

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111413.D
 Acq On : 14 Dec 2018 12:28
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Quant Time: Dec 14 13:21:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 11:42:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	211102	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	898811	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	427161	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	755496	20.00	ng	0.00
76) Chrysene-d12	13.96	240	497173	20.00	ng	0.00
87) Perylene-d12	15.39	264	383990	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1966775	157.55	ng	0.00
7) Phenol-d6	6.45	99	2479905	147.34	ng	0.01
23) Nitrobenzene-d5	7.37	82	2411499	151.22	ng	0.01
42) 2,4,6-Tribromophenol	10.63	330	559097	148.48	ng	0.01
45) 2-Fluorobiphenyl	9.16	172	3816472	143.44	ng	0.00
79) Terphenyl-d14	12.91	244	3218368	142.47	ng	0.01

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	501470	80.420	ng	98
3) Pyridine	3.24	79	1374757	89.746	ng	96
4) n-Nitrosodimethylamine	3.20	42	620253	86.798	ng	95
6) Aniline	6.47	93	1527352	75.010	ng	# 13
8) 2-Chlorophenol	6.59	128	1149741	74.931	ng	99
10) Phenol	6.47	94	1405412	73.712	ng	75
11) bis(2-Chloroethyl)ether	6.54	93	1134335	75.624	ng	98
12) 1,3-Dichlorobenzene	6.74	146	1248939	75.188	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1259589	74.908	ng	98
14) 1,2-Dichlorobenzene	6.97	146	1147549	73.768	ng	99
15) Benzyl Alcohol	6.95	79	955970	74.173	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2120280	72.964	ng	94
17) 2-Methylphenol	7.07	107	916329	73.906	ng	# 89
18) Hexachloroethane	7.31	117	477082	76.422	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	835963	74.743	ng	95
20) 3+4-Methylphenols	7.22	107	1083329	73.267	ng	# 86
22) Acetophenone	7.22	105	1574019	75.391	ng	98
24) Nitrobenzene	7.39	77	1225907	74.633	ng	98
25) Isophorone	7.63	82	2065907	76.267	ng	99
26) 2-Nitrophenol	7.70	139	648837	80.363	ng	98
27) 2,4-Dimethylphenol	7.75	122	924218	75.409	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	1359743	73.134	ng	98
29) 2,4-Dichlorophenol	7.95	162	956177	74.790	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	976819	74.359	ng	100
31) Naphthalene	8.10	128	3057209	73.005	ng	99
32) Benzoic acid	7.92	122	842299m	82.673	ng	
33) 4-Chloroaniline	8.16	127	1413423	79.032	ng	98
34) Hexachlorobutadiene	8.23	225	538807	73.934	ng	98
35) Caprolactam	8.56	113	360129m	80.388	ng	
36) 4-Chloro-3-methylphenol	8.65	107	1038304	76.212	ng	100
37) 2-Methylnaphthalene	8.80	142	2018820	74.577	ng	100
38) 1-Methylnaphthalene	8.89	142	1923611	73.626	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	856284	71.315	ng	99
41) Hexachlorocyclopentadiene	8.95	237	518465	82.693	ng	99

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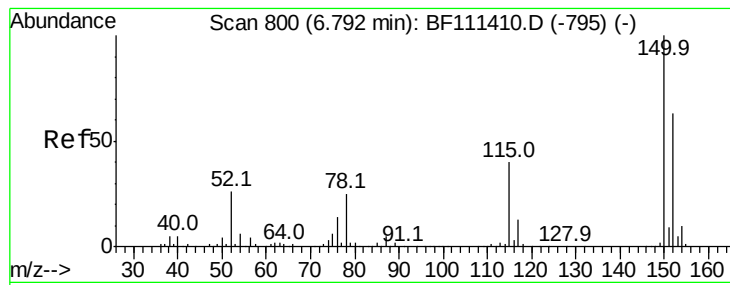
Instrument :
 BNA_F
 ClientSampleId :
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Manual Integrations
 APPROVED

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.07	196	637189	74.143	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	672714	74.066	ng	98
46) 1,1'-Biphenyl	9.26	154	2578125	70.738	ng	97
47) 2-Chloronaphthalene	9.29	162	2009402	71.991	ng	99
48) 2-Nitroaniline	9.38	65	710932	78.382	ng	99
49) Acenaphthylene	9.70	152	2898421	71.076	ng	97
50) Dimethylphthalate	9.57	163	2330566	75.871	ng	98
51) 2,6-Dinitrotoluene	9.63	165	530050	77.846	ng	90
52) Acenaphthene	9.87	154	1901613	73.933	ng	99
53) 3-Nitroaniline	9.80	138	642070	78.452	ng	97
54) 2,4-Dinitrophenol	9.90	184	230661	86.346	ng	94
55) Dibenzofuran	10.05	168	2648489	71.328	ng	99
56) 4-Nitrophenol	9.97	139	473453	80.331	ng	99
57) 2,4-Dinitrotoluene	10.03	165	693933	79.520	ng	96
58) Fluorene	10.39	166	1918901	72.242	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	513212	73.144	ng	98
60) Diethylphthalate	10.27	149	2237164	72.342	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	928085	70.480	ng	99
62) 4-Nitroaniline	10.42	138	632941	80.460	ng	100
63) Azobenzene	10.54	77	2219667	71.188	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	339440	78.260	ng	89
66) n-Nitrosodiphenylamine	10.50	169	1884162	70.110	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	599893	71.326	ng	98
68) Hexachlorobenzene	10.94	284	612058	70.673	ng	97
69) Atrazine	11.03	200	475547	61.181	ng	97
70) Pentachlorophenol	11.13	266	416579	72.282	ng	97
71) Phenanthrene	11.34	178	2777694	71.132	ng	96
72) Anthracene	11.40	178	2805611	70.560	ng	98
73) Carbazole	11.55	167	2941011	71.534	ng	98
74) Di-n-butylphthalate	11.89	149	3251538	69.459	ng	98
75) Fluoranthene	12.53	202	2753999	72.243	ng	100
78) Pyrene	12.76	202	2815537	73.378	ng	98
80) Butylbenzylphthalate	13.38	149	1396912	75.825	ng	96
81) Benzo(a)anthracene	13.95	228	1966584	70.696	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	756025	71.862	ng	98
83) Chrysene	13.99	228	2109893	74.342	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1691257	75.094	ng	100
85) Di-n-octyl phthalate	14.56	149	2709350	73.263	ng	99
86) Indeno(1,2,3-cd)pyrene	16.82	276	1628007	73.342	ng	95
88) Benzo(b)fluoranthene	14.99	252	1747324	80.024	ng	99
89) Benzo(k)fluoranthene	15.02	252	1595290	73.195	ng	99
90) Benzo(a)pyrene	15.34	252	1548340	76.158	ng	98
91) Dibenzo(a,h)anthracene	16.84	278	1341880	79.332	ng	95
92) Benzo(g,h,i)perylene	17.25	276	1384820	81.887	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

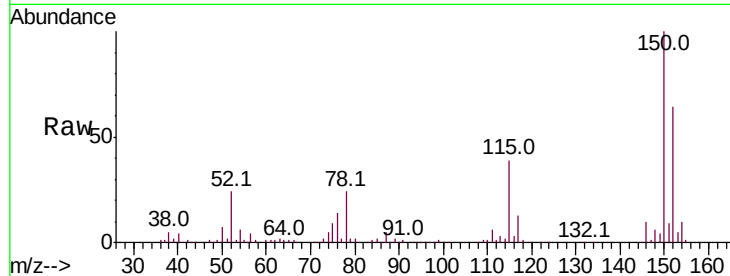


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	60.6	50.7	76.1

Manual Integrations
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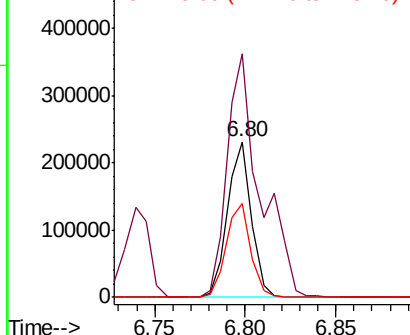
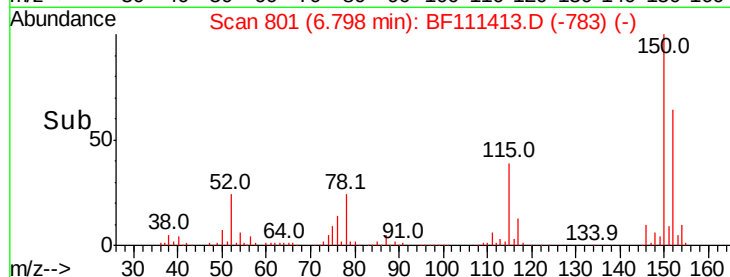


Abundance

Ion 152.00 (151.70 to 152.70): E

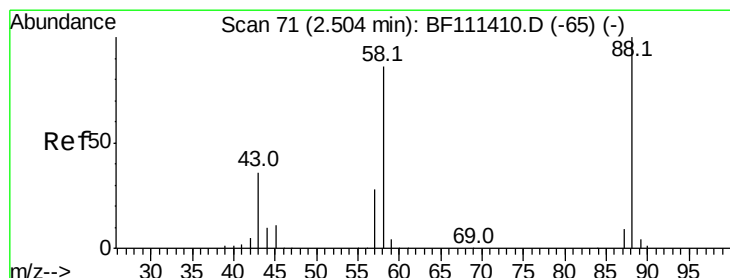
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



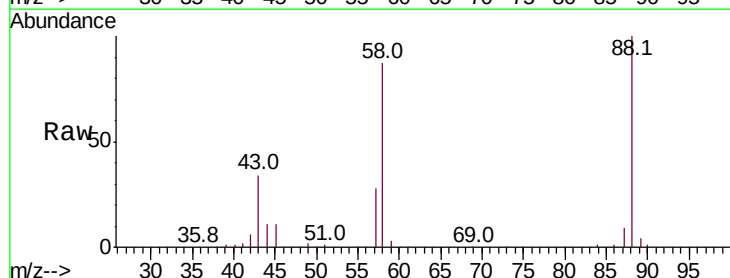
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#2
 1,4-Dioxane
 Concen: 80.420 ng
 RT: 2.51 min Scan# 72
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	68.9	103.3
43	34.5	25.8	38.6

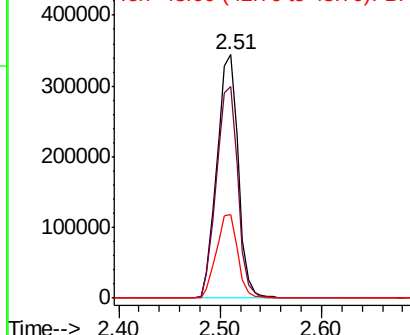
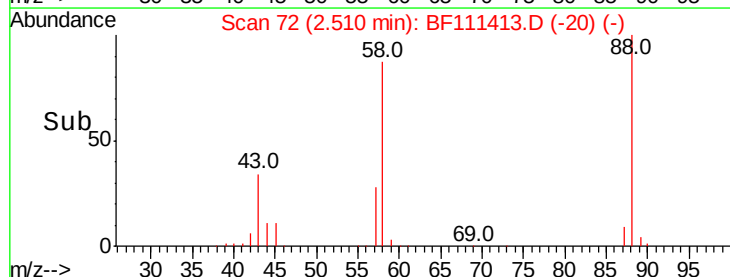


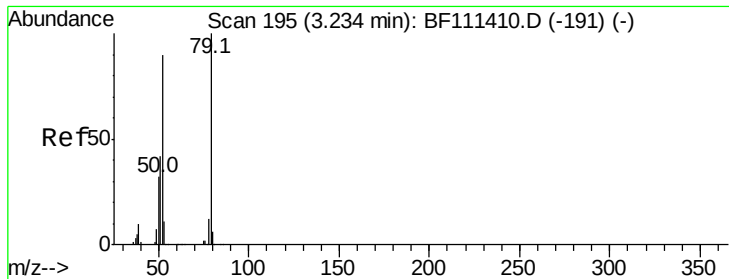
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 89.746 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1374757

Ion Ratio Lower Upper

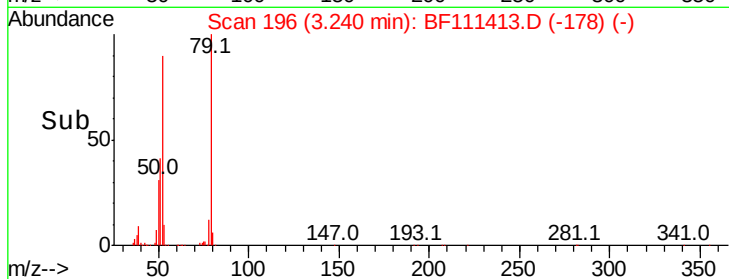
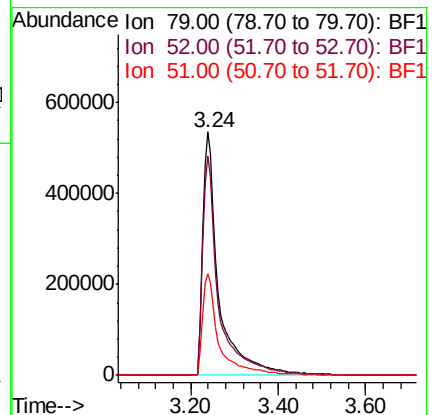
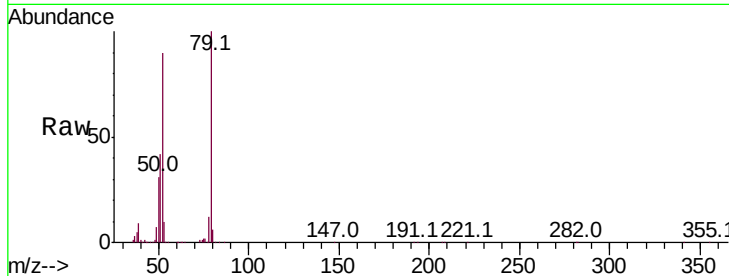
79 100

52 90.0 68.3 102.5

51 41.6 32.6 49.0

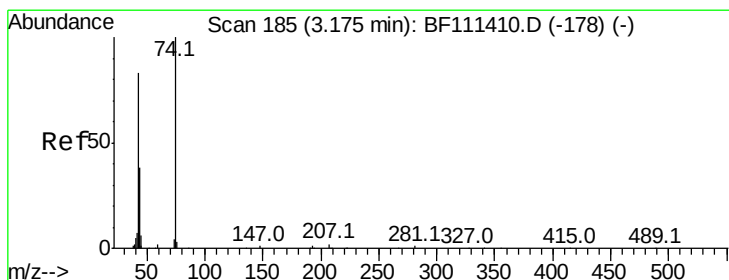
Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 86.798 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.03 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

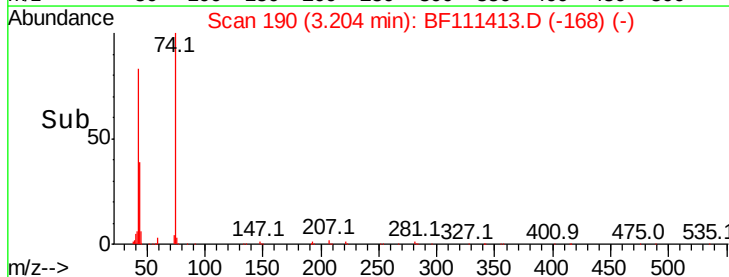
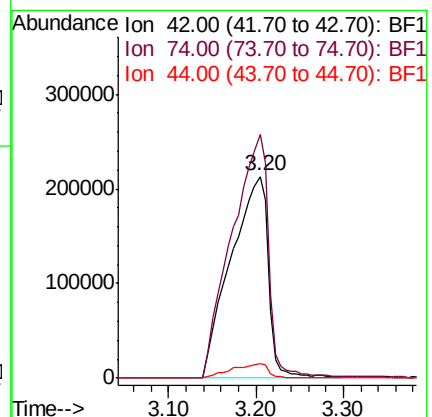
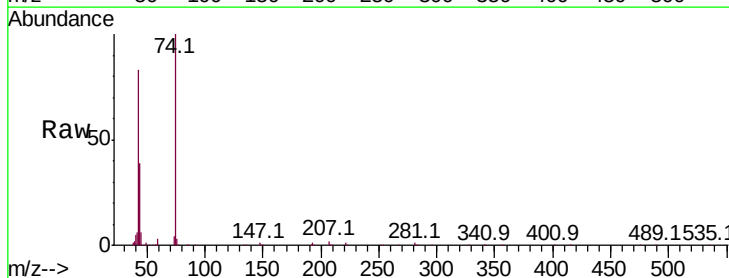
Tgt Ion: 42 Resp: 620253

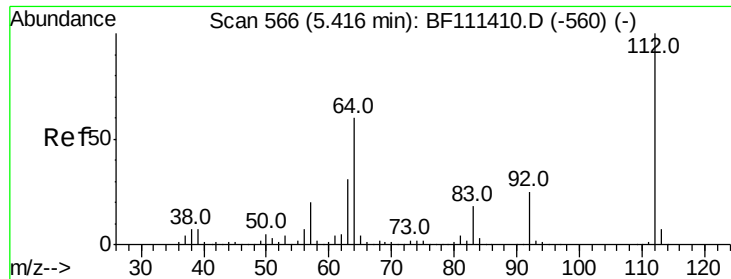
Ion Ratio Lower Upper

42 100

74 120.9 101.5 152.3

44 7.1 6.0 9.0





#5

2-Fluorophenol

Concen: 157.548 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:112 Resp: 1966775

Ion Ratio Lower Upper

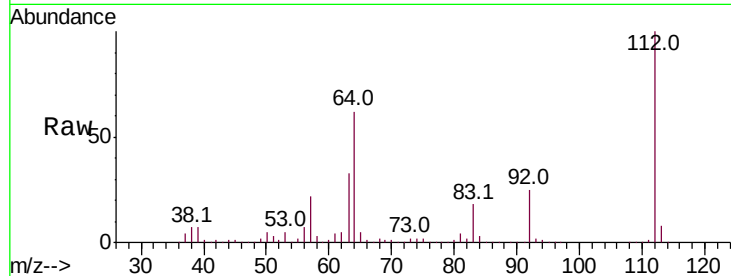
112 100

64 62.4 51.8 77.6

63 33.1 26.8 40.2

Manual Integrations

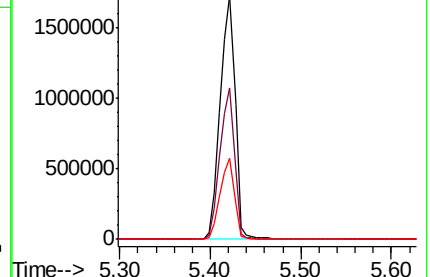
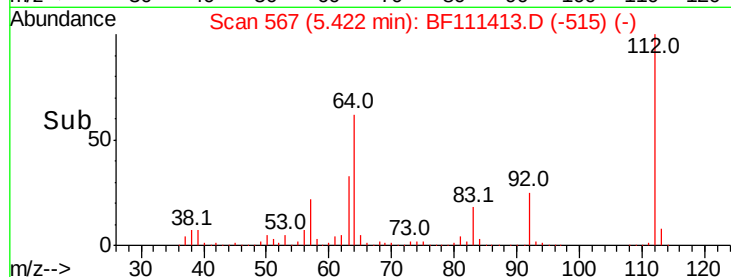
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Abundance Ion 112.00 (111.70 to 112.70): BF1

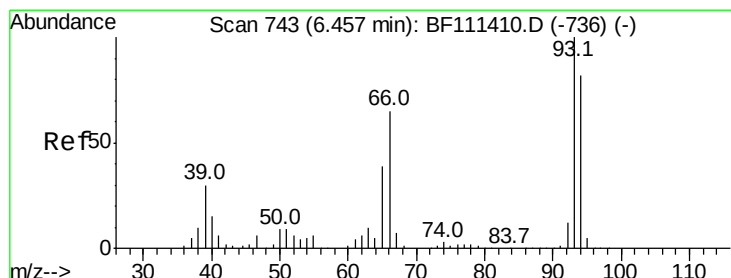
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



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#6

Aniline

Concen: 75.010 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

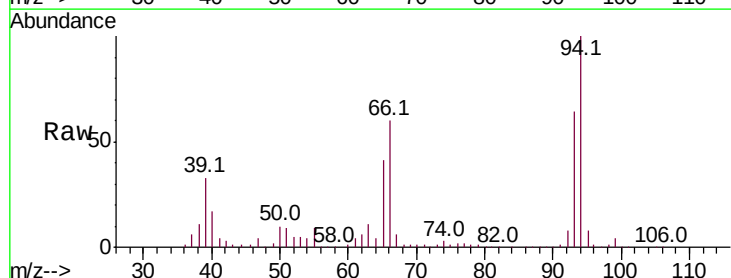
Tgt Ion: 93 Resp: 1527352

Ion Ratio Lower Upper

93 100

66 94.8 33.2 49.8#

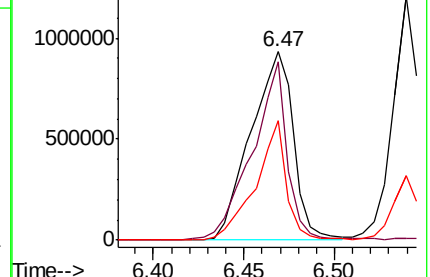
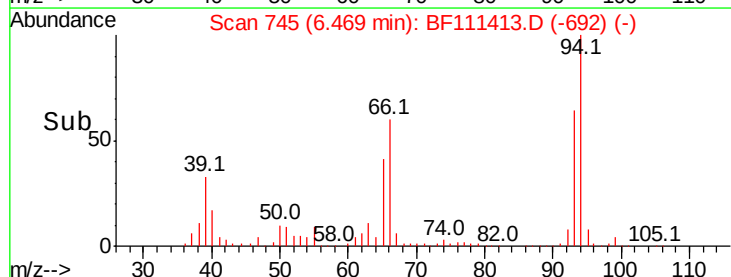
65 63.7 17.0 25.4#

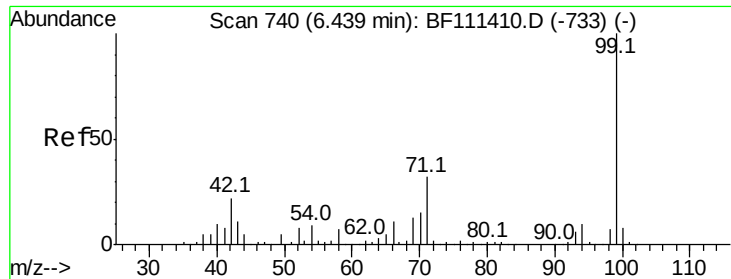


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 147.339 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 99 Resp: 2479905

Ion Ratio Lower Upper

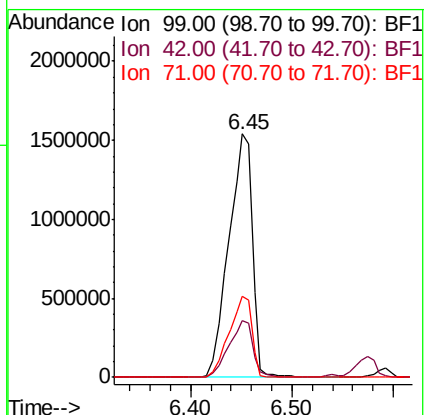
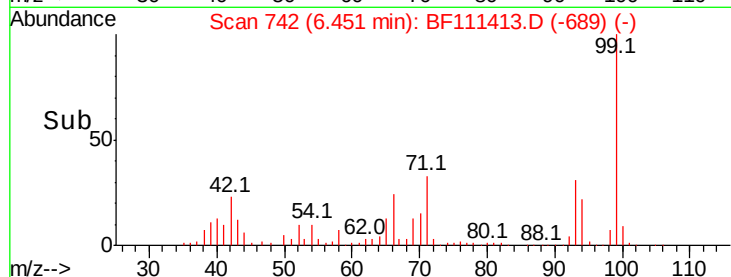
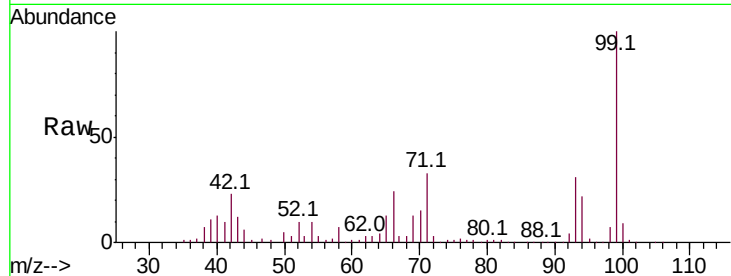
99 100

42 23.4 17.4 26.0

71 33.2 26.1 39.1

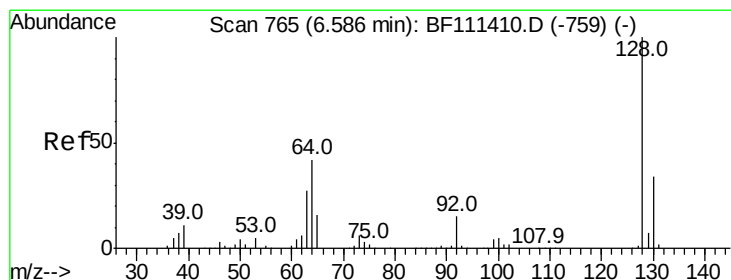
Manual Integrations

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#8

2-Chlorophenol

Concen: 74.931 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

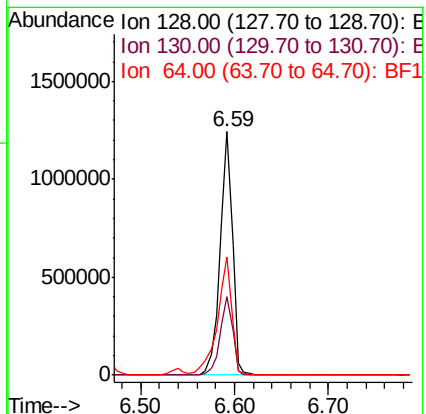
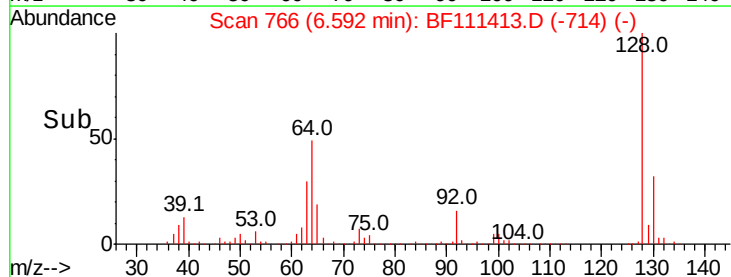
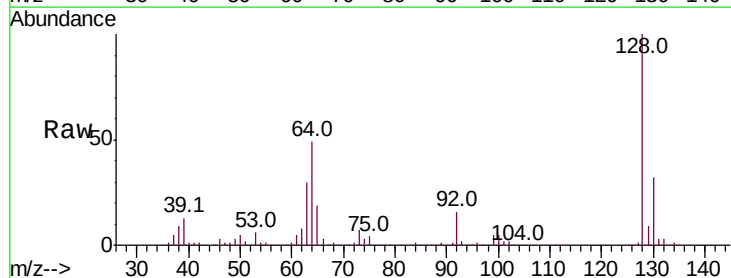
Tgt Ion:128 Resp: 1149741

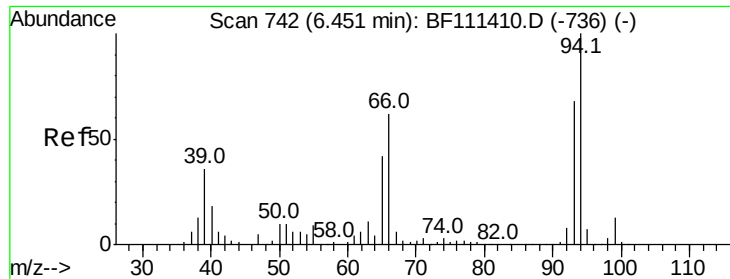
Ion Ratio Lower Upper

128 100

130 32.2 12.7 52.7

64 48.8 30.0 70.0





#10

Phenol

Concen: 73.712 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 94 Resp: 1405412

Ion Ratio Lower Upper

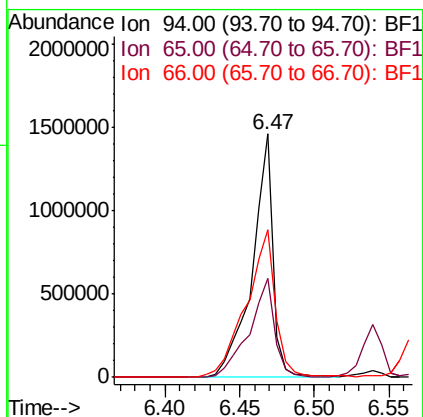
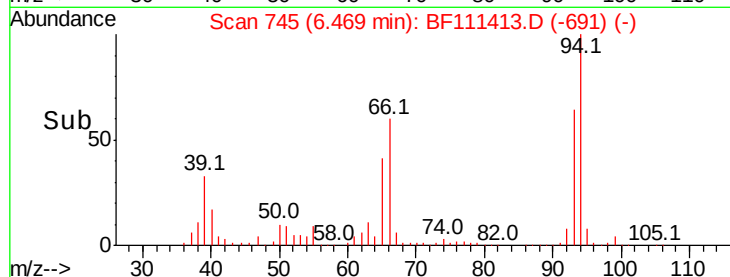
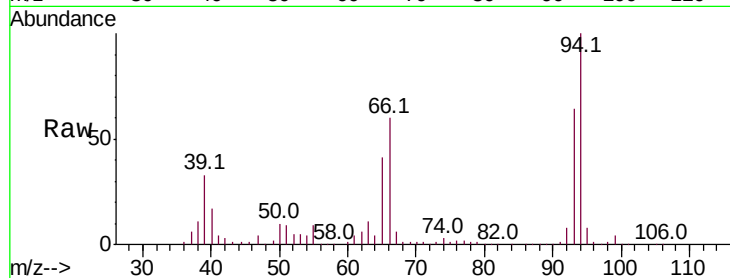
94 100

65 40.6 11.7 51.7

66 60.4 21.0 61.0

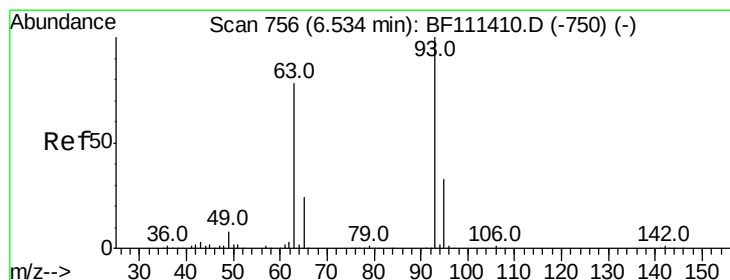
Manual Integrations

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#11

bis(2-Chloroethyl)ether

Concen: 75.624 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

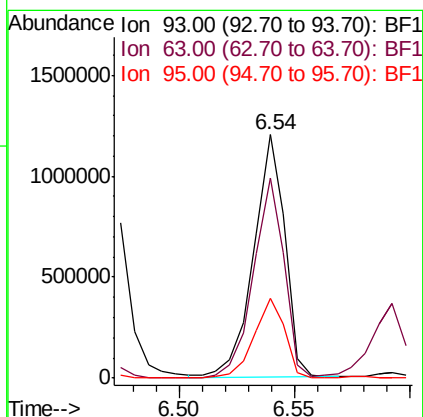
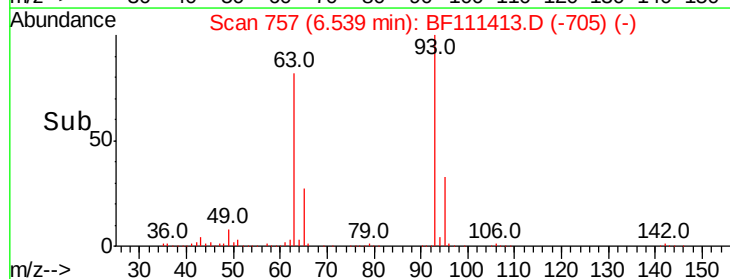
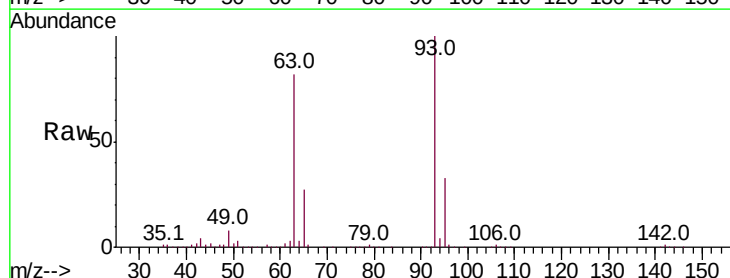
Tgt Ion: 93 Resp: 1134335

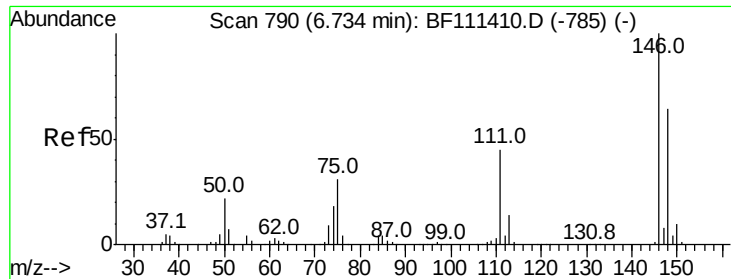
Ion Ratio Lower Upper

93 100

63 82.0 60.0 100.0

95 32.7 13.4 53.4





#12

1,3-Dichlorobenzene

Concen: 75.188 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 1248939

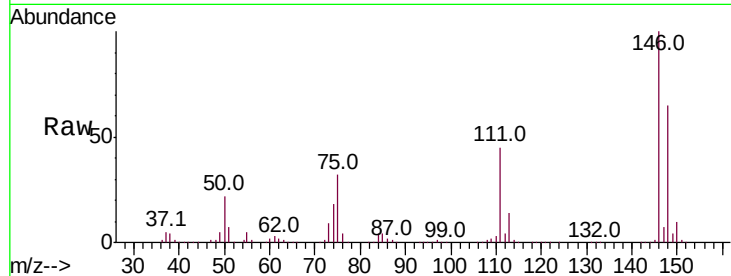
Ion Ratio Lower Upper

146 100

148 65.4 52.1 78.1

75 31.6 23.9 35.9

Manual Integrations
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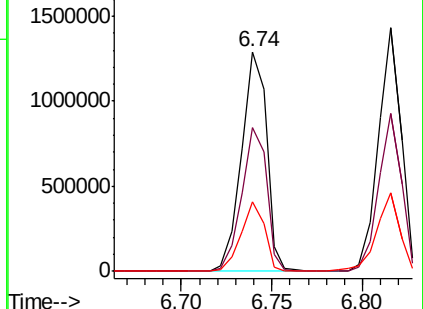
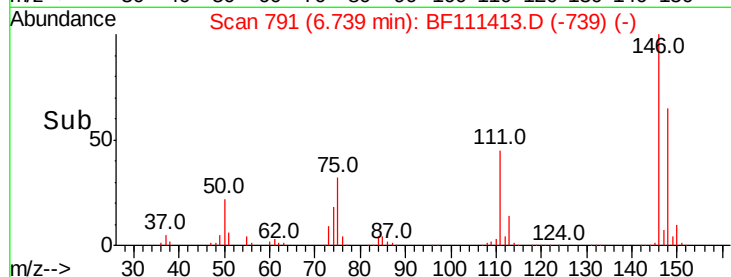


Abundance

Ion 146.00 (145.70 to 146.70): E

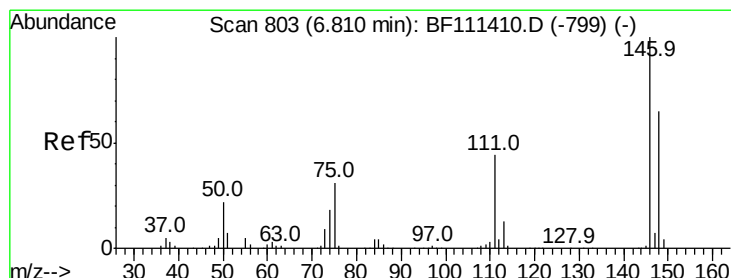
Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



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#13

1,4-Dichlorobenzene

Concen: 74.908 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

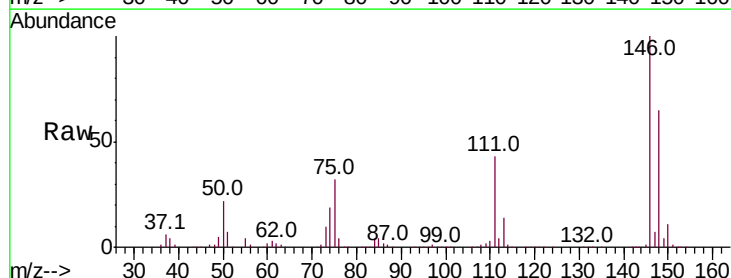
Tgt Ion:146 Resp: 1259589

Ion Ratio Lower Upper

146 100

148 64.9 52.8 79.2

111 43.1 33.4 50.0

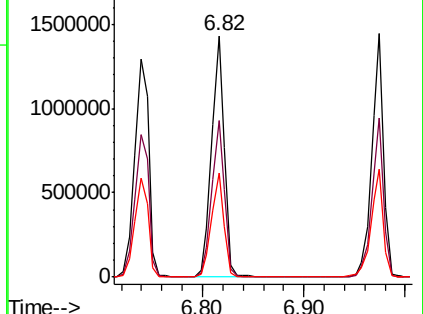
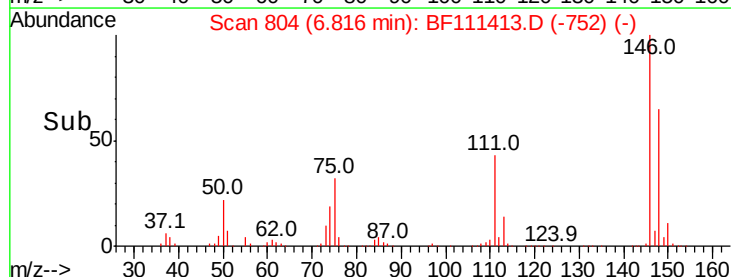


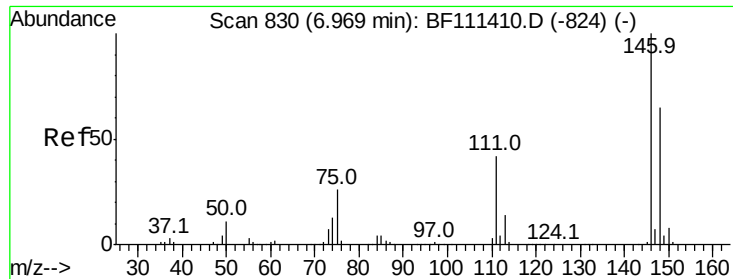
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



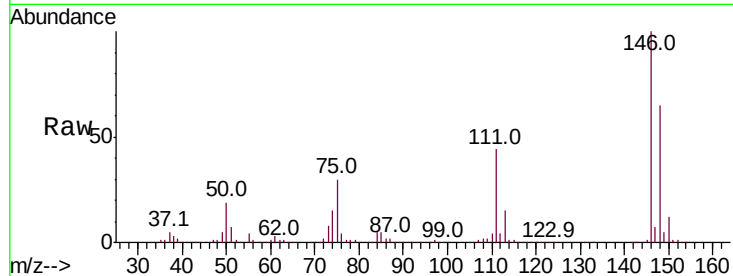


#14
1,2-Dichlorobenzene
Concen: 73.768 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

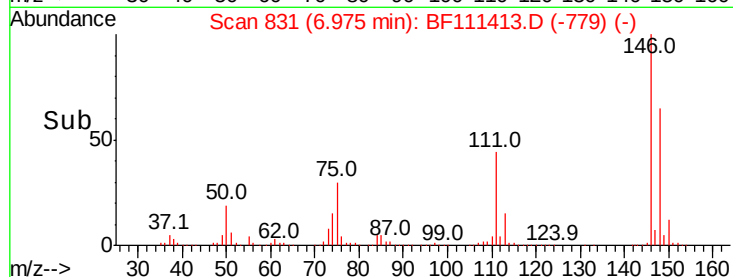
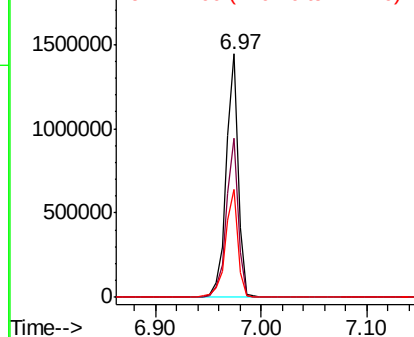
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:146 Resp: 1147549
Ion Ratio Lower Upper
146 100
148 65.3 51.9 77.9
111 44.2 36.2 54.4

Manual Integrations
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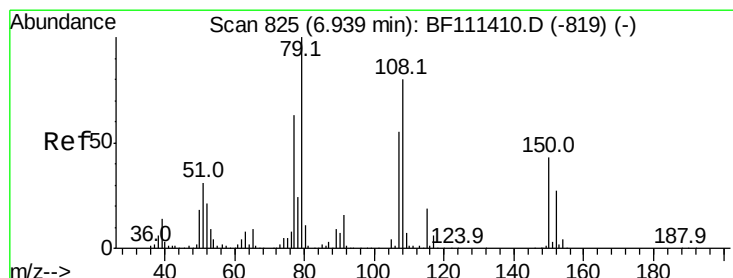


Abundance Ion 146.00 (145.70 to 146.70): E
2000000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



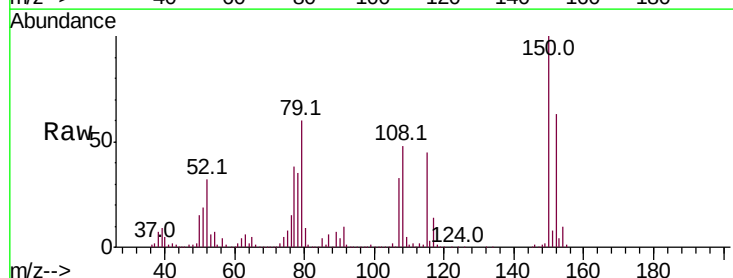
Sohil

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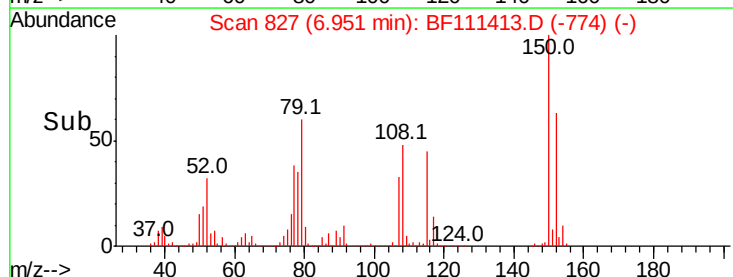
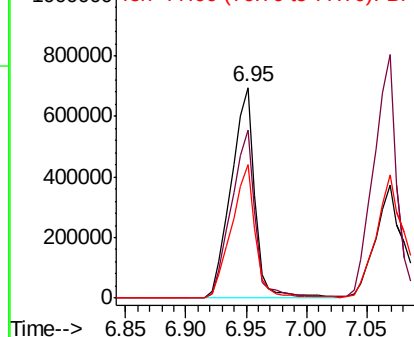


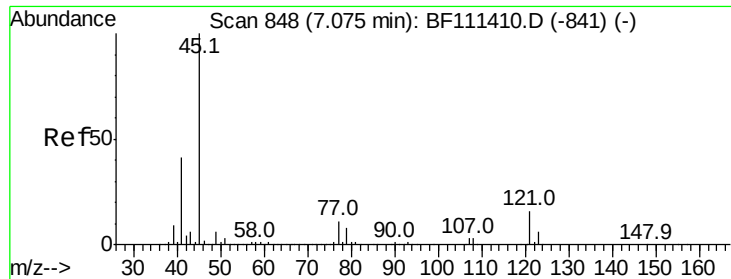
#15
Benzyl Alcohol
Concen: 74.173 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion: 79 Resp: 955970
Ion Ratio Lower Upper
79 100
108 79.6 69.4 104.2
77 63.2 49.7 74.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
1000000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1



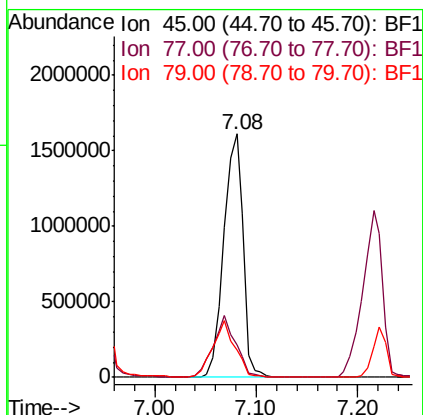
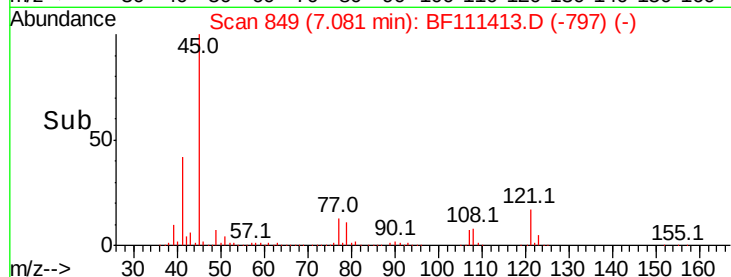
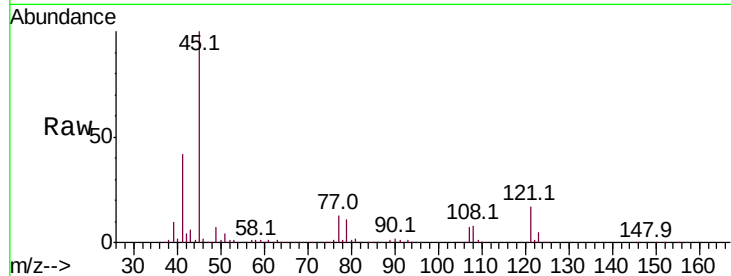


#16
2,2'-oxvbis(1-Chloropropane)
Concen: 72.964 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

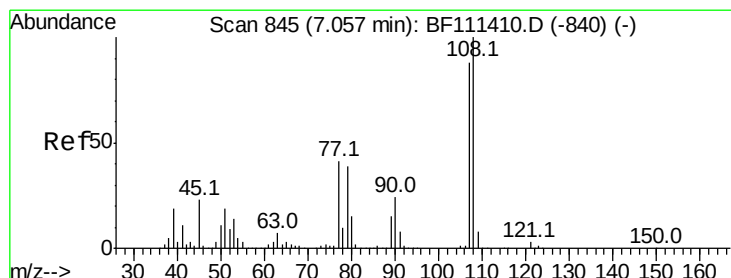
Tot Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	31.5
79	11.3	0.0	28.9

Manual Integrations
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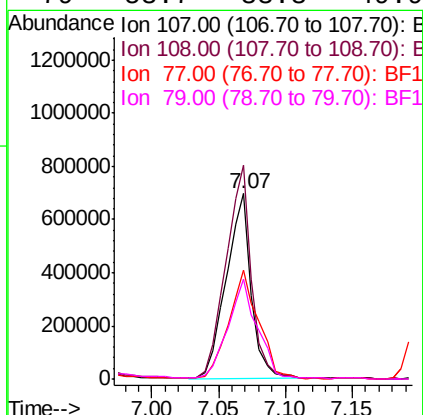
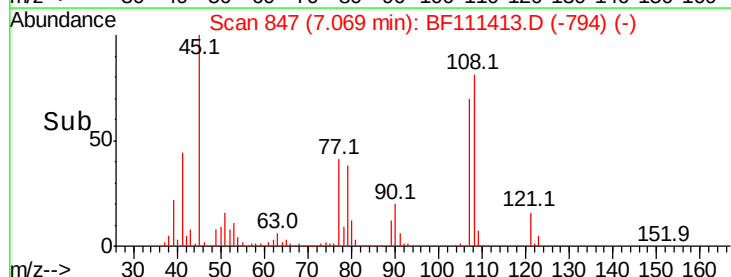
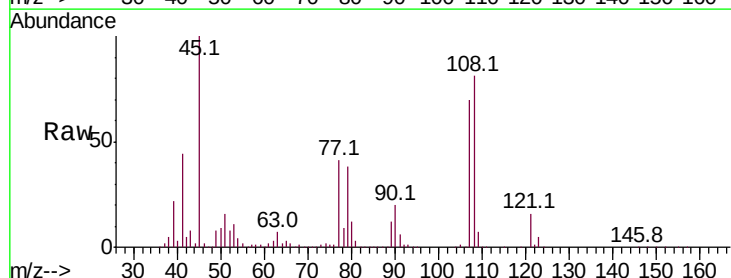
Sohil

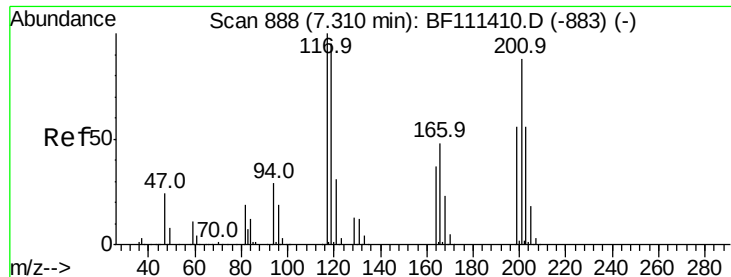
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#17
2-Methylphenol
Concen: 73.906 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.3	91.0	136.4
77	58.6	33.5	50.3#
79	53.7	33.3	49.9#



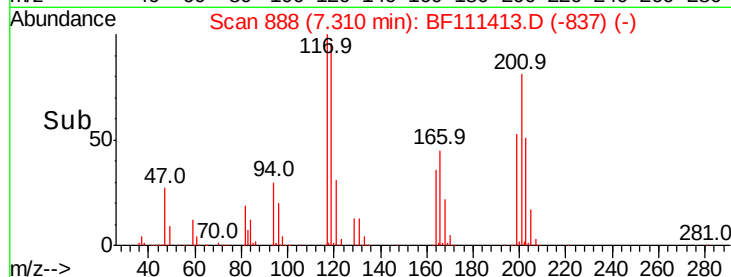
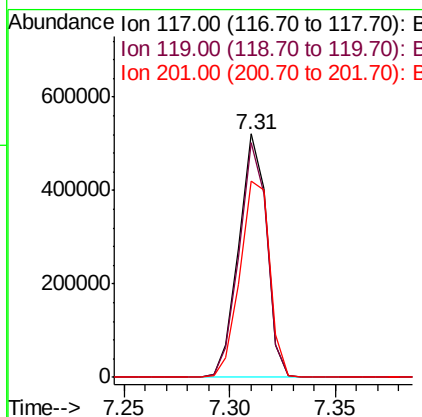
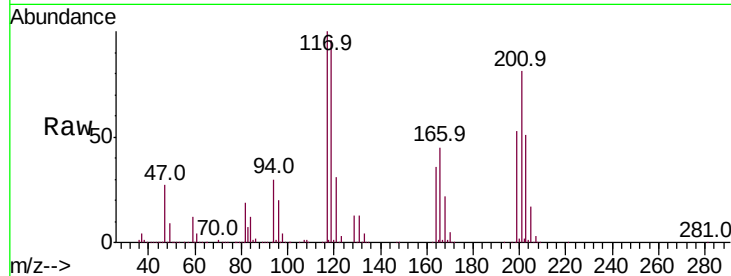


#18
Hexachloroethane
Concen: 76.422 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

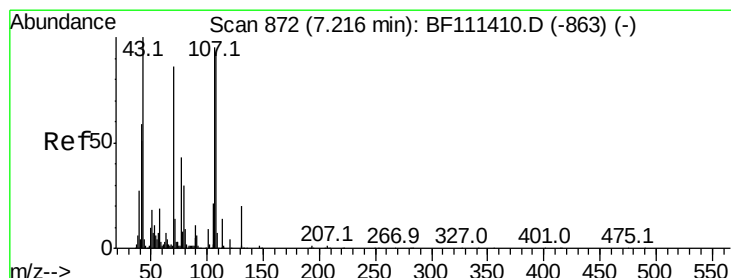
Tot Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.0
201	80.7	62.4	93.6

Manual Integrations
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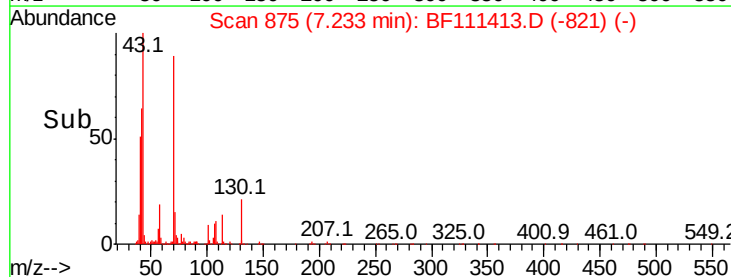
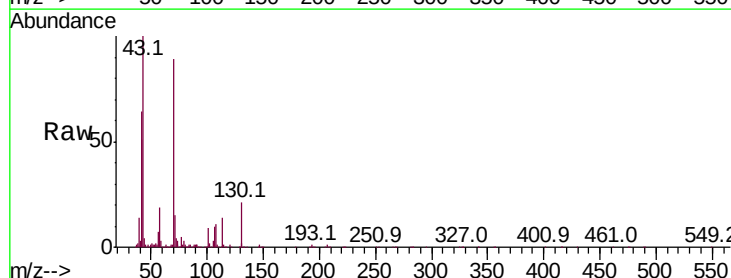
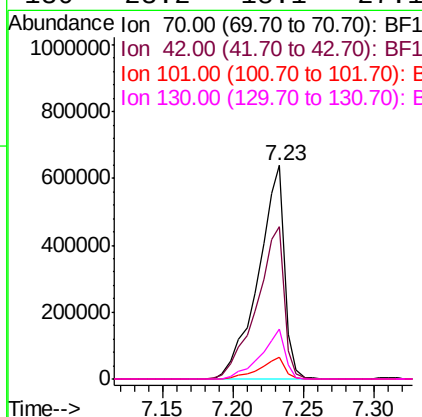
Sohil

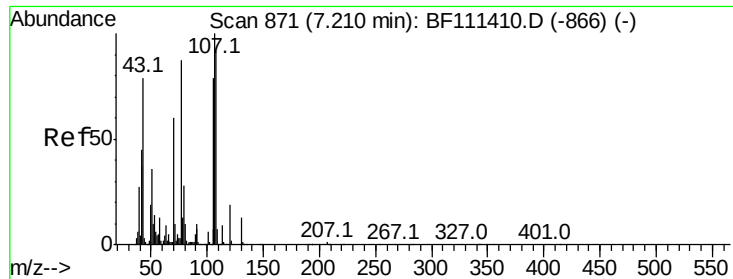
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#19
n-Nitroso-di-n-propylamine
Concen: 74.743 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.02 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
70	100		
42	71.4	53.2	79.8
101	10.0	8.2	12.4
130	23.2	18.1	27.1



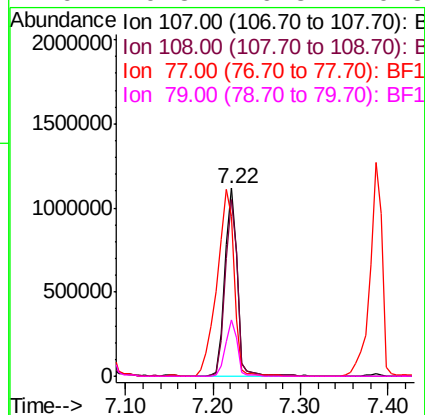
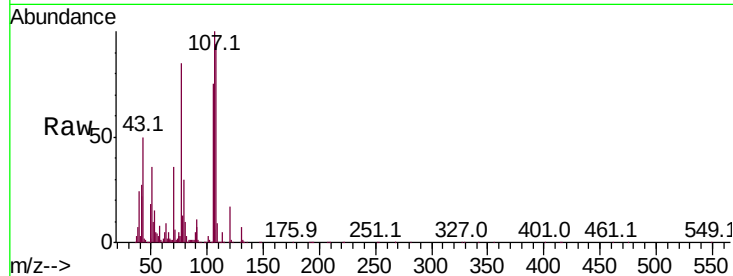


#20
3+4-Methylphenols
Concen: 73.267 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

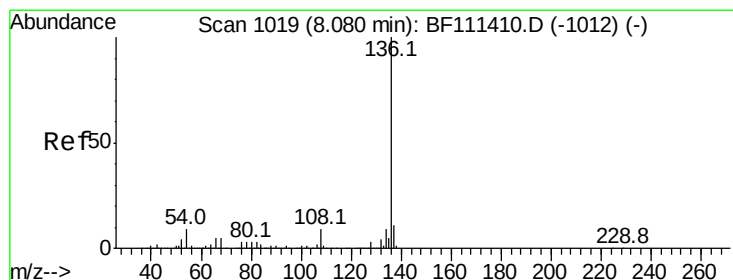
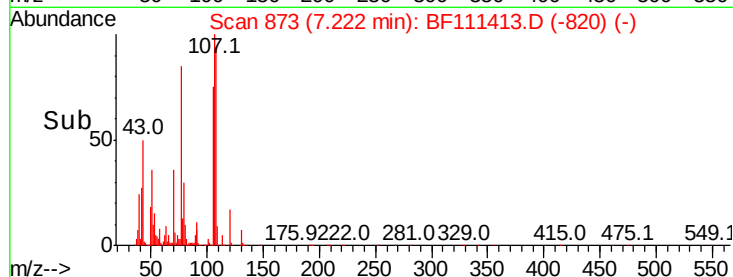
Tot Ion	Ratio	Lower	Upper
107	100		
108	93.6	72.1	112.1
77	84.9	94.1	134.1#
79	29.8	9.8	49.8

Manual Integrations
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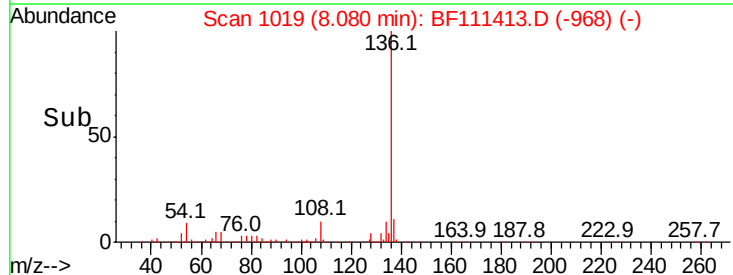
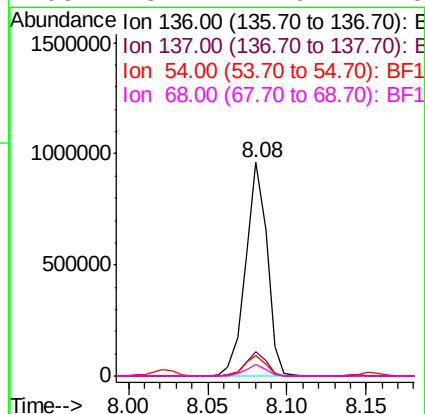
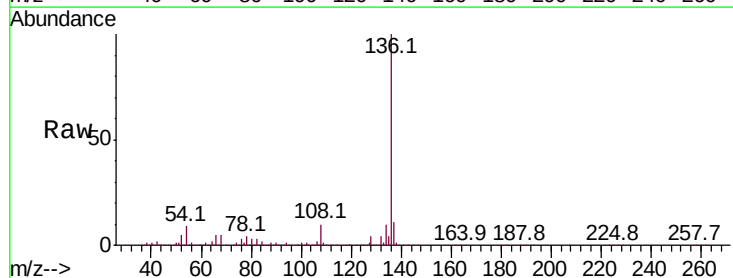
Sohil

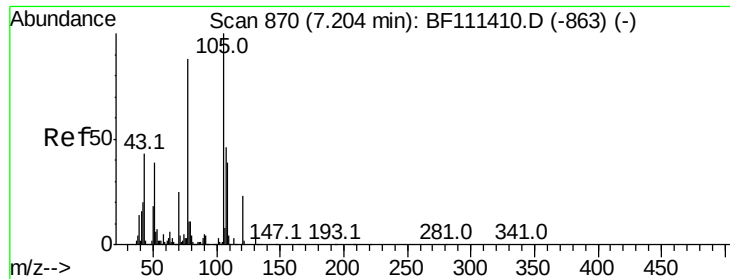
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.3	7.7	11.5
68	5.2	4.9	7.3





#22

Acetophenone

Concen: 75.391 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:105 Resp: 1574019

Ion Ratio Lower Upper

105 100

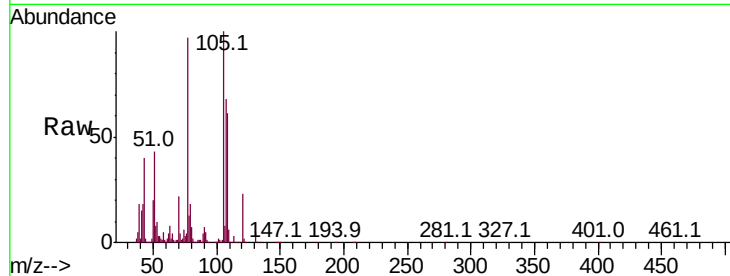
71 3.7 3.1 4.7

51 43.4 36.6 54.8

120 22.5 18.2 27.4

Manual Integrations

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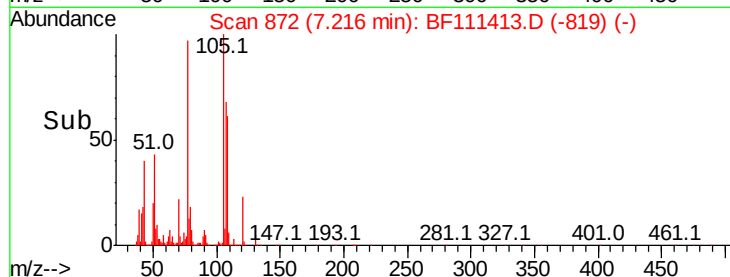
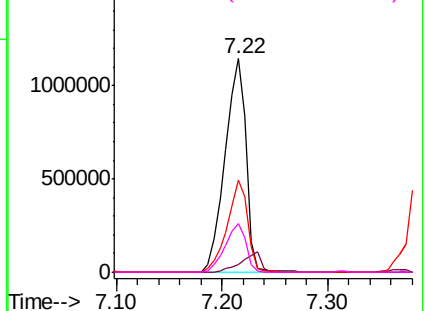


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

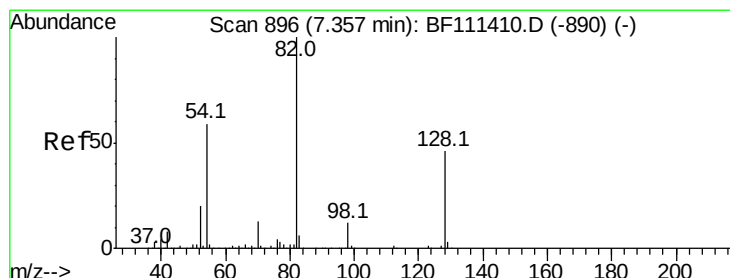
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



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#23

Nitrobenzene-d5

Concen: 151.222 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

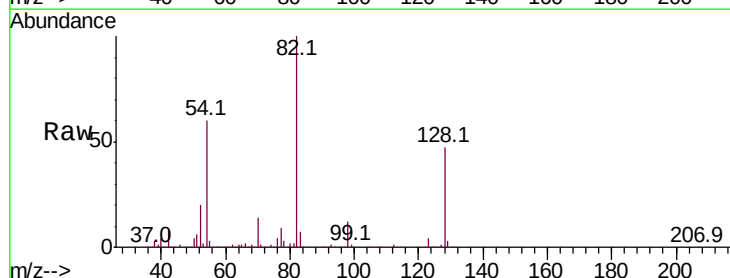
Tgt Ion: 82 Resp: 2411499

Ion Ratio Lower Upper

82 100

128 46.7 37.4 56.2

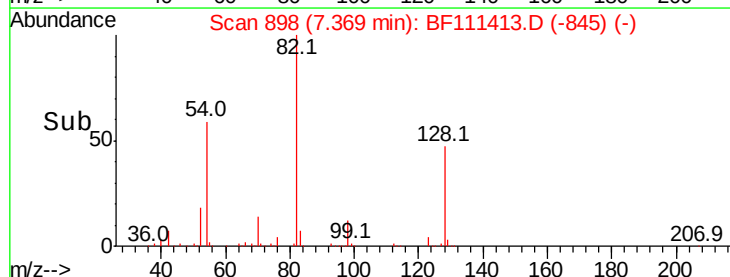
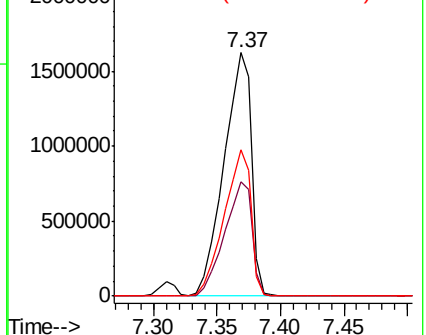
54 60.2 47.6 71.4

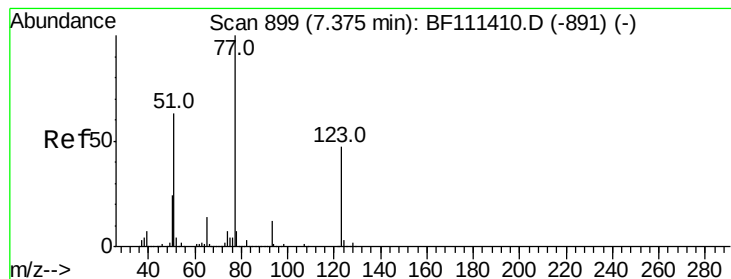


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 74.633 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion: 77 Resp: 1225907

Ion Ratio Lower Upper

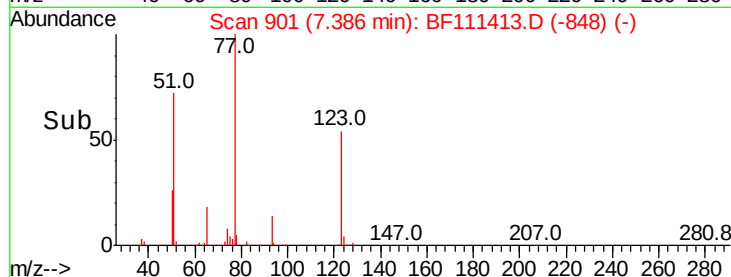
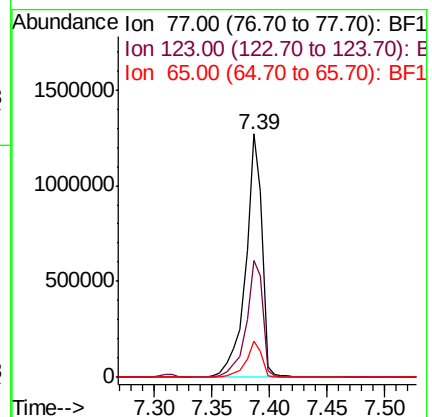
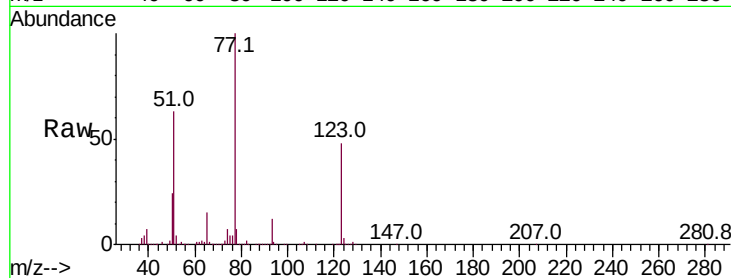
77 100

123 48.0 37.2 55.8

65 14.8 11.5 17.3

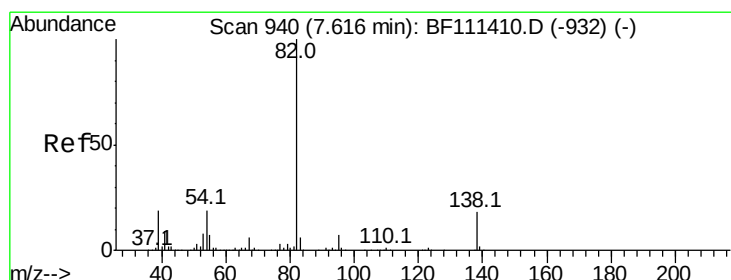
Manual Integrations

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#25

Isophorone

Concen: 76.267 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

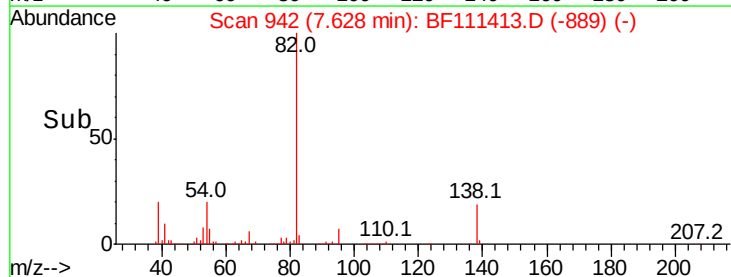
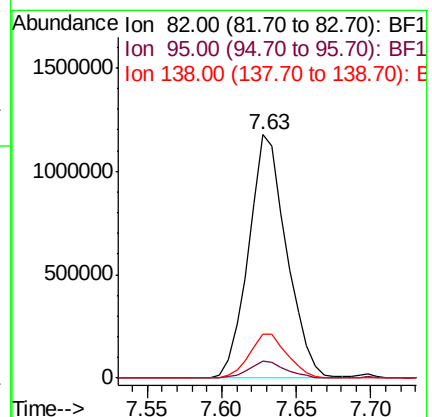
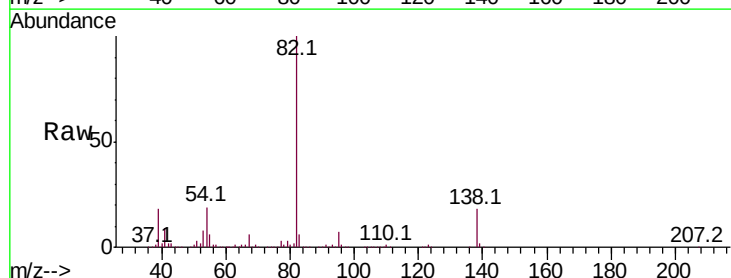
Tgt Ion: 82 Resp: 2065907

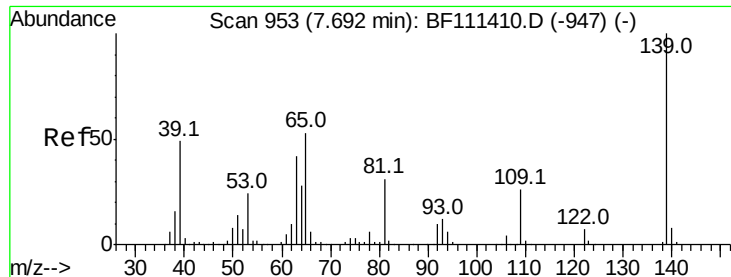
Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 18.3 15.1 22.7



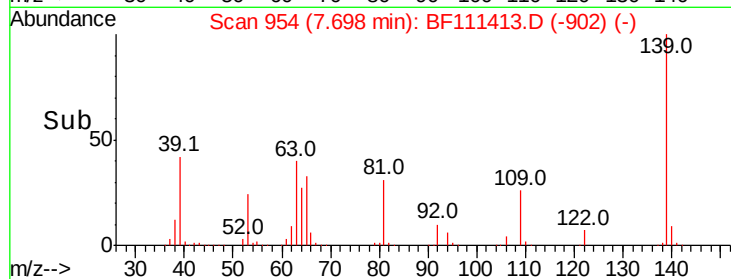
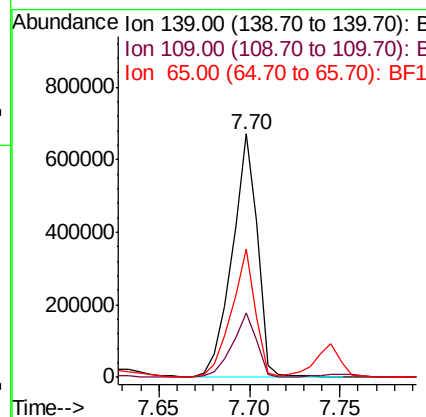
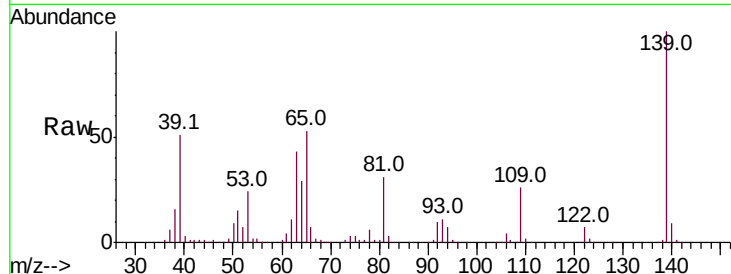


#26
2-Nitrophenol
Concen: 80.363 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

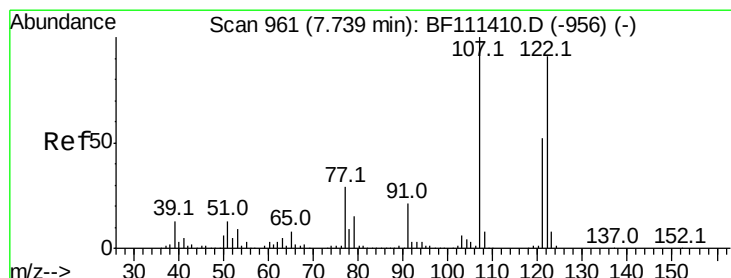
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.2	20.2	30.4	
65	52.8	40.7	61.1	

Manual Integrations
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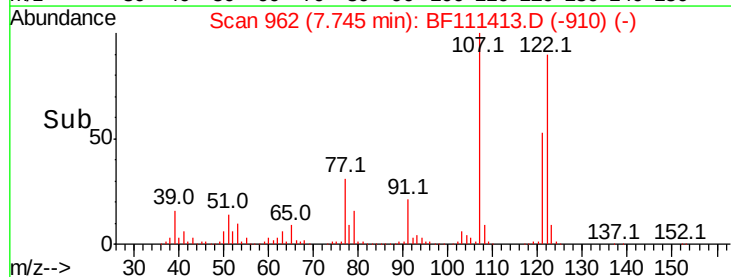
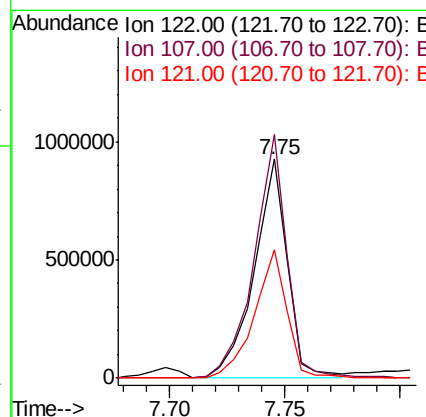
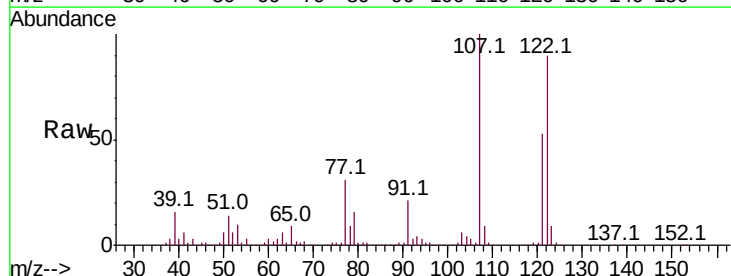
Sohil

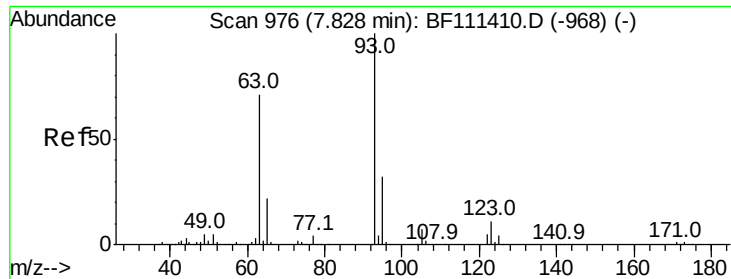
12/17/2018 2:36:15 PM



#27
2,4-Dimethylphenol
Concen: 75.409 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	111.1	85.5	128.3	
121	58.4	46.6	70.0	



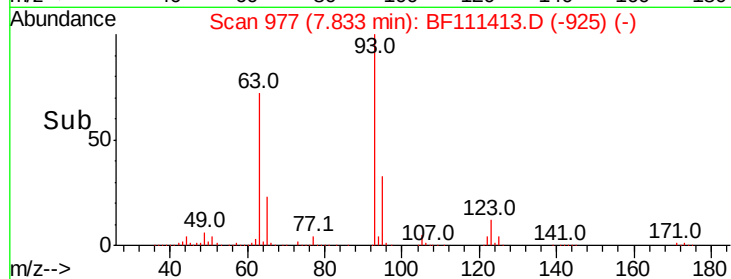
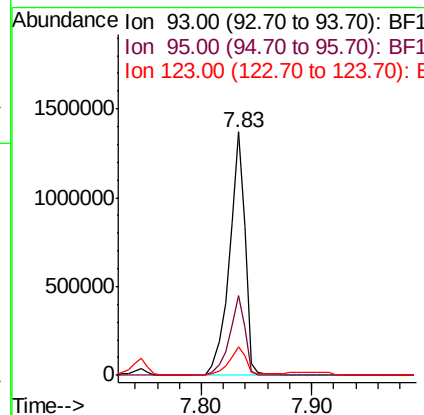
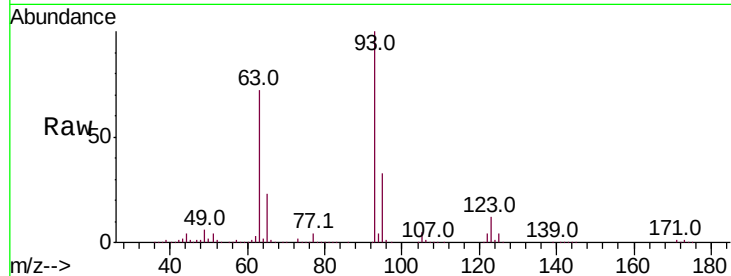


#28
bis(2-Chloroethoxy)methane
Concen: 73.134 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampled :
SSTDIC080

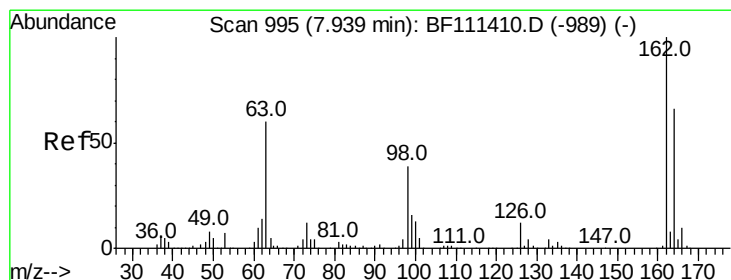
Tot Ion:	93	Resp:	1359743
Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.1	40.7
123	11.8	9.9	14.9

Manual Integrations
APPROVED



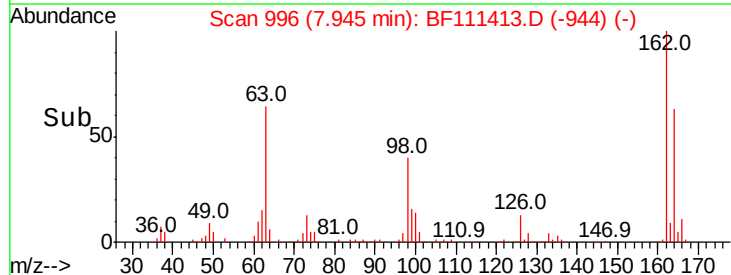
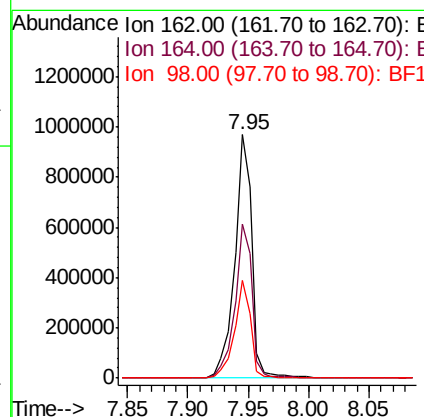
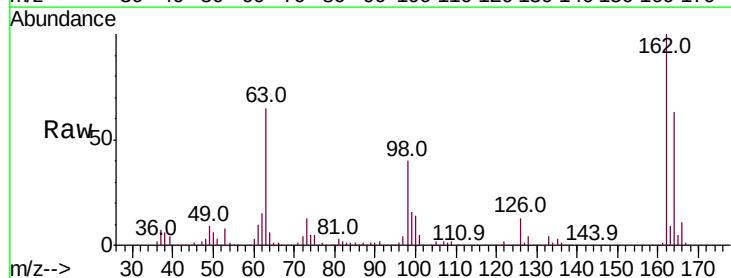
Sohil

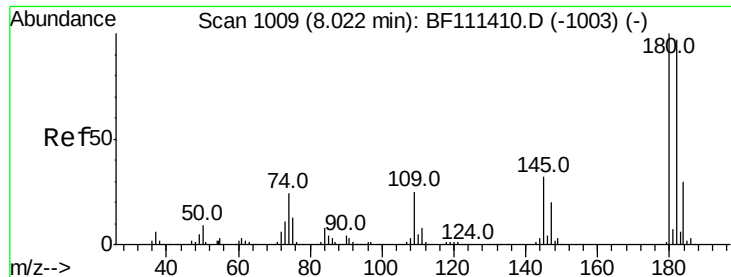
12/17/2018 2:36:15 PM



#29
2,4-Dichlorophenol
Concen: 74.790 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:	162	Resp:	956177
Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.4	84.4
98	40.4	20.3	60.3



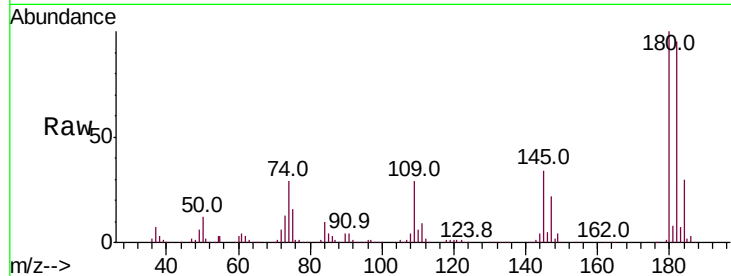


#30
1,2,4-Trichlorobenzene
Concen: 74.359 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

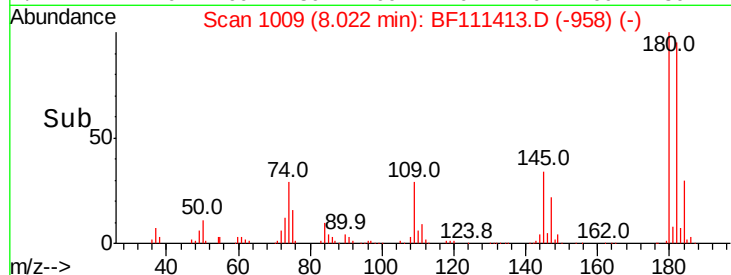
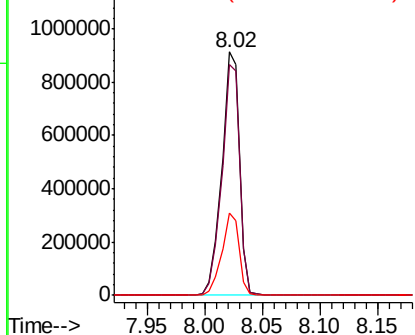
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.6	113.4
145	34.1	26.7	40.1

Manual Integrations
APPROVED

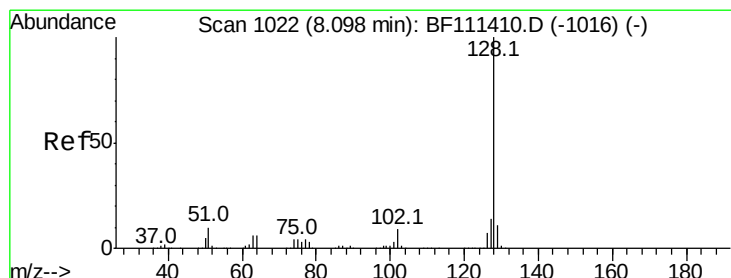


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



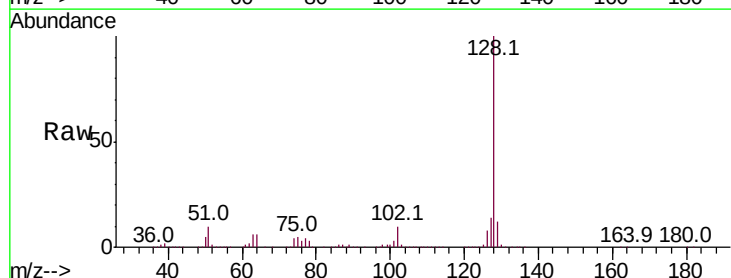
Sohil

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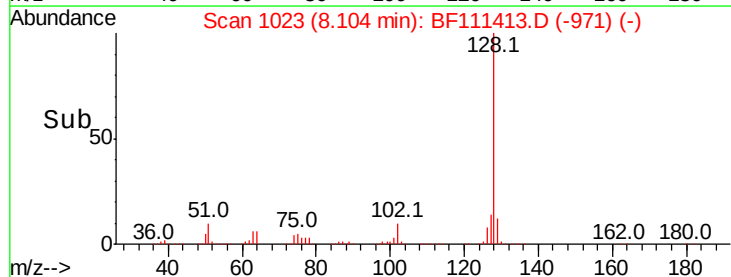
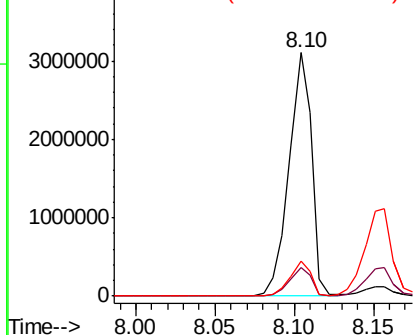


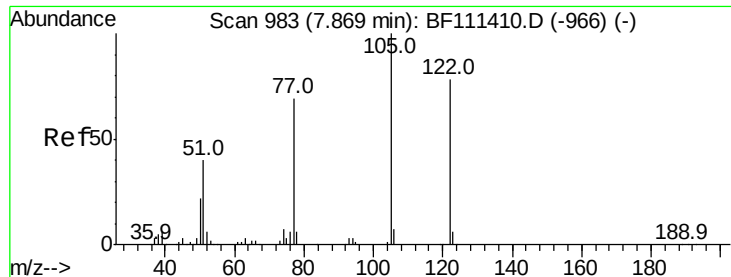
#31
Naphthalene
Concen: 73.005 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.8
127	14.3	12.0	18.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 82.673 ng/ml

RT: 7.92 min Scan# 991

Delta R.T. 0.05 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

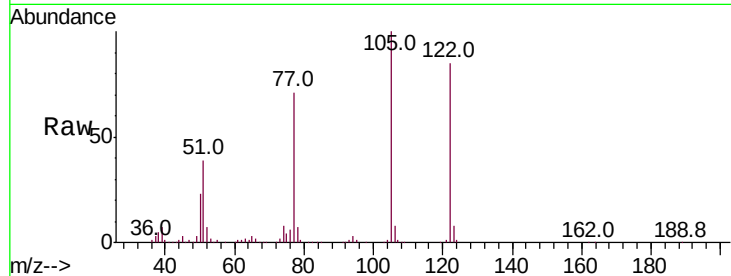
BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:	122	Resp:	842299
Ion Ratio	Lower	Upper	
122	100		
105	117.9	97.0	137.0
77	83.6	65.7	105.7

Manual Integrations
APPROVED

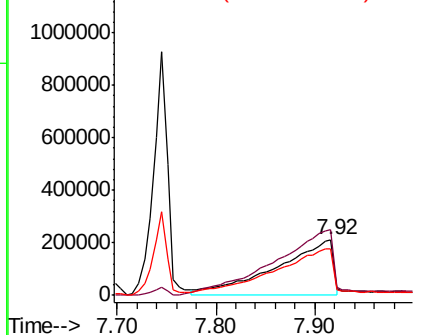


Abundance

Ion 122.00 (121.70 to 122.70): E

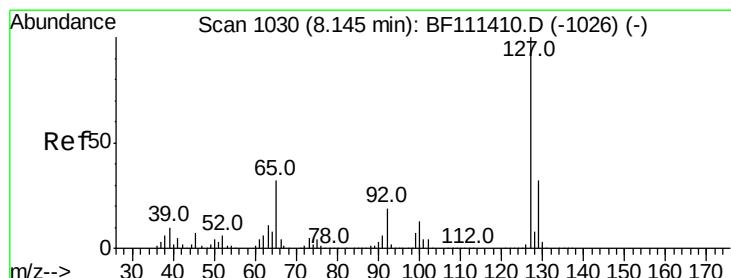
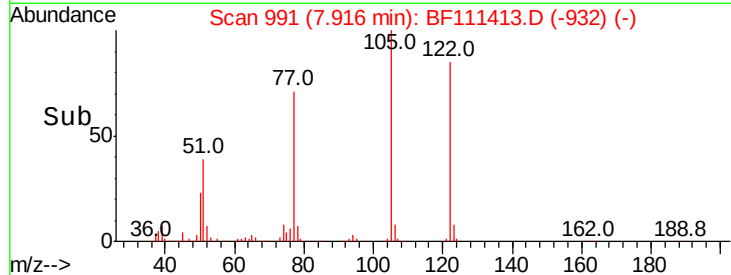
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



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#33

4-Chloroaniline

Concen: 79.032 ng/ml

RT: 8.16 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Tgt Ion:	127	Resp:	1413423
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.6	39.8
65	30.2	25.7	38.5
92	18.1	15.4	23.2

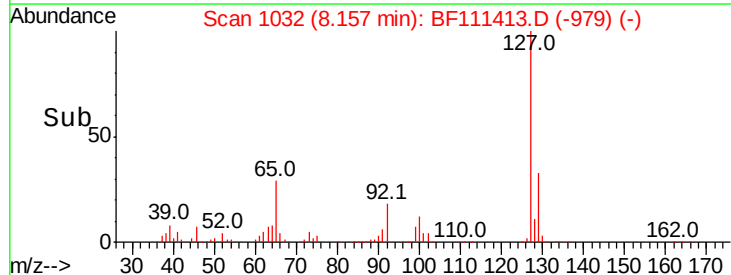
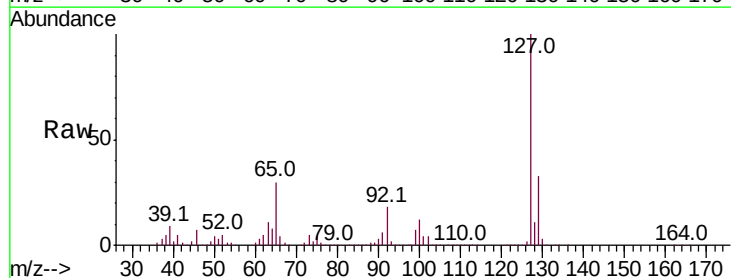
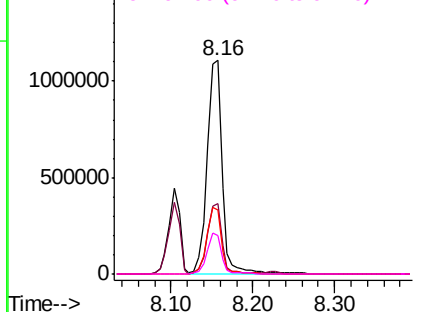
Abundance

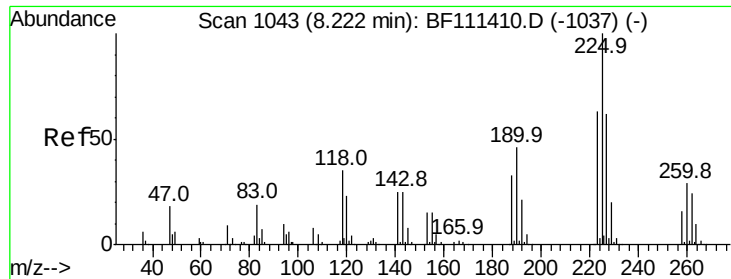
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



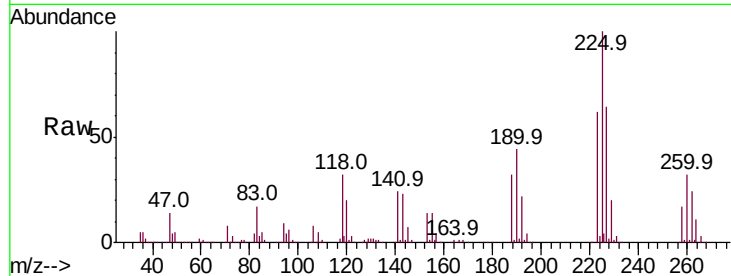


#34
Hexachlorobutadiene
Concen: 73.934 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

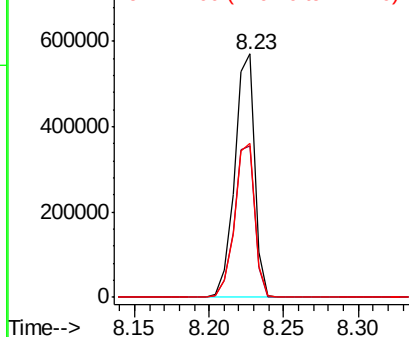
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.7	76.1	
227	63.5	52.6	78.8	

Manual Integrations
APPROVED

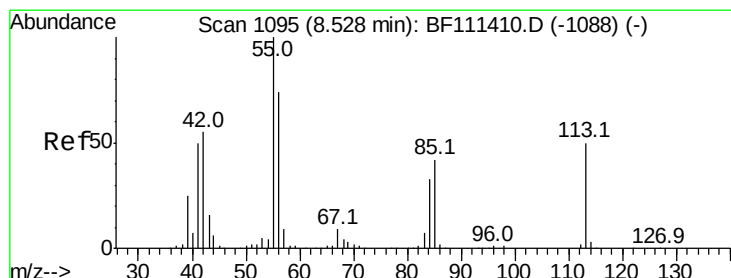
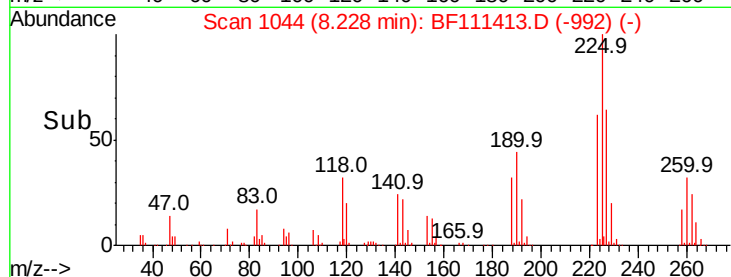


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



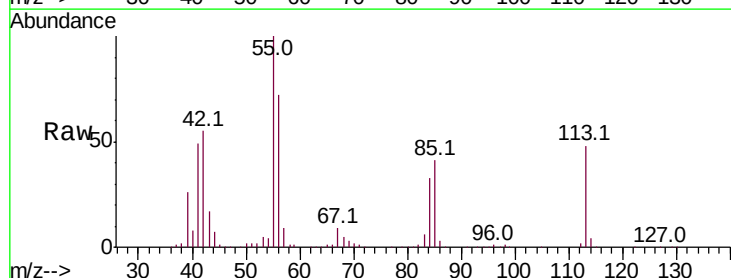
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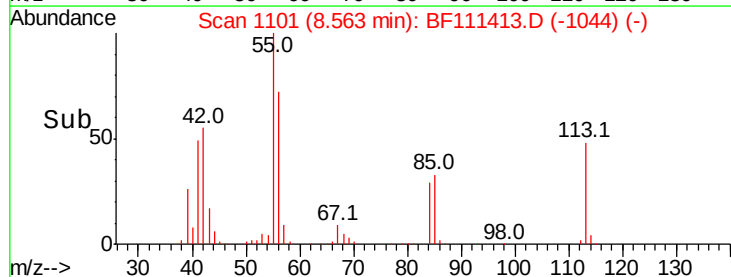
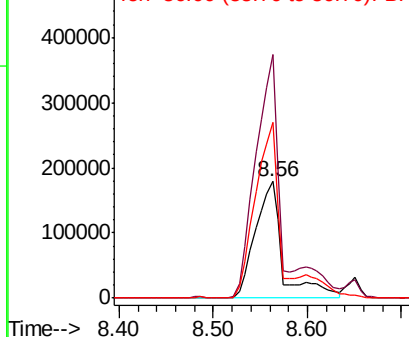


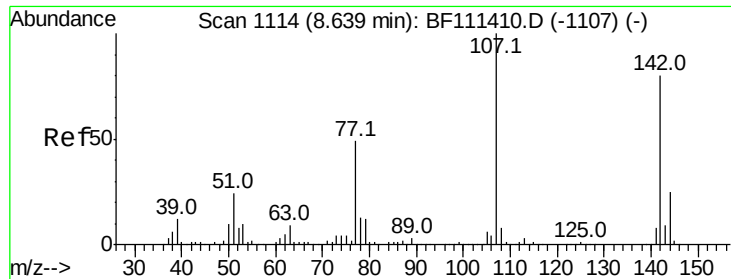
#35
Caprolactam
Concen: 80.388 ng m
RT: 8.56 min Scan# 1101
Delta R.T. 0.04 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	208.6	184.1	224.1	
56	150.6	126.0	166.0	



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



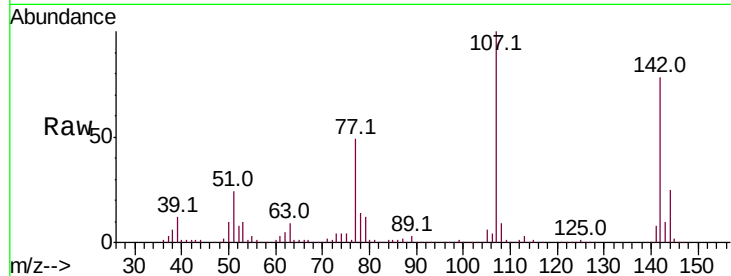


#36
4-Chloro-3-methylphenol
Concen: 76.212 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.8	29.6
142	77.8	62.3	93.5

Manual Integrations
APPROVED

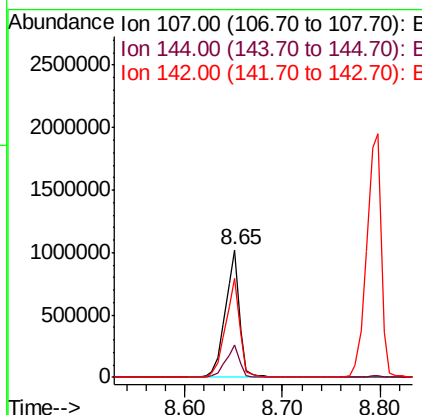
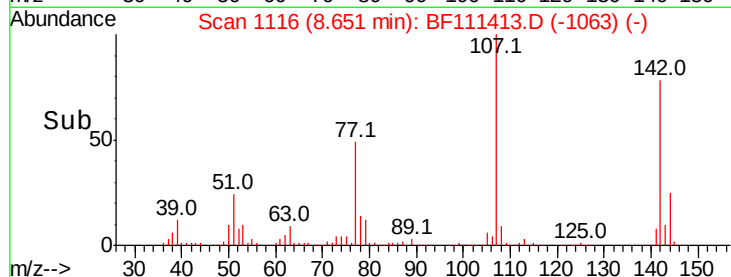


Abundance

Ion 107.00 (106.70 to 107.70): E

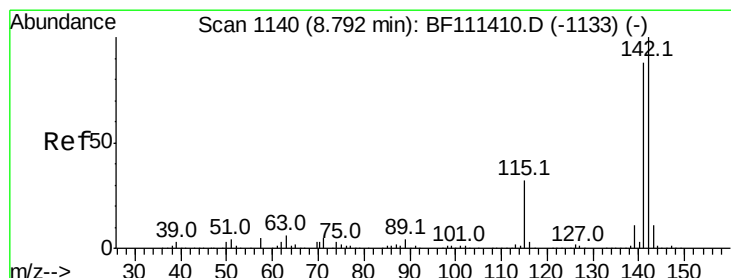
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



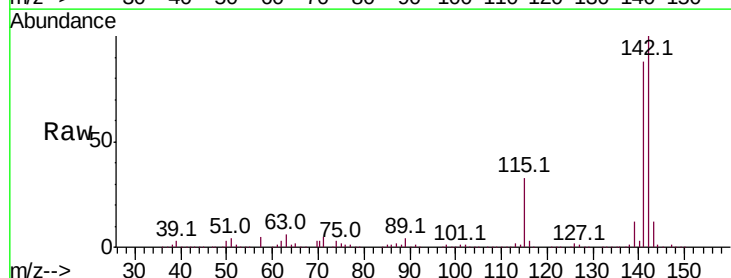
Sohil

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#37
2-Methylnaphthalene
Concen: 74.577 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.6	105.8
115	33.2	27.0	40.6

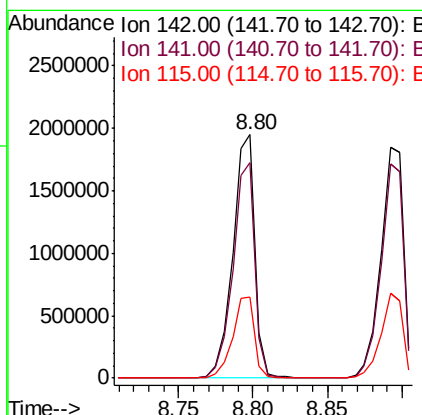
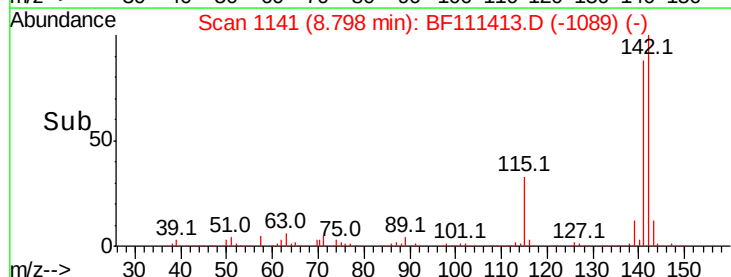


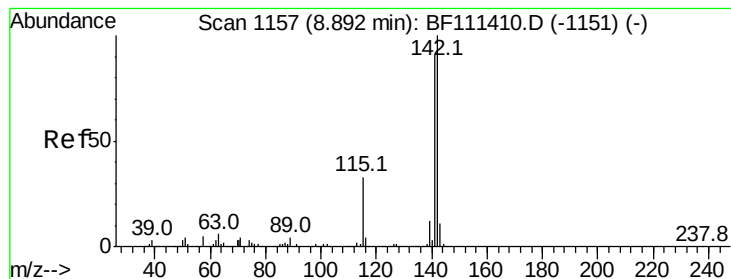
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 73.626 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:142 Resp: 1923611

Ion Ratio Lower Upper

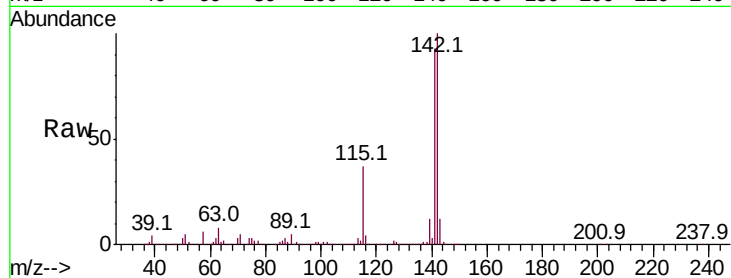
142 100

141 92.7 74.2 111.4

116 3.8 2.9 4.3

Manual Integrations

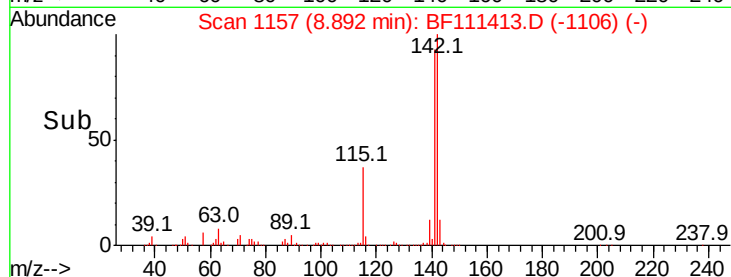
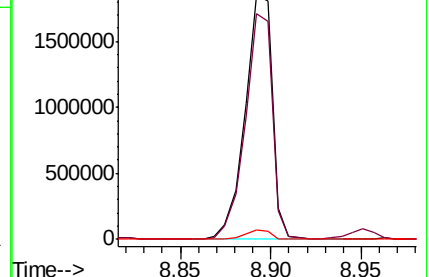
APPROVED



Abundance Ion 142.00 (141.70 to 142.70): E

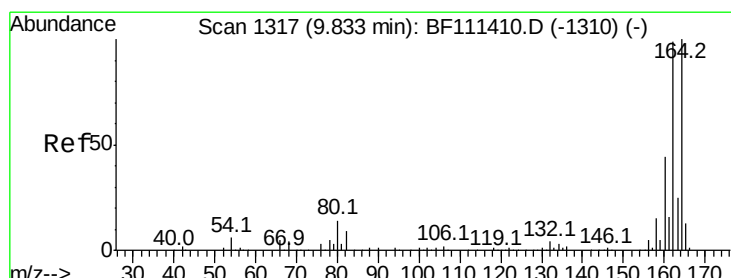
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

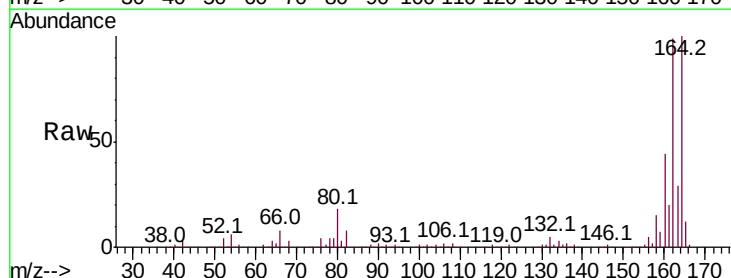
Tgt Ion:164 Resp: 427161

Ion Ratio Lower Upper

164 100

162 98.9 81.4 122.0

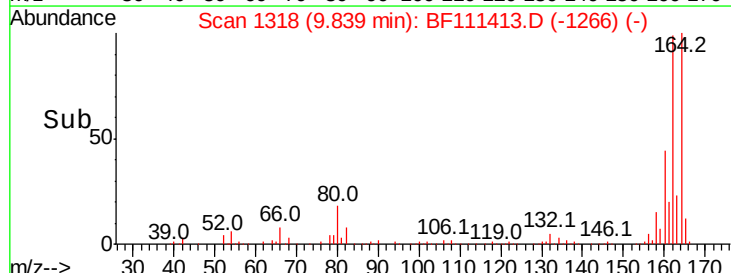
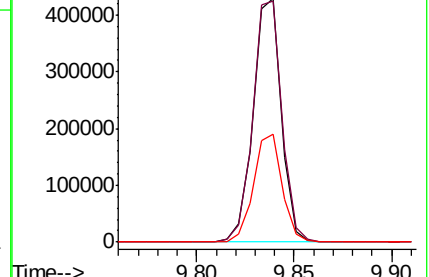
160 44.2 35.7 53.5

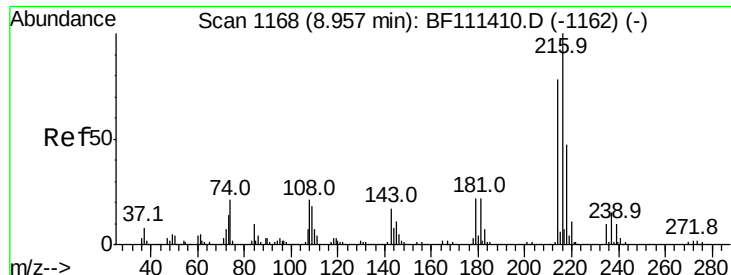


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



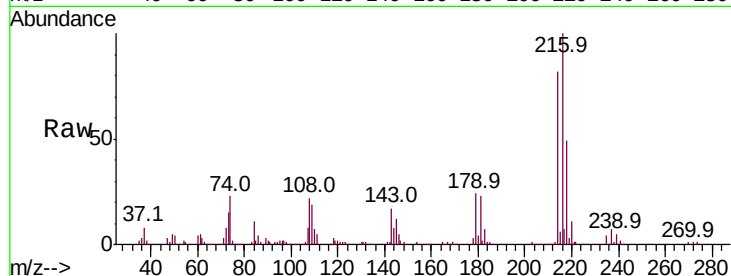


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 71.315 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

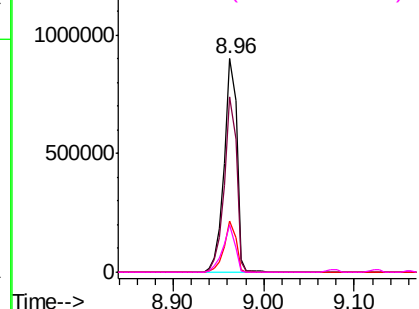
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
216	100	856284		
214	79.9	63.8	95.8	
179	22.7	17.9	26.9	
108	21.9	18.4	27.6	

Manual Integrations
 APPROVED

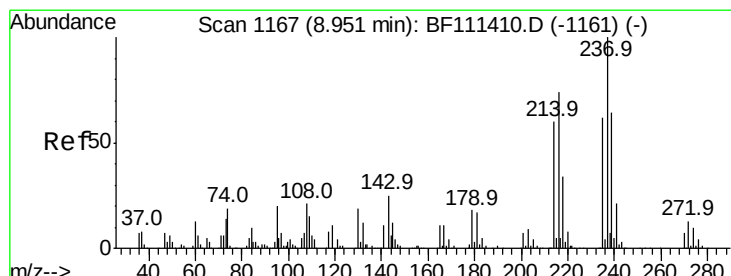
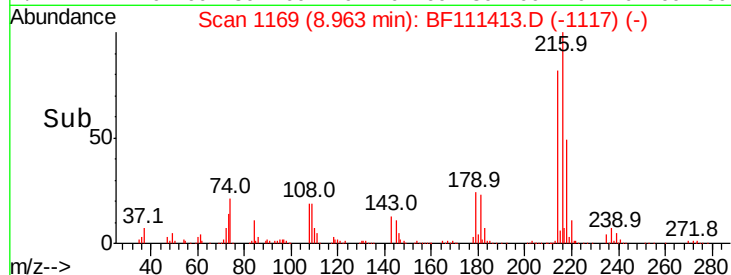


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



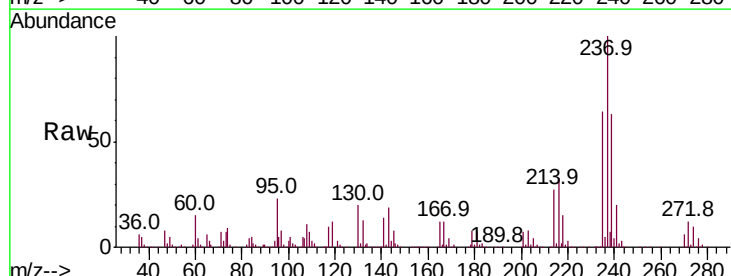
Sohil

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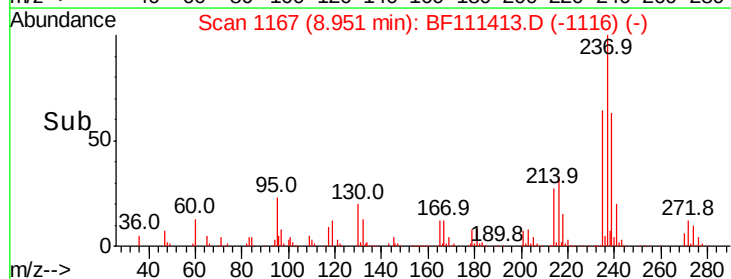
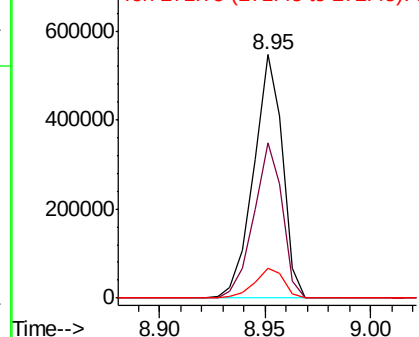


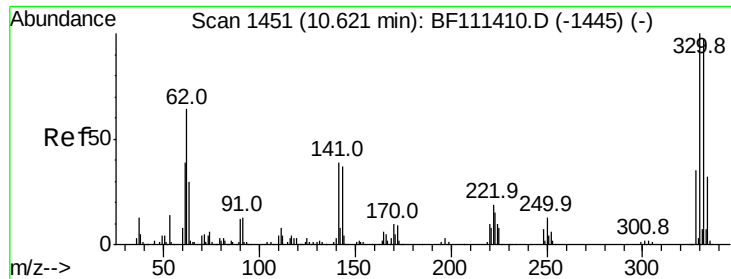
#41
 Hexachlorocyclopentadiene
 Concen: 82.693 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	518465		
235	63.9	43.1	83.1	
272	12.1	0.0	33.0	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 148.480 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

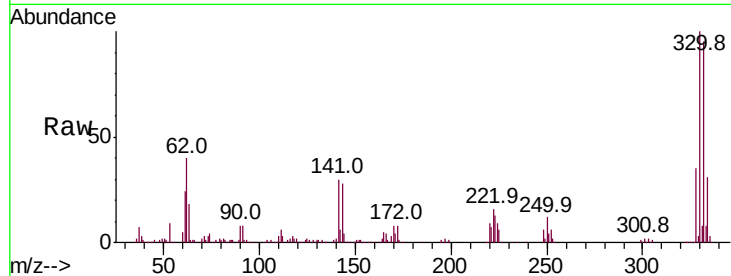
BNA_F

ClientSampleId :

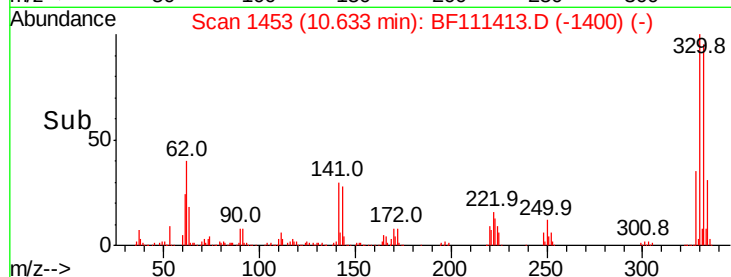
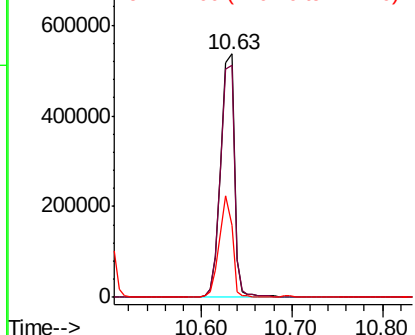
SSTDIC080

Tot Ion:	330	Resp:	559097
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.0	114.0
141	39.5	31.0	46.6

Manual Integrations
APPROVED

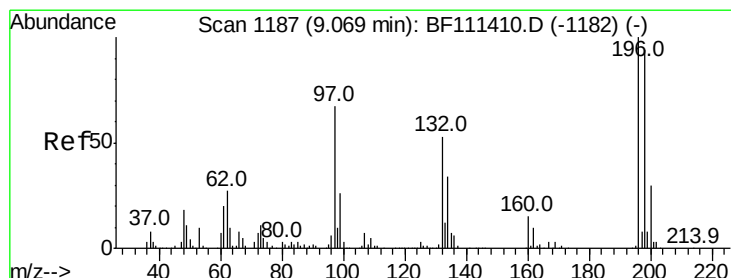


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



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#43

2,4,6-Trichlorophenol

Concen: 74.143 ng

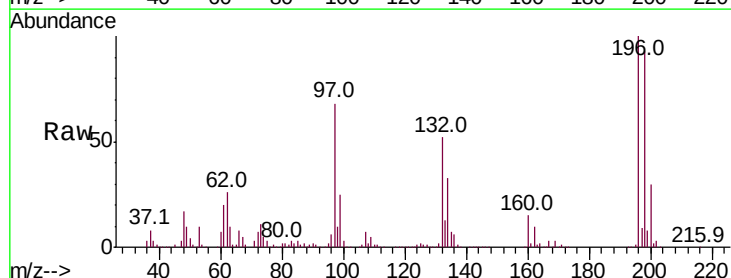
RT: 9.07 min Scan# 1188

Delta R.T. 0.01 min

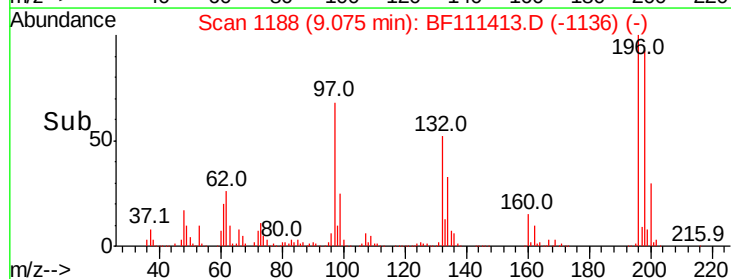
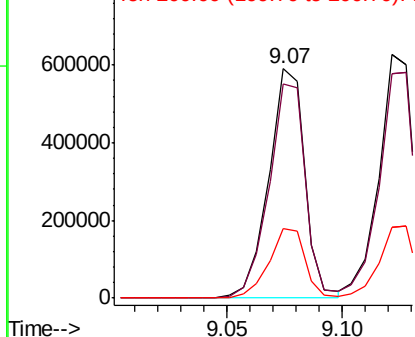
Lab File: BF111413.D

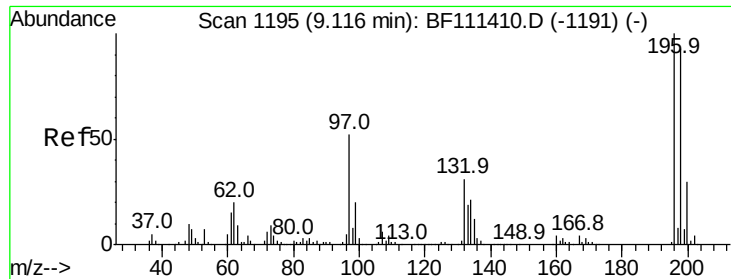
Acq: 14 Dec 2018 12:28

Tgt Ion:	196	Resp:	637189
Ion Ratio	Lower	Upper	
196	100		
198	93.4	76.3	114.5
200	30.4	24.9	37.3



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



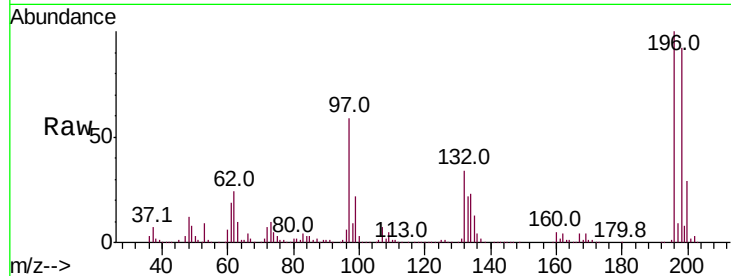


#44
2,4,5-Trichlorophenol
Concen: 74.066 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	672714		
198	92.4		72.9	109.3
97	58.8		45.3	67.9
132	34.3		25.5	38.3

Manual Integrations
APPROVED



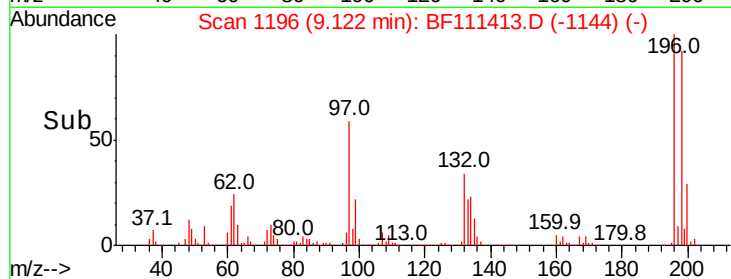
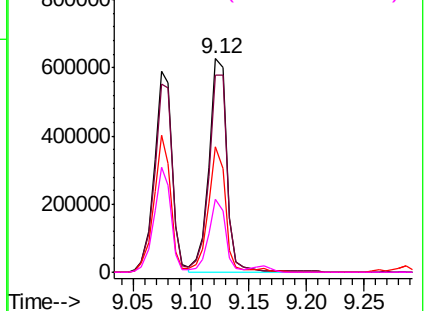
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

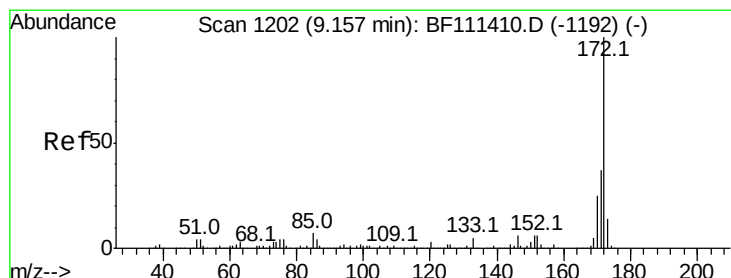
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



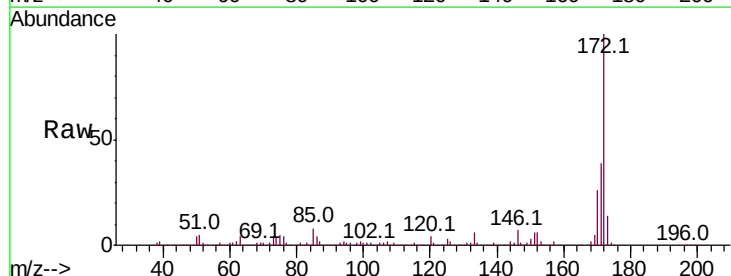
Sohil

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#45
2-Fluorobiphenyl
Concen: 143.442 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3816472		
171	38.9		33.0	49.4
170	26.2		22.3	33.5

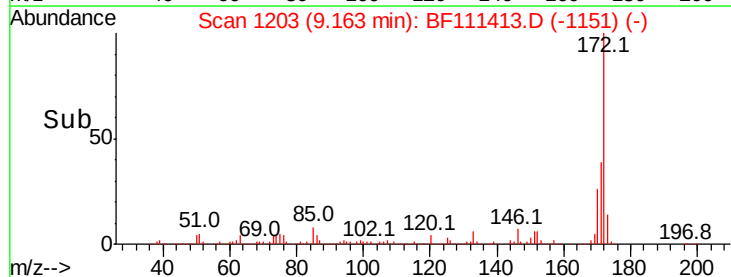
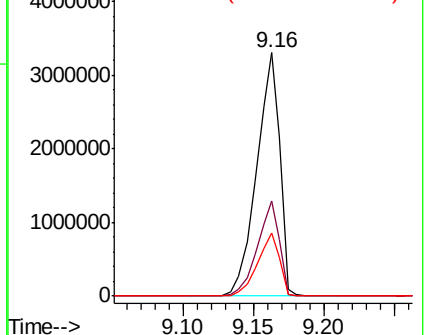


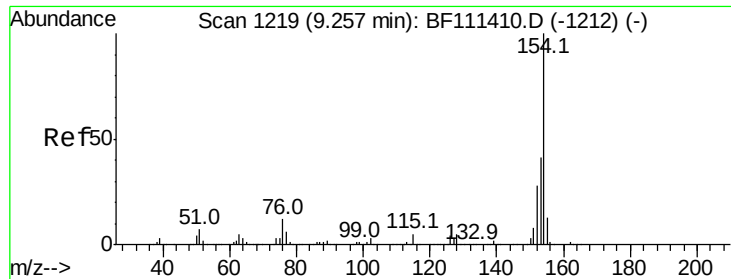
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



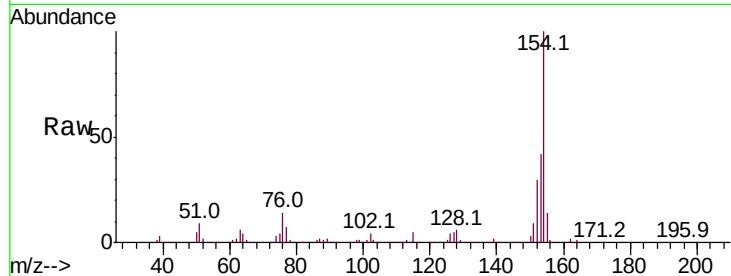


#46
 1,1'-Biphenyl
 Concen: 70.738 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	23.7	63.7
76	13.9	0.0	35.0

Manual Integrations
 APPROVED

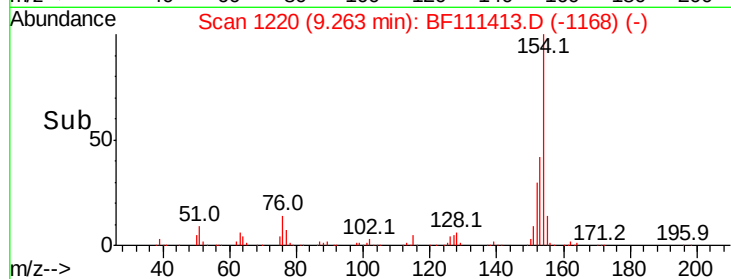
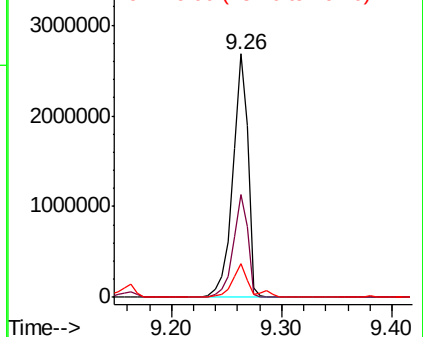


Abundance

Ion 154.00 (153.70 to 154.70): E

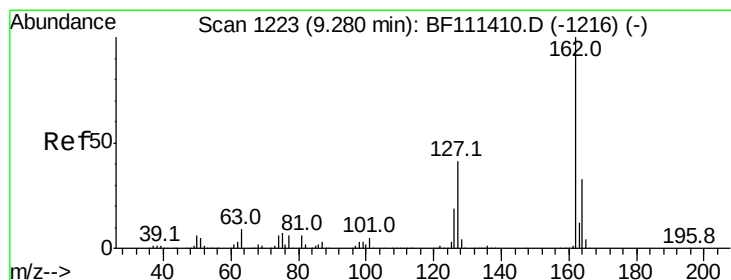
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



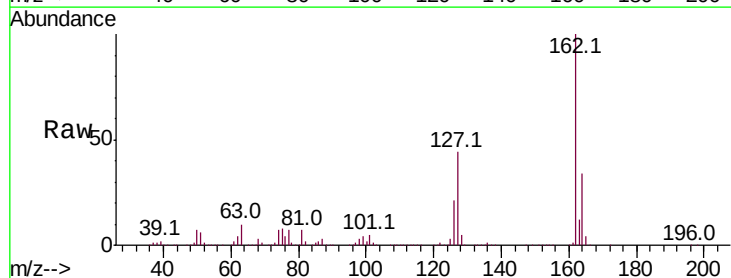
Sohil

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#47
 2-Chloronaphthalene
 Concen: 71.991 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.8	35.0	52.4
164	33.8	28.4	42.6

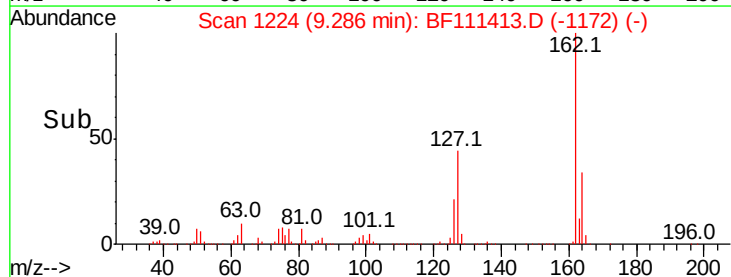
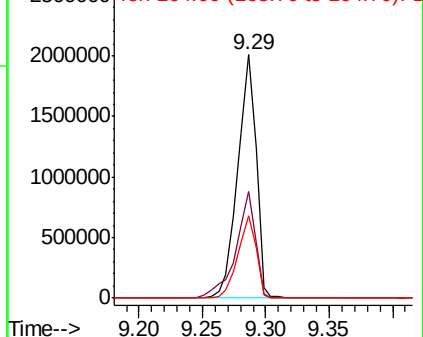


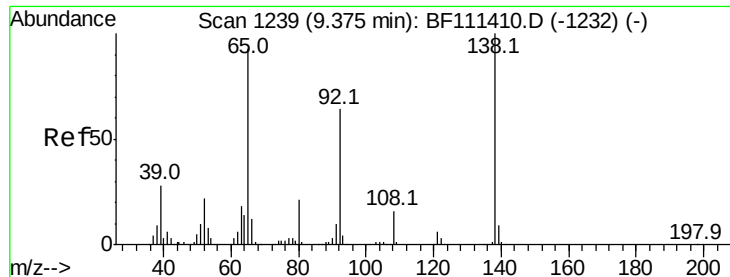
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



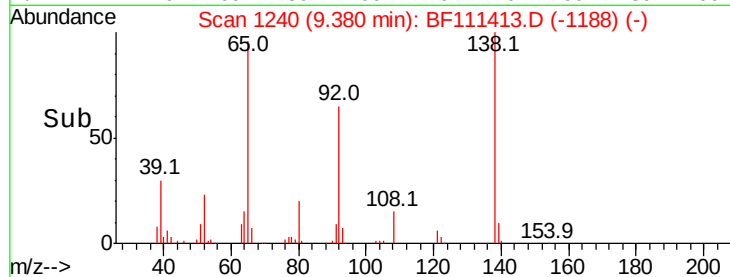
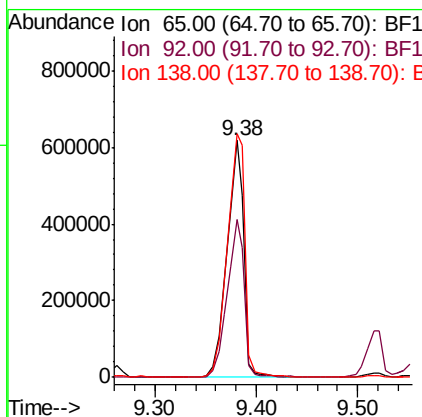
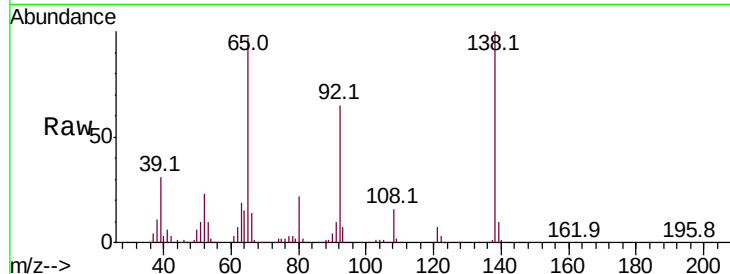


#48
2-Nitroaniline
Concen: 78.382 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampled :
SSTDIC080

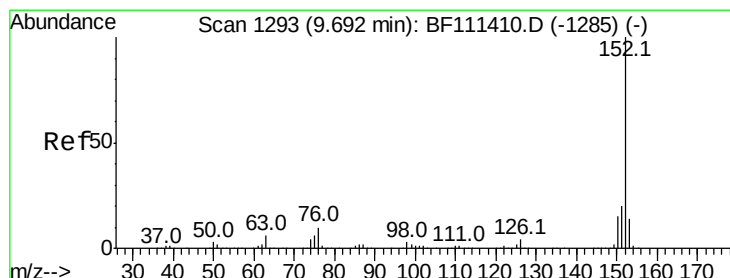
Tot Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.5	80.3
138	102.8	80.9	121.3

Manual Integrations
APPROVED



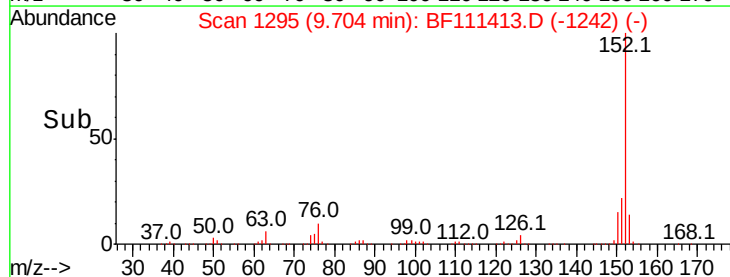
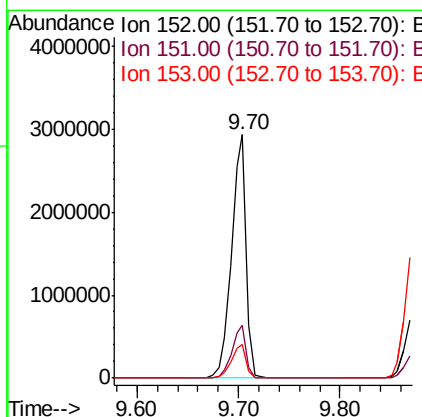
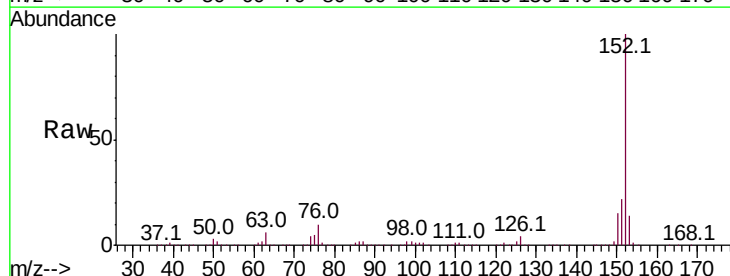
Sohil

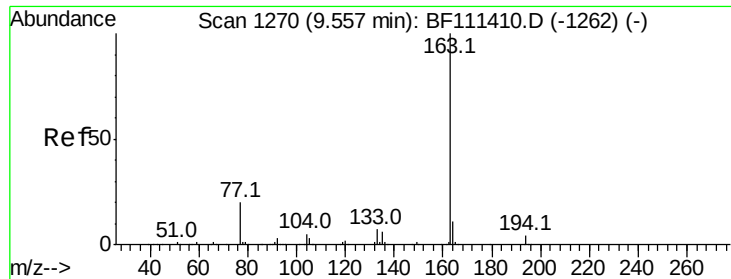
12/17/2018 2:36:15 PM



#49
Acenaphthylene
Concen: 71.076 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	18.0	27.0
153	13.9	12.3	18.5



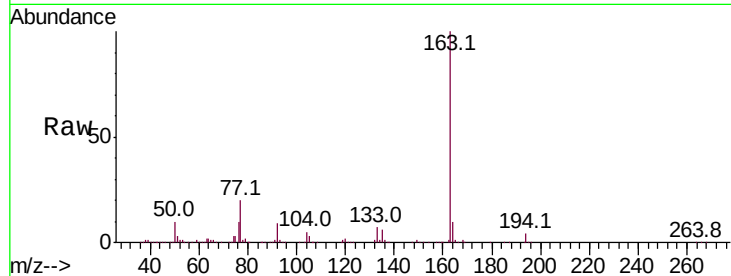


#50
Dimethylphthalate
Concen: 75.871 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.02 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.9	8.9	13.3

Manual Integrations
APPROVED

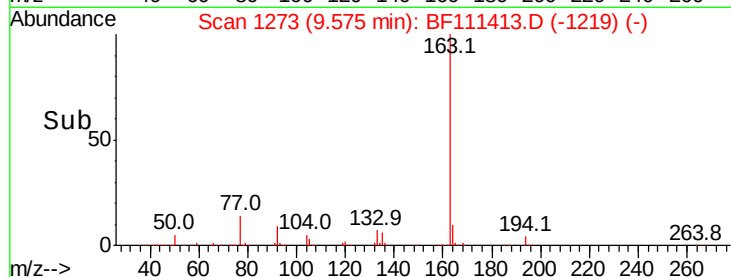
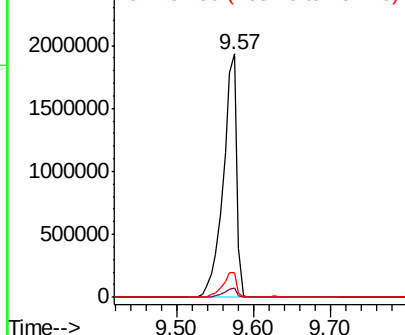


Abundance

Ion 163.00 (162.70 to 163.70): E

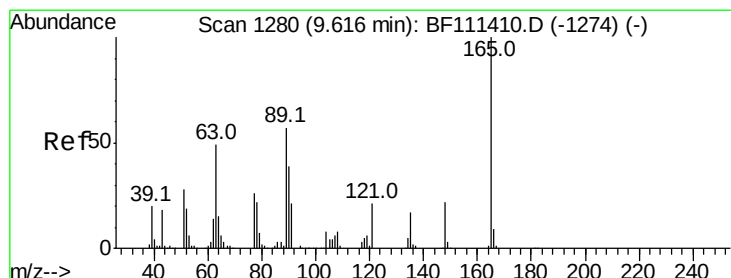
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



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#51
2,6-Dinitrotoluene
Concen: 77.846 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

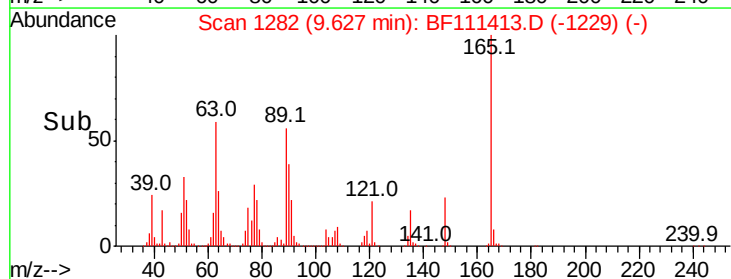
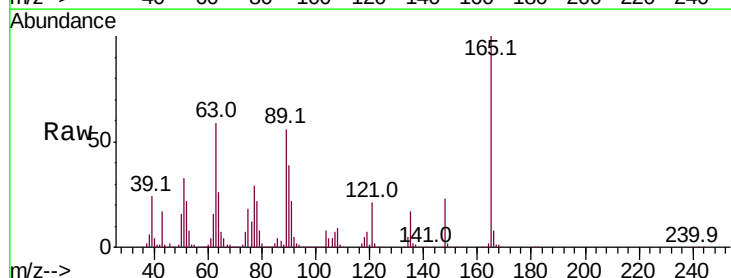
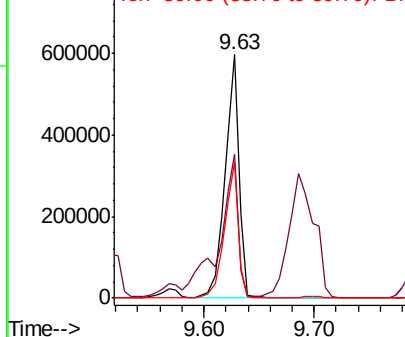
Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.0	40.5	60.7
89	56.0	40.0	60.0

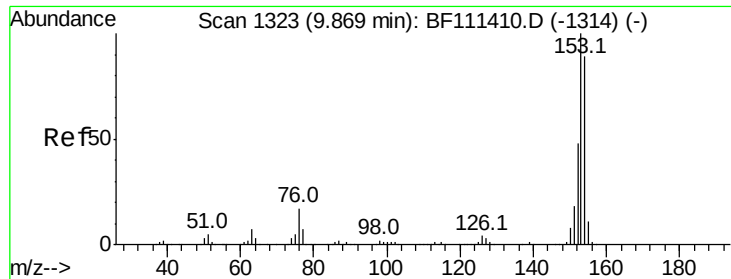
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 73.933 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1901613

Ion Ratio Lower Upper

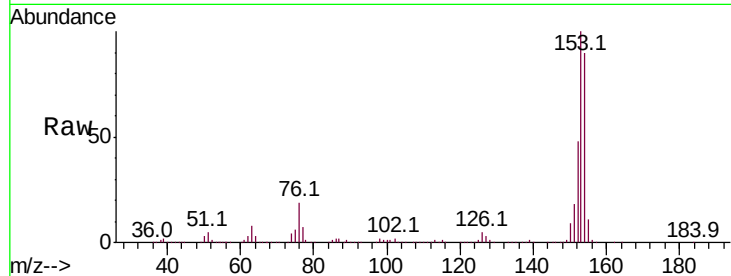
154 100

153 111.3 87.8 131.8

152 53.3 43.4 65.2

Manual Integrations

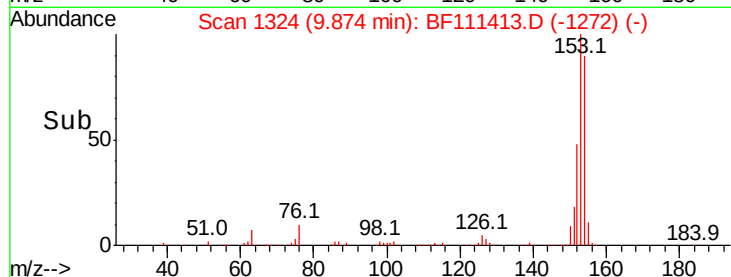
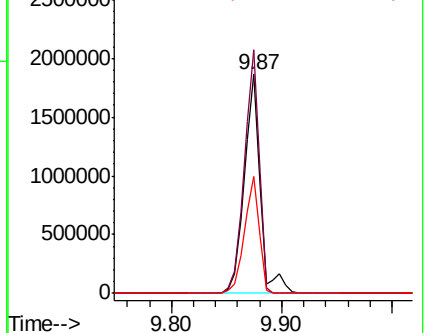
APPROVED



Abundance Ion 154.00 (153.70 to 154.70): E

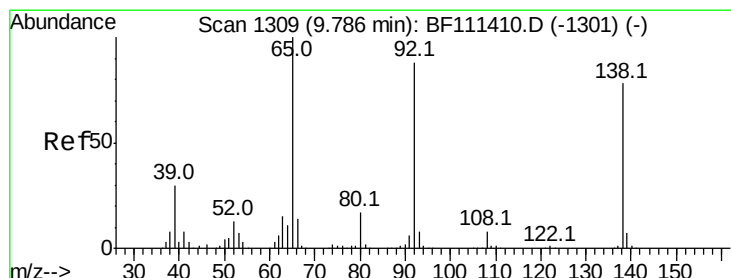
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



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#53

3-Nitroaniline

Concen: 78.452 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

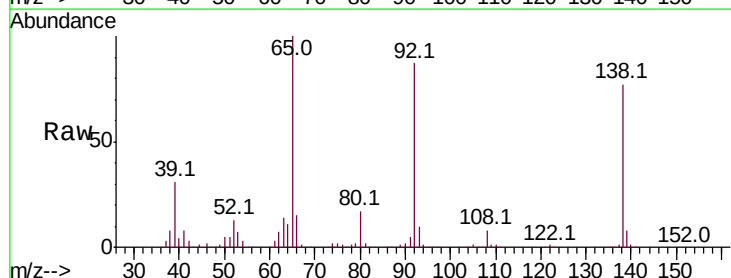
Tgt Ion:138 Resp: 642070

Ion Ratio Lower Upper

138 100

108 10.2 8.2 12.4

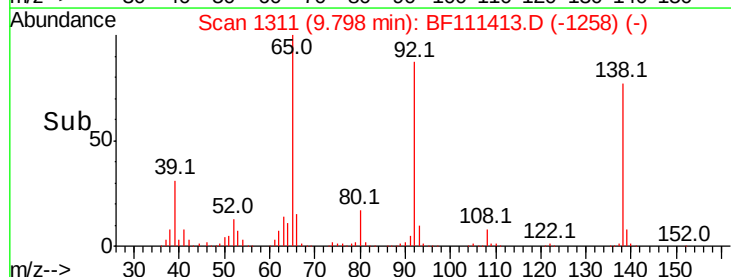
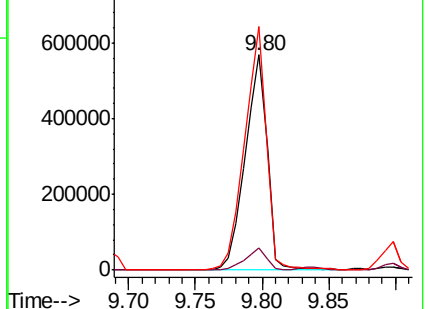
92 113.1 93.4 140.2

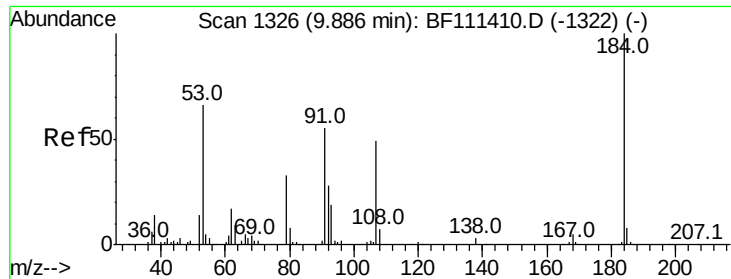


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



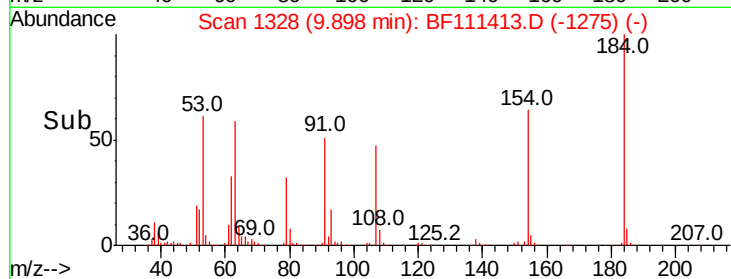
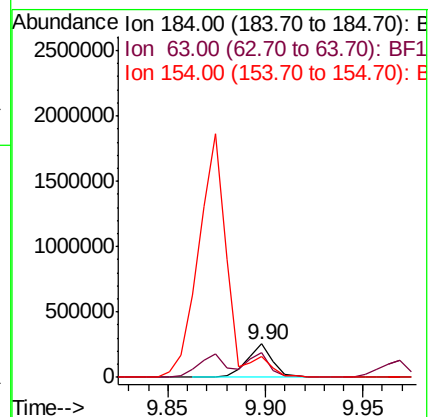
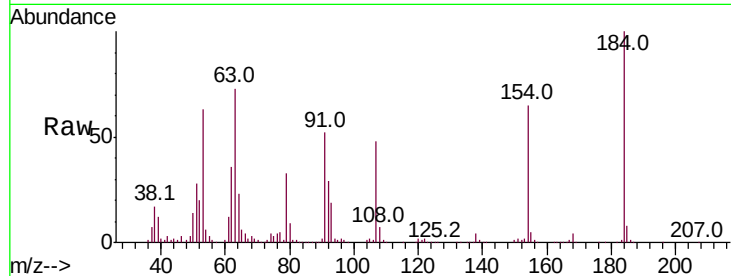


#54
2,4-Dinitrophenol
Concen: 86.346 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampled :
SSTDIC080

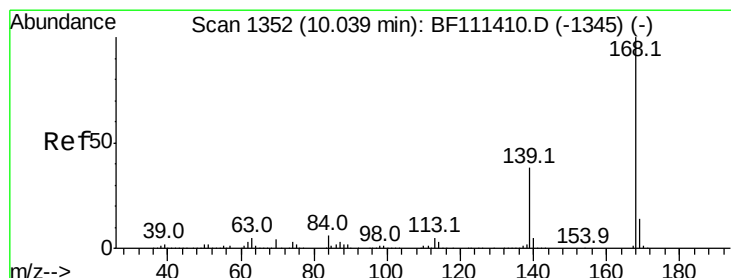
Tot Ion	Ratio	Lower	Upper
184	100		
63	72.8	62.3	93.5
154	64.6	56.2	84.2

Manual Integrations
APPROVED



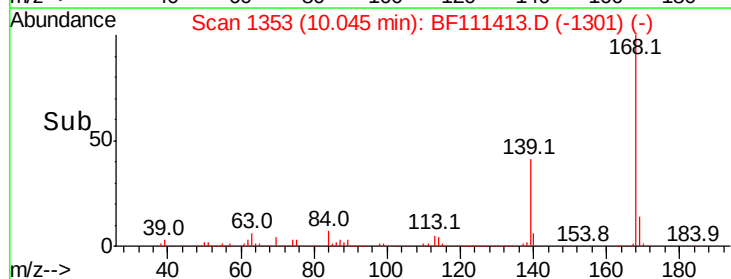
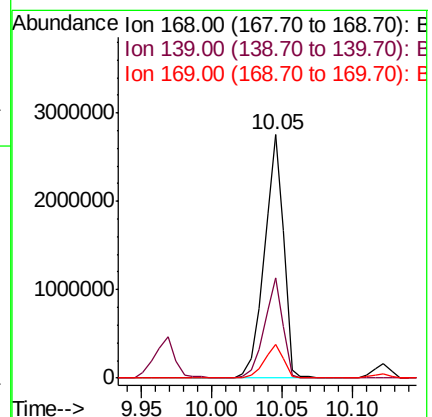
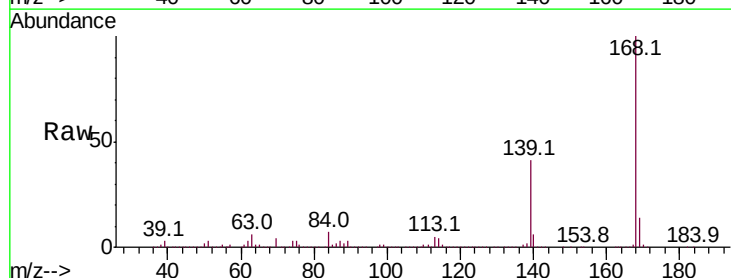
Sohil

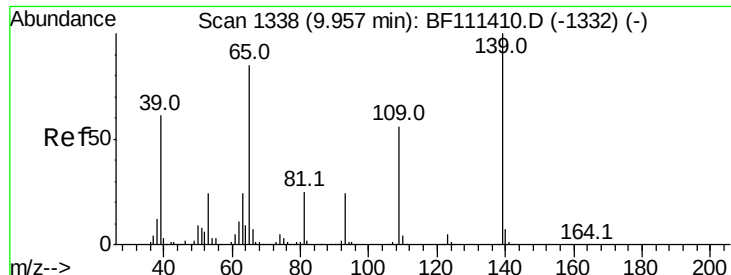
12/17/2018 2:36:15 PM



#55
Dibenzofuran
Concen: 71.328 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	32.6	49.0
169	14.1	11.8	17.6





#56

4-Nitrophenol

Concen: 80.331 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

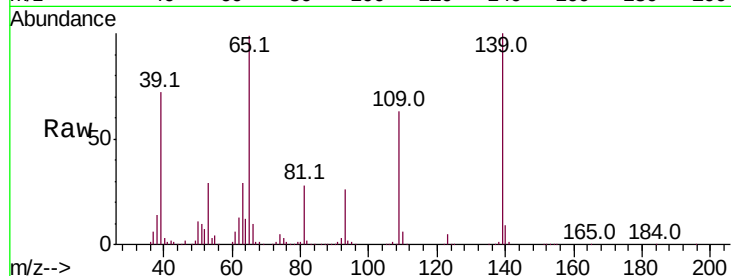
BNA_F

ClientSampleId :

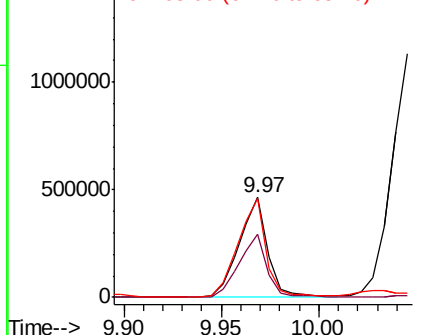
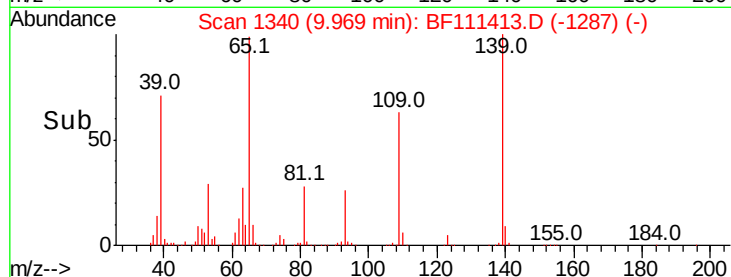
SSTDIC080

Tot Ion:	139	Resp:	473453
Ion Ratio	Lower	Upper	
139	100		
109	63.0	41.8	81.8
65	99.0	79.6	119.6

Manual Integrations
APPROVED

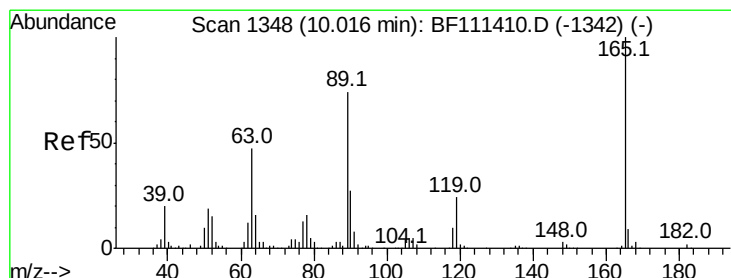


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



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#57

2,4-Dinitrotoluene

Concen: 79.520 ng

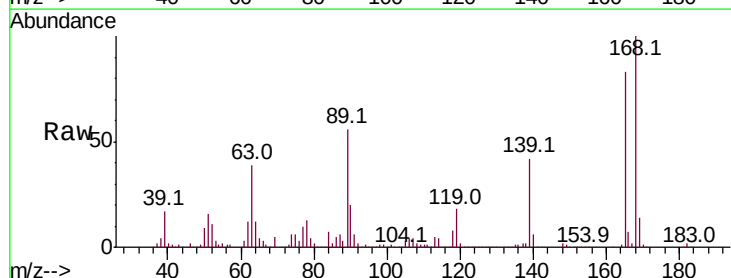
RT: 10.03 min Scan# 1351

Delta R.T. 0.02 min

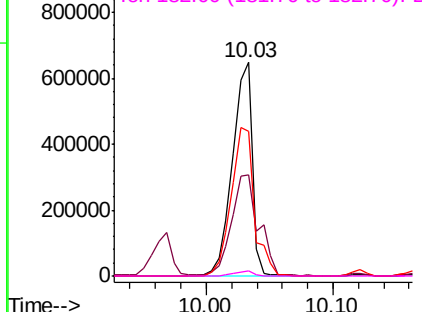
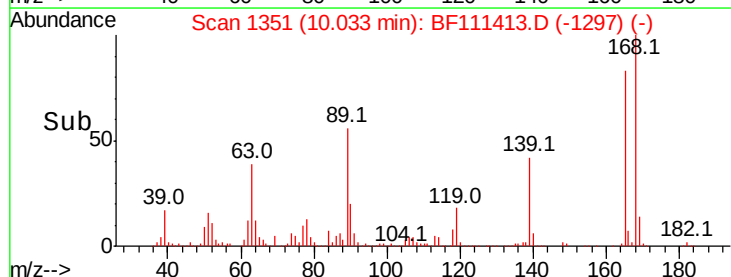
Lab File: BF111413.D

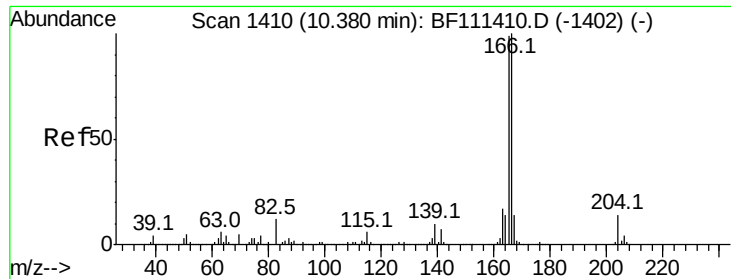
Acq: 14 Dec 2018 12:28

Tgt Ion:	165	Resp:	693933
Ion Ratio	Lower	Upper	
165	100		
63	47.6	34.6	52.0
89	67.8	56.2	84.4
182	2.4	1.8	2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



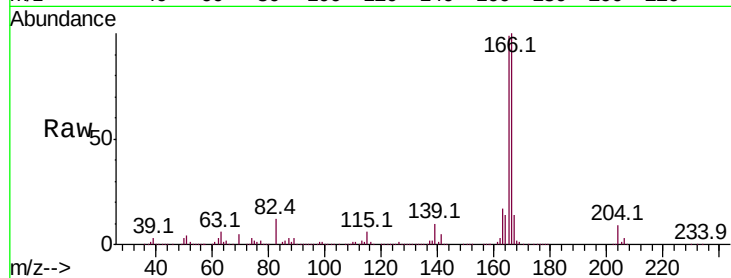


#58
 Fluorene
 Concen: 72.242 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.4	117.6
167	14.0	11.2	16.8

Manual Integrations
 APPROVED

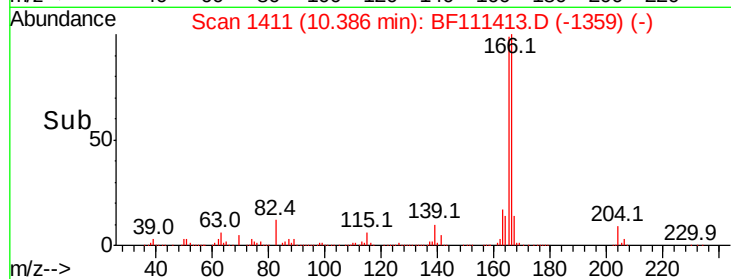
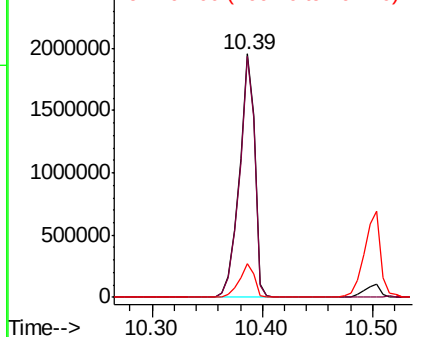


Abundance

Ion 166.00 (165.70 to 166.70): E

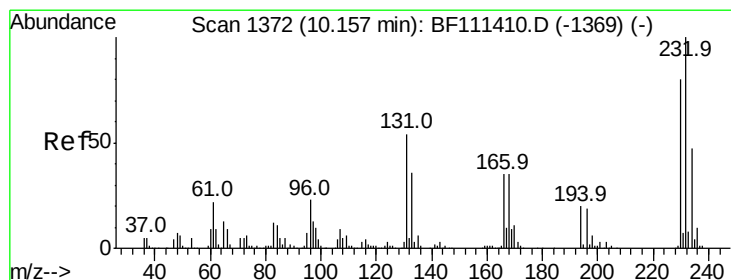
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Sohil

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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 73.144 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.5	40.9	61.3
130	2.4	2.0	3.0
166	34.5	26.8	40.2

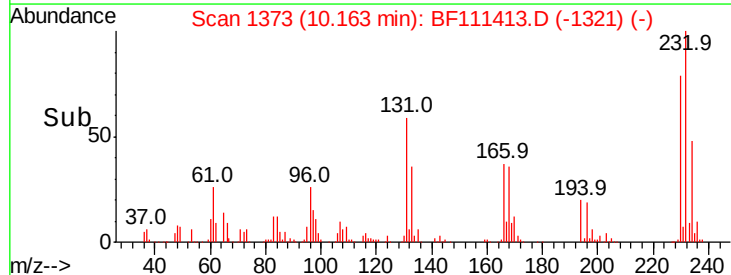
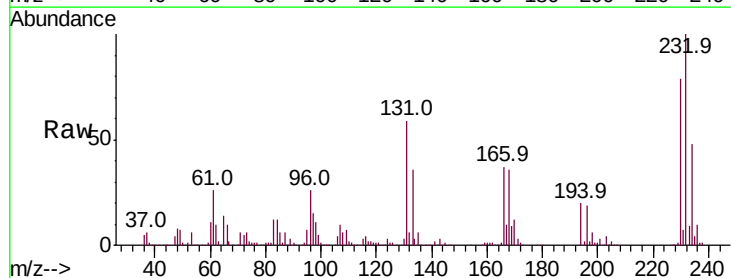
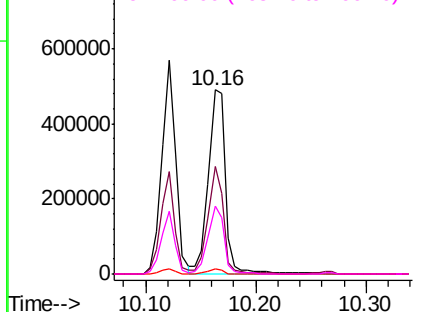
Abundance

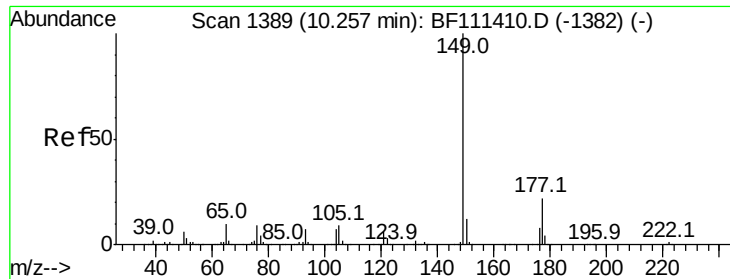
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



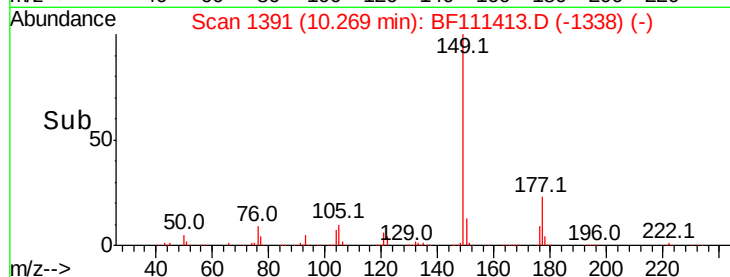
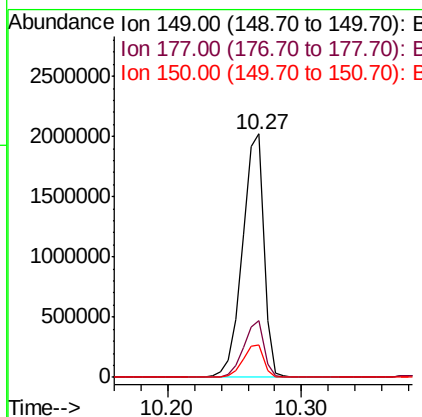
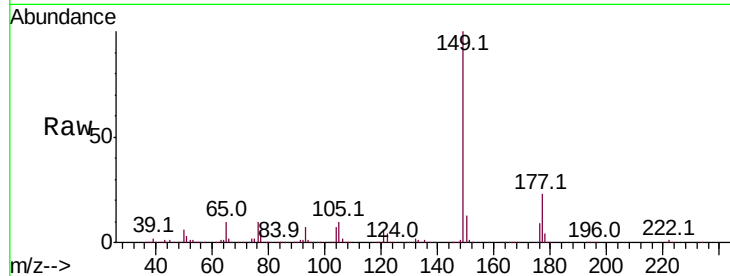


#60
Diethylphthalate
Concen: 72.342 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampled :
SSTDIC080

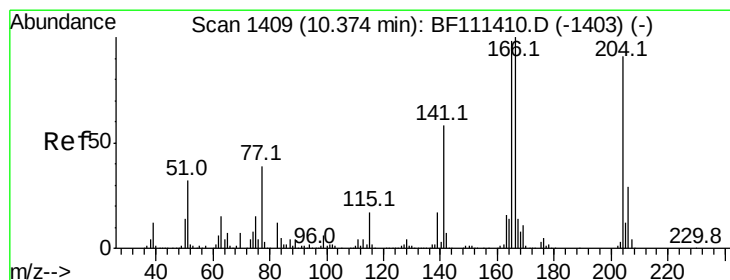
Tot Ion:	149	Resp:	2237164
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	13.3	10.6	15.8

Manual Integrations
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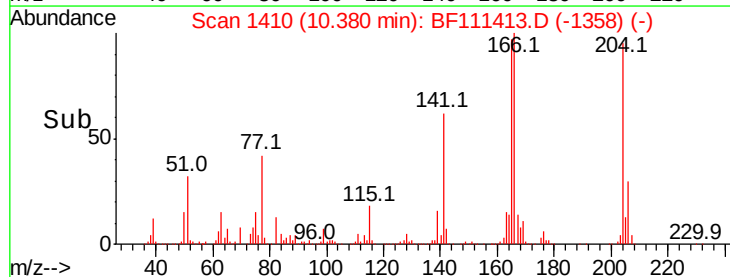
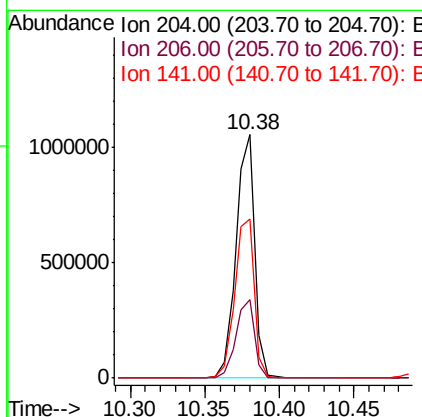
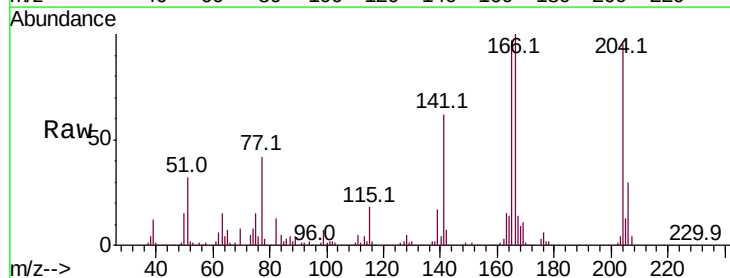
Sohil

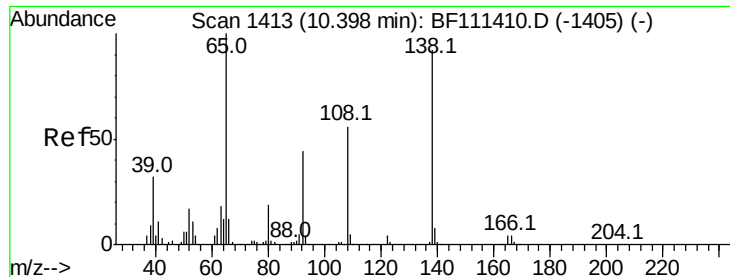
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#61
4-Chlorophenyl-phenylether
Concen: 70.480 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion:	204	Resp:	928085
Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	65.3	52.6	78.8





#62

4-Nitroaniline

Concen: 80.460 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.02 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:138 Resp: 632941

Ion Ratio Lower Upper

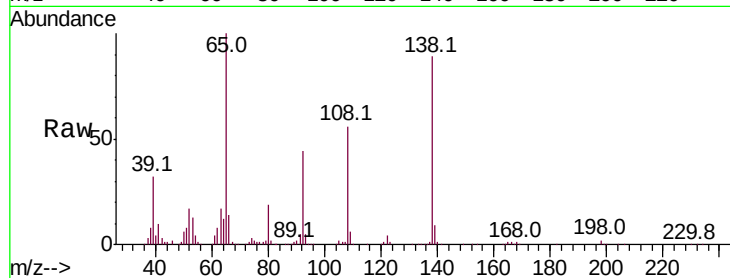
138 100

92 49.6 29.9 69.9

108 63.3 43.2 83.2

Manual Integrations

APPROVED

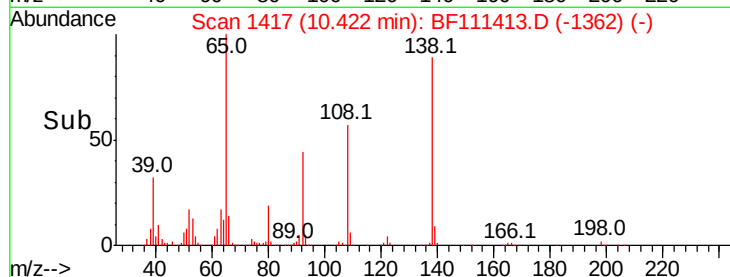
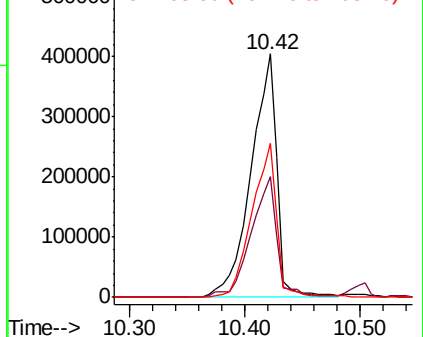


Abundance

Ion 138.00 (137.70 to 138.70): E

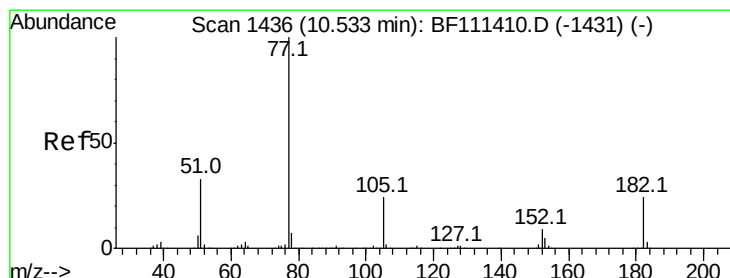
Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



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#63

Azobenzene

Concen: 71.188 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Tgt Ion: 77 Resp: 2219667

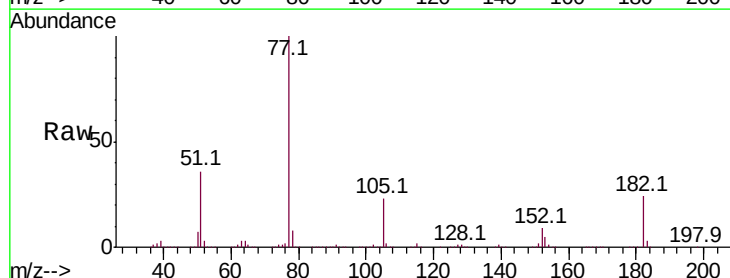
Ion Ratio Lower Upper

77 100

182 23.9 4.9 44.9

105 23.5 6.0 46.0

51 35.7 14.7 54.7



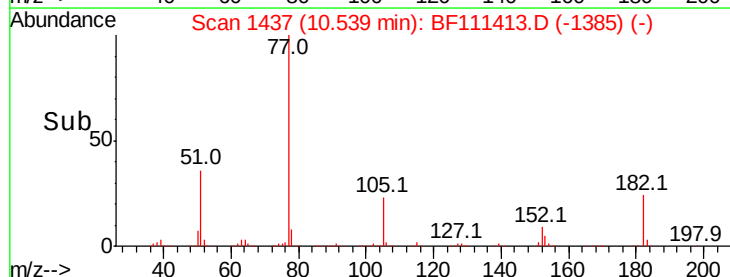
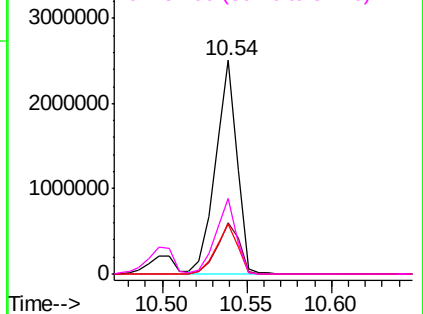
Abundance

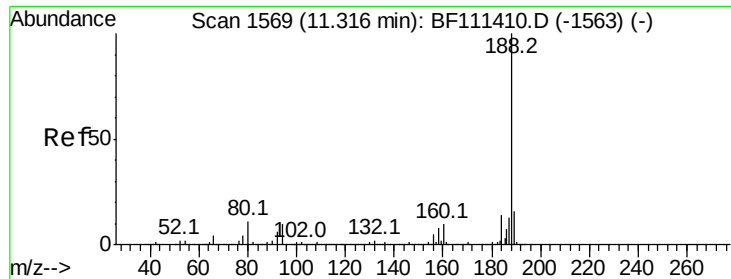
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

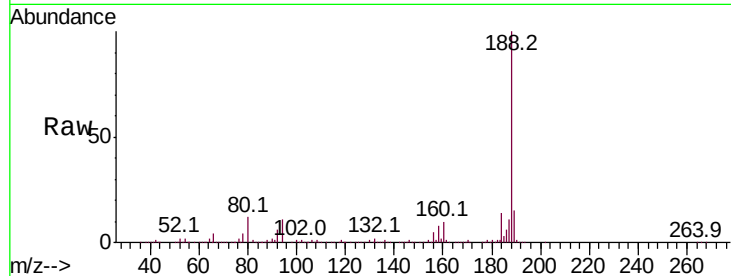
BNA_F

ClientSampled :

SSTDIC080

Tot Ion:	188	Resp:	755496
Ion Ratio	Lower	Upper	
188	100		
94	10.8	9.6	14.4
80	11.6	9.8	14.6

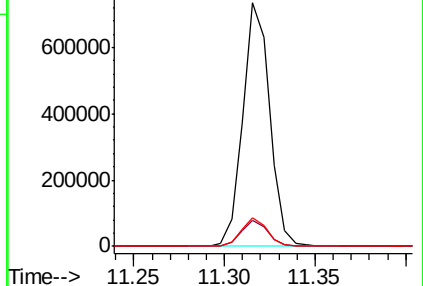
Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E

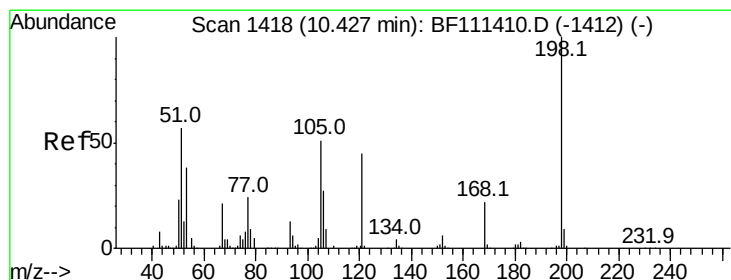
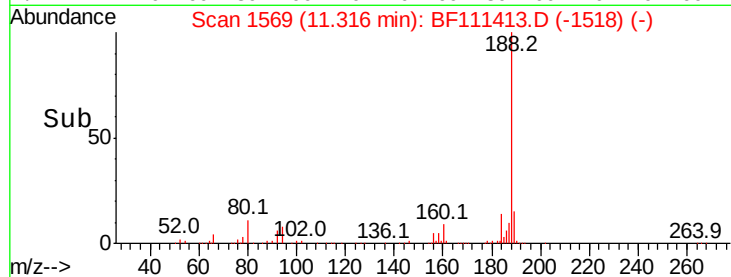
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



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#65

4,6-Dinitro-2-methylphenol

Concen: 78.260 ng

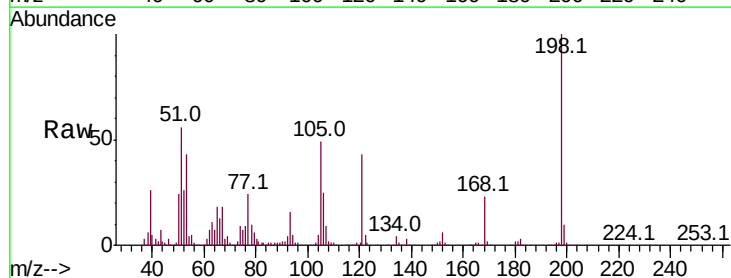
RT: 10.45 min Scan# 1421

Delta R.T. 0.02 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

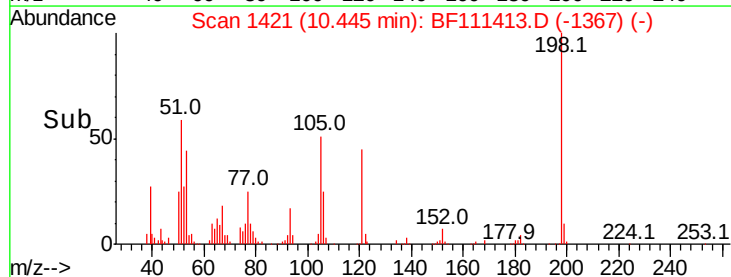
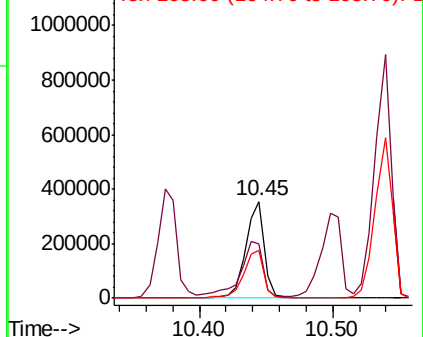
Tgt Ion:	198	Resp:	339440
Ion Ratio	Lower	Upper	
198	100		
51	55.9	48.0	88.0
105	48.9	34.0	74.0

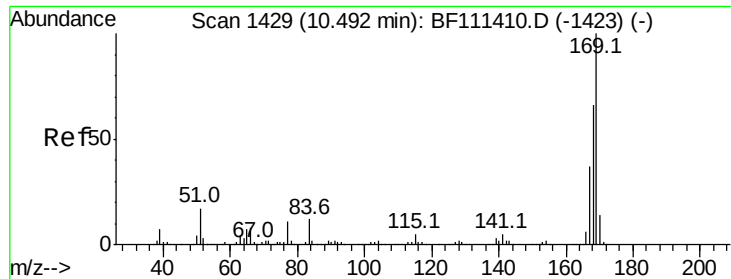


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



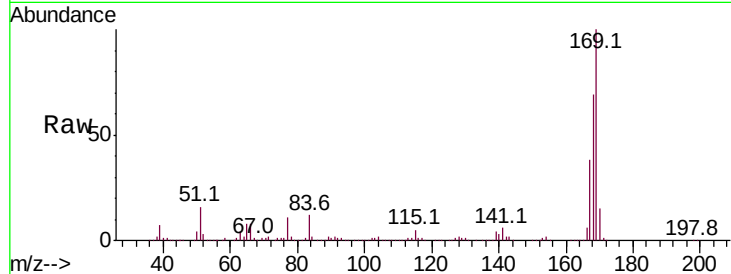


#66
 n-Nitrosodiphenylamine
 Concen: 70.110 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

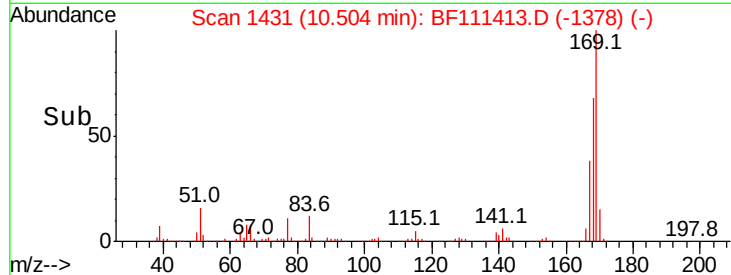
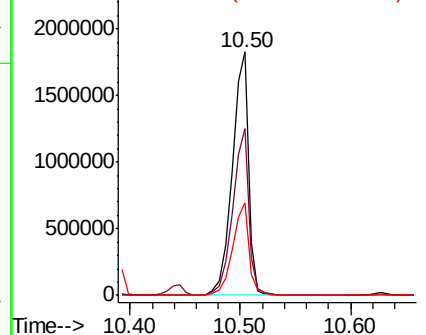
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion:	169	Resp:	1884162
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.4	81.6
167	37.8	30.5	45.7

Manual Integrations
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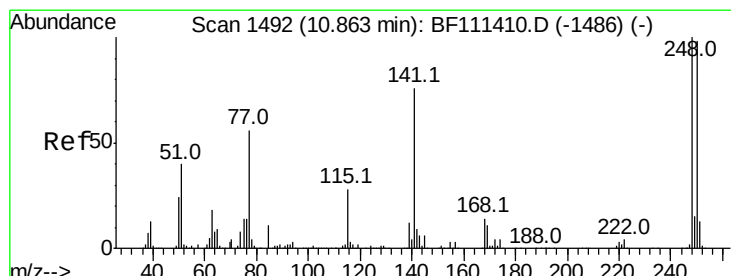


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



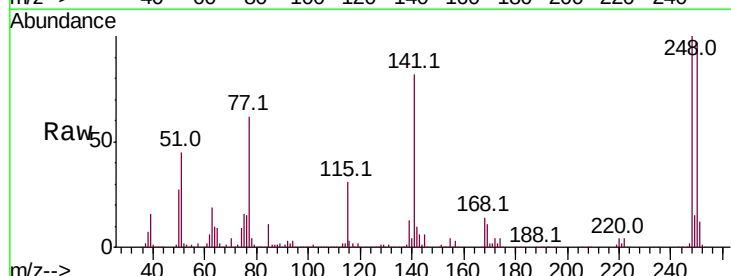
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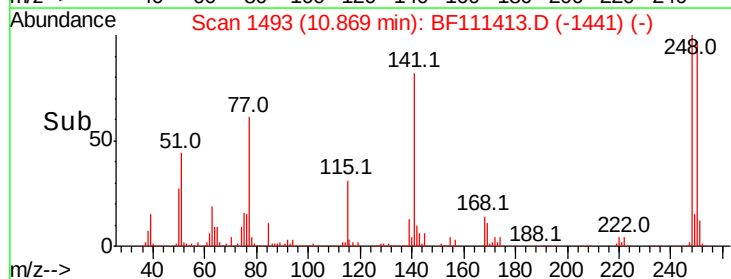
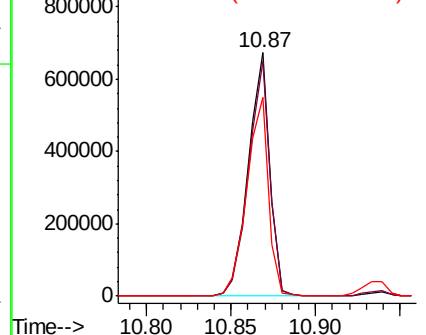


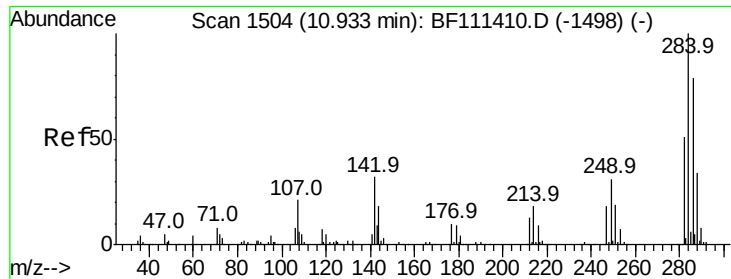
#67
 4-Bromophenyl-phenylether
 Concen: 71.326 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Tgt Ion:	248	Resp:	599893
Ion Ratio	Lower	Upper	
248	100		
250	96.5	77.0	115.4
141	81.8	63.0	94.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 70.673 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

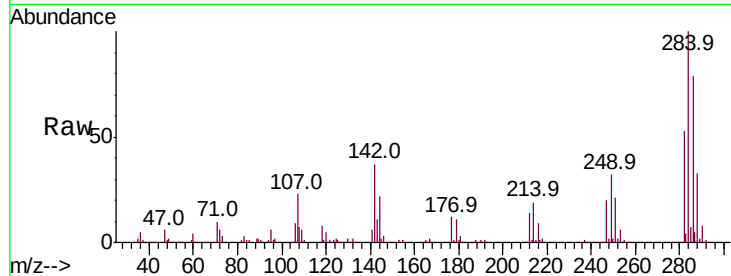
BNA_F

ClientSampled :

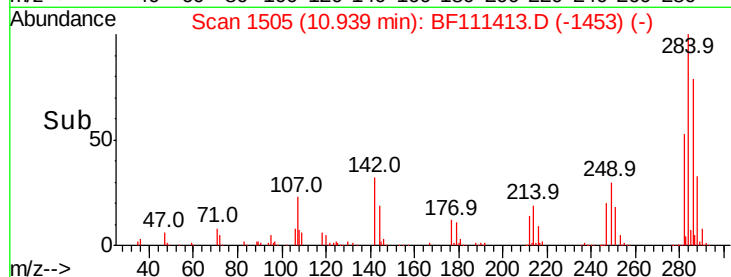
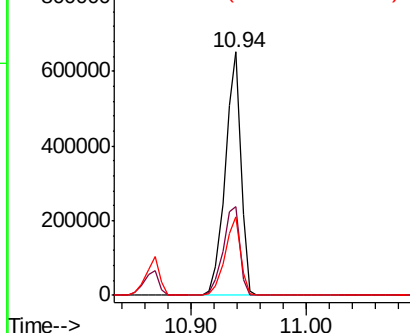
SSTDIC080

Tot Ion:	284	Resp:	612058
Ion Ratio		Lower	Upper
284	100		
142	36.6	27.4	41.2
249	32.1	24.4	36.6

Manual Integrations
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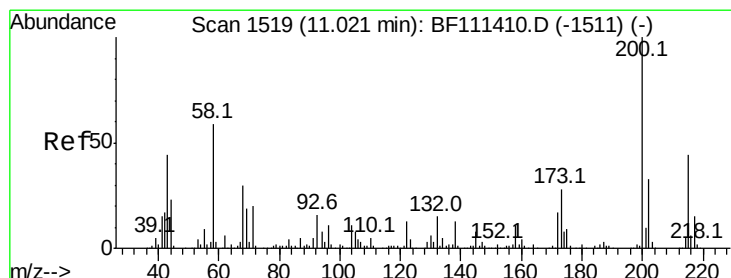


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



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#69

Atrazine

Concen: 61.181 ng

RT: 11.03 min Scan# 1520

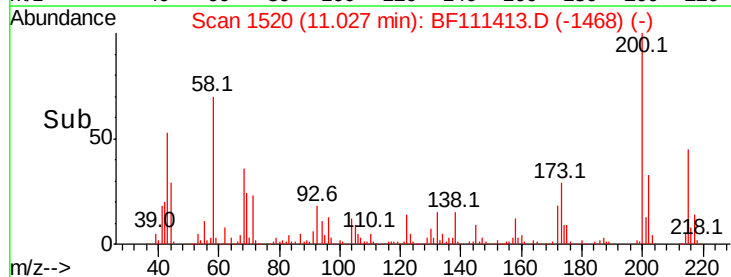
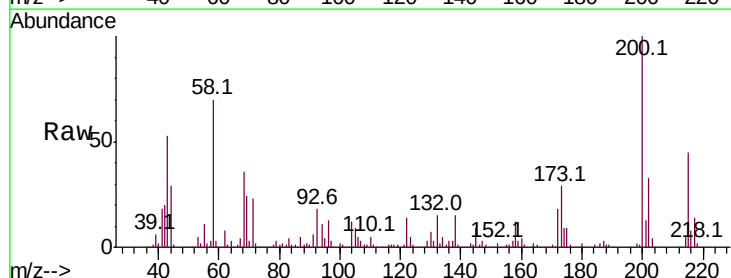
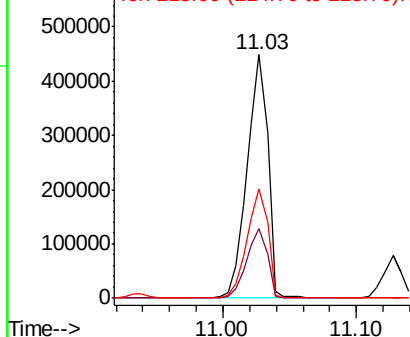
Delta R.T. 0.01 min

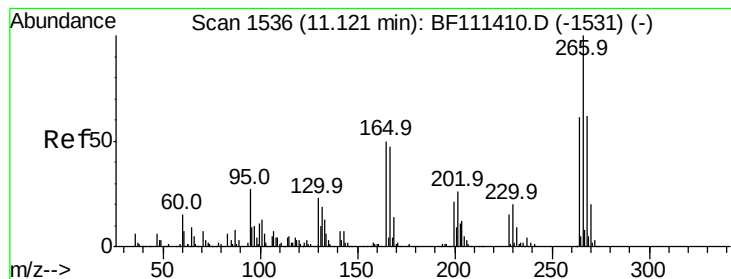
Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Tgt Ion:	200	Resp:	475547
Ion Ratio		Lower	Upper
200	100		
173	28.6	10.1	50.1
215	44.6	26.9	66.9

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 72.282 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:266 Resp: 416579

Ion Ratio Lower Upper

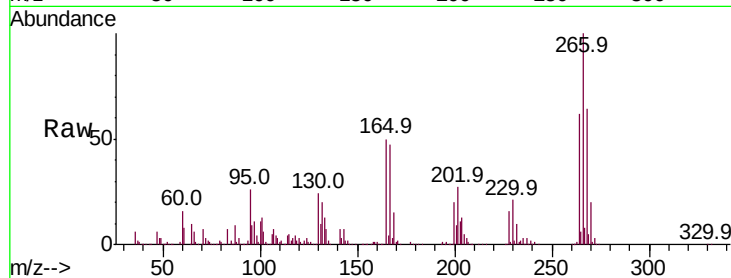
266 100

268 64.0 47.9 71.9

264 62.5 49.1 73.7

Manual Integrations

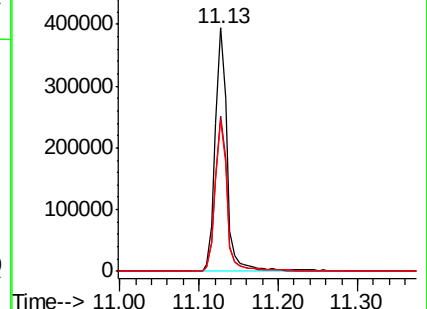
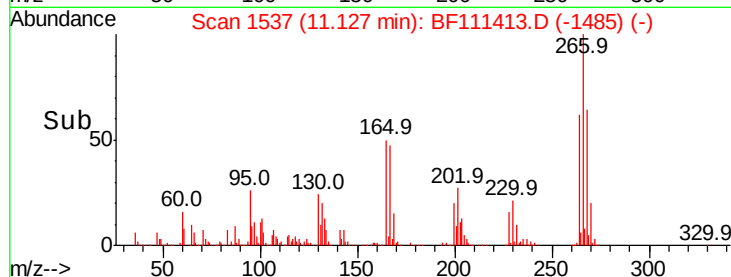
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Abundance Ion 265.70 (265.40 to 266.40): E

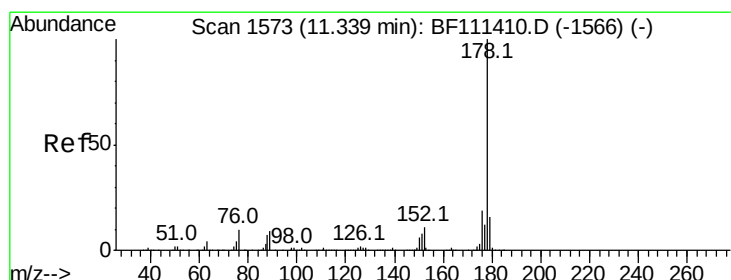
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



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#71

Phenanthrene

Concen: 71.132 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

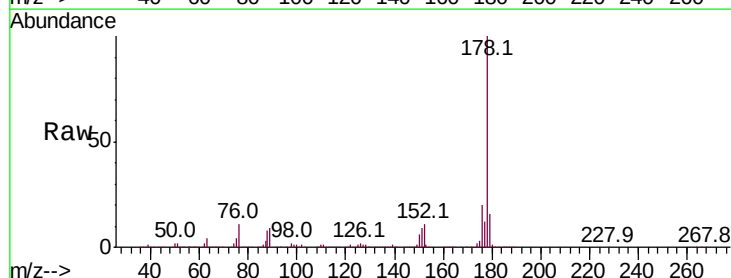
Tgt Ion:178 Resp: 2777694

Ion Ratio Lower Upper

178 100

176 20.4 18.1 27.1

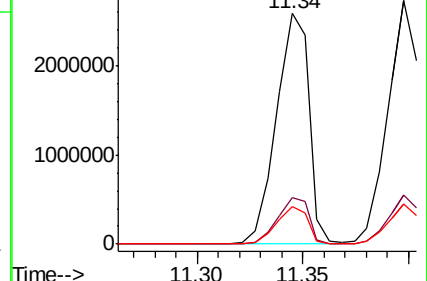
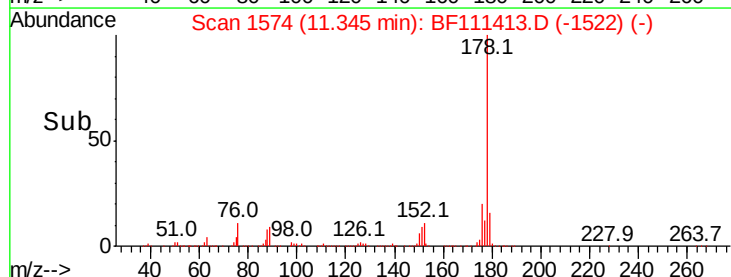
179 16.5 14.0 21.0

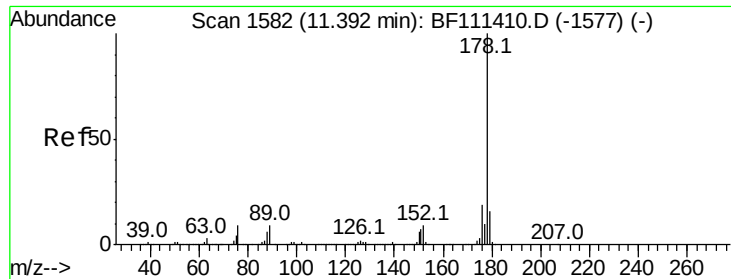


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



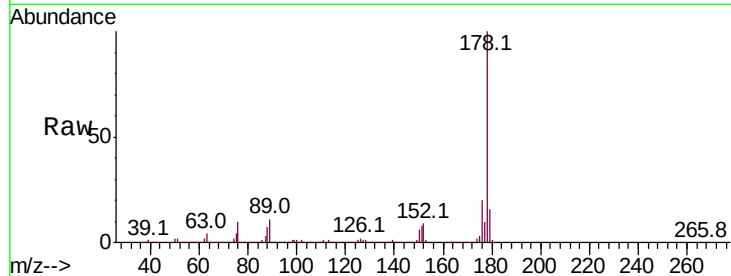


#72
 Anthracene
 Concen: 70.560 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.2	25.8
179	16.4	13.8	20.8

Manual Integrations
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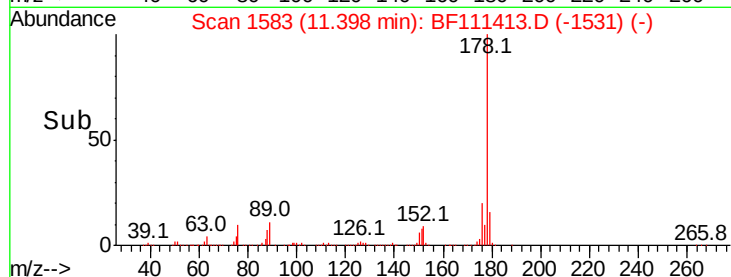
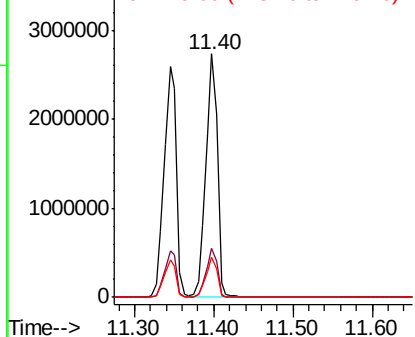


Abundance

Ion 178.00 (177.70 to 178.70): E

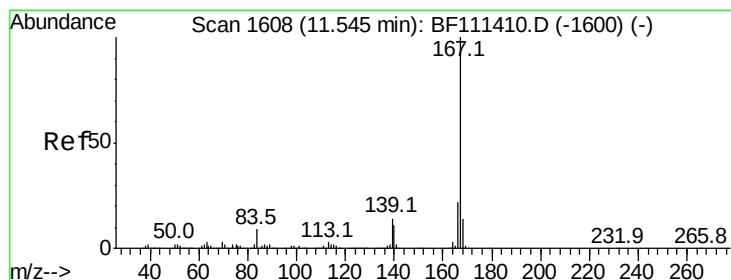
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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#73
 Carbazole
 Concen: 71.534 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

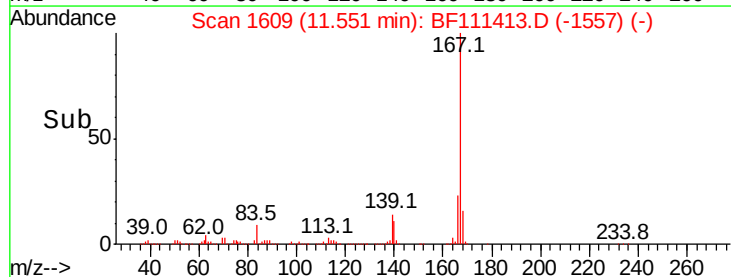
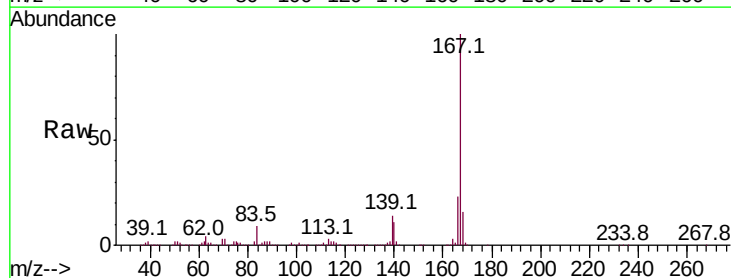
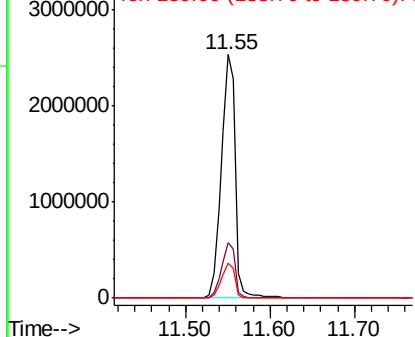
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.3	28.9
139	14.1	11.9	17.9

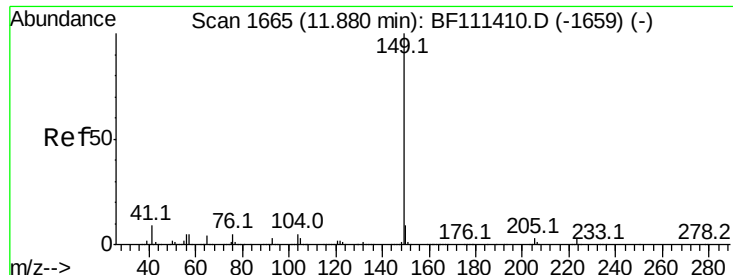
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 69.459 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 3251538

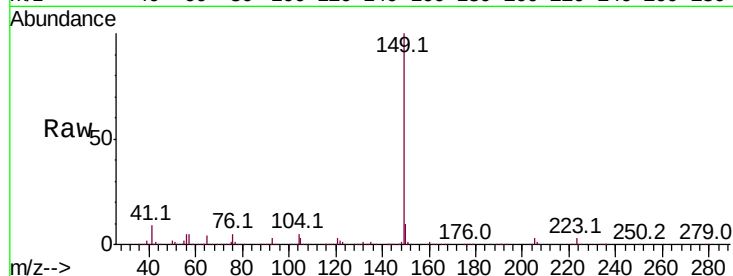
Ion Ratio Lower Upper

149 100

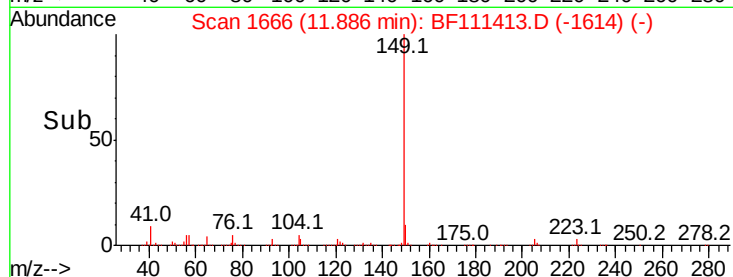
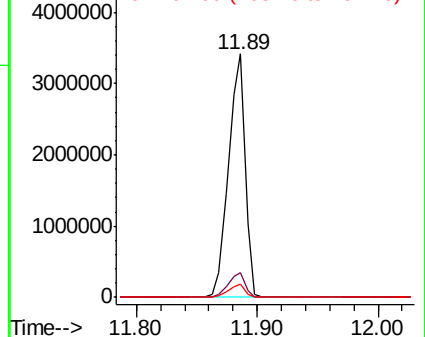
150 10.0 8.8 13.2

104 5.3 4.5 6.7

Manual Integrations
APPROVED

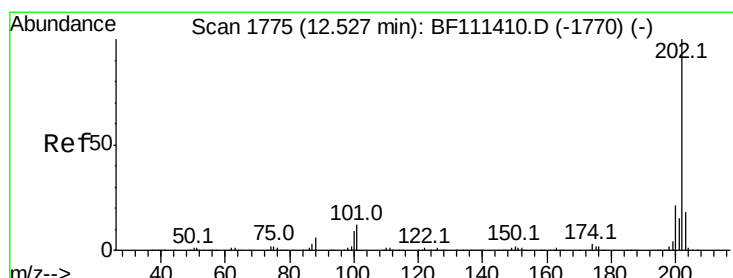


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Sohil

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#75

Fluoranthene

Concen: 72.243 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

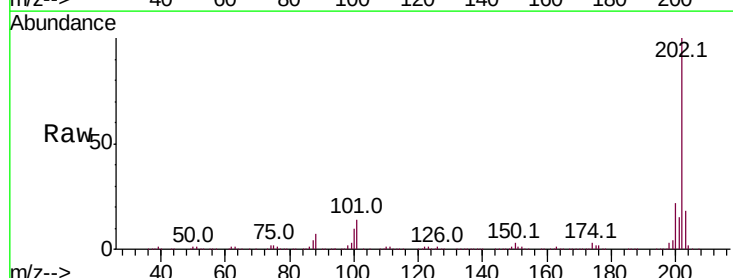
Tgt Ion:202 Resp: 2753999

Ion Ratio Lower Upper

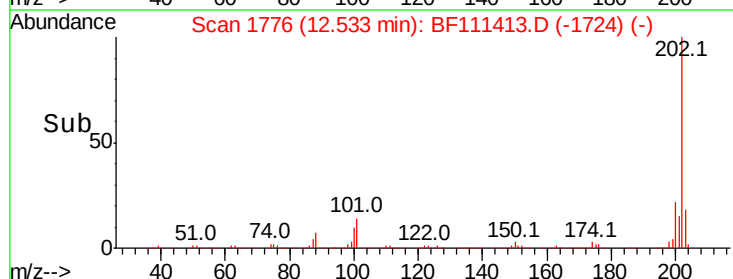
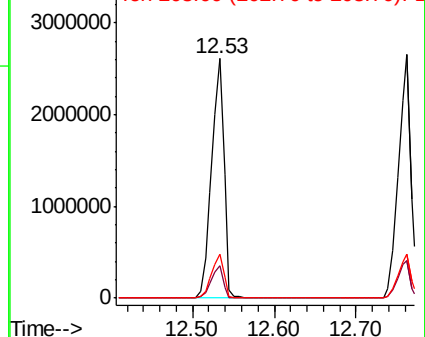
202 100

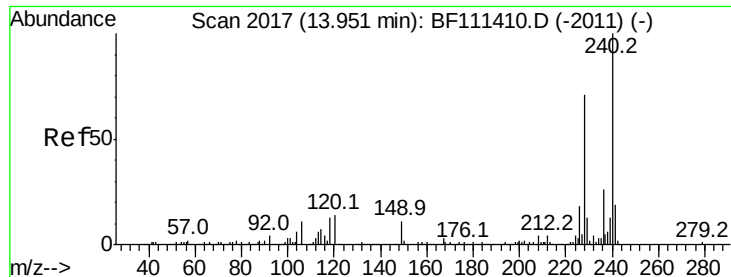
101 13.8 0.0 33.8

203 18.4 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

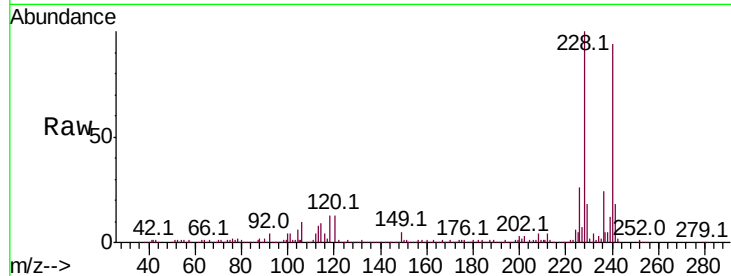
BNA_F

ClientSampleId :

SSTDIC080

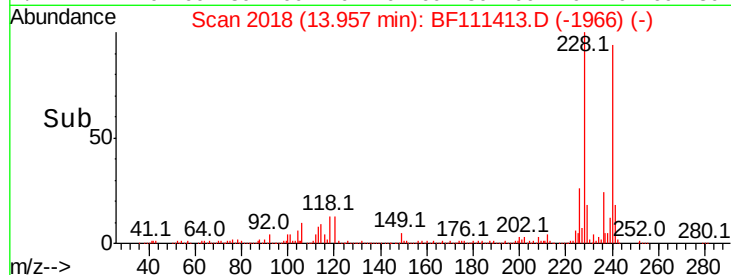
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	12.2	18.2
236	25.9	20.2	30.2

Manual Integrations
APPROVED



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

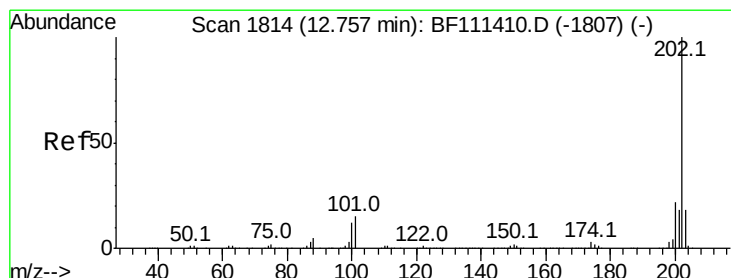
13.96



Time-->

Sohil

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#78

Pyrene

Concen: 73.378 ng

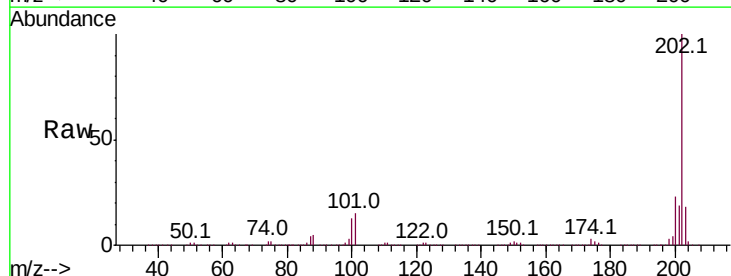
RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111413.D

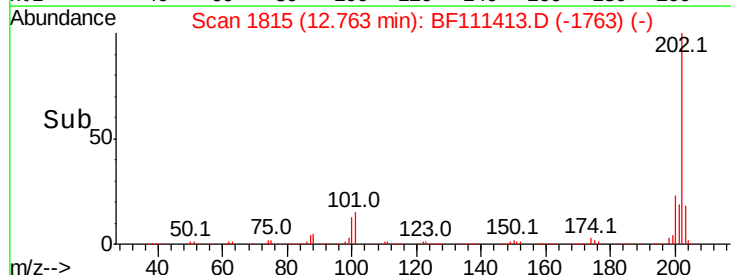
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	19.0	28.4
203	18.0	15.2	22.8

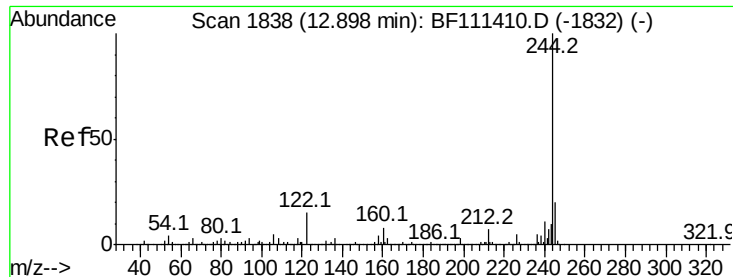


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.76



Time-->

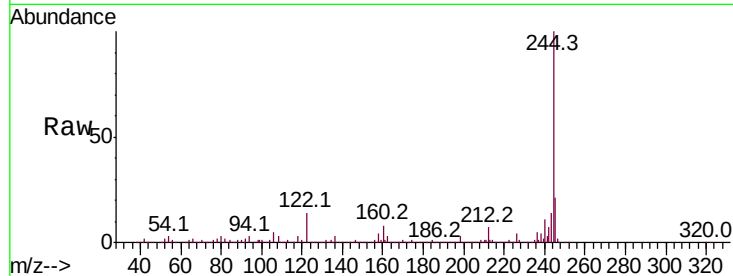


#79
 Terphenyl-d14
 Concen: 142.474 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

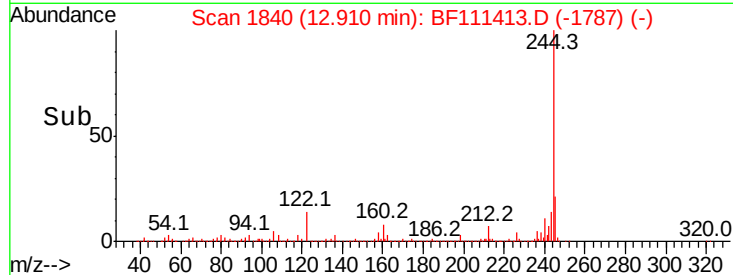
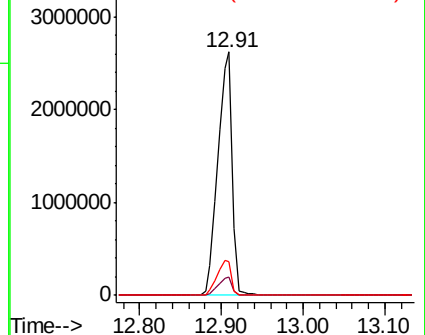
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	13.6	13.1	19.7

Manual Integrations
 APPROVED

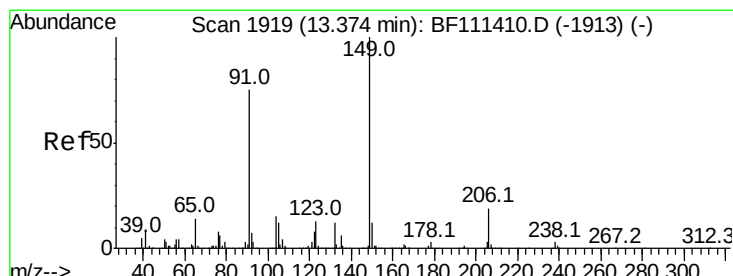


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



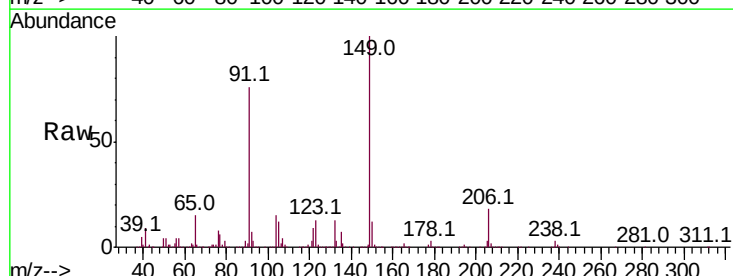
Sohil

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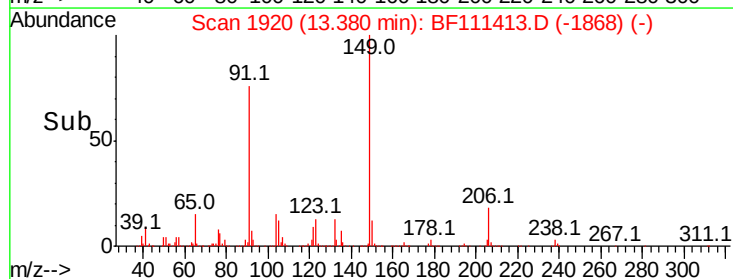
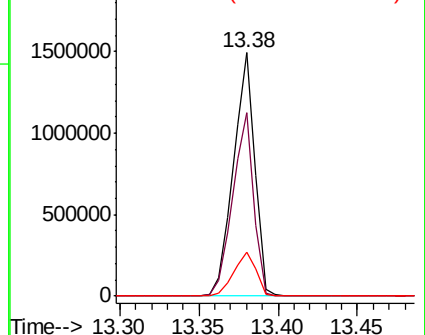


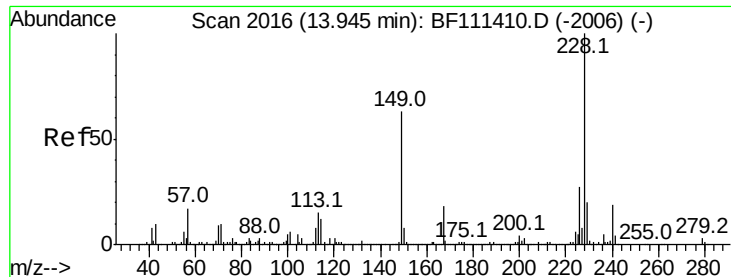
#80
 Butylbenzylphthalate
 Concen: 75.825 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. 0.01 min
 Lab File: BF111413.D
 Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.6	63.8	95.6
206	18.3	15.1	22.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E



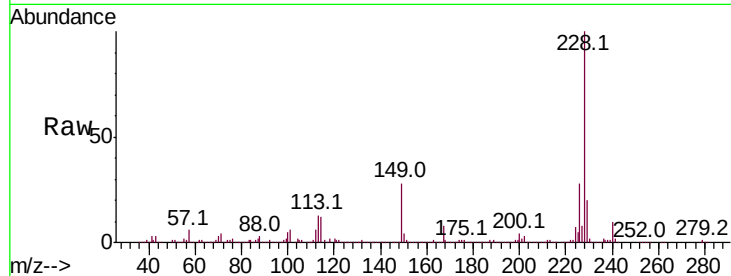


#81
Benzo(a)anthracene
Concen: 70.696 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	20.2	16.3	24.5

Manual Integrations
APPROVED

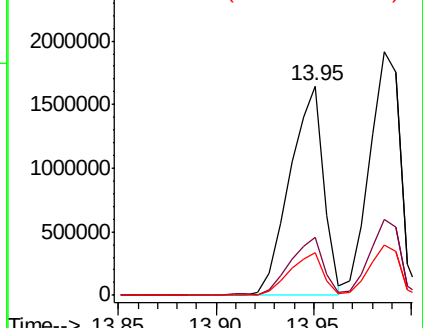


Abundance

Ion 228.00 (227.70 to 228.70): E

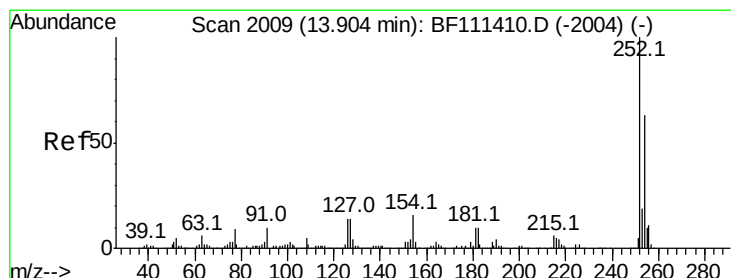
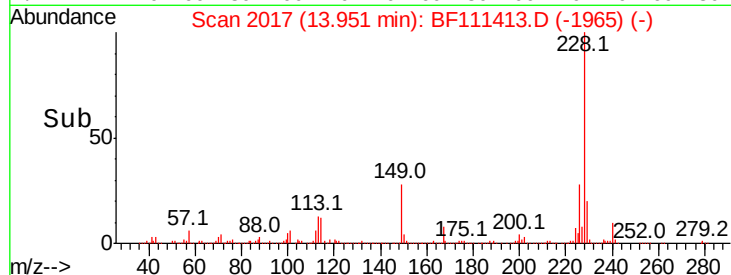
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



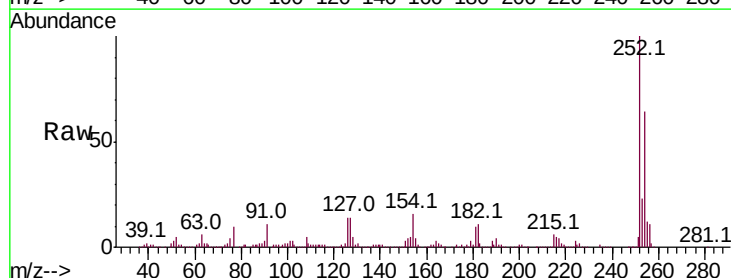
Sohil

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#82
3,3'-Dichlorobenzidine
Concen: 71.862 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.7	79.1
126	14.1	11.1	16.7

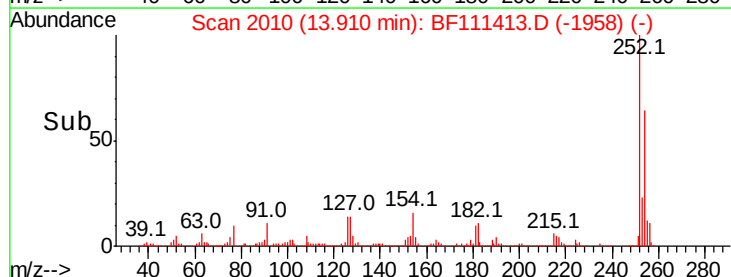
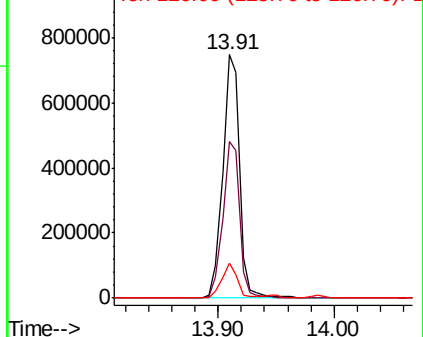


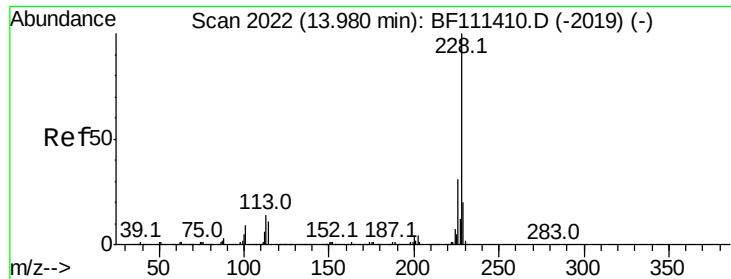
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



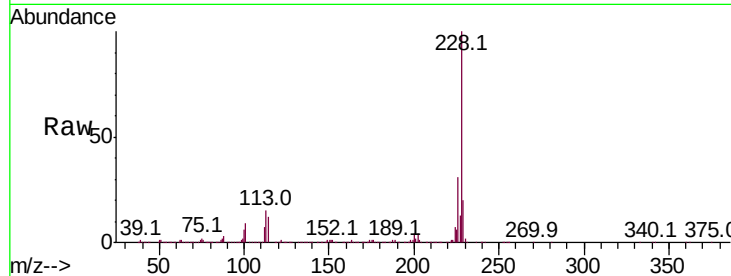


#83
Chrysene
Concen: 74.342 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.3	37.9
229	20.4	17.2	25.8

Manual Integrations
APPROVED

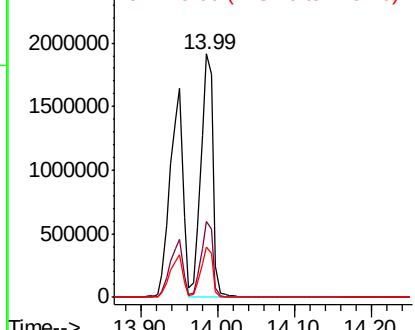


Abundance

Ion 228.00 (227.70 to 228.70): E

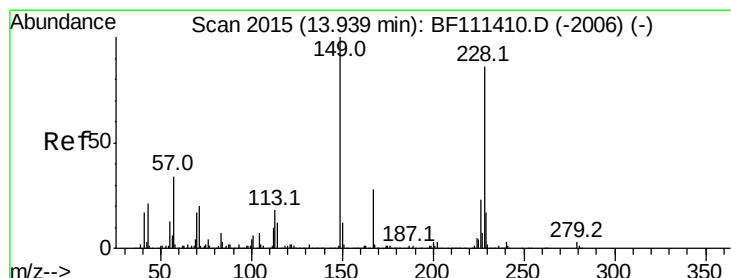
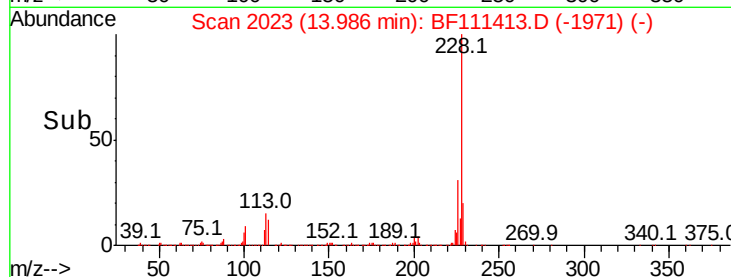
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



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#84
Bis(2-ethylhexyl)phthalate
Concen: 75.094 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

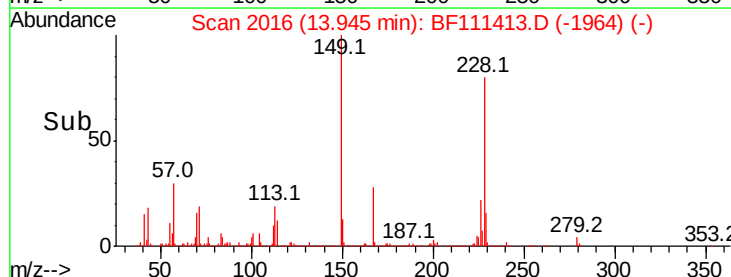
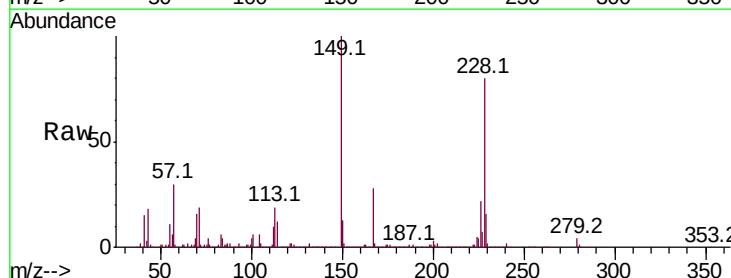
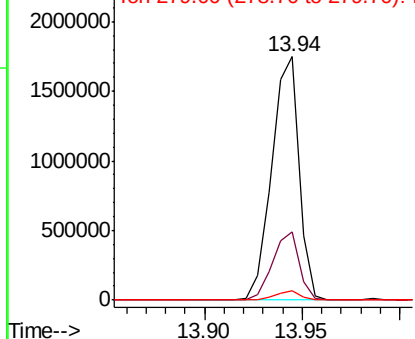
Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.5	33.7
279	3.8	2.6	4.0

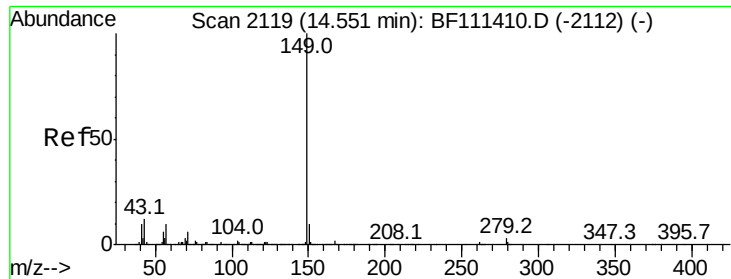
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 73.263 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2709350

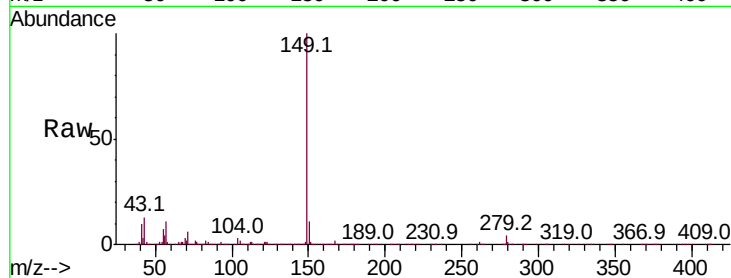
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 14.0 10.9 16.3

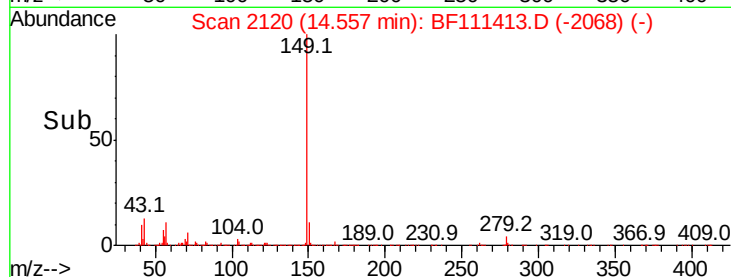
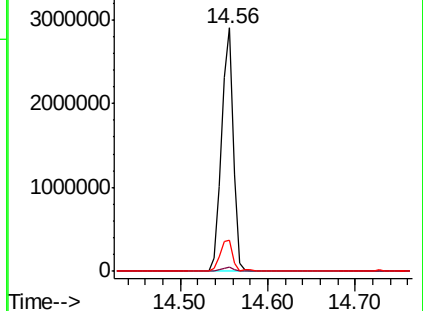
Manual Integrations
APPROVED



Abundance Ion 149.00 (148.70 to 149.70): E

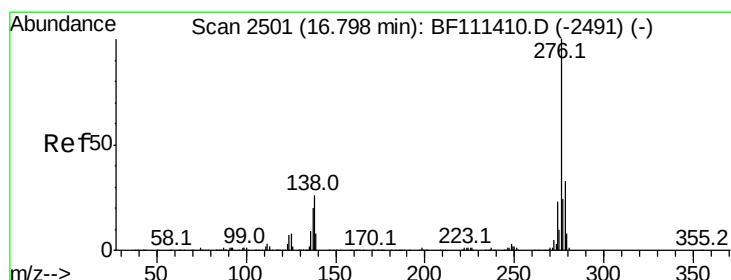
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



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#86

Indeno(1,2,3-cd)pyrene

Concen: 73.342 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.02 min

Lab File: BF111413.D

Acq: 14 Dec 2018 12:28

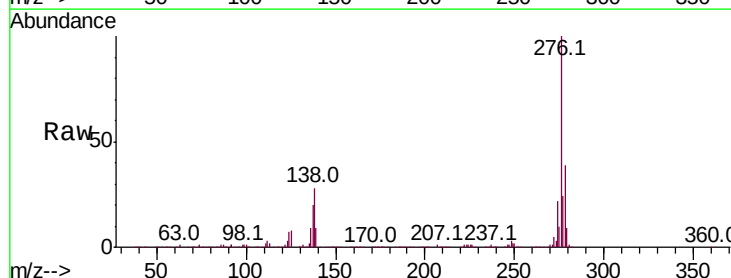
Tgt Ion:276 Resp: 1628007

Ion Ratio Lower Upper

276 100

138 30.4 27.8 41.6

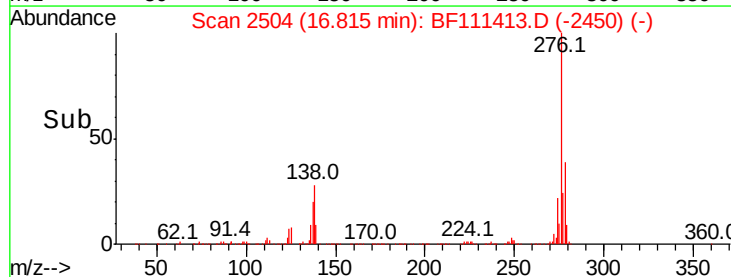
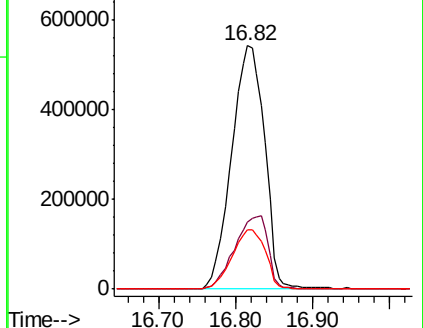
277 24.8 20.1 30.1

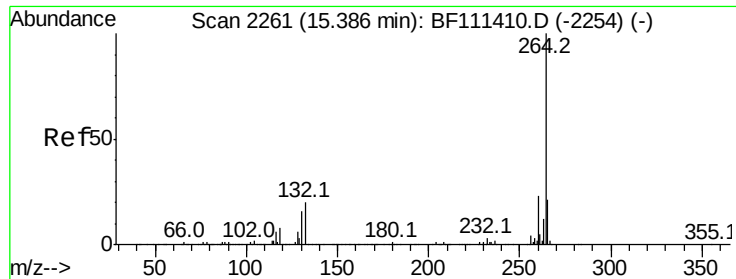


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



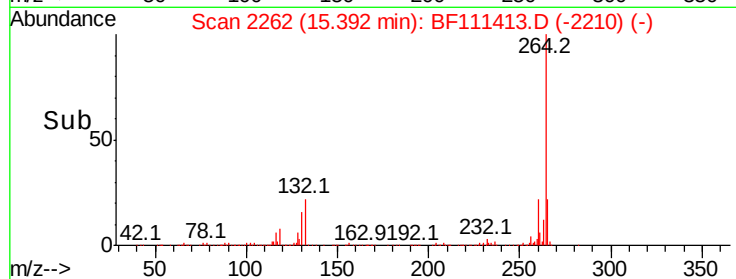
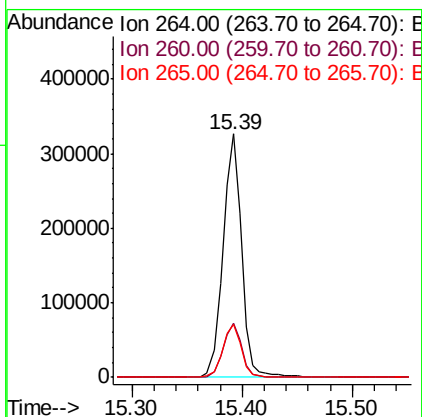
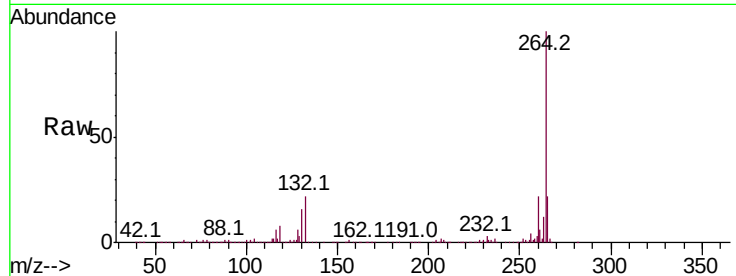


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampled :
SSTDIC080

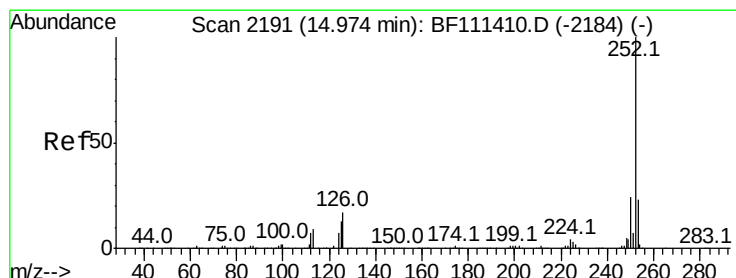
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.3	27.5
265	21.9	17.7	26.5

Manual Integrations
APPROVED



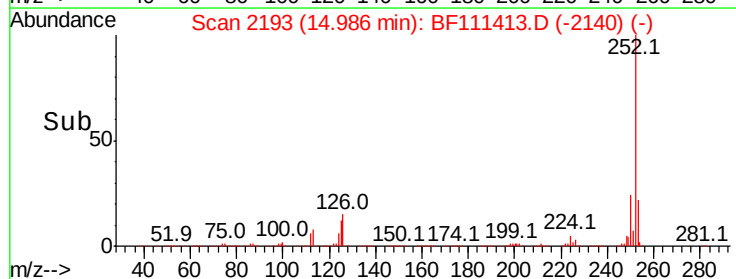
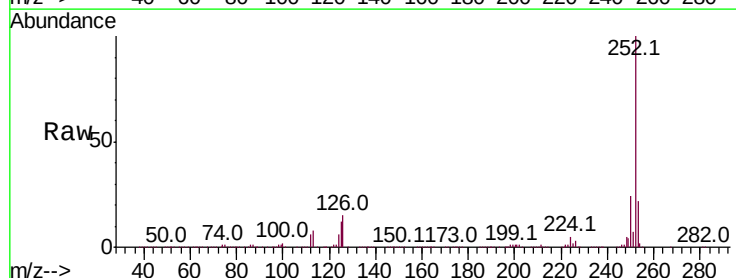
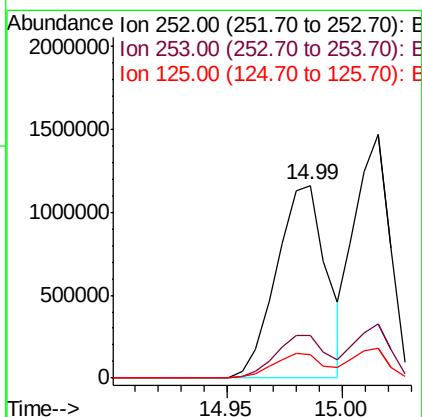
Sohil

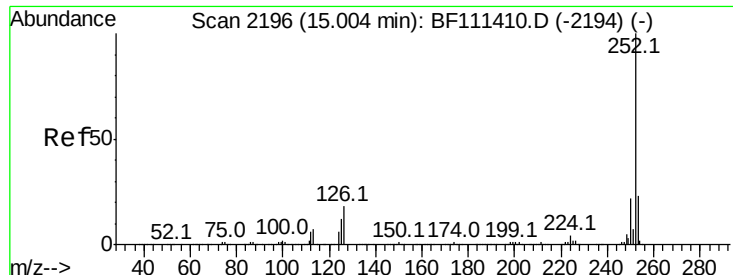
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#88
Benzo(b)fluoranthene
Concen: 80.024 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.0	10.4	15.6



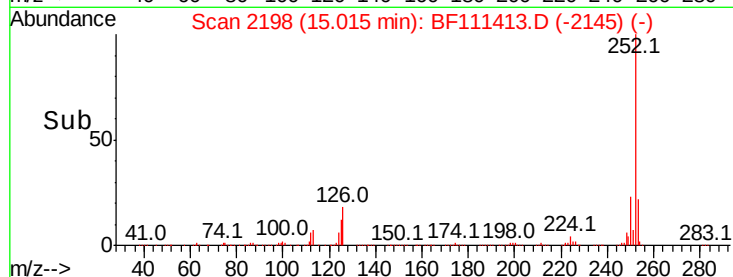
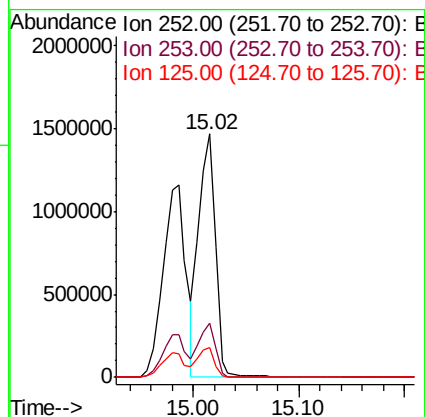
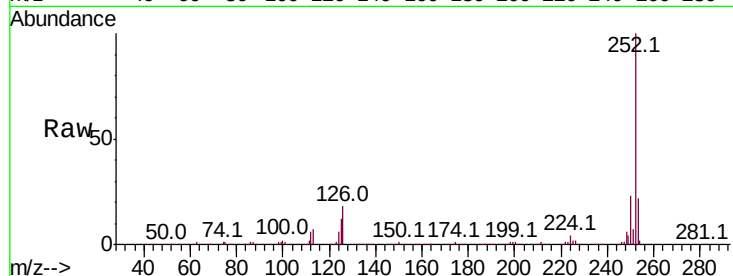


#89
Benzo(k)fluoranthene
Concen: 73.195 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Instrument :
BNA_F
ClientSampled :
SSTDIC080

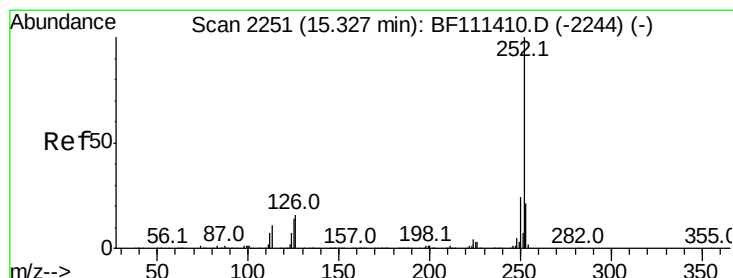
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.2	9.8	14.8

Manual Integrations
APPROVED



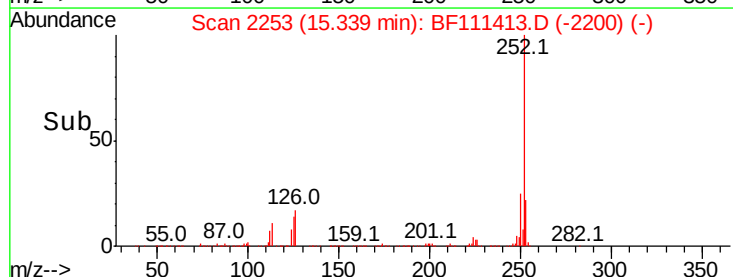
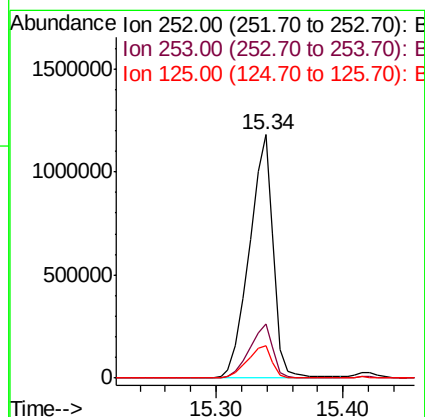
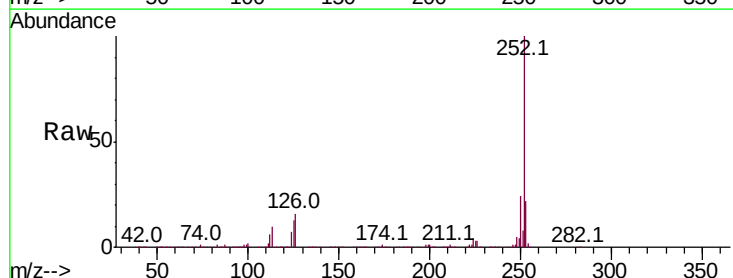
Sohil

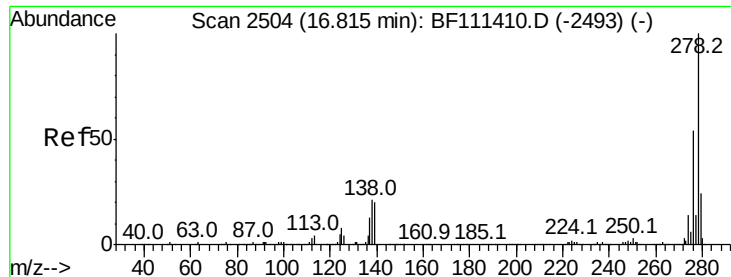
12/17/2018 2:36:15 PM



#90
Benzo(a)pyrene
Concen: 76.158 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	13.4	12.3	18.5



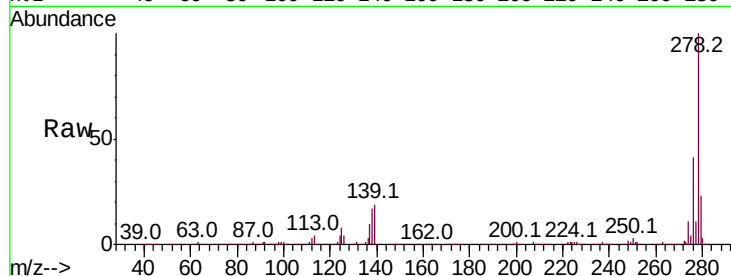


#91
Dibenzo(a,h)anthracene
Concen: 79.332 ng
RT: 16.84 min Scan# 2508
Delta R.T. 0.02 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

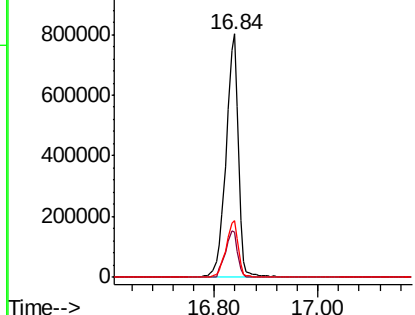
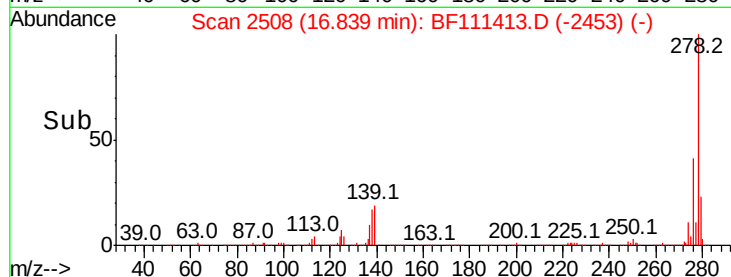
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.6	18.2	27.4
279	23.2	19.0	28.6

Manual Integrations
APPROVED

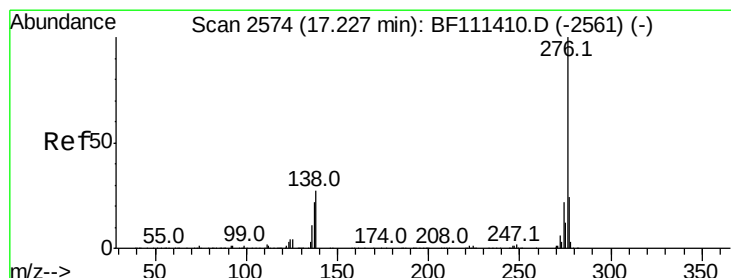


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



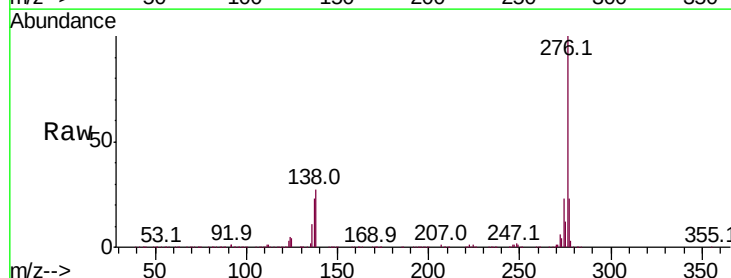
Sohil

12/17/2018 2:36:15 PM



#92
Benzo(g,h,i)perylene
Concen: 81.887 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.02 min
Lab File: BF111413.D
Acq: 14 Dec 2018 12:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	27.1	24.9	37.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

