

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111319.D
 Acq On : 12 Dec 2018 12:32
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
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 12/13/2018 6:05:57 PM

Quant Time: Dec 12 13:14:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 11:40:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	330279	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1350490	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	624720	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1041986	20.00	ng	0.00
76) Chrysene-d12	13.96	240	581117	20.00	ng	0.00
87) Perylene-d12	15.39	264	532215	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2859169	136.70	ng	0.00
7) Phenol-d6	6.45	99	3740666	143.91	ng	0.01
23) Nitrobenzene-d5	7.37	82	3578684	148.63	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	757714	136.92	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	5074068	128.12	ng	0.00
79) Terphenyl-d14	12.91	244	3847065	158.79	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.52	88	742913	69.226	ng	98
3) Pyridine	3.26	79	2001145	70.189	ng	98
4) n-Nitrosodimethylamine	3.22	42	914352	75.219	ng	90
6) Aniline	6.47	93	2505826	72.303	ng	99
8) 2-Chlorophenol	6.59	128	1699191	71.470	ng	96
10) Phenol	6.46	94	2157900	70.998	ng	80
11) bis(2-Chloroethyl)ether	6.54	93	1741041	74.067	ng	96
12) 1,3-Dichlorobenzene	6.74	146	1871364	73.256	ng	97
13) 1,4-Dichlorobenzene	6.82	146	1887224	73.165	ng	98
14) 1,2-Dichlorobenzene	6.97	146	1668085	69.336	ng	99
15) Benzyl Alcohol	6.95	79	1428142	69.428	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3286638	74.681	ng	99
17) 2-Methylphenol	7.06	107	1428323	73.586	ng	# 94
18) Hexachloroethane	7.32	117	723925	73.715	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	1277528	73.368	ng	96
20) 3+4-Methylphenols	7.22	107	1557202	67.448	ng	90
22) Acetophenone	7.22	105	2240294	72.500	ng	# 99
24) Nitrobenzene	7.39	77	1856453	74.081	ng	98
25) Isophorone	7.63	82	3129154	76.303	ng	100
26) 2-Nitrophenol	7.70	139	954929	76.696	ng	96
27) 2,4-Dimethylphenol	7.75	122	1380518	71.754	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	2050892	72.219	ng	100
29) 2,4-Dichlorophenol	7.95	162	1422085	72.287	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1432204	73.908	ng	99
31) Naphthalene	8.10	128	4272319	72.485	ng	99
32) Benzoic acid	7.91	122	1311276m	82.418	ng	
33) 4-Chloroaniline	8.15	127	2069509	73.104	ng	99
34) Hexachlorobutadiene	8.23	225	789502	73.807	ng	98
35) Caprolactam	8.56	113	521452m	74.801	ng	
36) 4-Chloro-3-methylphenol	8.65	107	1502681	74.603	ng	98
37) 2-Methylnaphthalene	8.80	142	2812776	71.879	ng	98
38) 1-Methylnaphthalene	8.90	142	2680767	69.954	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	1190864	68.507	ng	99
41) Hexachlorocyclopentadiene	8.95	237	681888	68.880	ng	100

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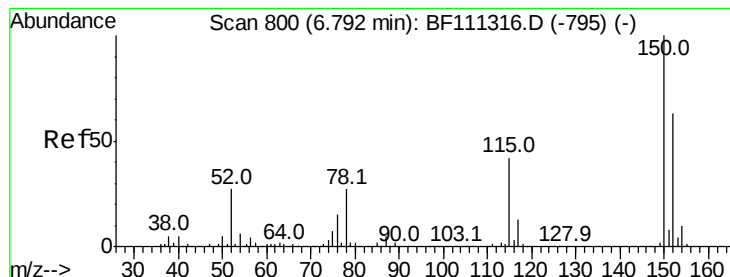
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
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 QLast Update : Wed Dec 12 11:40:11 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.07	196	907347	69.538	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	971145	71.447	nq	96
46) 1,1'-Biphenyl	9.26	154	3513380	66.903	nq	99
47) 2-Chloronaphthalene	9.29	162	2802983	68.572	nq	99
48) 2-Nitroaniline	9.38	65	1002655	71.905	nq	96
49) Acenaphthylene	9.70	152	3939813	66.392	nq	99
50) Dimethylphthalate	9.57	163	3145219	68.233	nq	99
51) 2,6-Dinitrotoluene	9.63	165	739876	72.681	nq	94
52) Acenaphthene	9.87	154	2593857	69.653	nq	99
53) 3-Nitroaniline	9.80	138	894039	71.153	nq	93
54) 2,4-Dinitrophenol	9.90	184	347707	86.436	nq	86
55) Dibenzofuran	10.05	168	3565506	70.377	nq	98
56) 4-Nitrophenol	9.96	139	676882	69.169	nq	97
57) 2,4-Dinitrotoluene	10.03	165	965175	76.910	nq	91
58) Fluorene	10.39	166	2499478	63.755	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	720623	69.942	nq	99
60) Diethylphthalate	10.27	149	3029700	68.942	nq	98
61) 4-Chlorophenyl-phenylether	10.38	204	1233916	63.389	nq	99
62) 4-Nitroaniline	10.42	138	870856	73.250	nq	99
63) Azobenzene	10.54	77	3153607	69.119	nq	97
65) 4,6-Dinitro-2-methylphenol	10.44	198	499891	88.913	nq	99
66) n-Nitrosodiphenylamine	10.50	169	2568485	72.413	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	816976	71.585	nq	98
68) Hexachlorobenzene	10.94	284	840387	72.386	nq	96
69) Atrazine	11.03	200	680598	63.100	nq	97
70) Pentachlorophenol	11.13	266	604017	71.718	nq	96
71) Phenanthrene	11.34	178	3610104	68.690	nq	99
72) Anthracene	11.40	178	3639622	66.193	nq	99
73) Carbazole	11.55	167	3802994	66.145	nq	100
74) Di-n-butylphthalate	11.89	149	4209046	71.224	nq	100
75) Fluoranthene	12.53	202	3441547	71.684	nq	99
78) Pyrene	12.76	202	3515600	84.658	nq	100
80) Butylbenzylphthalate	13.38	149	1722105	79.395	nq	97
81) Benzo(a)anthracene	13.94	228	2313403	71.357	nq	100
82) 3,3'-Dichlorobenzidine	13.91	252	815348	61.359	nq	99
83) Chrysene	13.99	228	2438217	72.951	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1959173	76.014	nq	99
85) Di-n-octyl phthalate	14.56	149	3185880	73.747	nq	98
86) Indeno(1,2,3-cd)pyrene	16.82	276	2348763	87.057	nq	96
88) Benzo(b)fluoranthene	14.98	252	2167400	73.639	nq	99
89) Benzo(k)fluoranthene	15.01	252	2157257	77.958	nq	99
90) Benzo(a)pyrene	15.34	252	2072299	76.458	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	1904885	89.479	nq	98
92) Benzo(g,h,i)perylene	17.24	276	2007519	94.203	nq	95

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



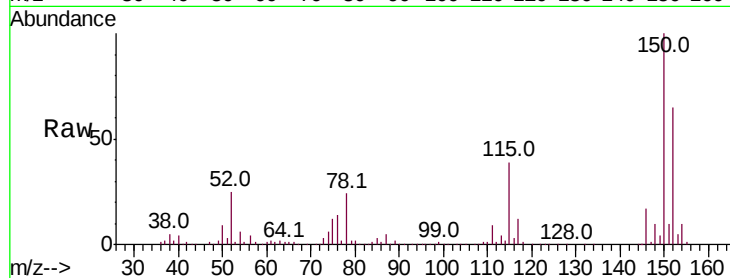
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.6	189.8
115	59.7	50.7	76.1

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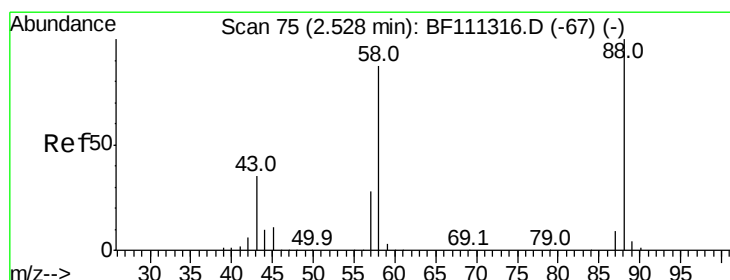
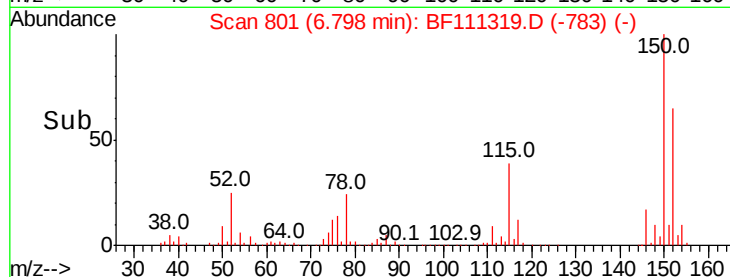
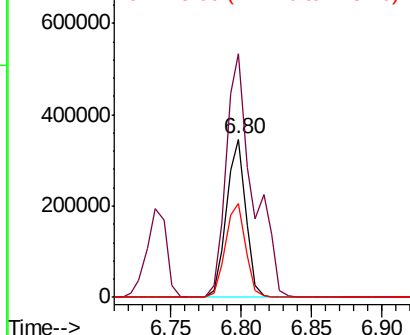


Abundance

Ion 152.00 (151.70 to 152.70): E

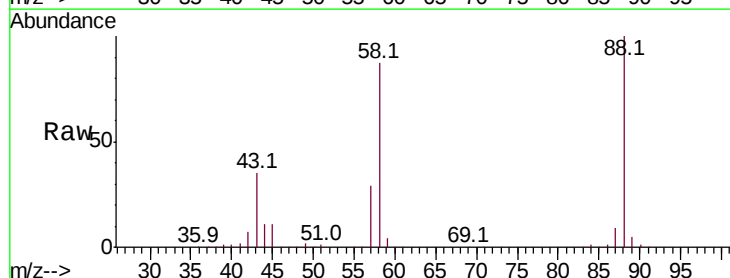
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 69.226 ng
 RT: 2.52 min Scan# 74
 Delta R.T. -0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	68.9	103.3
43	34.9	25.8	38.6

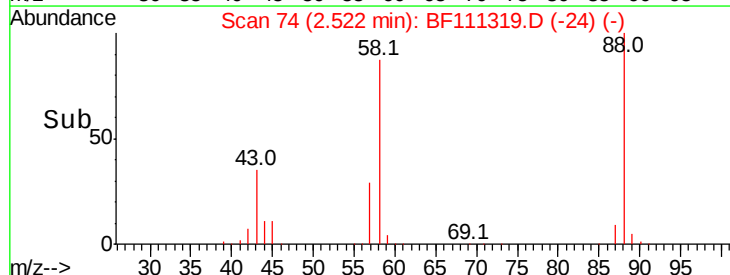
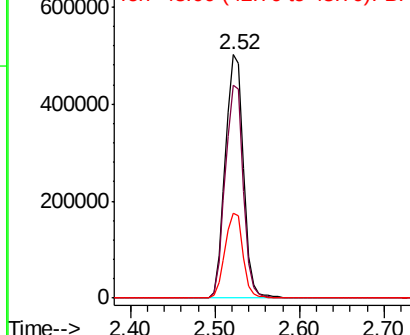


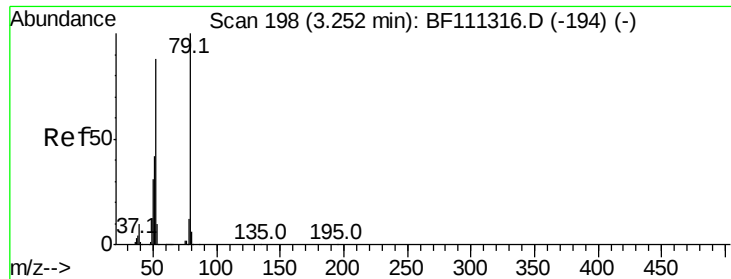
Abundance

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: 70.189 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 79 Resp: 2001145

Ion Ratio Lower Upper

79 100

52 87.6 68.3 102.5

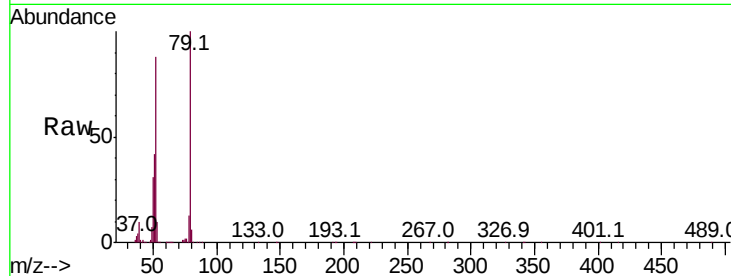
51 42.1 32.6 49.0

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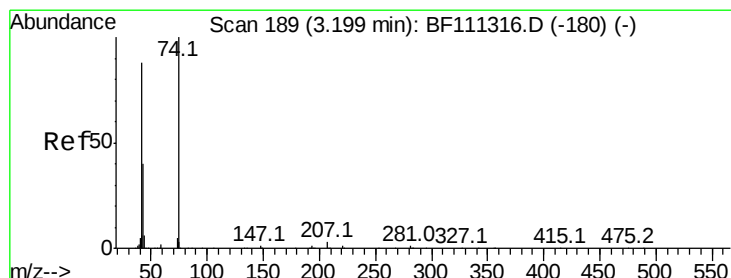
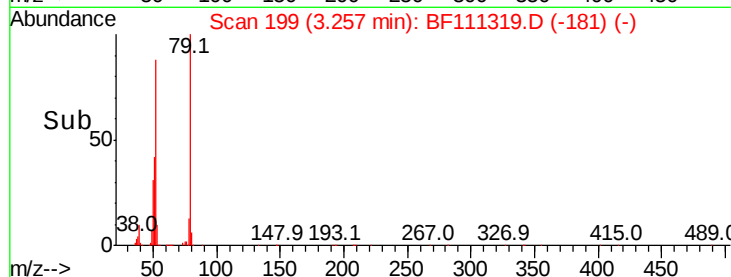
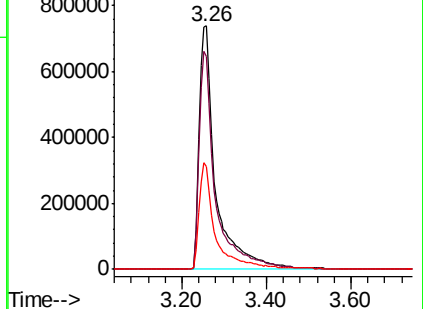
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 75.219 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.02 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

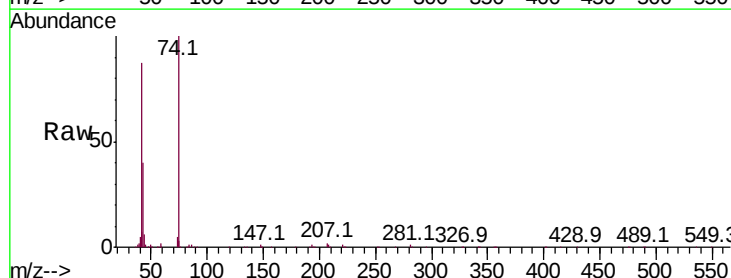
Tgt Ion: 42 Resp: 914352

Ion Ratio Lower Upper

42 100

74 114.7 101.5 152.3

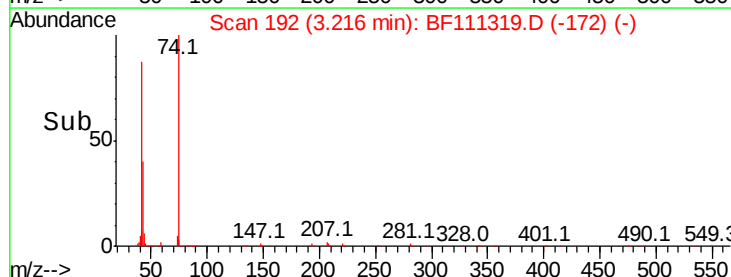
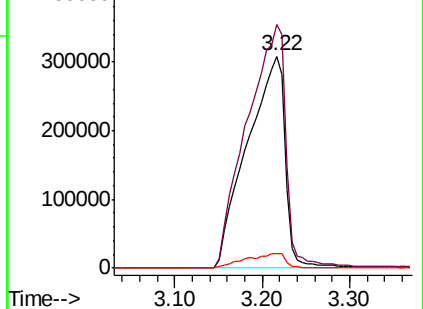
44 6.9 6.0 9.0

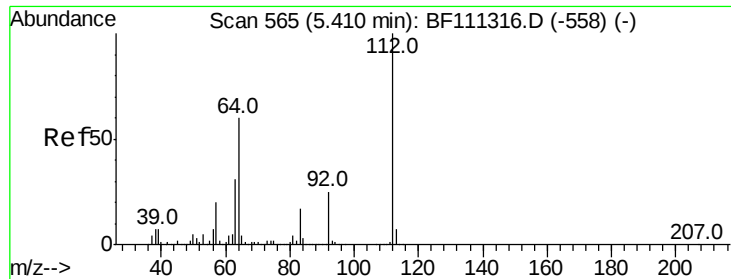


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 136.697 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:112 Resp: 2859169

Ion Ratio Lower Upper

112 100

64 62.9 51.8 77.6

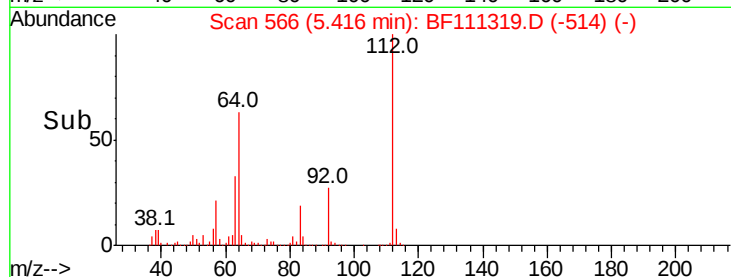
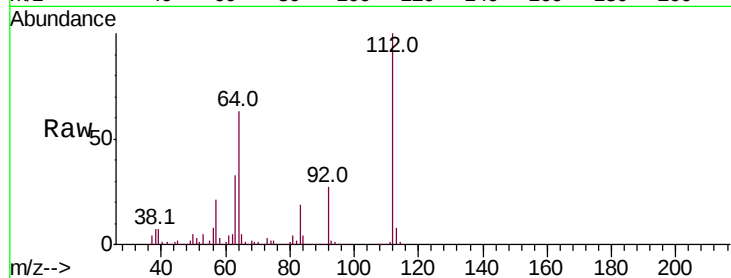
63 32.9 26.8 40.2

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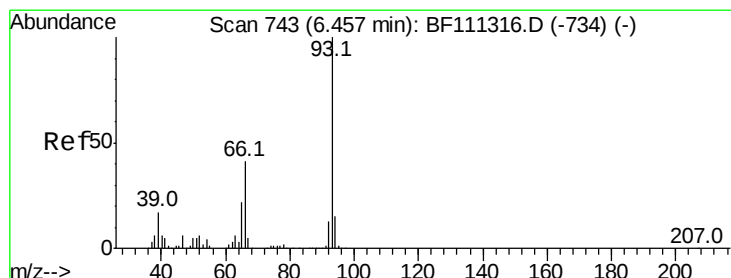
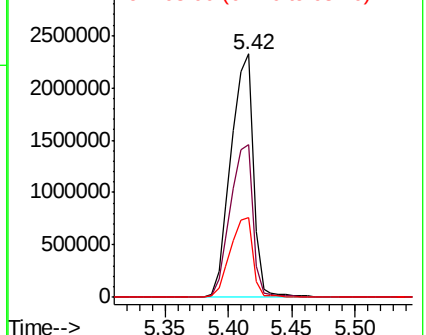
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 72.303 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

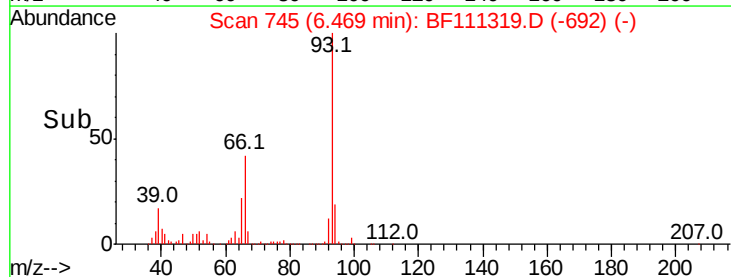
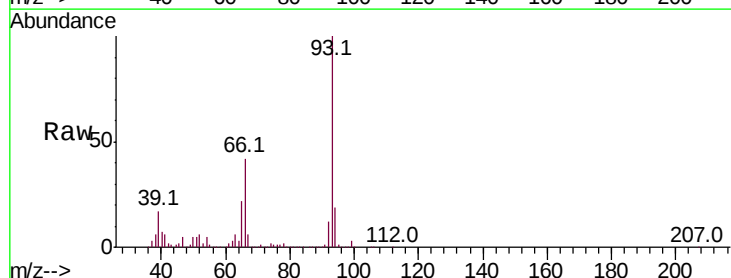
Tgt Ion: 93 Resp: 2505826

Ion Ratio Lower Upper

93 100

66 42.2 33.2 49.8

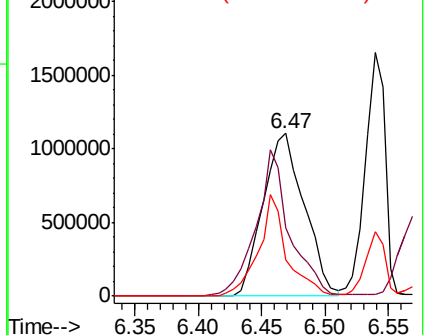
65 22.0 17.0 25.4

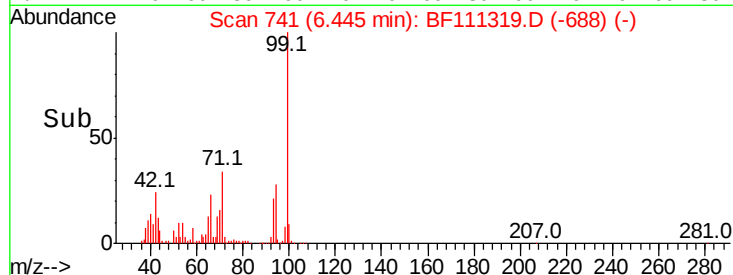
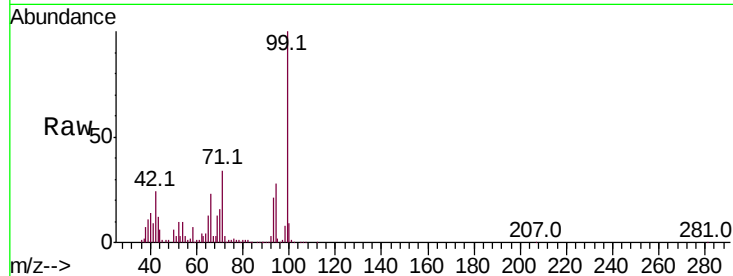
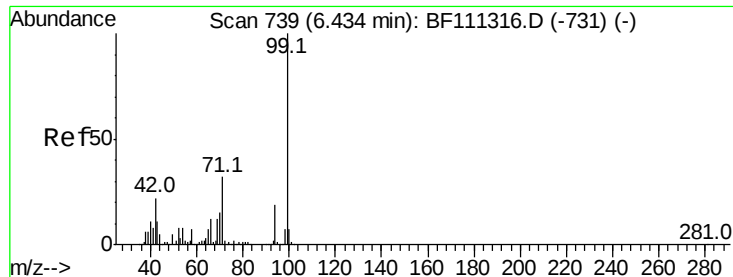


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 143.908 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Tot Ion: 99 Resp: 3740666

Ion Ratio Lower Upper

99 100

42 23.8 17.4 26.0

71 33.7 26.1 39.1

Instrument :

BNA_F

ClientSampled :

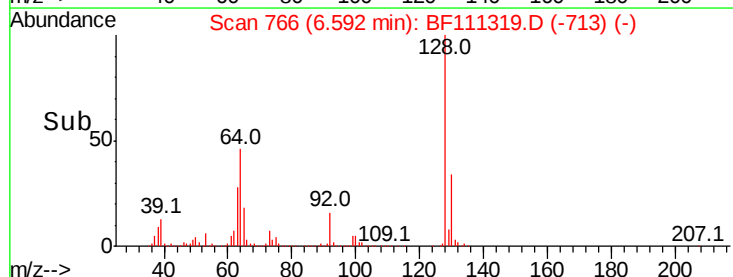
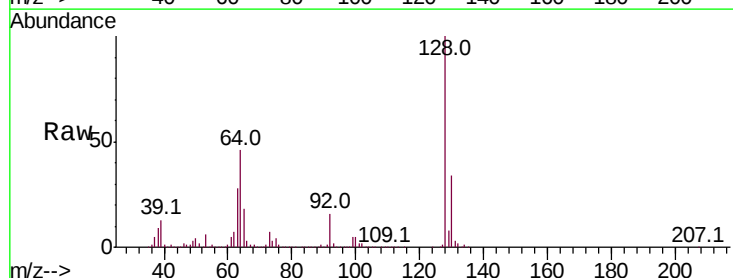
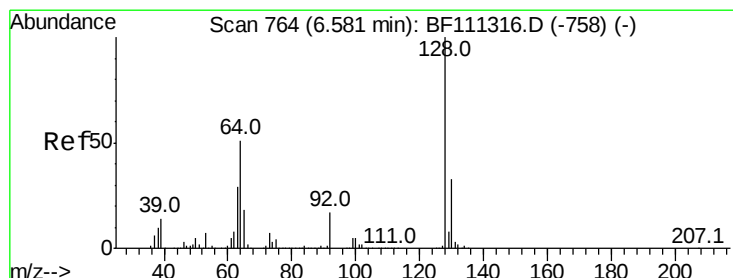
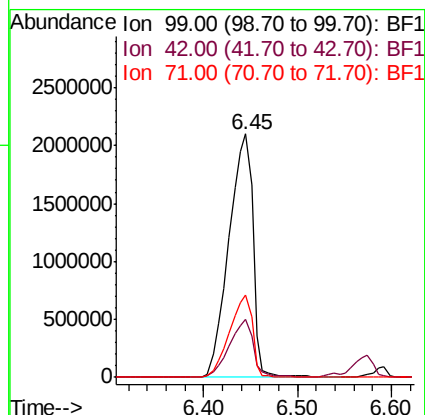
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#8

2-Chlorophenol

Concen: 71.470 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

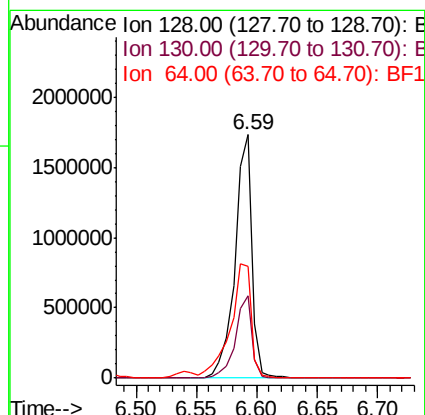
Tgt Ion:128 Resp: 1699191

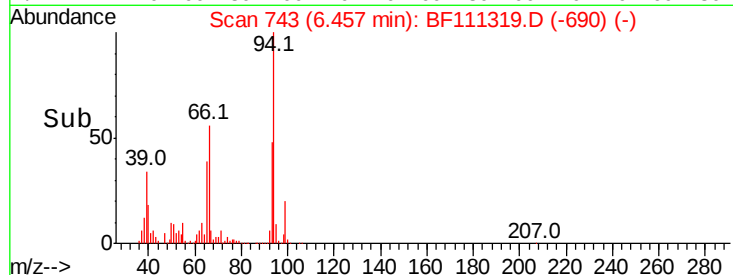
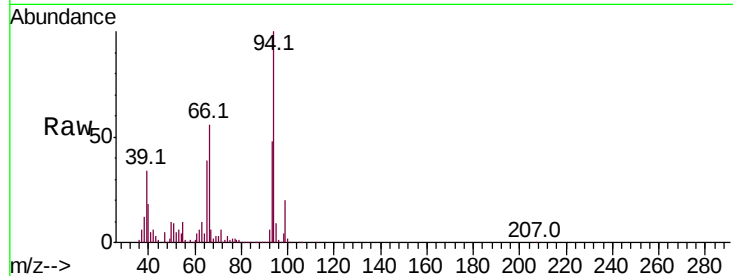
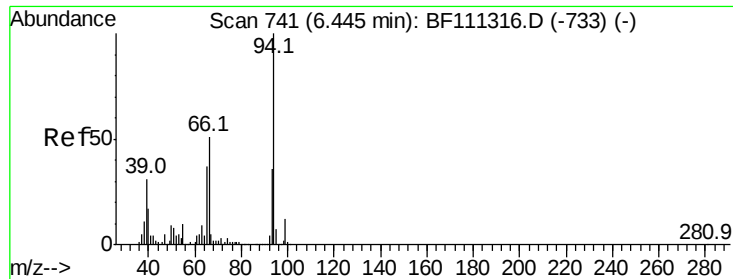
Ion Ratio Lower Upper

128 100

130 33.7 12.7 52.7

64 46.2 30.0 70.0





#10

Phenol

Concen: 70.998 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Tot Ion: 94 Resp: 2157900

Ion Ratio Lower Upper

94 100

65 39.0 11.7 51.7

66 56.4 21.0 61.0

Instrument :

BNA_F

ClientSampleId :

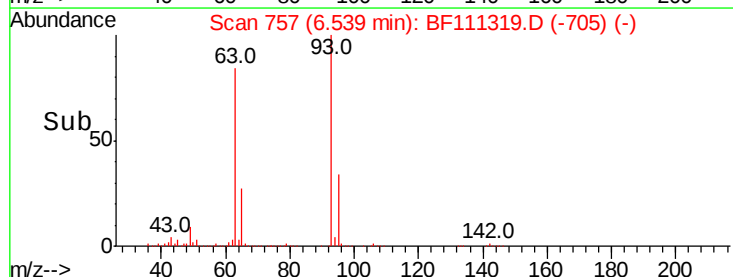
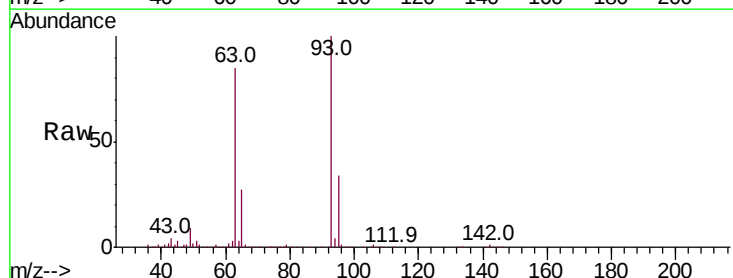
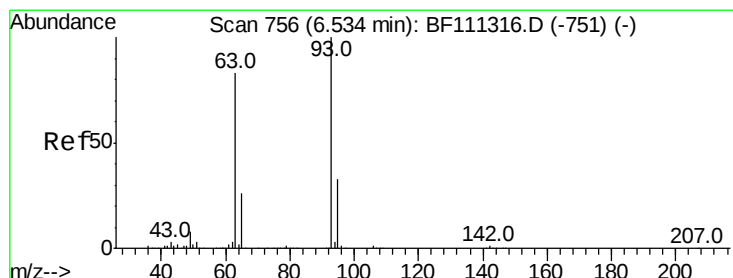
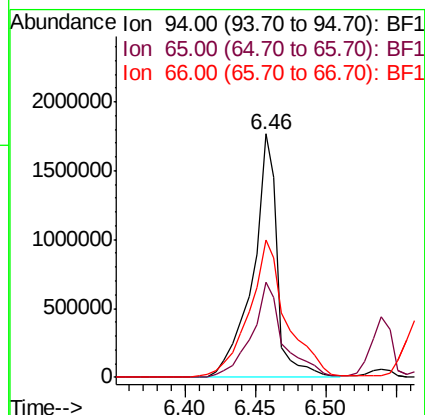
SSTDIC080

Manual Integrations

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#11

bis(2-Chloroethyl)ether

Concen: 74.067 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

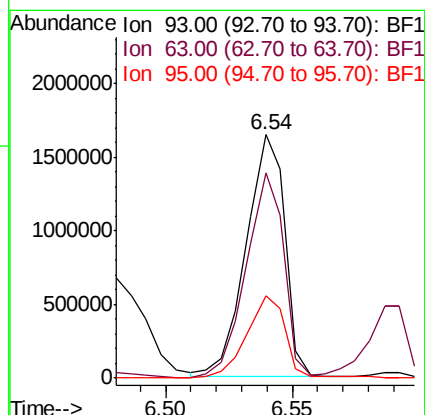
Tgt Ion: 93 Resp: 1741041

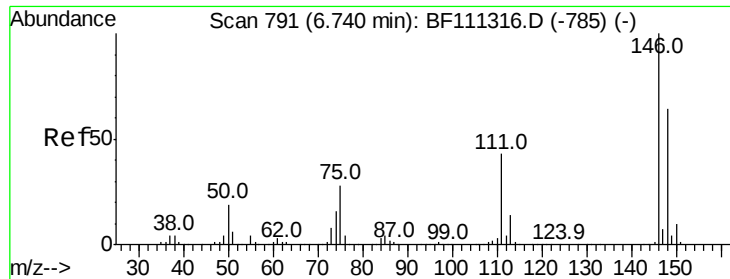
Ion Ratio Lower Upper

93 100

63 84.5 60.0 100.0

95 33.6 13.4 53.4





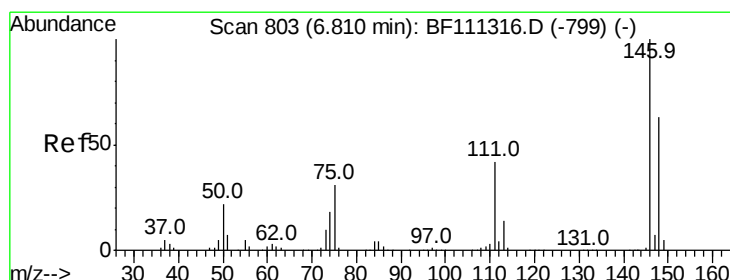
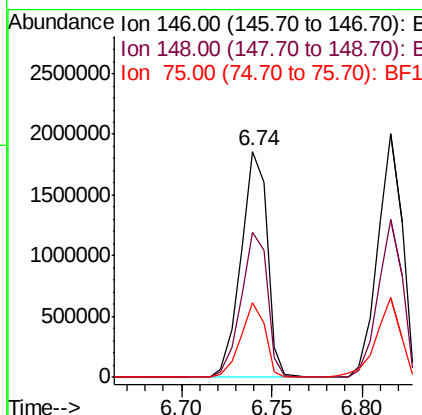
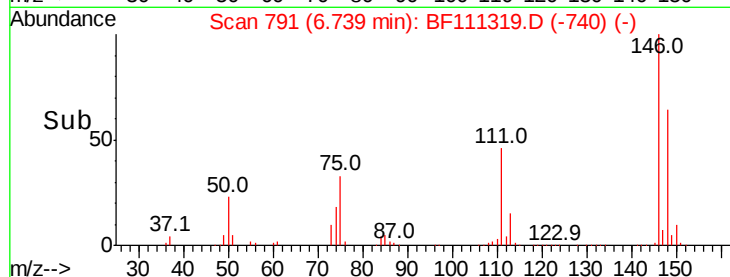
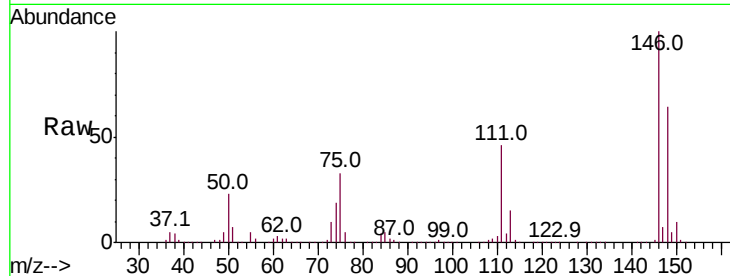
#12
 1,3-Dichlorobenzene
 Concen: 73.256 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
75	33.1	23.9	35.9

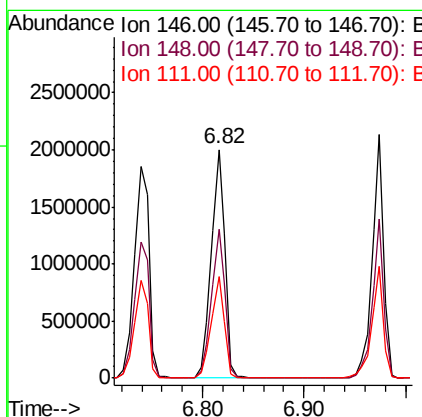
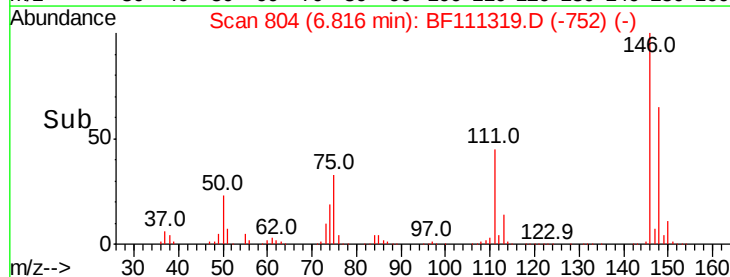
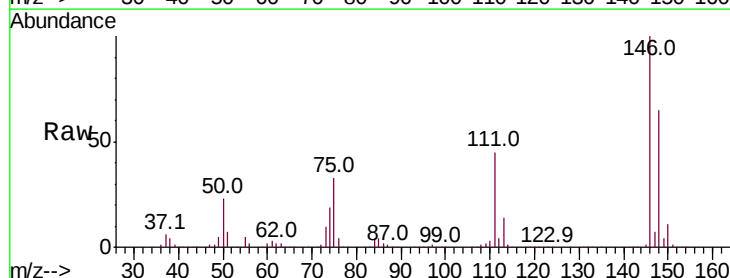
Manual Integrations
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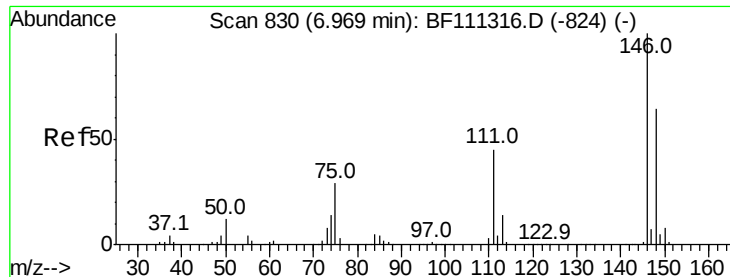
Sohil
 12/13/2018 6:05:57 PM



#13
 1,4-Dichlorobenzene
 Concen: 73.165 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.8	79.2
111	44.6	33.4	50.0





#14

1,2-Dichlorobenzene

Concen: 69.336 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:146 Resp: 1668085

Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

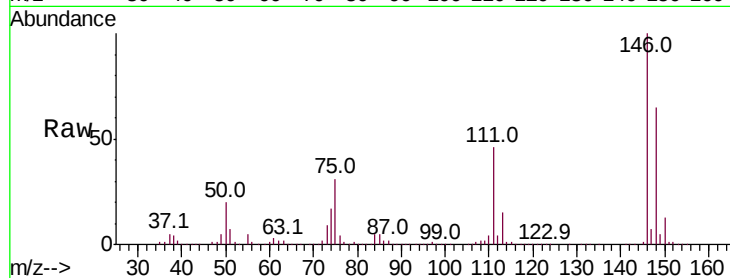
111 45.9 36.2 54.4

Manual Integrations

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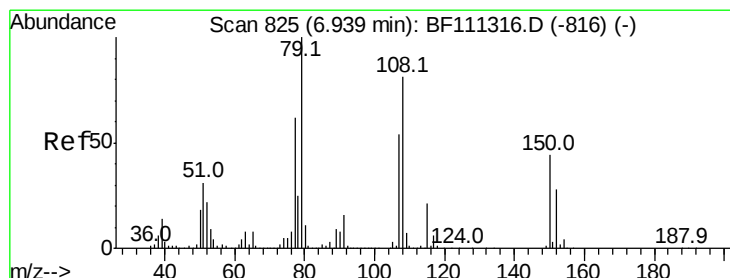
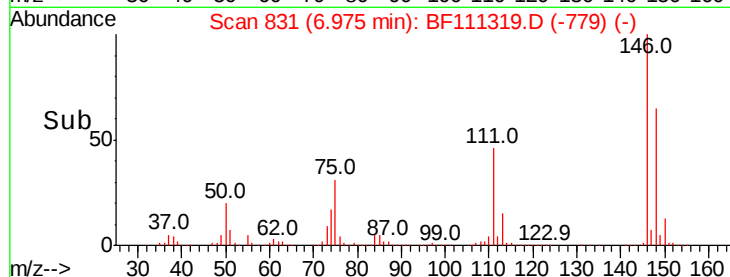
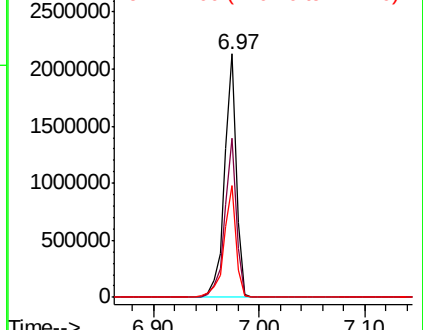
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 69.428 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

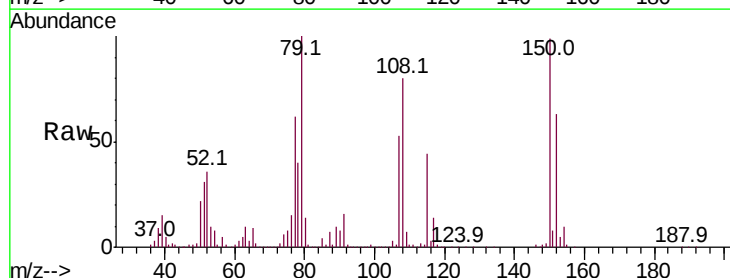
Tgt Ion: 79 Resp: 1428142

Ion Ratio Lower Upper

79 100

108 79.7 69.4 104.2

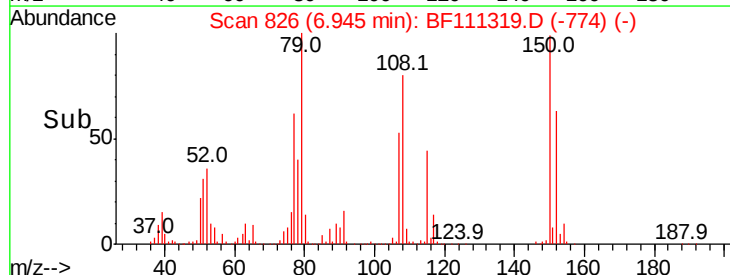
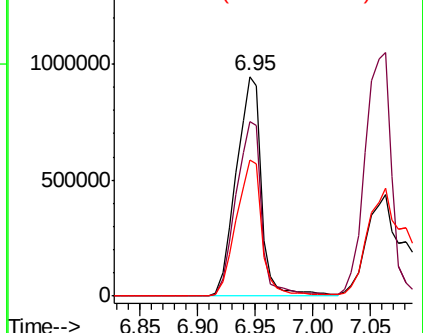
77 62.2 49.7 74.5

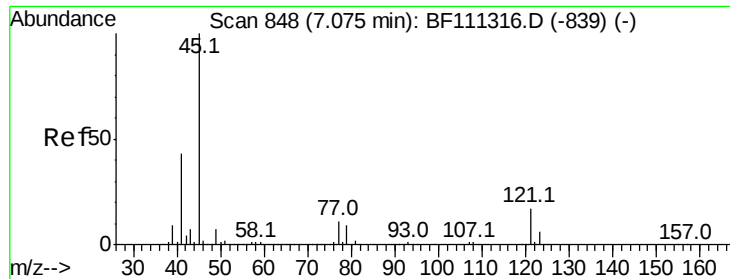


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1





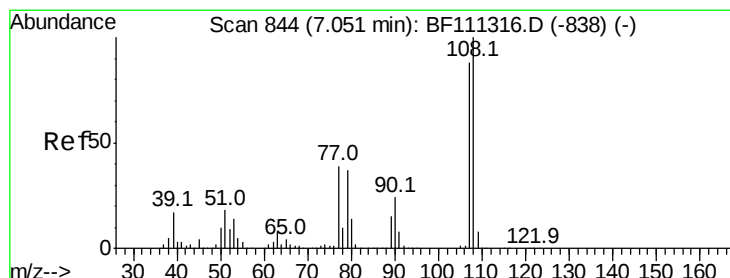
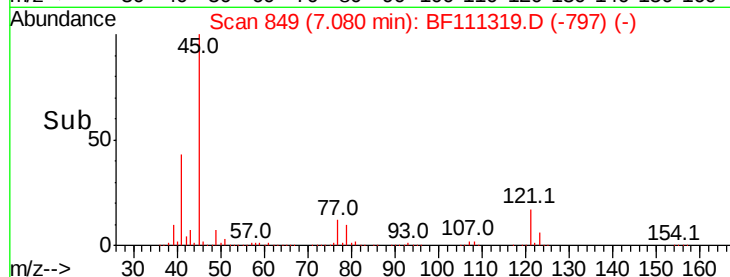
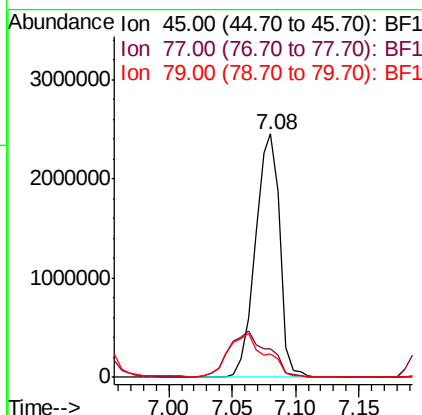
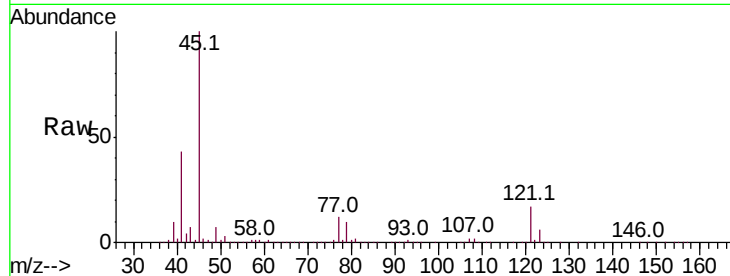
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 74.681 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.5
79	9.6	0.0	28.9

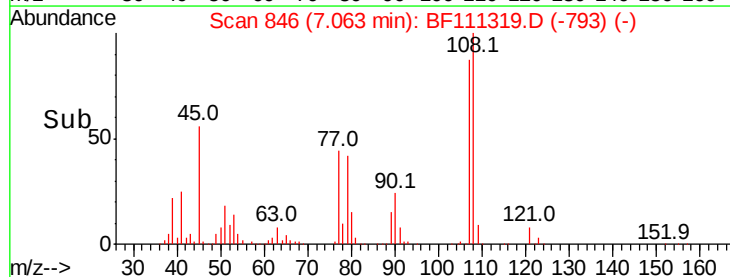
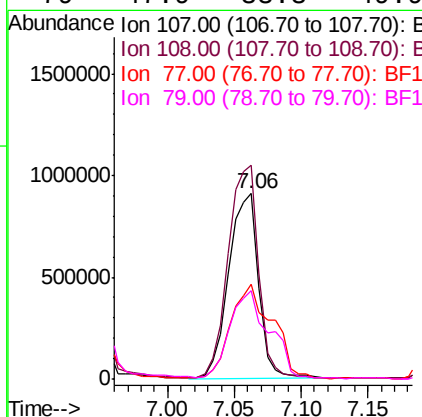
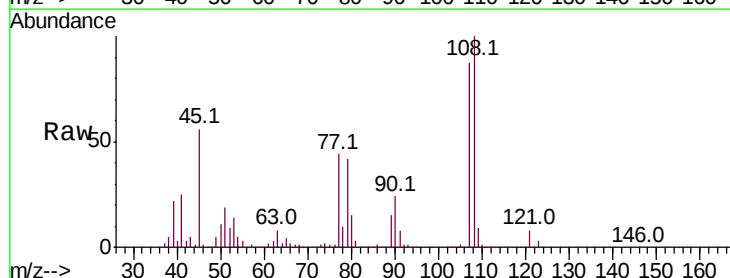
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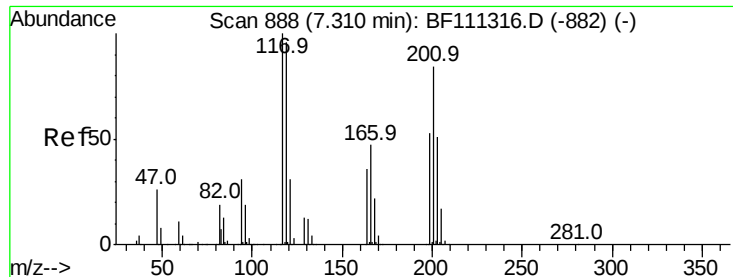
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#17
2-Methylphenol
Concen: 73.586 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.0	136.4
77	50.9	33.5	50.3#
79	47.9	33.3	49.9





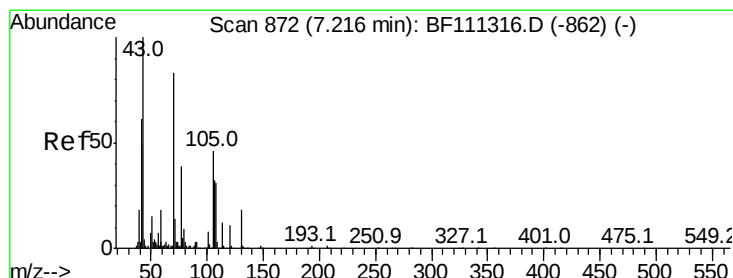
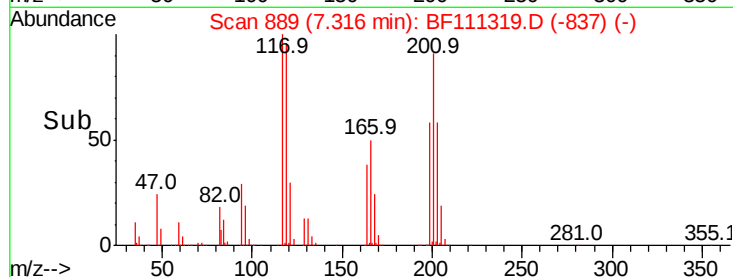
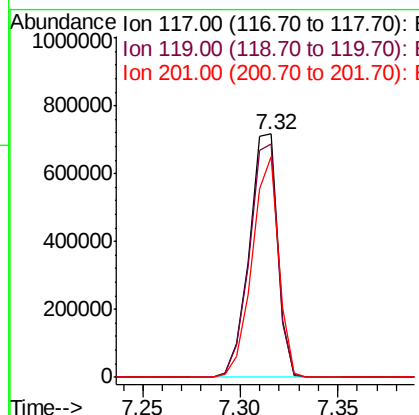
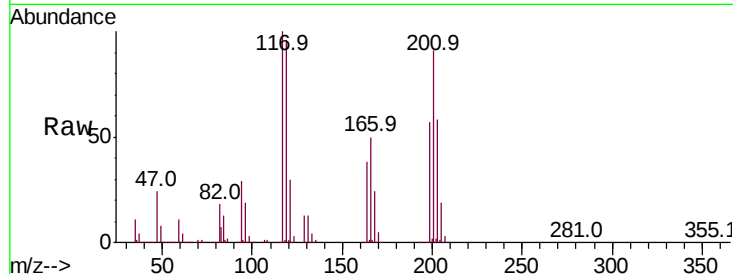
#18
Hexachloroethane
Concen: 73.715 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.4	113.0
201	90.8	62.4	93.6

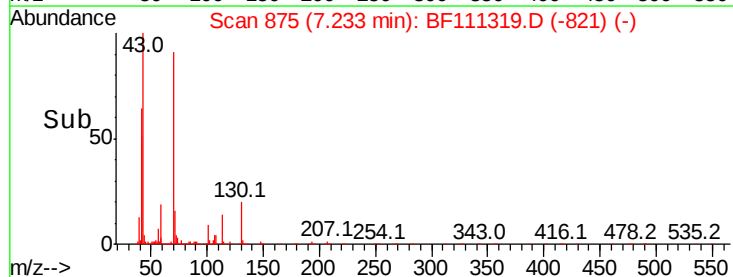
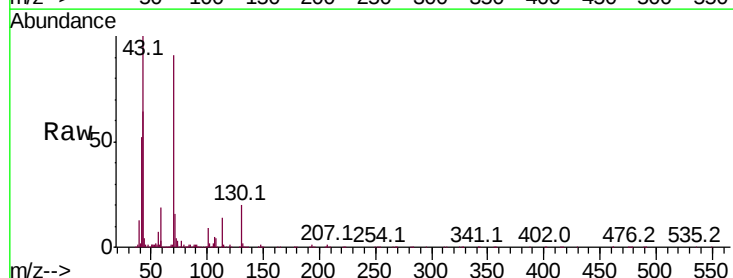
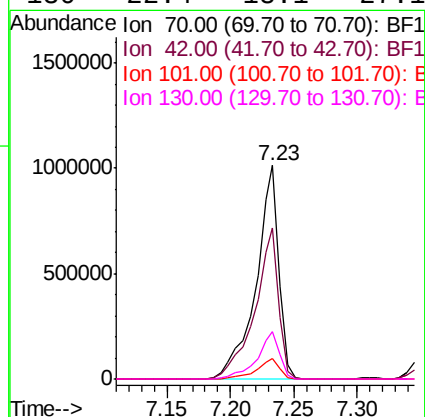
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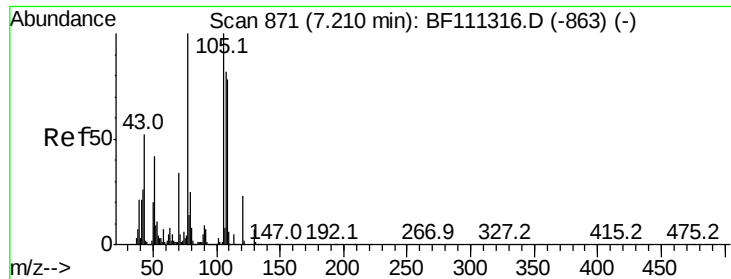
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#19
n-Nitroso-di-n-propylamine
Concen: 73.368 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.02 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
70	100		
42	70.6	53.2	79.8
101	9.7	8.2	12.4
130	22.4	18.1	27.1





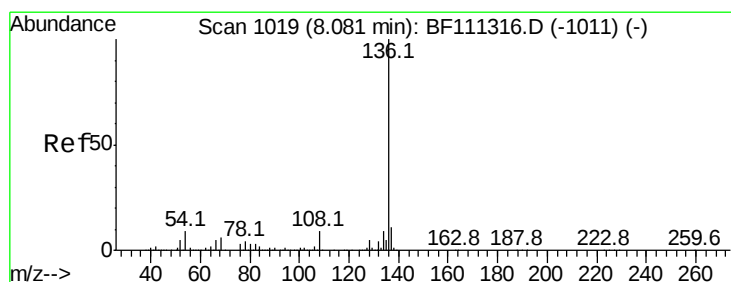
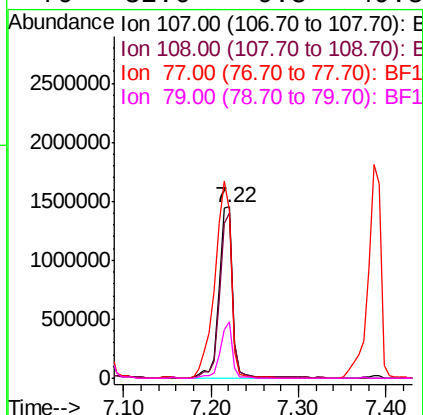
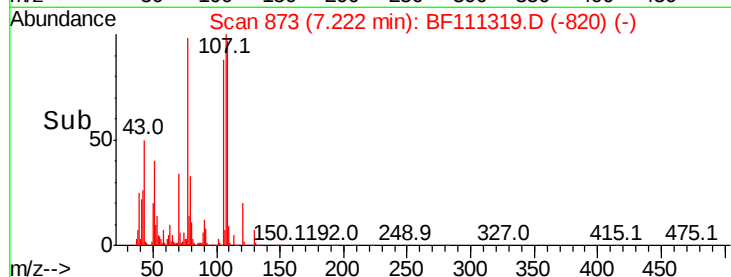
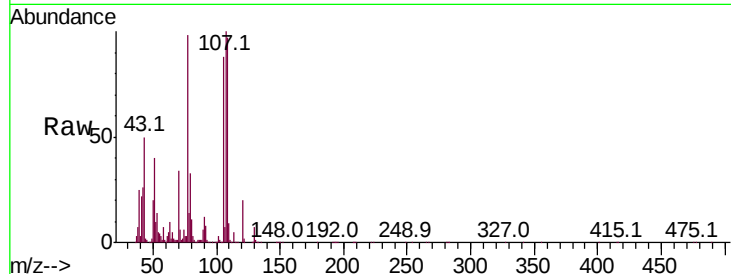
#20
3+4-Methylphenols
Concen: 67.448 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
107	100		
108	96.7	72.1	112.1
77	98.0	94.1	134.1
79	32.6	9.8	49.8

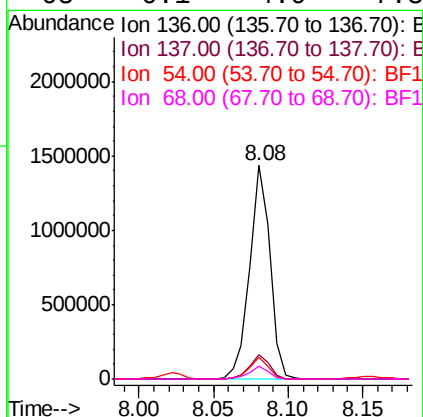
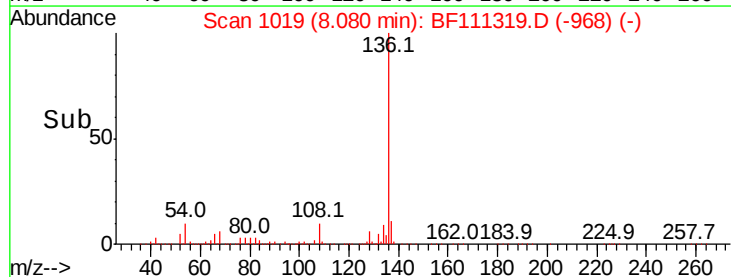
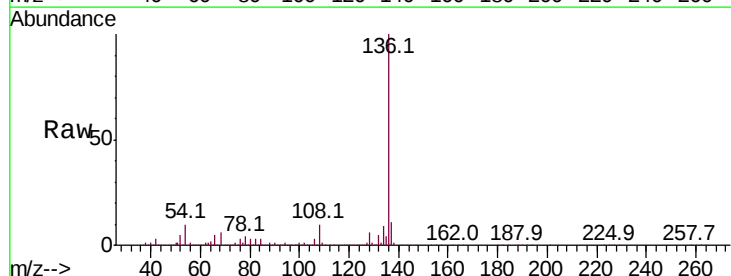
Manual Integrations
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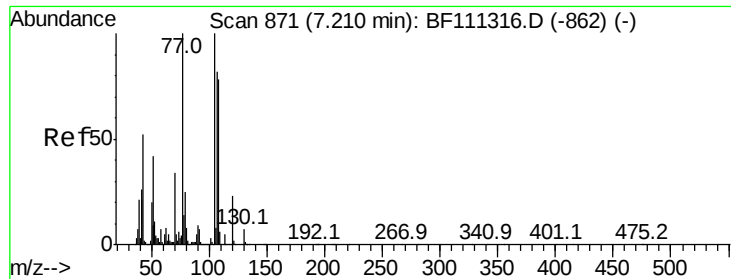
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.0	7.7	11.5
68	6.1	4.9	7.3





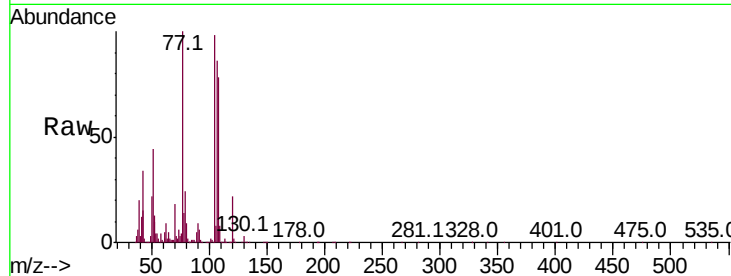
#22
Acetophenone
Concen: 72.500 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

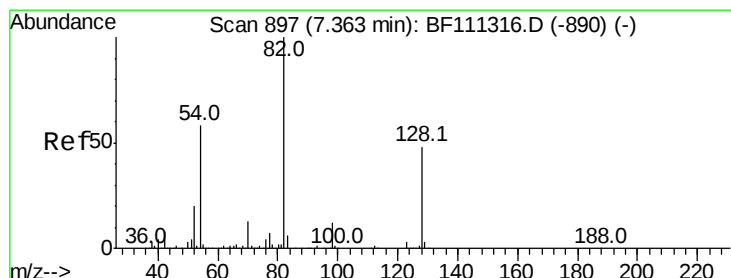
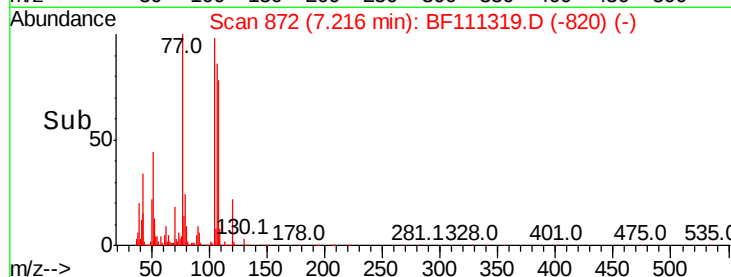
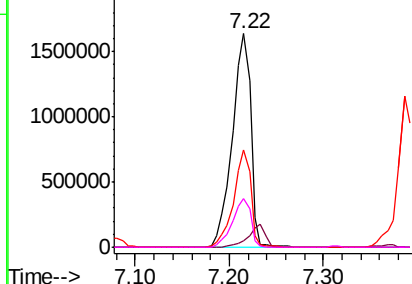
Tot Ion:105 Resp: 2240294
Ion Ratio Lower Upper
105 100
71 3.1 3.1 4.7#
51 45.3 36.6 54.8
120 22.7 18.2 27.4

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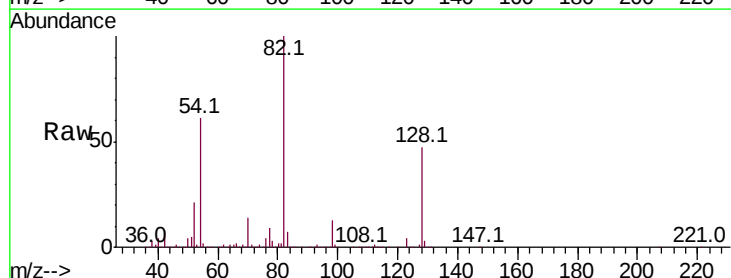


Abundance Ion 105.00 (104.70 to 105.70): E
2500000 Ion 71.00 (70.70 to 71.70): BF1
2000000 Ion 51.00 (50.70 to 51.70): BF1
1500000 Ion 120.00 (119.70 to 120.70): E
1000000
500000
0

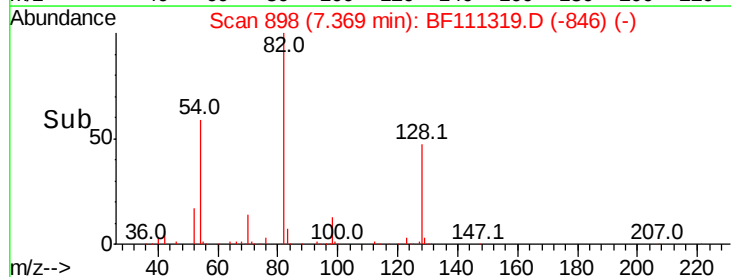
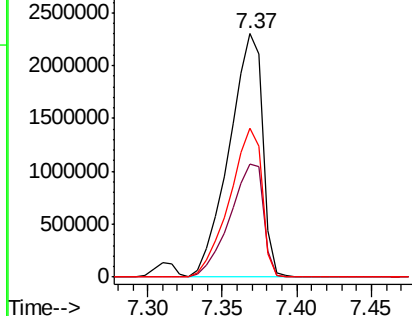


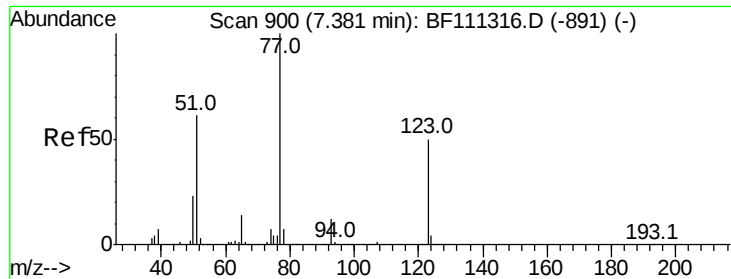
#23
Nitrobenzene-d5
Concen: 148.630 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion: 82 Resp: 3578684
Ion Ratio Lower Upper
82 100
128 46.7 37.4 56.2
54 61.0 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
3000000 Ion 128.00 (127.70 to 128.70): E
2500000 Ion 54.00 (53.70 to 54.70): BF1
2000000
1500000
1000000
500000
0





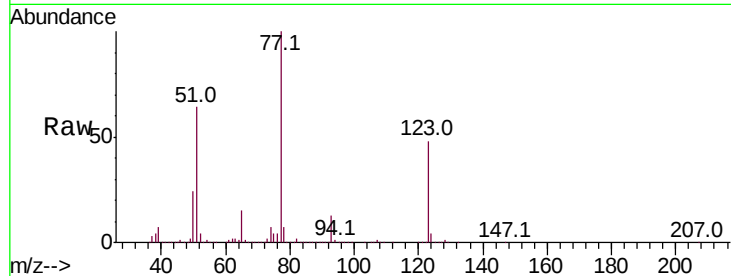
#24
Nitrobenzene
Concen: 74.081 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.2	55.8
65	15.0	11.5	17.3

Manual Integrations
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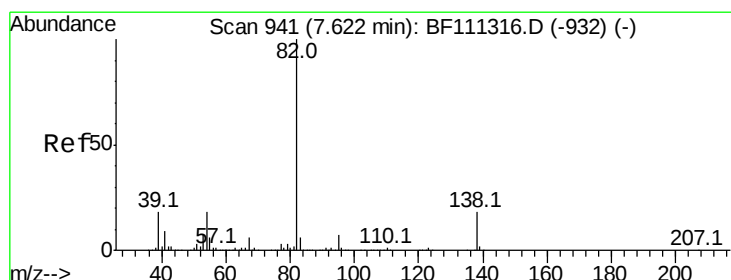
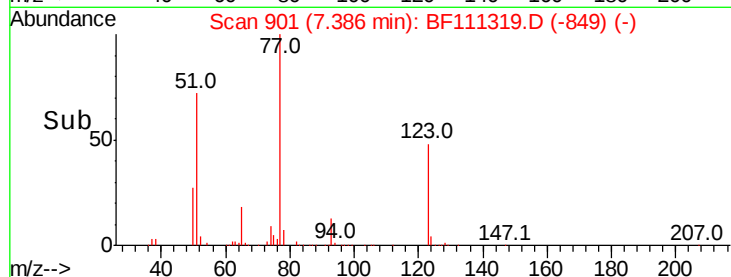
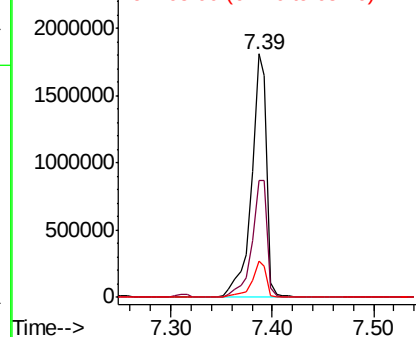


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25
Isophorone
Concen: 76.303 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

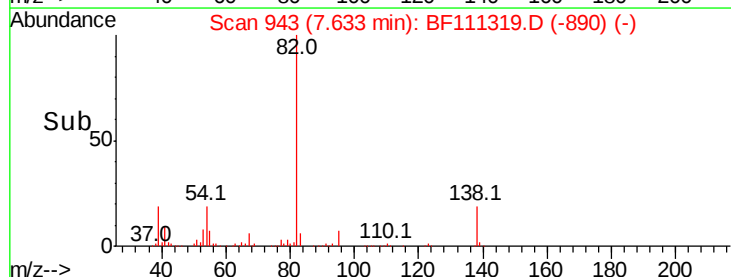
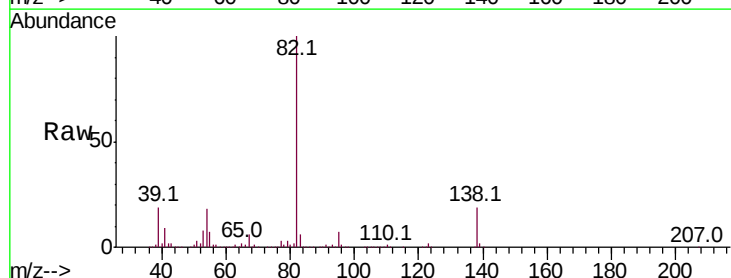
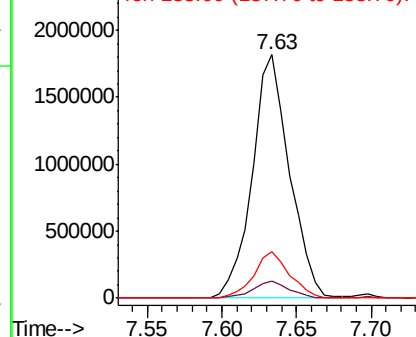
Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	19.1	15.1	22.7

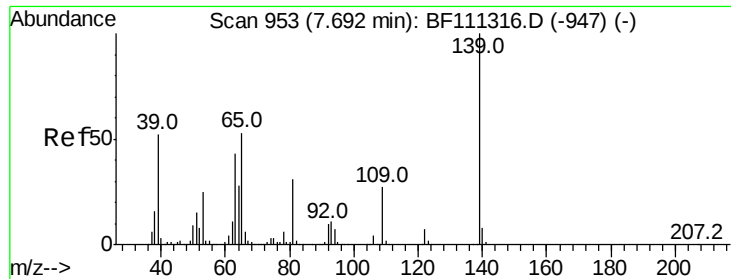
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





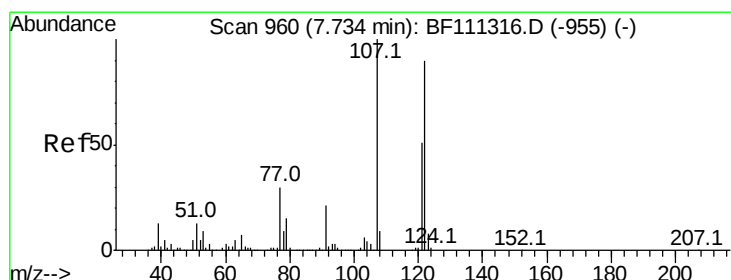
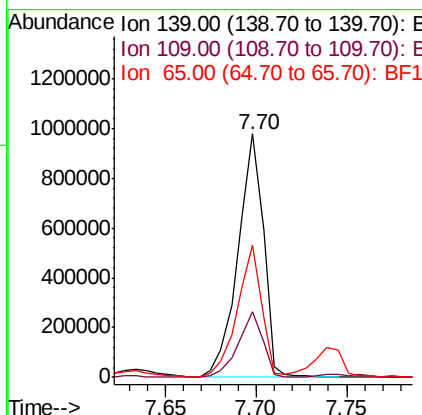
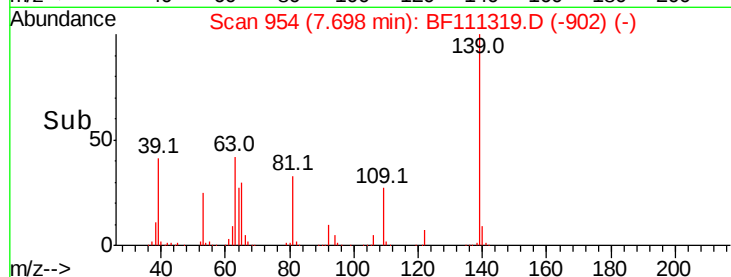
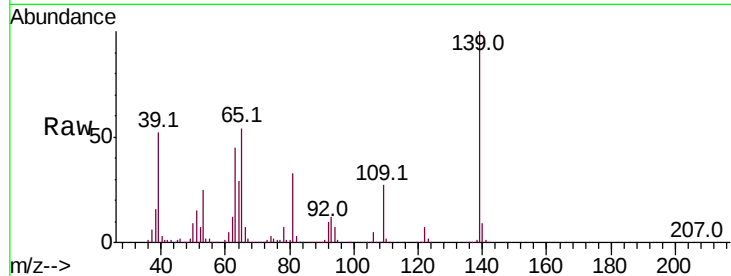
#26
2-Nitrophenol
Concen: 76.696 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.9	20.2	30.4	
65	54.1	40.7	61.1	

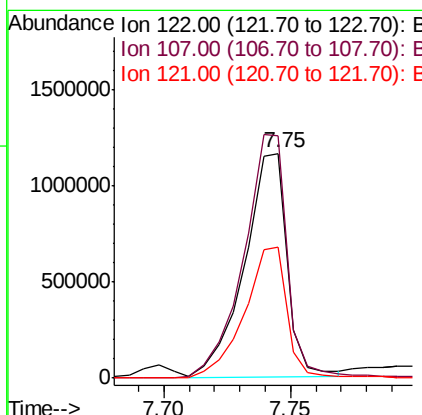
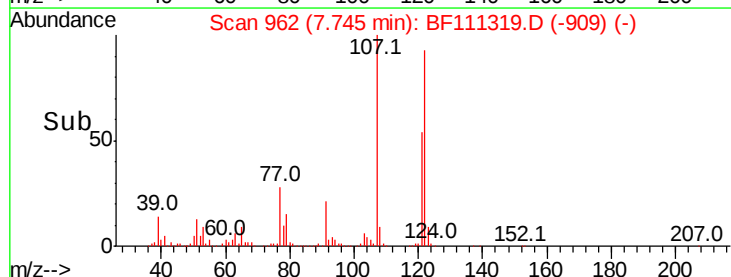
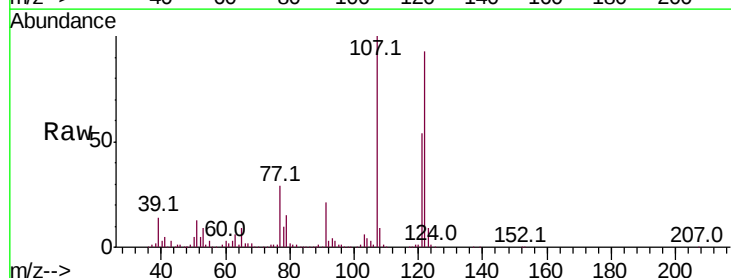
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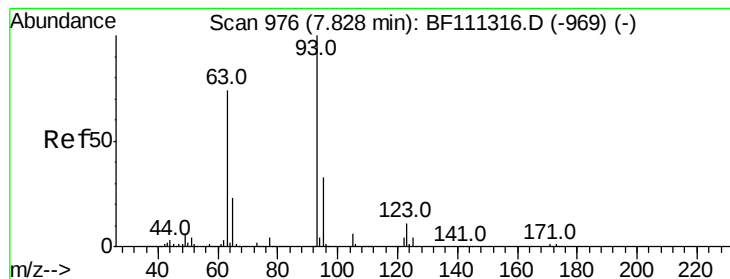
Sohil
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#27
2,4-Dimethylphenol
Concen: 71.754 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	107.9	85.5	128.3	
121	58.1	46.6	70.0	





#28

bis(2-Chloroethoxy)methane

Concen: 72.219 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 93 Resp: 2050892

Ion Ratio Lower Upper

93 100

95 34.0 27.1 40.7

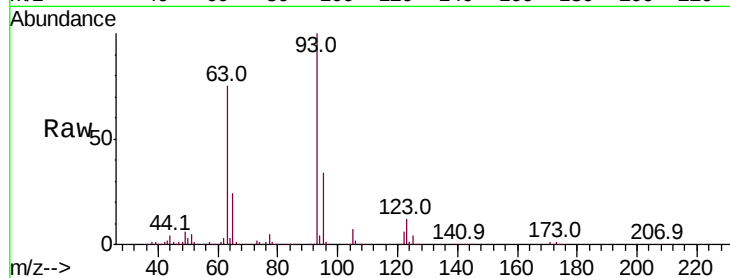
123 12.3 9.9 14.9

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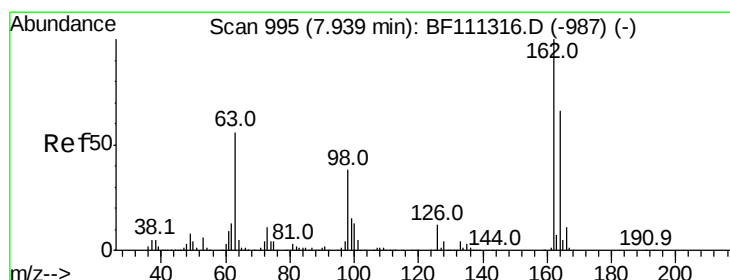
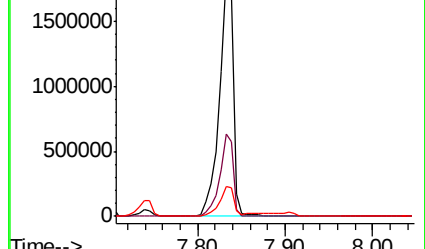
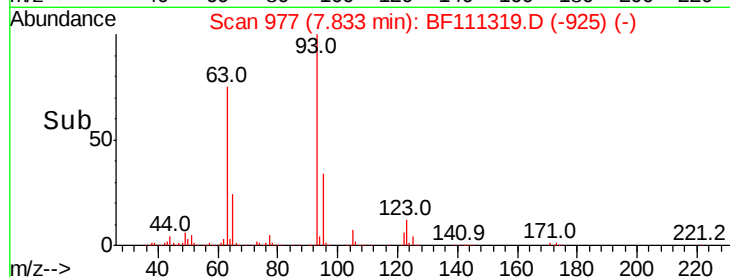


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Time-->



#29

2,4-Dichlorophenol

Concen: 72.287 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

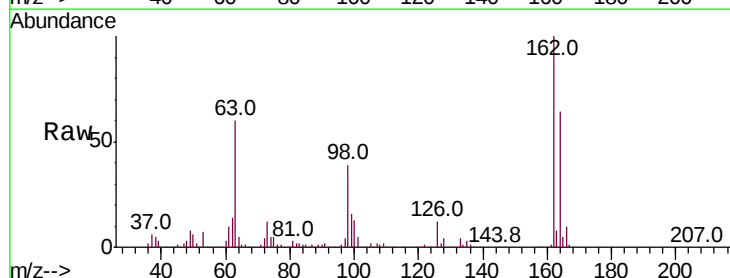
Tgt Ion:162 Resp: 1422085

Ion Ratio Lower Upper

162 100

164 64.3 44.4 84.4

98 39.4 20.3 60.3

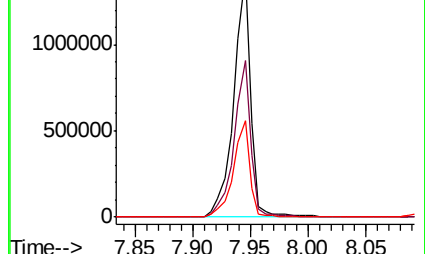
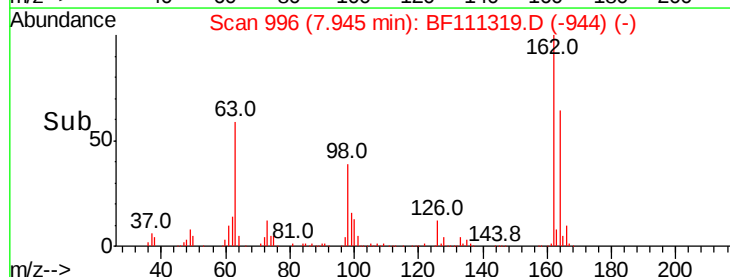


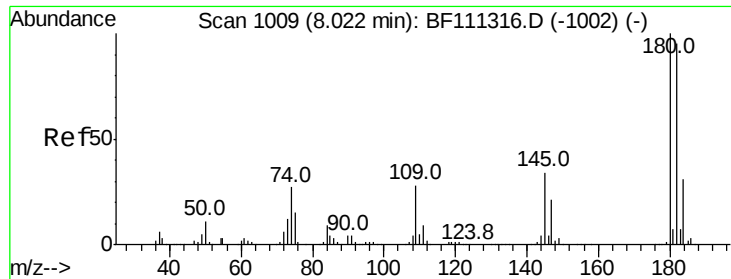
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

Time-->





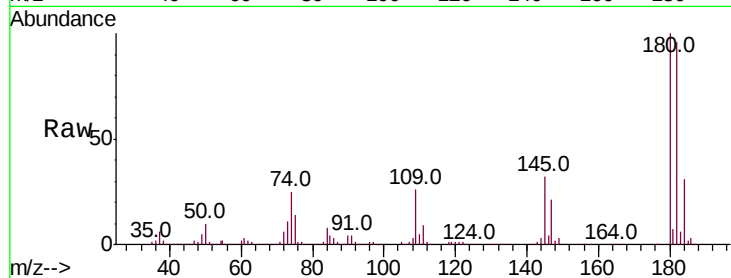
#30
1,2,4-Trichlorobenzene
Concen: 73.908 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

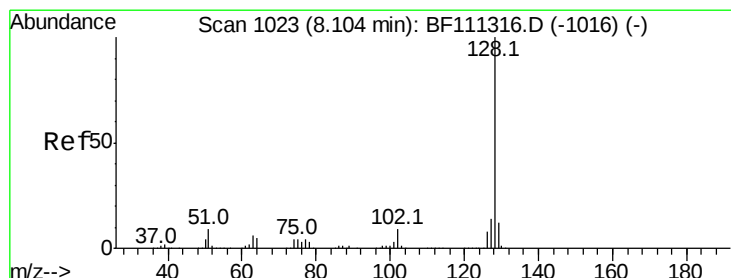
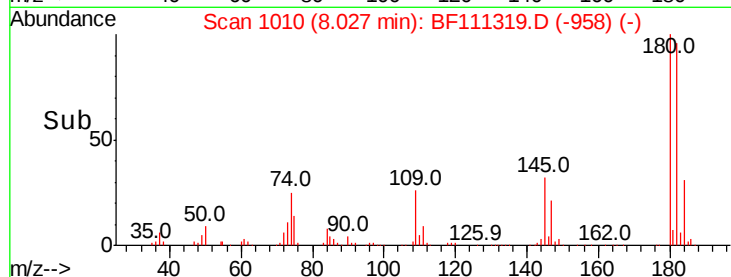
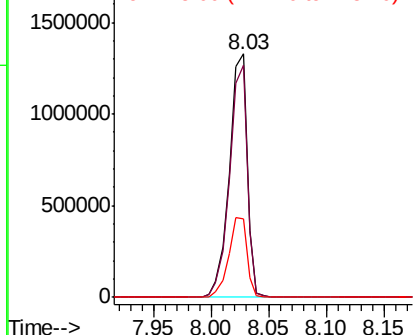
Tot Ion:180 Resp: 1432204
Ion Ratio Lower Upper
180 100
182 95.6 75.6 113.4
145 32.4 26.7 40.1

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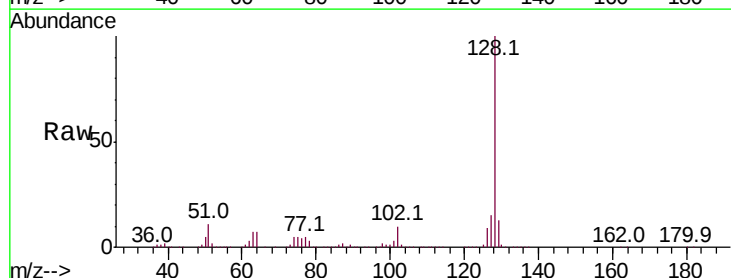


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

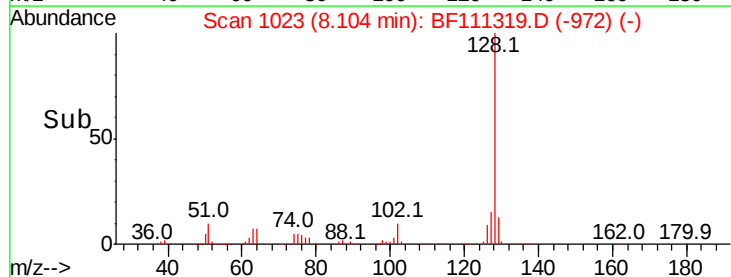
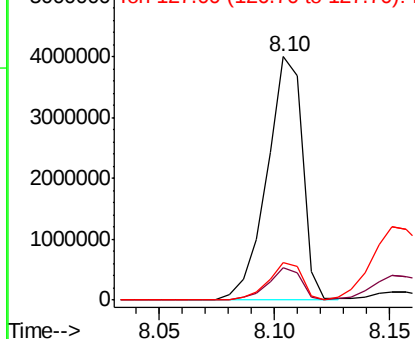


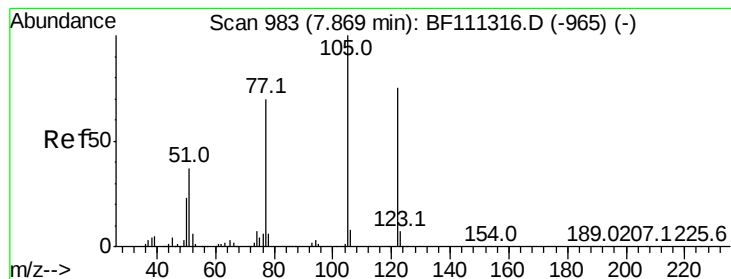
#31
Naphthalene
Concen: 72.485 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:128 Resp: 4272319
Ion Ratio Lower Upper
128 100
129 13.2 9.8 14.8
127 15.2 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: 82.418 ng/ml

RT: 7.91 min Scan# 990

Delta R.T. 0.04 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:122 Resp: 1311276

Ion Ratio Lower Upper

122 100

105 125.3 97.0 137.0

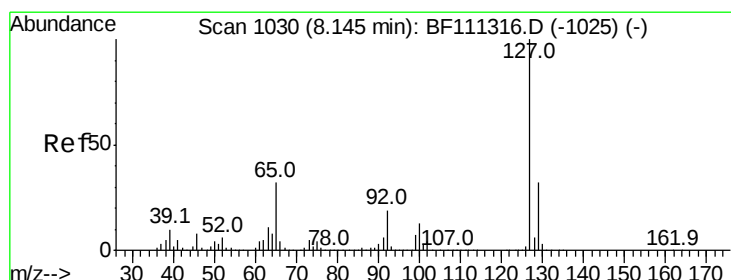
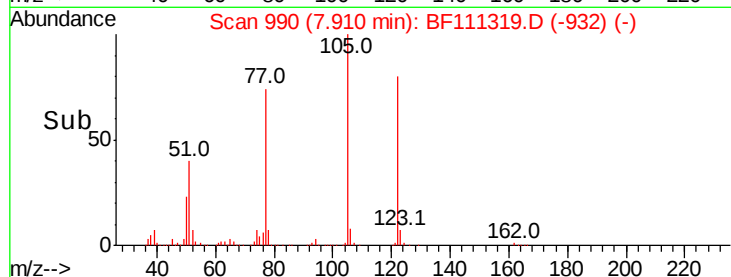
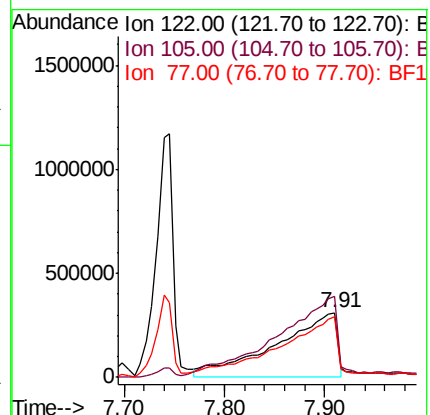
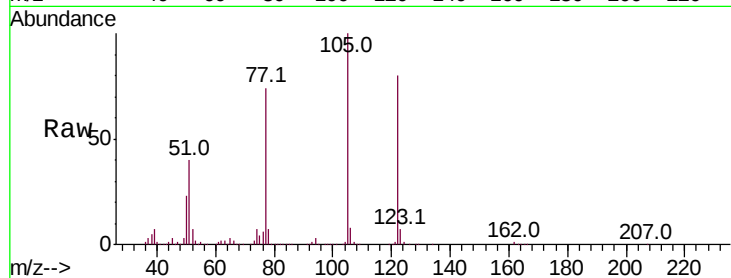
77 93.2 65.7 105.7

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#33

4-Chloroaniline

Concen: 73.104 ng/ml

RT: 8.15 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Tgt Ion:127 Resp: 2069509

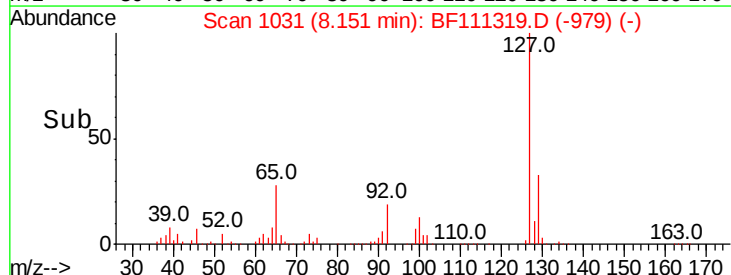
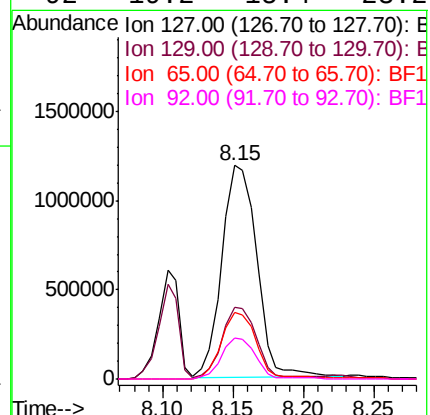
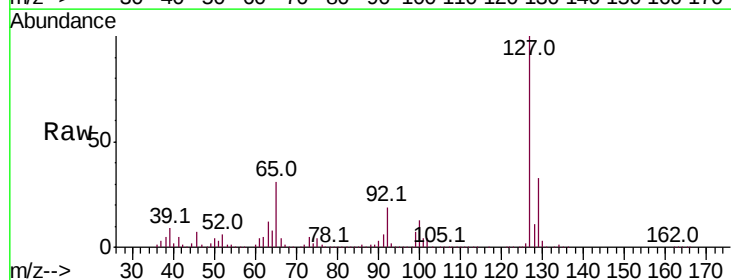
Ion Ratio Lower Upper

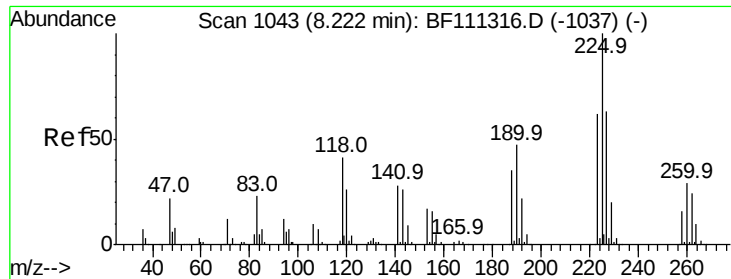
127 100

129 33.3 26.6 39.8

65 31.3 25.7 38.5

92 19.2 15.4 23.2





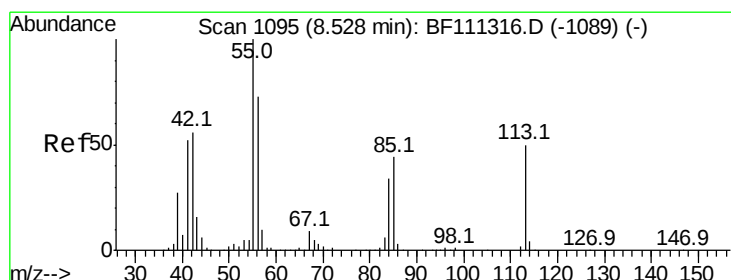
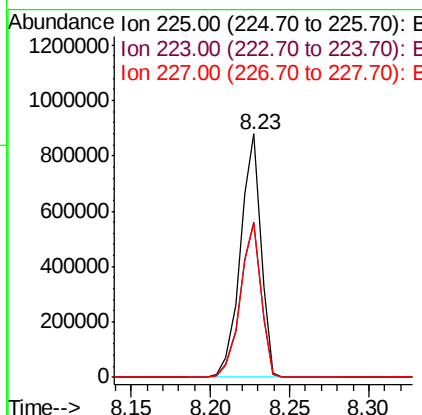
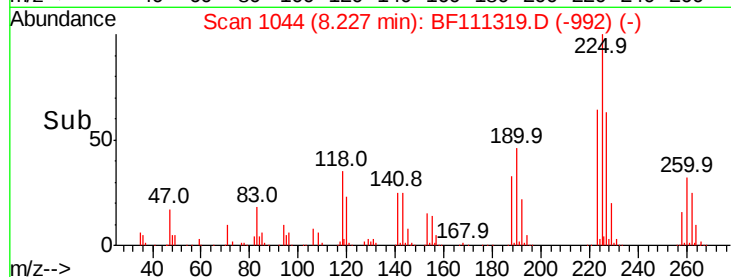
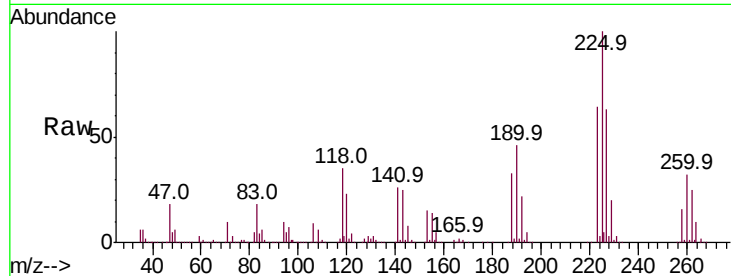
#34
Hexachlorobutadiene
Concen: 73.807 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
225	100	789502		
223	63.5		50.7	76.1
227	63.0		52.6	78.8

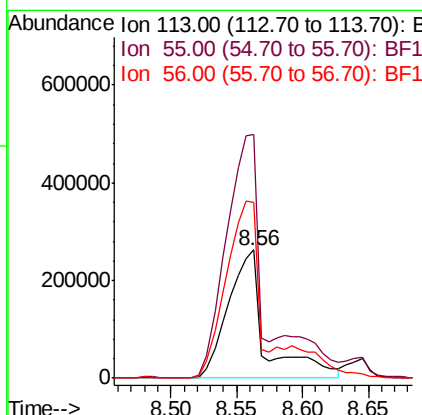
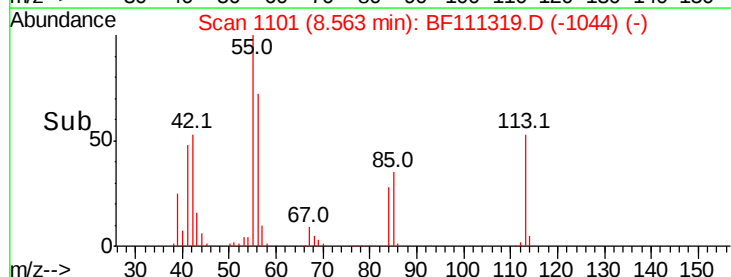
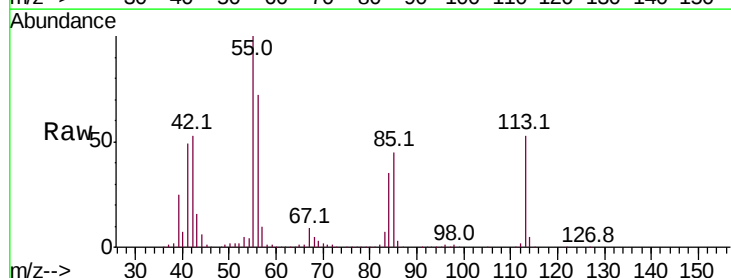
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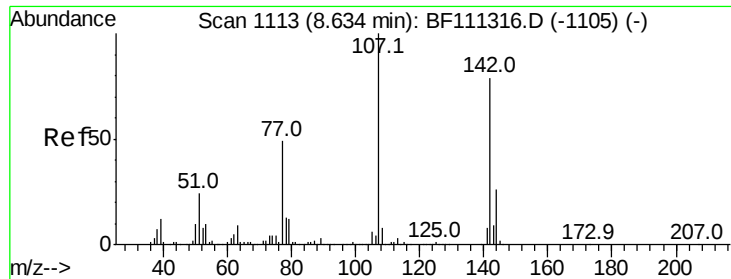
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#35
Caprolactam
Concen: 74.801 ng m
RT: 8.56 min Scan# 1101
Delta R.T. 0.04 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	521452		
55	190.0		184.1	224.1
56	137.3		126.0	166.0





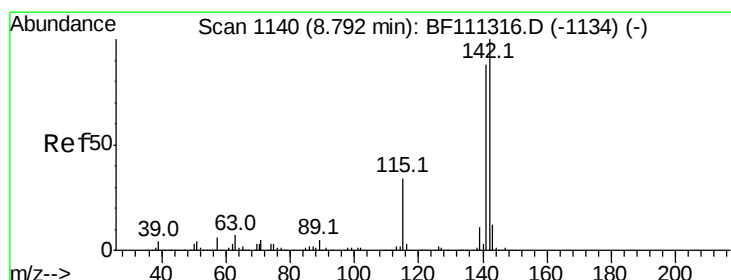
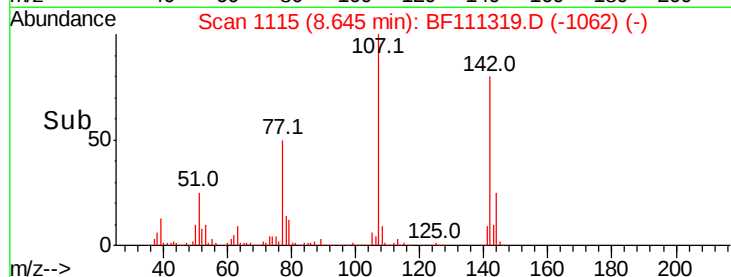
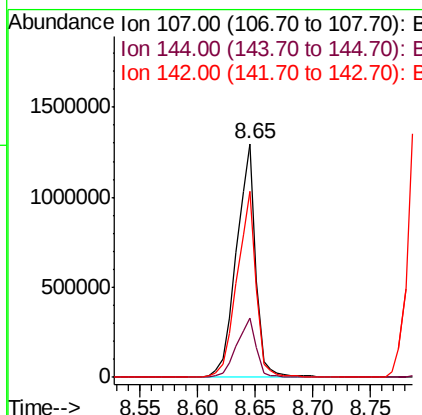
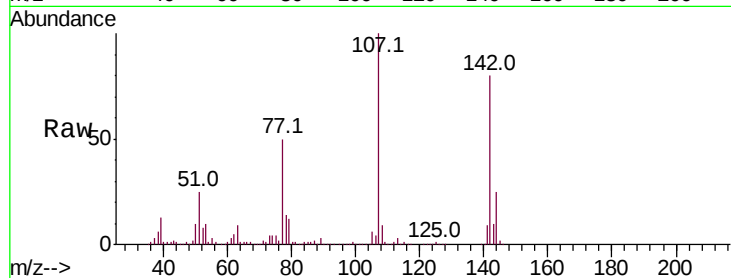
#36
4-Chloro-3-methylphenol
Concen: 74.603 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:107 Resp: 1502681
Ion Ratio Lower Upper
107 100
144 25.4 19.8 29.6
142 79.5 62.3 93.5

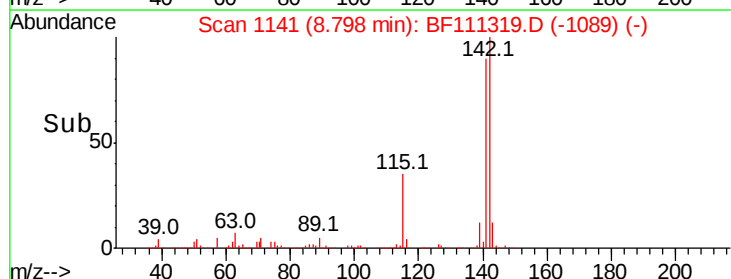
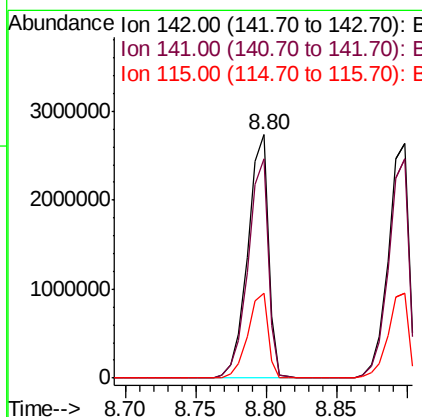
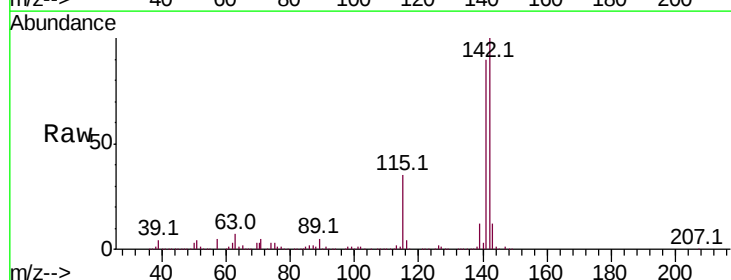
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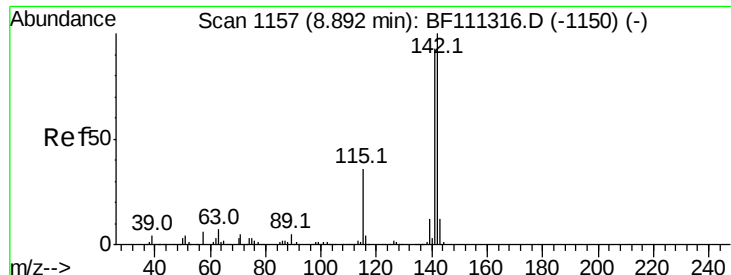
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#37
2-Methylnaphthalene
Concen: 71.879 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:142 Resp: 2812776
Ion Ratio Lower Upper
142 100
141 89.8 70.6 105.8
115 34.6 27.0 40.6





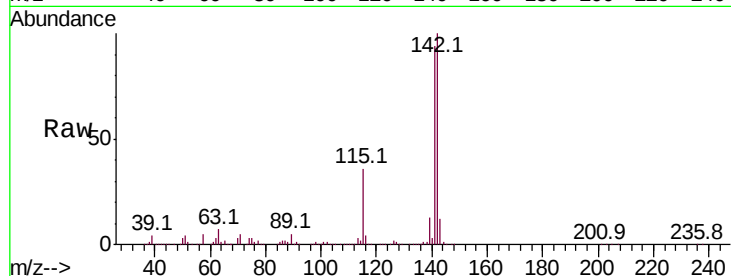
#38
1-Methylnaphthalene
Concen: 69.954 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.2	111.4
116	3.8	2.9	4.3

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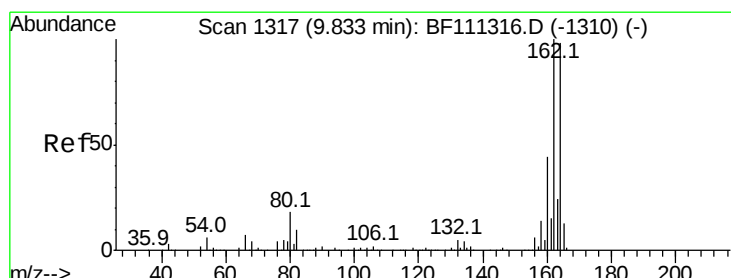
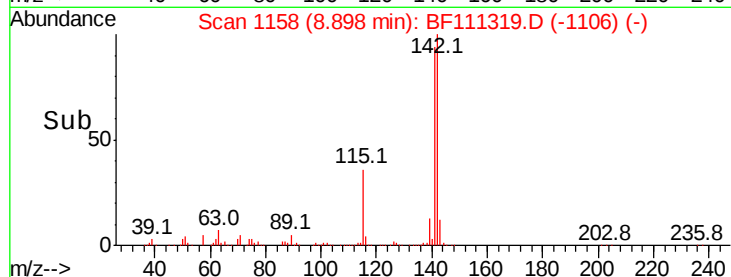
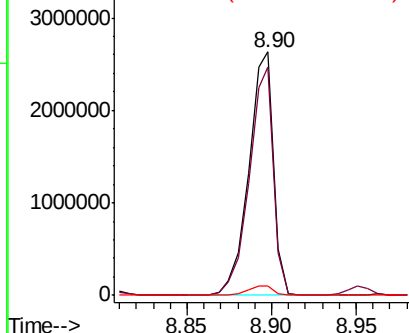


Abundance

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



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

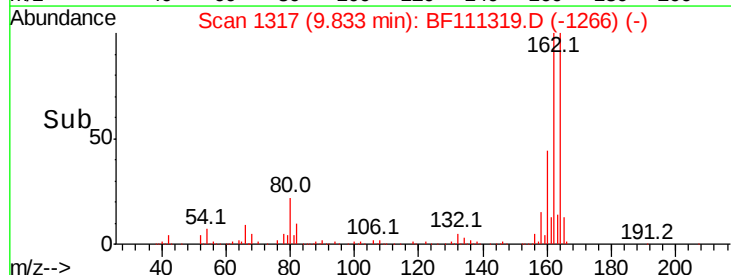
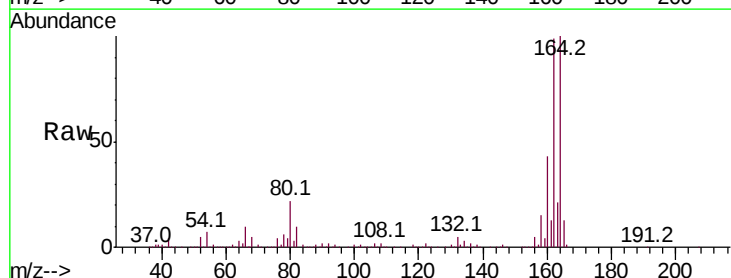
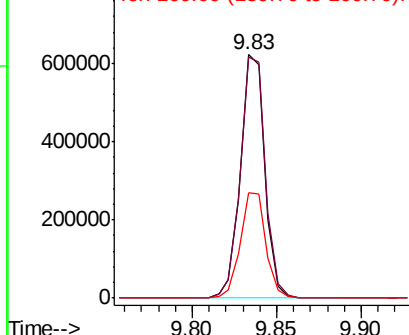
Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.4	122.0
160	43.3	35.7	53.5

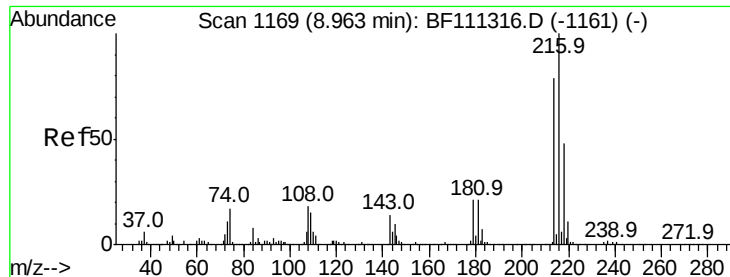
Abundance

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





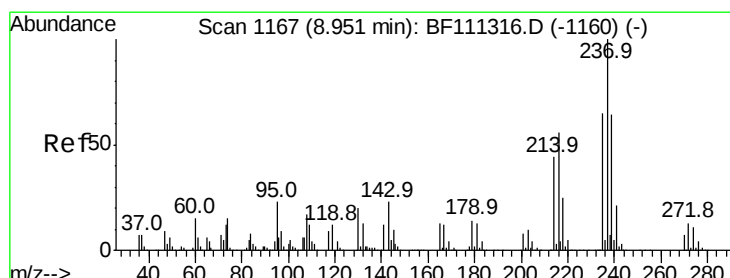
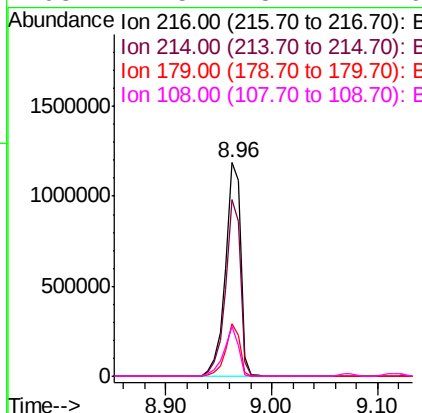
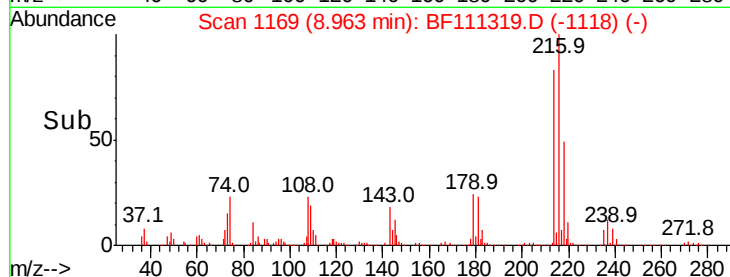
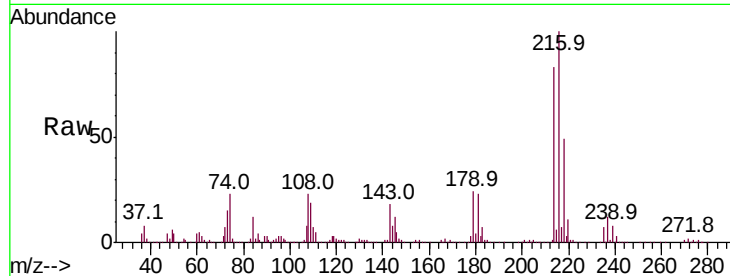
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 68.507 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.7	63.8	95.8
179	23.1	17.9	26.9
108	22.5	18.4	27.6

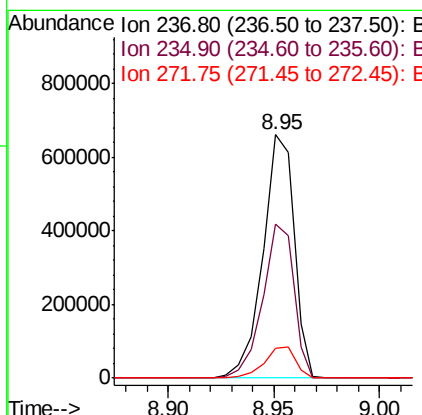
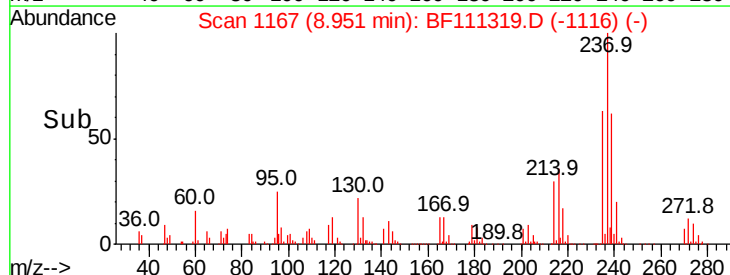
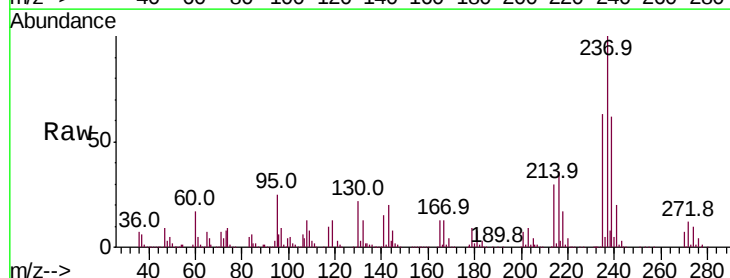
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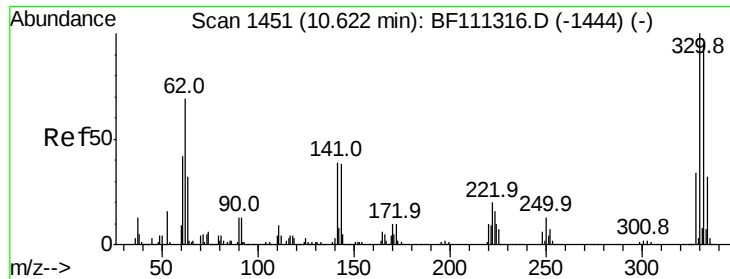
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#41
 Hexachlorocyclopentadiene
 Concen: 68.880 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.1	83.1
272	12.3	0.0	33.0





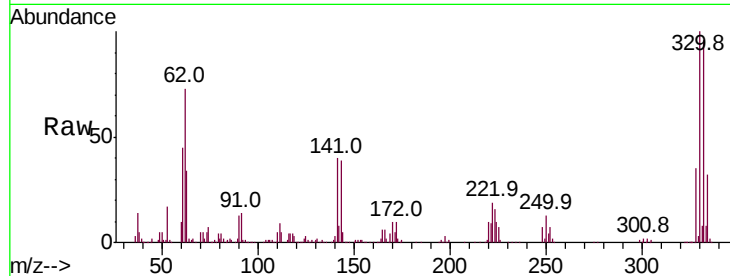
#42
 2,4,6-Tribromophenol
 Concen: 136.924 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC080

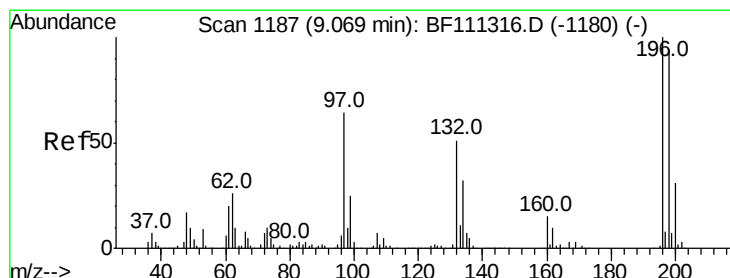
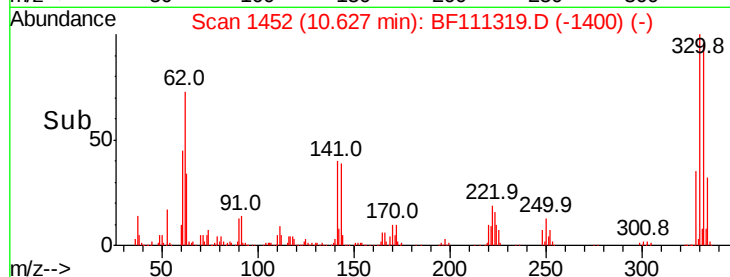
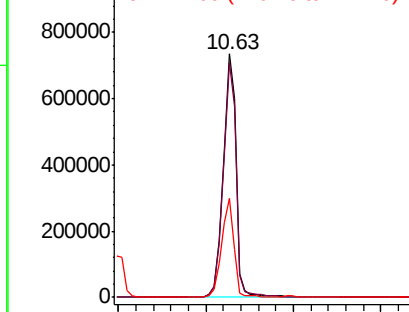
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	38.9	31.0	46.6

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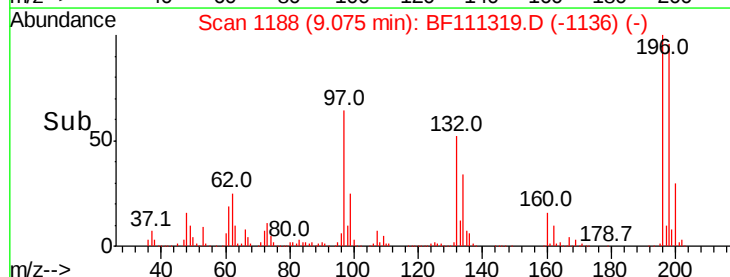
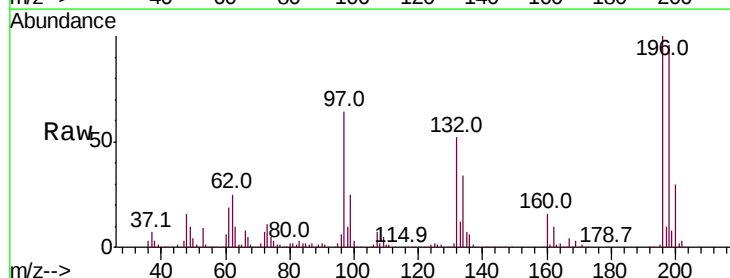
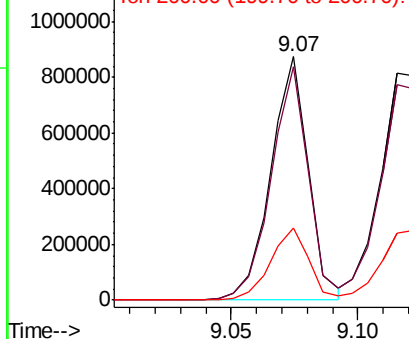
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

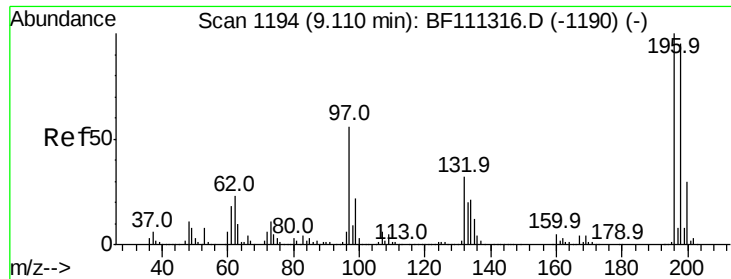


#43
 2,4,6-Trichlorophenol
 Concen: 69.538 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.3	114.5
200	29.8	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





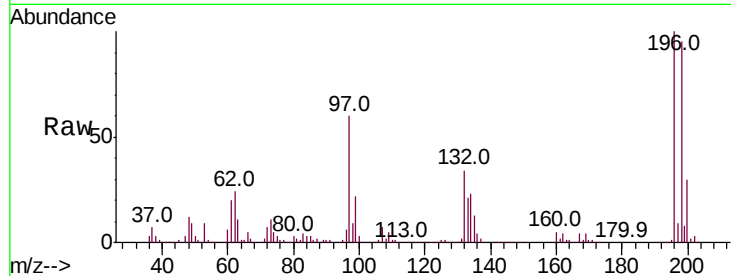
#44
 2,4,5-Trichlorophenol
 Concen: 71.447 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	971145		
198	95.0	72.9	109.3	
97	59.7	45.3	67.9	
132	34.4	25.5	38.3	

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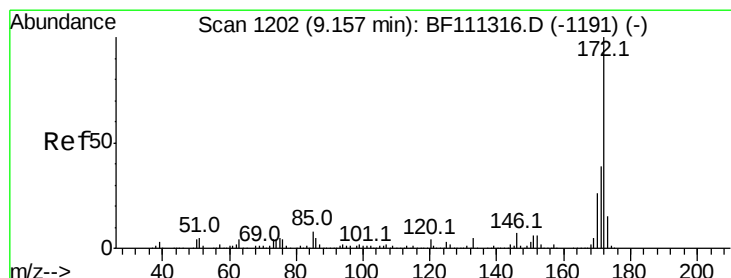
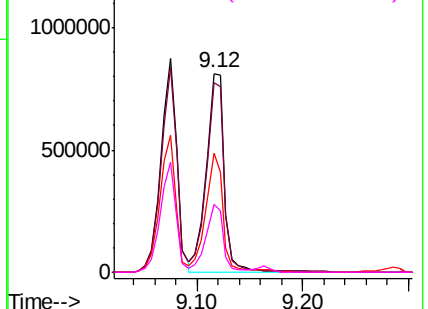
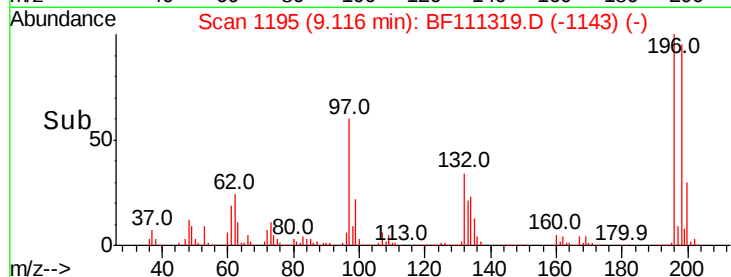
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

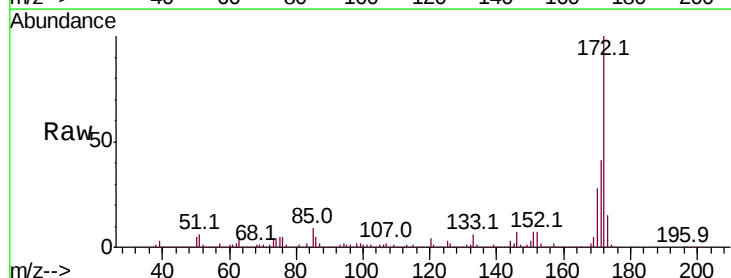
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 128.122 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	5074068		
171	40.6	33.0	49.4	
170	27.7	22.3	33.5	

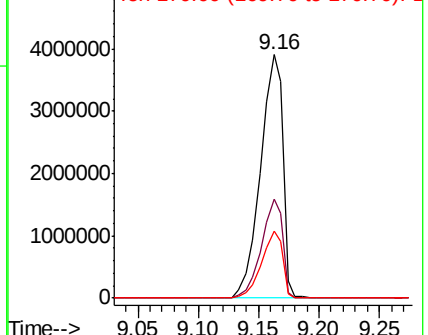
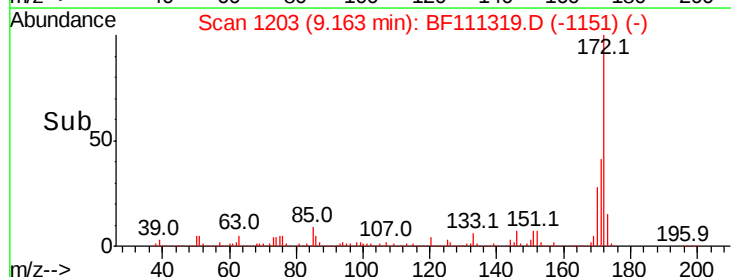


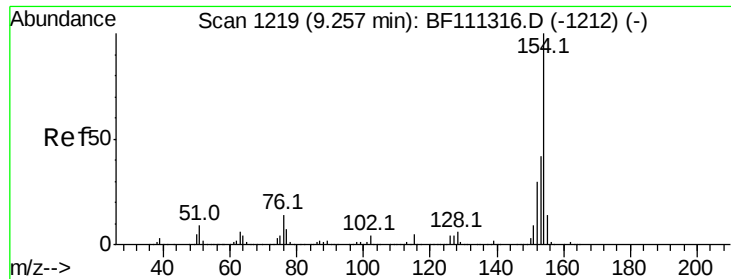
Abundance

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





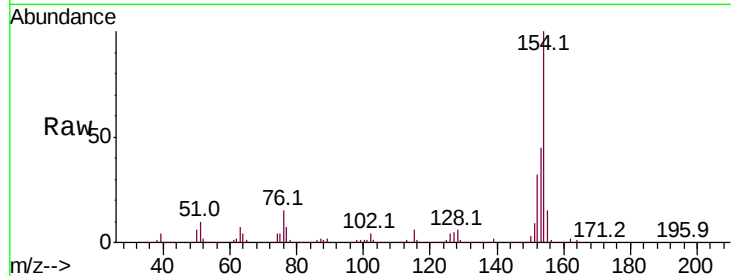
#46
 1,1'-Biphenyl
 Concen: 66.903 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.5	23.7	63.7
76	15.2	0.0	35.0

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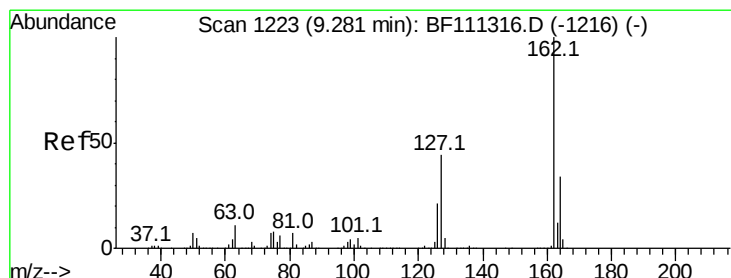
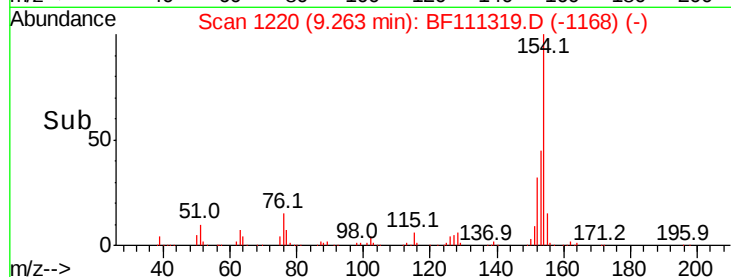
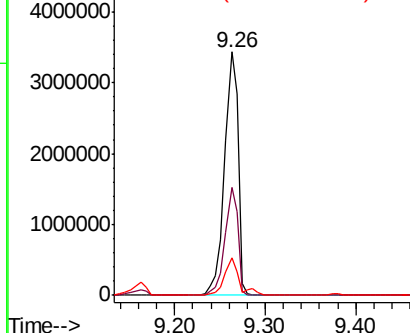


Abundance

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



#47
 2-Chloronaphthalene
 Concen: 68.572 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

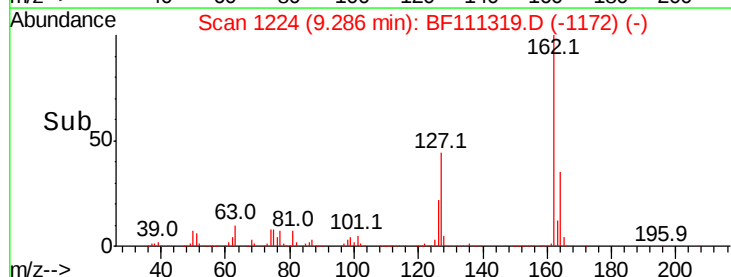
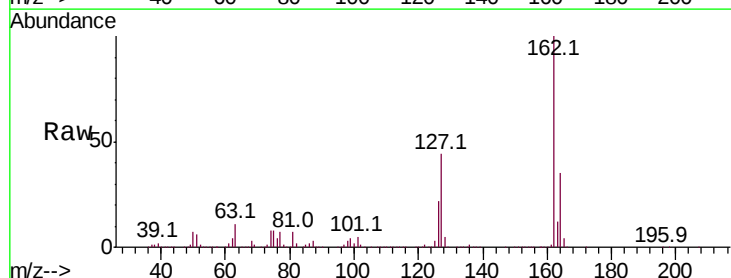
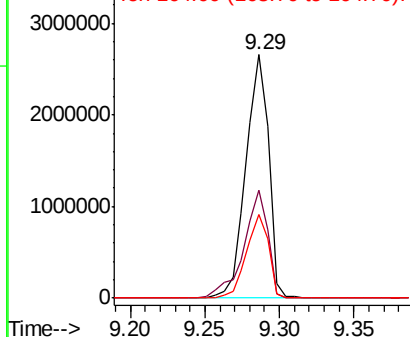
Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.4	35.0	52.4
164	34.6	28.4	42.6

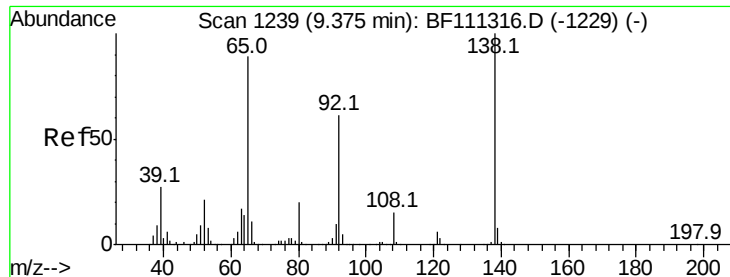
Abundance

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





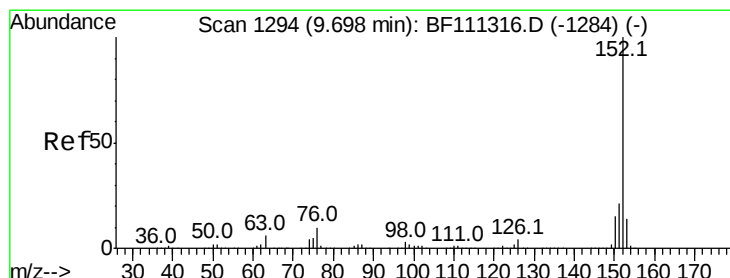
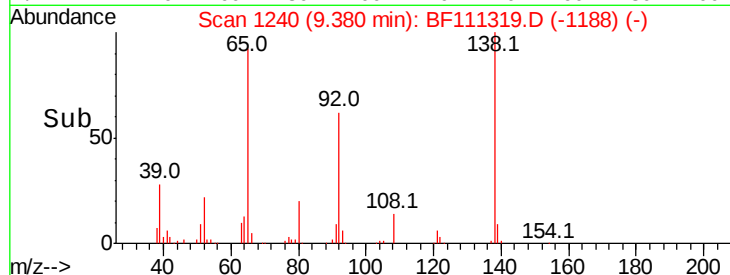
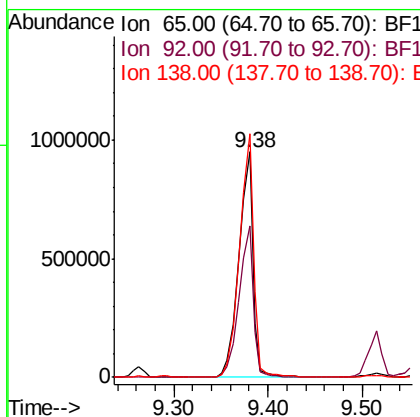
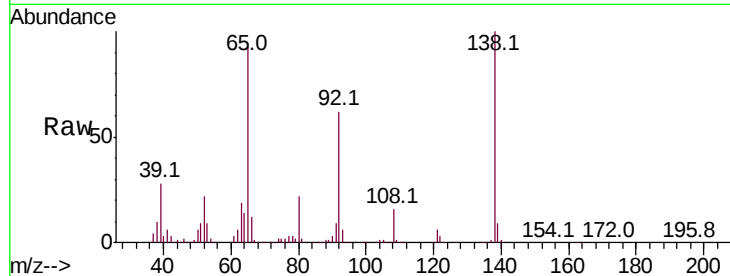
#48
2-Nitroaniline
Concen: 71.905 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion: 65 Resp: 1002655
Ion Ratio Lower Upper
65 100
92 67.3 53.5 80.3
138 108.0 80.9 121.3

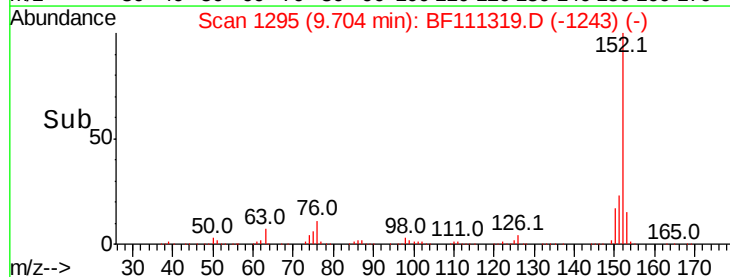
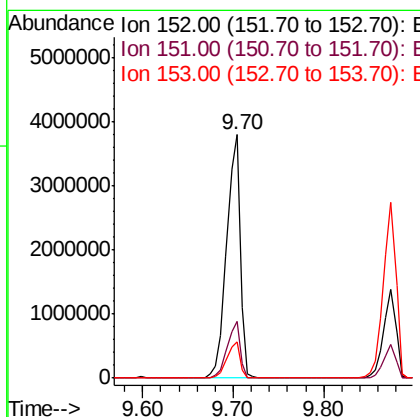
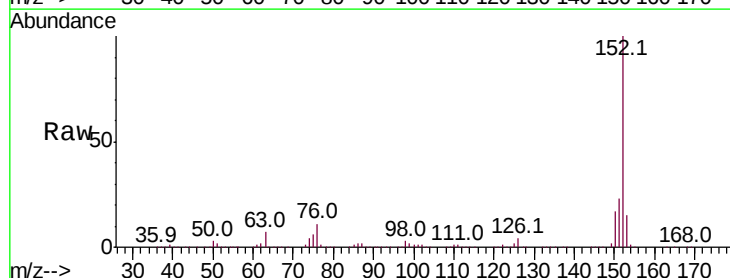
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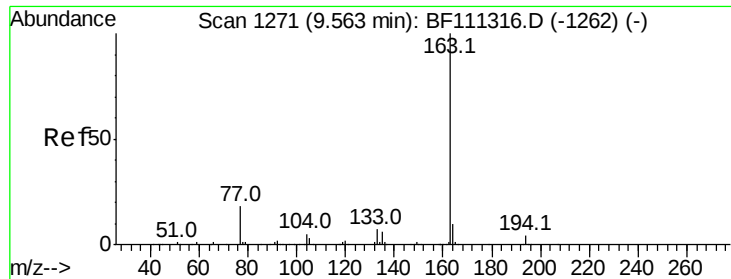
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#49
Acenaphthylene
Concen: 66.392 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:152 Resp: 3939813
Ion Ratio Lower Upper
152 100
151 23.2 18.0 27.0
153 15.0 12.3 18.5





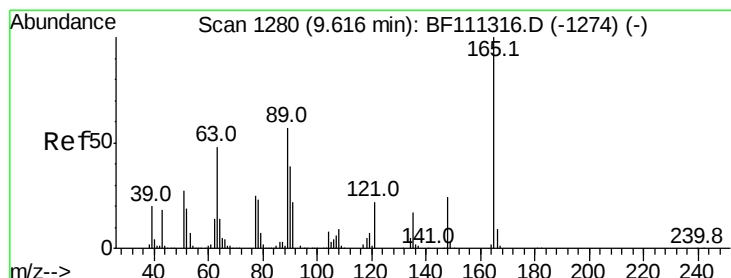
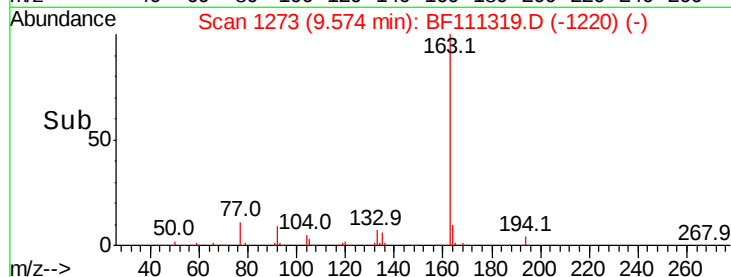
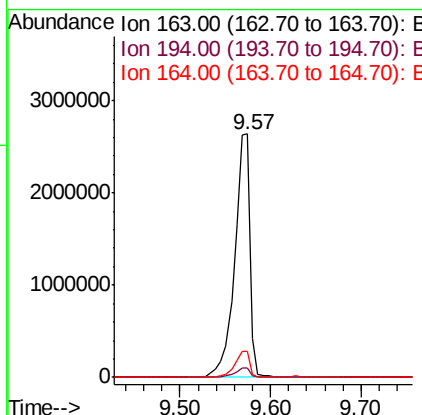
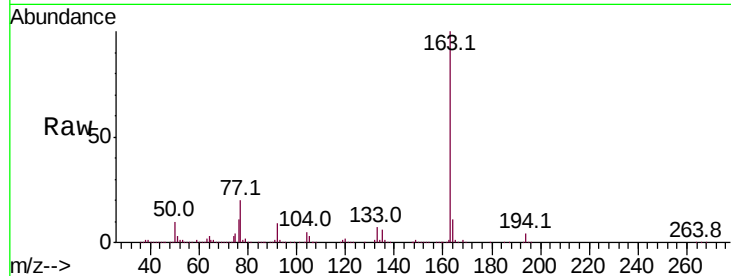
#50
Dimethylphthalate
Concen: 68.233 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.6	8.9	13.3

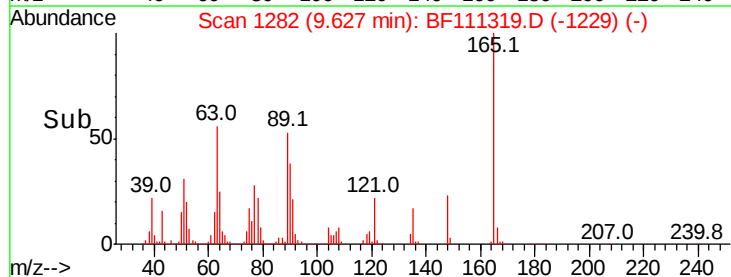
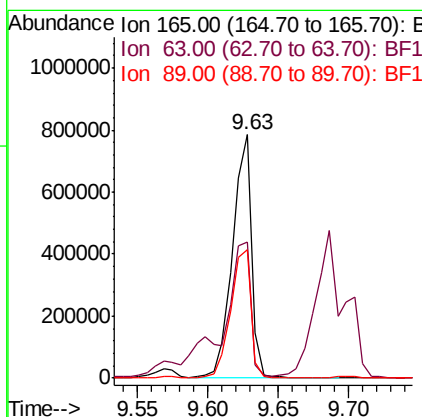
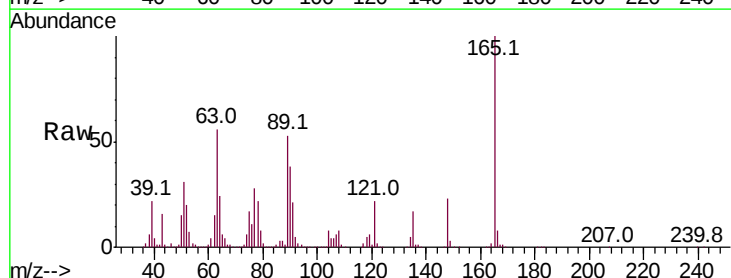
Manual Integrations
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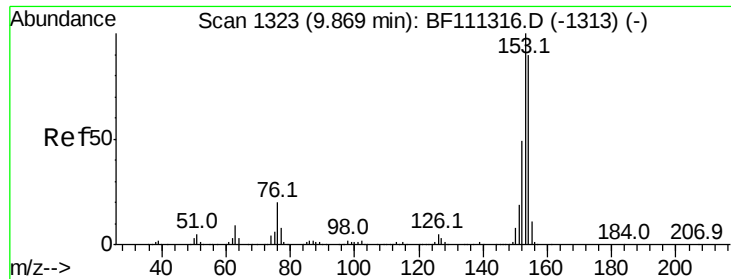
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#51
2,6-Dinitrotoluene
Concen: 72.681 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.7	40.5	60.7
89	52.9	40.0	60.0





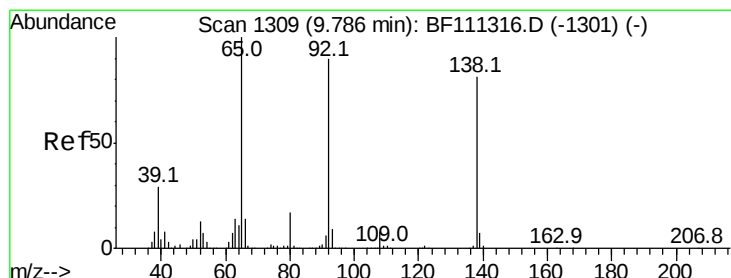
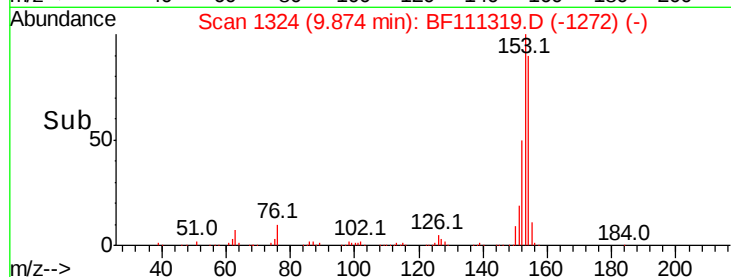
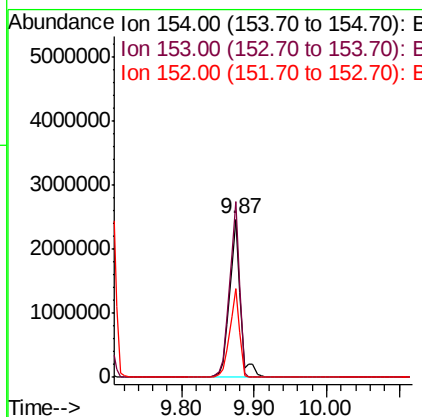
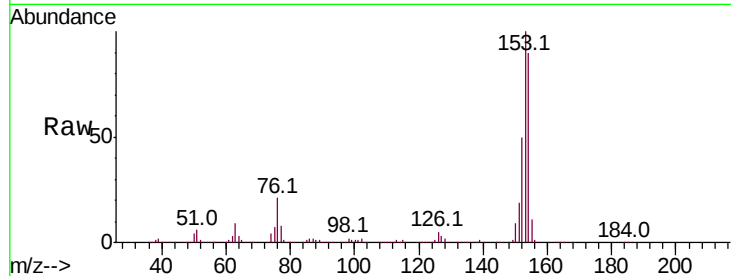
#52
Acenaphthene
Concen: 69.653 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.0	87.8	131.8
152	55.6	43.4	65.2

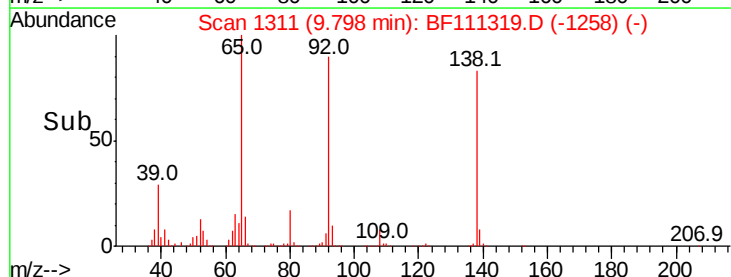
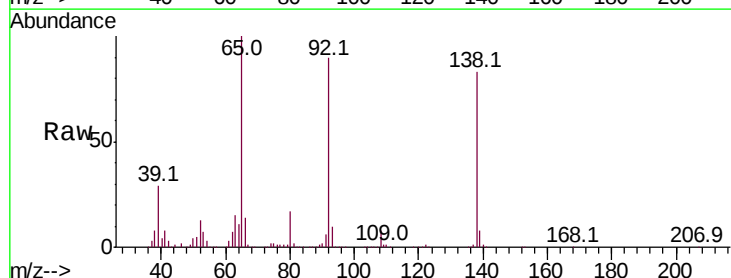
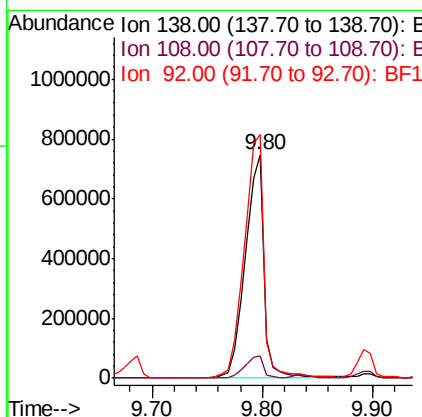
Manual Integrations
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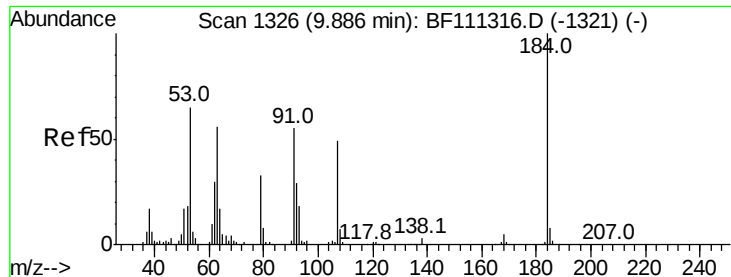
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#53
3-Nitroaniline
Concen: 71.153 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.2	12.4
92	108.9	93.4	140.2





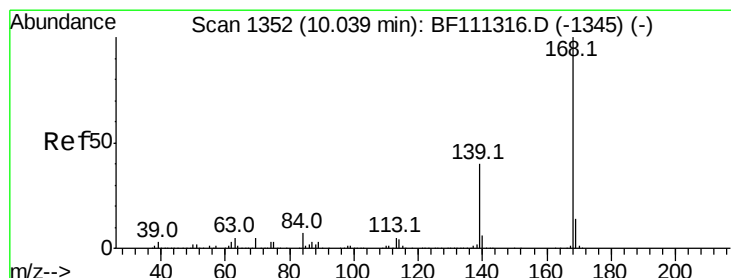
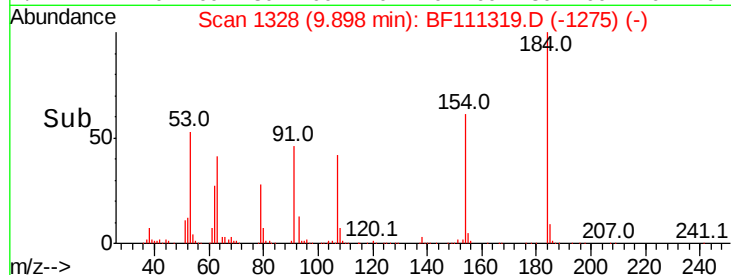
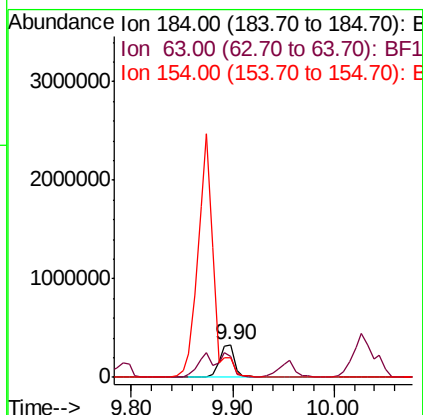
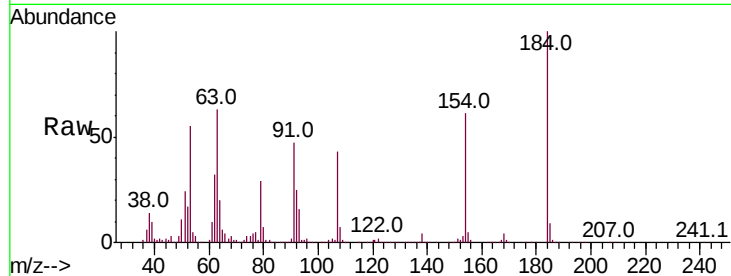
#54
2,4-Dinitrophenol
Concen: 86.436 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
184	100		
63	62.7	62.3	93.5
154	61.1	56.2	84.2

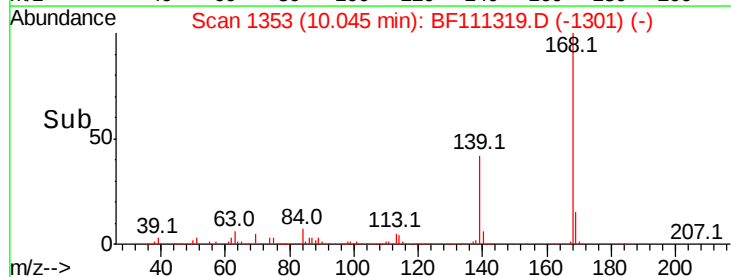
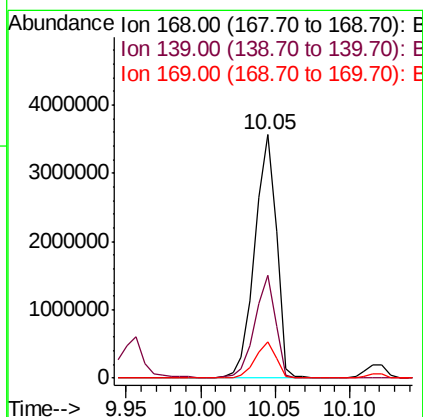
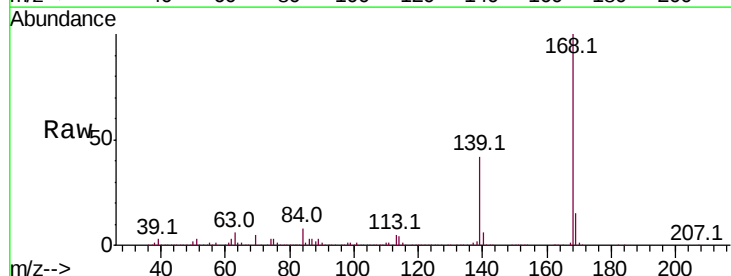
Manual Integrations
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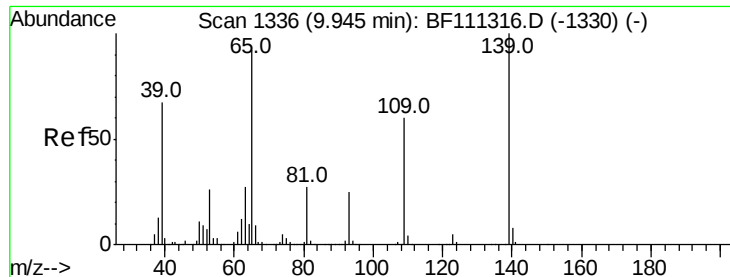
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#55
Dibenzofuran
Concen: 70.377 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.3	32.6	49.0
169	14.9	11.8	17.6





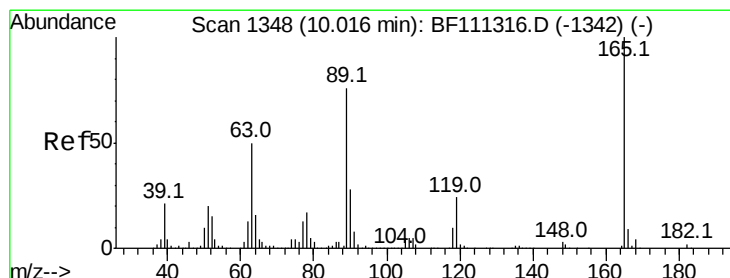
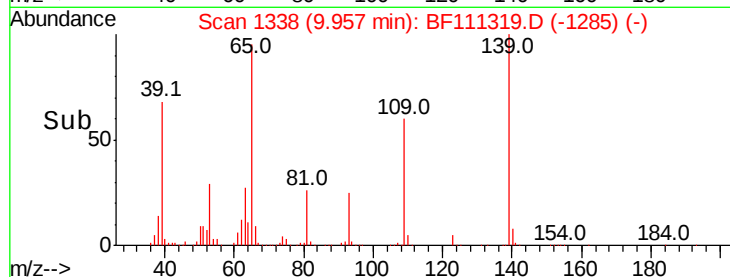
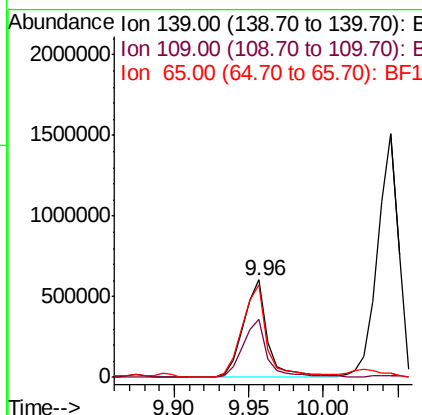
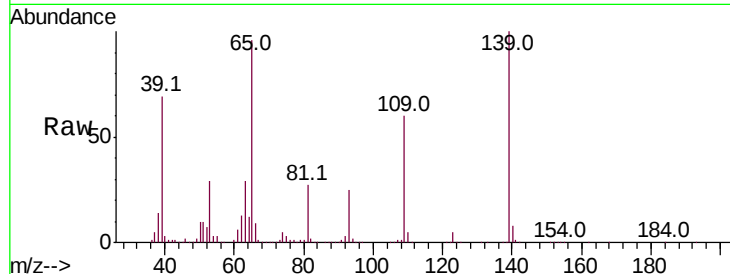
#56
4-Nitrophenol
Concen: 69.169 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.0	41.8	81.8
65	95.6	79.6	119.6

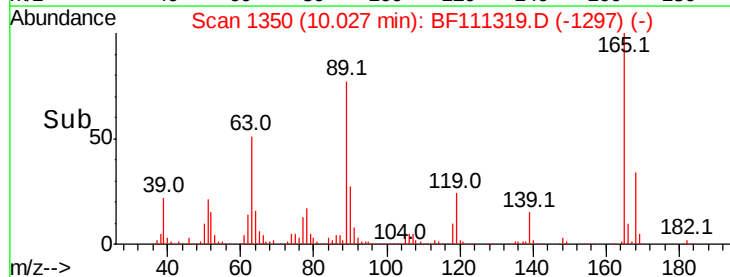
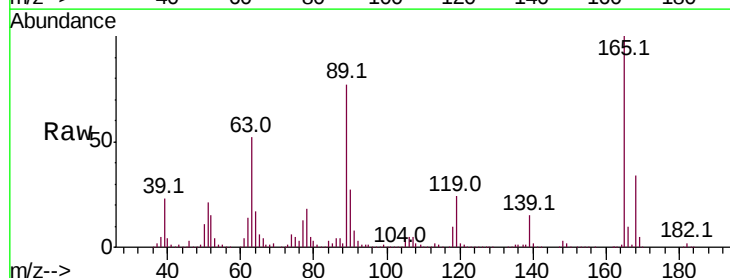
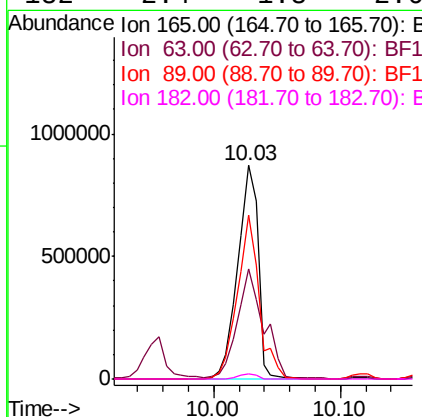
Manual Integrations
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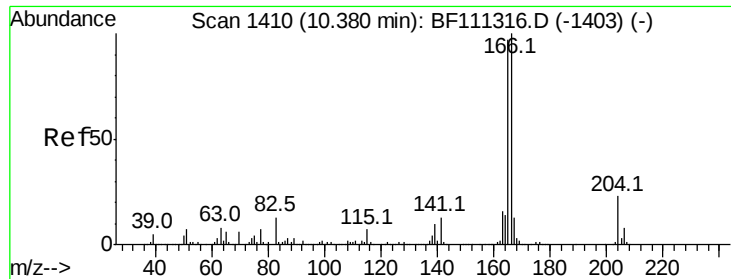
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#57
2,4-Dinitrotoluene
Concen: 76.910 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.5	34.6	52.0
89	76.5	56.2	84.4
182	2.4	1.8	2.6





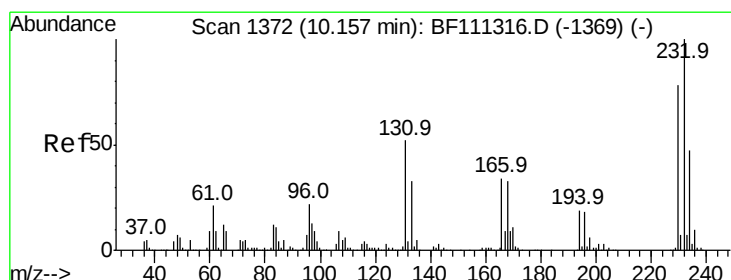
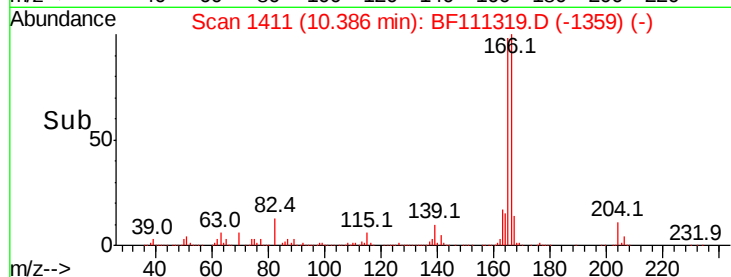
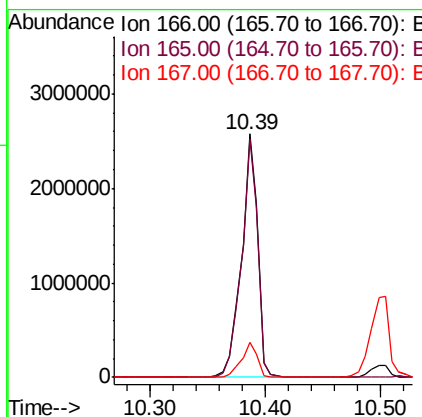
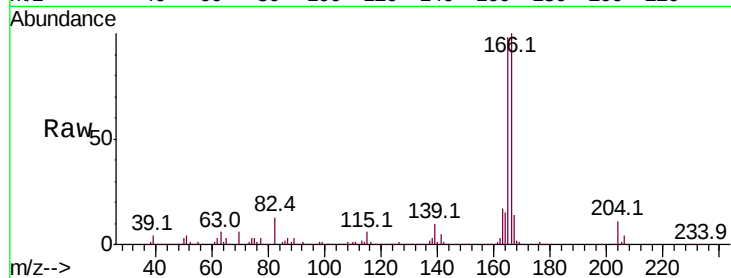
#58
 Fluorene
 Concen: 63.755 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:166 Resp: 2499478
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.4 117.6
 167 14.4 11.2 16.8

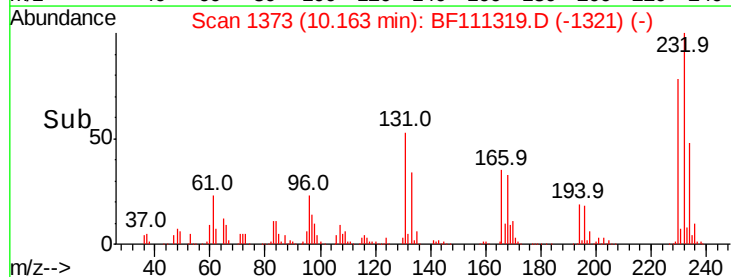
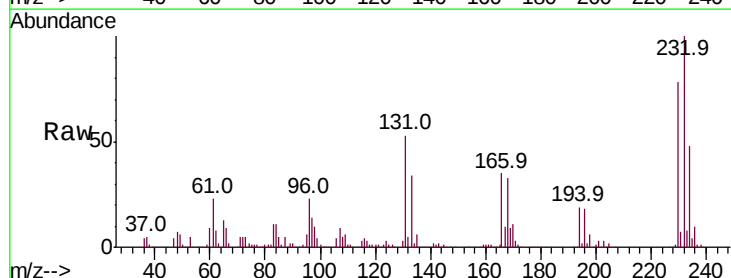
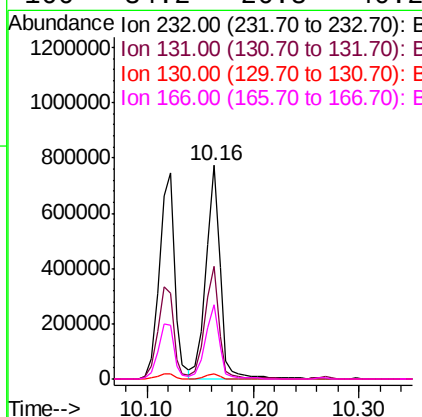
Manual Integrations
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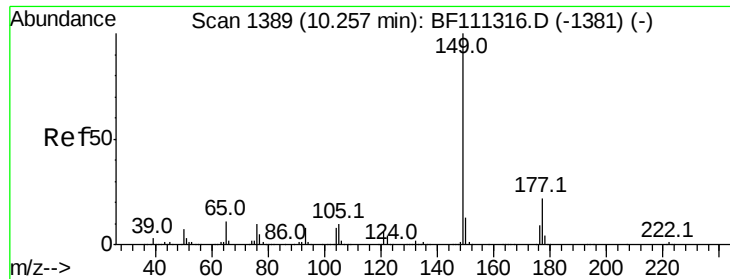
Sohil
 12/13/2018 6:05:57 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 69.942 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion:232 Resp: 720623
 Ion Ratio Lower Upper
 232 100
 131 52.1 40.9 61.3
 130 2.4 2.0 3.0
 166 34.2 26.8 40.2





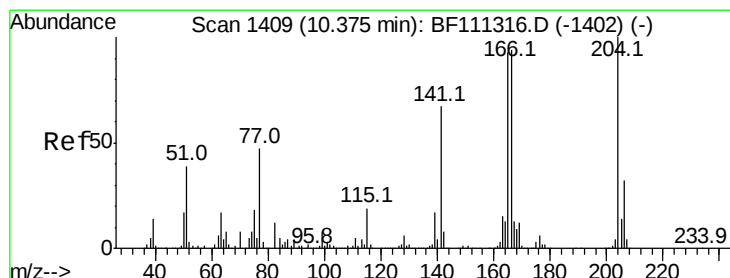
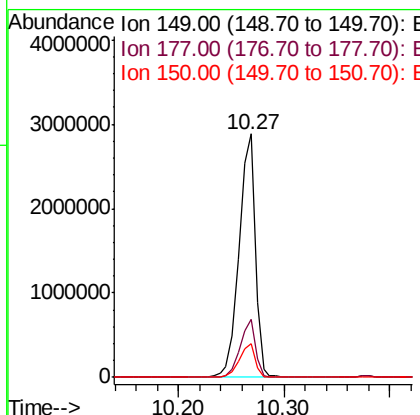
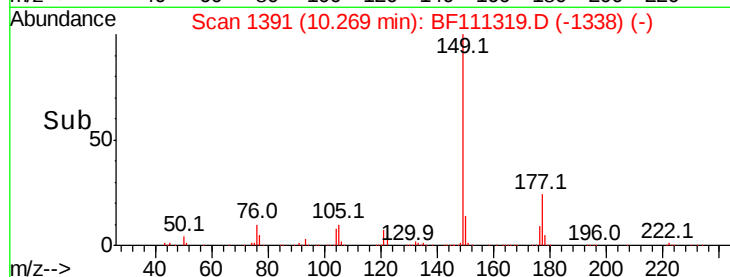
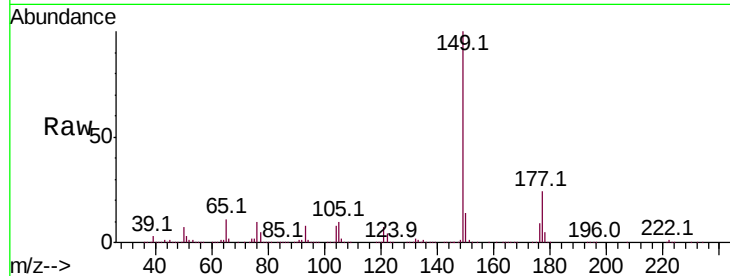
#60
Diethylphthalate
Concen: 68.942 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	149	Resp:	3029700
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.3	27.5
150	13.6	10.6	15.8

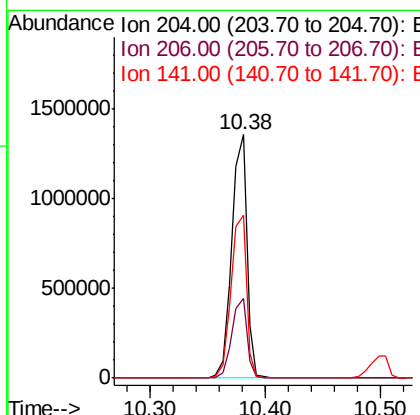
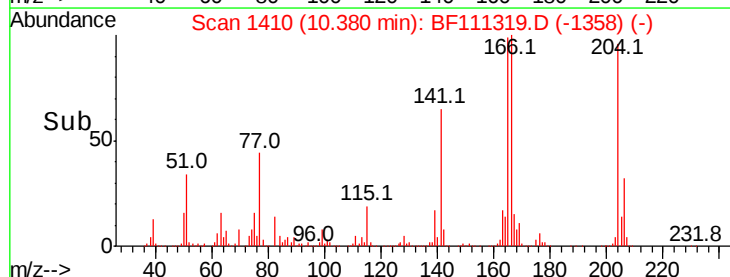
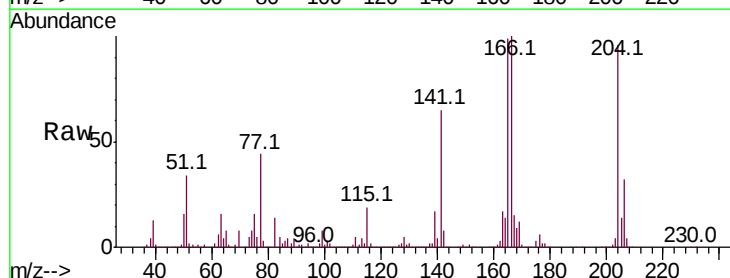
Manual Integrations
APPROVED

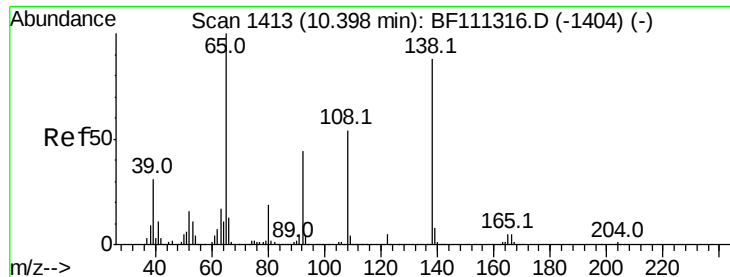
Sohil
12/13/2018 6:05:57 PM



#61
4-Chlorophenyl-phenylether
Concen: 63.389 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:	204	Resp:	1233916
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	67.2	52.6	78.8





#62

4-Nitroaniline

Concen: 73.250 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.02 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

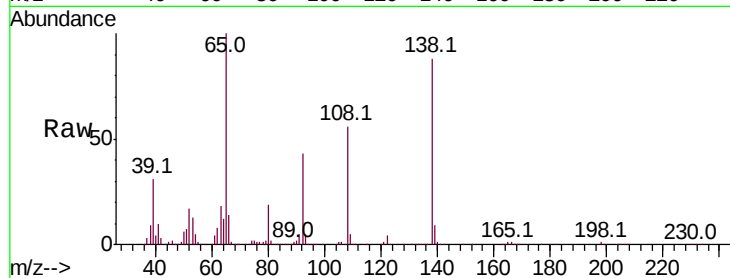
ClientSampleId :

SSTDIC080

Tot Ion:	138	Resp:	870856
Ion Ratio	Lower	Upper	
138	100		
92	49.2	29.9	69.9
108	63.9	43.2	83.2

Manual Integrations
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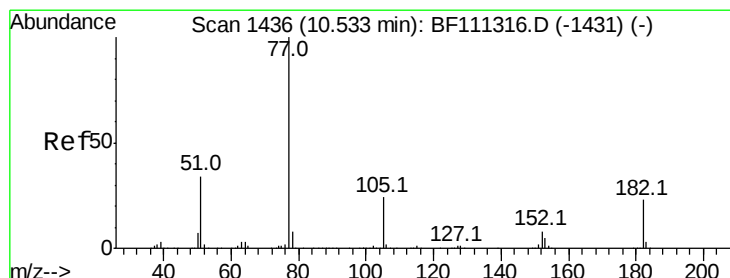
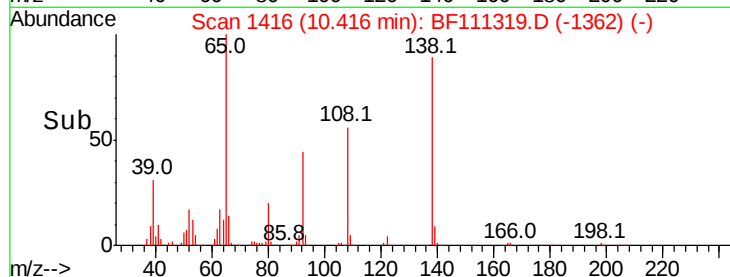
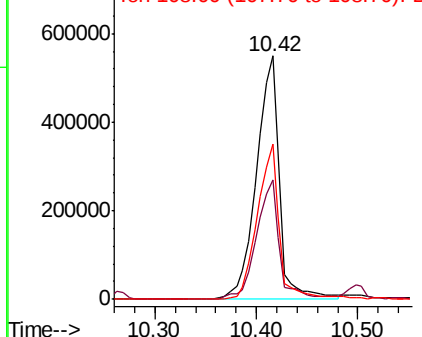
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 69.119 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

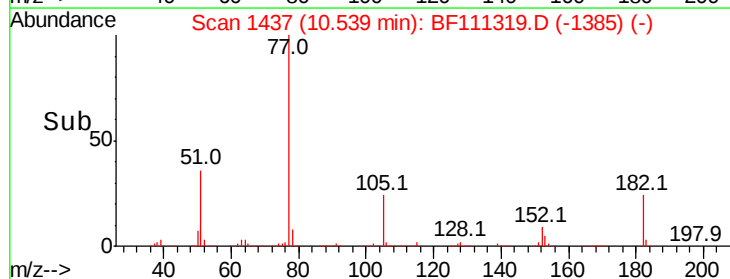
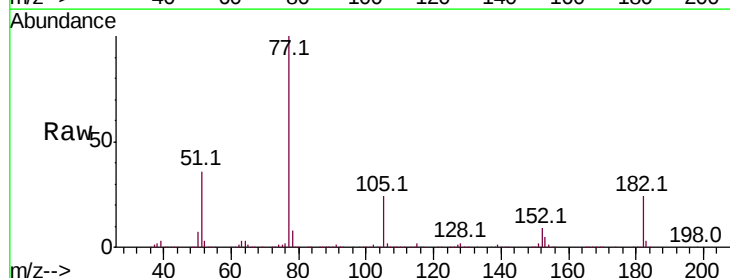
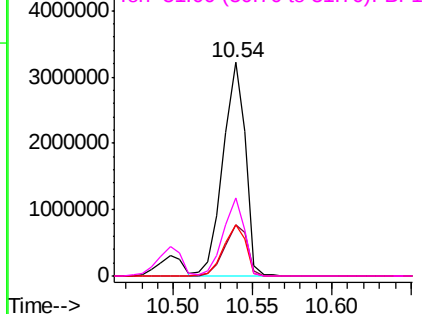
Tgt Ion:	77	Resp:	3153607
Ion Ratio	Lower	Upper	
77	100		
182	23.7	4.9	44.9
105	24.3	6.0	46.0
51	36.4	14.7	54.7

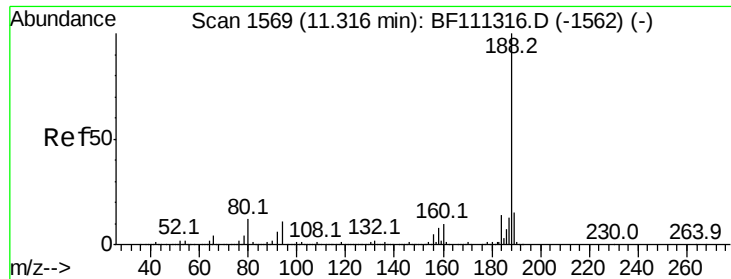
Abundance Ion 77.00 (76.70 to 77.70): BF1

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





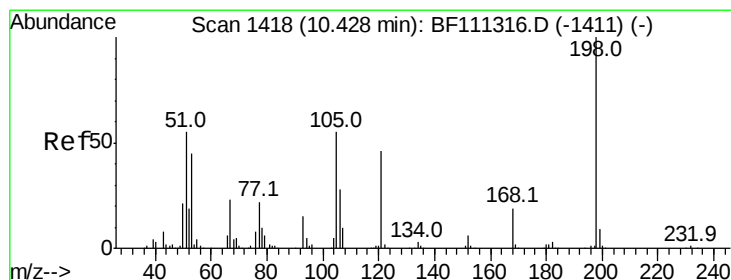
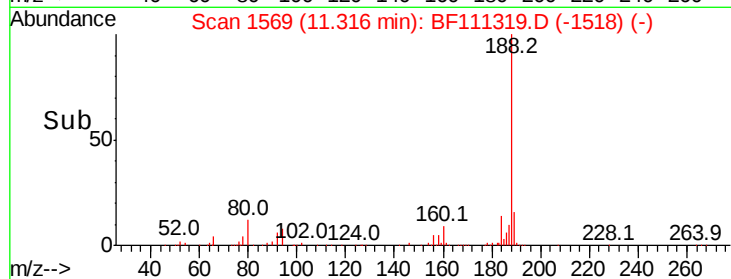
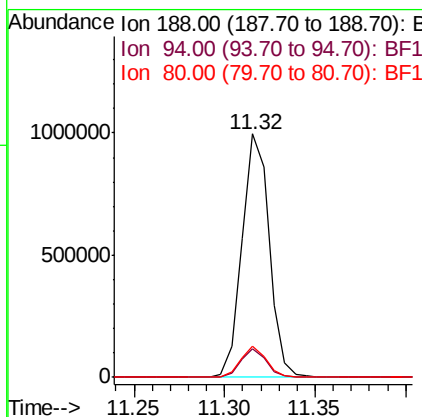
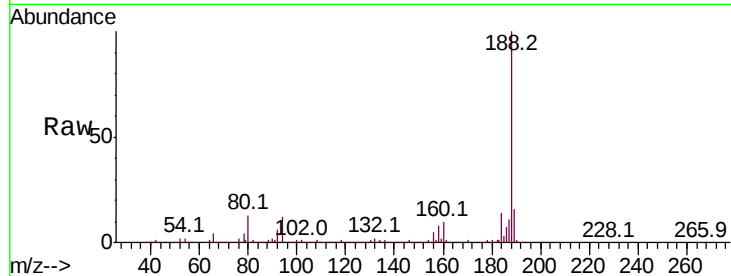
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.6	14.4
80	12.5	9.8	14.6

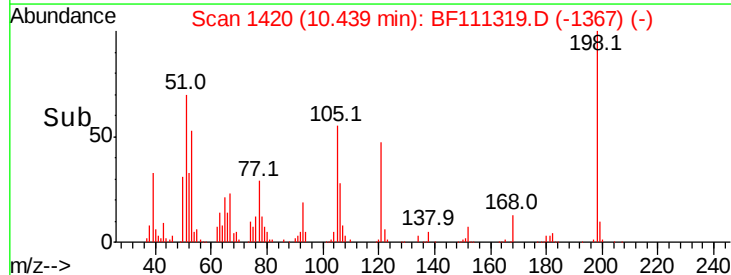
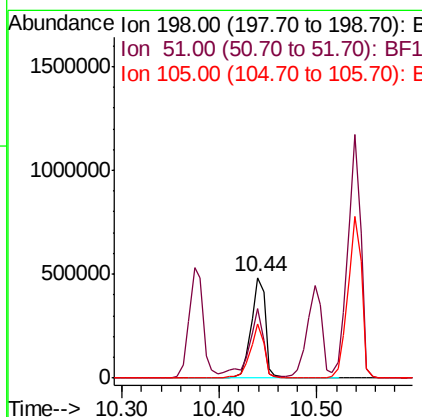
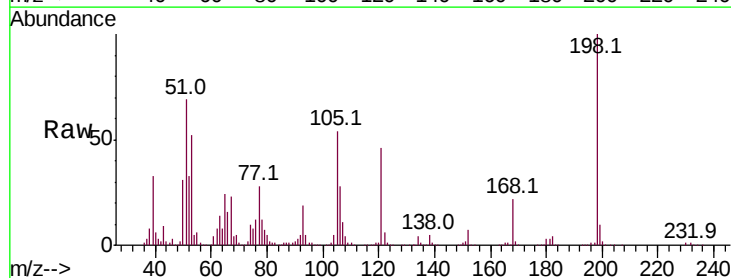
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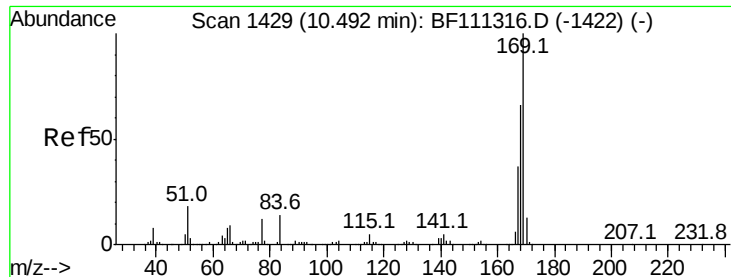
Sohil
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#65
4,6-Dinitro-2-methylphenol
Concen: 88.913 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
198	100		
51	68.9	48.0	88.0
105	53.8	34.0	74.0





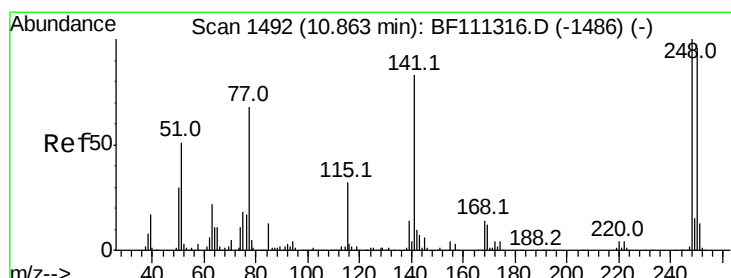
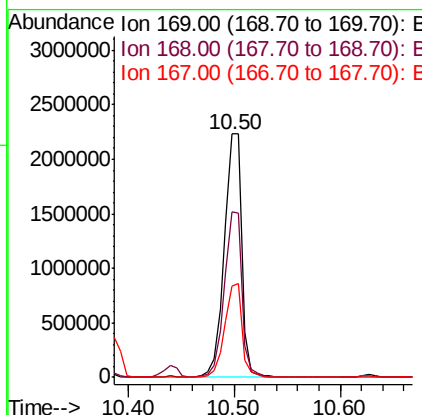
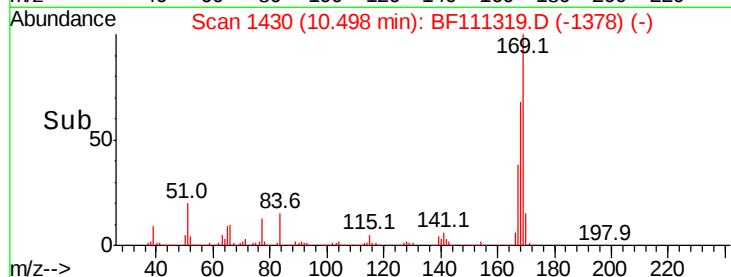
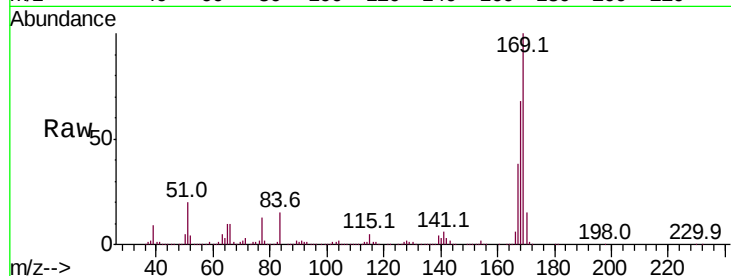
#66
n-Nitrosodiphenylamine
Concen: 72.413 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.4	81.6
167	37.8	30.5	45.7

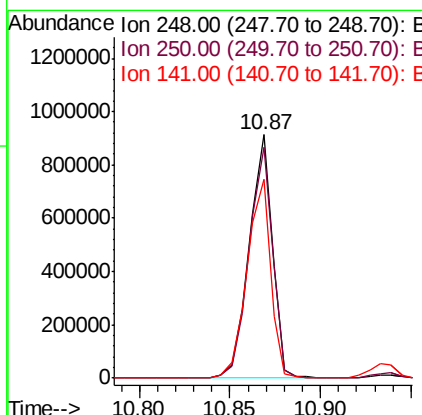
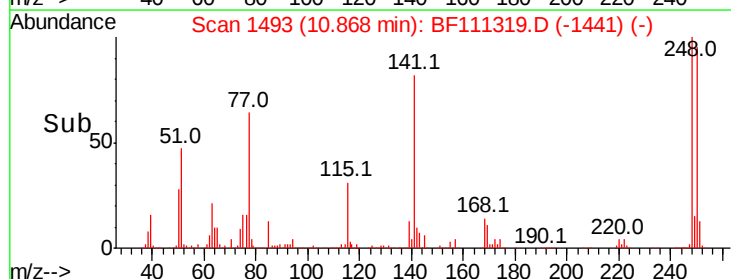
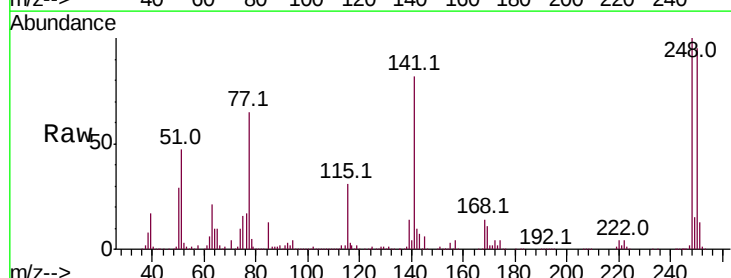
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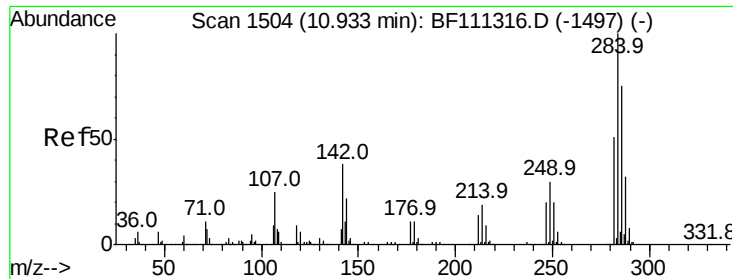
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#67
4-Bromophenyl-phenylether
Concen: 71.585 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.0	115.4
141	81.7	63.0	94.6





#68

Hexachlorobenzene

Concen: 72.386 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

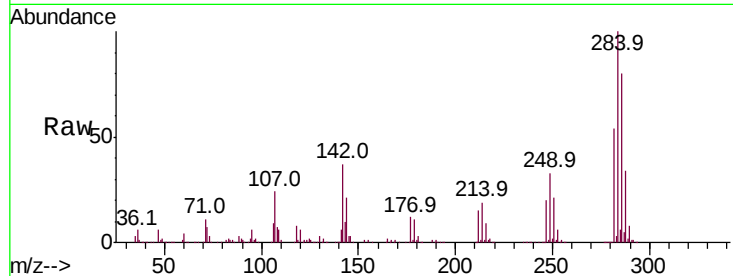
ClientSampleId :

SSTDIC080

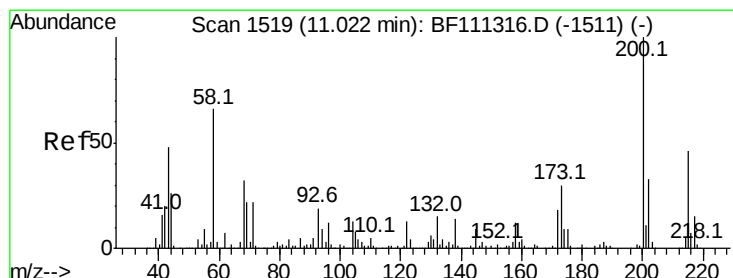
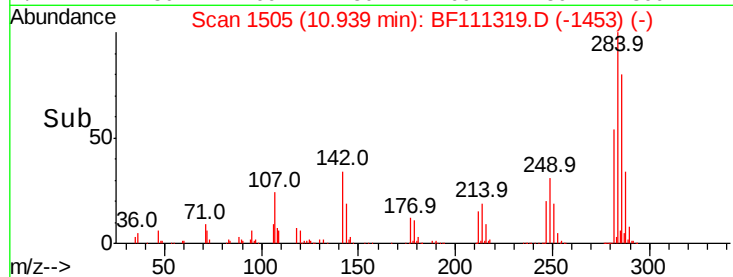
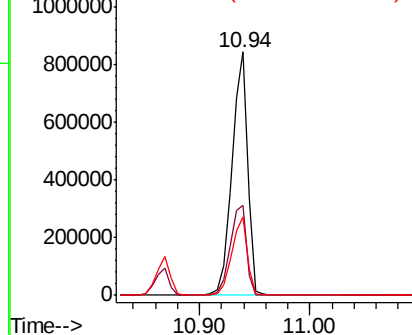
Tot Ion:	284	Resp:	840387
Ion Ratio		Lower	Upper
284	100		
142	36.9	27.4	41.2
249	32.5	24.4	36.6

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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



#69

Atrazine

Concen: 63.100 ng

RT: 11.03 min Scan# 1520

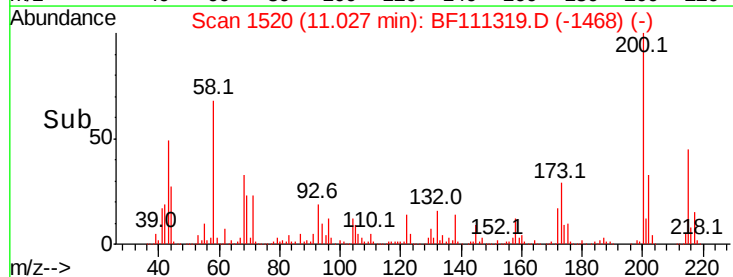
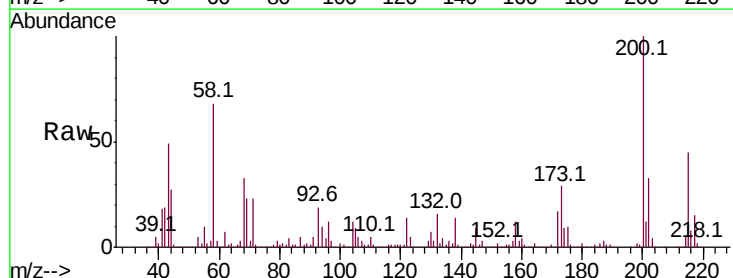
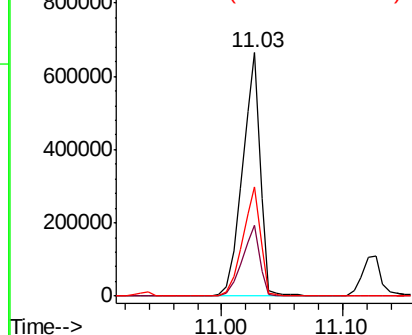
Delta R.T. 0.01 min

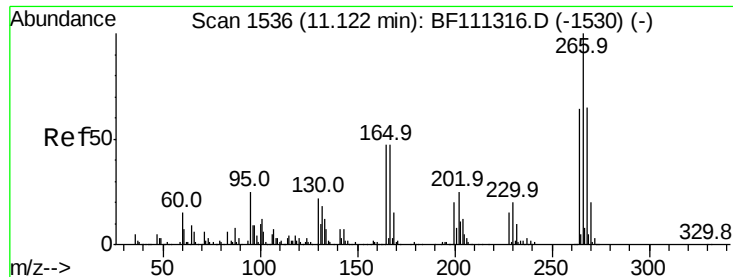
Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Tgt Ion:	200	Resp:	680598
Ion Ratio		Lower	Upper
200	100		
173	29.2	10.1	50.1
215	44.8	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





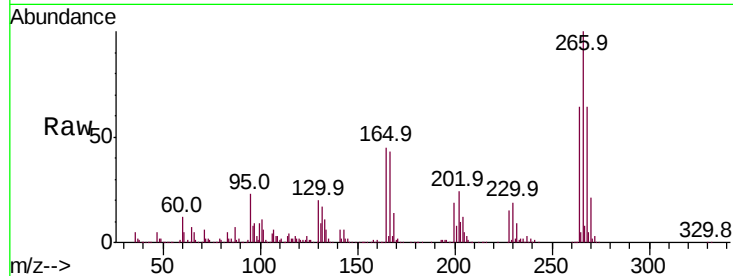
#70
 Pentachlorophenol
 Concen: 71.718 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

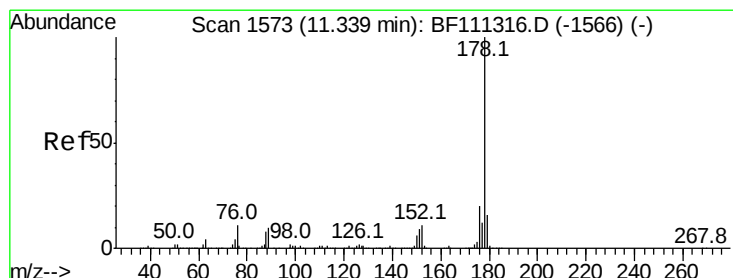
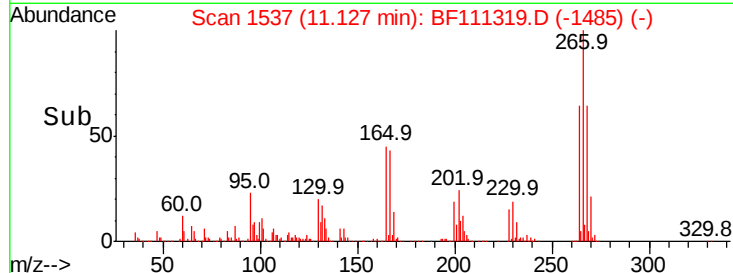
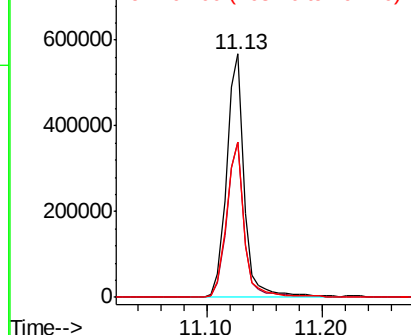
Tot Ion	Ratio	Resp	Lower	Upper
266	100	604017		
268	63.5	47.9	71.9	
264	63.7	49.1	73.7	

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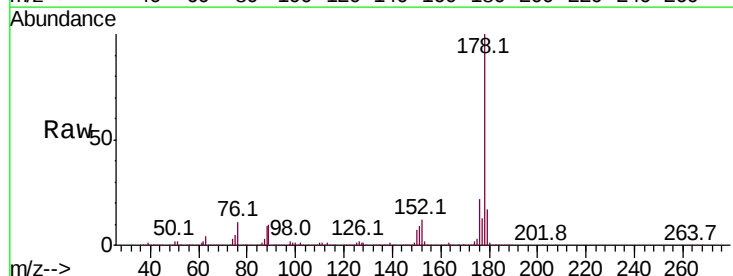


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

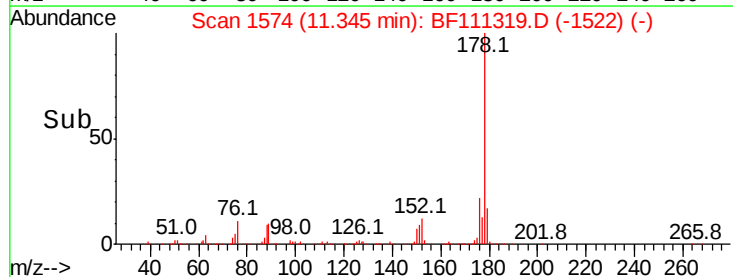
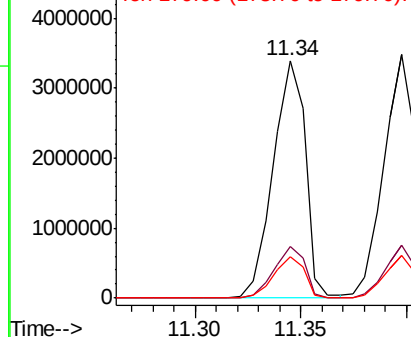


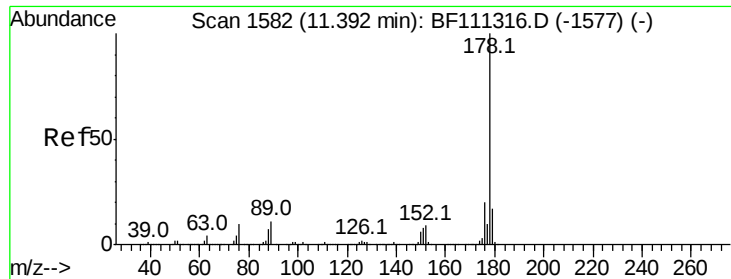
#71
 Phenanthrene
 Concen: 68.690 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3610104		
176	21.7	18.1	27.1	
179	17.2	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





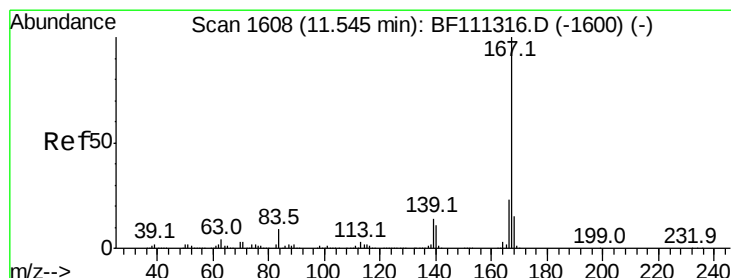
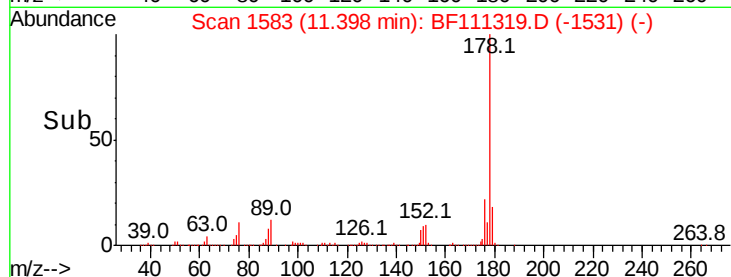
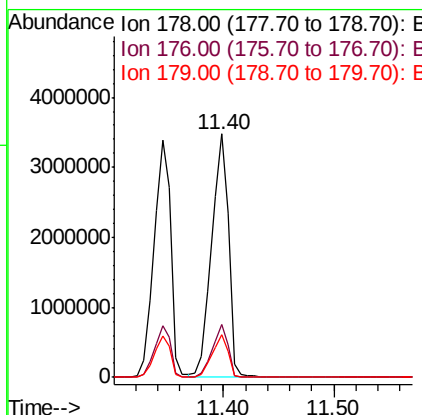
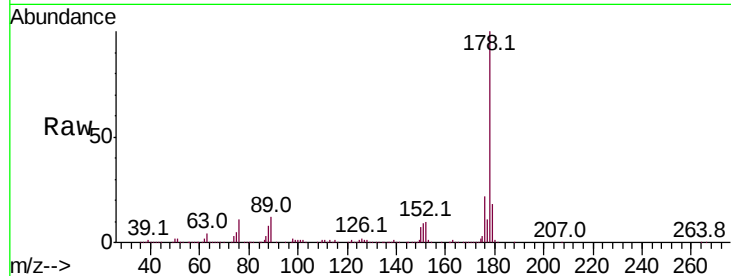
#72
 Anthracene
 Concen: 66.193 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:178 Resp: 3639622
 Ion Ratio Lower Upper
 178 100
 176 21.8 17.2 25.8
 179 17.5 13.8 20.8

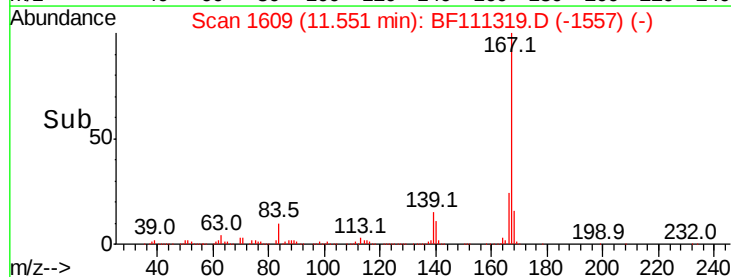
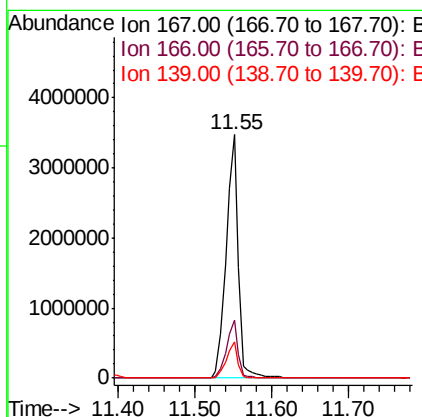
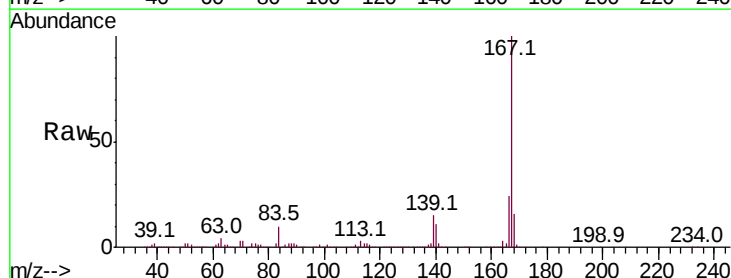
Manual Integrations
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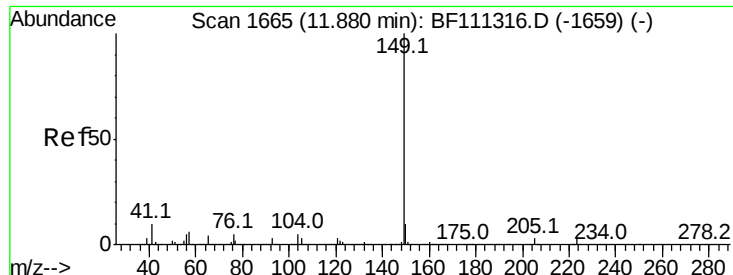
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#73
 Carbazole
 Concen: 66.145 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion:167 Resp: 3802994
 Ion Ratio Lower Upper
 167 100
 166 24.0 19.3 28.9
 139 15.0 11.9 17.9





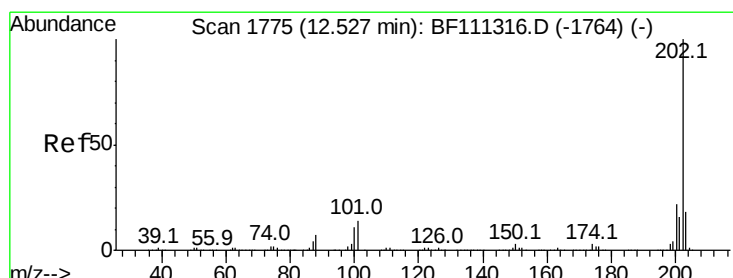
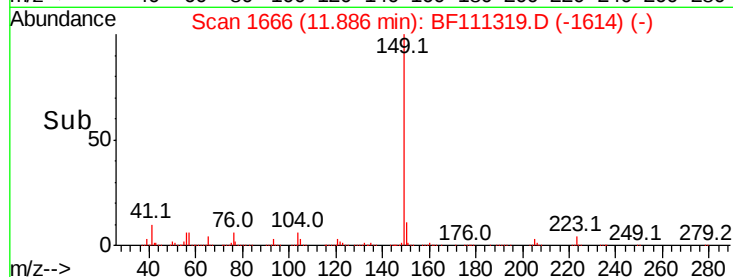
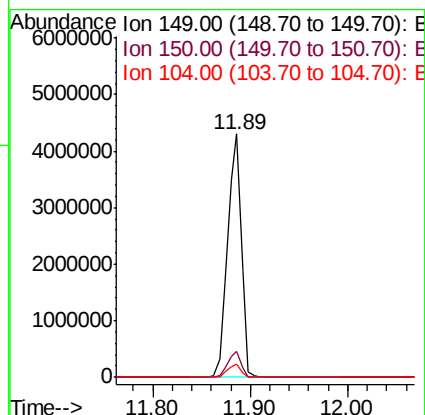
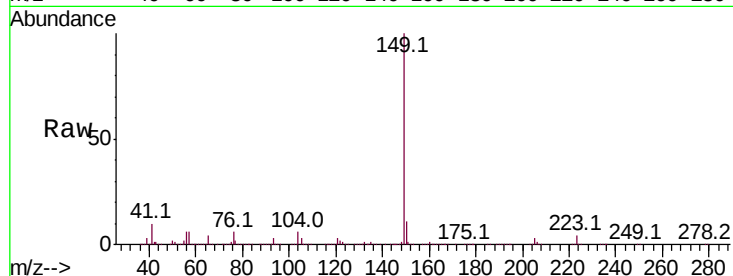
#74
Di-n-butylphthalate
Concen: 71.224 ng
RT: 11.89 min Scan# 1666
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.8	13.2
104	5.5	4.5	6.7

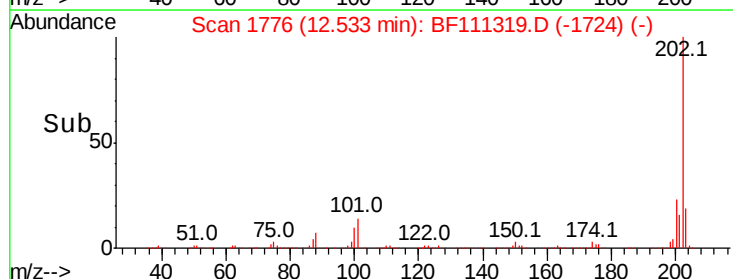
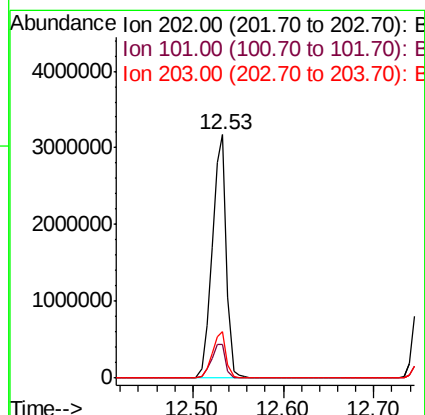
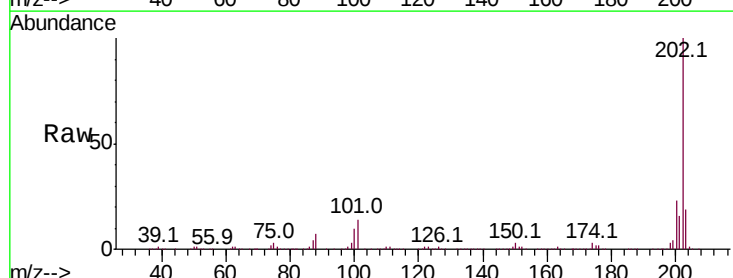
Manual Integrations
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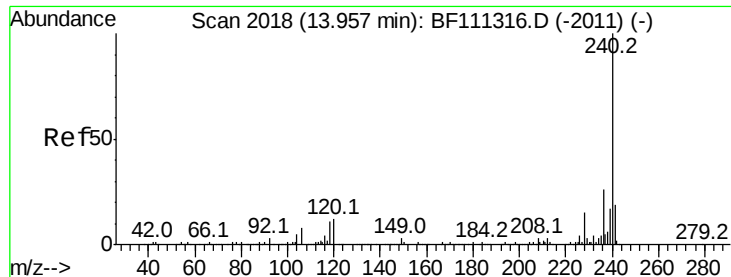
Sohil
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#75
Fluoranthene
Concen: 71.684 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.8
203	18.9	0.0	38.6





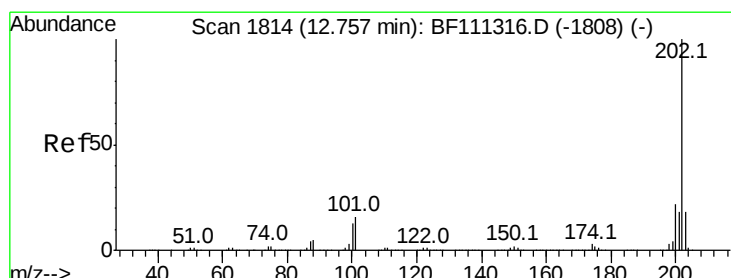
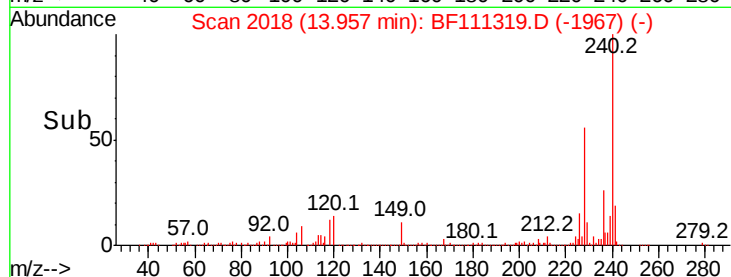
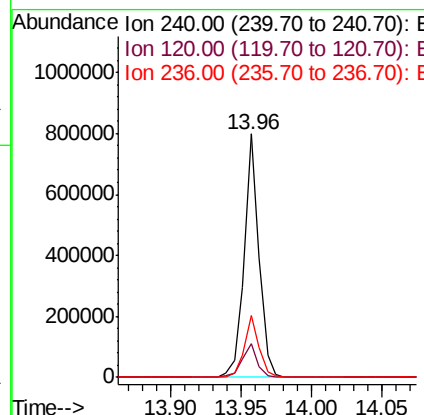
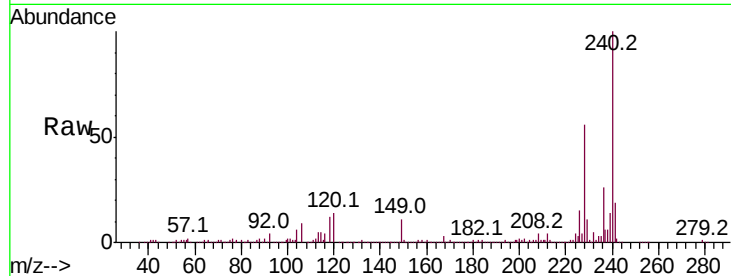
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	12.2	18.2
236	25.5	20.2	30.2

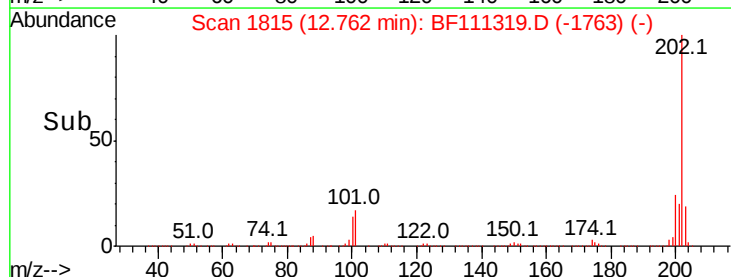
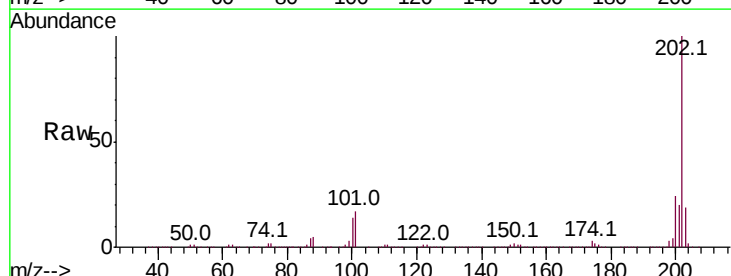
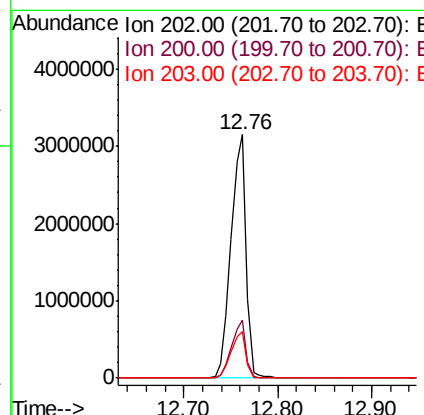
Manual Integrations
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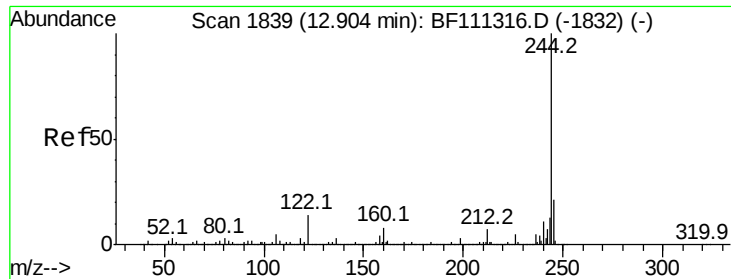
Sohil
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#78
Pyrene
Concen: 84.658 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.0	19.0	28.4
203	19.2	15.2	22.8





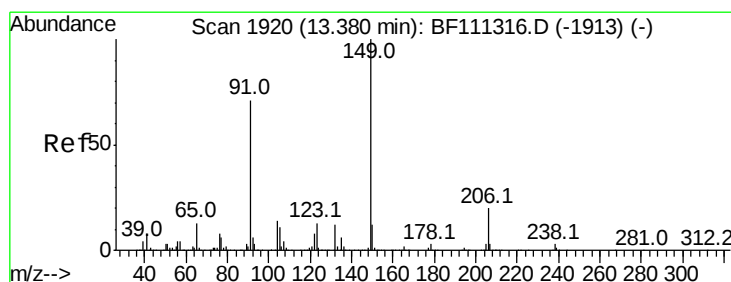
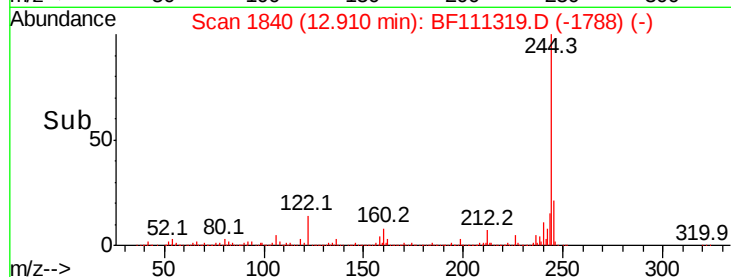
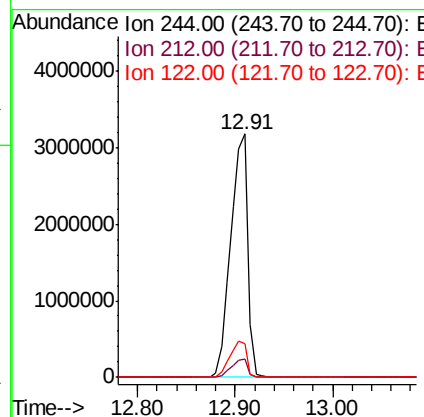
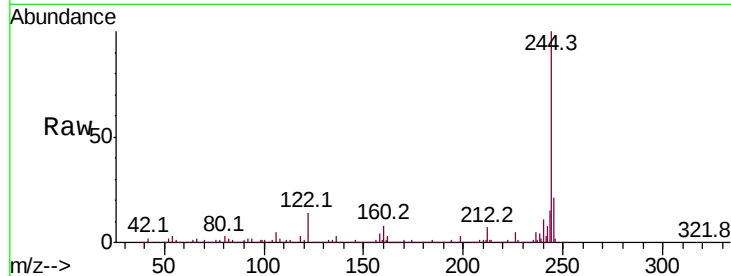
#79
 Terphenyl-d14
 Concen: 158.793 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:244 Resp: 3847065
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 13.9 13.1 19.7

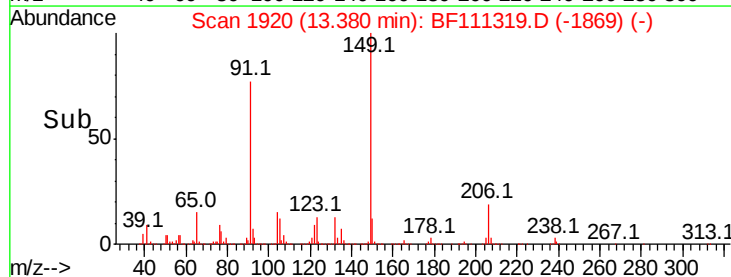
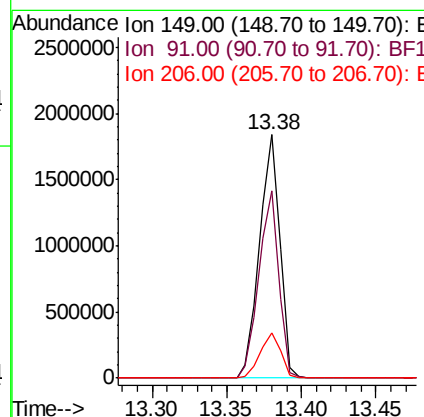
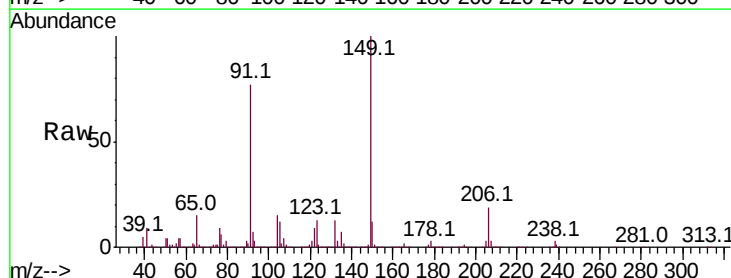
Manual Integrations
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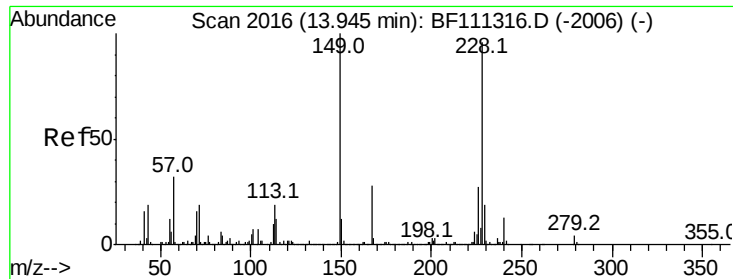
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#80
 Butylbenzylphthalate
 Concen: 79.395 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion:149 Resp: 1722105
 Ion Ratio Lower Upper
 149 100
 91 76.9 63.8 95.6
 206 18.7 15.1 22.7





#81

Benzo(a)anthracene

Concen: 71.357 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:228 Resp: 2313403

Ion Ratio Lower Upper

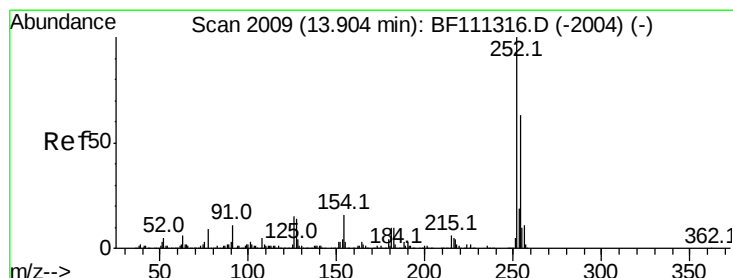
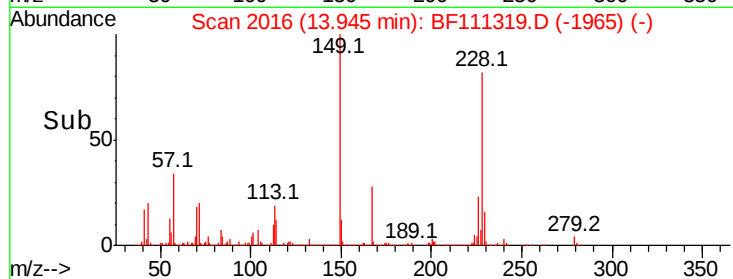
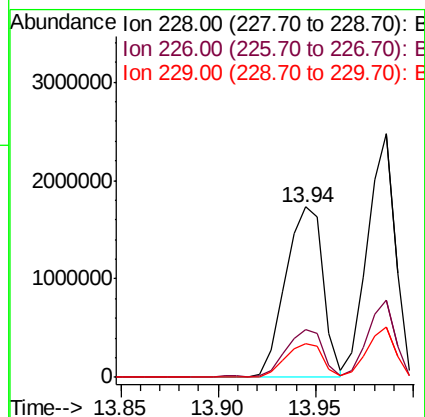
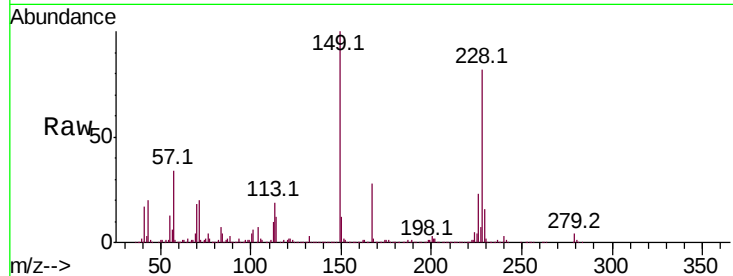
228 100

226 28.2 22.6 34.0

229 20.1 16.3 24.5

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 61.359 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

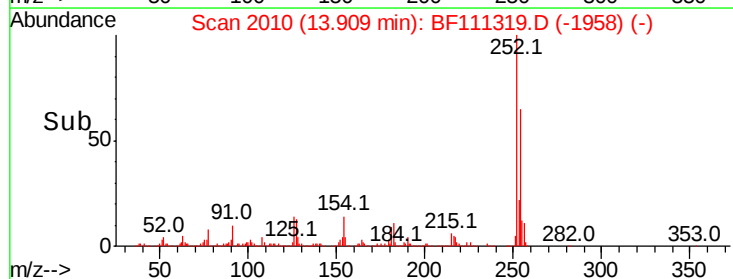
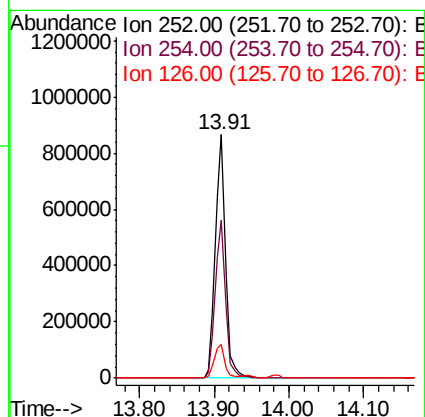
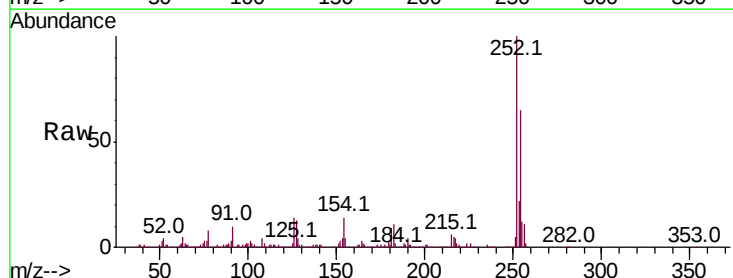
Tgt Ion:252 Resp: 815348

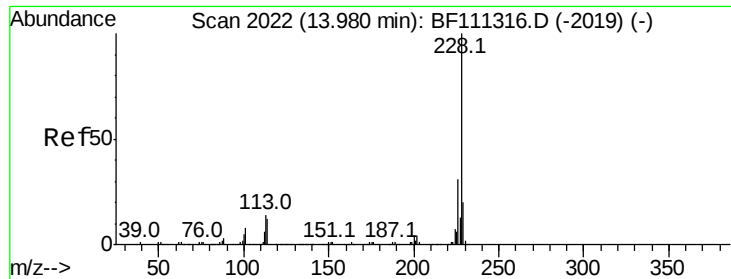
Ion Ratio Lower Upper

252 100

254 64.6 52.7 79.1

126 13.7 11.1 16.7





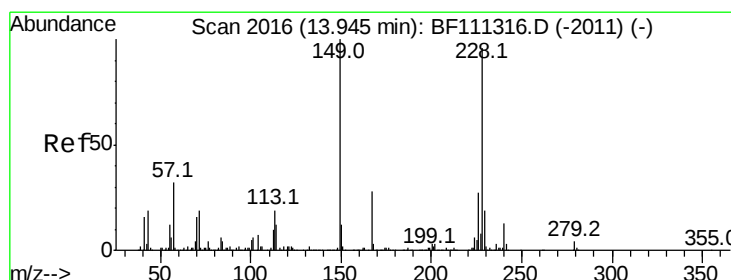
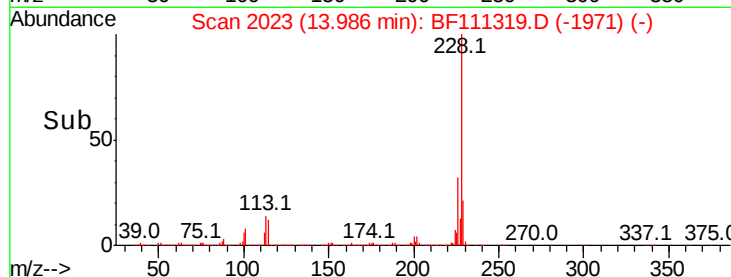
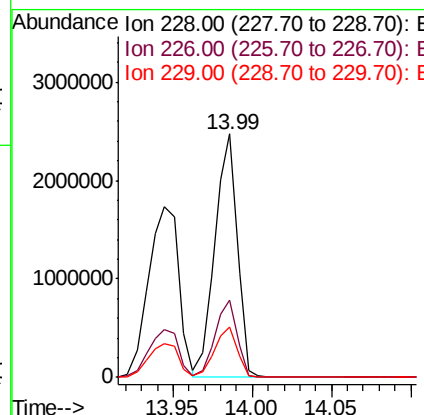
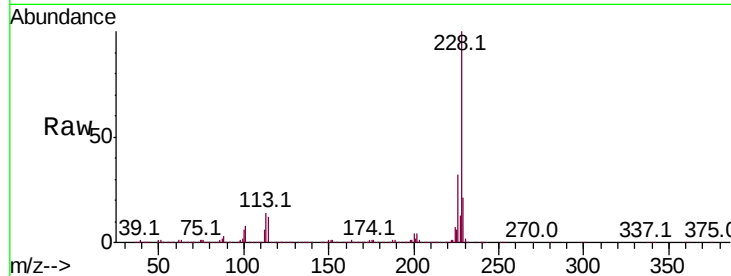
#83
Chrvsene
Concen: 72.951 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:228 Resp: 2438217
Ion Ratio Lower Upper
228 100
226 31.7 25.3 37.9
229 20.7 17.2 25.8

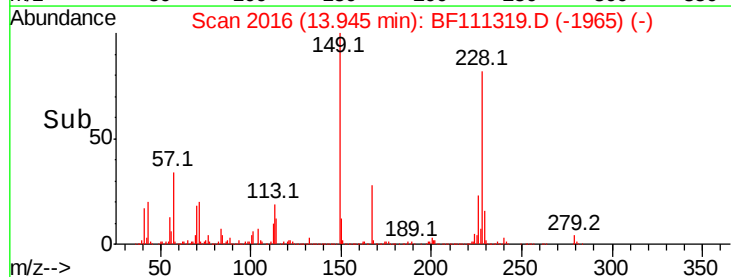
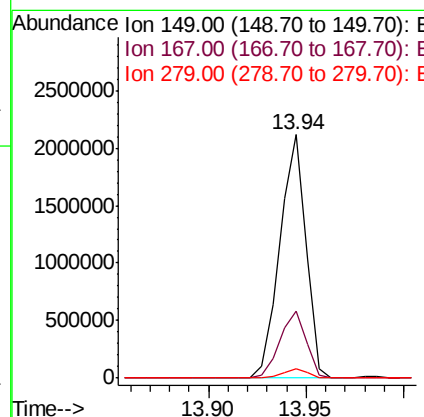
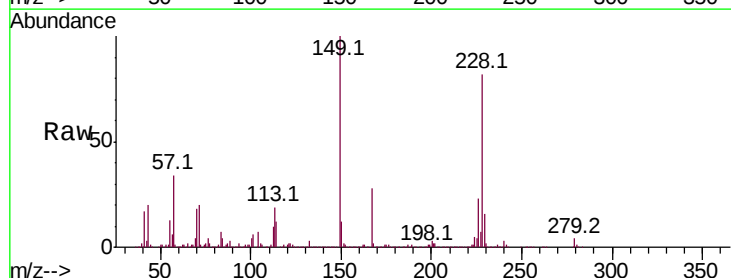
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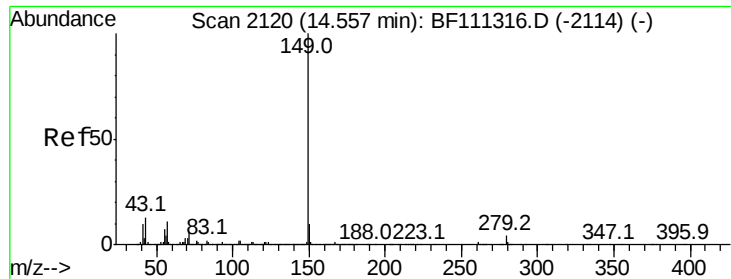
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 76.014 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:149 Resp: 1959173
Ion Ratio Lower Upper
149 100
167 27.6 22.5 33.7
279 3.8 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 73.747 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 3185880

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

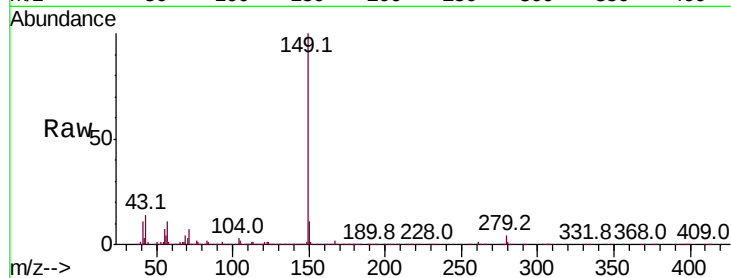
43 14.3 10.9 16.3

Manual Integrations

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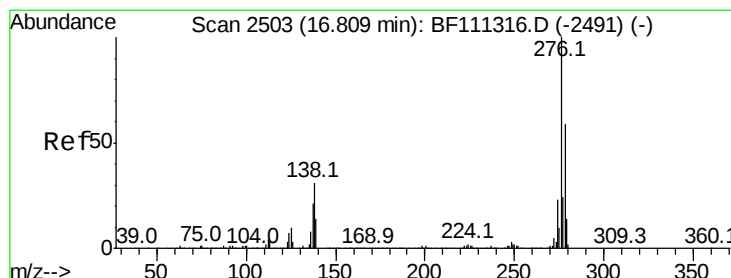
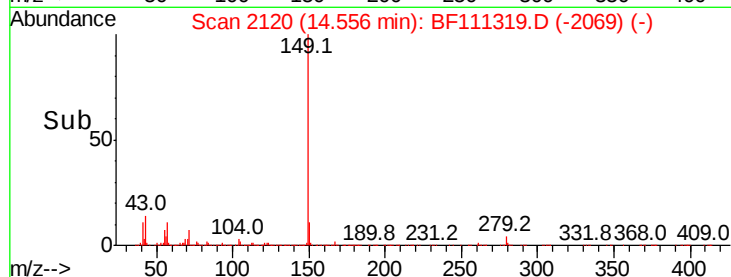
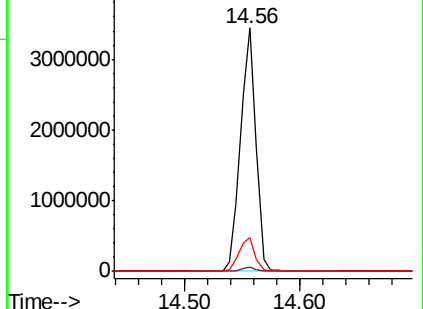
12/13/2018 6:05:57 PM



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 87.057 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

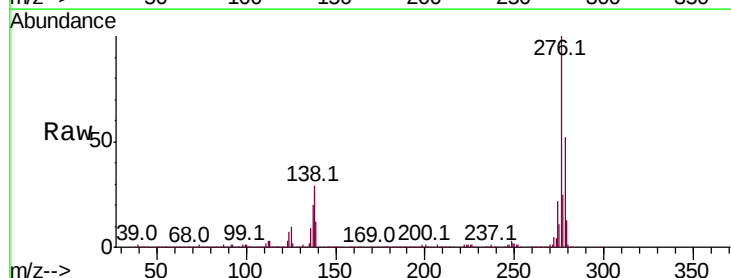
Tgt Ion:276 Resp: 2348763

Ion Ratio Lower Upper

276 100

138 31.4 27.8 41.6

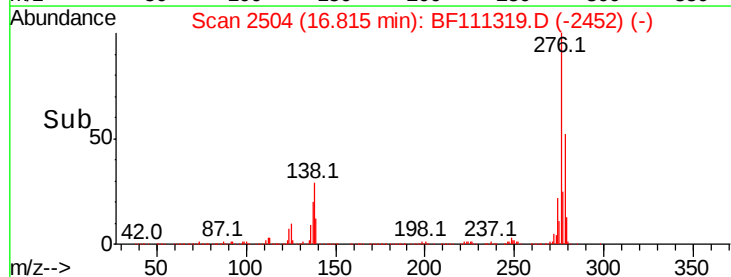
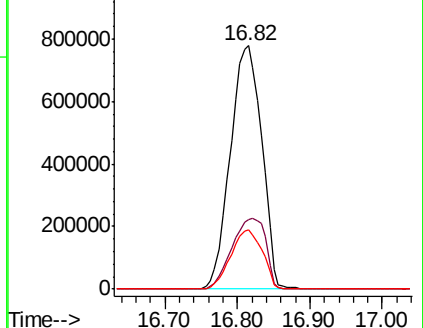
277 24.5 20.1 30.1

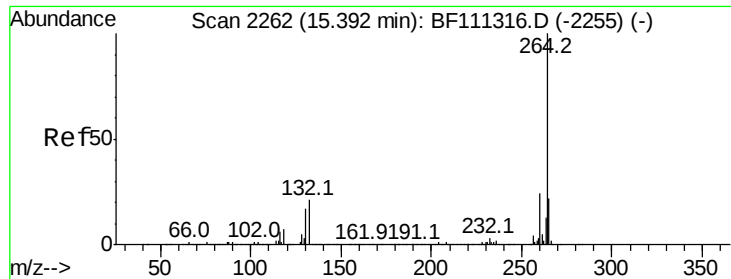


Abundance Ion 276.00 (275.70 to 276.70): E

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# 2261

Delta R.T. -0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

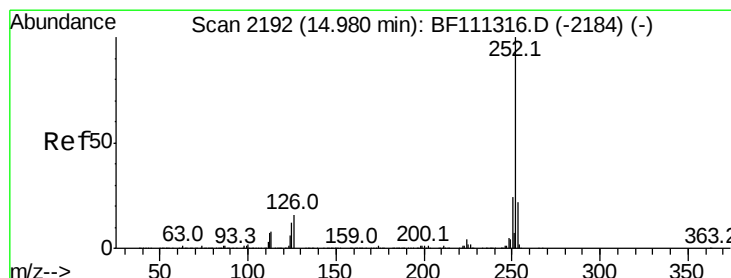
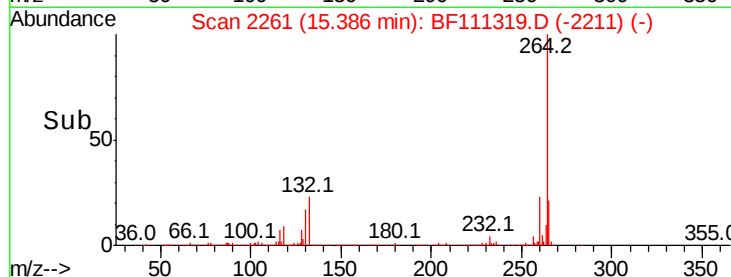
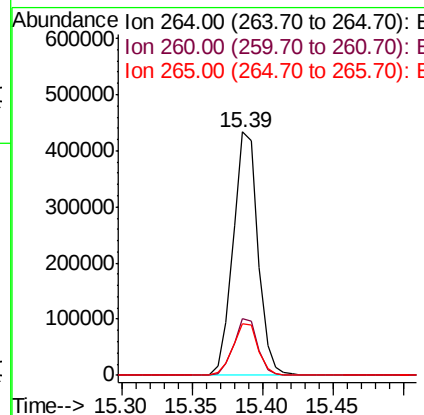
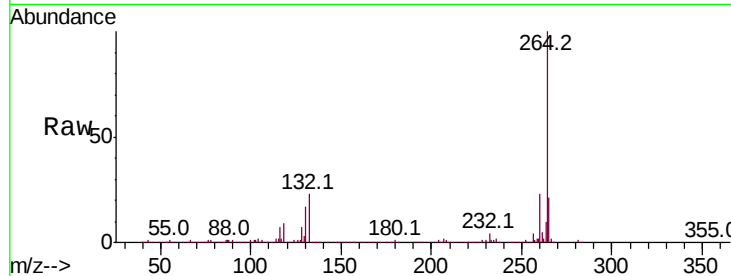
ClientSampleId :

SSTDICC080

Tot Ion:	264	Resp:	532215
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.3	27.5
265	21.1	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 73.639 ng

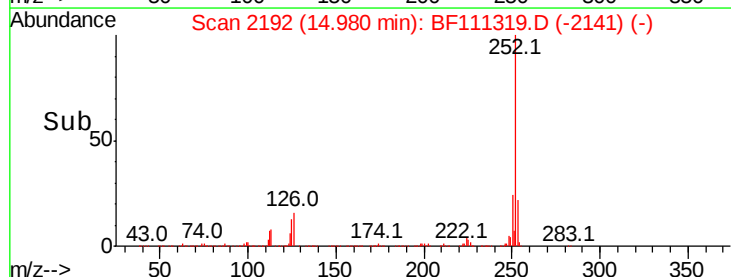
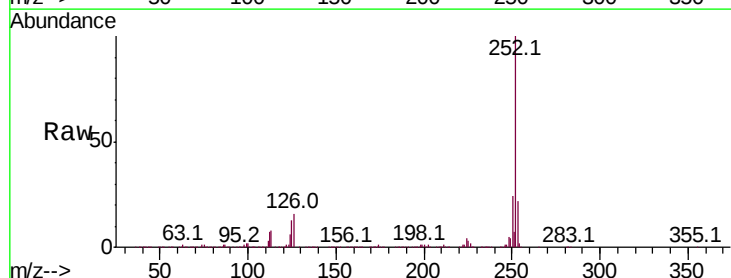
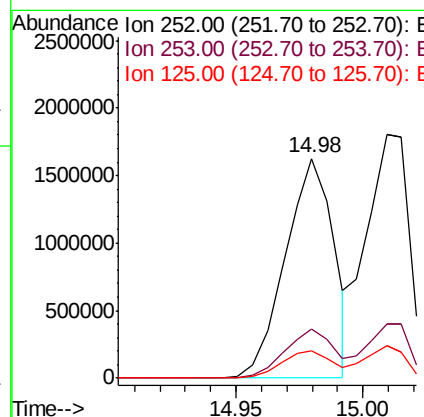
RT: 14.98 min Scan# 2192

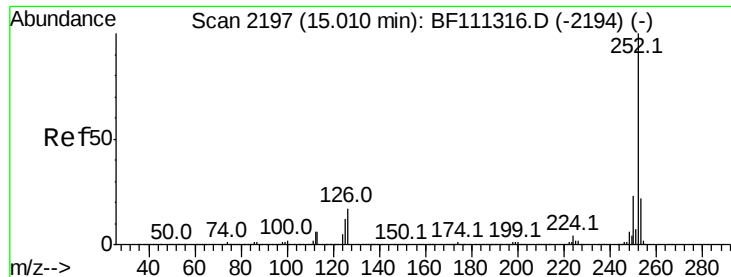
Delta R.T. -0.00 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Tgt Ion:	252	Resp:	2167400
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	12.7	10.4	15.6





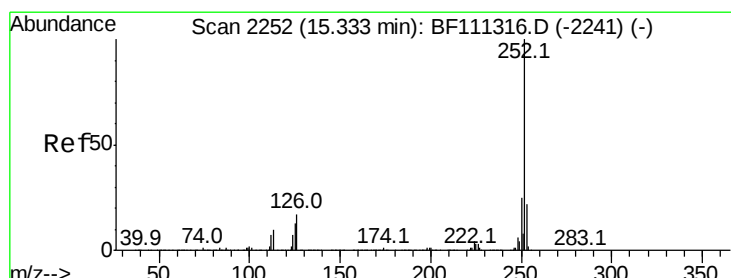
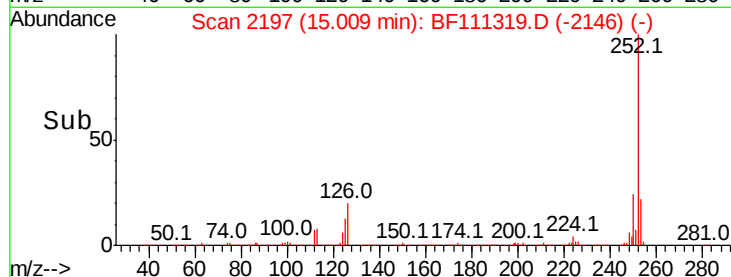
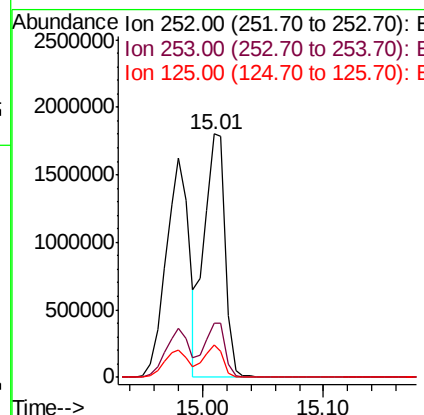
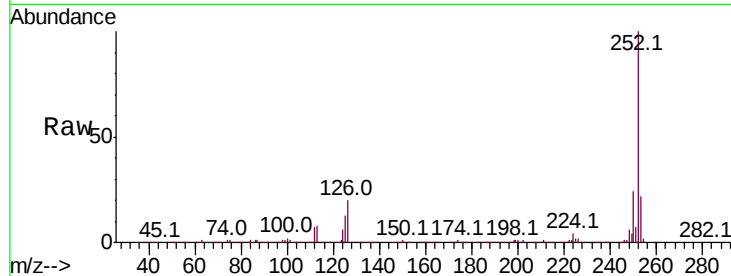
#89
Benzo(k)fluoranthene
Concen: 77.958 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	13.5	9.8	14.8

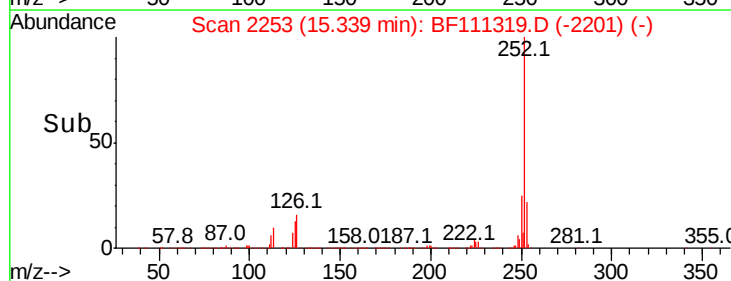
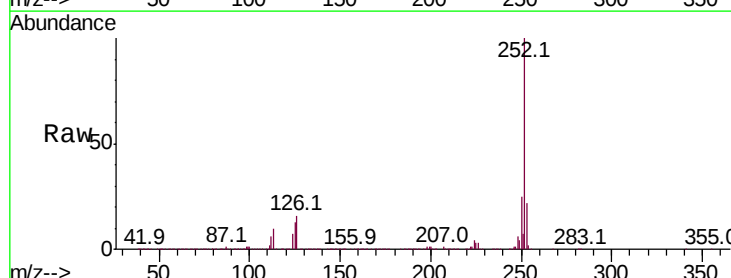
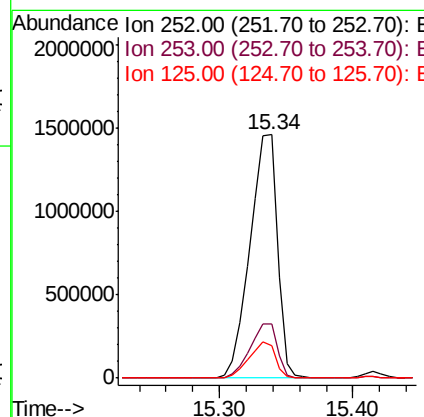
Manual Integrations
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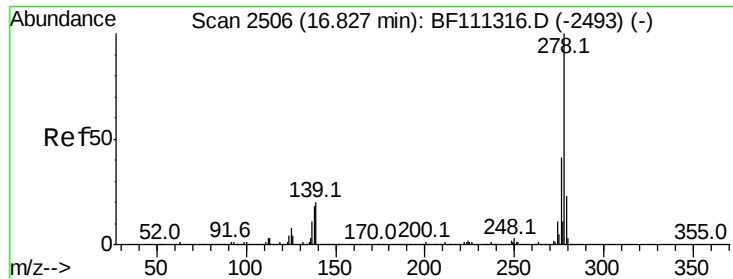
Sohil
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#90
Benzo(a)pyrene
Concen: 76.458 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	13.3	12.3	18.5





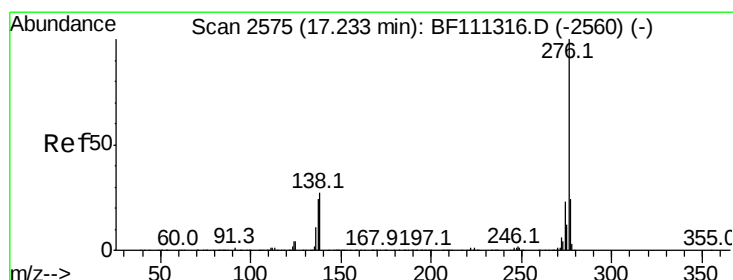
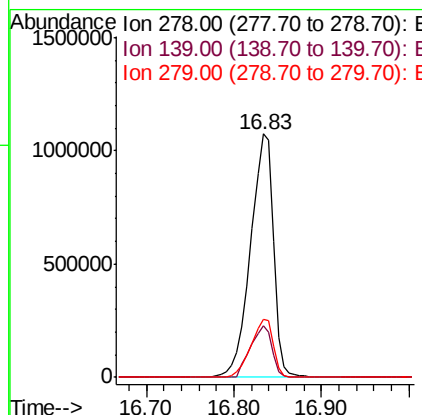
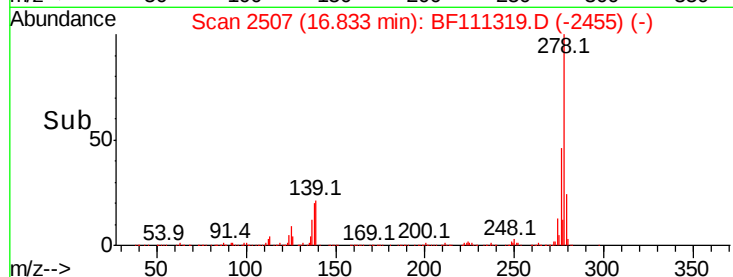
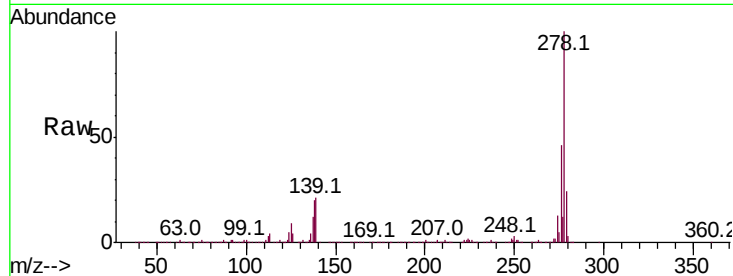
#91
Dibenzo(a,h)anthracene
Concen: 89.479 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.0	18.2	27.4
279	23.9	19.0	28.6

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 94.203 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	26.9	24.9	37.3

