

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111411.D
 Acq On : 14 Dec 2018 11:34
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 12/17/2018 2:36:11 PM

Quant Time: Dec 14 12:11:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 11:42:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	278421	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1183473	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	559281	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	971447	20.00	ng	0.00
76) Chrysene-d12	13.96	240	610328	20.00	ng	0.00
87) Perylene-d12	15.39	264	479444	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1407036	85.46	ng	0.00
7) Phenol-d6	6.45	99	2162080	97.40	ng	0.00
23) Nitrobenzene-d5	7.36	82	2034134	96.88	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	484395	98.25	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3271057	93.90	ng	0.00
79) Terphenyl-d14	12.90	244	2507533	90.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	334660	40.692	ng	98
3) Pyridine	3.23	79	882498	43.681	ng	94
4) n-Nitrosodimethylamine	3.19	42	410047	43.507	ng	93
6) Aniline	6.46	93	1357435	50.546	ng	# 76
8) 2-Chlorophenol	6.59	128	996404	49.237	ng	99
9) Benzaldehyde	6.34	77	607132	43.947	ng	98
10) Phenol	6.46	94	1187653	47.229	ng	# 73
11) bis(2-Chloroethyl)ether	6.53	93	989028	49.994	ng	99
12) 1,3-Dichlorobenzene	6.74	146	1068739	48.783	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1083759	48.868	ng	98
14) 1,2-Dichlorobenzene	6.97	146	978558	47.695	ng	99
15) Benzyl Alcohol	6.95	79	826178	48.603	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1776459	46.351	ng	94
17) 2-Methylphenol	7.06	107	797269	48.755	ng	95
18) Hexachloroethane	7.31	117	402707	48.911	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	700579	47.493	ng	98
20) 3+4-Methylphenols	7.22	107	942580	48.335	ng	# 76
22) Acetophenone	7.21	105	1320242	48.026	ng	# 93
24) Nitrobenzene	7.38	77	1036176	47.909	ng	97
25) Isophorone	7.62	82	1734959	48.644	ng	99
26) 2-Nitrophenol	7.69	139	552702	51.990	ng	99
27) 2,4-Dimethylphenol	7.74	122	798234	49.464	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	1188219	48.537	ng	99
29) 2,4-Dichlorophenol	7.94	162	824602	48.984	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	835294	48.291	ng	99
31) Naphthalene	8.10	128	2617500	47.471	ng	98
32) Benzoic acid	7.89	122	692025m	51.585	ng	
33) 4-Chloroaniline	8.15	127	1204796	51.163	ng	96
34) Hexachlorobutadiene	8.22	225	449489	46.843	ng	99
35) Caprolactam	8.54	113	311753m	52.851	ng	
36) 4-Chloro-3-methylphenol	8.64	107	883513	49.252	ng	99
37) 2-Methylnaphthalene	8.79	142	1726498	48.438	ng	99
38) 1-Methylnaphthalene	8.89	142	1657438	48.179	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	732664	46.605	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	415252	50.585	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	536305	47.662	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	582785	49.007	nq	98
46) 1,1'-Biphenyl	9.26	154	2236497	46.868	nq	97
47) 2-Chloronaphthalene	9.28	162	1751406	47.925	nq	97
48) 2-Nitroaniline	9.37	65	596822	50.256	nq	96
49) Acenaphthylene	9.70	152	2534751	47.475	nq	97
50) Dimethylphthalate	9.56	163	1955509	48.622	nq	99
51) 2,6-Dinitrotoluene	9.62	165	464381	52.090	nq	98
52) Acenaphthene	9.87	154	1639096	48.672	nq	99
53) 3-Nitroaniline	9.79	138	565233	52.749	nq	92
54) 2,4-Dinitrophenol	9.89	184	191126	54.645	nq	# 83
55) Dibenzofuran	10.04	168	2333932	48.008	nq	98
56) 4-Nitrophenol	9.96	139	410893	53.247	nq	96
57) 2,4-Dinitrotoluene	10.02	165	599357	52.457	nq	98
58) Fluorene	10.38	166	1637952	47.097	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	441006	48.005	nq	98
60) Diethylphthalate	10.26	149	1915410	47.306	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	807513	46.837	nq	100
62) 4-Nitroaniline	10.40	138	553234	53.714	nq	98
63) Azobenzene	10.53	77	1940542	47.534	nq	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	285191	51.136	nq	89
66) n-Nitrosodiphenylamine	10.49	169	1627120	47.086	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	515285	47.647	nq	98
68) Hexachlorobenzene	10.93	284	530612	47.648	nq	95
69) Atrazine	11.02	200	467958	46.821	nq	99
70) Pentachlorophenol	11.13	266	345781	46.660	nq	96
71) Phenanthrene	11.34	178	2372867	47.257	nq	95
72) Anthracene	11.39	178	2435259	47.631	nq	97
73) Carbazole	11.55	167	2550493	48.245	nq	96
74) Di-n-butylphthalate	11.88	149	2832582	47.058	nq	98
75) Fluoranthene	12.53	202	2085552	42.546	nq	99
77) Benzidine	12.64	184	981019	85.174	nq	99
78) Pyrene	12.76	202	2166499	45.995	nq	98
80) Butylbenzylphthalate	13.38	149	1045804	46.242	nq	87
81) Benzo(a)anthracene	13.94	228	1589991	46.561	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	641360	49.660	nq	99
83) Chrysene	13.99	228	1705995	48.966	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	1307990	47.309	nq	99
85) Di-n-octyl phthalate	14.55	149	2218964	48.878	nq	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	1252320	45.958	nq	97
88) Benzo(b)fluoranthene	14.98	252	1399496	51.333	nq	99
89) Benzo(k)fluoranthene	15.01	252	1341022	49.279	nq	99
90) Benzo(a)pyrene	15.33	252	1237970	48.769	nq	97
91) Dibenzo(a,h)anthracene	16.83	278	1048996	49.669	nq	95
92) Benzo(g,h,i)perylene	17.23	276	1118991	52.995	nq	96

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

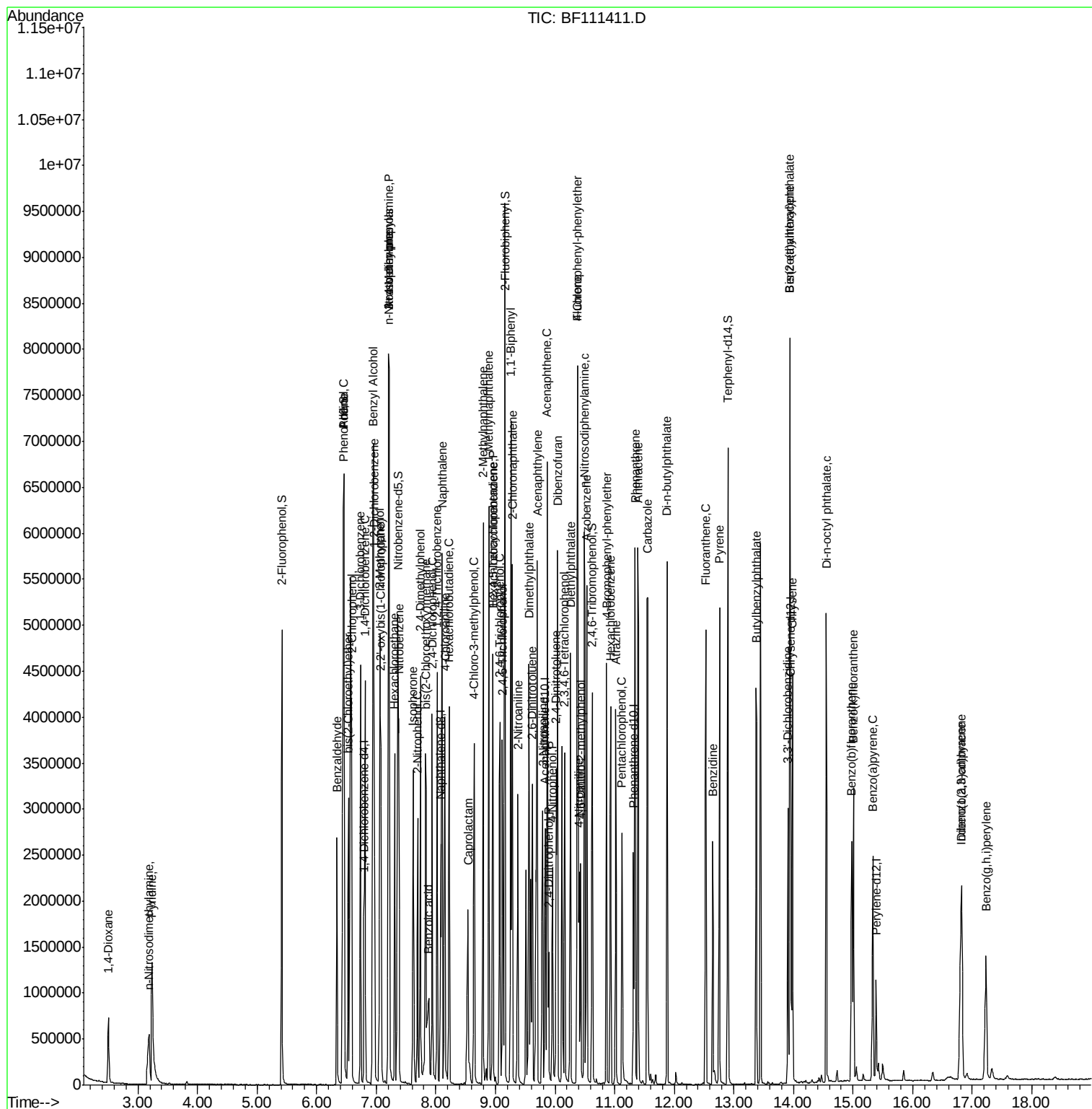
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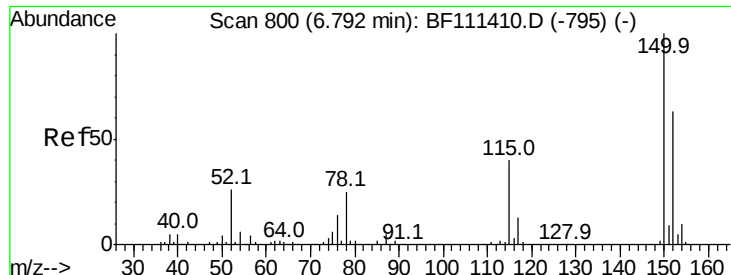
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:152 Resp: 278421

Ion Ratio Lower Upper

152 100

150 160.5 126.6 189.8

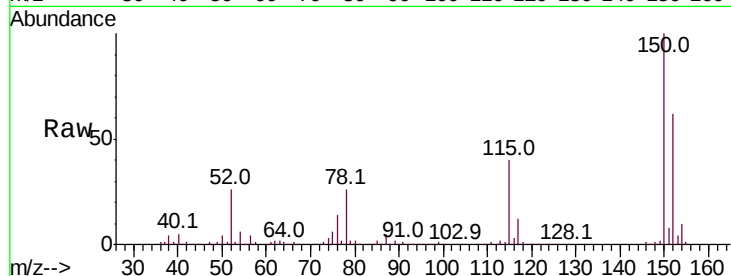
115 64.0 50.7 76.1

Manual Integrations

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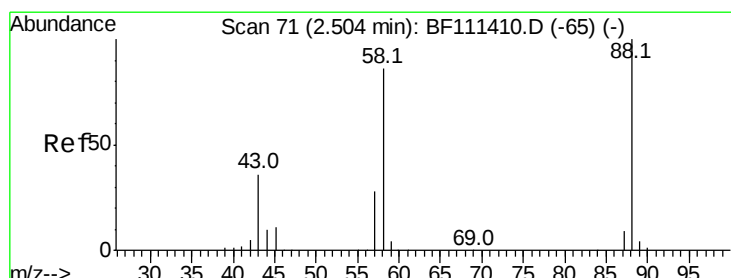
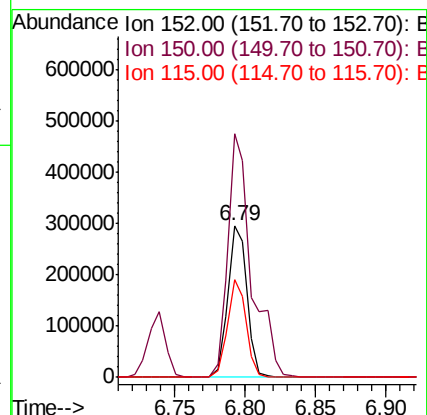
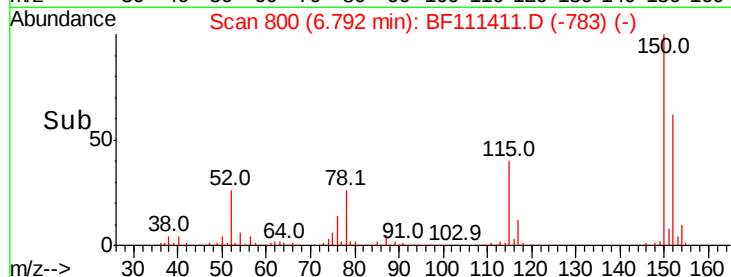
12/17/2018 2:36:11 PM



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: 40.692 ng

RT: 2.50 min Scan# 71

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

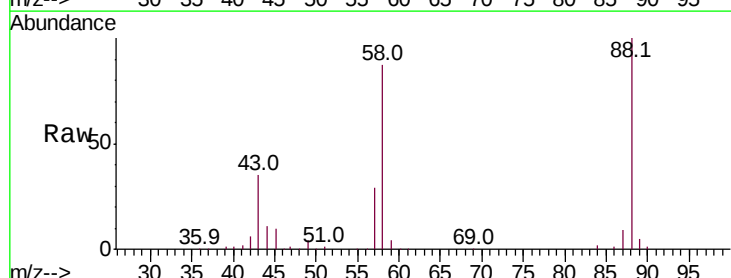
Tgt Ion: 88 Resp: 334660

Ion Ratio Lower Upper

88 100

58 86.5 68.9 103.3

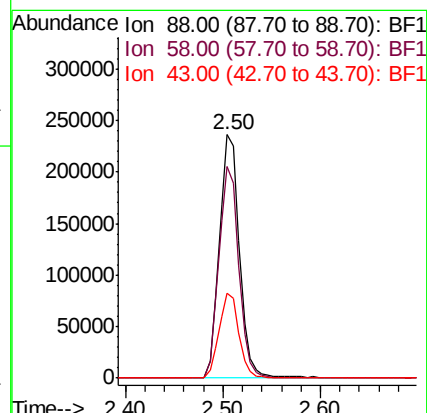
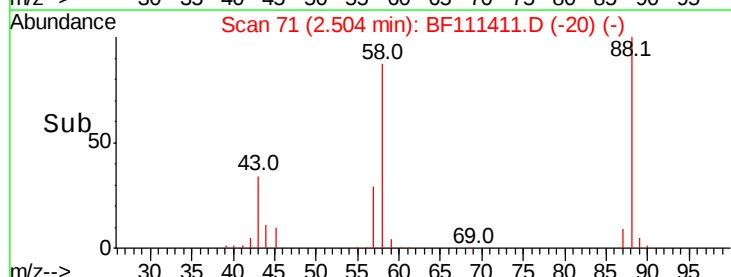
43 34.8 25.8 38.6

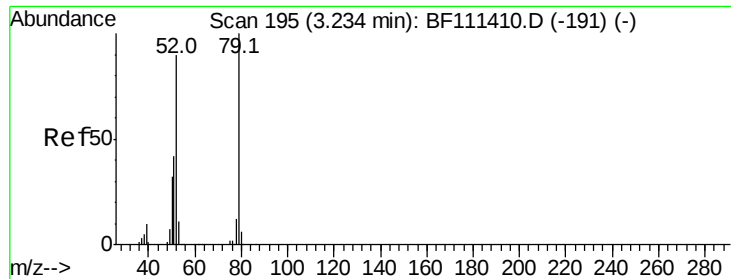


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





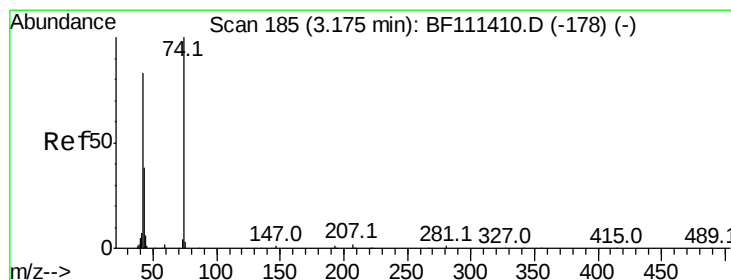
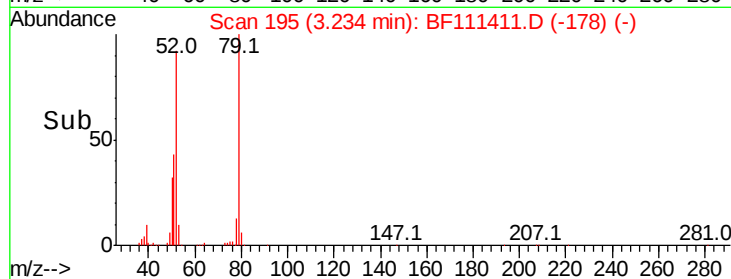
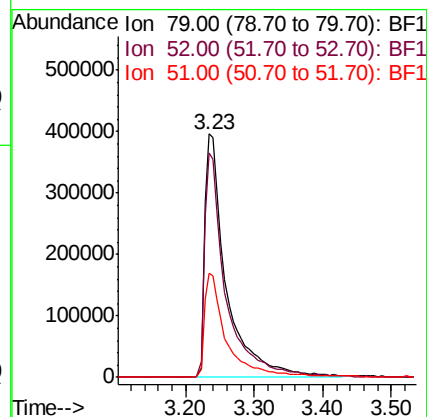
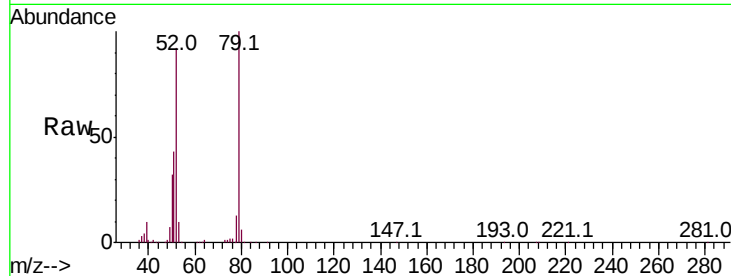
#3
 Pvridine
 Concen: 43.681 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.2	68.3	102.5
51	42.8	32.6	49.0

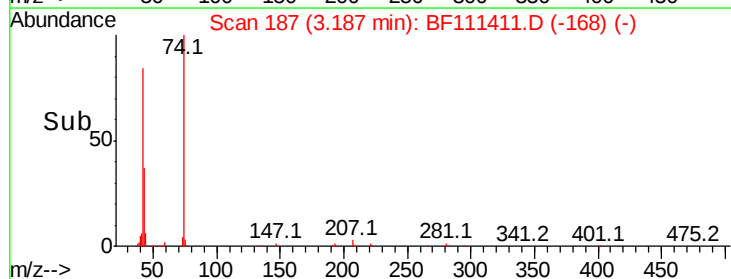
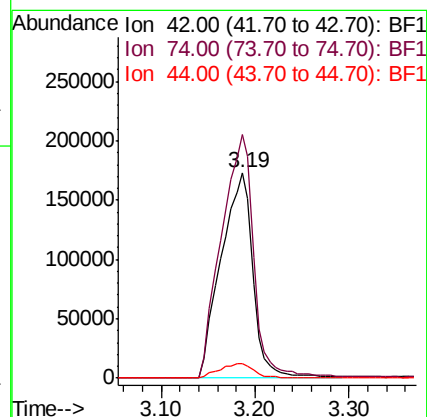
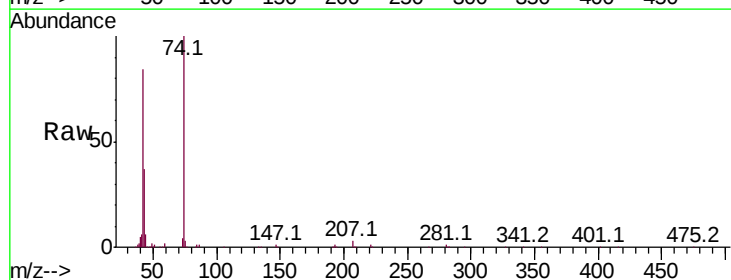
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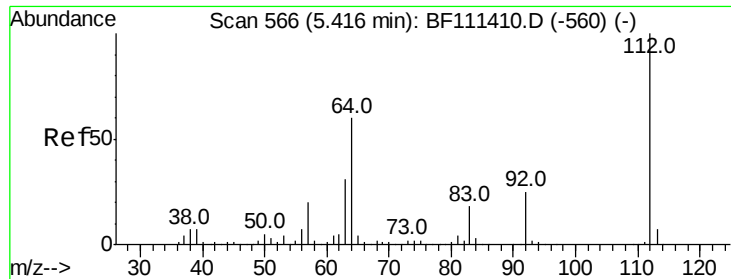
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#4
 n-Nitrosodimethylamine
 Concen: 43.507 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.01 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.6	101.5	152.3
44	7.0	6.0	9.0





#5

2-Fluorophenol

Concen: 85.458 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:112 Resp: 1407036

Ion Ratio Lower Upper

112 100

64 61.8 51.8 77.6

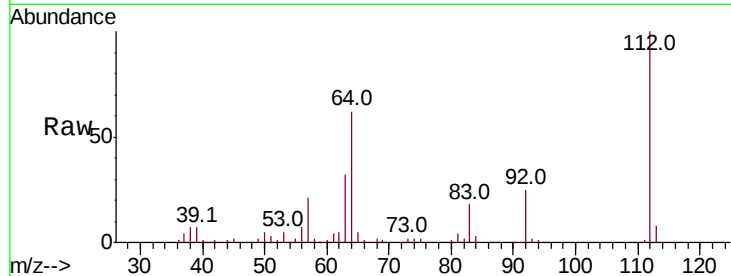
63 32.3 26.8 40.2

Manual Integrations

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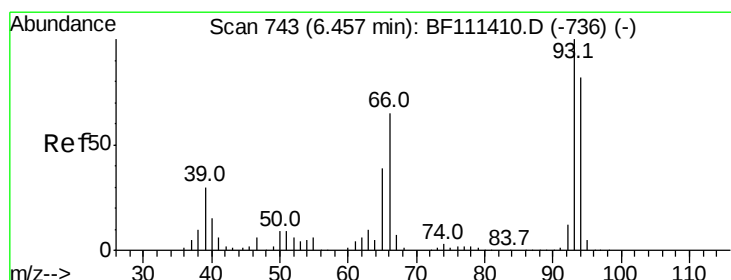
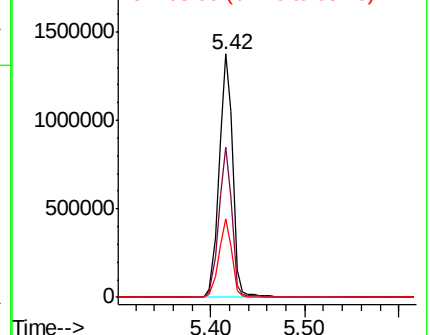
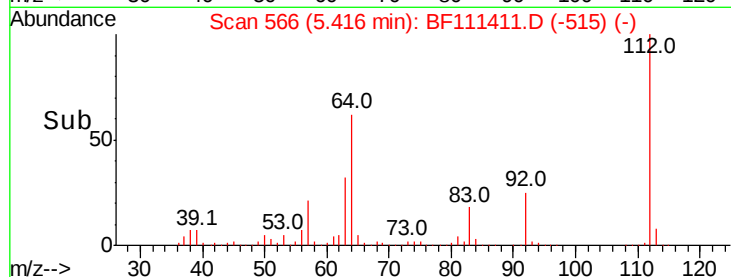
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 50.546 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

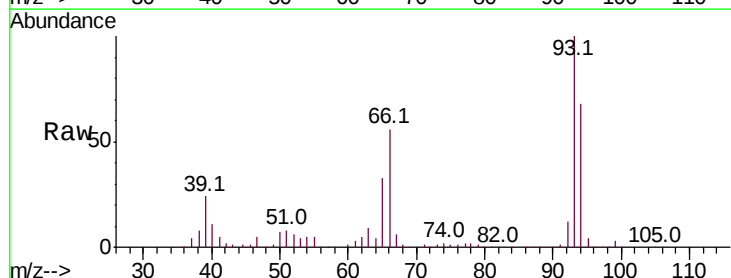
Tgt Ion: 93 Resp: 1357435

Ion Ratio Lower Upper

93 100

66 56.4 33.2 49.8#

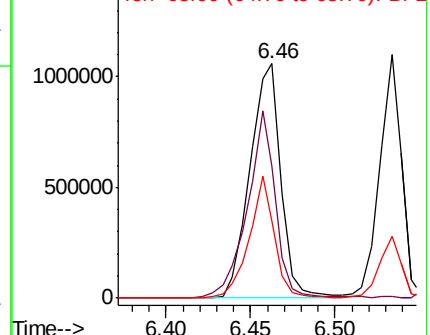
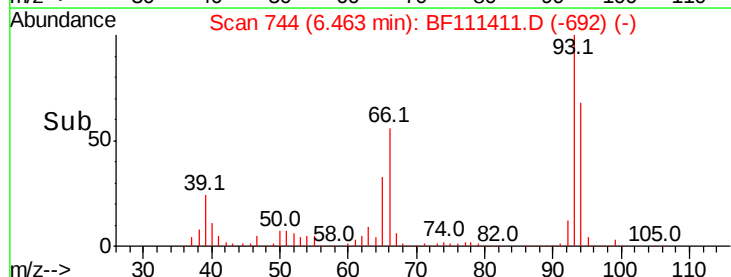
65 33.2 17.0 25.4#

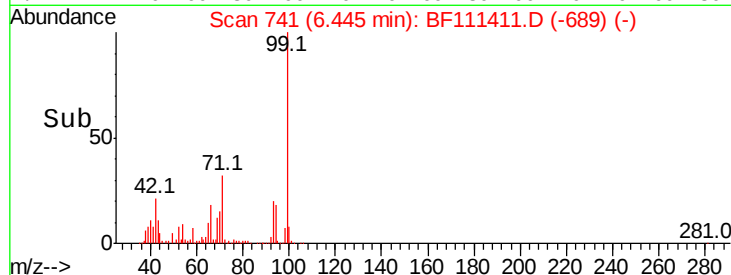
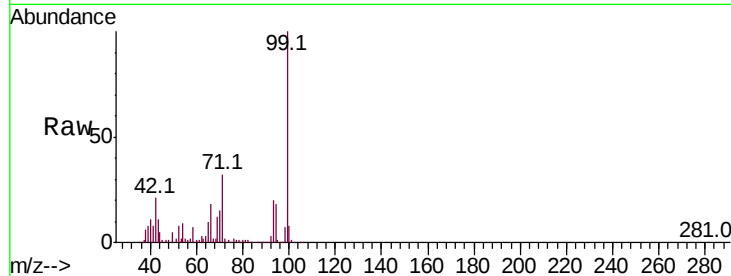
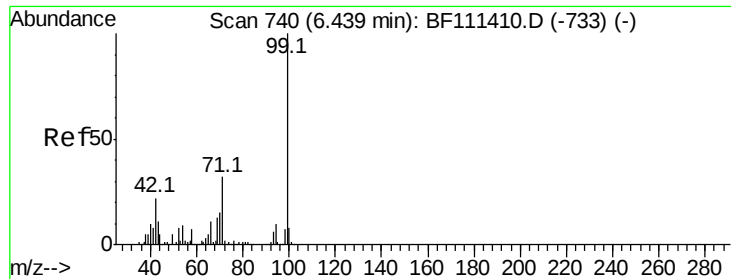


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.397 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Tot Ion: 99 Resp: 2162080

Ion Ratio Lower Upper

99 100

42 20.7 17.4 26.0

71 31.6 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

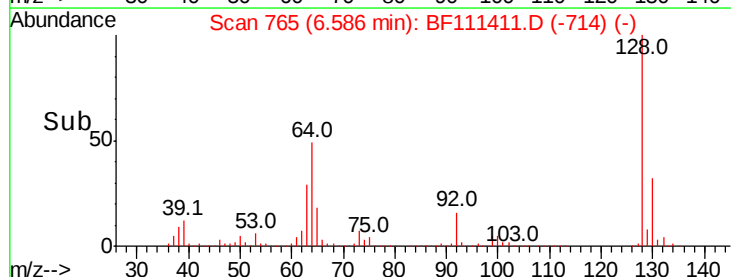
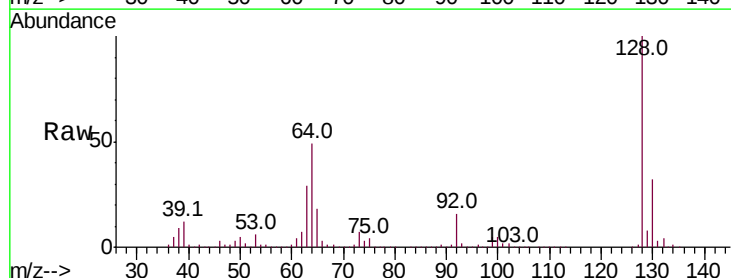
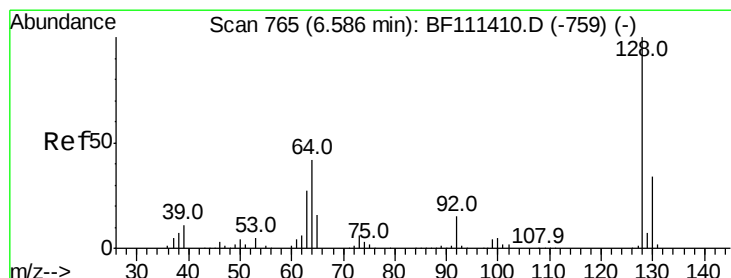
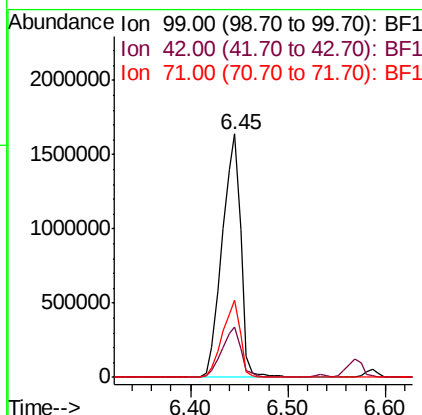
SSTDIC050

Manual Integrations

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#8

2-Chlorophenol

Concen: 49.237 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

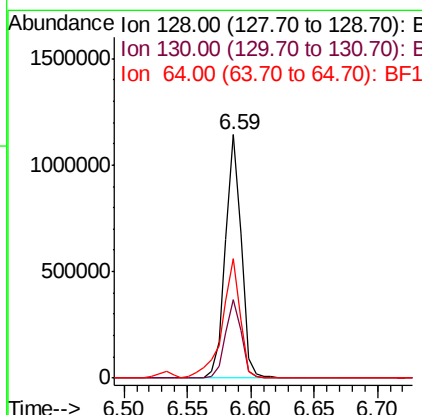
Tgt Ion:128 Resp: 996404

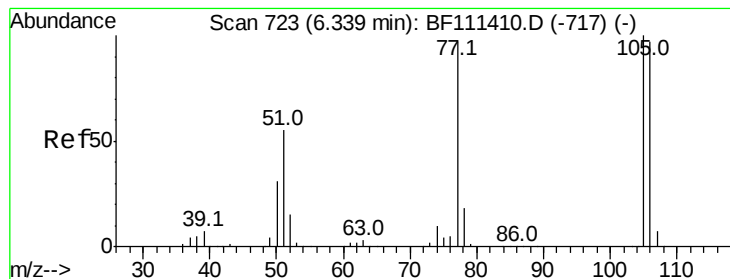
Ion Ratio Lower Upper

128 100

130 32.0 12.7 52.7

64 48.9 30.0 70.0





#9

Benzaldehyde

Concen: 43.947 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

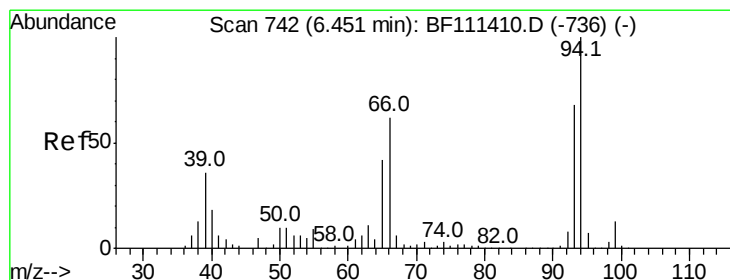
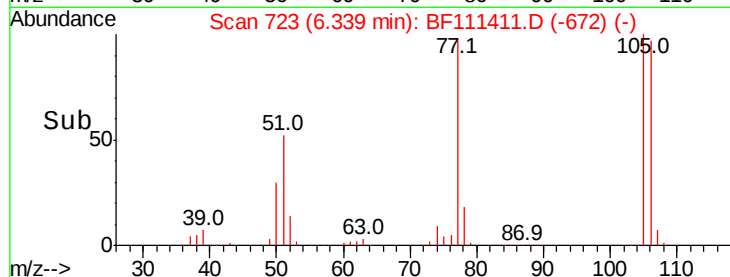
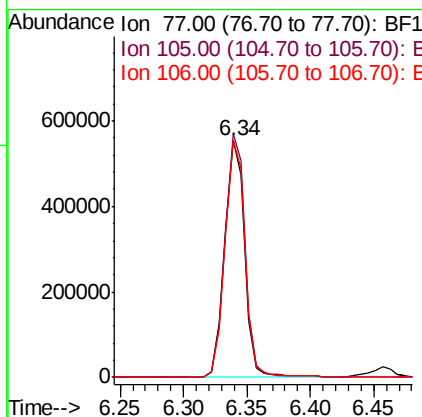
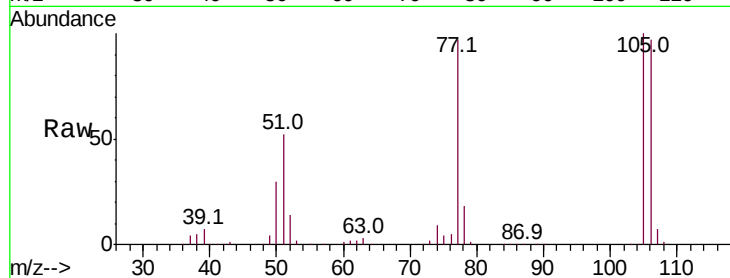
ClientSampleID :

SSTDIC050

Tot Ion:	77	Resp:	607132
Ion Ratio	Lower	Upper	
77	100		
105	102.8	81.4	121.4
106	100.0	77.9	117.9

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#10

Phenol

Concen: 47.229 ng

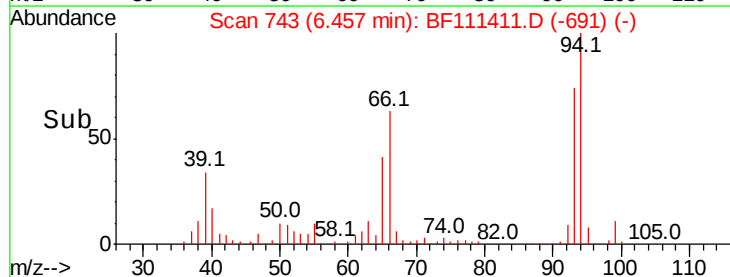
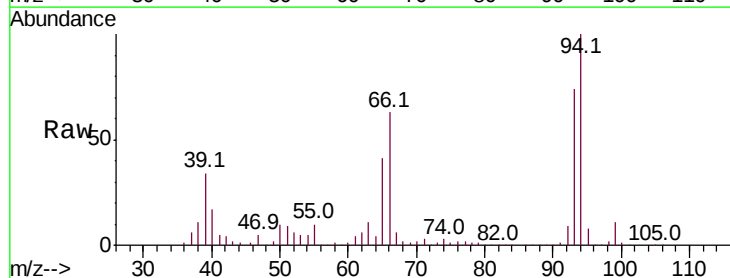
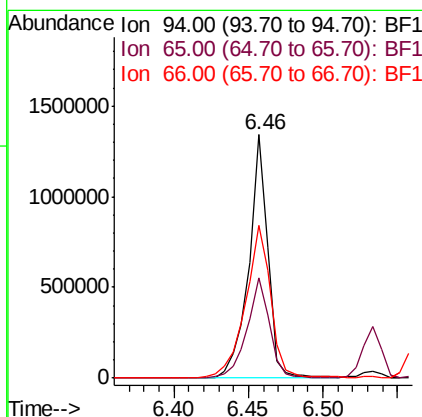
RT: 6.46 min Scan# 743

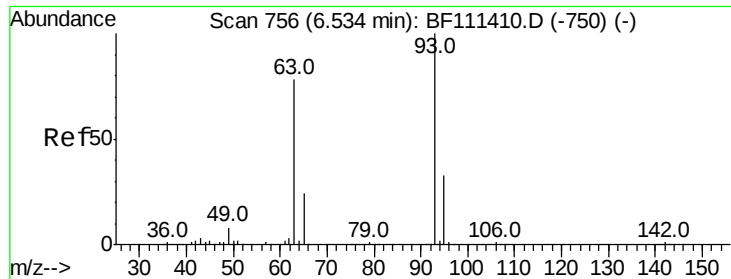
Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Tgt Ion:	94	Resp:	1187653
Ion Ratio	Lower	Upper	
94	100		
65	41.1	11.7	51.7
66	62.9	21.0	61.0#





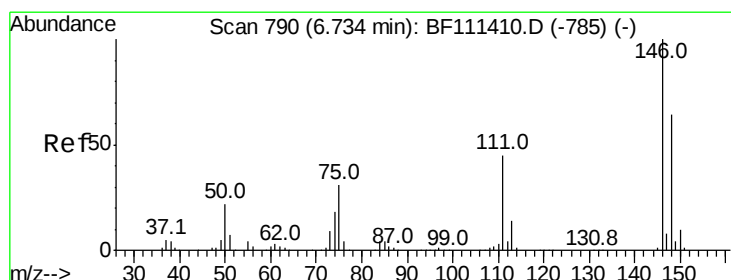
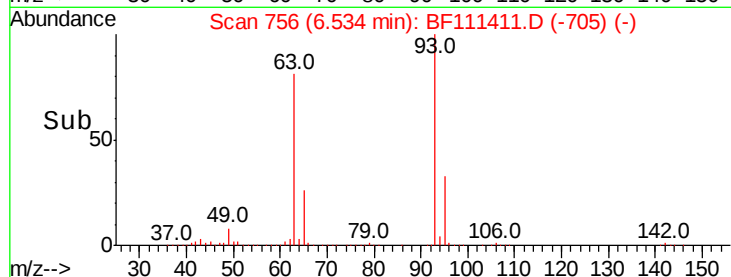
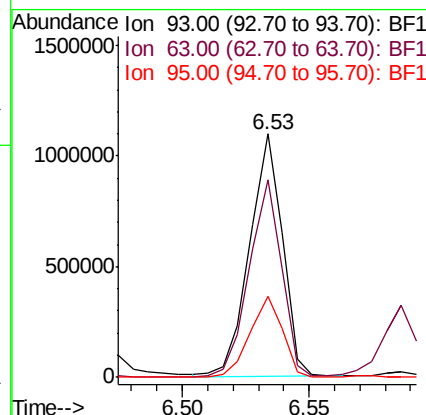
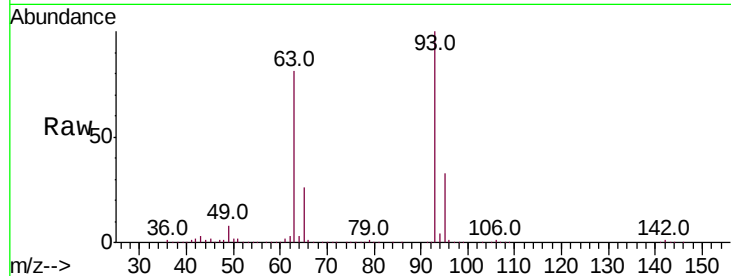
#11
bis(2-Chloroethyl)ether
Concen: 49.994 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:	93	Resp:	989028
Ion Ratio	Lower	Upper	
93	100		
63	81.1	60.0	100.0
95	33.1	13.4	53.4

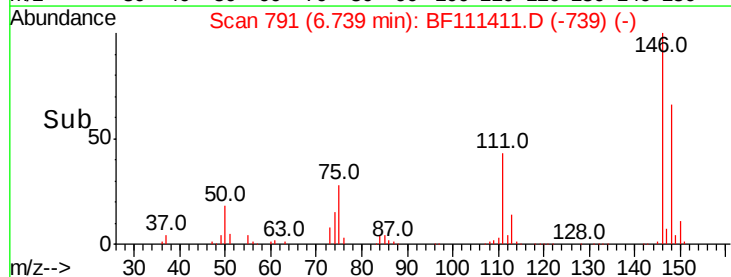
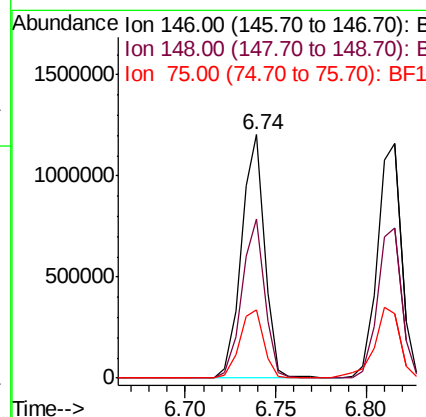
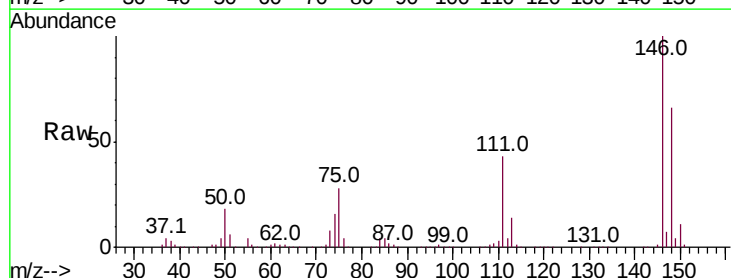
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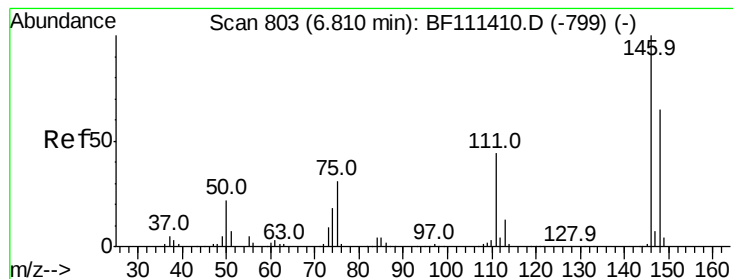
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#12
1,3-Dichlorobenzene
Concen: 48.783 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:	146	Resp:	1068739
Ion Ratio	Lower	Upper	
146	100		
148	65.6	52.1	78.1
75	28.0	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 48.868 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:146 Resp: 1083759

Ion Ratio Lower Upper

146 100

148 64.3 52.8 79.2

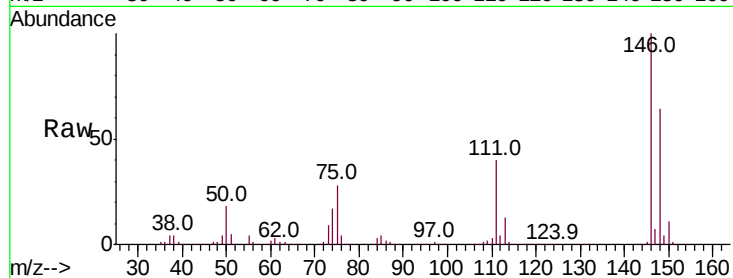
111 40.3 33.4 50.0

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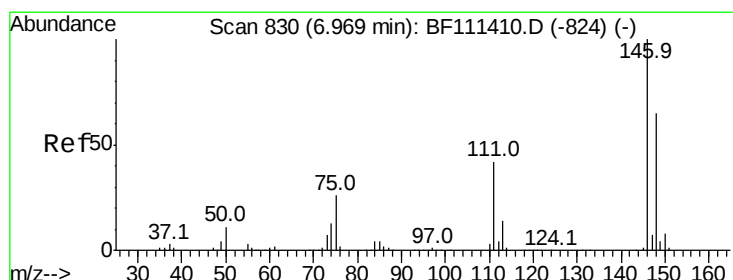
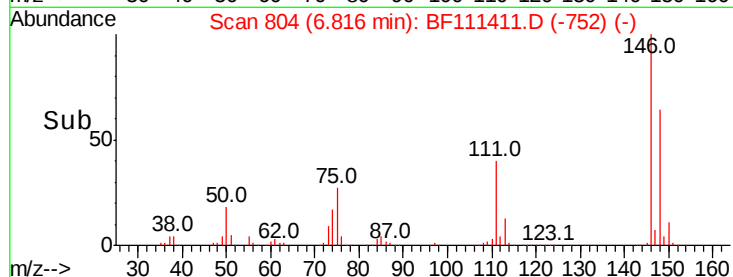
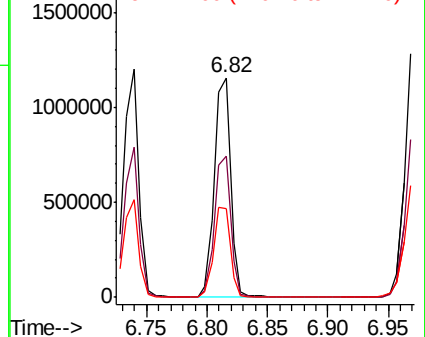


Abundance

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



#14

1,2-Dichlorobenzene

Concen: 47.695 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

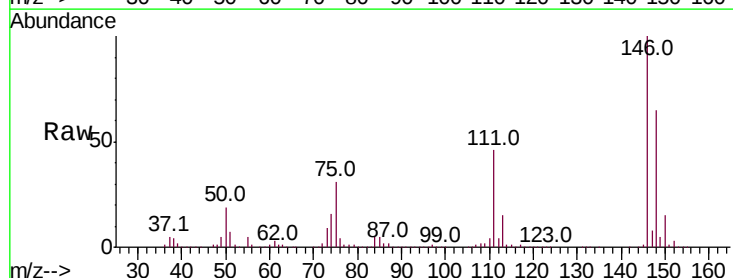
Tgt Ion:146 Resp: 978558

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

111 45.8 36.2 54.4

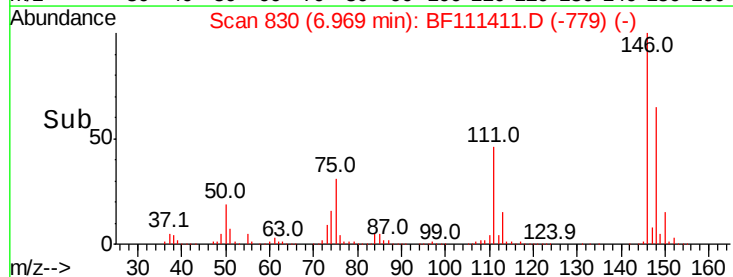
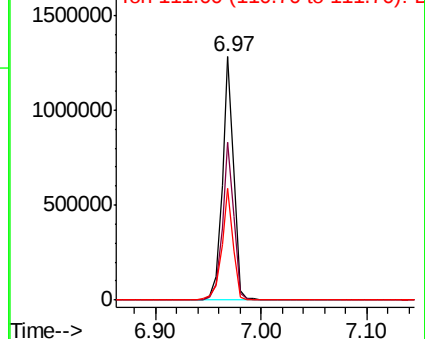


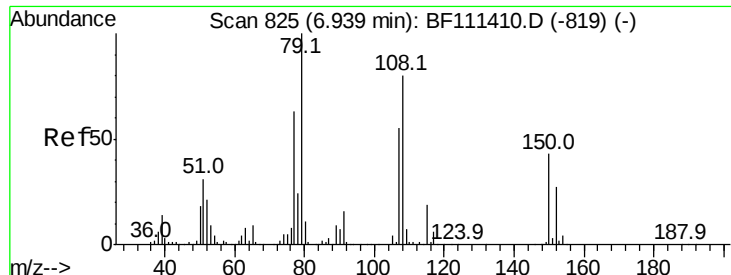
Abundance

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: 48.603 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 79 Resp: 826178

Ion Ratio Lower Upper

79 100

108 82.6 69.4 104.2

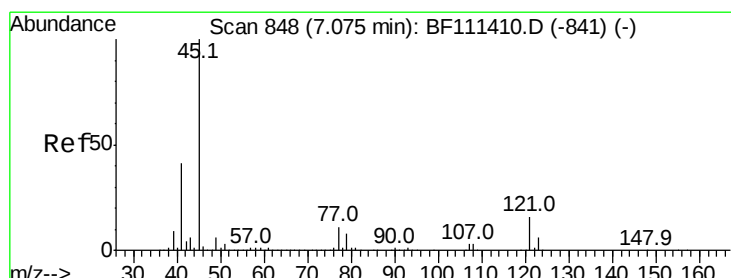
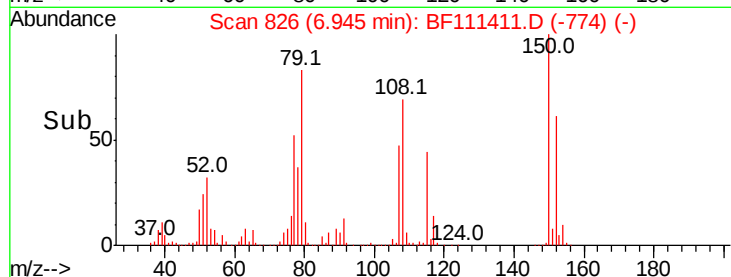
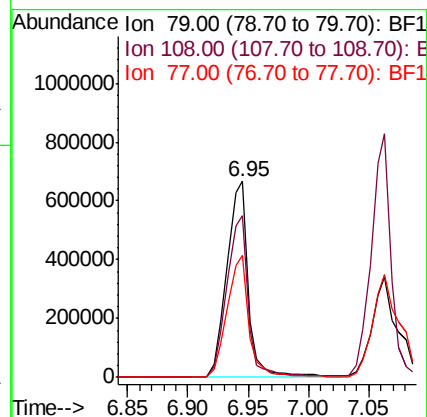
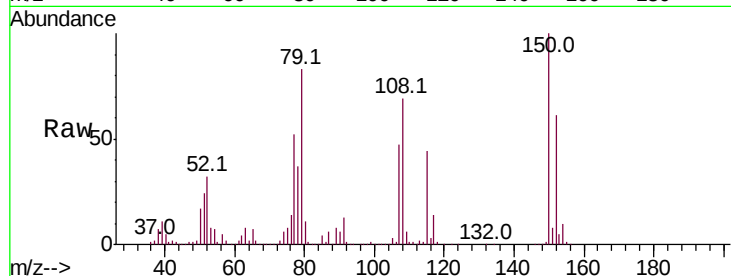
77 62.3 49.7 74.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.351 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

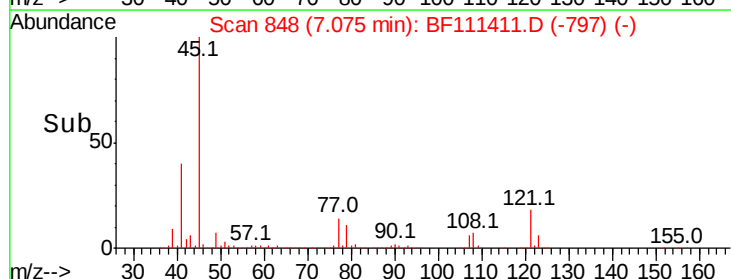
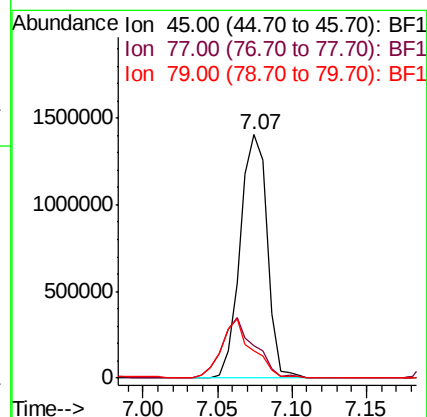
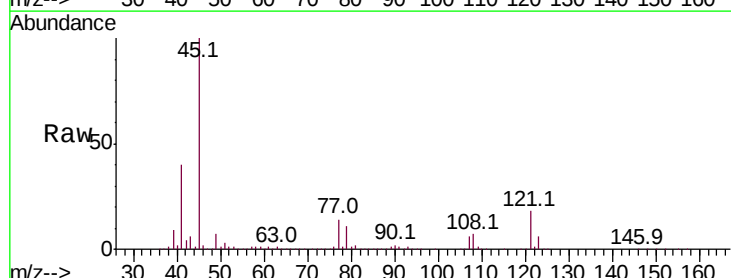
Tgt Ion: 45 Resp: 1776459

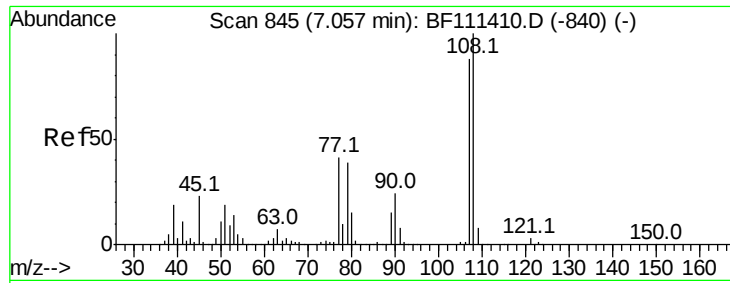
Ion Ratio Lower Upper

45 100

77 13.6 0.0 31.5

79 11.0 0.0 28.9





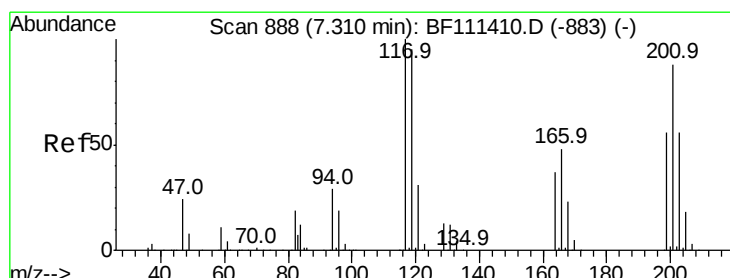
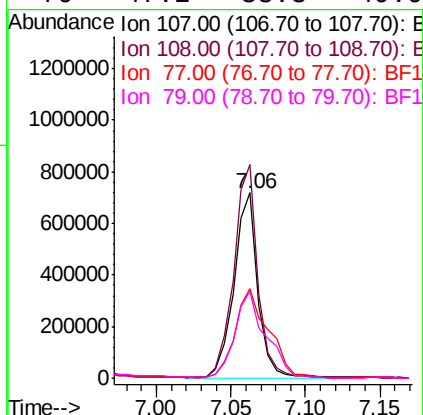
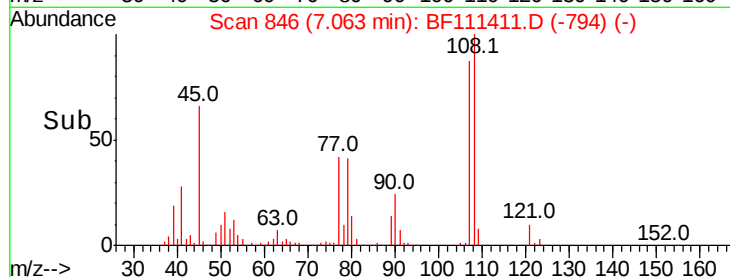
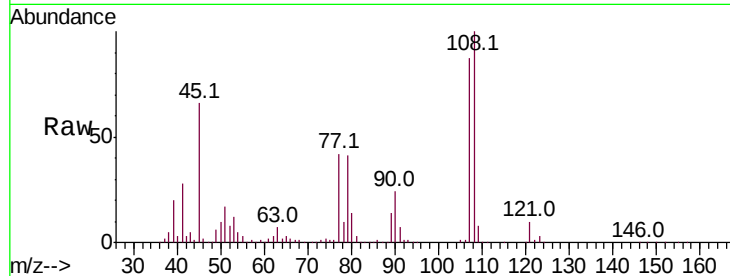
#17
2-Methylphenol
Concen: 48.755 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.3	91.0	136.4
77	48.6	33.5	50.3
79	47.2	33.3	49.9

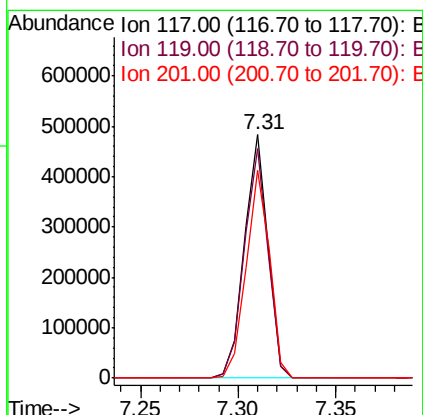
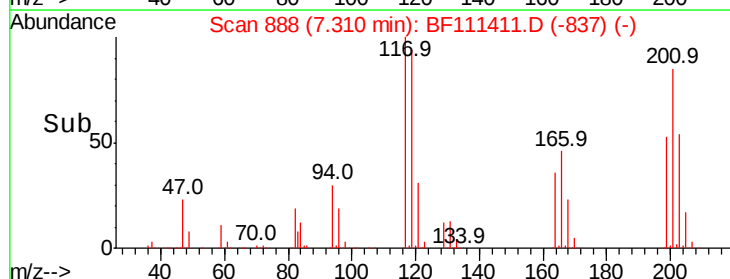
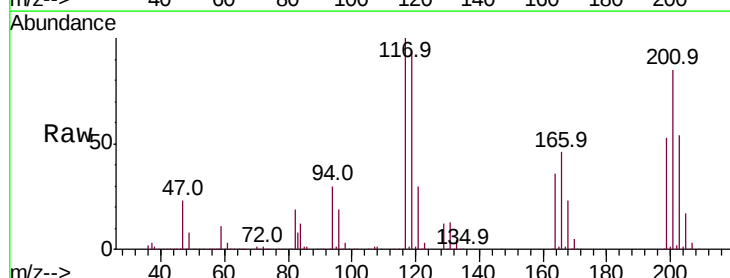
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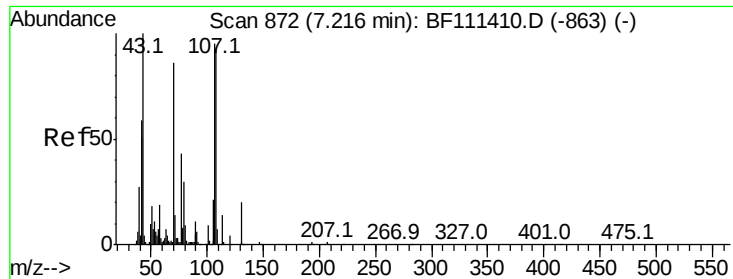
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#18
Hexachloroethane
Concen: 48.911 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.4	113.0
201	85.2	62.4	93.6





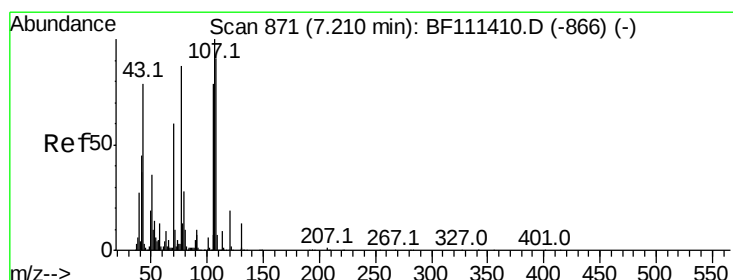
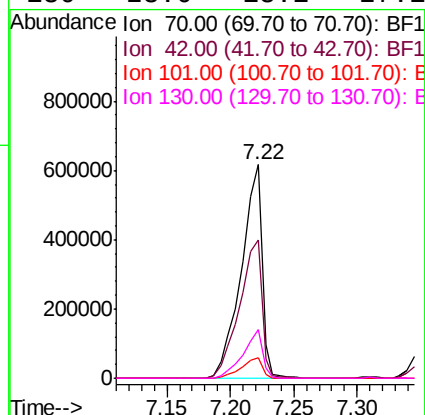
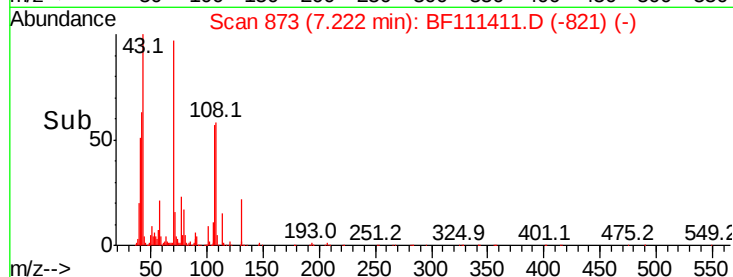
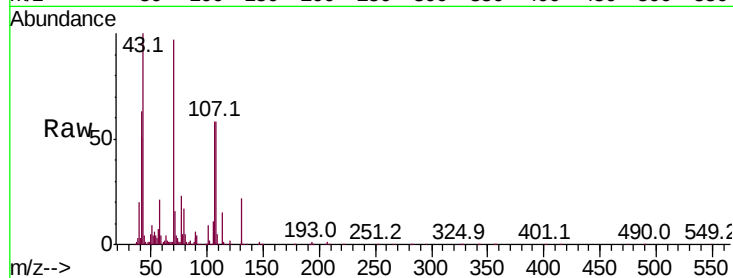
#19
n-Nitroso-di-n-propylamine
Concen: 47.493 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.6	53.2	79.8
101	9.8	8.2	12.4
130	23.0	18.1	27.1

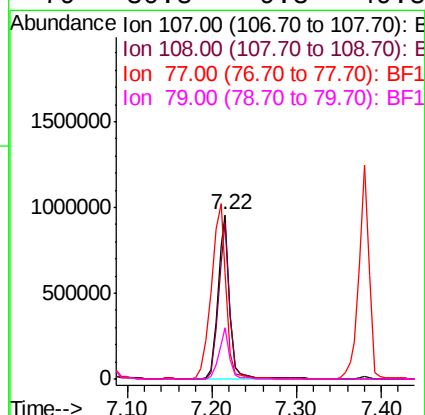
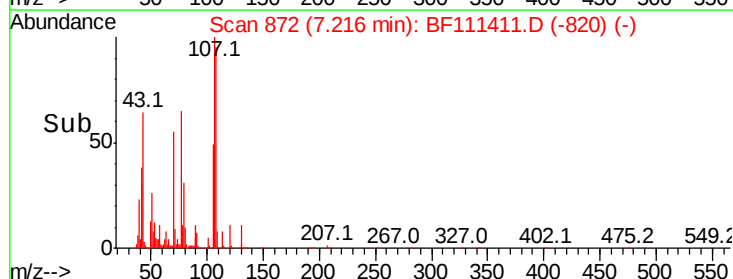
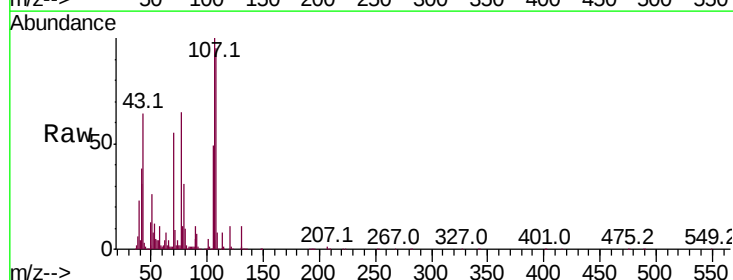
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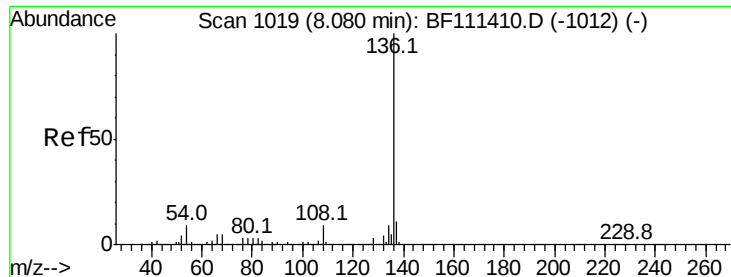
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#20
3+4-Methylphenols
Concen: 48.335 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.2	72.1	112.1
77	64.8	94.1	134.1#
79	30.8	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:136 Resp: 1183473

Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.4 7.7 11.5

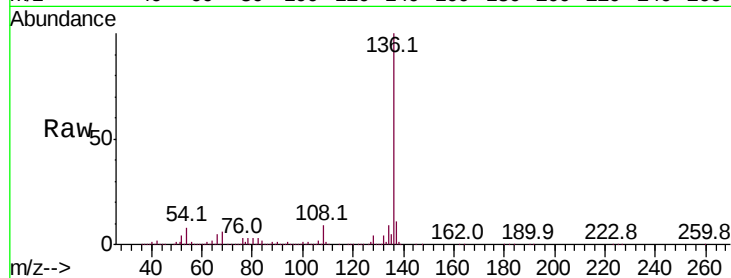
68 5.9 4.9 7.3

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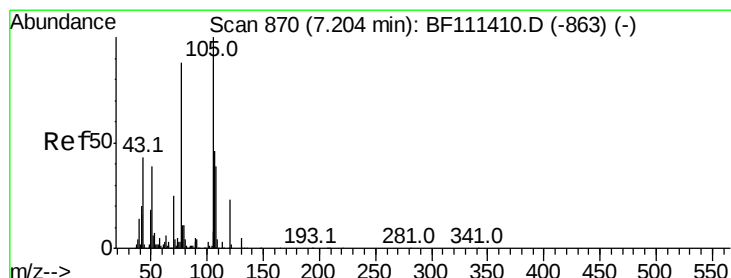
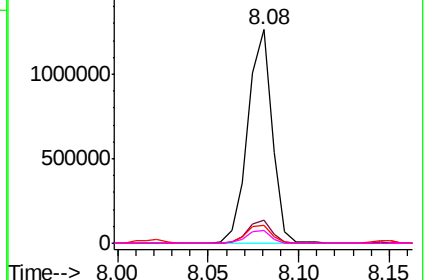
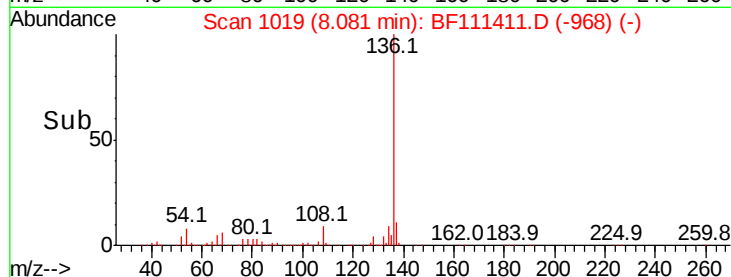


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 48.026 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Tgt Ion:105 Resp: 1320242

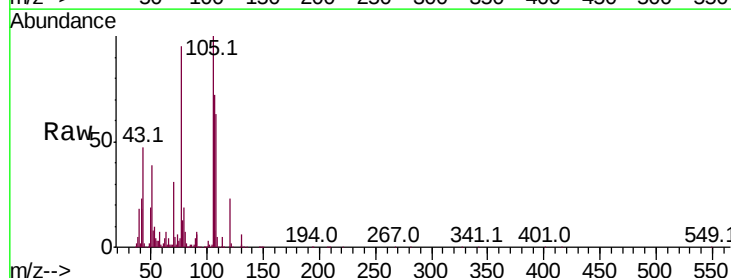
Ion Ratio Lower Upper

105 100

71 5.2 3.1 4.7#

51 39.4 36.6 54.8

120 23.2 18.2 27.4

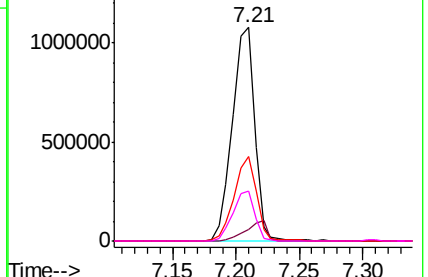
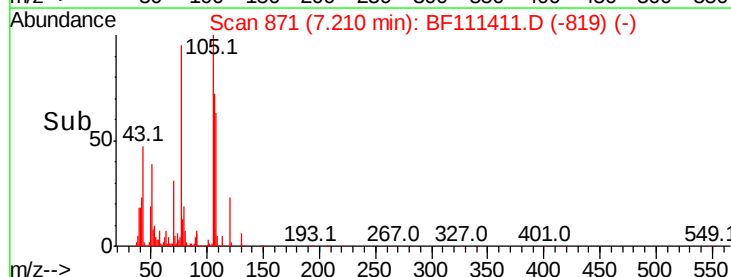


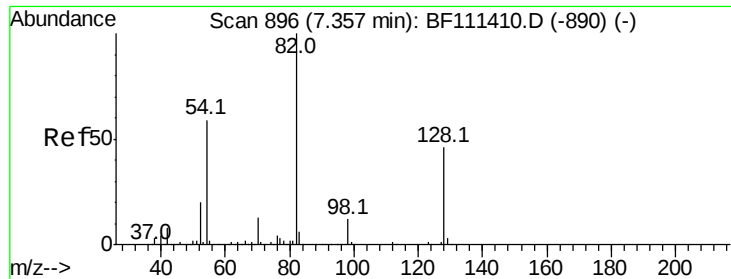
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





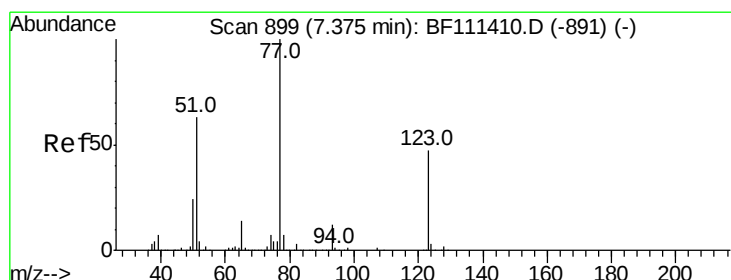
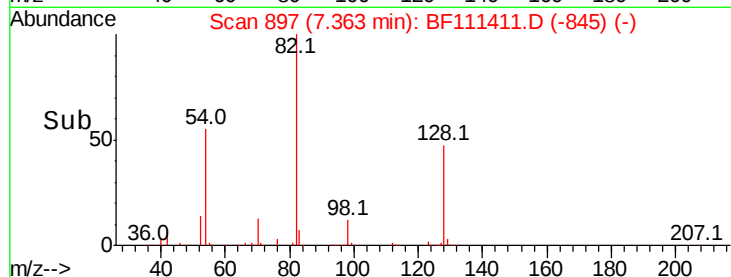
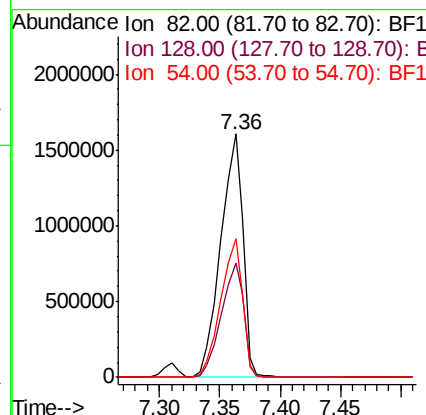
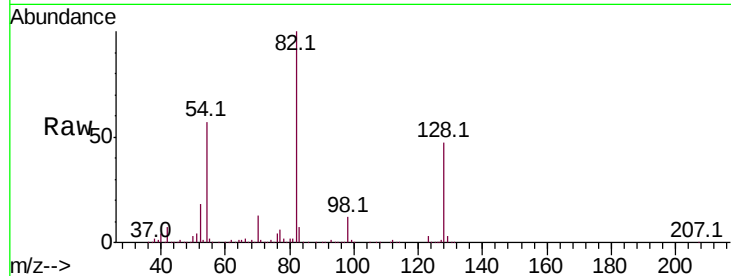
#23
Nitrobenzene-d5
Concen: 96.876 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 82 Resp: 2034134
Ion Ratio Lower Upper
82 100
128 47.2 37.4 56.2
54 56.9 47.6 71.4

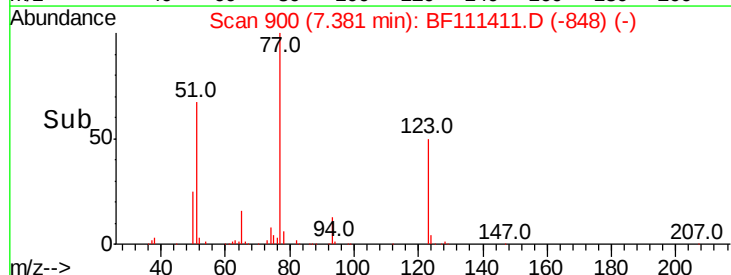
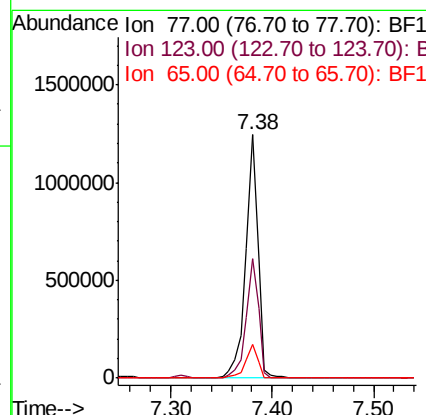
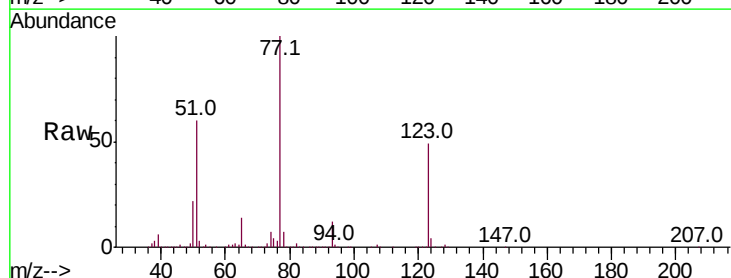
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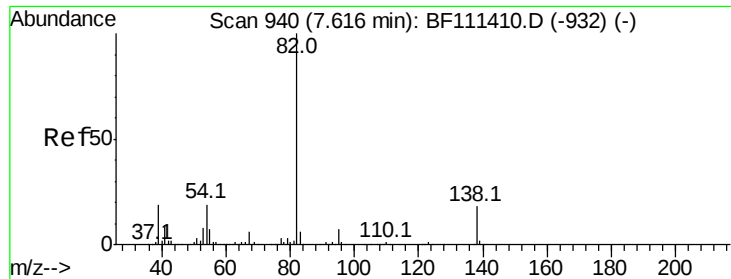
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#24
Nitrobenzene
Concen: 47.909 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion: 77 Resp: 1036176
Ion Ratio Lower Upper
77 100
123 49.2 37.2 55.8
65 13.8 11.5 17.3





#25

Isophorone

Concen: 48.644 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1734959

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

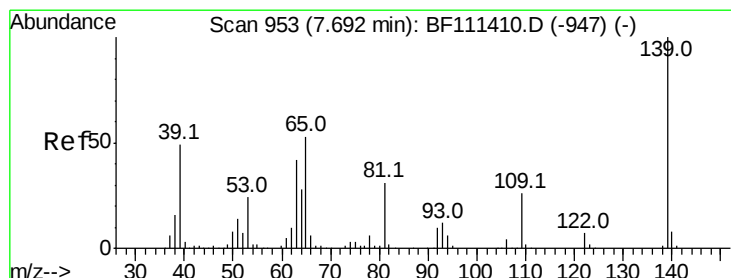
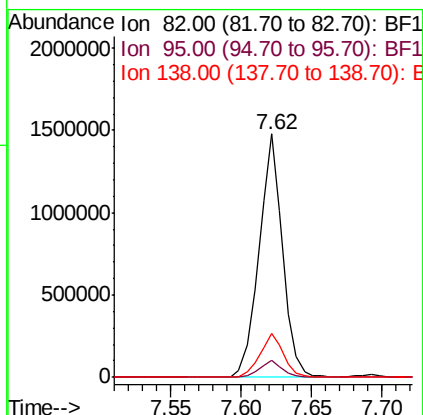
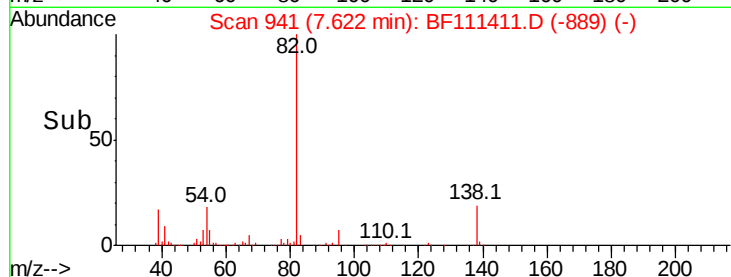
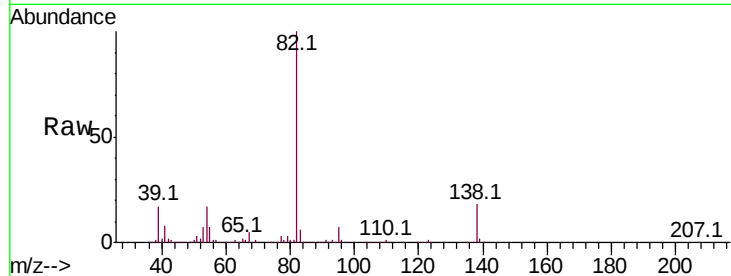
138 18.1 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 51.990 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

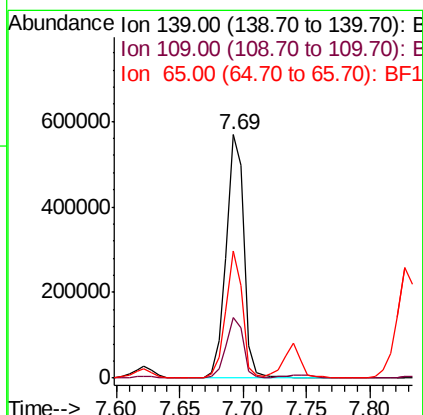
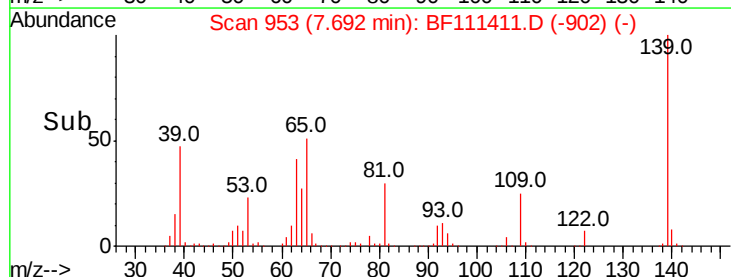
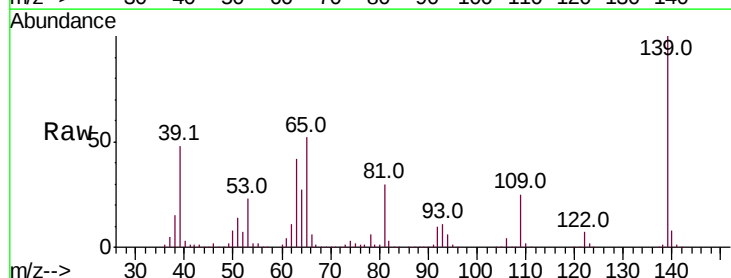
Tgt Ion: 139 Resp: 552702

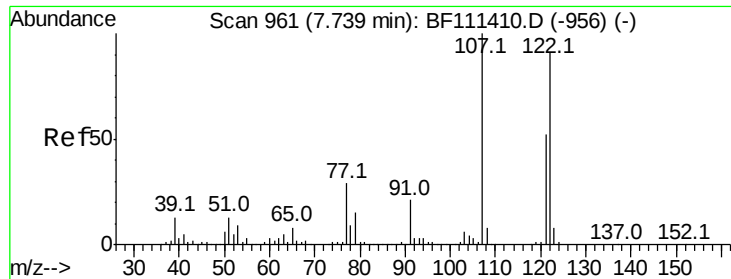
Ion Ratio Lower Upper

139 100

109 24.7 20.2 30.4

65 52.0 40.7 61.1





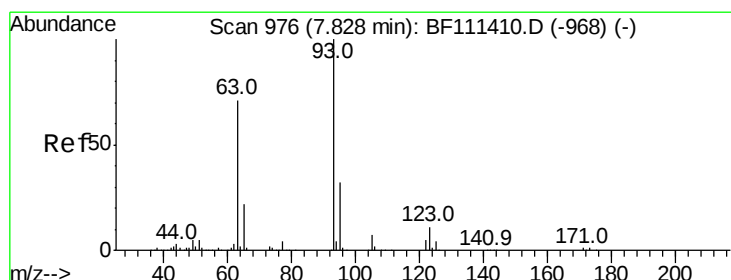
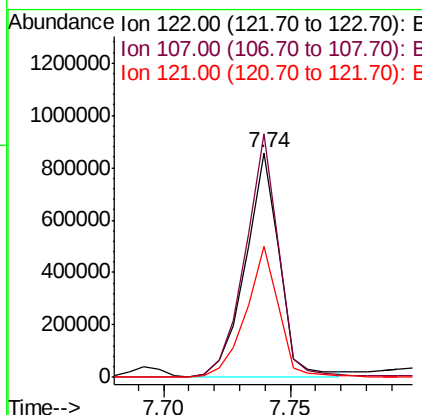
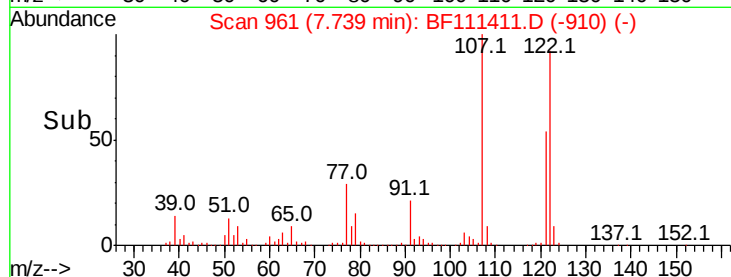
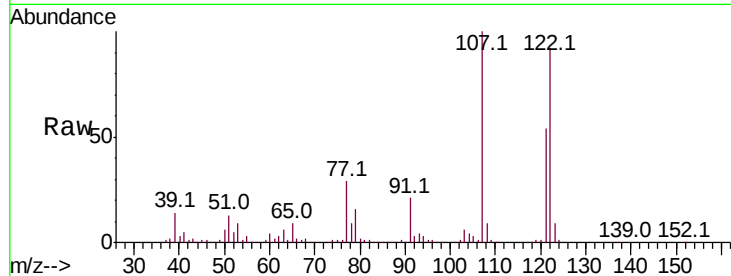
#27
2,4-Dimethylphenol
Concen: 49.464 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.4	85.5	128.3
121	58.4	46.6	70.0

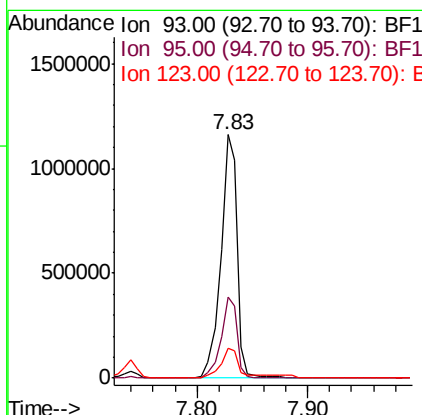
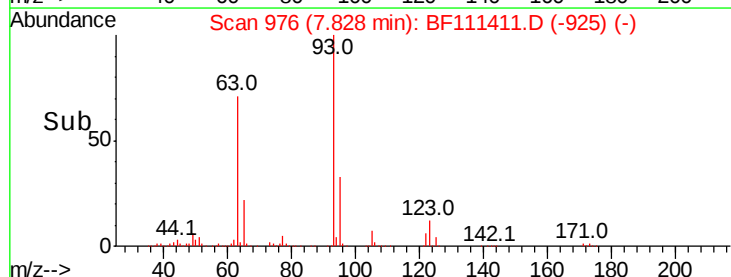
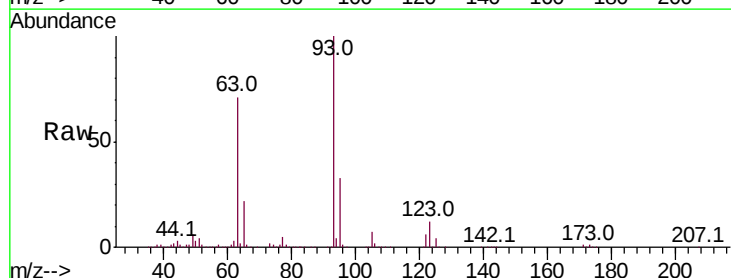
Manual Integrations
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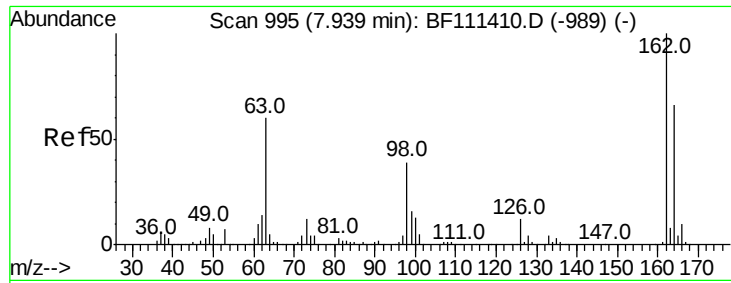
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 48.537 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.1	40.7
123	12.1	9.9	14.9





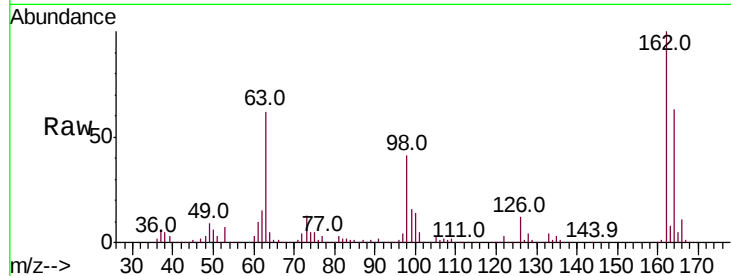
#29
2,4-Dichlorophenol
Concen: 48.984 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
162	100	824602		
164	62.7		44.4	84.4
98	41.5		20.3	60.3

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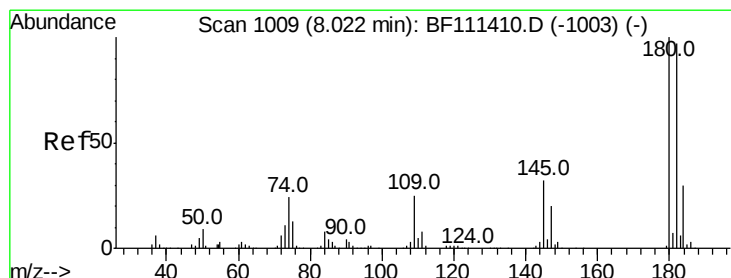
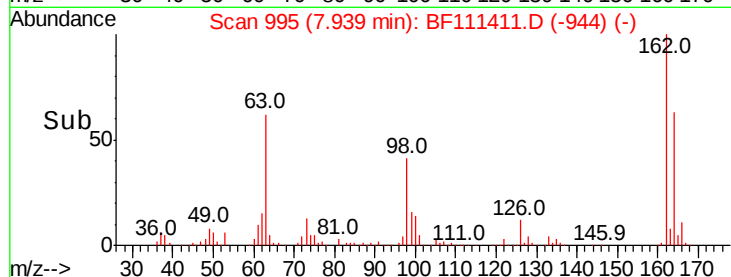
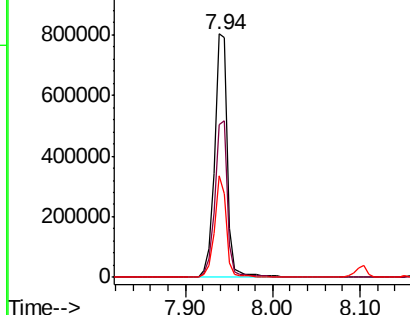


Abundance

Ion 162.00 (161.70 to 162.70): E

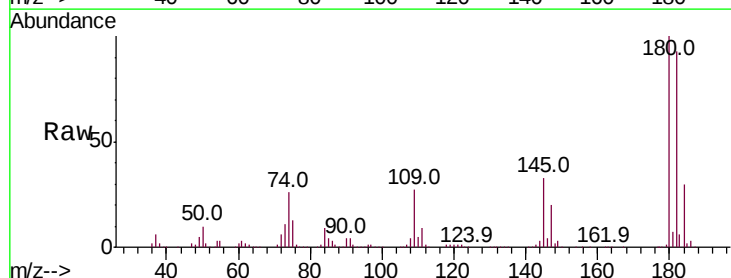
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 48.291 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	835294		
182	93.2		75.6	113.4
145	32.7		26.7	40.1

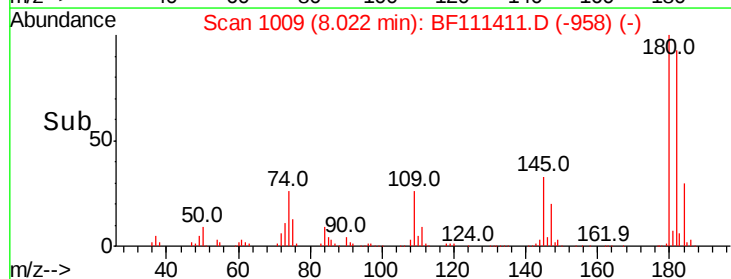
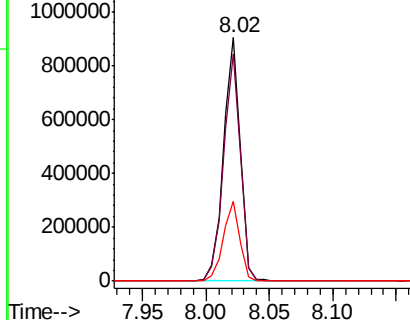


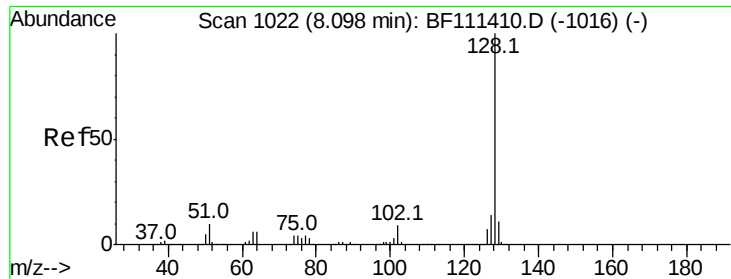
Abundance

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





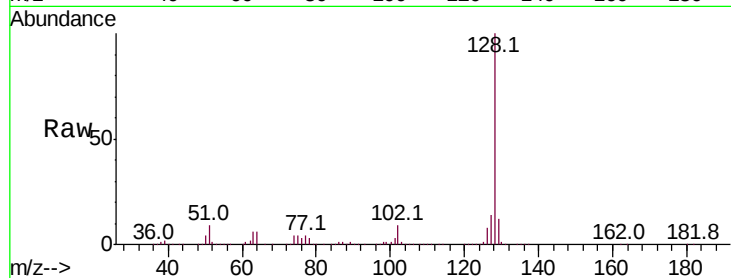
#31
Naphthalene
Concen: 47.471 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

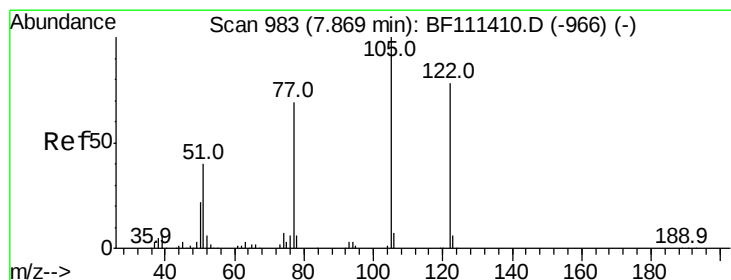
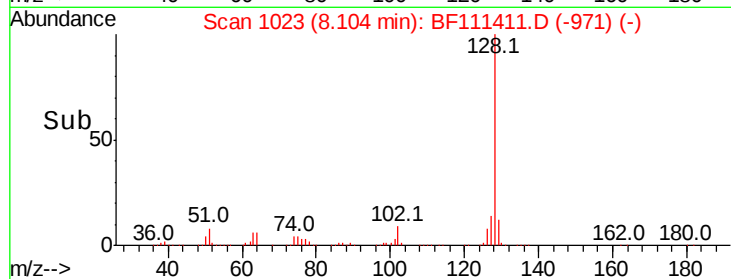
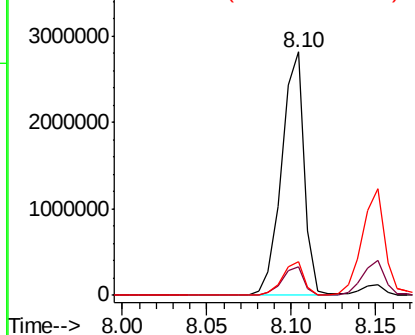
Tot Ion:128 Resp: 2617500
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.8
127 14.0 12.0 18.0

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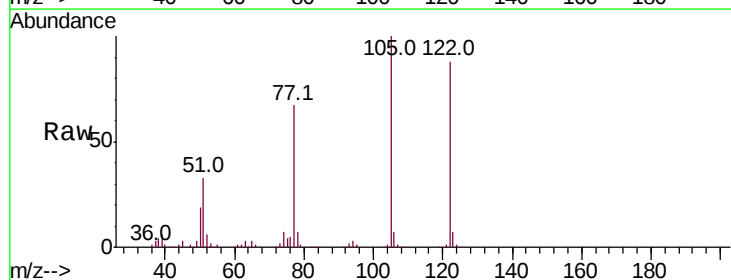


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

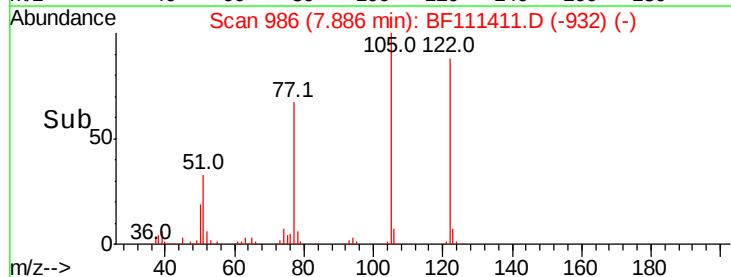
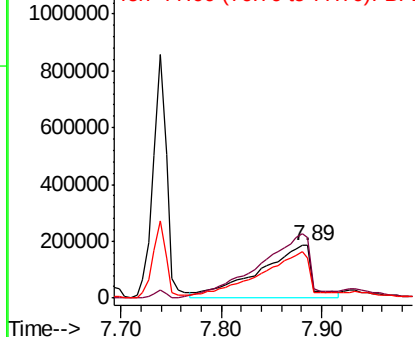


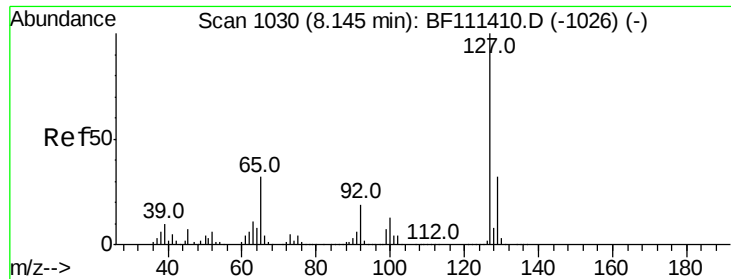
#32
Benzoic acid
Concen: 51.585 ng m
RT: 7.89 min Scan# 986
Delta R.T. 0.02 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:122 Resp: 692025
Ion Ratio Lower Upper
122 100
105 114.1 97.0 137.0
77 77.0 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





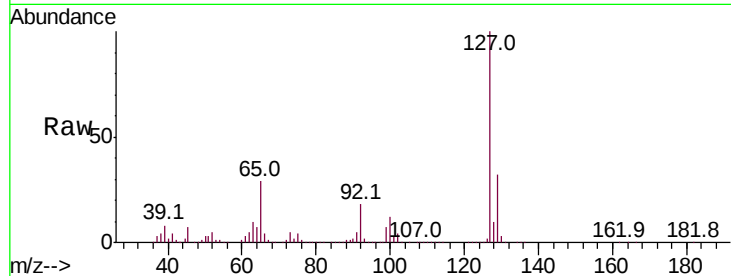
#33
4-Chloroaniline
Concen: 51.163 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	28.6	25.7	38.5
92	17.8	15.4	23.2

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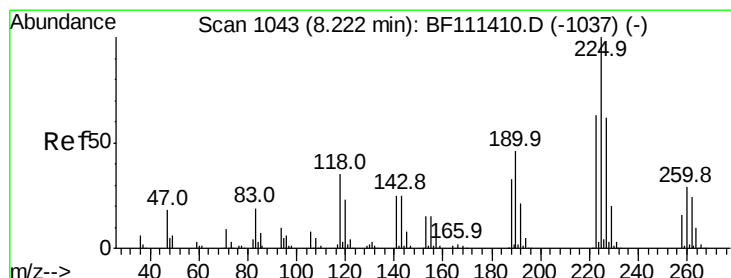
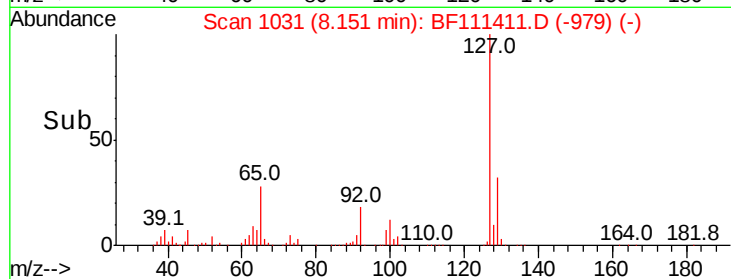
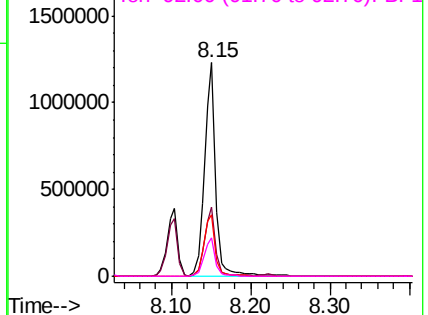
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

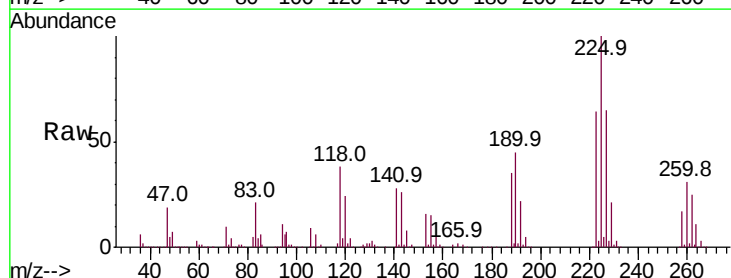
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 46.843 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.7	76.1
227	64.6	52.6	78.8

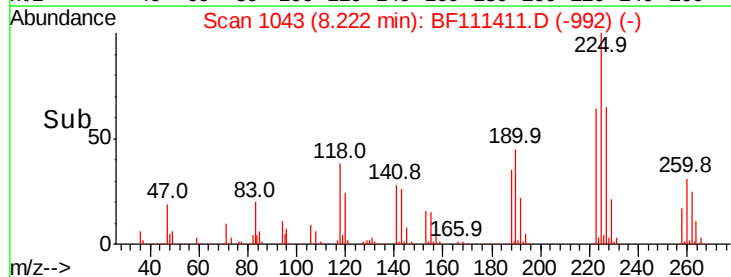
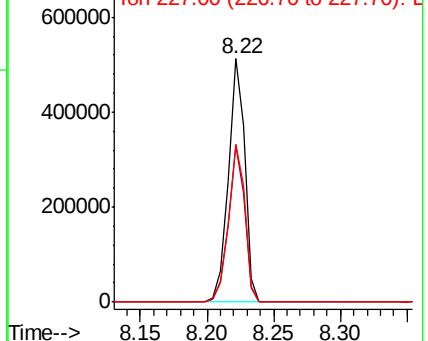


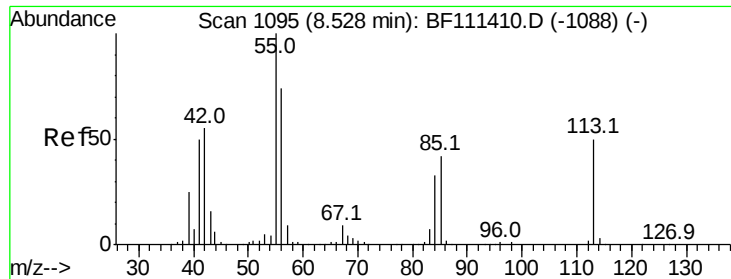
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





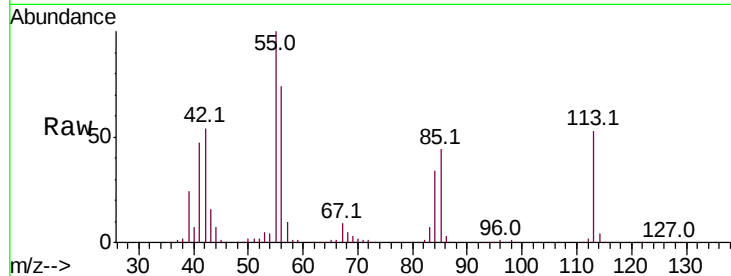
#35
Caprolactam
Concen: 52.851 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
113	100		
55	187.5	184.1	224.1
56	137.8	126.0	166.0

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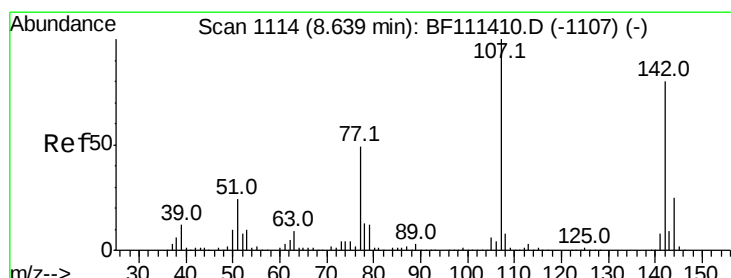
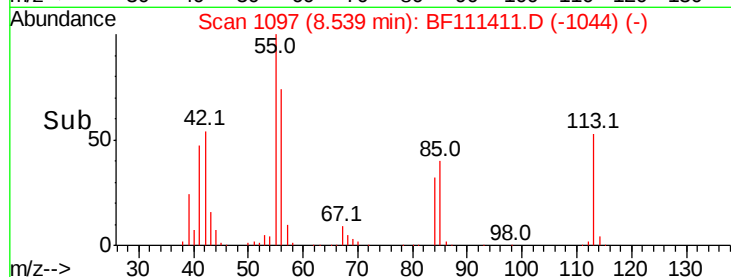
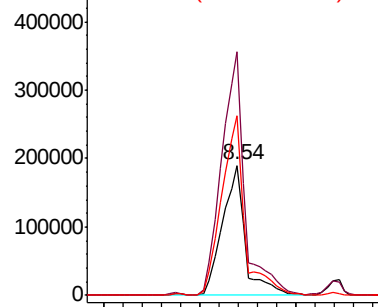


Abundance

Ion 113.00 (112.70 to 113.70): E

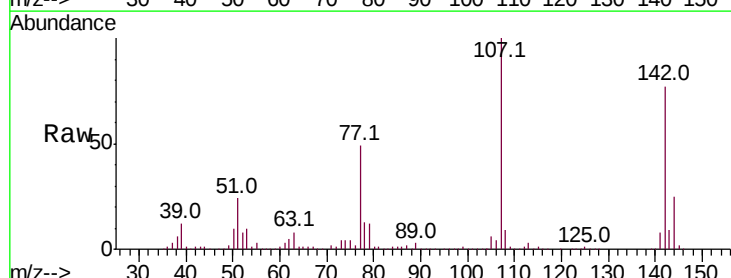
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 49.252 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.8	29.6
142	77.2	62.3	93.5

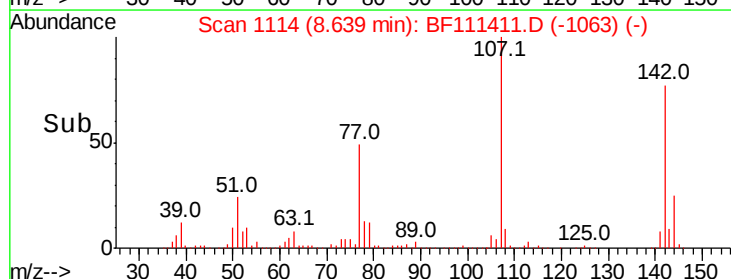
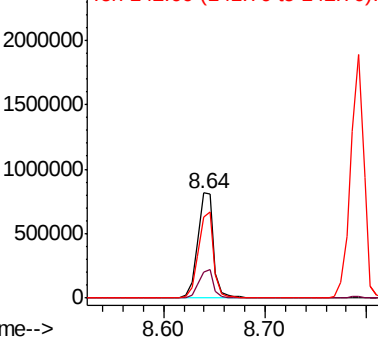


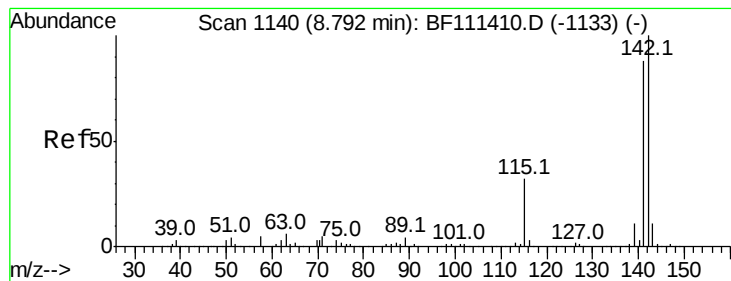
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





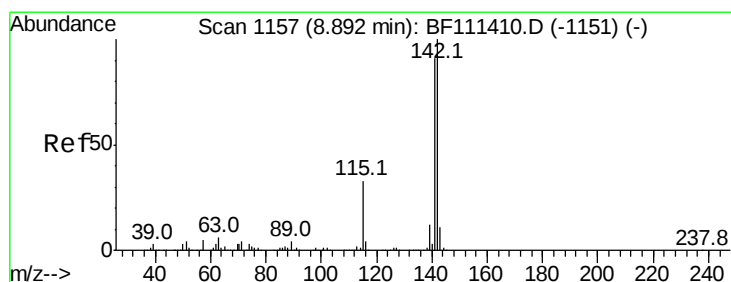
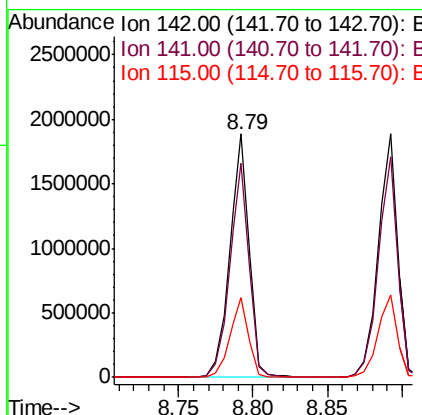
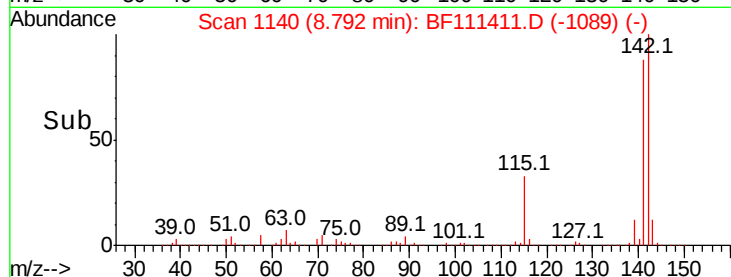
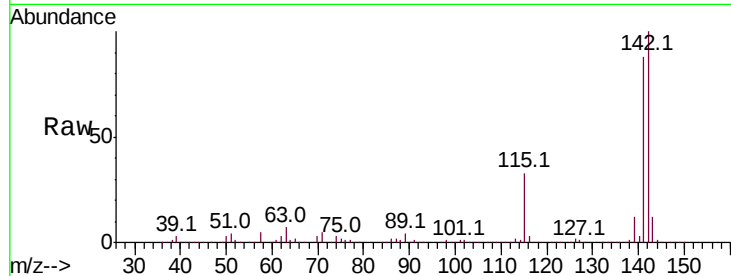
#37
2-Methylnaphthalene
Concen: 48.438 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.6	105.8
115	32.7	27.0	40.6

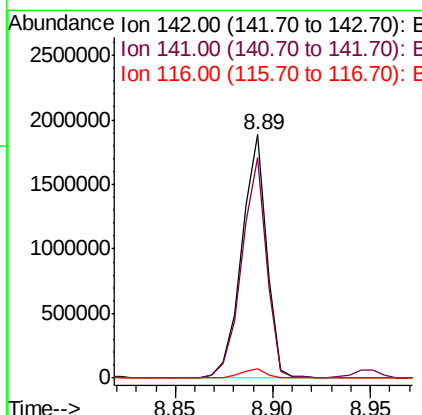
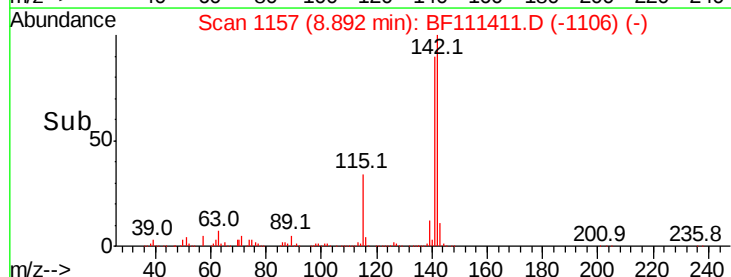
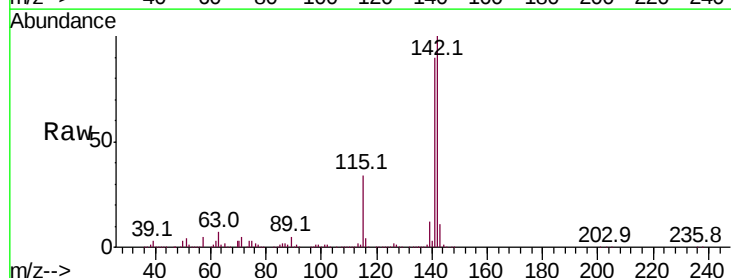
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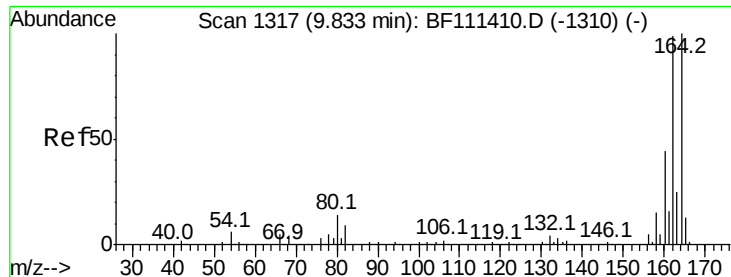
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#38
1-Methylnaphthalene
Concen: 48.179 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	74.2	111.4
116	3.7	2.9	4.3





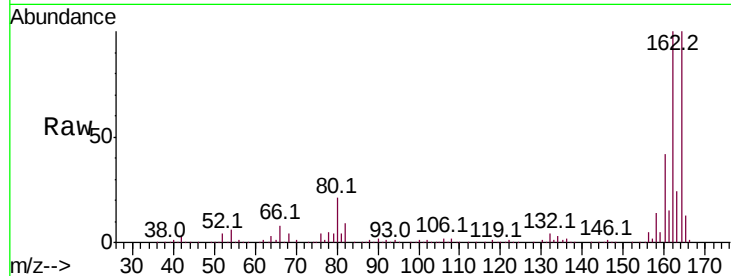
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.0	81.4	122.0	
160	42.0	35.7	53.5	

Manual Integrations
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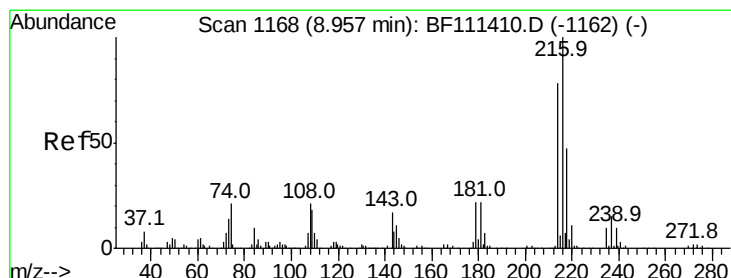
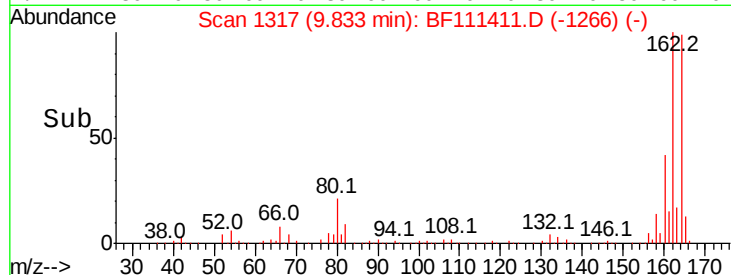
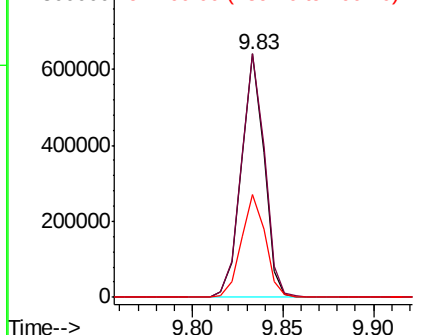


Abundance

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: 46.605 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.8	95.8	
179	22.3	17.9	26.9	
108	22.4	18.4	27.6	

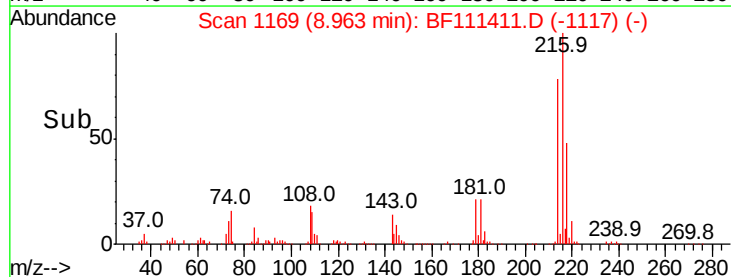
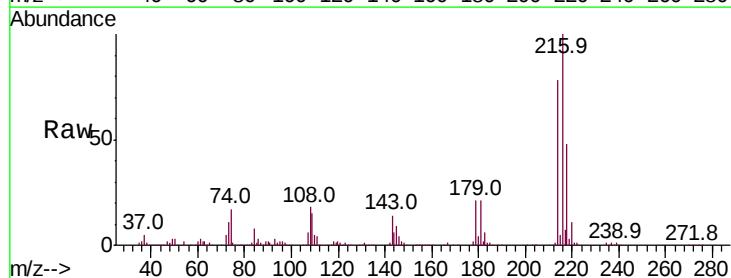
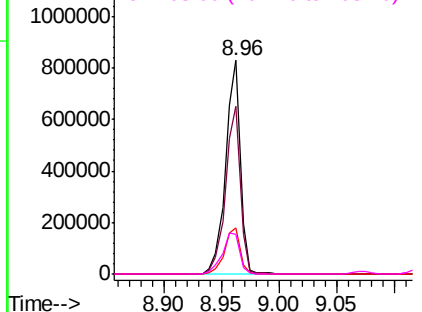
Abundance

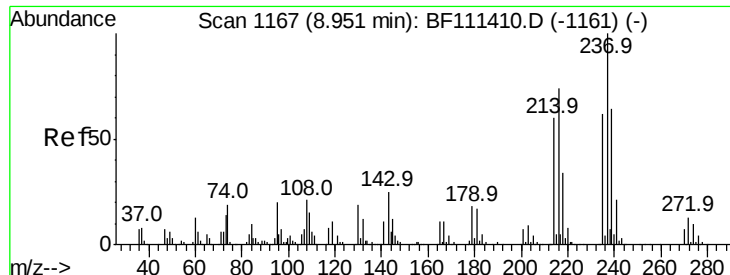
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 50.585 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

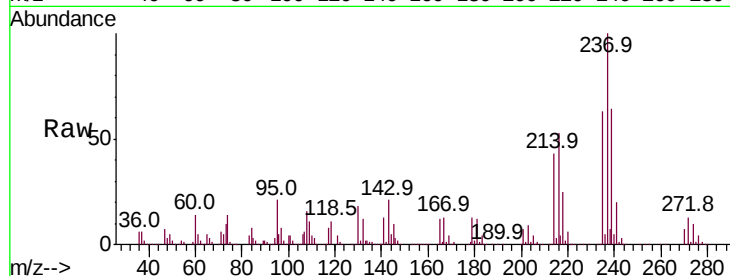
ClientSampleId :

SSTDIC050

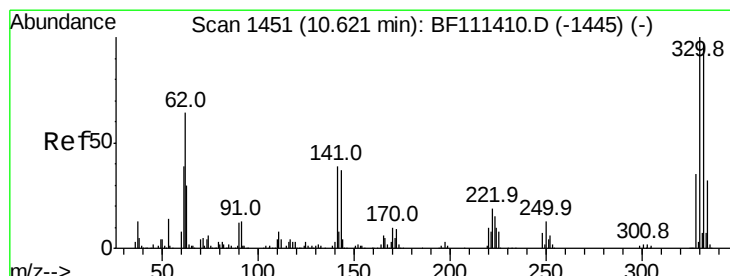
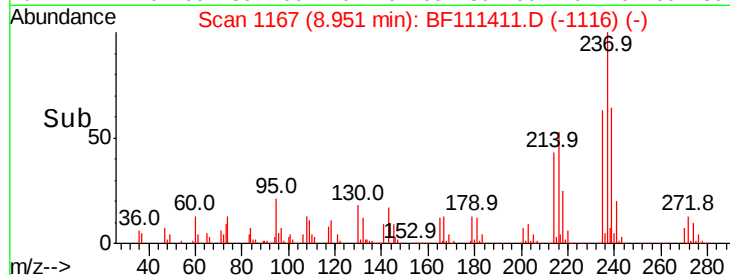
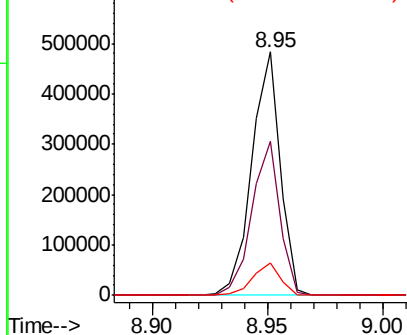
Tot Ion:	237	Resp:	415252
Ion Ratio		Lower	Upper
237	100		
235	63.1	43.1	83.1
272	13.5	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 98.252 ng

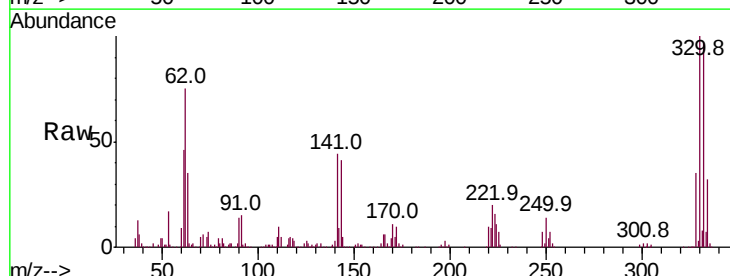
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

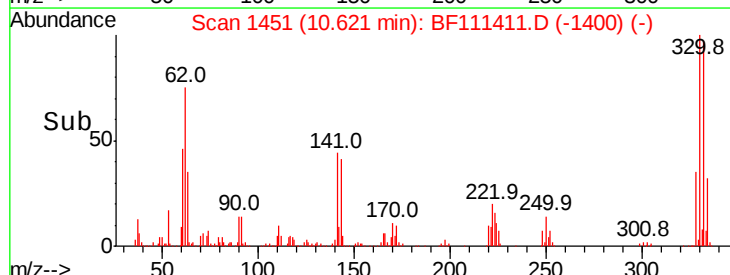
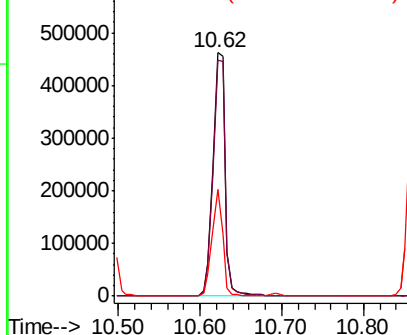
Lab File: BF111411.D

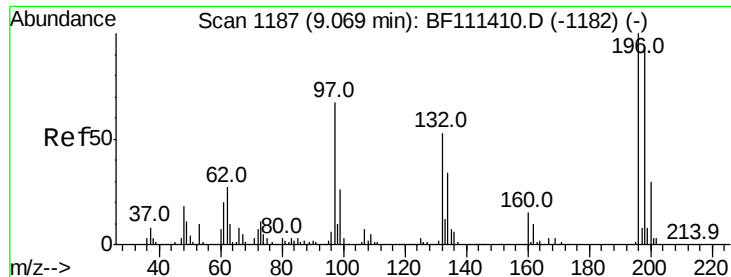
Acq: 14 Dec 2018 11:34

Tgt Ion:	330	Resp:	484395
Ion Ratio		Lower	Upper
330	100		
332	96.1	76.0	114.0
141	38.0	31.0	46.6



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





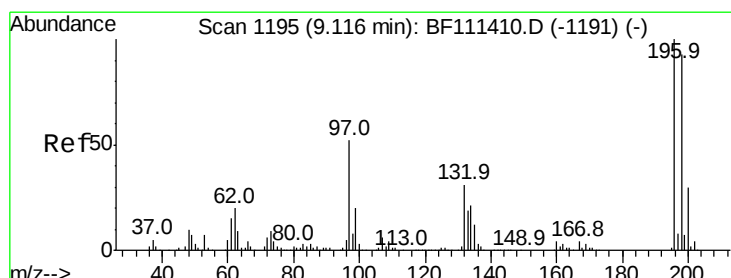
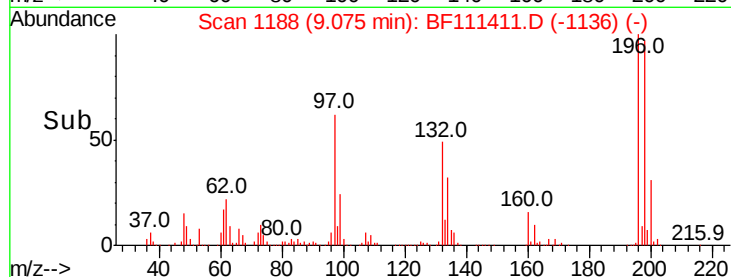
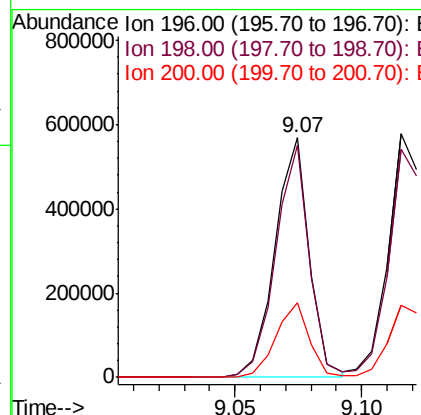
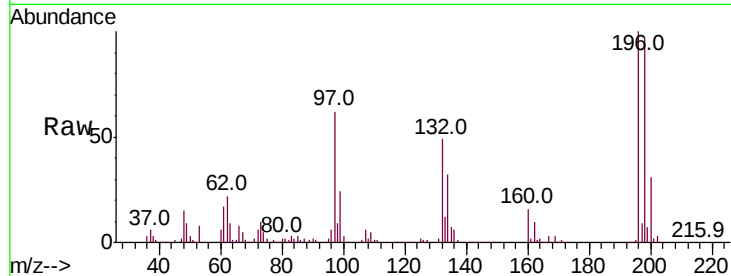
#43
 2,4,6-Trichlorophenol
 Concen: 47.662 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	536305		
198	97.0	76.3	114.5	
200	31.4	24.9	37.3	

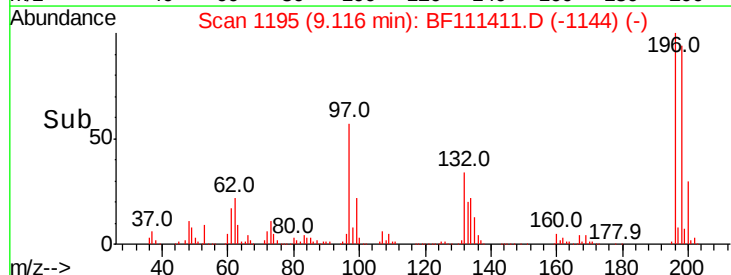
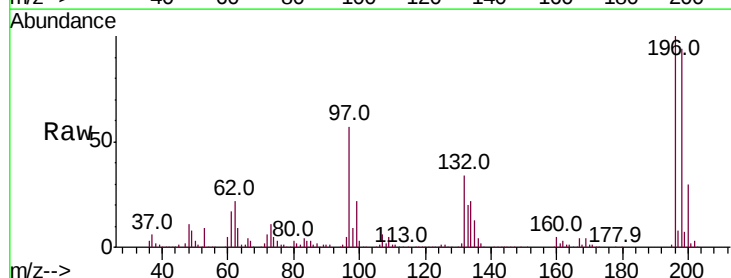
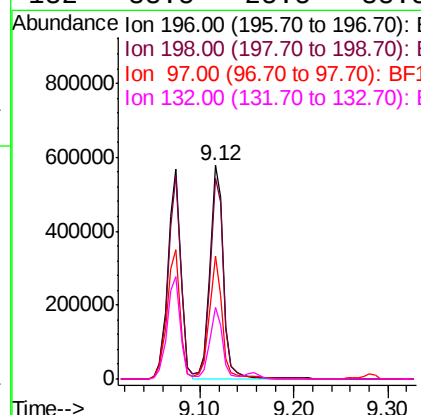
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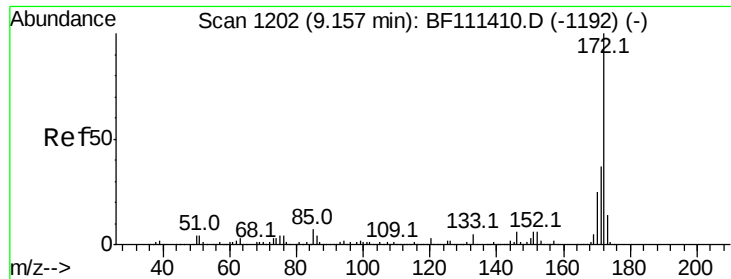
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#44
 2,4,5-Trichlorophenol
 Concen: 49.007 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	582785		
198	93.9	72.9	109.3	
97	57.4	45.3	67.9	
132	33.5	25.5	38.3	





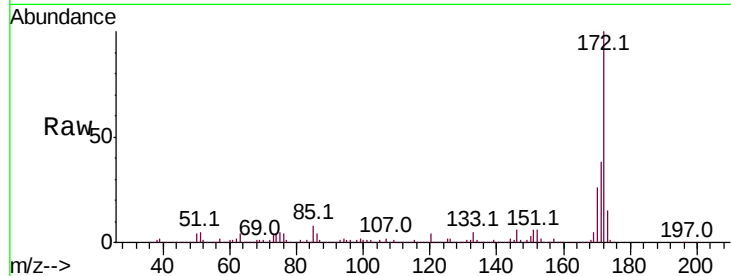
#45
2-Fluorobiphenyl
Concen: 93.900 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	33.0	49.4
170	25.8	22.3	33.5

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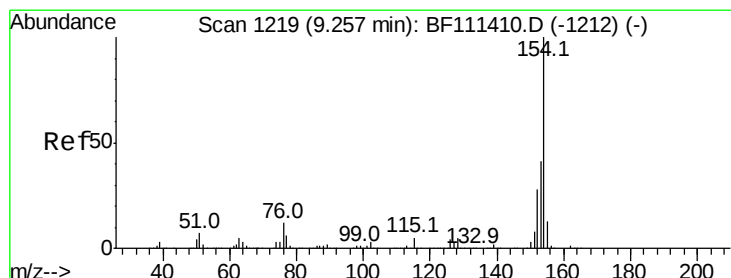
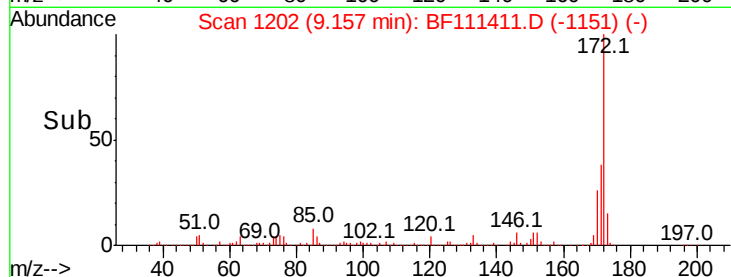
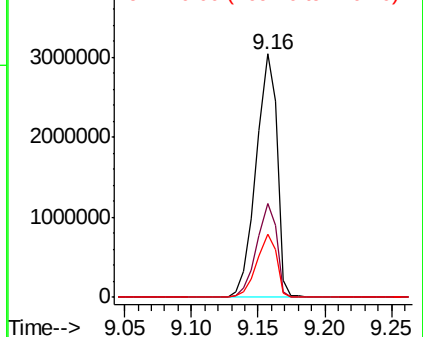


Abundance

Ion 172.00 (171.70 to 172.70): E

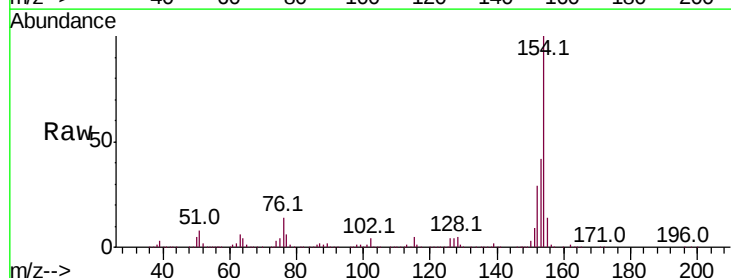
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 46.868 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	23.7	63.7
76	14.2	0.0	35.0

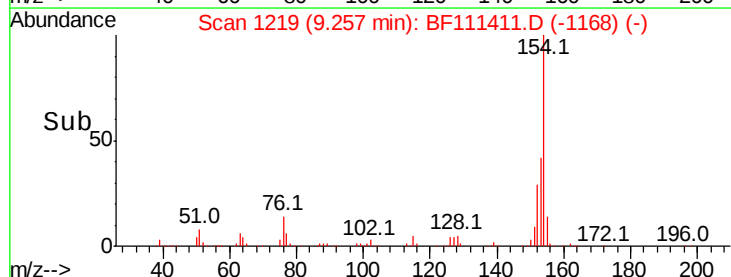
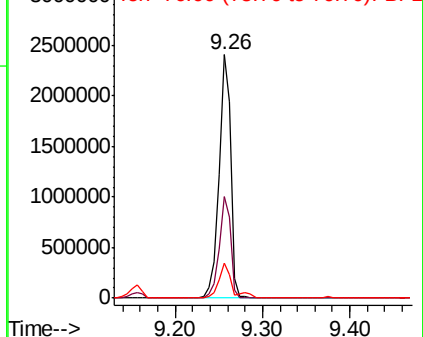


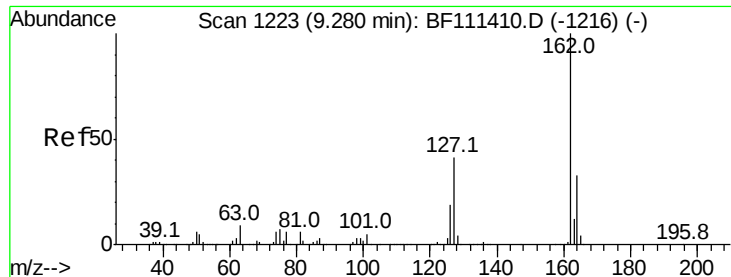
Abundance

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





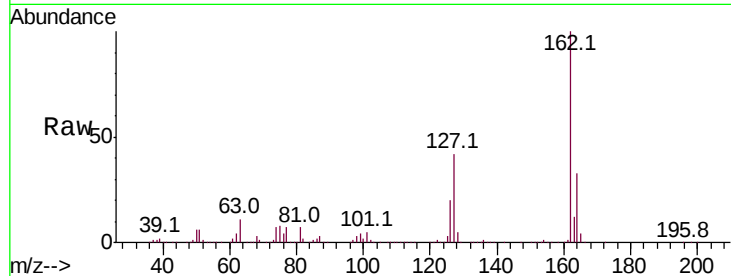
#47
2-Chloronaphthalene
Concen: 47.925 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

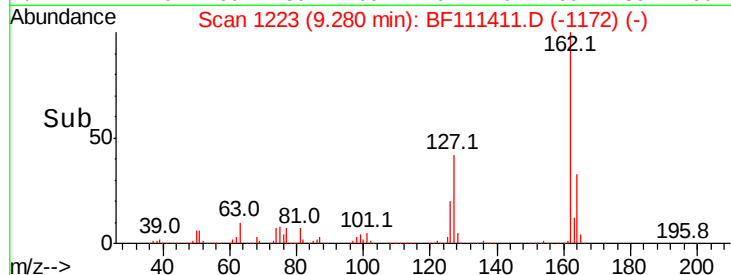
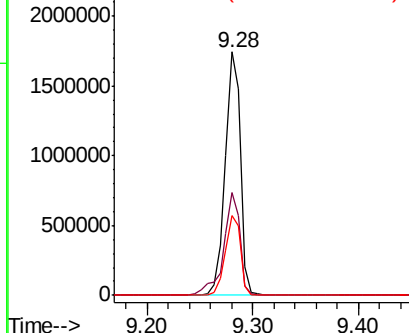
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	35.0	52.4
164	32.9	28.4	42.6

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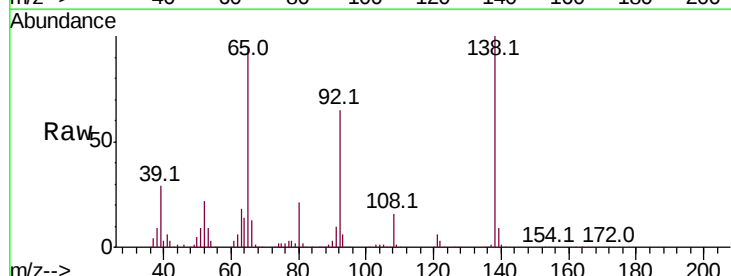
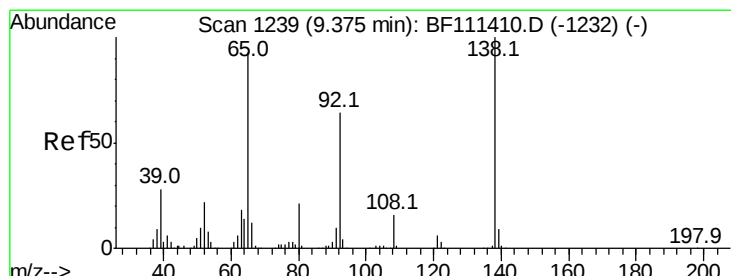
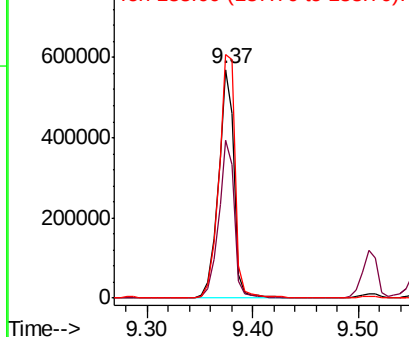
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

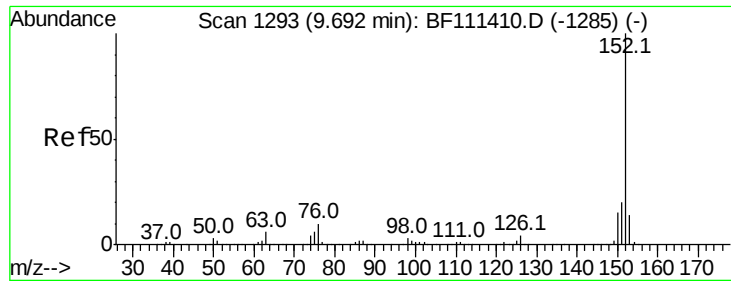


#48
2-Nitroaniline
Concen: 50.256 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.5	80.3
138	106.6	80.9	121.3

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





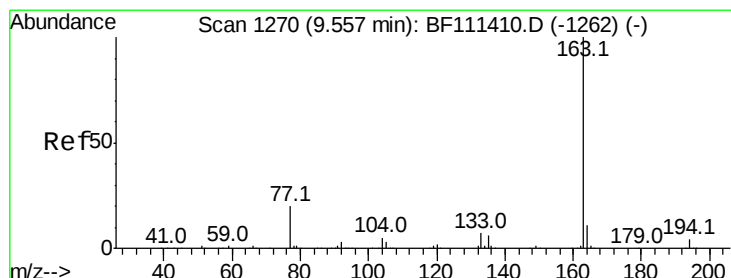
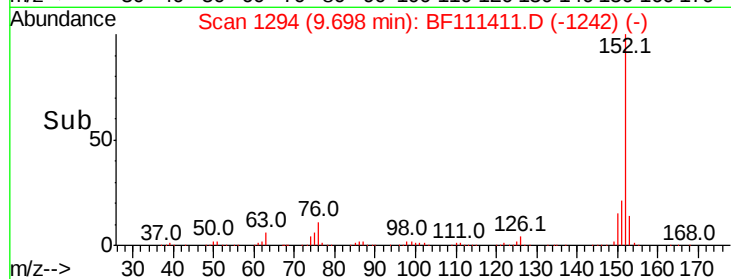
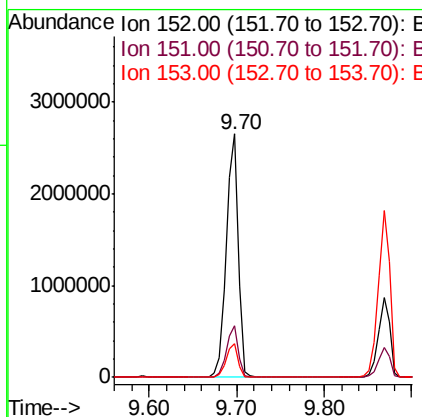
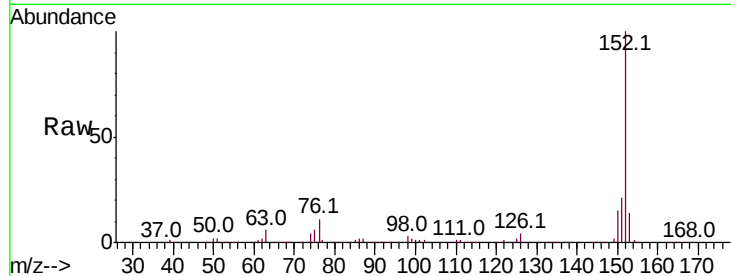
#49
Acenaphthylene
Concen: 47.475 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.4	18.0	27.0
153	14.1	12.3	18.5

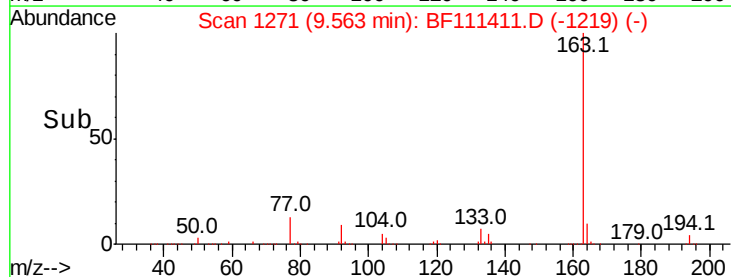
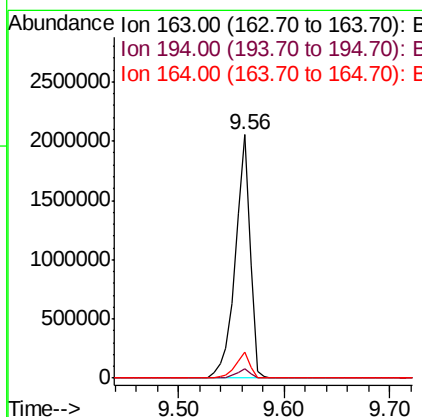
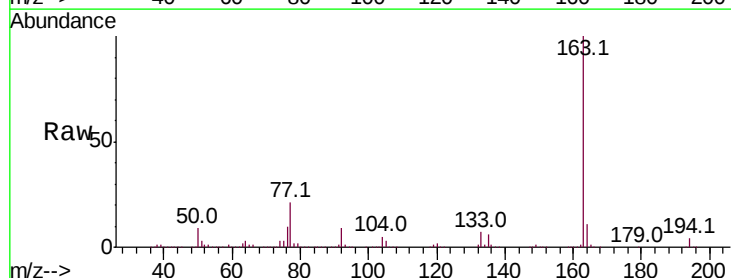
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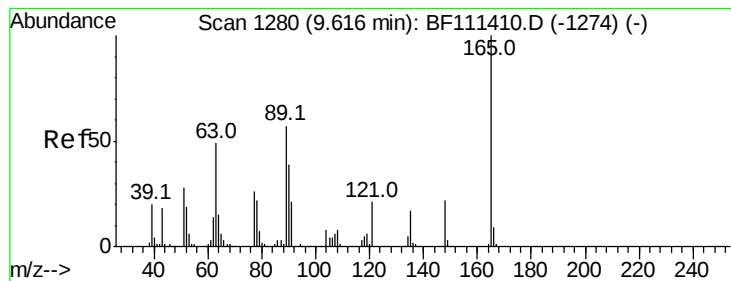
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#50
Dimethylphthalate
Concen: 48.622 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.7	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 52.090 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:165 Resp: 464381

Ion Ratio Lower Upper

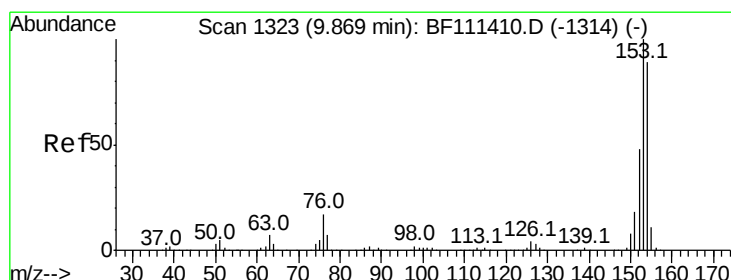
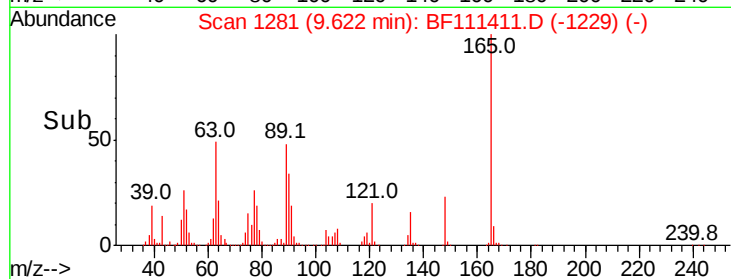
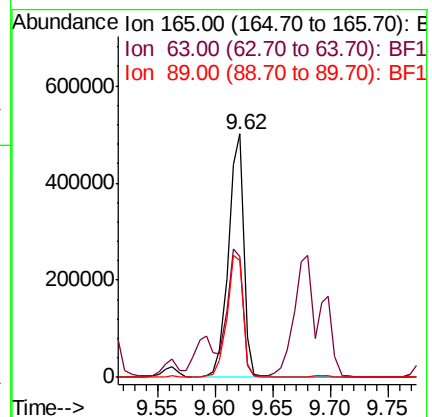
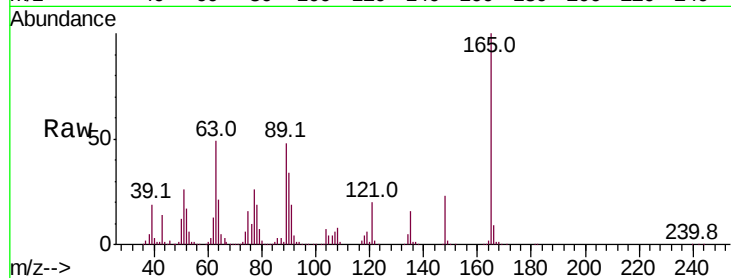
165 100

63 49.4 40.5 60.7

89 48.2 40.0 60.0

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#52

Acenaphthene

Concen: 48.672 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

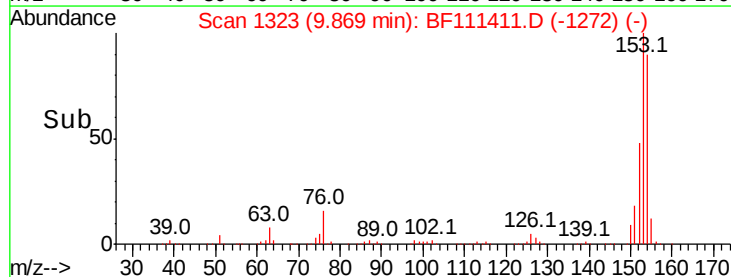
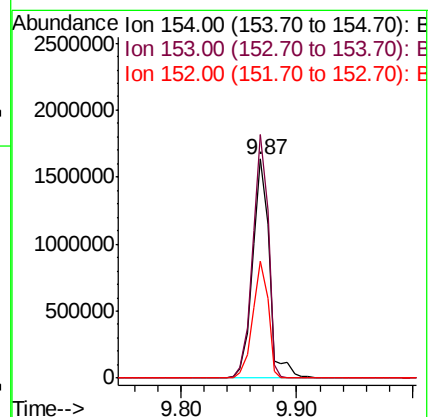
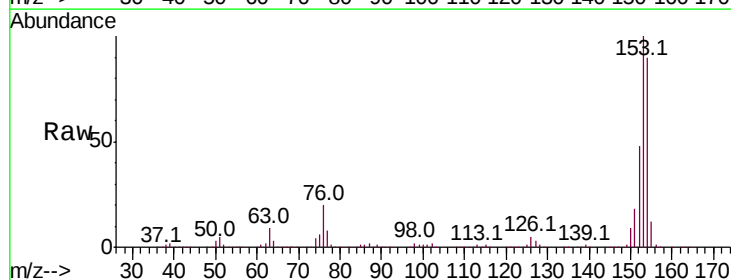
Tgt Ion:154 Resp: 1639096

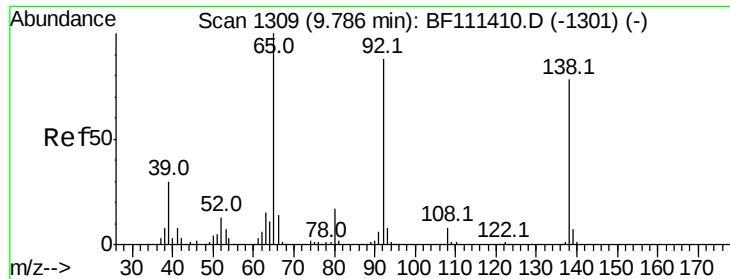
Ion Ratio Lower Upper

154 100

153 111.3 87.8 131.8

152 53.5 43.4 65.2





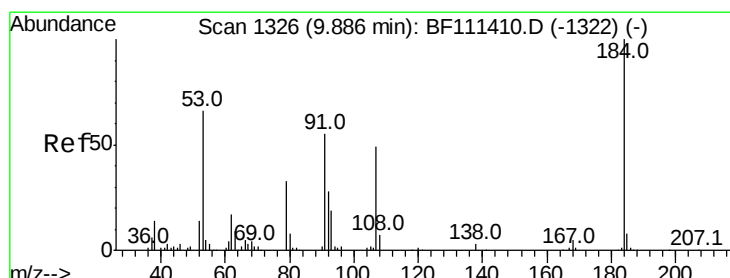
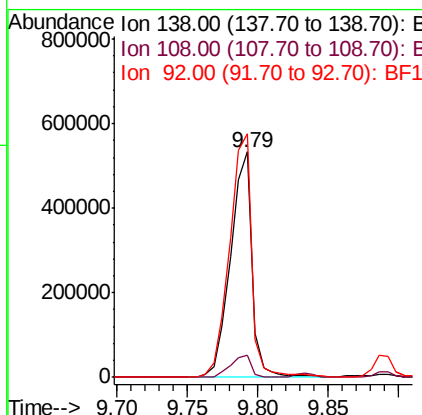
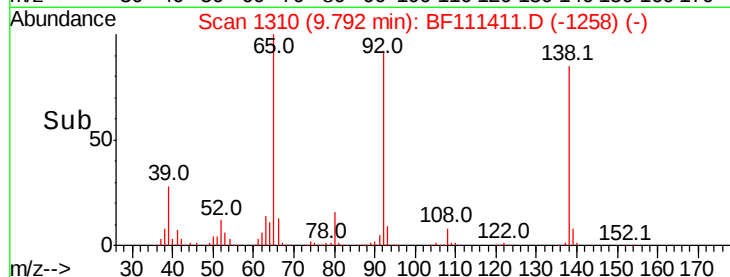
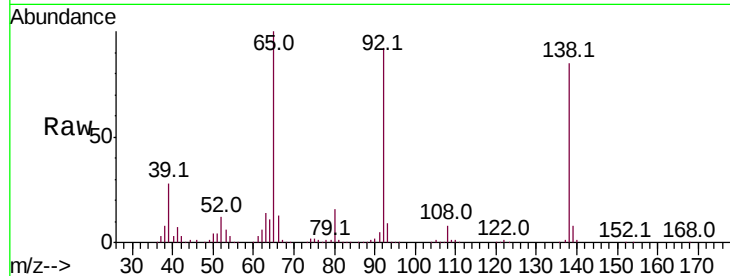
#53
3-Nitroaniline
Concen: 52.749 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
138	100	565233		
108	9.7	8.2	12.4	
92	108.0	93.4	140.2	

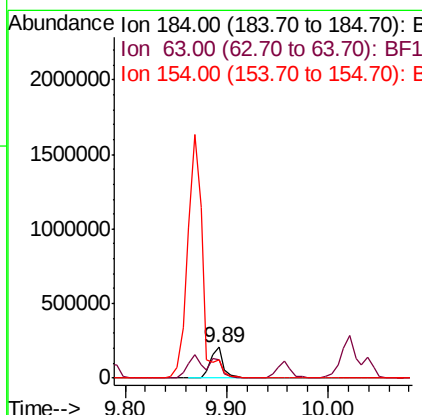
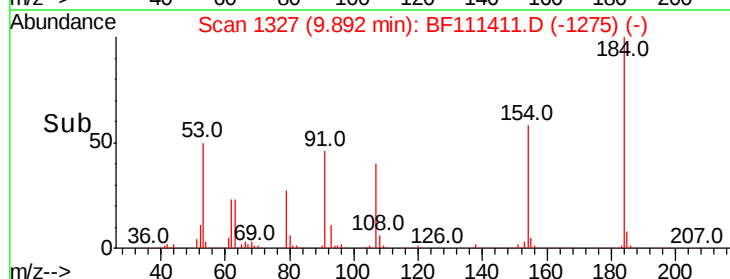
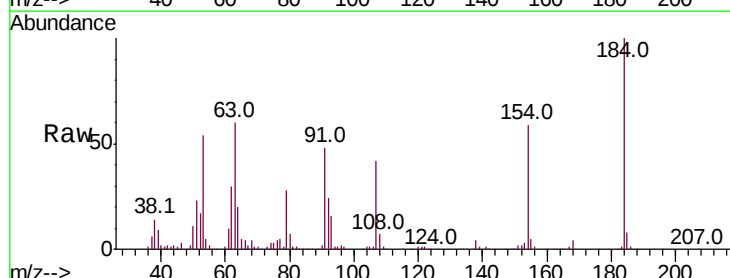
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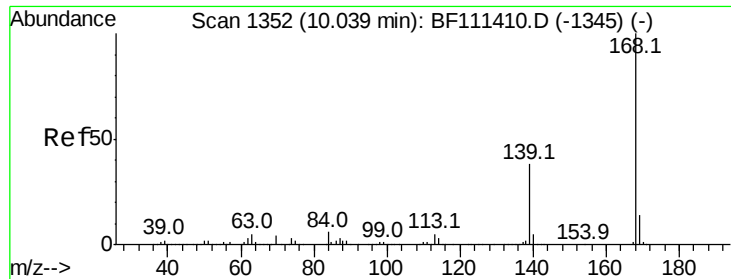
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#54
2,4-Dinitrophenol
Concen: 54.645 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	191126		
63	60.3	62.3	93.5#	
154	58.8	56.2	84.2	





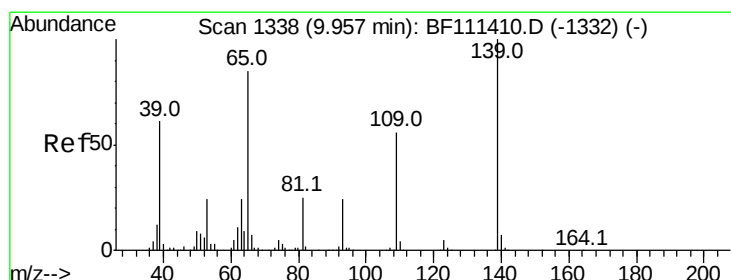
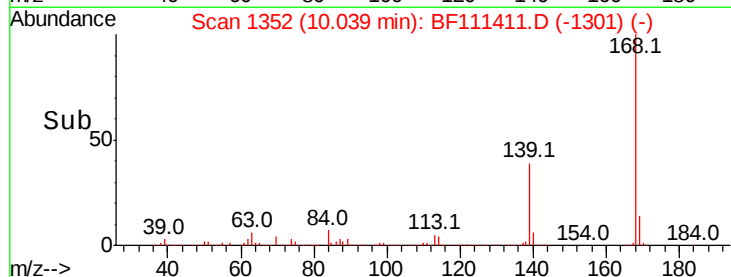
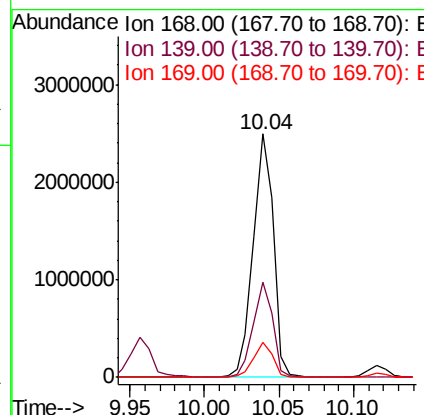
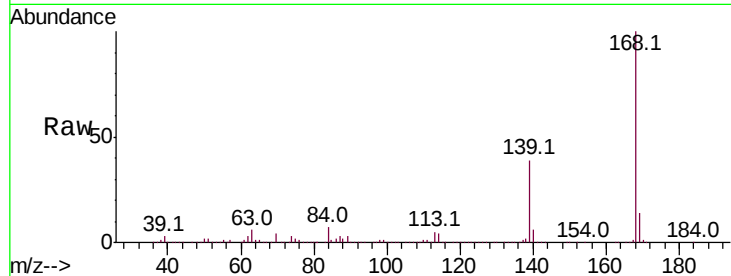
#55
Dibenzofuran
Concen: 48.008 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	32.6	49.0
169	14.4	11.8	17.6

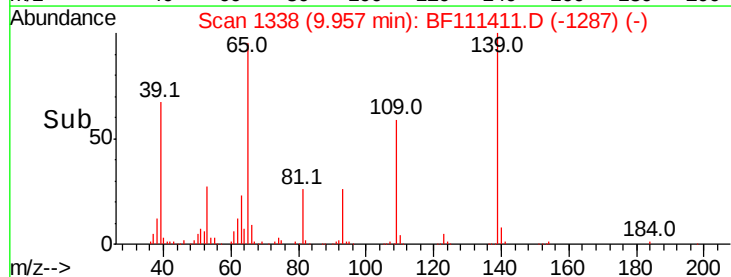
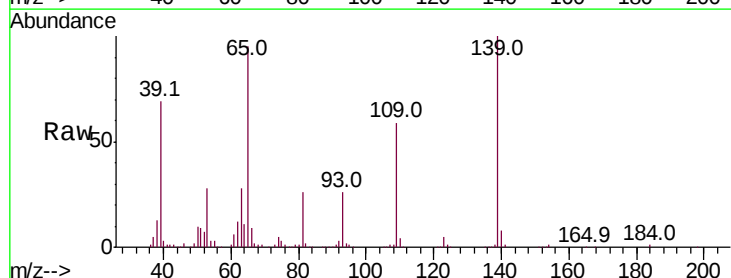
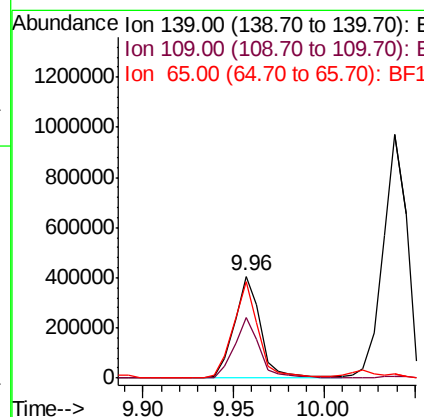
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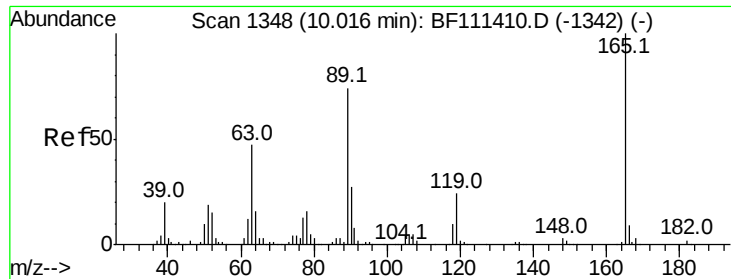
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#56
4-Nitrophenol
Concen: 53.247 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.1	41.8	81.8
65	95.0	79.6	119.6





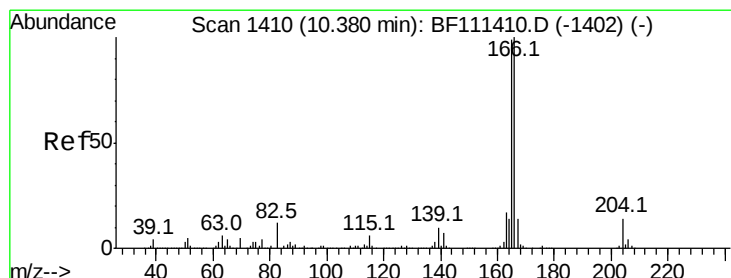
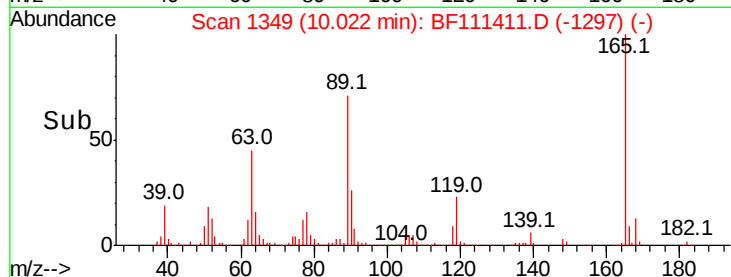
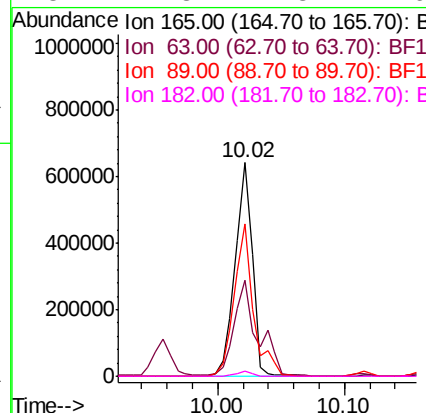
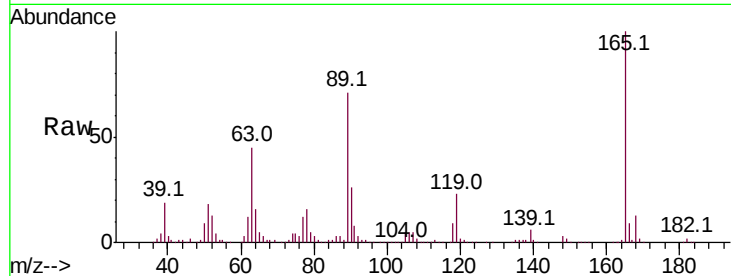
#57
2,4-Dinitrotoluene
Concen: 52.457 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	599357		
63	45.2	34.6	52.0	
89	71.3	56.2	84.4	
182	2.3	1.8	2.6	

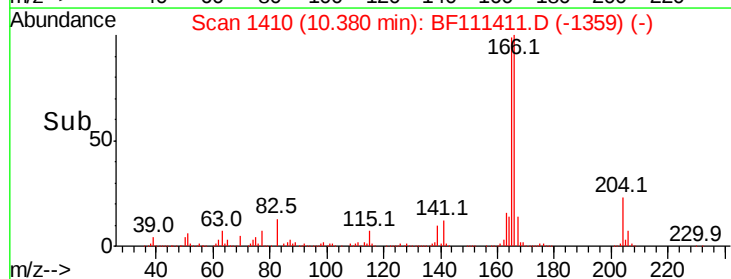
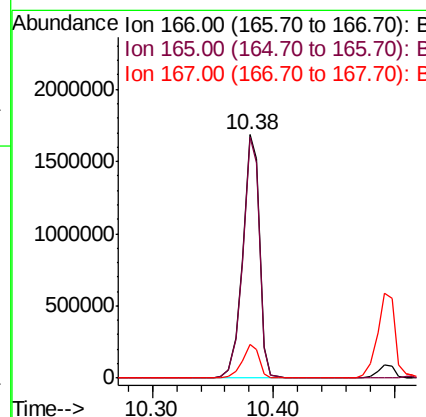
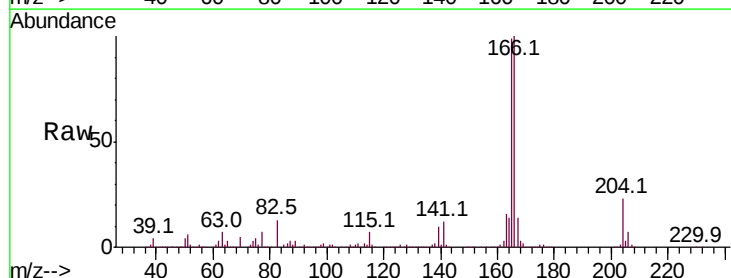
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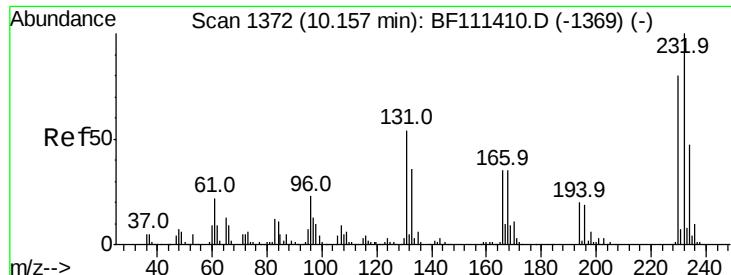
Sohil
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#58
Fluorene
Concen: 47.097 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1637952		
165	99.1	78.4	117.6	
167	13.9	11.2	16.8	





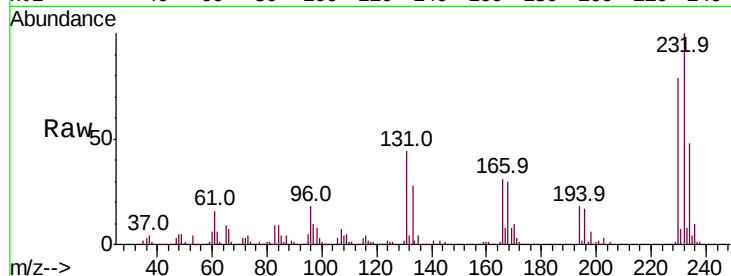
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.005 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.8	40.9	61.3
130	2.1	2.0	3.0
166	32.5	26.8	40.2

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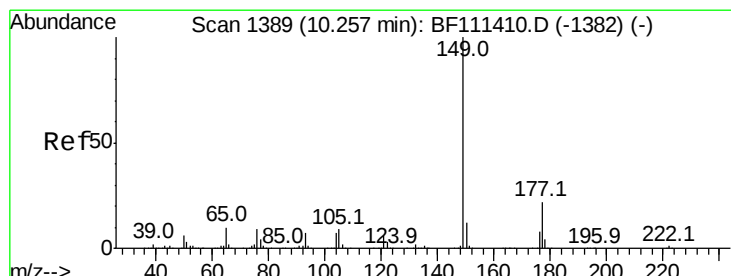
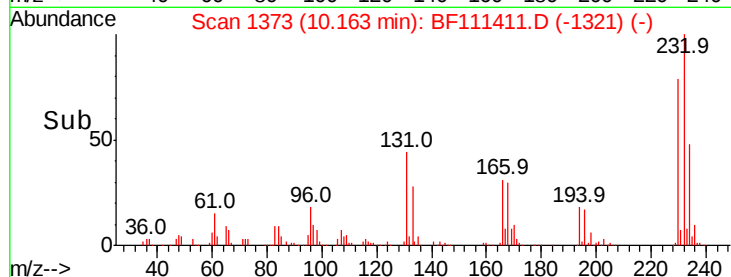
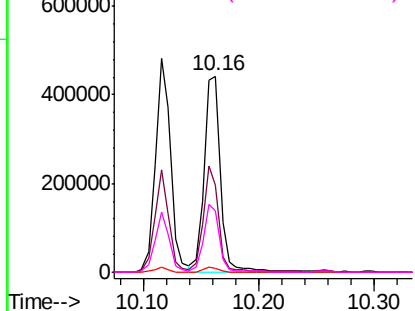
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

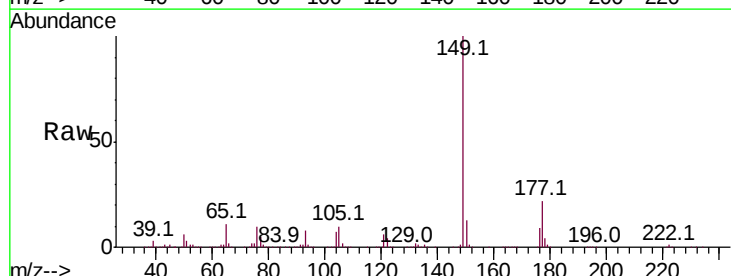
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.306 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.3	27.5
150	13.1	10.6	15.8

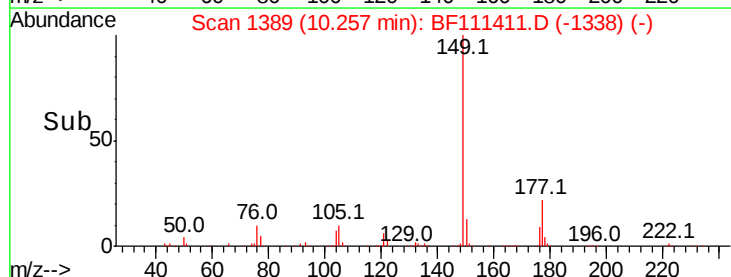
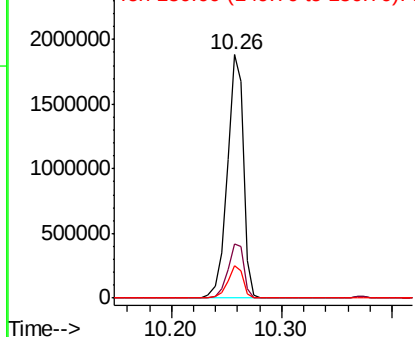


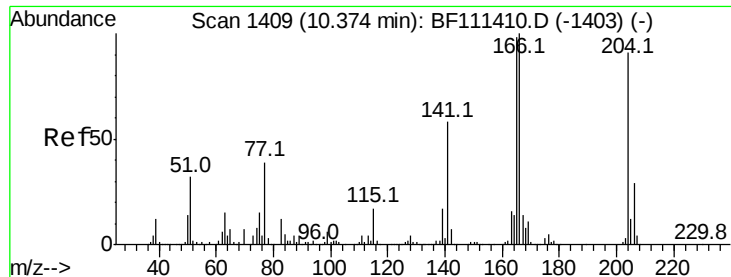
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





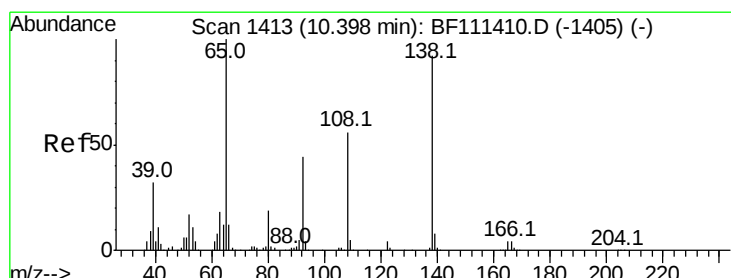
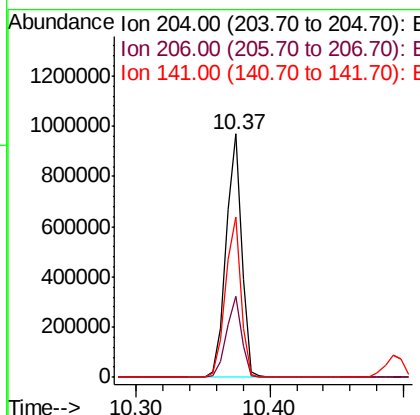
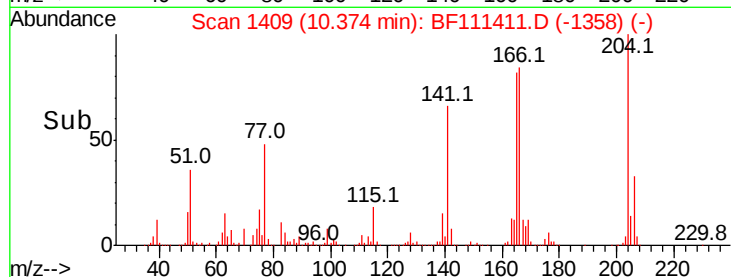
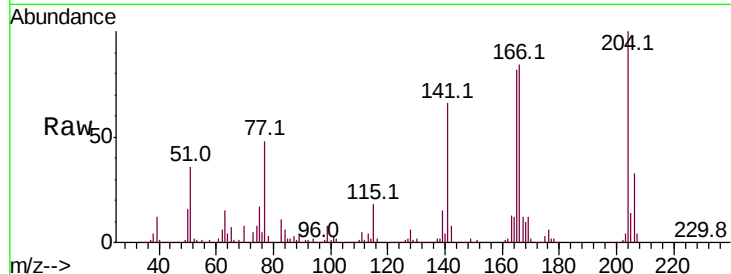
#61
 4-Chlorophenyl-phenylether
 Concen: 46.837 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC050

Tot Ion:	204	Resp:	807513
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.6	39.8
141	65.6	52.6	78.8

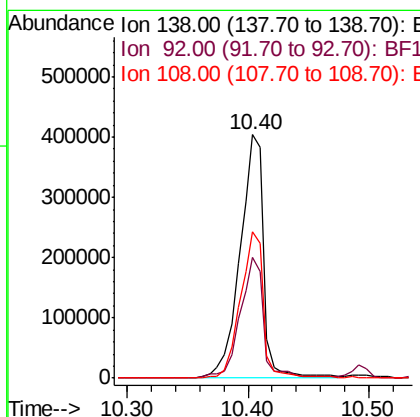
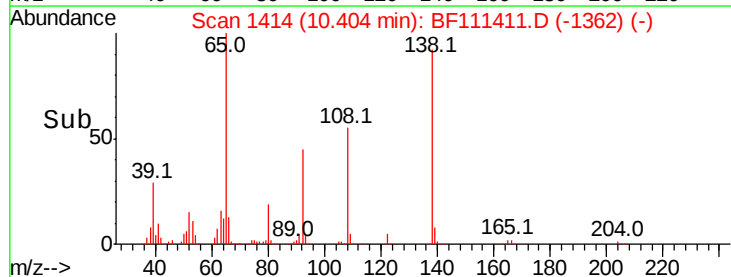
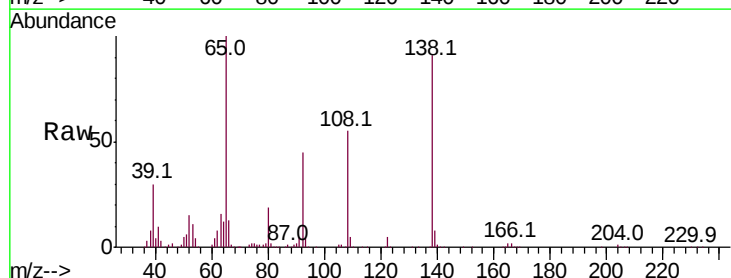
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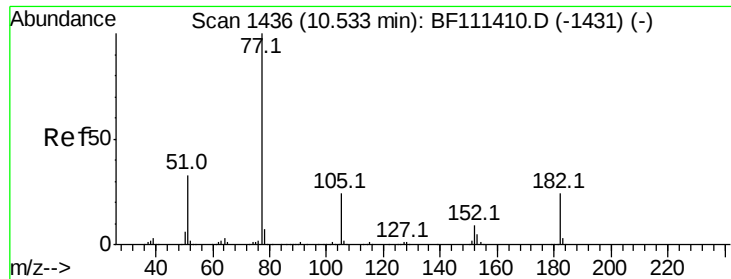
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#62
 4-Nitroaniline
 Concen: 53.714 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Tgt Ion:	138	Resp:	553234
Ion Ratio	Lower	Upper	
138	100		
92	49.5	29.9	69.9
108	60.1	43.2	83.2





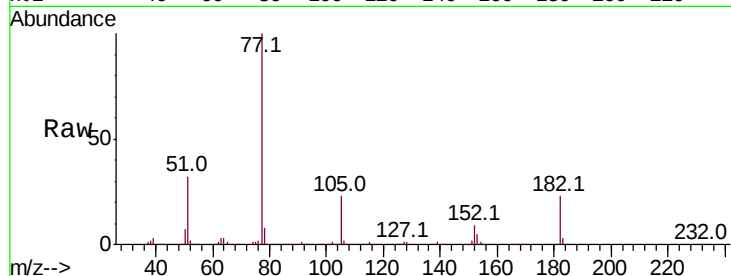
#63
Azobenzene
Concen: 47.534 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

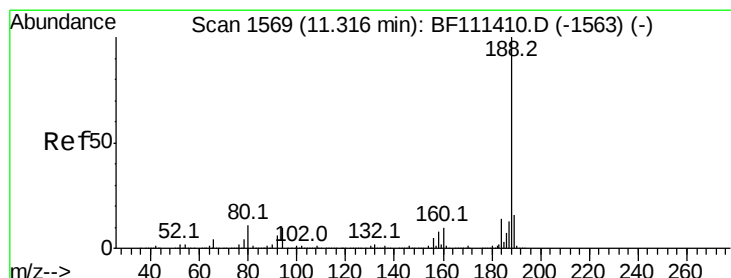
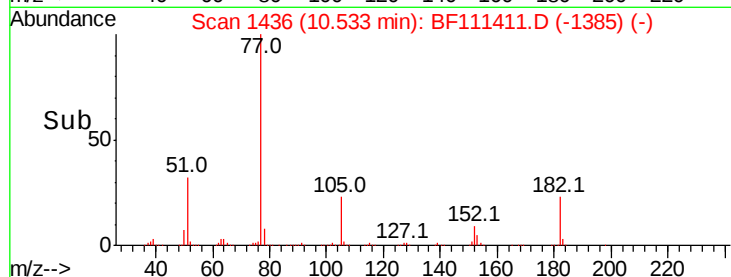
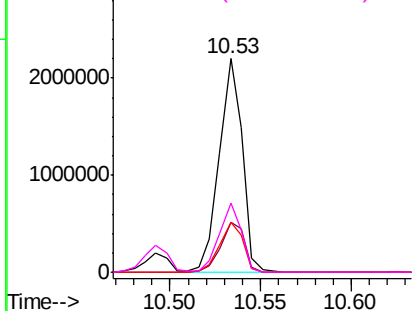
Tot Ion: 77 Resp: 1940542
Ion Ratio Lower Upper
77 100
182 23.3 4.9 44.9
105 23.5 6.0 46.0
51 32.5 14.7 54.7

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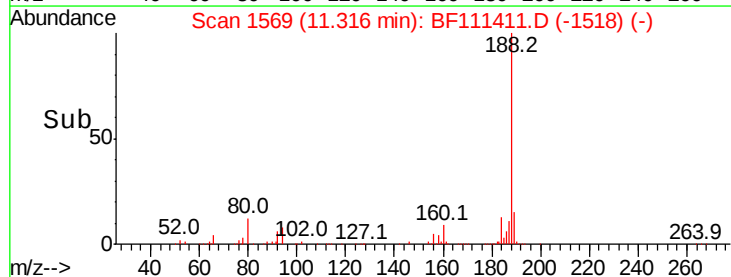
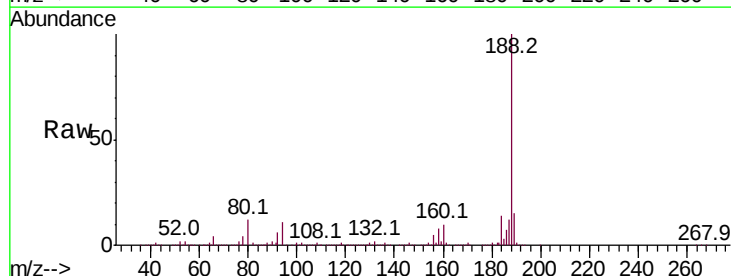
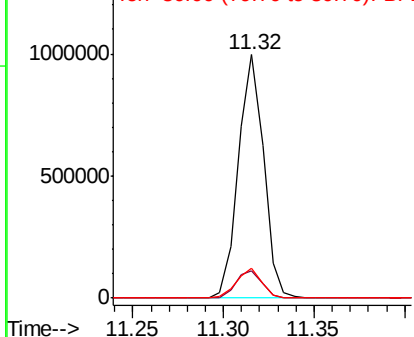
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

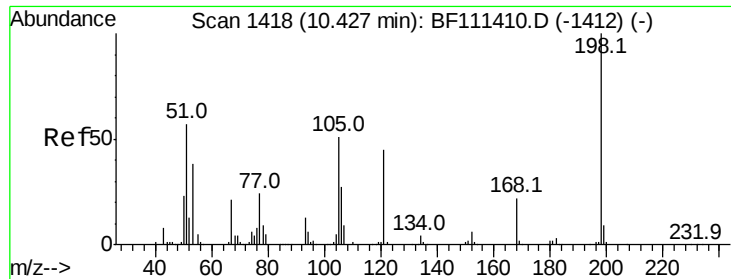


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion: 188 Resp: 971447
Ion Ratio Lower Upper
188 100
94 11.0 9.6 14.4
80 12.1 9.8 14.6

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





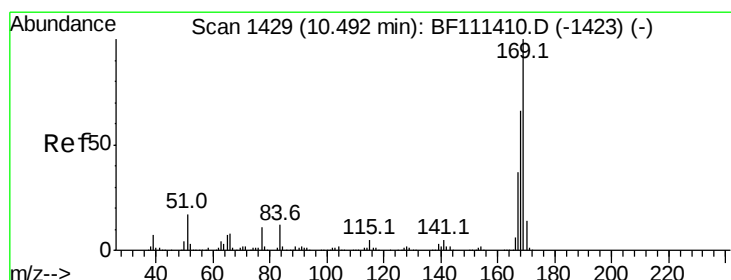
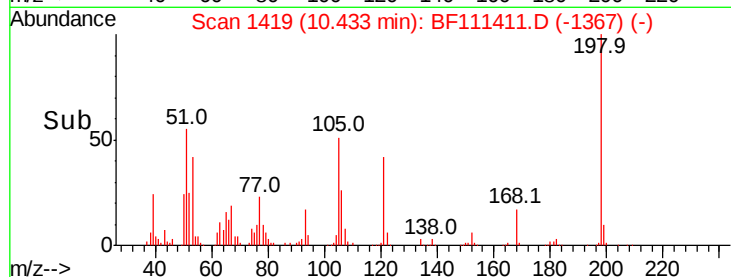
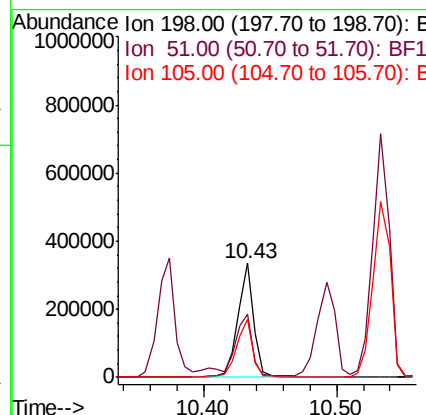
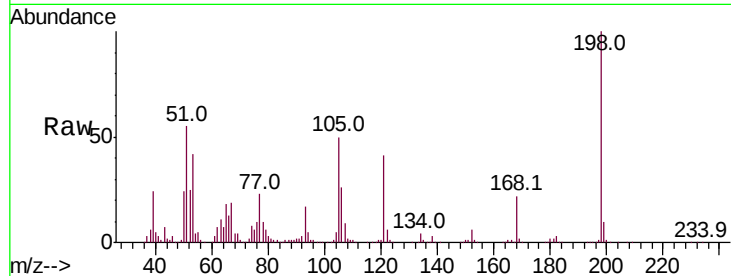
#65
4,6-Dinitro-2-methylphenol
Concen: 51.136 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
198	100	285191		
51	55.0	48.0	88.0	
105	50.4	34.0	74.0	

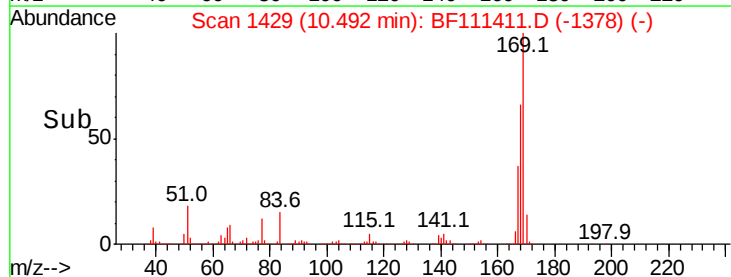
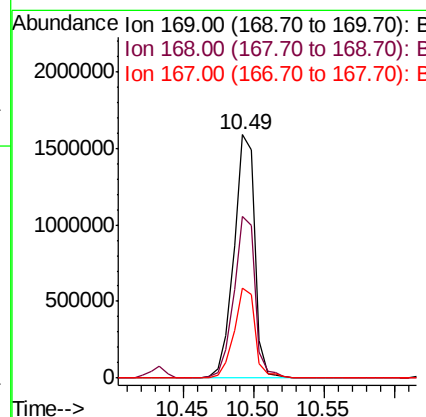
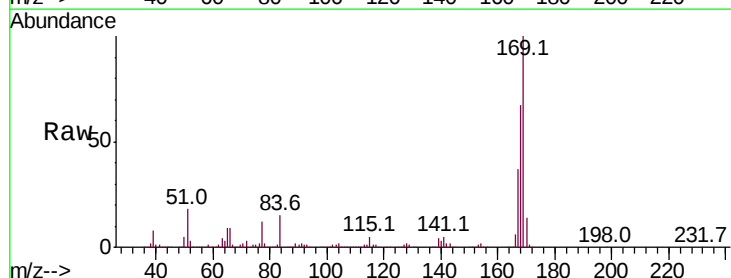
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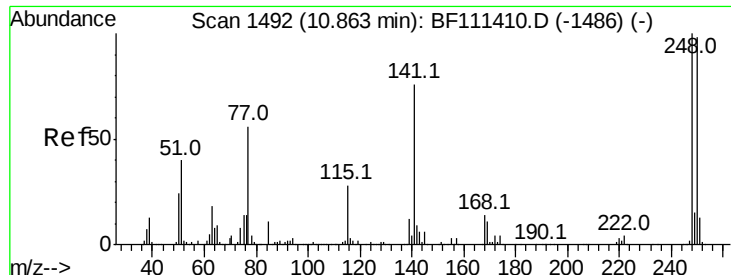
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#66
n-Nitrosodiphenylamine
Concen: 47.086 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1627120		
168	66.5	54.4	81.6	
167	36.8	30.5	45.7	





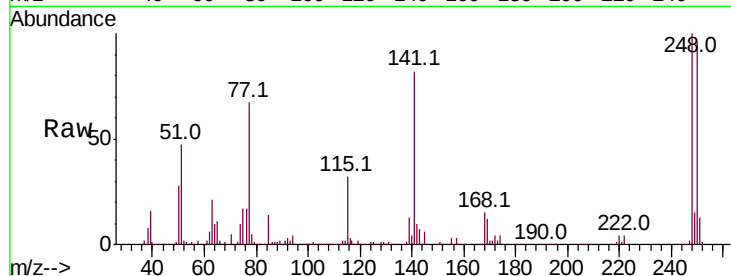
#67
4-Bromophenyl-phenylether
Concen: 47.647 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

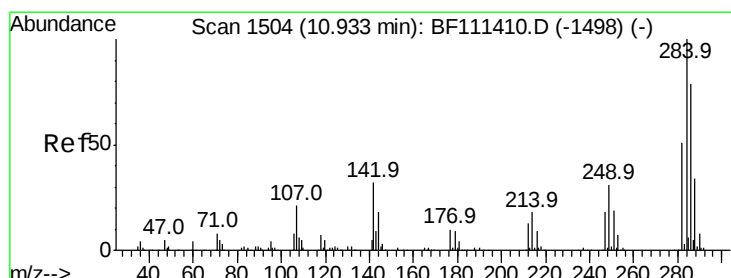
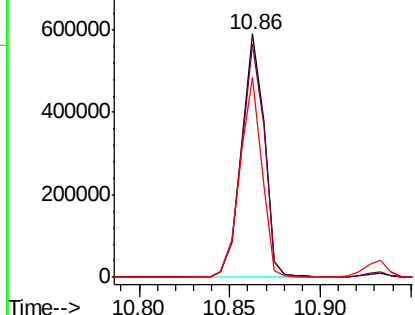
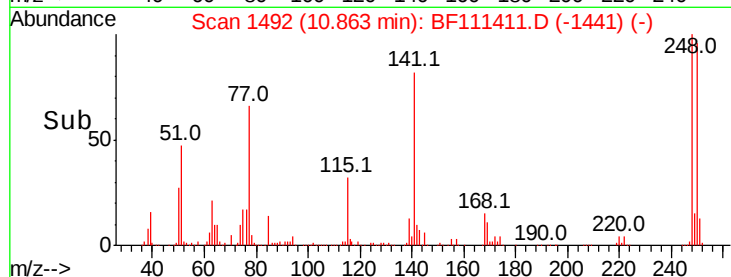
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.0	115.4
141	82.2	63.0	94.6

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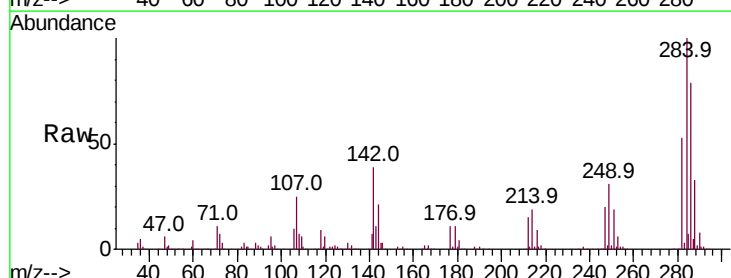


Abundance Ion 248.00 (247.70 to 248.70): E
800000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

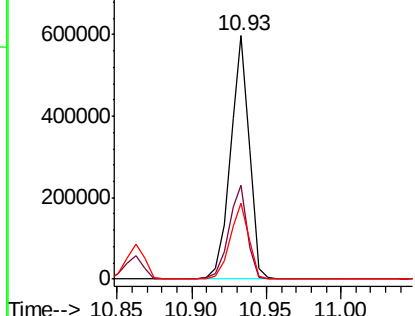
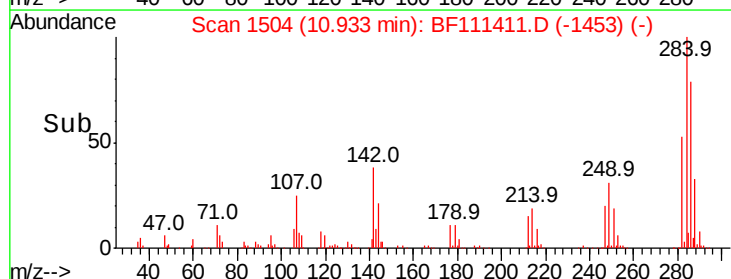


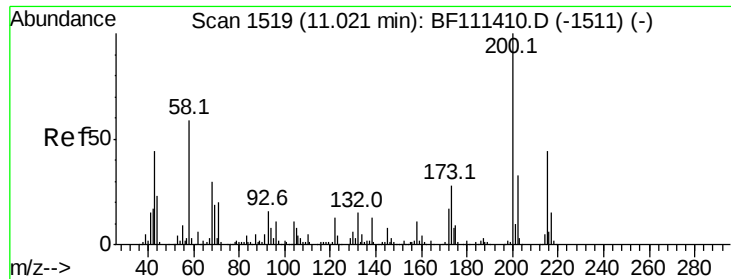
#68
Hexachlorobenzene
Concen: 47.648 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.7	27.4	41.2
249	31.2	24.4	36.6



Abundance Ion 283.80 (283.50 to 284.50): E
800000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





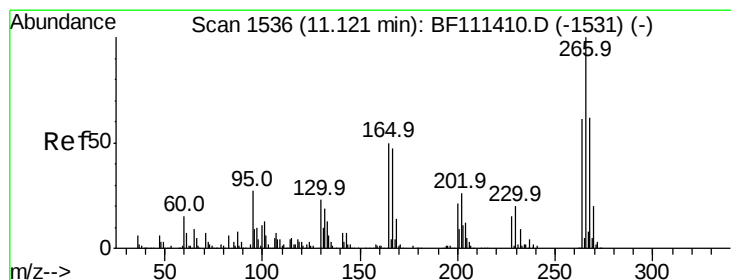
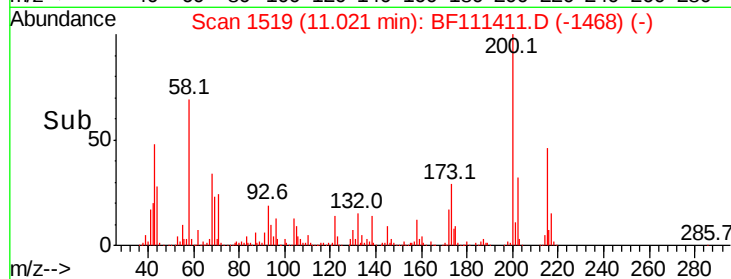
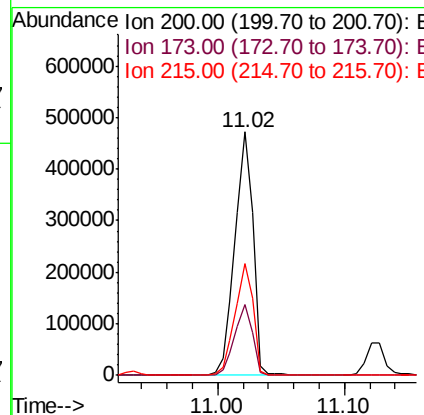
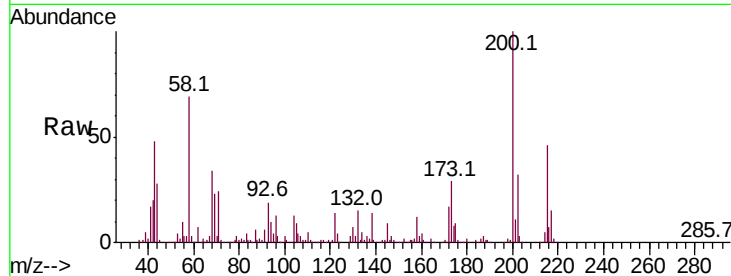
#69
Atrazine
Concen: 46.821 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	10.1	50.1
215	46.0	26.9	66.9

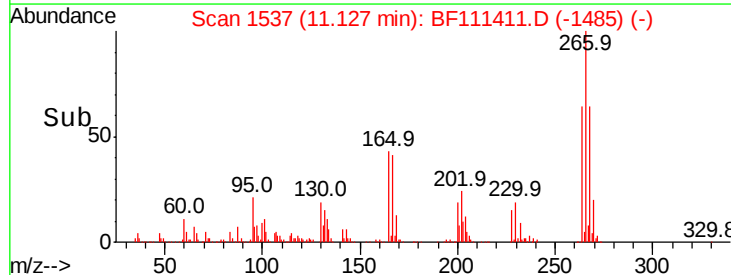
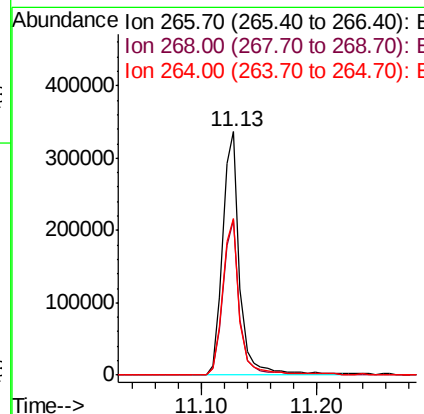
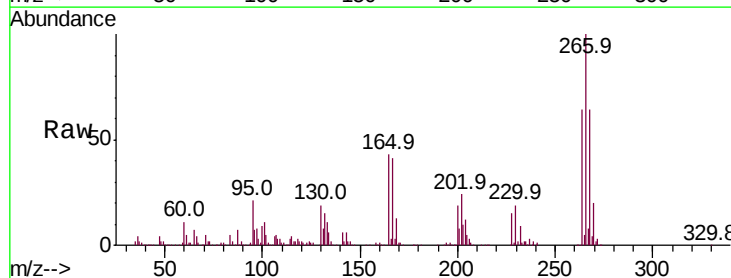
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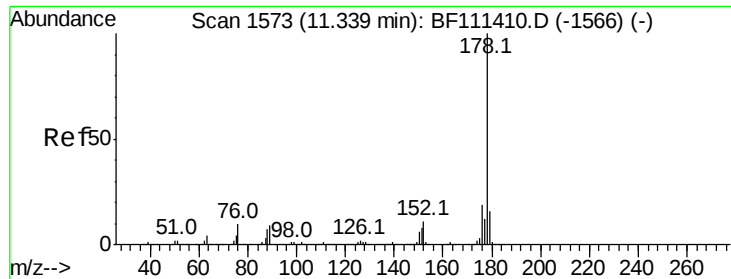
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#70
Pentachlorophenol
Concen: 46.660 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	47.9	71.9
264	64.1	49.1	73.7





#71

Phenanthrene

Concen: 47.257 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:178 Resp: 2372867

Ion Ratio Lower Upper

178 100

176 19.9 18.1 27.1

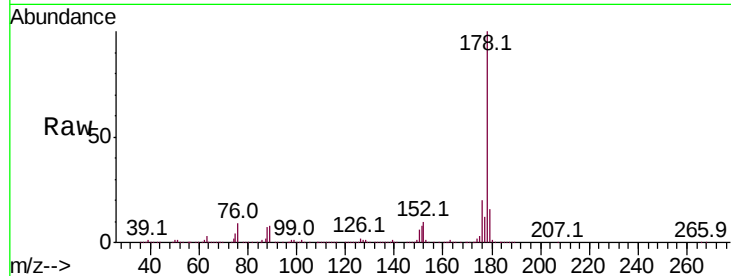
179 15.9 14.0 21.0

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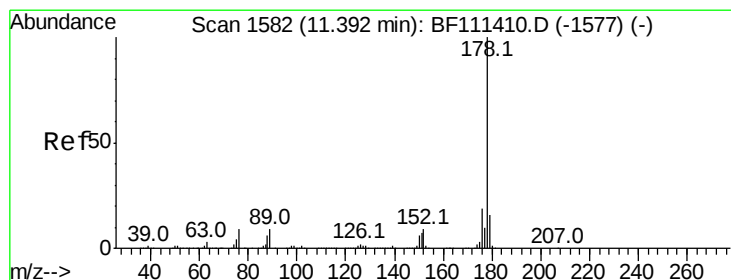
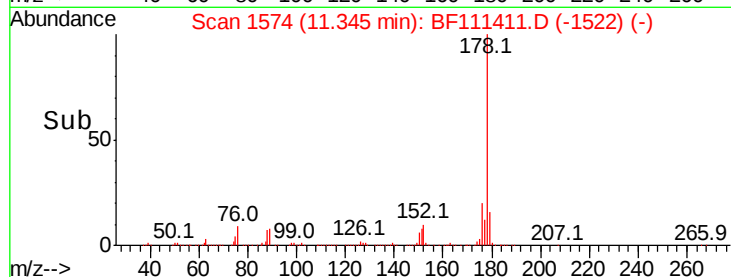
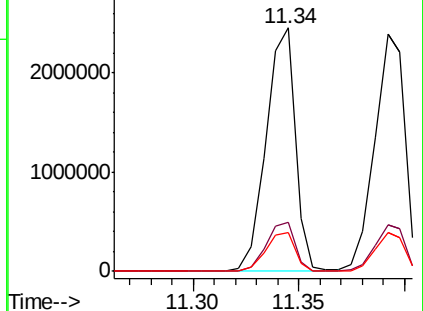
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.631 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Tgt Ion:178 Resp: 2435259

Ion Ratio Lower Upper

178 100

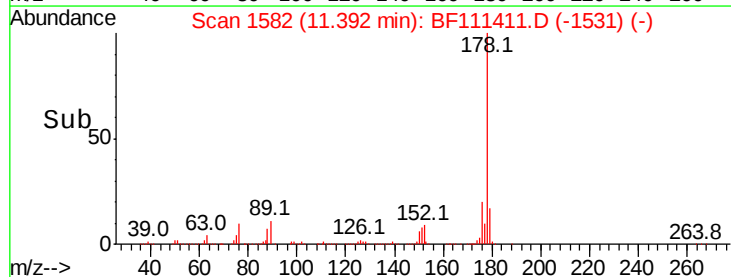
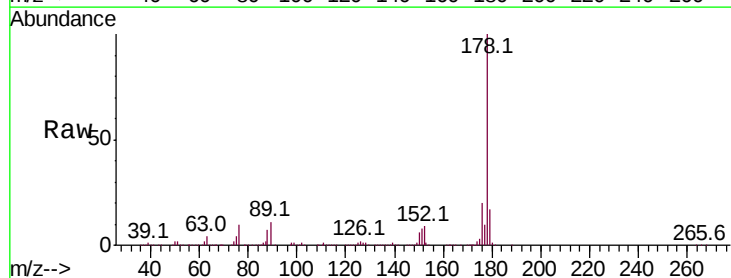
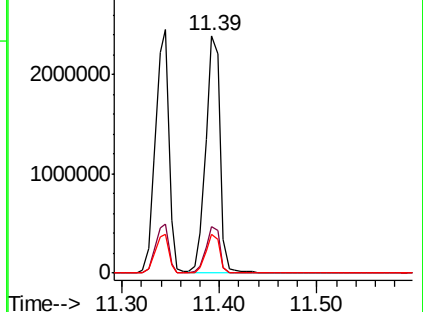
176 19.6 17.2 25.8

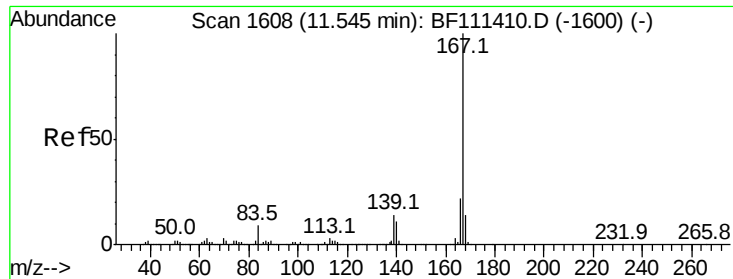
179 16.6 13.8 20.8

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





#73
 Carbazole
 Concen: 48.245 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

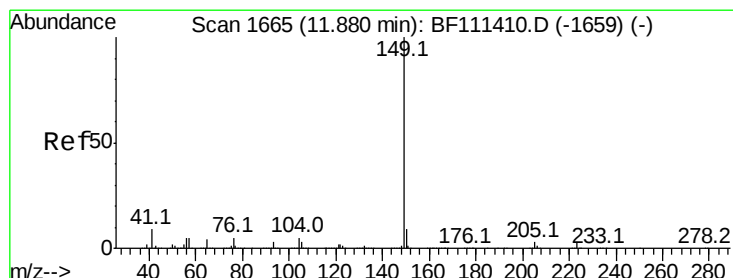
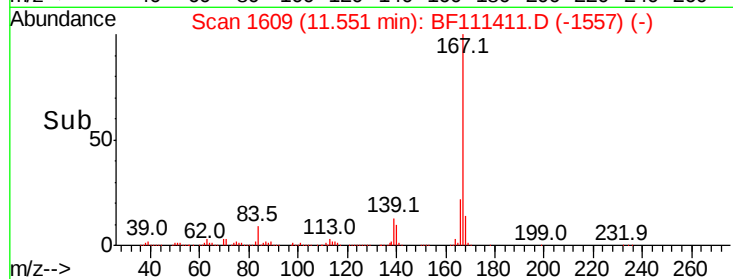
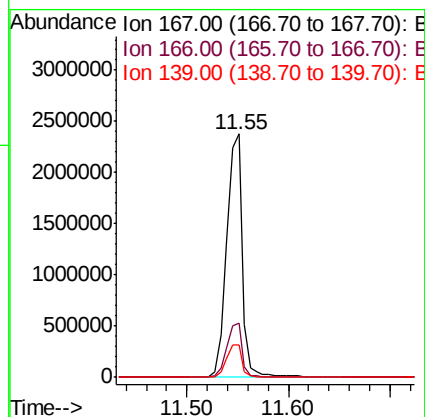
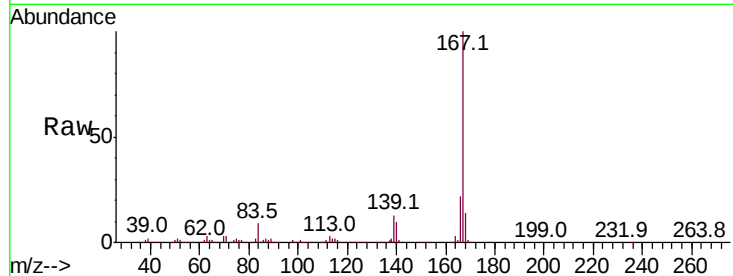
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:167 Resp: 2550493

Ion	Ratio	Lower	Upper
167	100		
166	22.0	19.3	28.9
139	13.2	11.9	17.9

Manual Integrations
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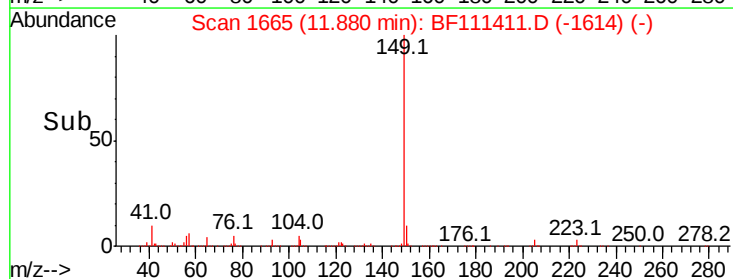
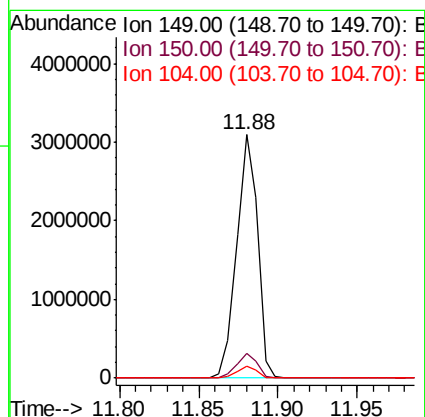
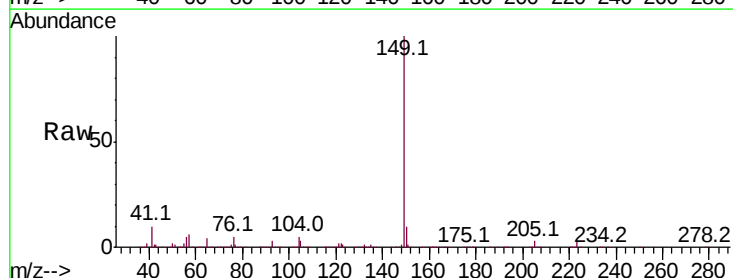
Sohil
 12/17/2018 2:36:11 PM

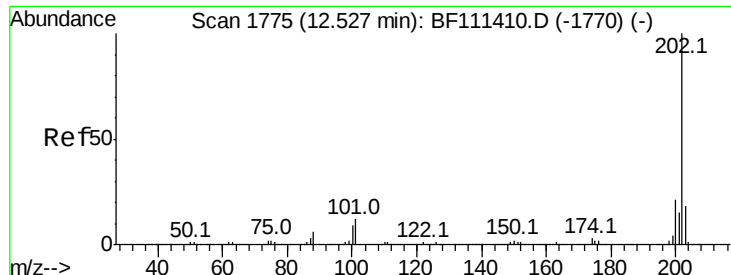


#74
 Di-n-butylphthalate
 Concen: 47.058 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Tgt Ion:149 Resp: 2832582

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.8	13.2
104	5.1	4.5	6.7





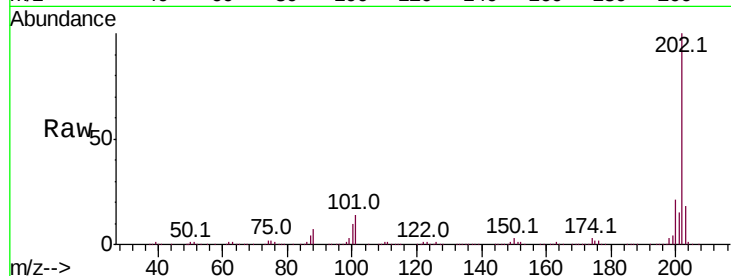
#75
 Fluoranthene
 Concen: 42.546 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2085552		
101	14.1	0.0	33.8	
203	18.4	0.0	38.6	

Manual Integrations
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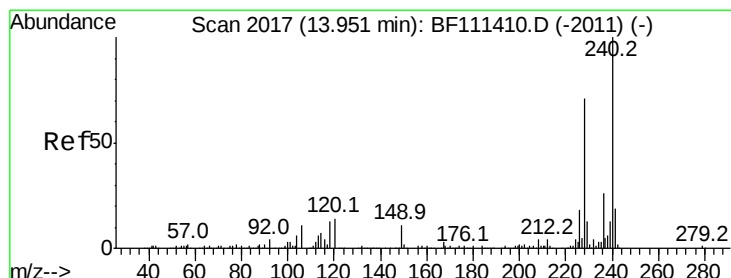
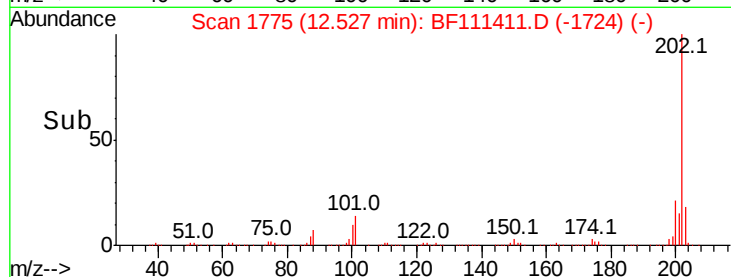
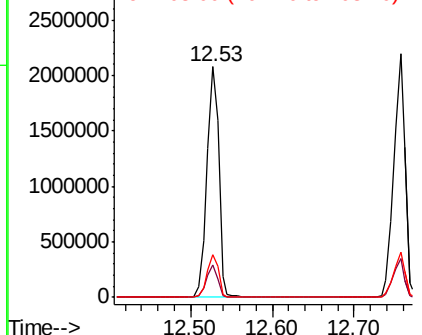


Abundance

Ion 202.00 (201.70 to 202.70): E

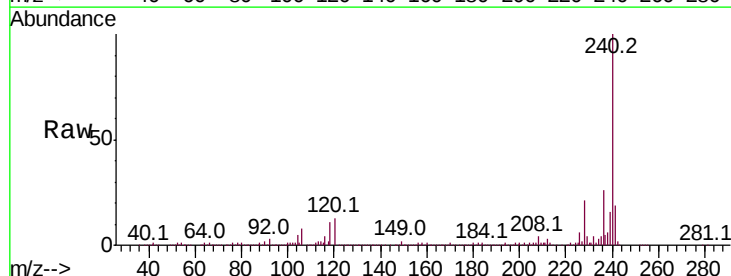
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	610328		
120	12.7	12.2	18.2	
236	26.0	20.2	30.2	

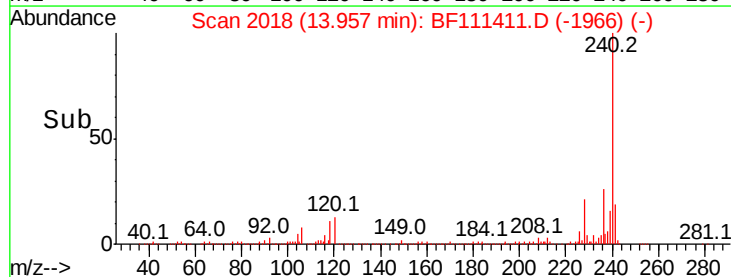
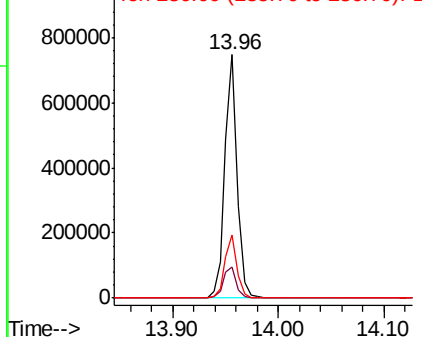


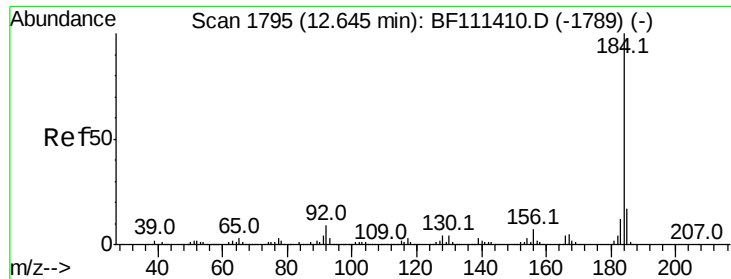
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





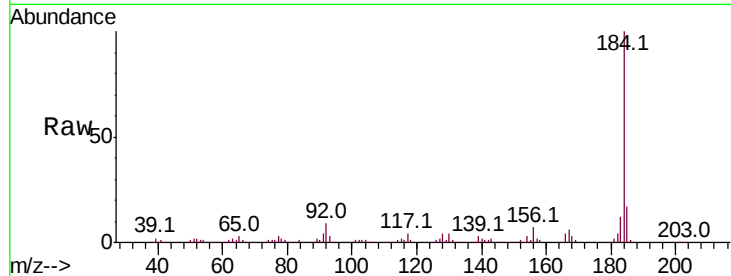
#77
Benzidine
Concen: 85.174 ng
RT: 12.64 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

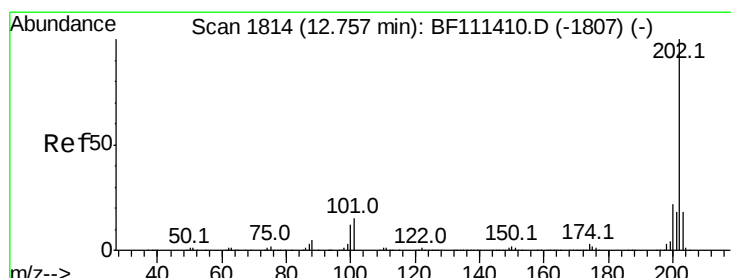
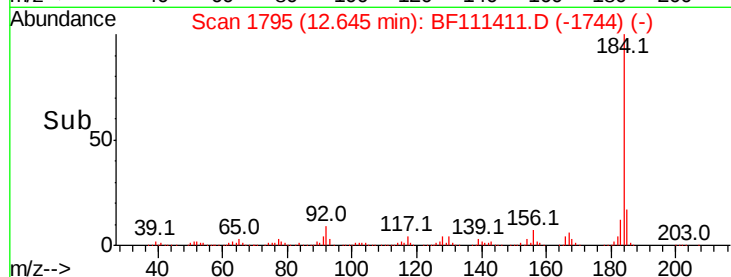
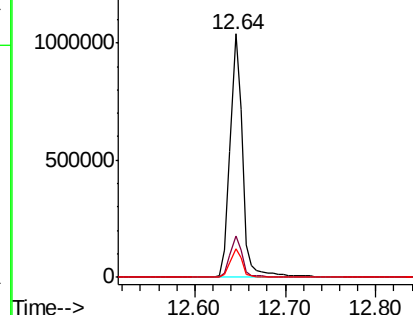
Tot Ion:	184	Resp:	981019
Ion Ratio	Lower	Upper	
184	100		
185	16.9	13.0	19.6
183	11.5	9.3	13.9

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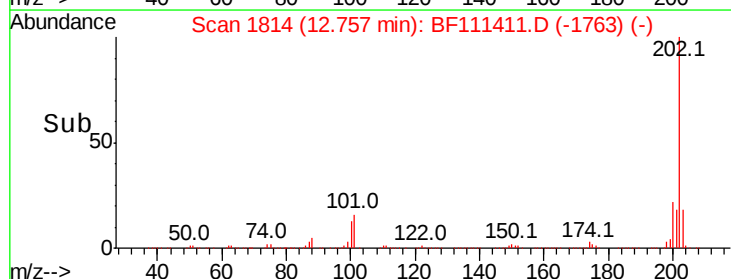
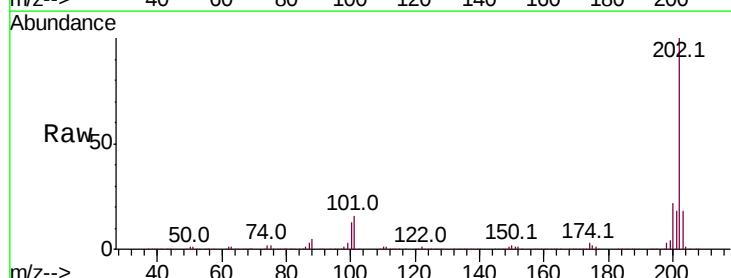
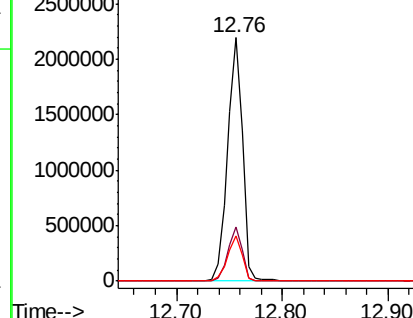
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

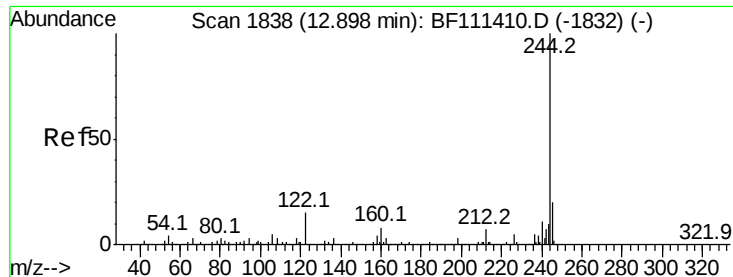


#78
Pyrene
Concen: 45.995 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:	202	Resp:	2166499
Ion Ratio	Lower	Upper	
202	100		
200	22.1	19.0	28.4
203	18.4	15.2	22.8

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





#79

Terphenyl-d14

Concen: 90.426 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:244 Resp: 2507533

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

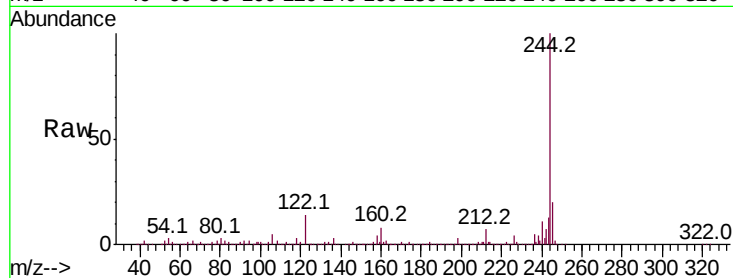
122 13.8 13.1 19.7

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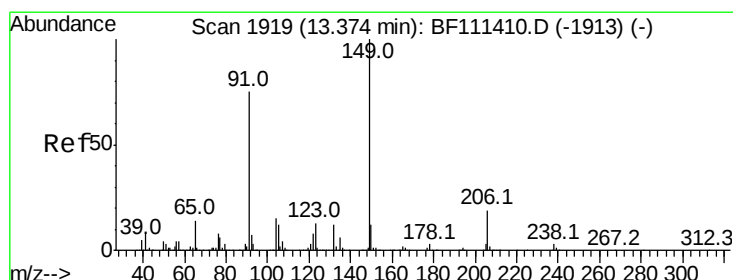
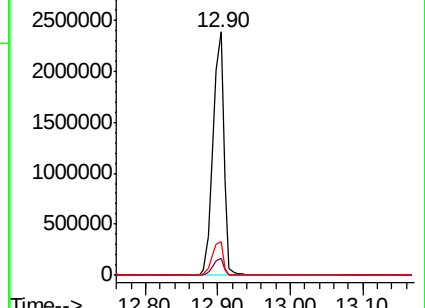
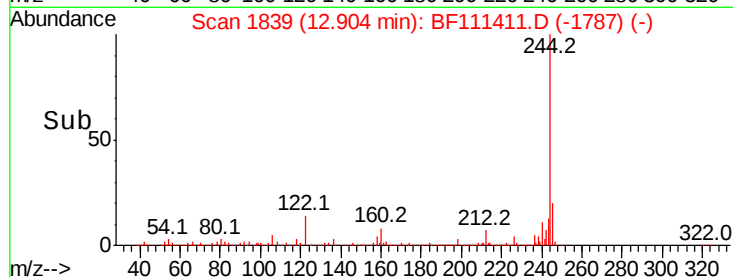
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.242 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

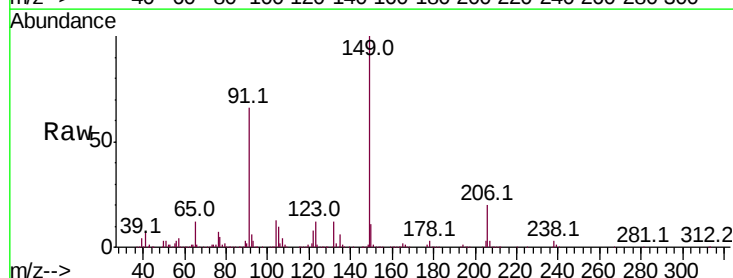
Tgt Ion:149 Resp: 1045804

Ion Ratio Lower Upper

149 100

91 66.4 63.8 95.6

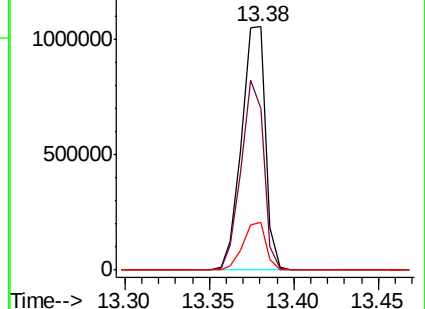
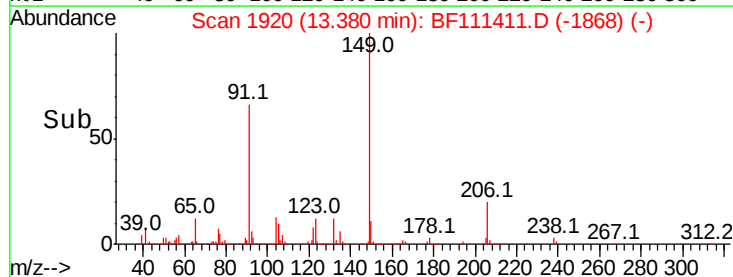
206 19.6 15.1 22.7

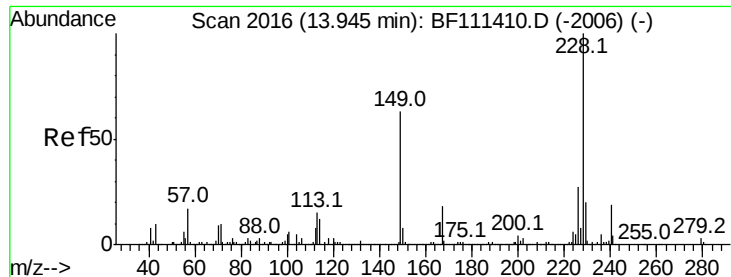


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.561 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:228 Resp: 1589991

Ion Ratio Lower Upper

228 100

226 27.2 22.6 34.0

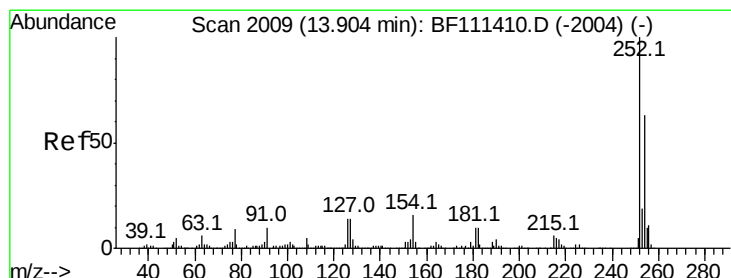
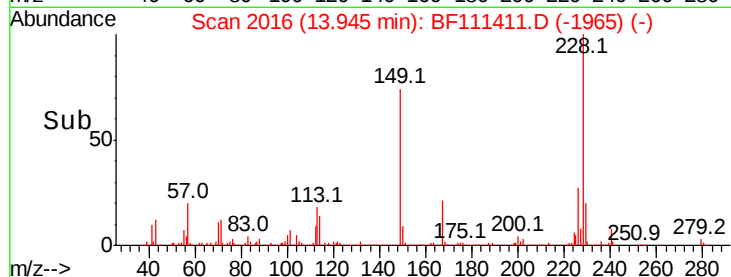
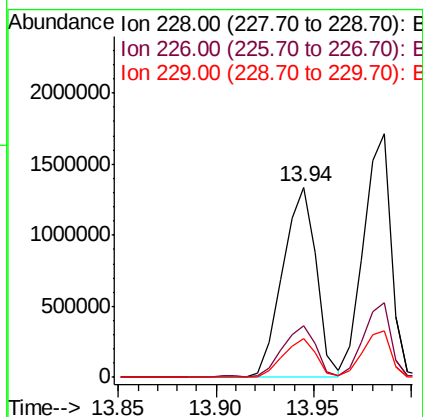
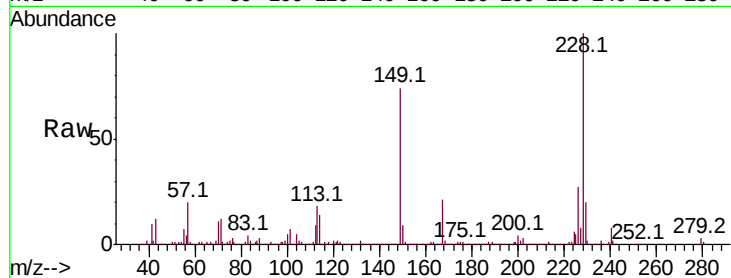
229 20.3 16.3 24.5

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#82

3,3'-Dichlorobenzidine

Concen: 49.660 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

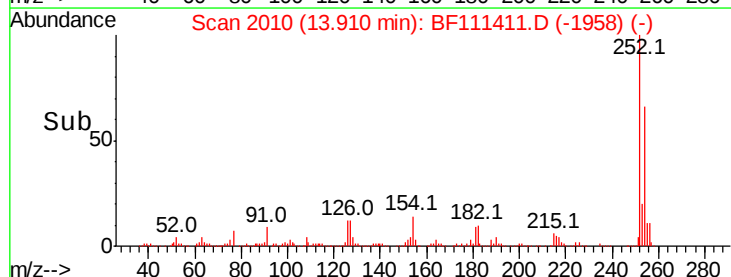
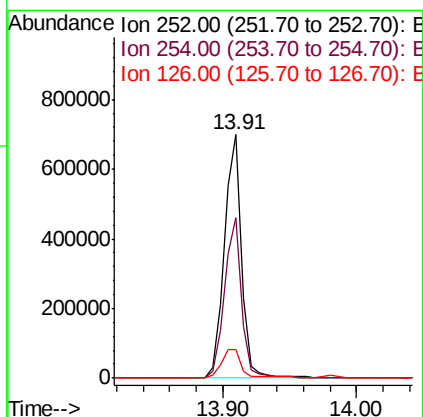
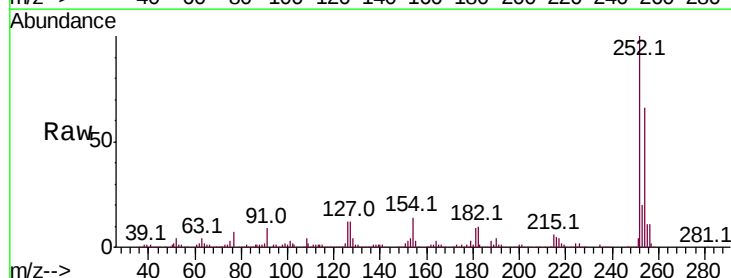
Tgt Ion:252 Resp: 641360

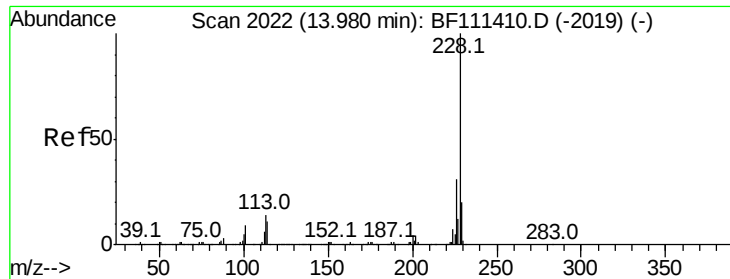
Ion Ratio Lower Upper

252 100

254 65.9 52.7 79.1

126 11.8 11.1 16.7





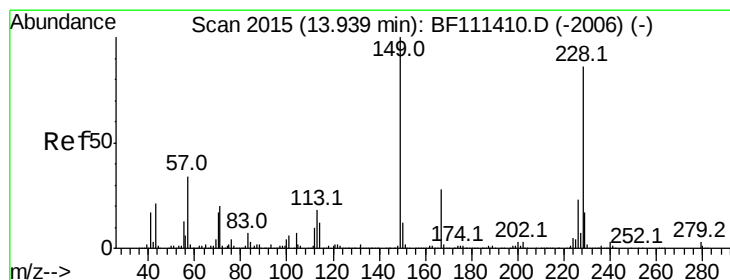
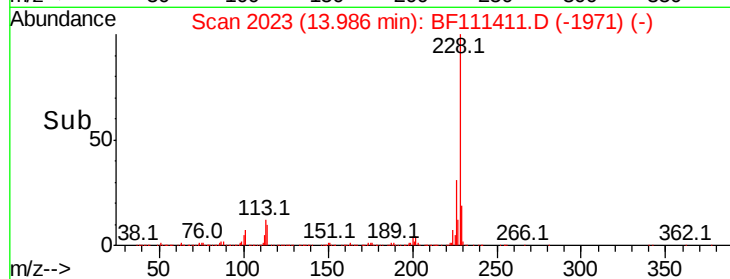
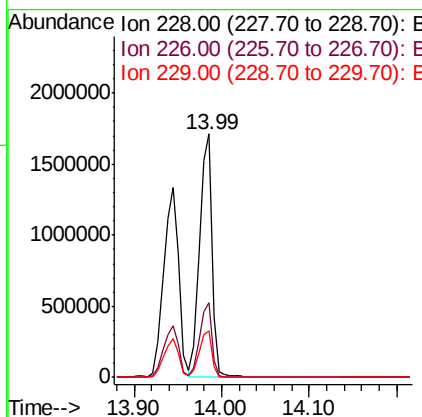
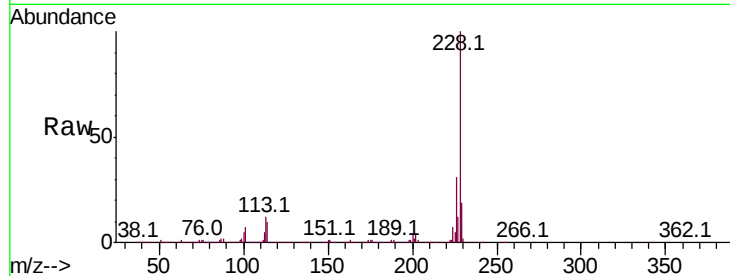
#83
 Chrysene
 Concen: 48.966 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.3	37.9
229	19.3	17.2	25.8

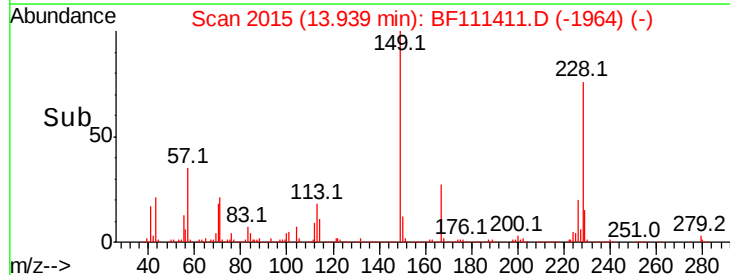
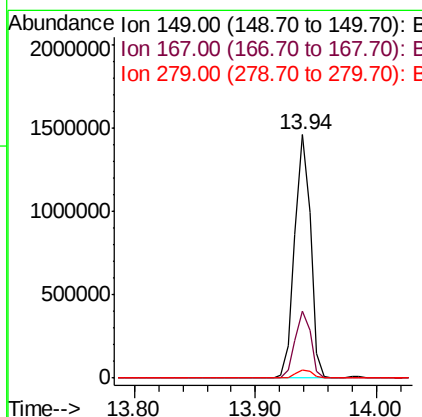
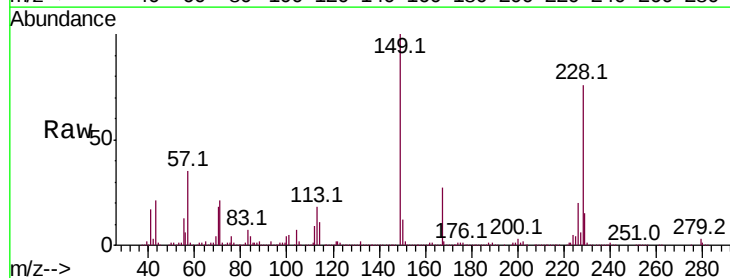
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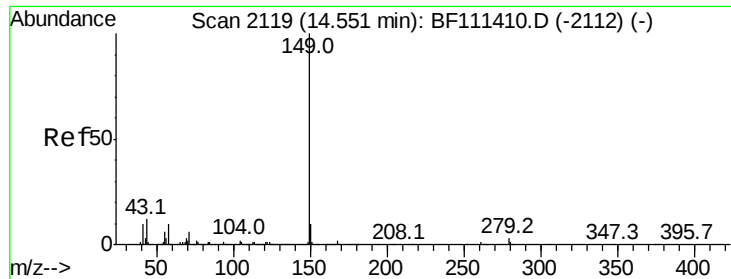
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.309 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF111411.D
 Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.5	33.7
279	3.3	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 48.878 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 2218964

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

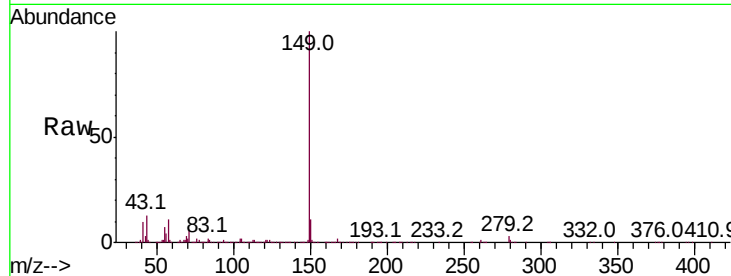
43 13.1 10.9 16.3

Manual Integrations

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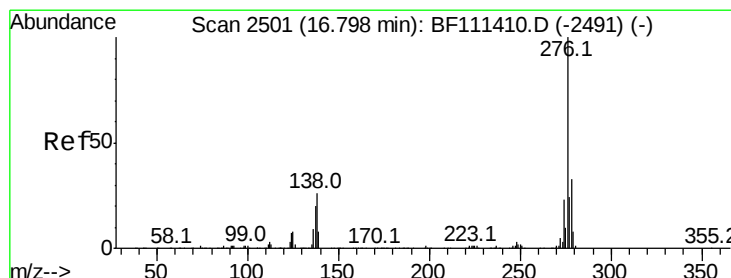
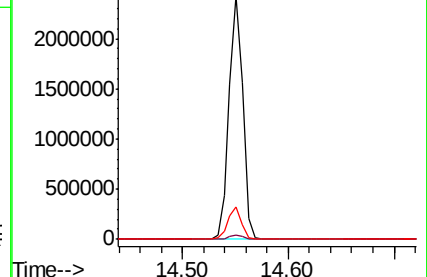
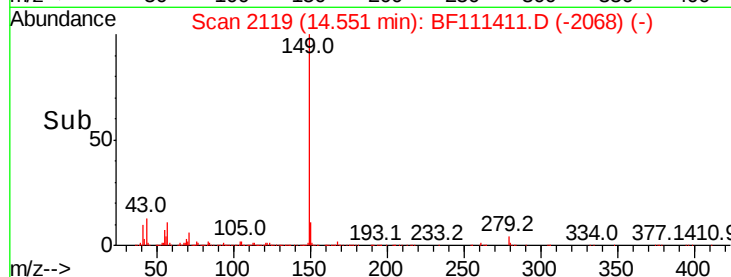
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 45.958 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111411.D

Acq: 14 Dec 2018 11:34

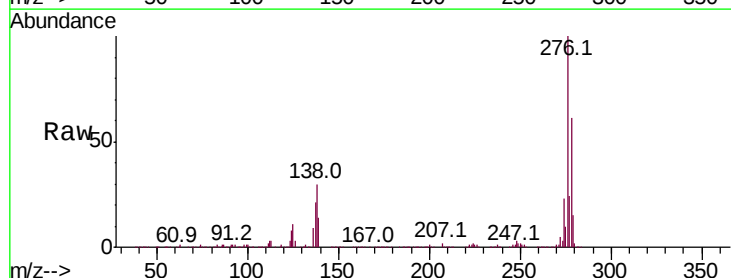
Tgt Ion:276 Resp: 1252320

Ion Ratio Lower Upper

276 100

138 32.0 27.8 41.6

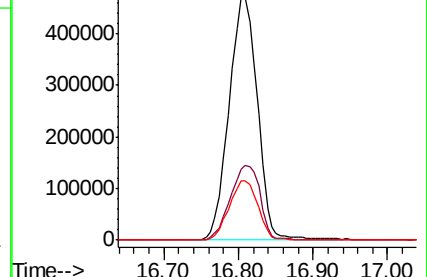
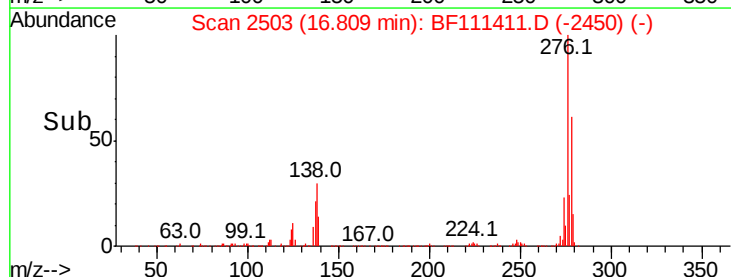
277 24.8 20.1 30.1

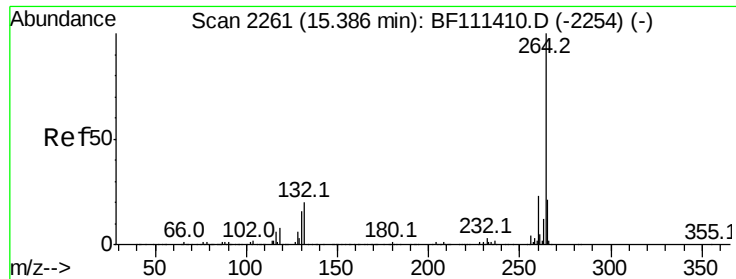


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





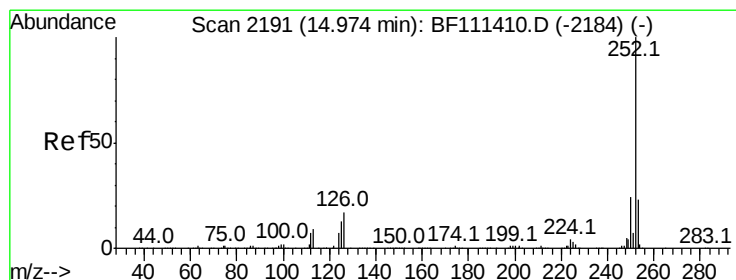
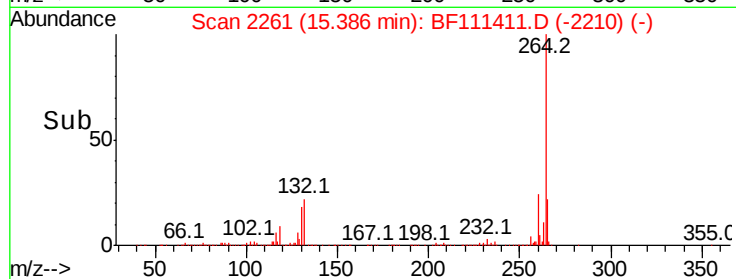
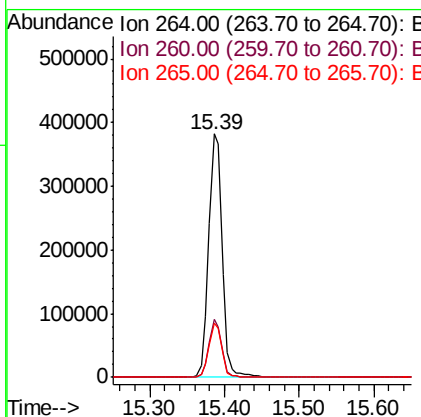
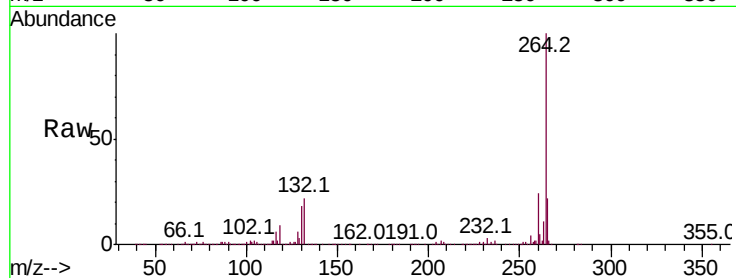
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	22.4	17.7	26.5

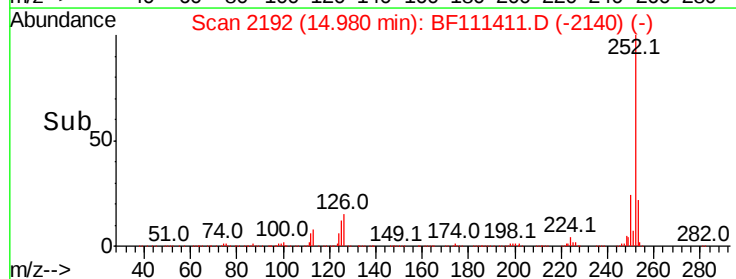
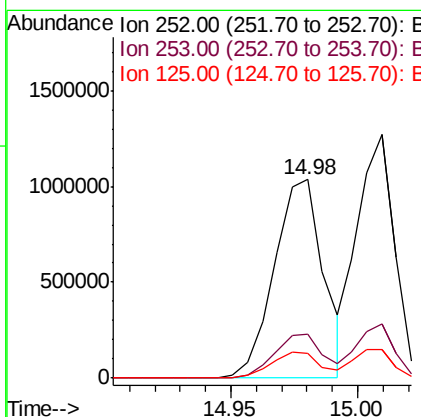
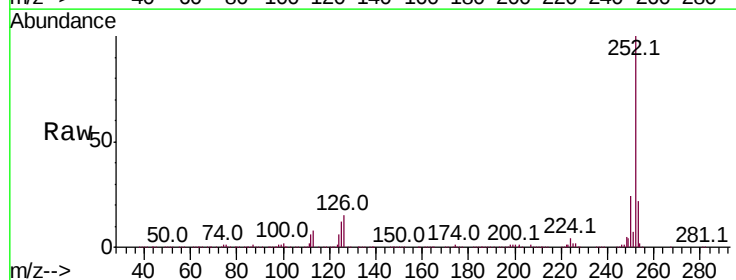
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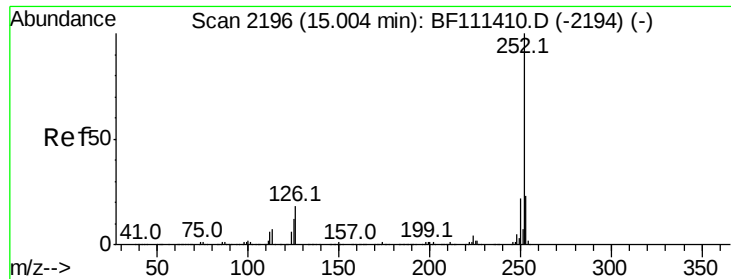
Sohil
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#88
Benzo(b)fluoranthene
Concen: 51.333 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.2	10.4	15.6





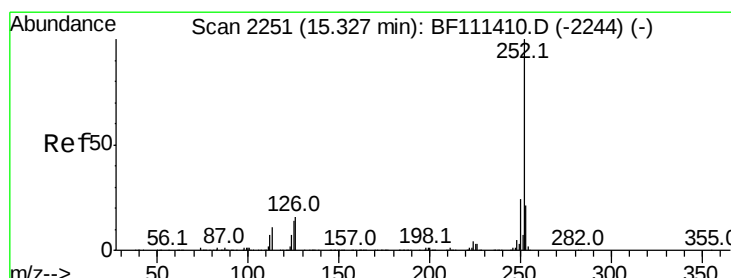
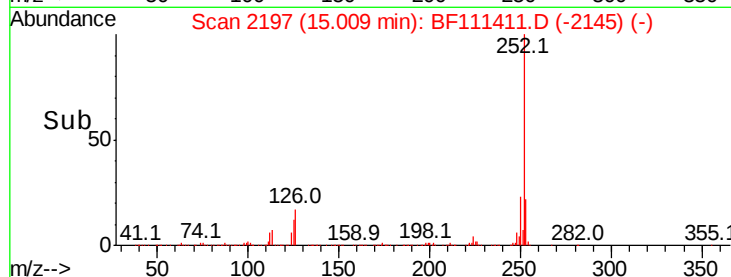
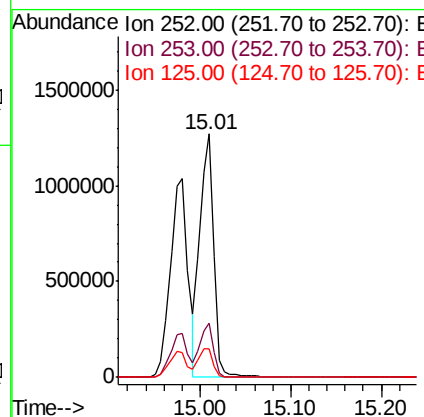
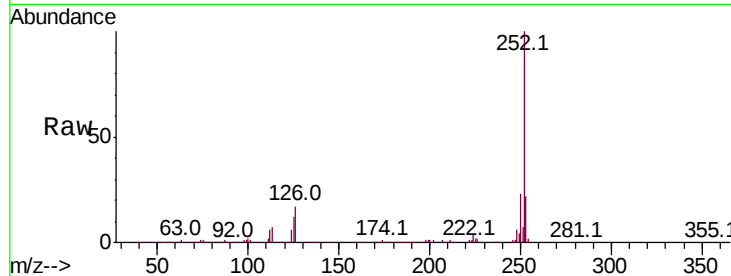
#89
Benzo(k)fluoranthene
Concen: 49.279 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.6	9.8	14.8

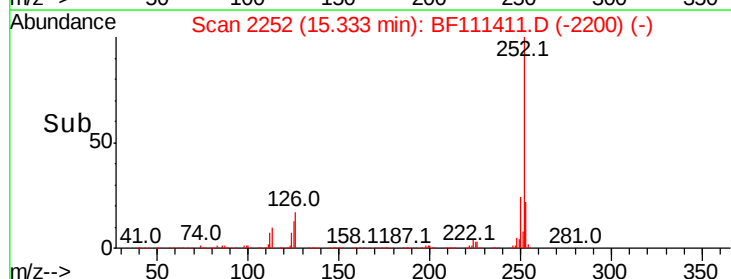
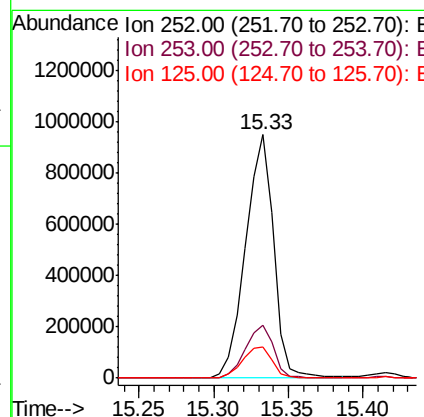
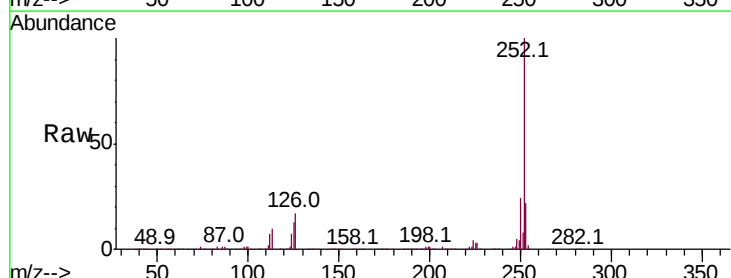
Manual Integrations
APPROVED

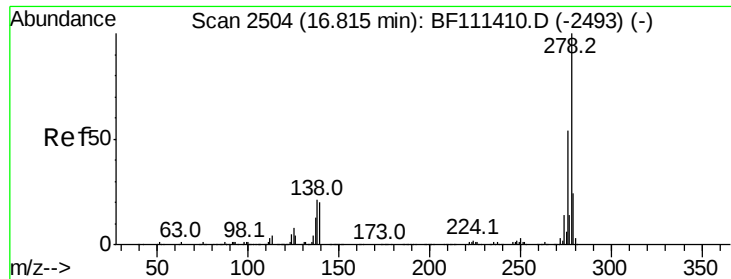
Sohil
12/17/2018 2:36:11 PM



#90
Benzo(a)pyrene
Concen: 48.769 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	12.7	12.3	18.5





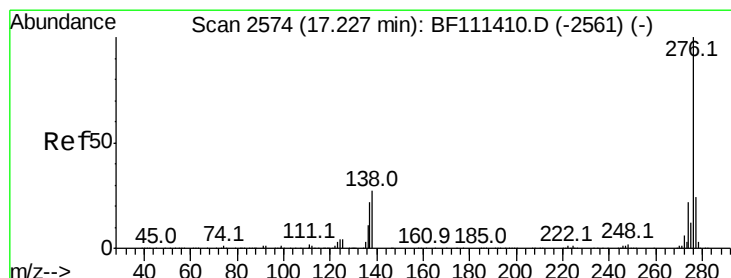
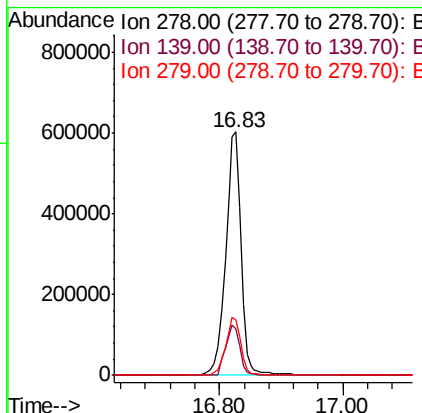
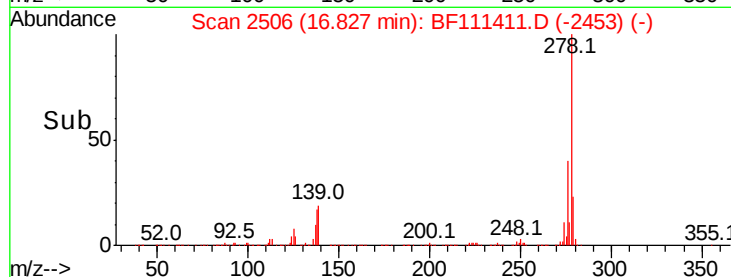
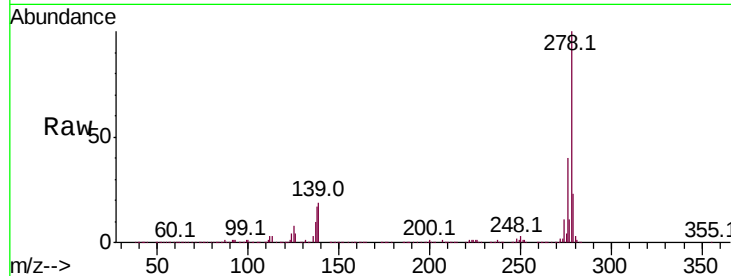
#91
Dibenzo(a,h)anthracene
Concen: 49.669 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:278 Resp: 1048996
Ion Ratio Lower Upper
278 100
139 18.9 18.2 27.4
279 22.9 19.0 28.6

Manual Integrations
APPROVED

Sohil
12/17/2018 2:36:11 PM



#92
Benzo(g,h,i)perylene
Concen: 52.995 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111411.D
Acq: 14 Dec 2018 11:34

Tgt Ion:276 Resp: 1118991
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 27.4 24.9 37.3

