

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109441.D
 Acq On : 28 Sep 2018 20:18
 Operator : JU/SJ
 Sample : J5118-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MSD

Quant Time: Sep 29 02:13:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	104634	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	350305	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	136570	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	233984	20.00	ng	0.00
75) Chrysene-d12	13.85	240	172529	20.00	ng	0.00
86) Perylene-d12	15.25	264	139823	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	534528	84.14	ng	0.01
7) Phenol-d6	6.36	99	654816	80.78	ng	0.00
23) Nitrobenzene-d5	7.27	82	402113	67.76	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	115314	85.65	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	605399	66.86	ng	0.00
78) Terphenyl-d14	12.80	244	524196	74.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	76266	26.067	ng	94
3) Pyridine	3.15	79	200239	26.591	ng	91
4) n-Nitrosodimethylamine	3.07	42	102371	31.945	ng	# 99
6) Aniline	6.37	93	206952	19.955	ng	# 1
8) 2-Chlorophenol	6.50	128	204298	28.919	ng	95
9) Benzaldehyde	6.25	77	112062	21.519	ng	98
10) Phenol	6.37	94	284249	30.964	ng	74
11) bis(2-Chloroethyl)ether	6.45	93	200646	27.932	ng	98
12) 1,3-Dichlorobenzene	6.65	146	224057	27.547	ng	99
13) 1,4-Dichlorobenzene	6.73	146	230480	28.127	ng	98
14) 1,2-Dichlorobenzene	6.88	146	212517	28.114	ng	99
15) Benzyl Alcohol	6.86	79	174010	28.044	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	278022	27.286	ng	93
17) 2-Methylphenol	6.97	107	163050	28.525	ng	97
18) Hexachloroethane	7.22	117	62613	21.688	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	143797	27.072	ng	98
20) 3+4-Methylphenols	7.13	107	195413	28.316	ng	89
22) Acetophenone	7.12	105	279929	34.563	ng	# 95
24) Nitrobenzene	7.29	77	206762	32.769	ng	98
25) Isophorone	7.53	82	376222	35.207	ng	98
26) 2-Nitrophenol	7.61	139	67169	26.919	ng	98
27) 2,4-Dimethylphenol	7.66	122	166095	35.672	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	242504	34.282	ng	98
29) 2,4-Dichlorophenol	7.85	162	151826	31.035	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	160752	29.407	ng	94
31) Naphthalene	8.02	128	528961	32.314	ng	99
32) Benzoic acid	7.66	122	166095	51.857	ng	# 14
33) 4-Chloroaniline	8.06	127	167840	23.470	ng	97
34) Hexachlorobutadiene	8.14	225	101077	30.672	ng	96
35) Caprolactam	8.42	113	40459	25.904	ng	# 77
36) 4-Chloro-3-methylphenol	8.55	107	143535	27.883	ng	96
37) 2-Methylnaphthalene	8.70	142	331640	31.427	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	149145	34.315	ng	97
40) Hexachlorocyclopentadiene	8.86	237	8957	4.725	ng	94

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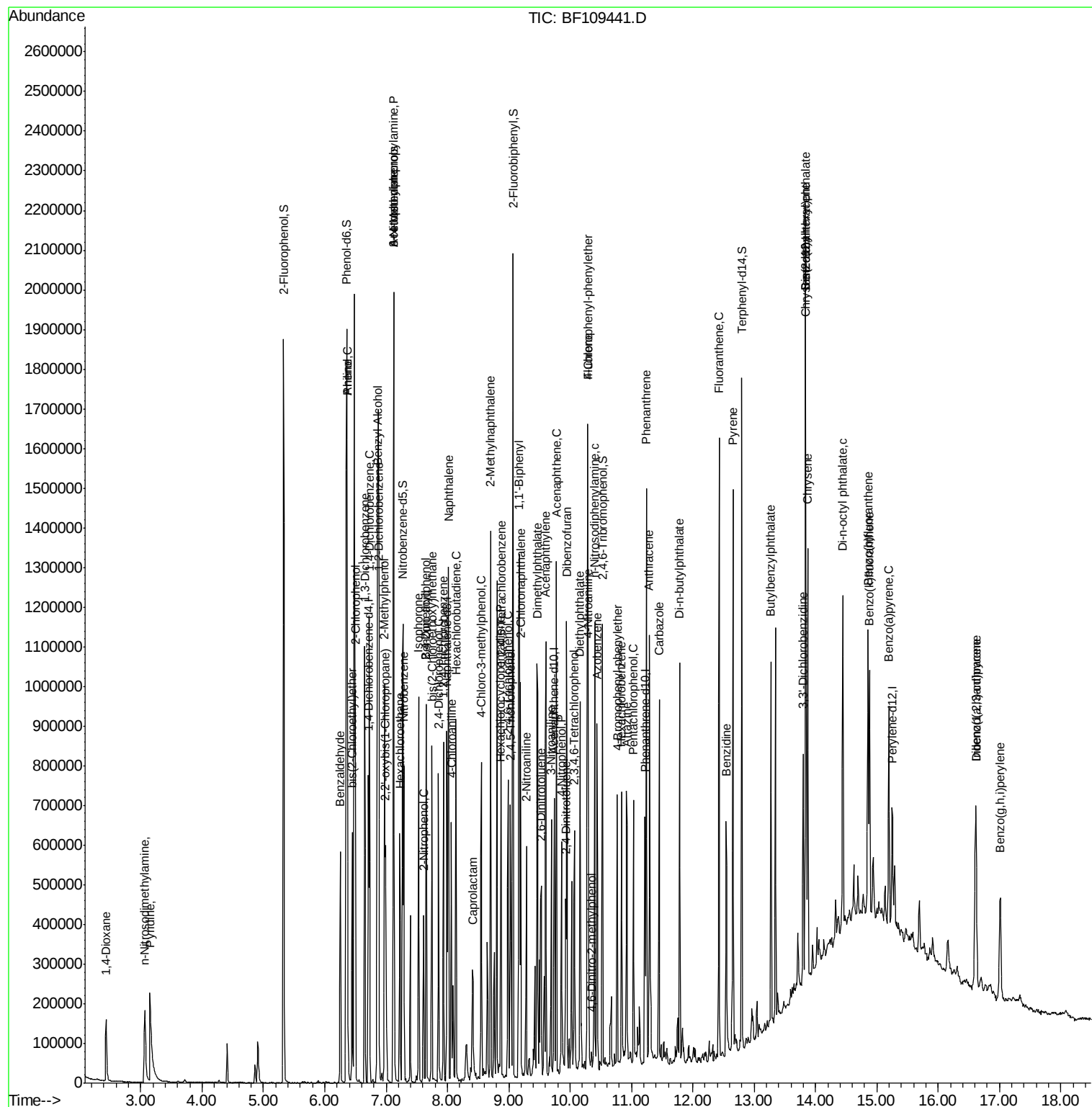
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	90768	32.539	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	93181	31.628	ng	96
45) 1,1'-Biphenyl	9.17	154	375207	33.720	ng	97
46) 2-Chloronaphthalene	9.19	162	275863	31.033	ng	97
47) 2-Nitroaniline	9.29	65	96205	38.172	ng	98
48) Acenaphthylene	9.60	152	427779	31.899	ng	100
49) Dimethylphthalate	9.47	163	437446	44.039	ng	98
50) 2,6-Dinitrotoluene	9.53	165	56090	28.511	ng	93
51) Acenaphthene	9.77	154	247283	30.500	ng	98
52) 3-Nitroaniline	9.69	138	83823	36.792	ng	97
54) Dibenzofuran	9.95	168	359903	29.848	ng	98
55) 4-Nitrophenol	9.86	139	91026	53.037	ng	97
56) 2,4-Dinitrotoluene	9.93	165	64310	25.836	ng	# 96
57) Fluorene	10.29	166	272356	31.658	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	70137	30.067	ng	88
59) Diethylphthalate	10.16	149	311489	30.967	ng	98
60) 4-Chlorophenyl-phenylether	10.28	204	130323	29.002	ng	94
61) 4-Nitroaniline	10.30	138	81758	36.797	ng	96
62) Azobenzene	10.44	77	275876	26.398	ng	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	300	6.797	ng	# 18
65) n-Nitrosodiphenylamine	10.40	169	254006	32.857	ng	94
66) 4-Bromophenyl-phenylether	10.77	248	81200	31.251	ng	# 87
67) Hexachlorobenzene	10.84	284	83167	30.138	ng	# 91
68) Atrazine	10.93	200	78875	33.174	ng	94
69) Pentachlorophenol	11.03	266	79078	47.879	ng	98
70) Phenanthrene	11.25	178	500465	42.838	ng	99
71) Anthracene	11.29	178	419150	35.373	ng	99
72) Carbazole	11.45	167	373092	31.646	ng	99
73) Di-n-butylphthalate	11.79	149	448341	33.034	ng	99
74) Fluoranthene	12.43	202	609223	48.796	ng	97
76) Benzidine	12.55	184	230807	37.104	ng	98
77) Pyrene	12.66	202	578302	46.770	ng	99
79) Butylbenzylphthalate	13.27	149	192019	36.502	ng	96
80) Benzo(a)anthracene	13.84	228	378958	36.466	ng	99
81) 3,3'-Dichlorobenzidine	13.80	252	121054	30.651	ng	99
82) Chrysene	13.87	228	357518	34.711	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	255283	38.479	ng	98
84) Di-n-octyl phthalate	14.44	149	413268	36.432	ng	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	254967	30.539	ng	# 92
87) Benzo(b)fluoranthene	14.86	252	299831	39.024	ng	98
88) Benzo(k)fluoranthene	14.88	252	246551	33.817	ng	97
89) Benzo(a)pyrene	15.20	252	260452	37.620	ng	97
90) Dibenzo(a,h)anthracene	16.62	278	199332	35.095	ng	# 95
91) Benzo(g,h,i)perylene	17.02	276	209464	37.524	ng	# 92

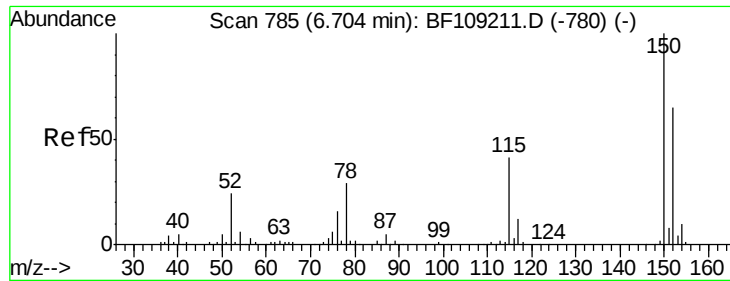
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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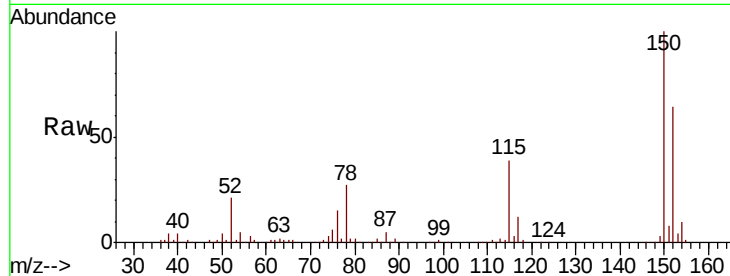


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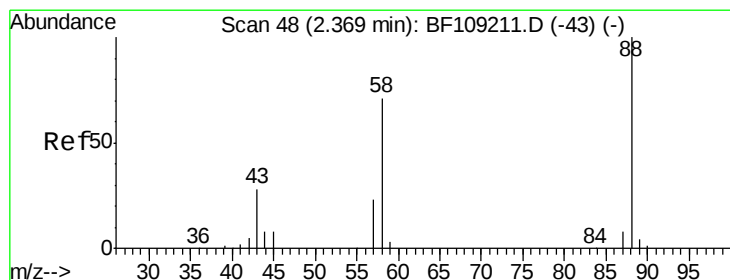
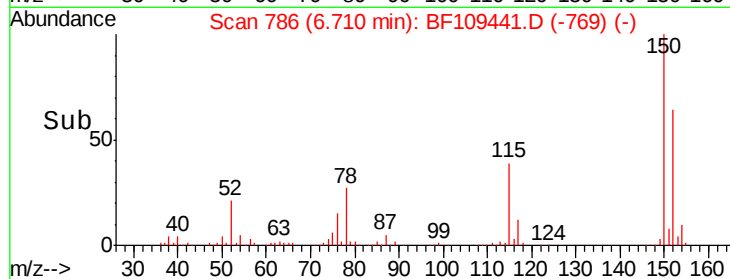
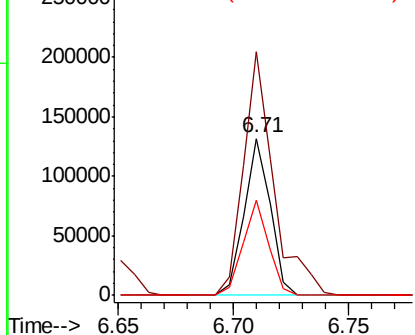
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MSD

Tgt Ion:152 Resp: 104634
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 60.8 50.1 75.1



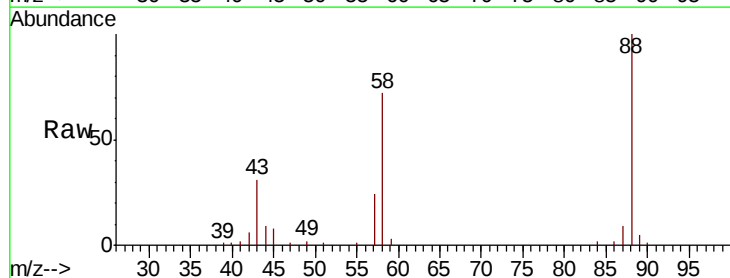
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



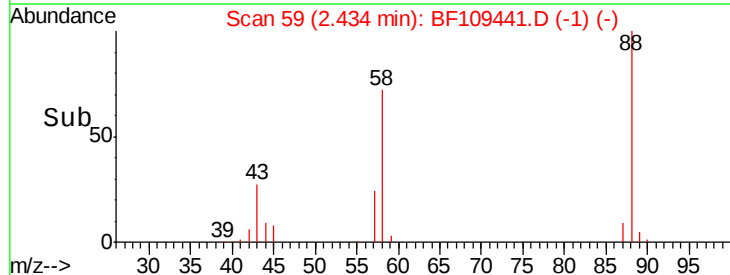
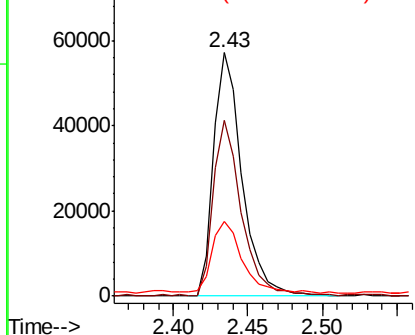
#2

1,4-Dioxane
 Concen: 26.067 ng
 RT: 2.43 min Scan# 59
 Delta R.T. 0.06 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion: 88 Resp: 76266
 Ion Ratio Lower Upper
 88 100
 58 71.4 62.6 93.8
 43 31.1 24.6 37.0



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

Pyridine

Concen: 26.591 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.08 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

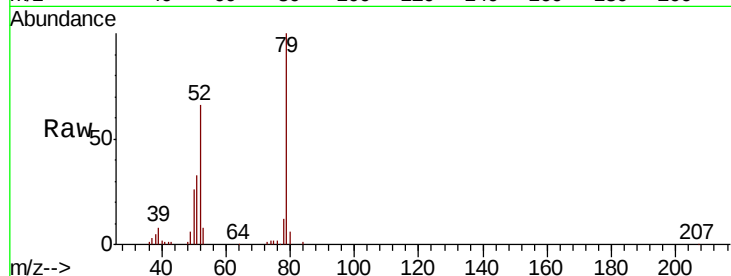
Tgt Ion: 79 Resp: 200239

Ion Ratio Lower Upper

79 100

52 66.1 59.8 89.6

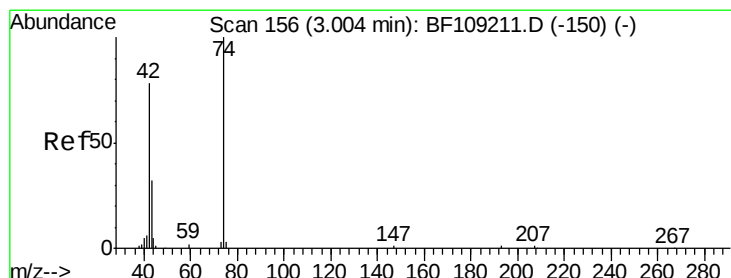
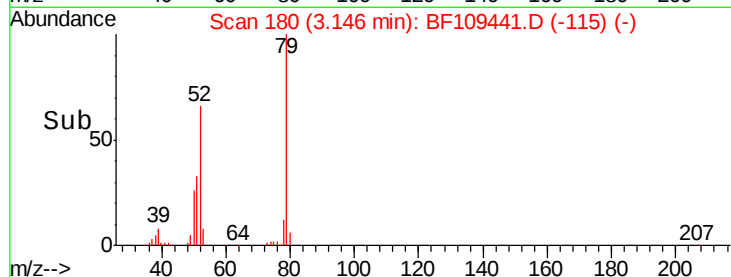
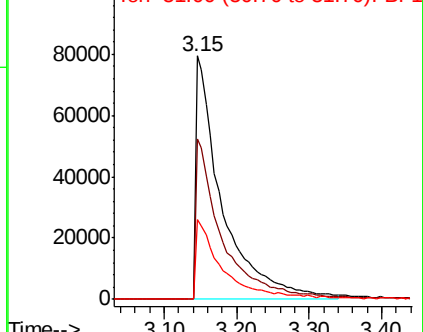
51 32.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 31.945 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.05 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

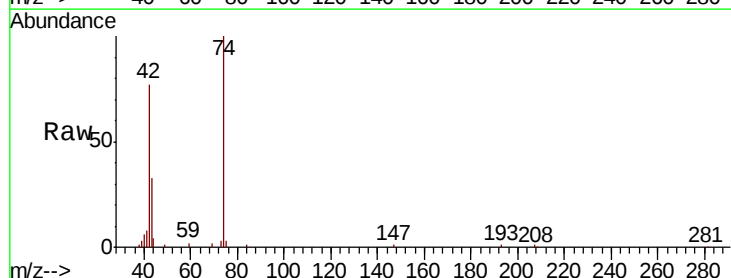
Tgt Ion: 42 Resp: 102371

Ion Ratio Lower Upper

42 100

74 130.5 104.9 157.3

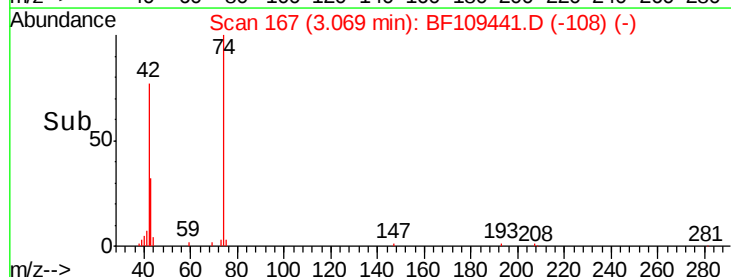
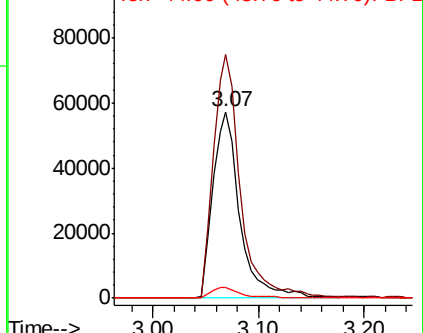
44 5.9 6.9 10.3#

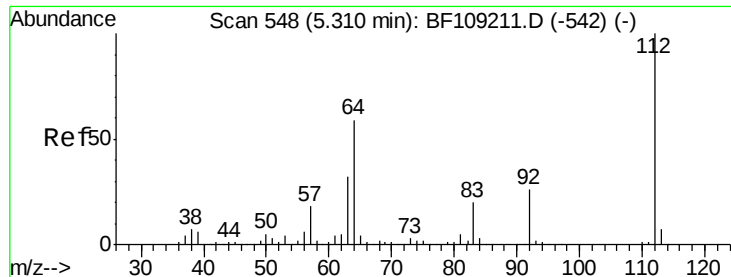


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 84.142 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

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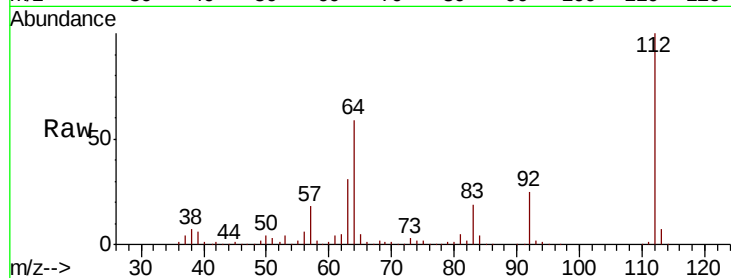
Tgt Ion: 112 Resp: 534528

Ion Ratio Lower Upper

112 100

64 59.3 47.9 71.9

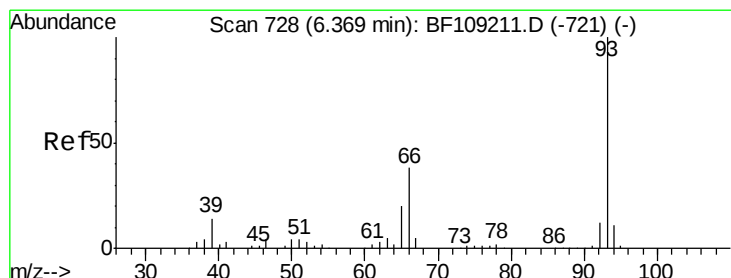
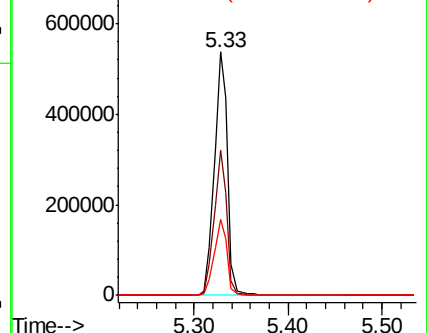
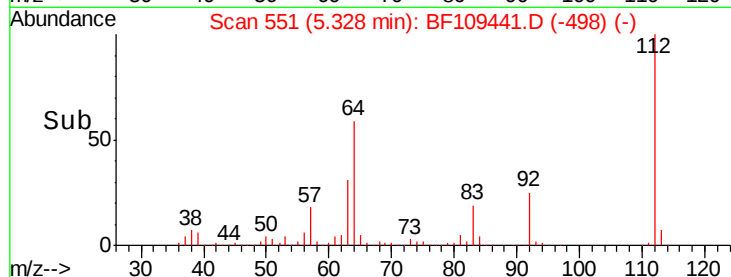
63 31.1 23.7 35.5



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: 19.955 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

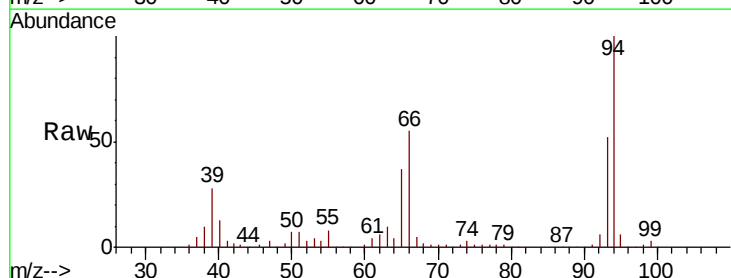
Tgt Ion: 93 Resp: 206952

Ion Ratio Lower Upper

93 100

66 105.3 32.2 48.2#

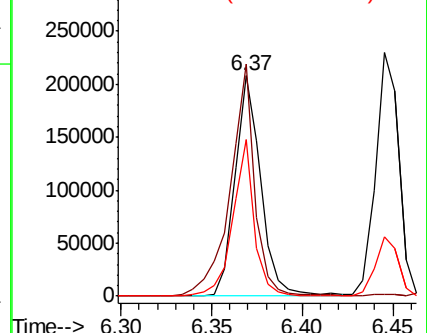
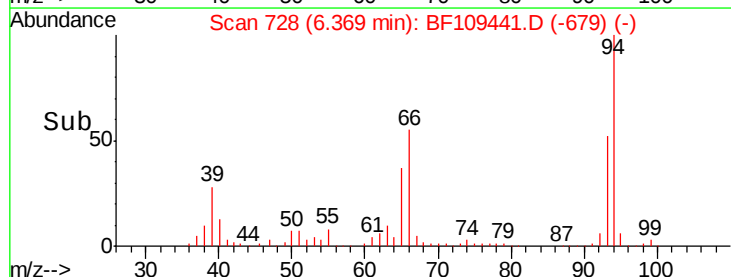
65 71.0 16.4 24.6#

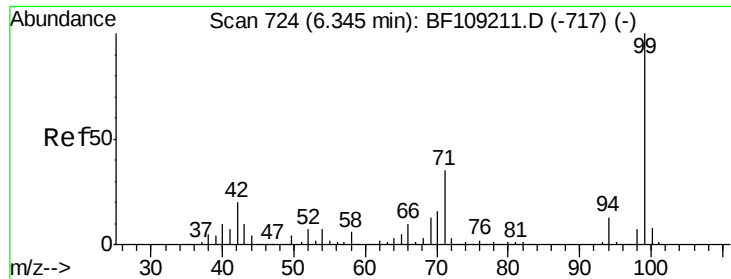


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.779 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

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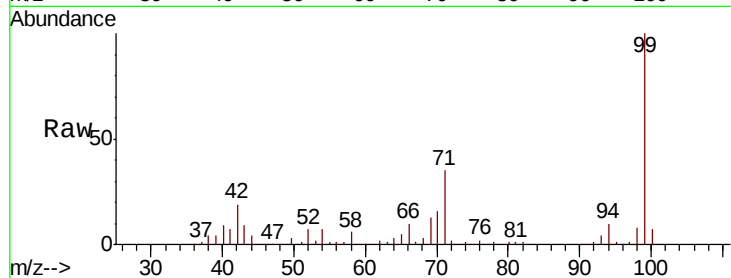
Tgt Ion: 99 Resp: 654816

Ion Ratio Lower Upper

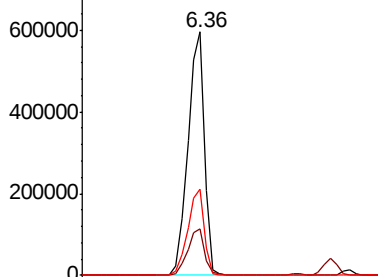
99 100

42 19.0 14.5 21.7

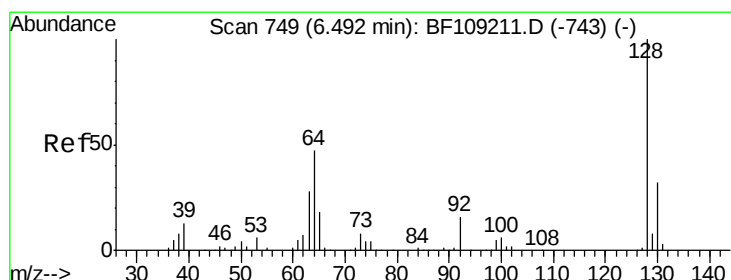
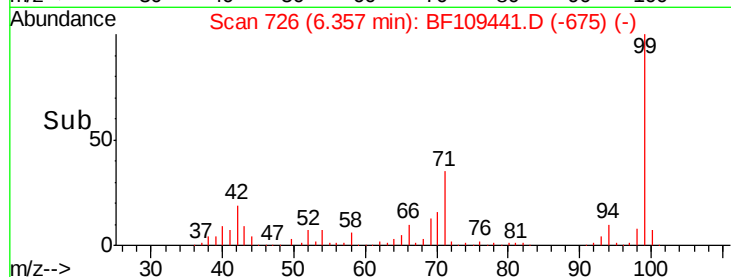
71 35.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 28.919 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

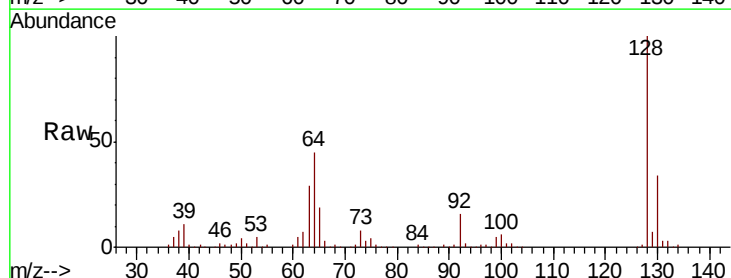
Tgt Ion: 128 Resp: 204298

Ion Ratio Lower Upper

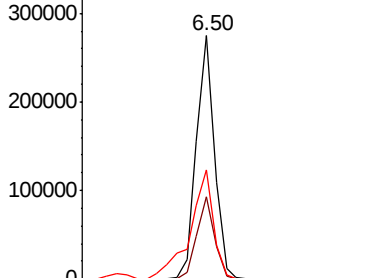
128 100

130 33.6 13.0 53.0

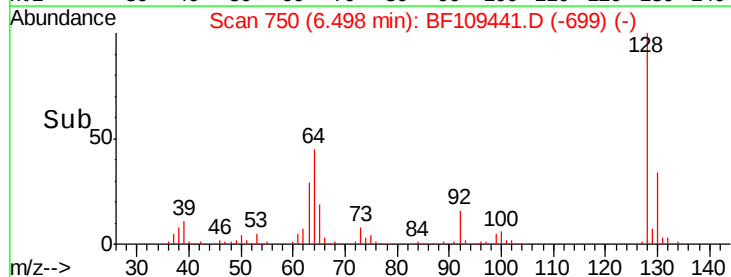
64 44.7 29.4 69.4

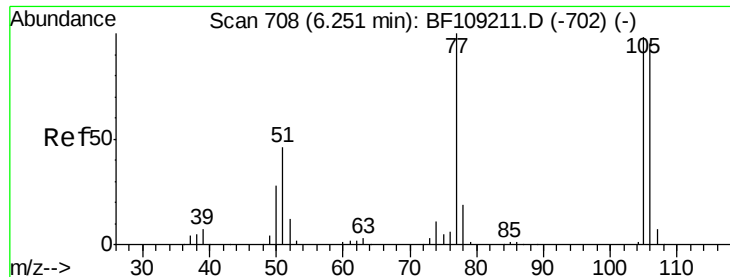


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



Time-->





#9

Benzaldehyde

Concen: 21.519 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

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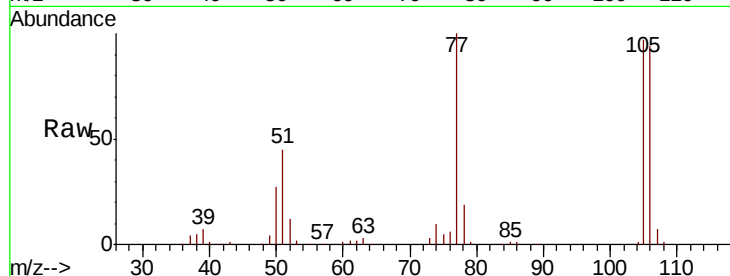
Tgt Ion: 77 Resp: 112062

Ion Ratio Lower Upper

77 100

105 97.0 81.1 121.1

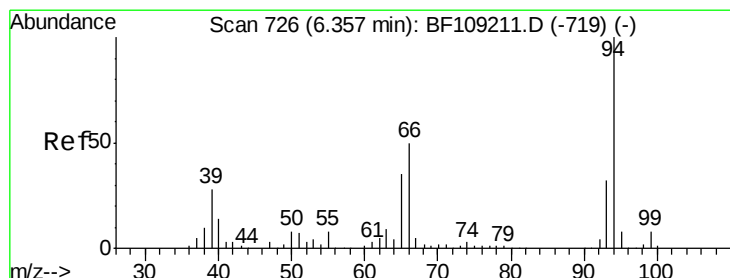
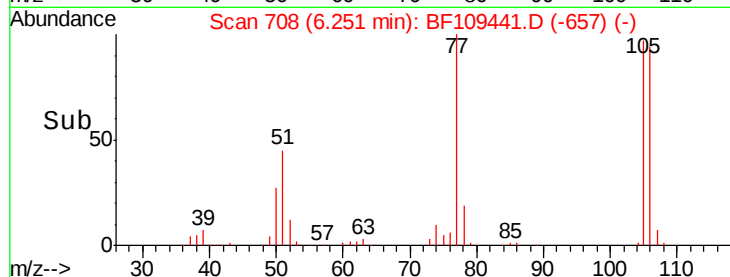
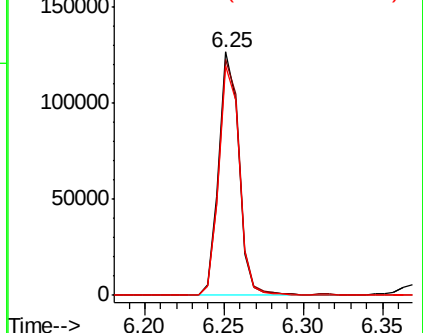
106 94.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.964 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

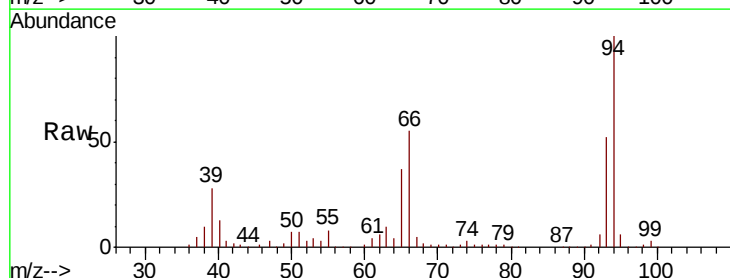
Tgt Ion: 94 Resp: 284249

Ion Ratio Lower Upper

94 100

65 37.2 7.9 47.9

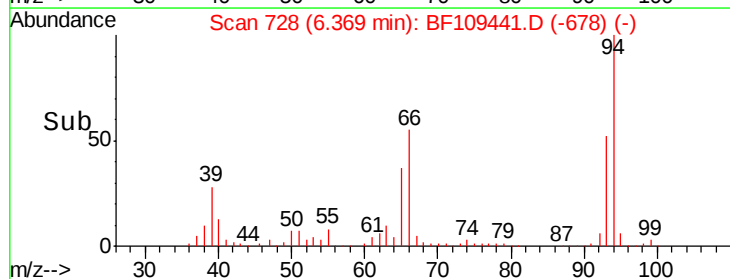
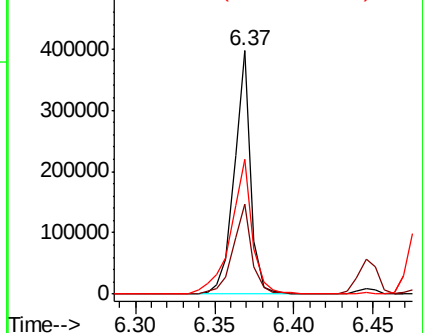
66 55.2 16.2 56.2

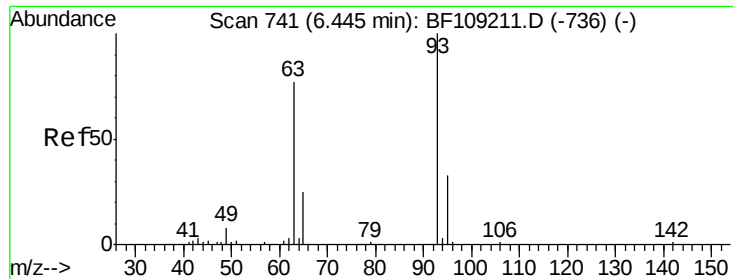


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

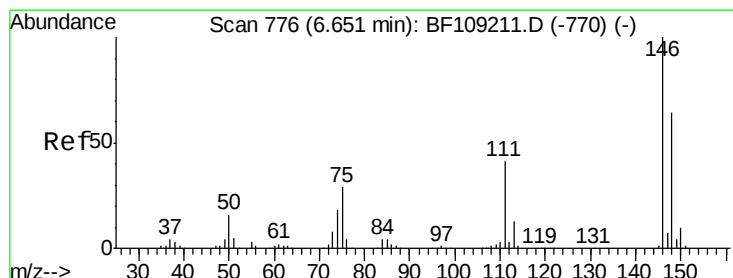
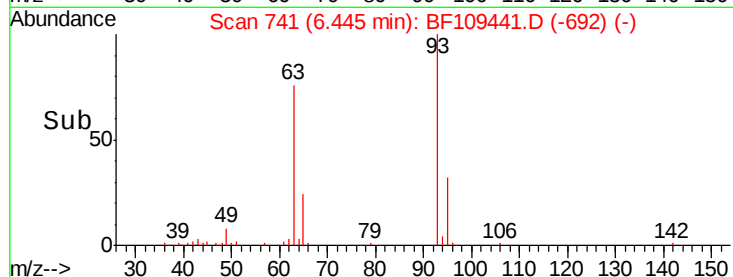
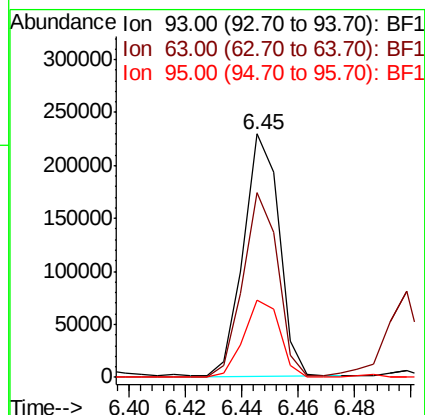
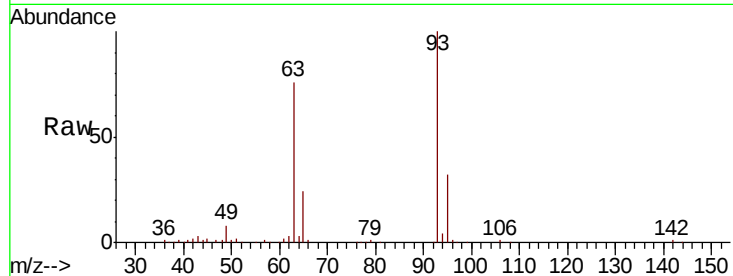




#11
bis(2-Chloroethyl)ether
Concen: 27.932 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

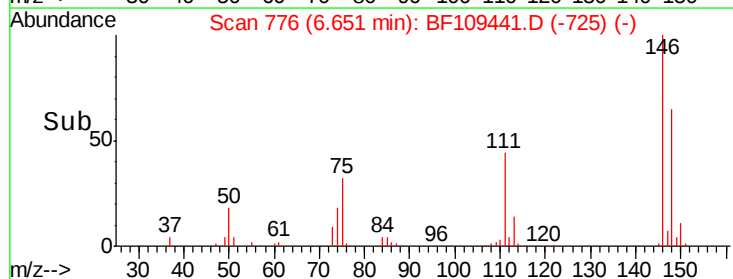
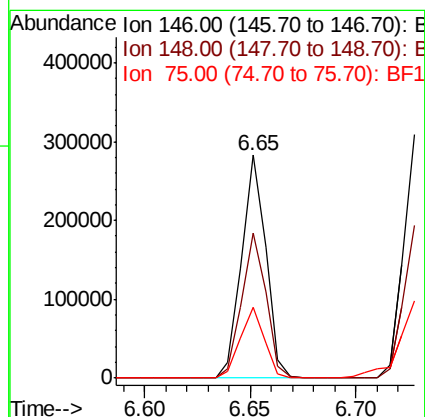
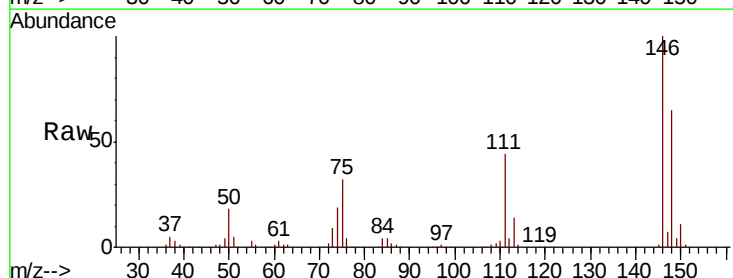
Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MSD

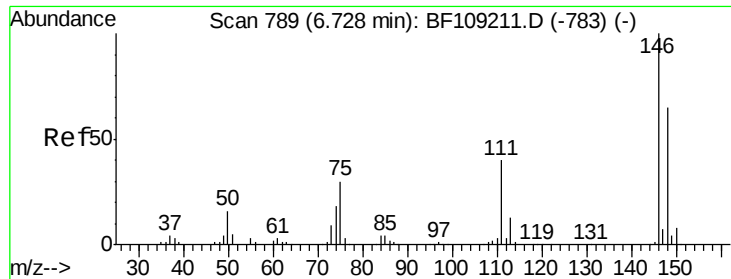
Tgt Ion: 93 Resp: 200646
Ion Ratio Lower Upper
93 100
63 75.7 58.6 98.6
95 31.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 27.547 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion: 146 Resp: 224057
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 31.8 24.2 36.4

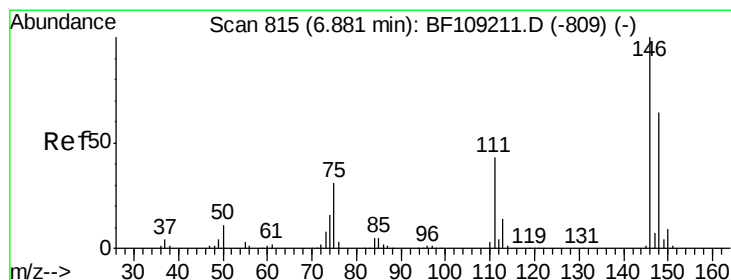
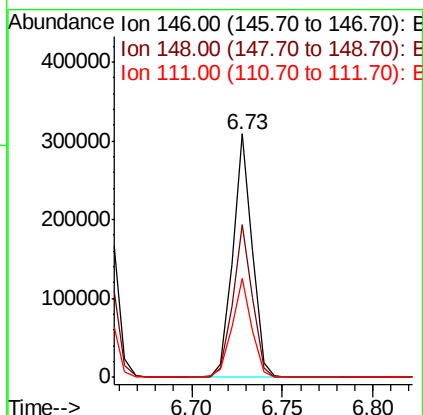
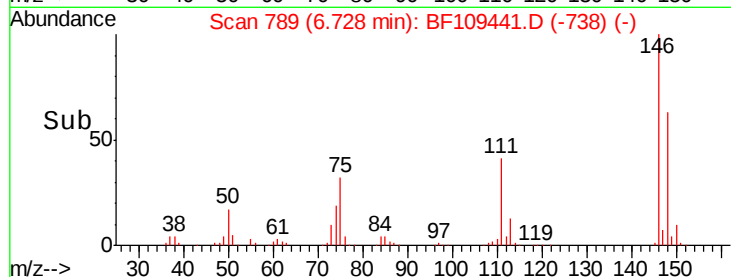
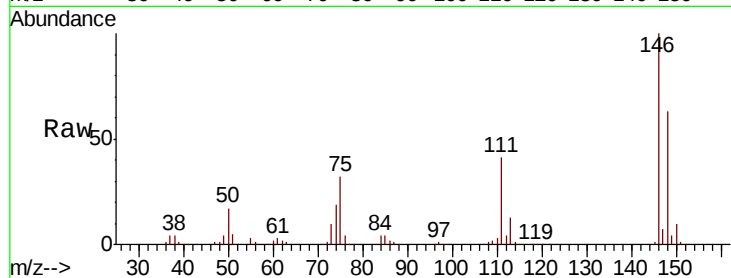




#13
 1,4-Dichlorobenzene
 Concen: 28.127 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

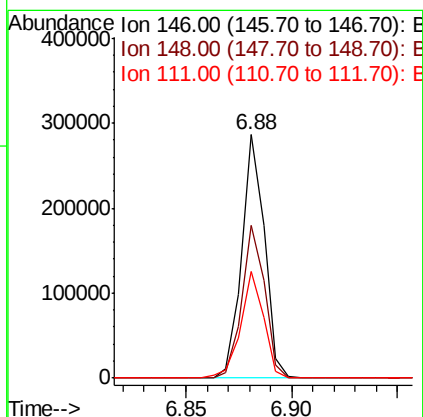
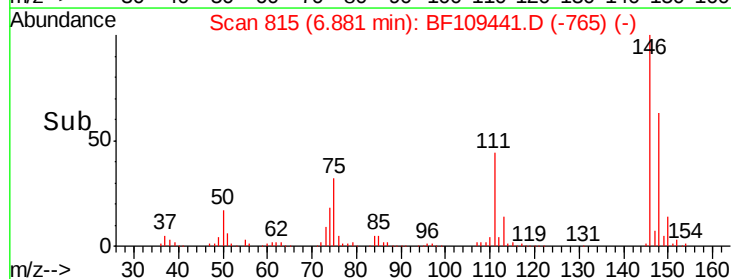
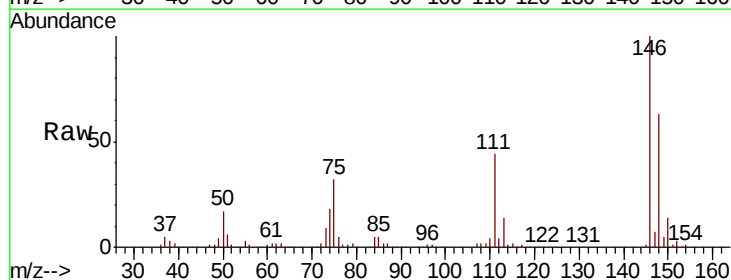
Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MSD

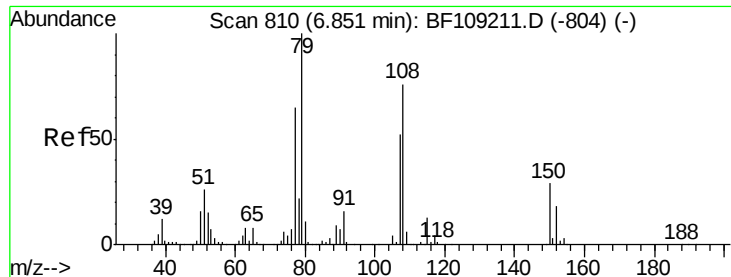
Tgt Ion:146 Resp: 230480
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.8 76.2
 111 40.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 28.114 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion:146 Resp: 212517
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.6 75.8
 111 43.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 28.044 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

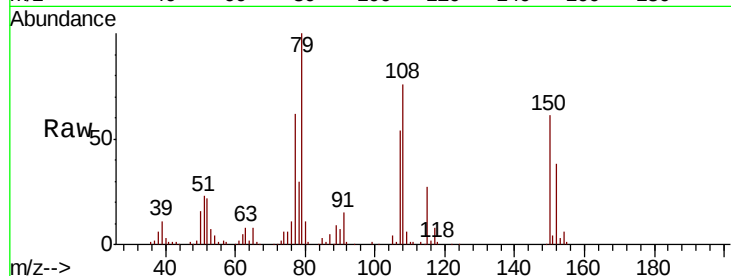
Tgt Ion: 79 Resp: 174010

Ion Ratio Lower Upper

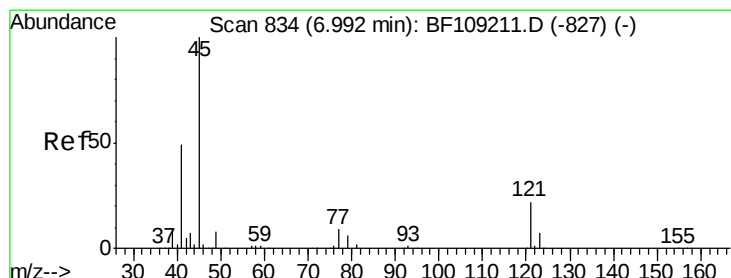
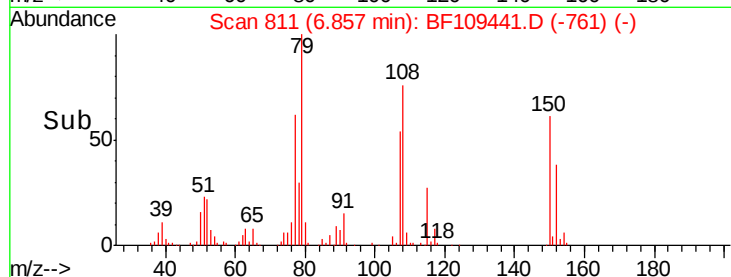
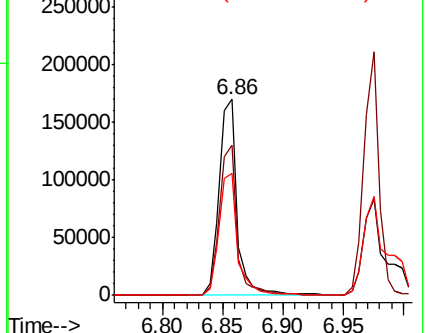
79 100

108 76.2 65.1 97.7

77 62.0 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.286 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

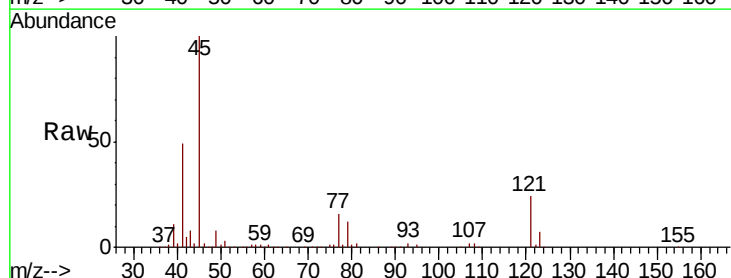
Tgt Ion: 45 Resp: 278022

Ion Ratio Lower Upper

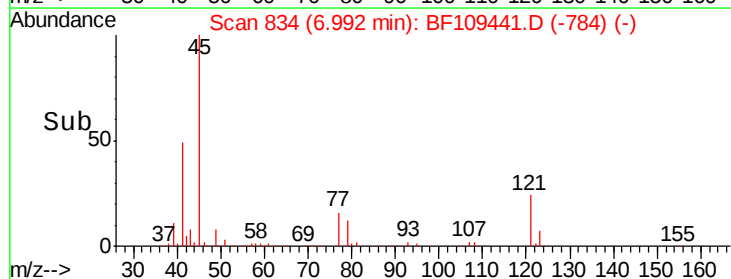
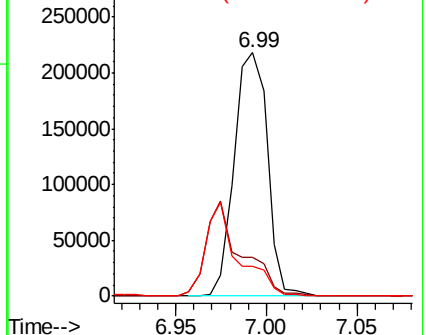
45 100

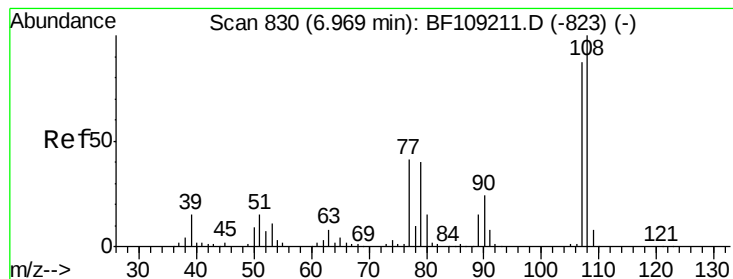
77 15.9 0.0 32.9

79 12.3 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 28.525 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

Tgt Ion:107 Resp: 163050

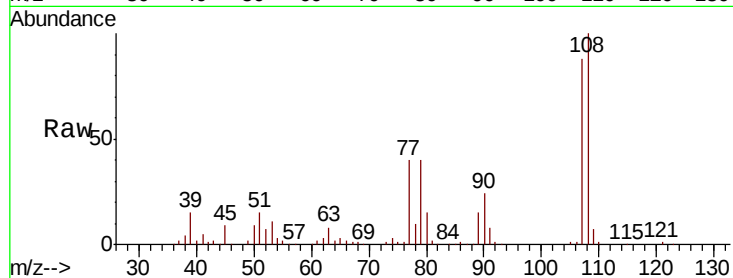
Ion Ratio Lower Upper

107 100

108 113.3 91.7 137.5

77 45.9 33.8 50.8

79 45.0 33.8 50.8

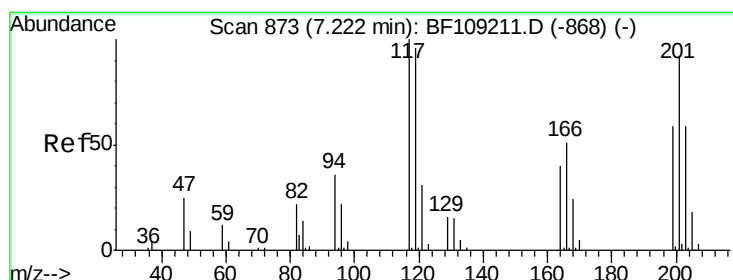
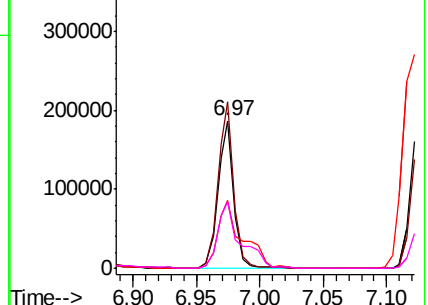
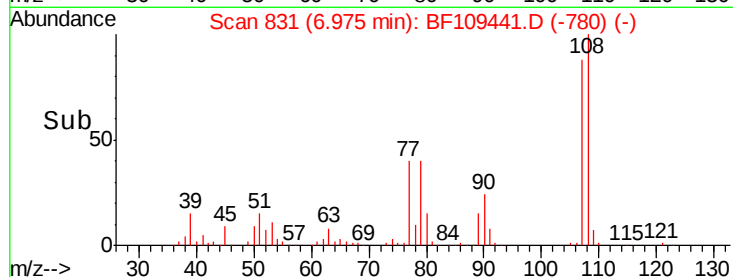


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 21.688 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

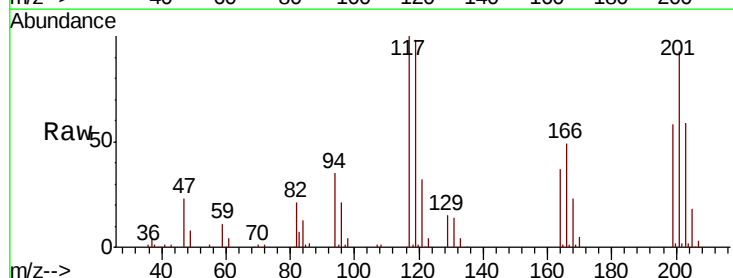
Tgt Ion:117 Resp: 62613

Ion Ratio Lower Upper

117 100

119 98.4 75.8 113.8

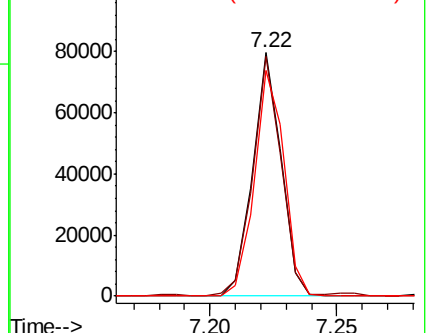
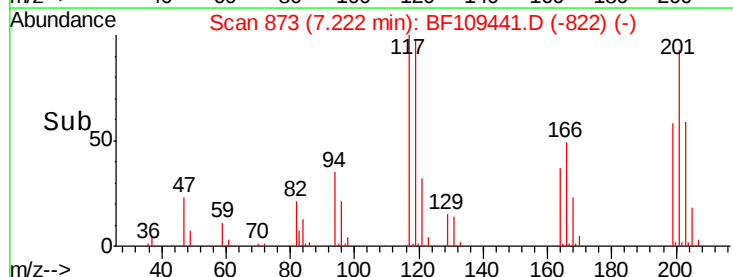
201 92.9 75.7 113.5

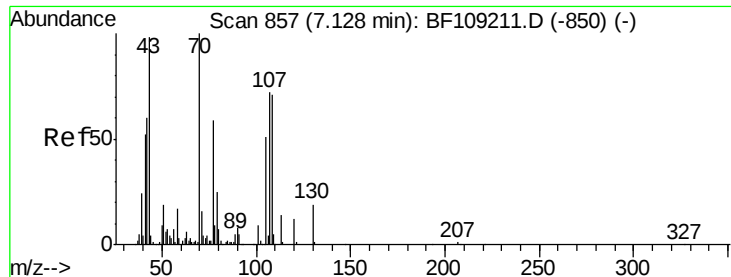


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

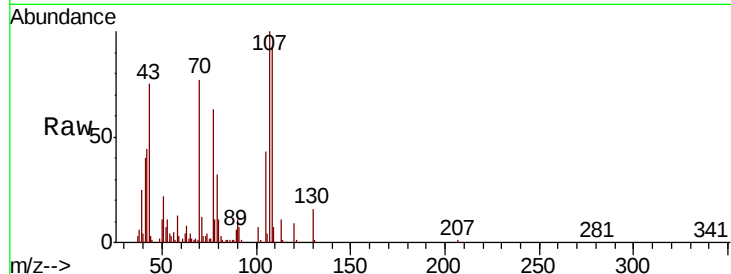




#19
n-Nitroso-di-n-propylamine
Concen: 27.072 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MSD

Tgt Ion:	70	Resp:	143797
Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.5	71.3
101	9.3	7.4	11.2
130	20.9	16.6	25.0



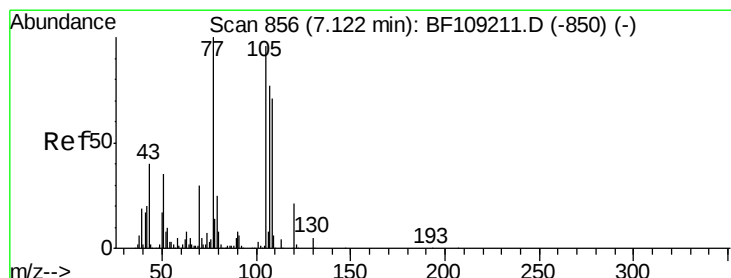
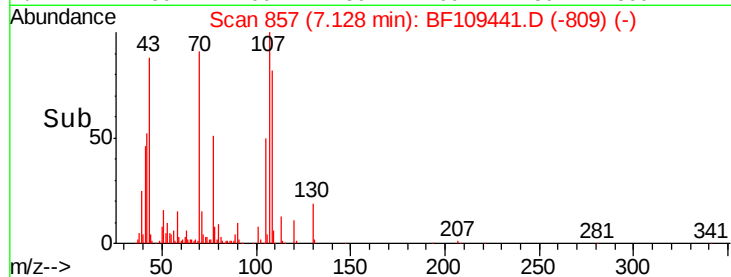
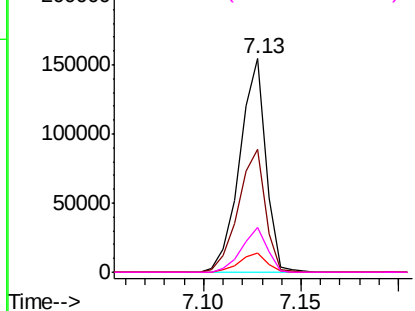
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

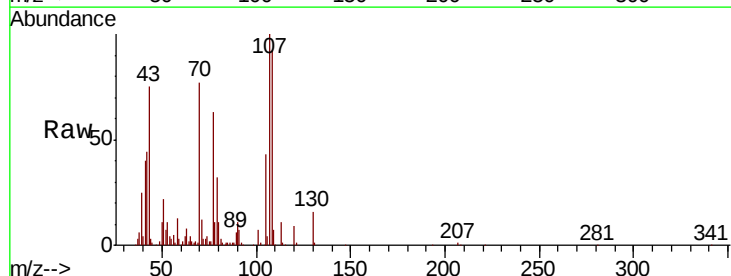
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 28.316 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion:	107	Resp:	195413
Ion	Ratio	Lower	Upper
107	100		
108	91.8	68.2	108.2
77	63.1	26.7	66.7
79	32.5	6.3	46.3



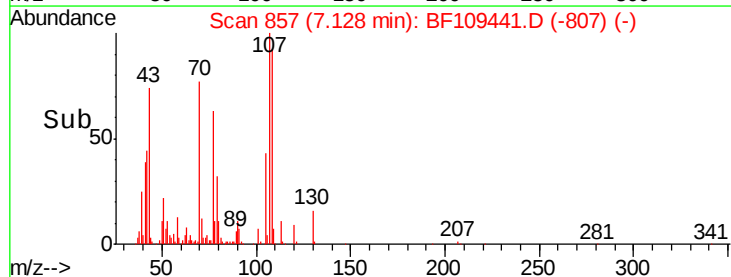
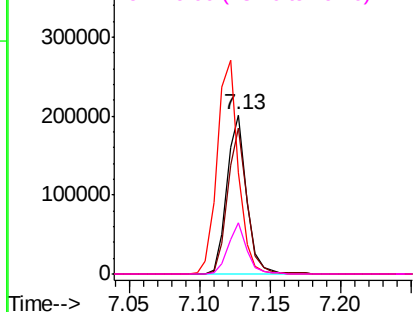
Abundance

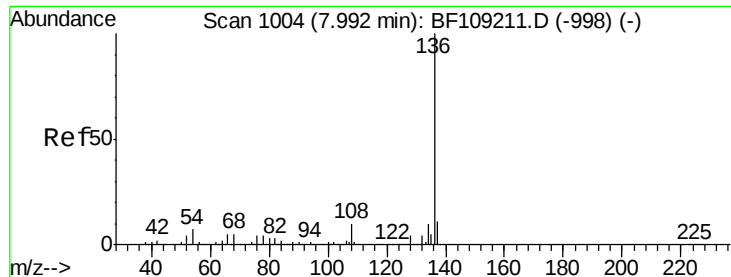
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

Tgt Ion:136 Resp: 350305

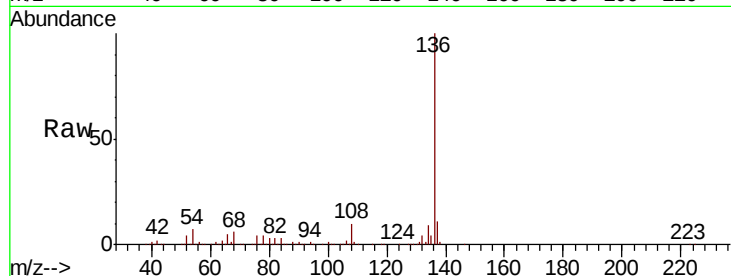
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.1 6.6 9.8

68 5.6 5.0 7.4

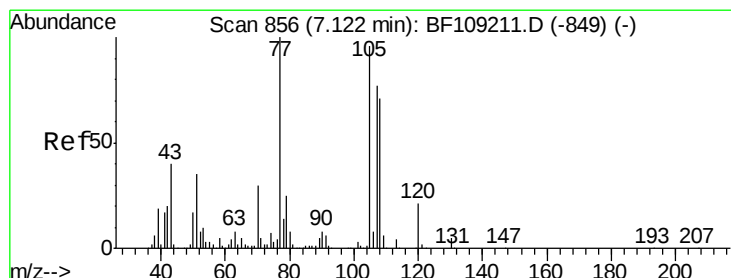
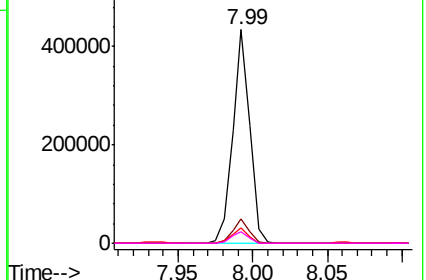
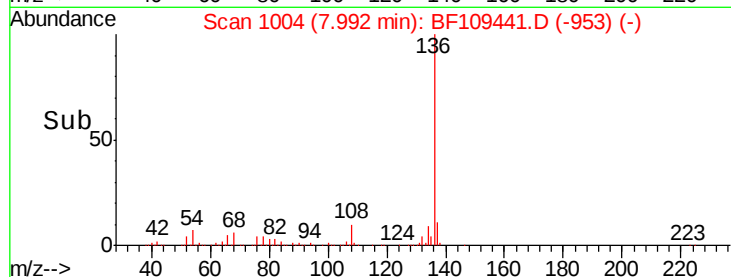


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.563 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Tgt Ion:105 Resp: 279929

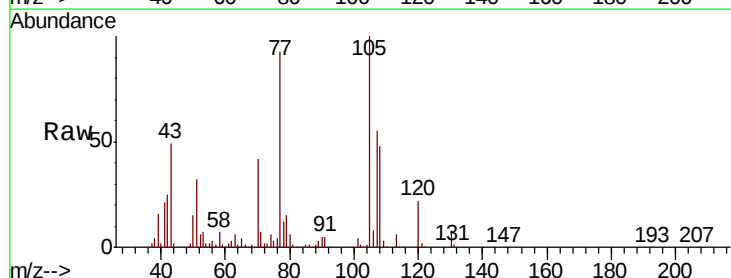
Ion Ratio Lower Upper

105 100

71 7.0 4.4 6.6#

51 31.8 22.3 33.5

120 22.3 16.9 25.3

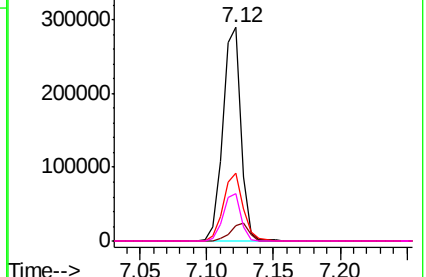
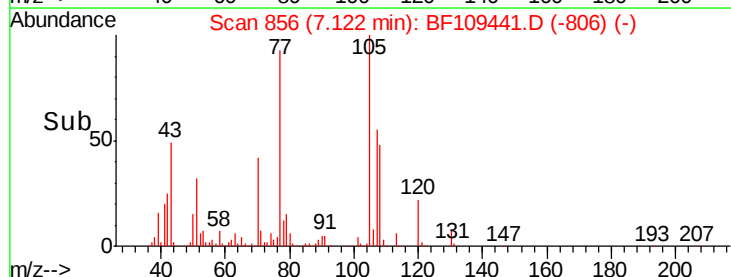


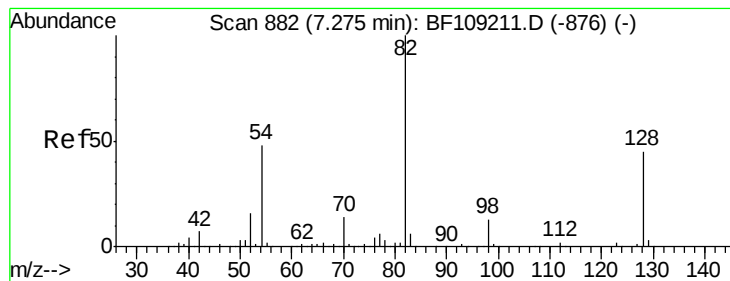
Abundance Ion 105.00 (104.70 to 105.70): E

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: 67.762 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

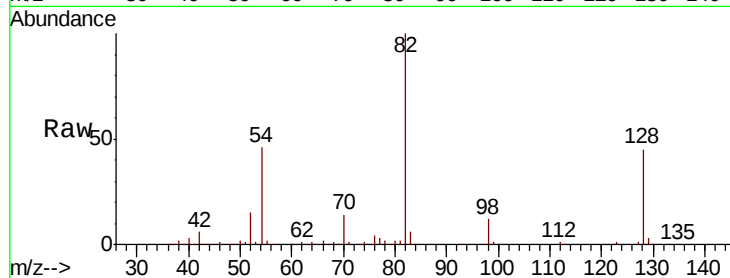
Tgt Ion: 82 Resp: 402113

Ion Ratio Lower Upper

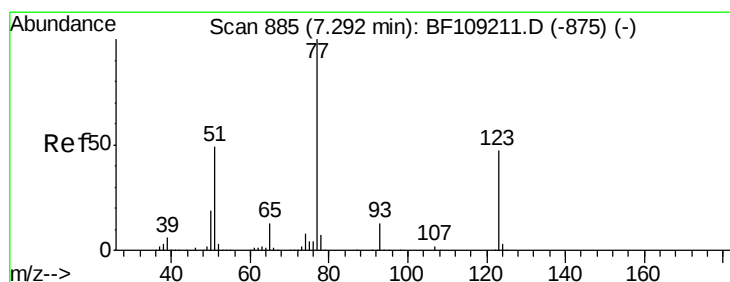
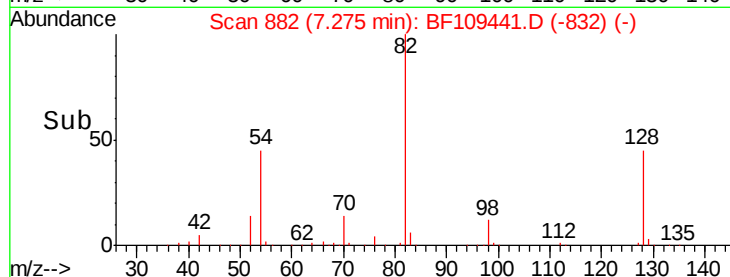
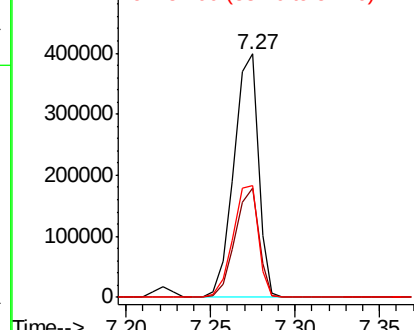
82 100

128 44.8 36.1 54.1

54 45.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 32.769 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

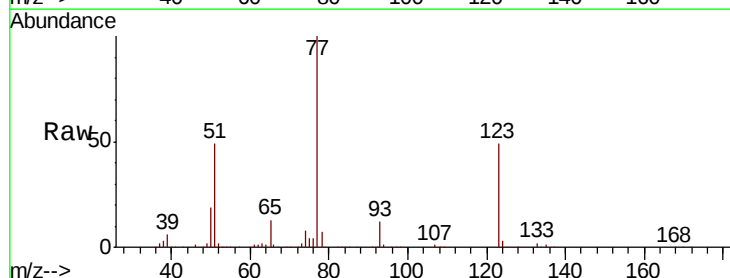
Tgt Ion: 77 Resp: 206762

Ion Ratio Lower Upper

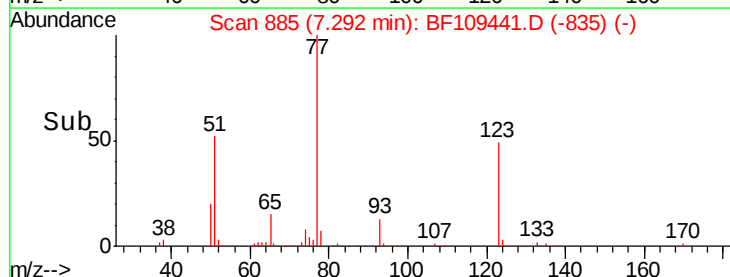
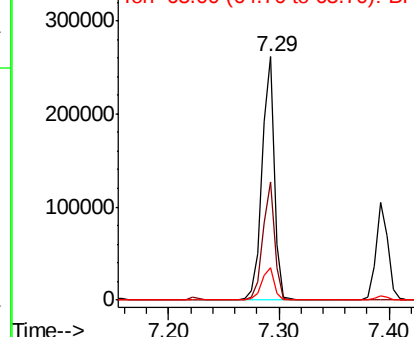
77 100

123 48.7 37.9 56.9

65 13.3 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

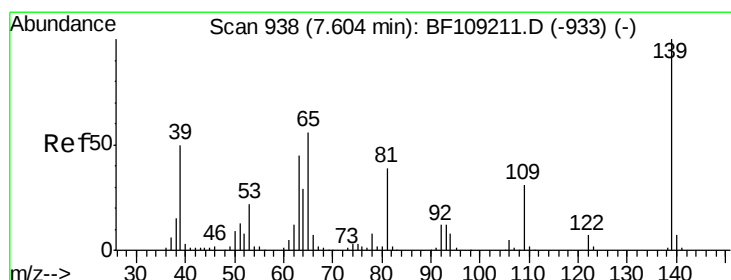
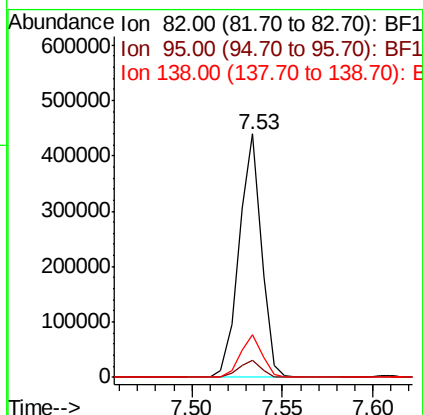
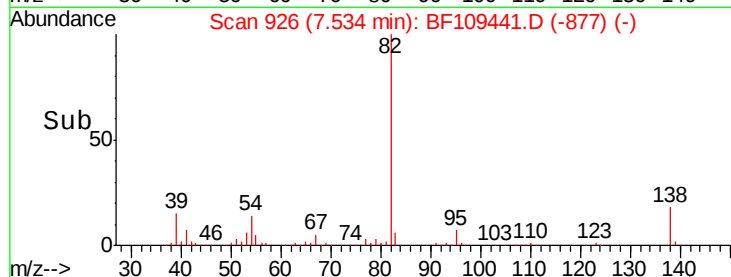
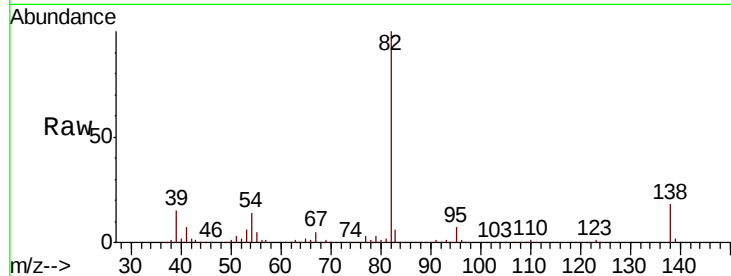




#25
Isophorone
Concen: 35.207 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

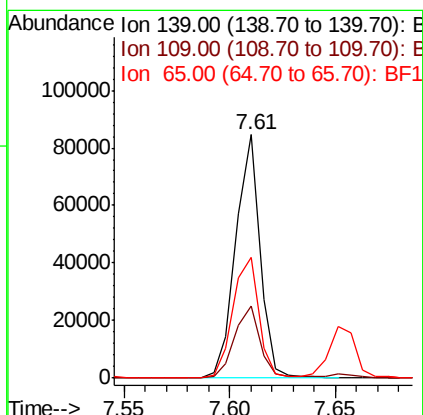
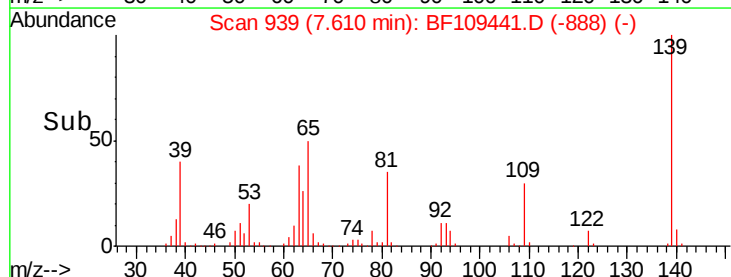
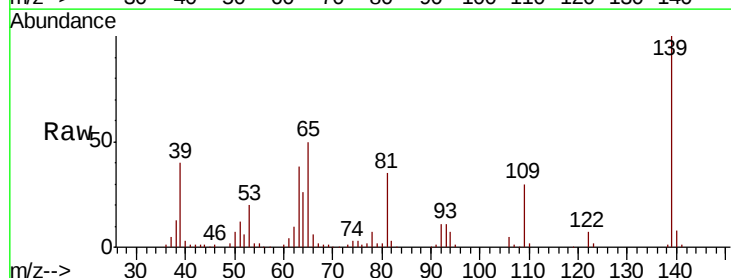
Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MSD

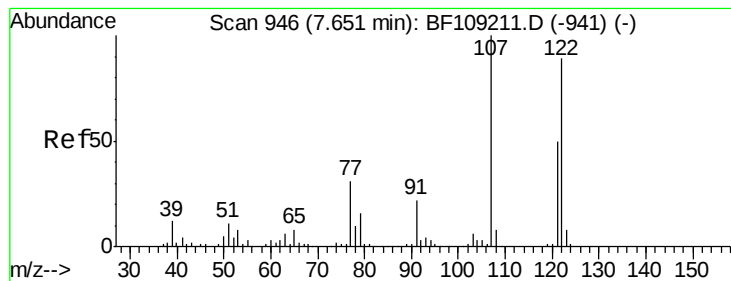
Tgt Ion: 82 Resp: 376222
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 17.8 14.9 22.3



#26
2-Nitrophenol
Concen: 26.919 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion: 139 Resp: 67169
Ion Ratio Lower Upper
139 100
109 29.6 22.7 34.1
65 49.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 35.672 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

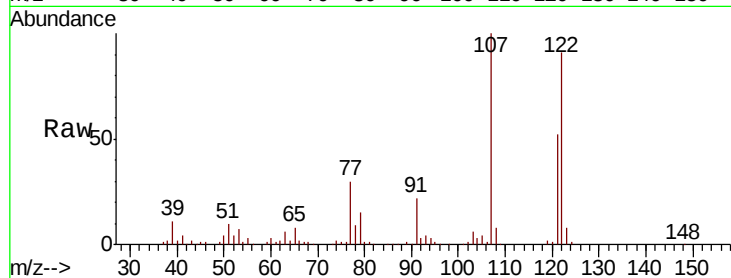
Tgt Ion: 122 Resp: 166095

Ion Ratio Lower Upper

122 100

107 110.2 91.2 136.8

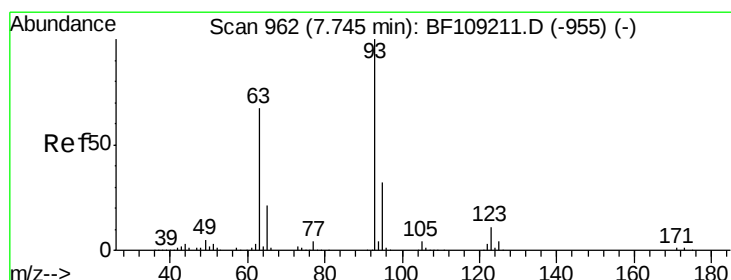
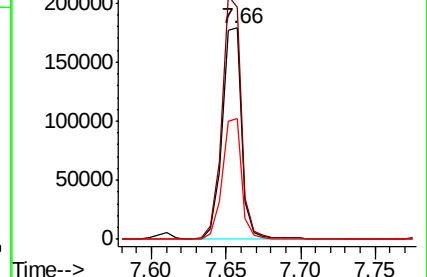
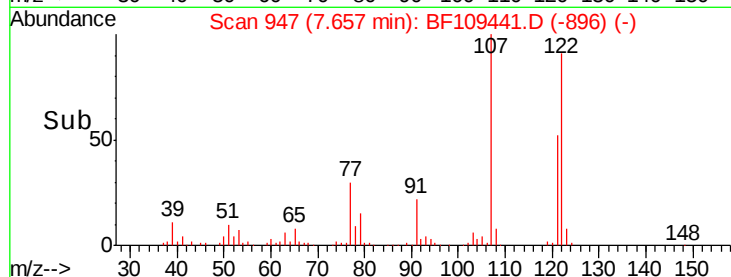
121 57.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.282 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

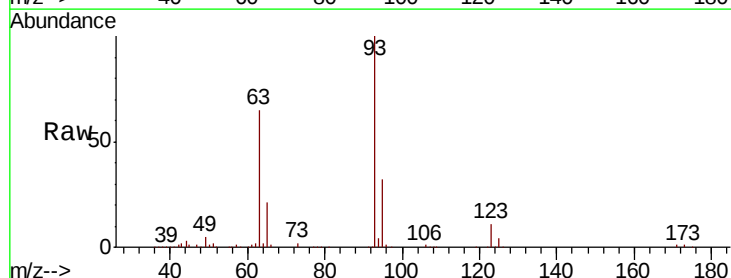
Tgt Ion: 93 Resp: 242504

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

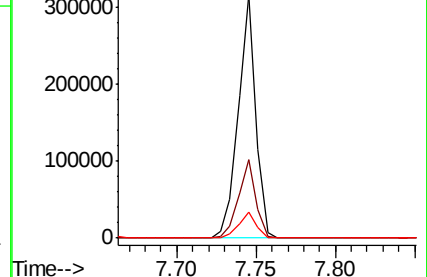
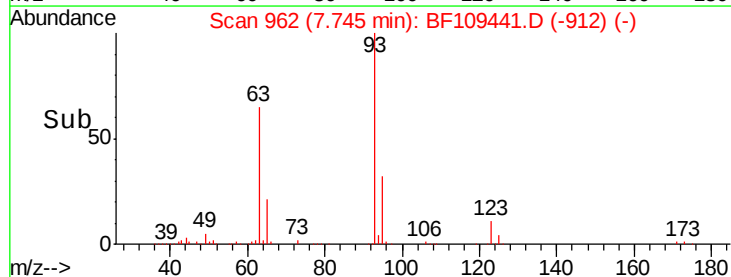
123 10.7 9.8 14.6

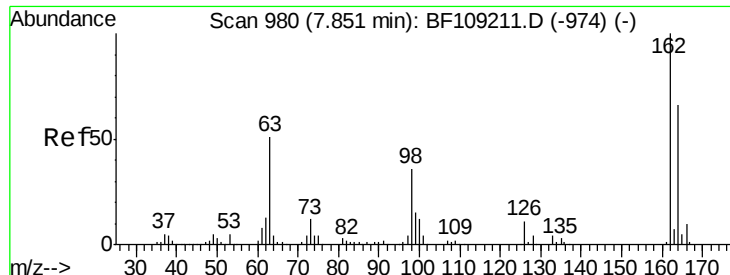


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

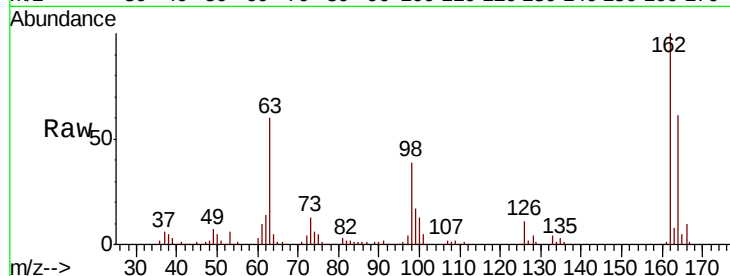




#29
 2,4-Dichlorophenol
 Concen: 31.035 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.4	42.7	82.7
98	39.1	18.1	58.1

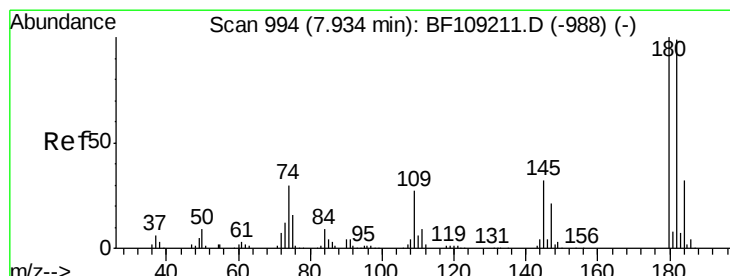
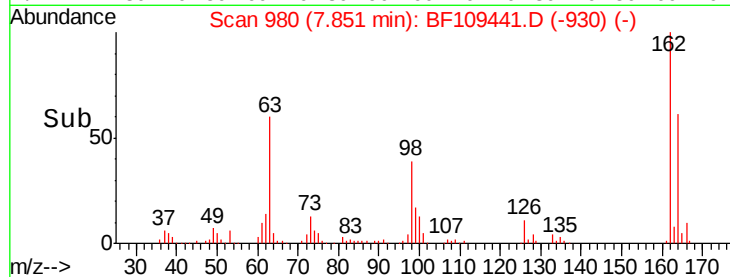
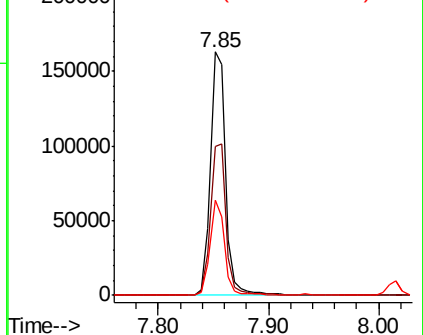


Abundance

Ion 162.00 (161.70 to 162.70): E

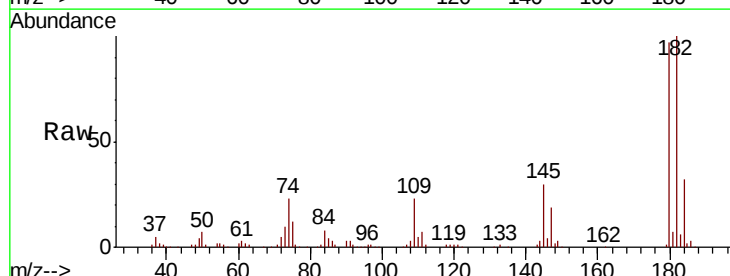
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 29.407 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.9	76.8	115.2
145	31.1	26.5	39.7

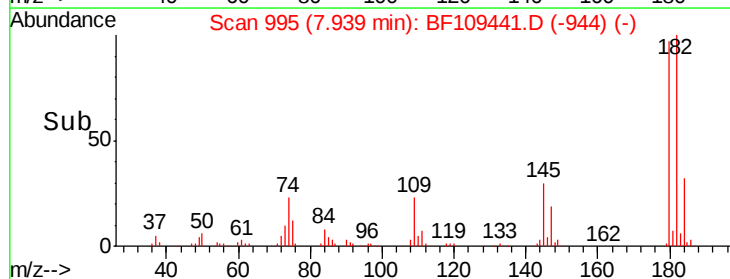
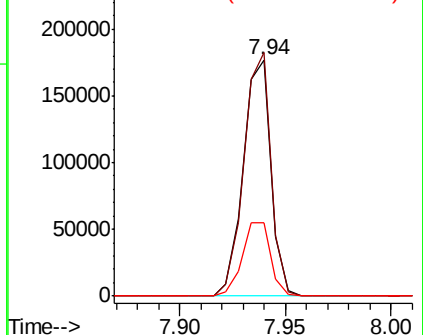


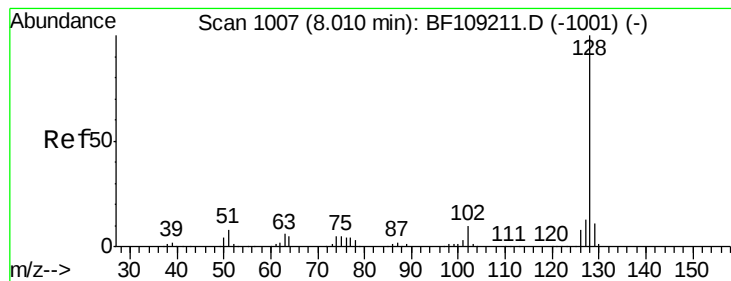
Abundance

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: 32.314 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

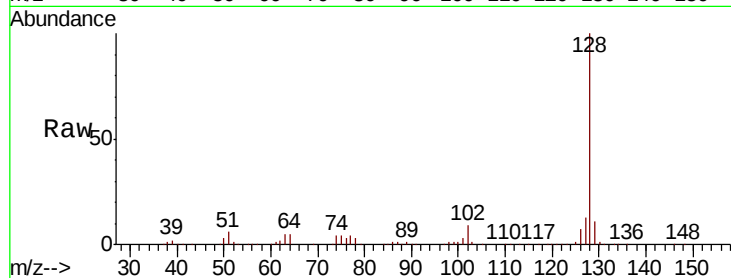
Tgt Ion:128 Resp: 528961

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 13.3 10.9 16.3

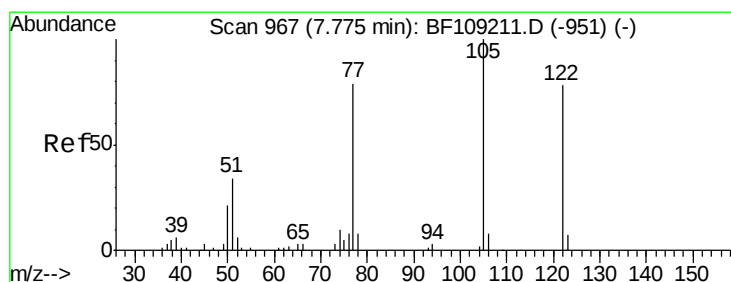
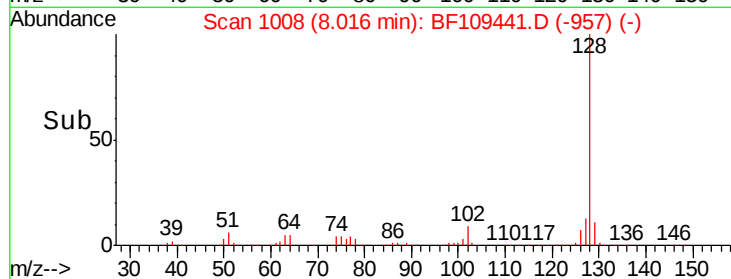
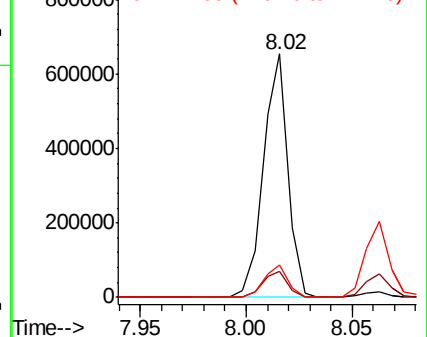


Abundance

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: 51.857 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.16 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

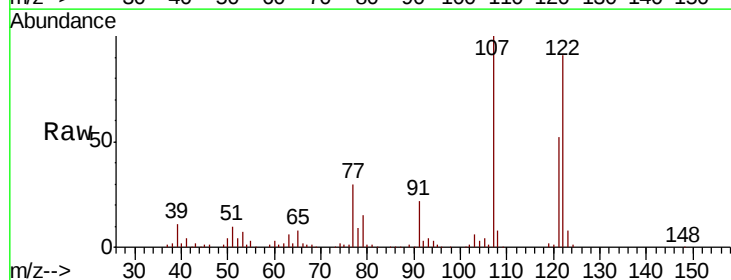
Tgt Ion:122 Resp: 166095

Ion Ratio Lower Upper

122 100

105 3.9 101.1 141.1#

77 33.2 70.7 110.7#

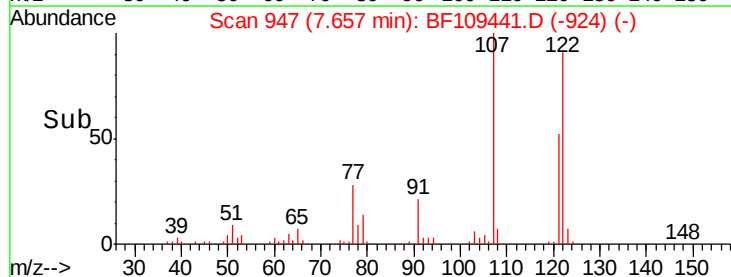
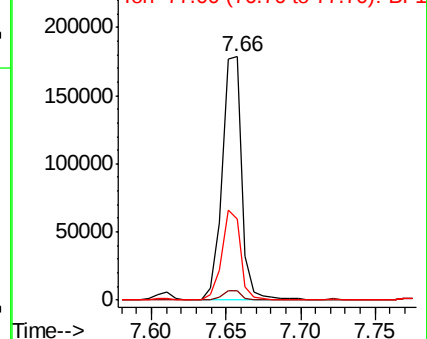


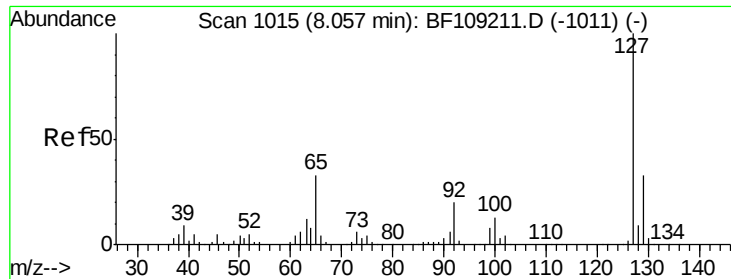
Abundance

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

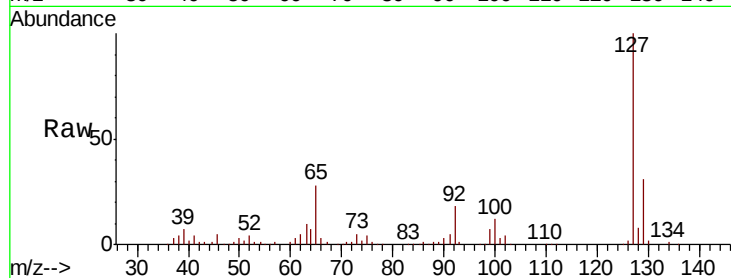




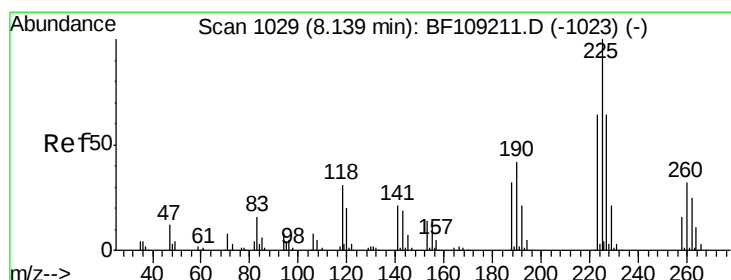
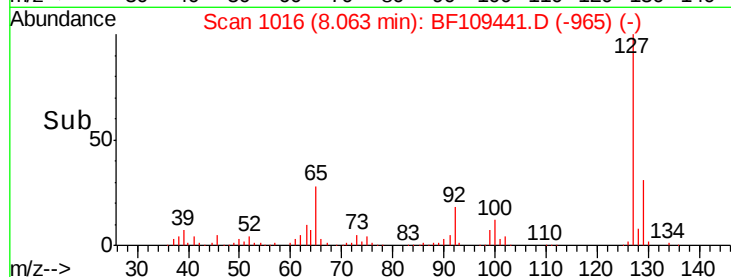
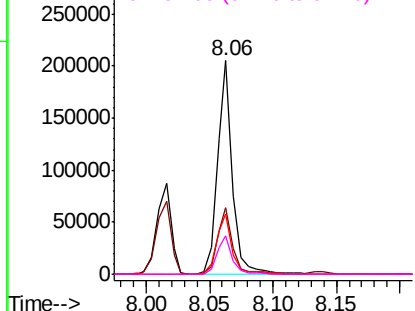
#33
4-Chloroaniline
Concen: 23.470 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MSD

Tgt Ion:	127	Resp:	167840
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	28.0	25.0	37.4
92	17.9	15.2	22.8

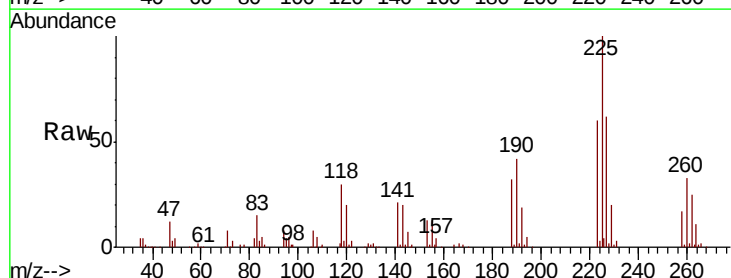


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

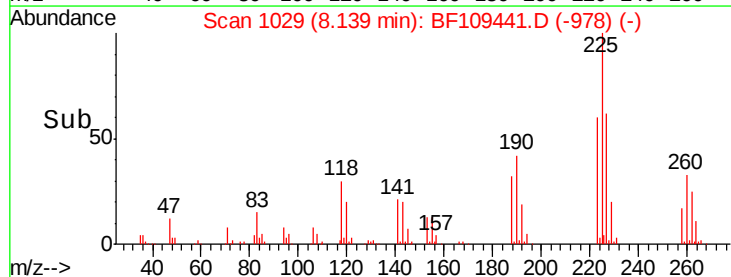
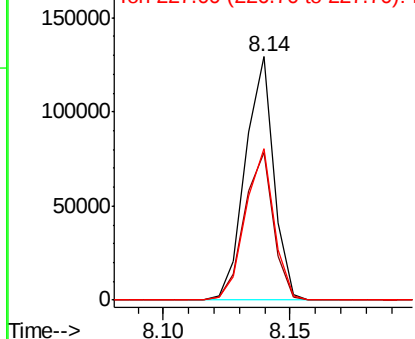


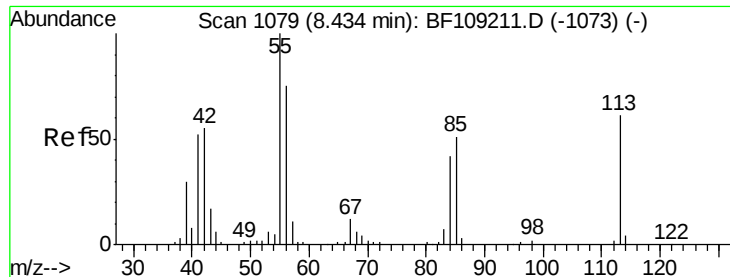
#34
Hexachlorobutadiene
Concen: 30.672 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion:	225	Resp:	101077
Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.6	76.0
227	62.0	51.9	77.9



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

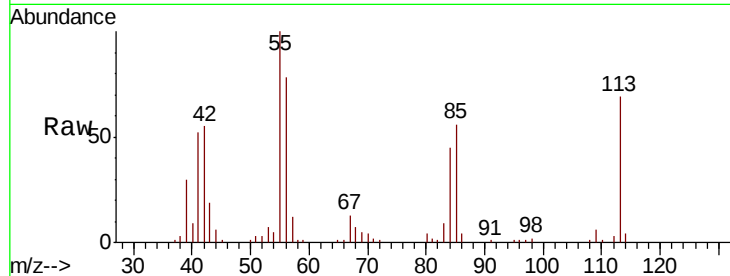




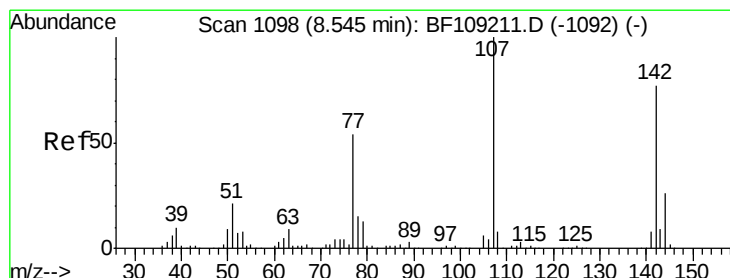
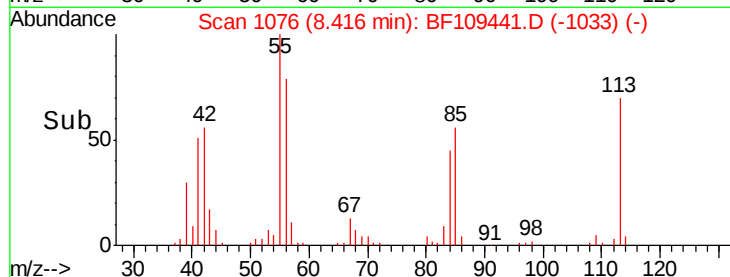
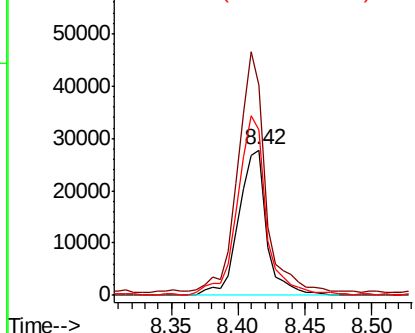
#35
 Caprolactam
 Concen: 25.904 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.05 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MSD

Tgt Ion:113 Resp: 40459
 Ion Ratio Lower Upper
 113 100
 55 145.0 163.3 203.3#
 56 113.5 115.7 155.7#

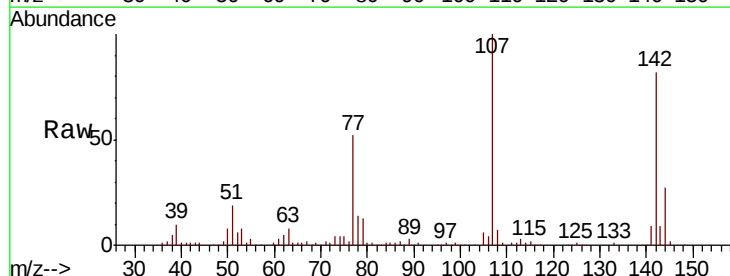


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

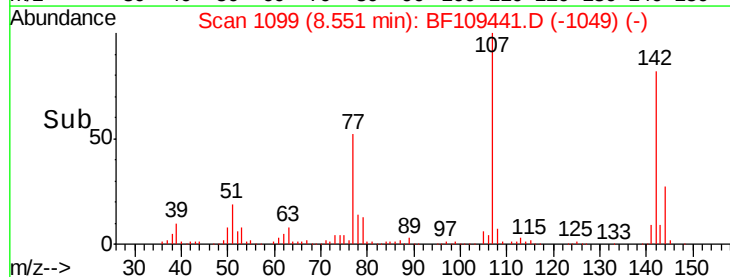
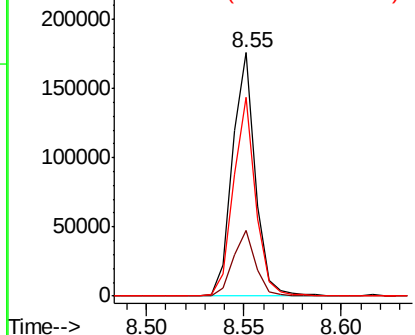


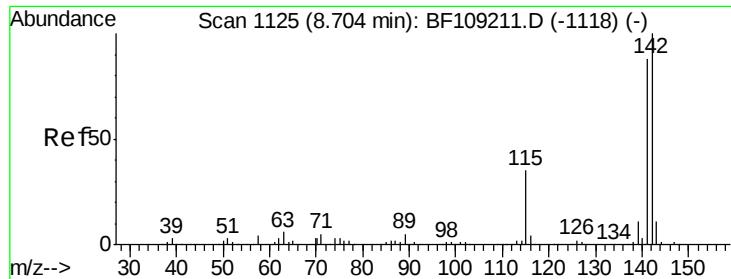
#36
 4-Chloro-3-methylphenol
 Concen: 27.883 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion:107 Resp: 143535
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 81.7 62.0 93.0



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

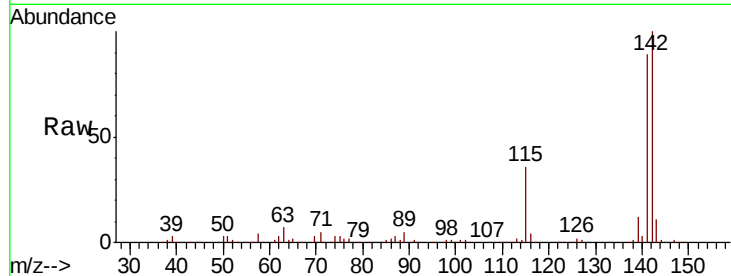




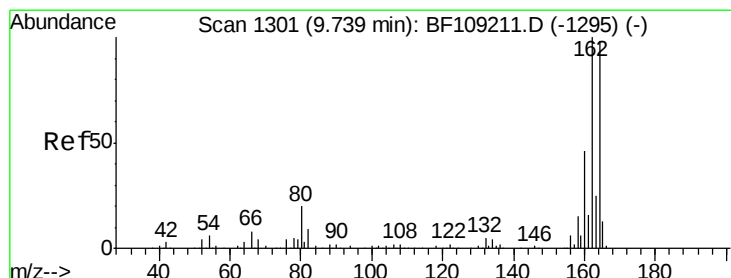
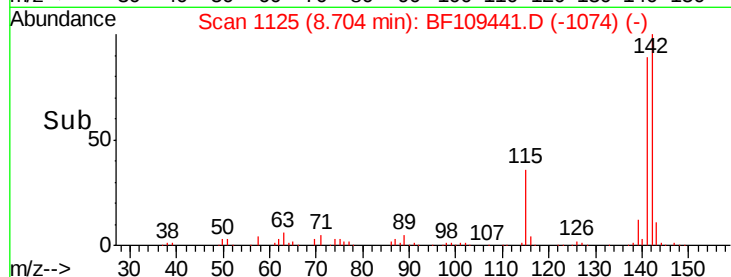
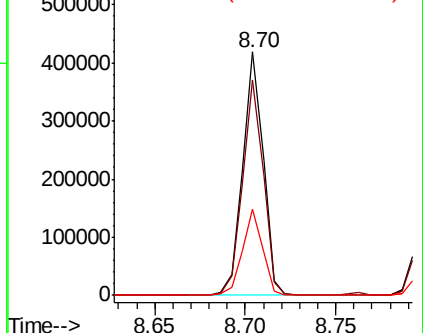
#37
2-Methylnaphthalene
Concen: 31.427 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MSD

Tgt Ion:142 Resp: 331640
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 35.6 26.1 39.1

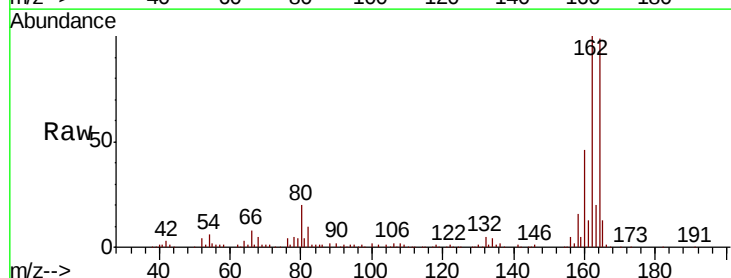


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

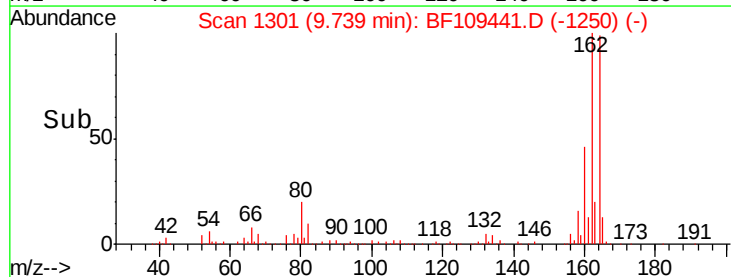
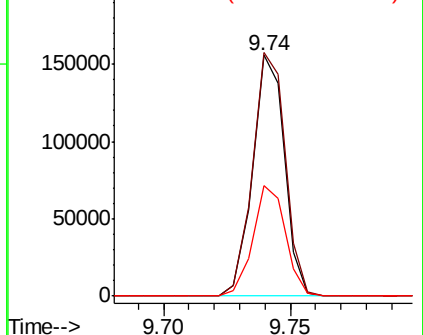


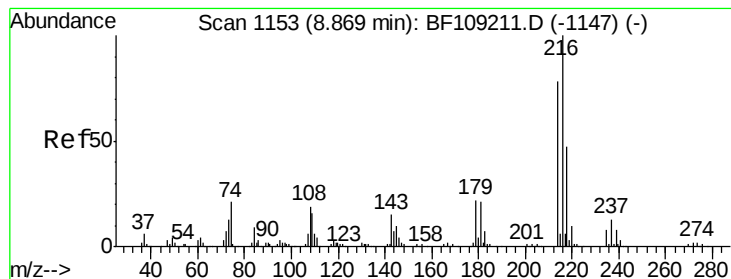
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion:164 Resp: 136570
Ion Ratio Lower Upper
164 100
162 101.1 86.1 129.1
160 46.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.315 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

Tgt Ion:216 Resp: 149145

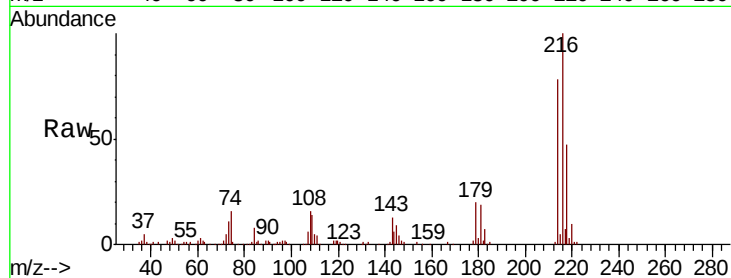
Ion Ratio Lower Upper

216 100

214 78.0 63.0 94.4

179 20.2 18.1 27.1

108 17.4 17.2 25.8

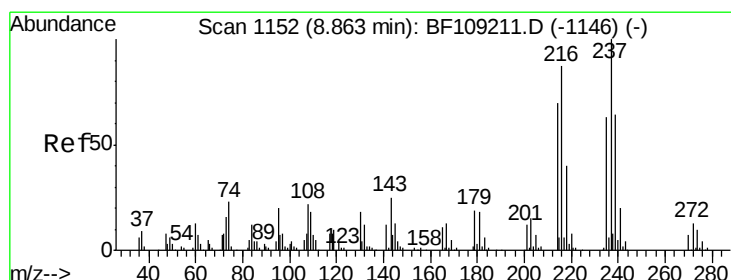
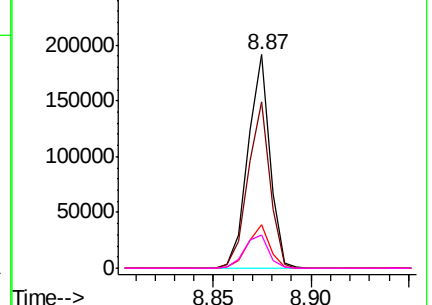
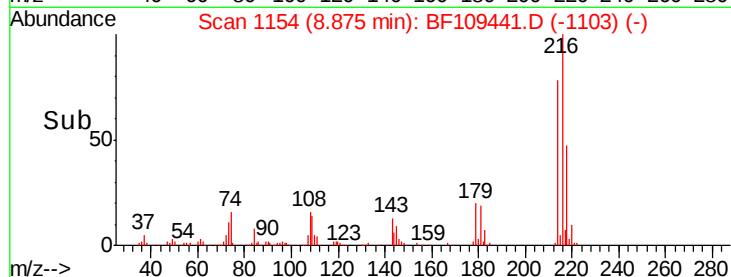


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 4.725 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

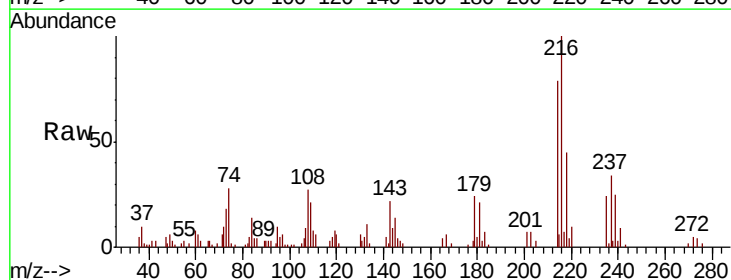
Tgt Ion:237 Resp: 8957

Ion Ratio Lower Upper

237 100

235 70.0 44.8 84.8

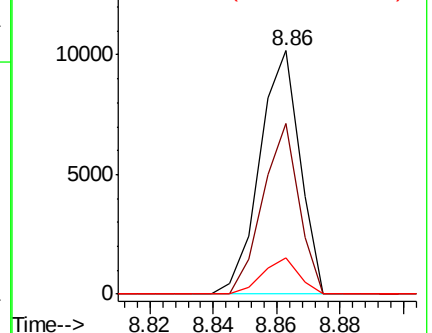
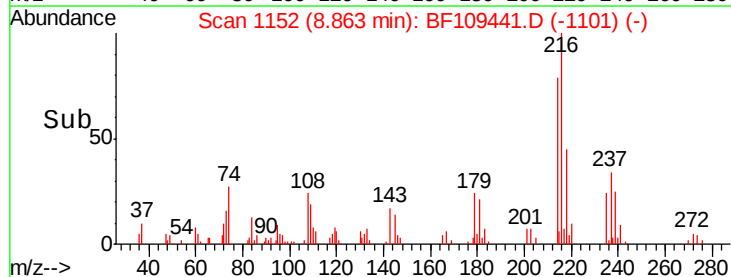
272 14.9 0.0 33.3

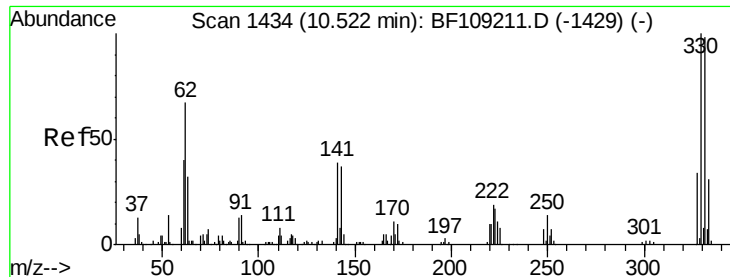


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 85.653 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

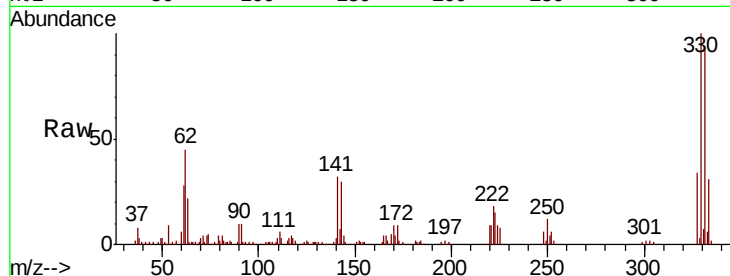
Tgt Ion:330 Resp: 115314

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

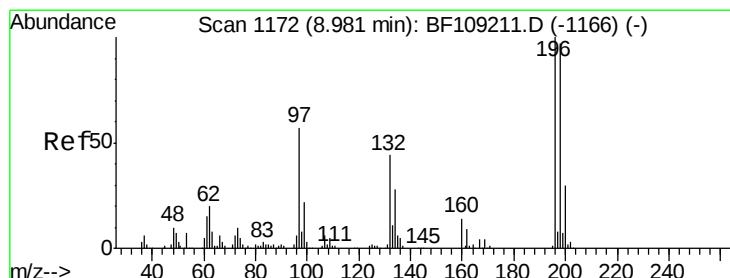
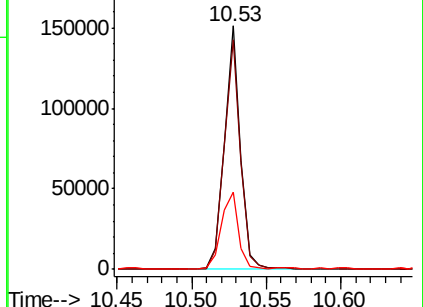
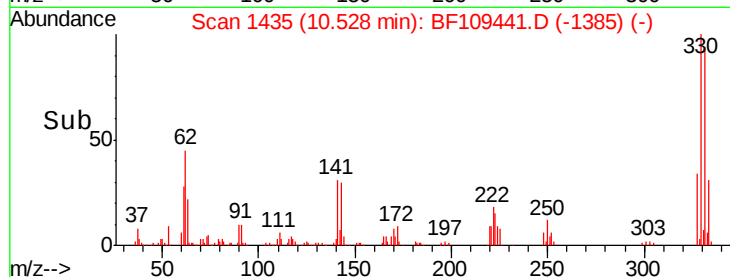
141 35.0 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 32.539 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

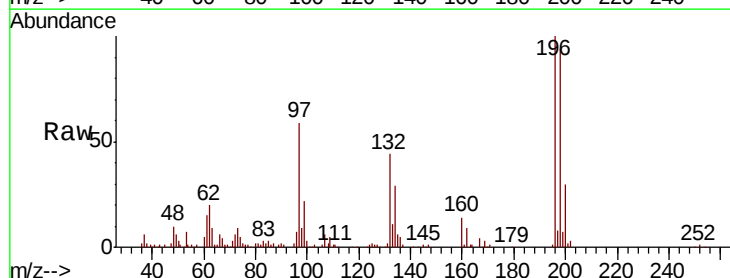
Tgt Ion:196 Resp: 90768

Ion Ratio Lower Upper

196 100

198 93.8 75.7 113.5

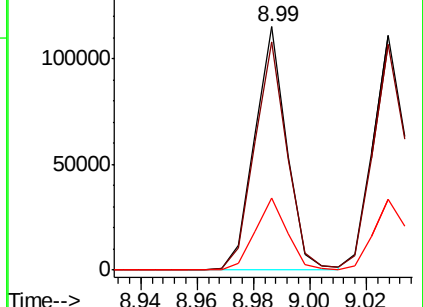
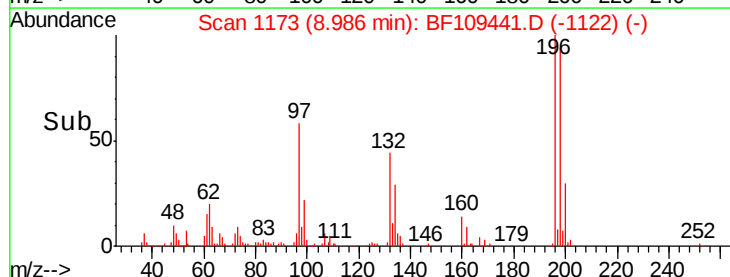
200 29.7 24.5 36.7

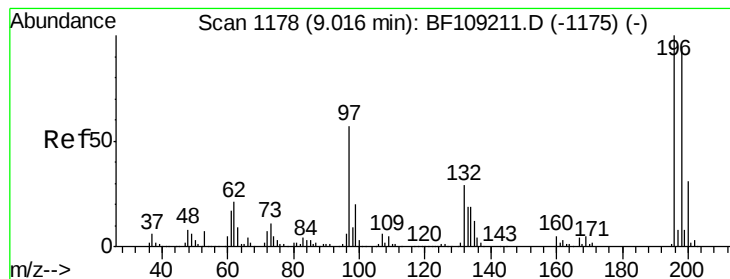


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 31.628 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

Tgt Ion:196 Resp: 93181

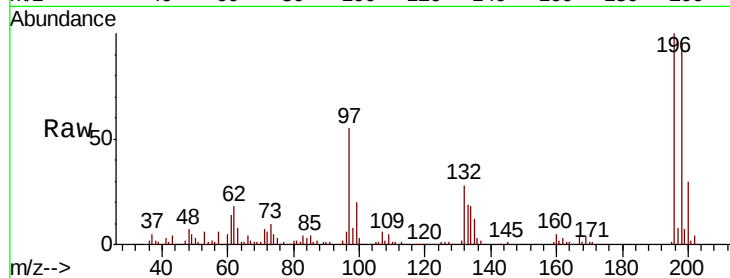
Ion Ratio Lower Upper

196 100

198 96.2 74.6 112.0

97 54.6 42.9 64.3

132 27.7 26.3 39.5

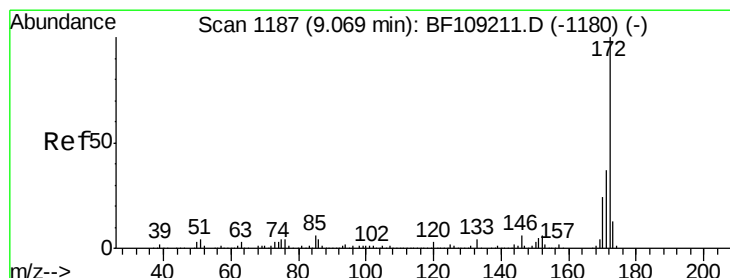
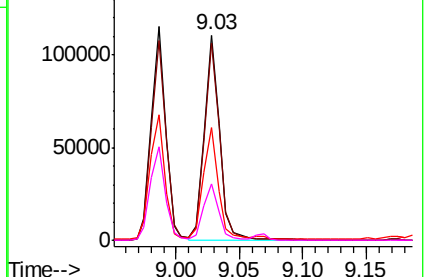
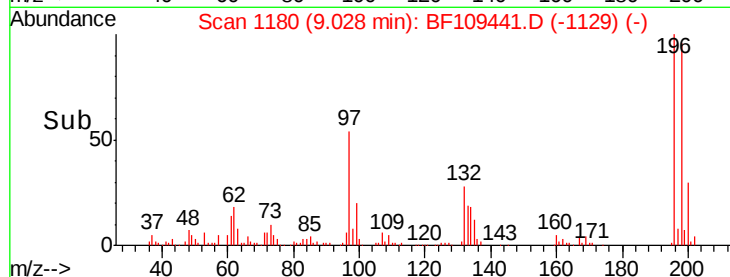


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 66.856 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

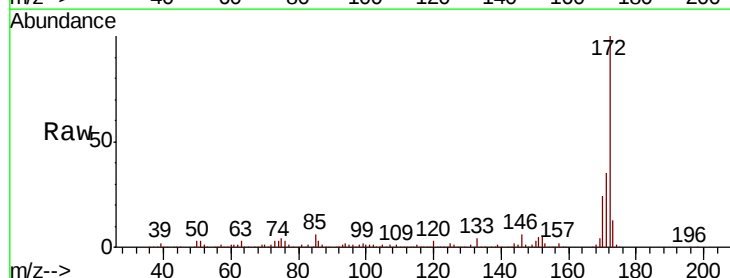
Tgt Ion:172 Resp: 605399

Ion Ratio Lower Upper

172 100

171 35.2 29.7 44.5

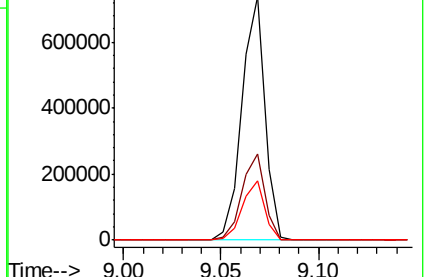
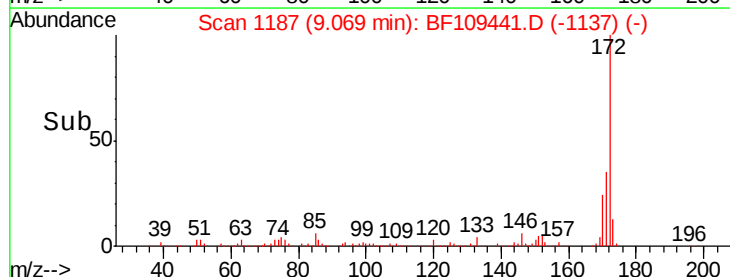
170 24.2 19.6 29.4

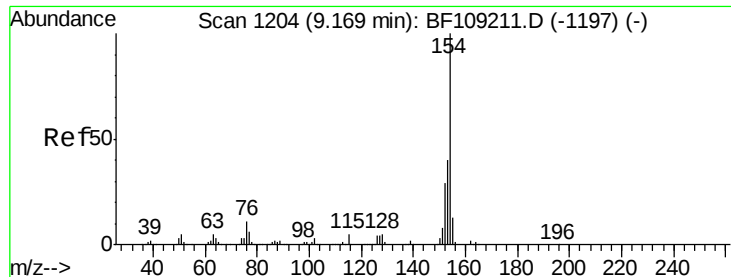


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

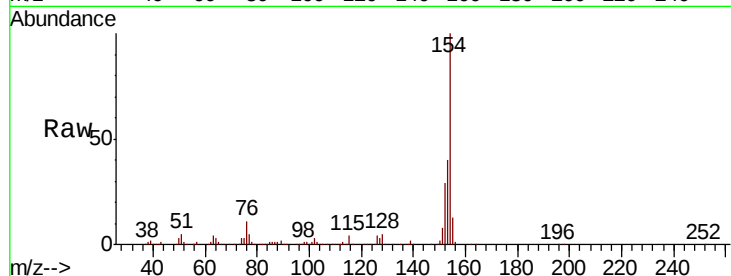




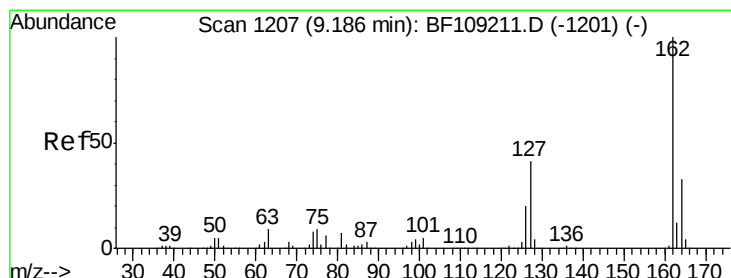
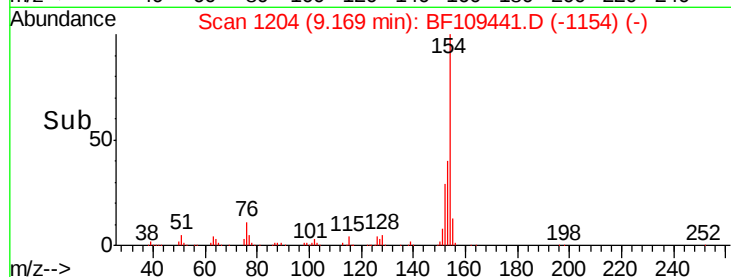
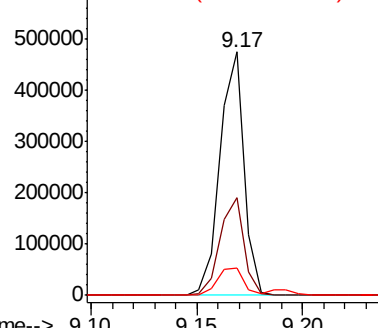
#45
 1,1'-Biphenyl
 Concen: 33.720 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MSD

Tgt Ion:154 Resp: 375207
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.3 61.3
 76 11.1 0.0 34.0

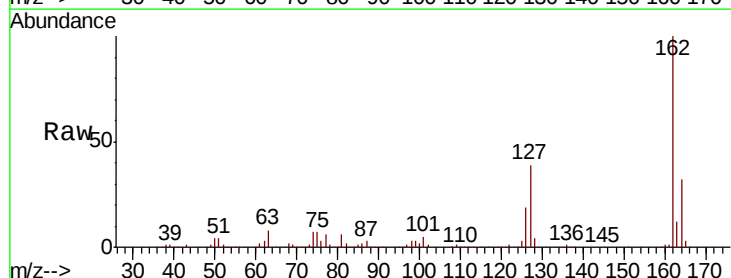


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

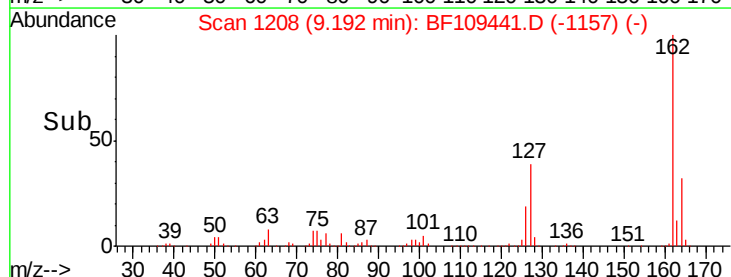
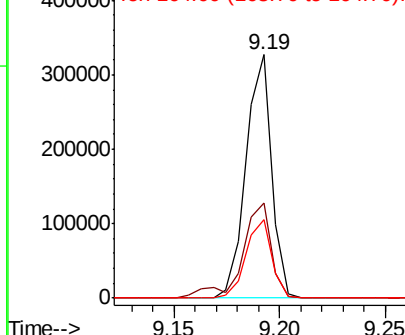


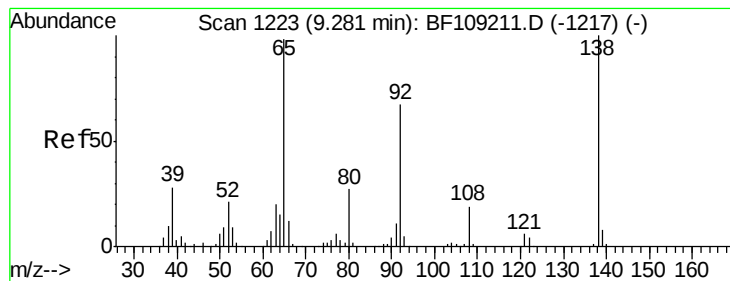
#46
 2-Chloronaphthalene
 Concen: 31.033 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion:162 Resp: 275863
 Ion Ratio Lower Upper
 162 100
 127 39.2 33.9 50.9
 164 32.4 26.5 39.7



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





#47

2-Nitroaniline

Concen: 38.172 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

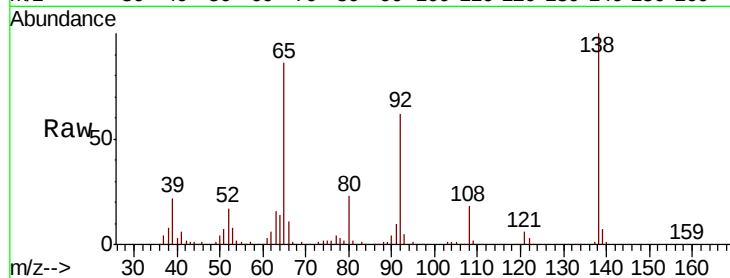
Tgt Ion: 65 Resp: 96205

Ion Ratio Lower Upper

65 100

92 71.7 55.8 83.6

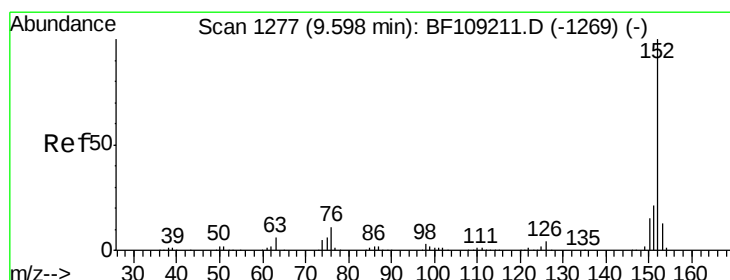
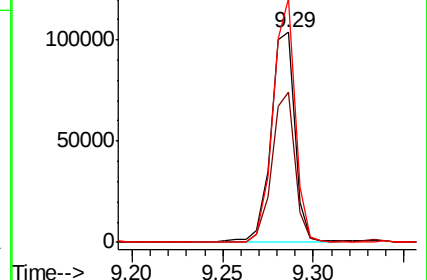
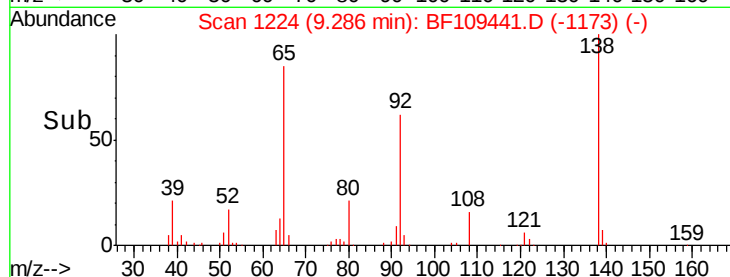
138 116.1 91.2 136.8



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): BF1



#48

Acenaphthylene

Concen: 31.899 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

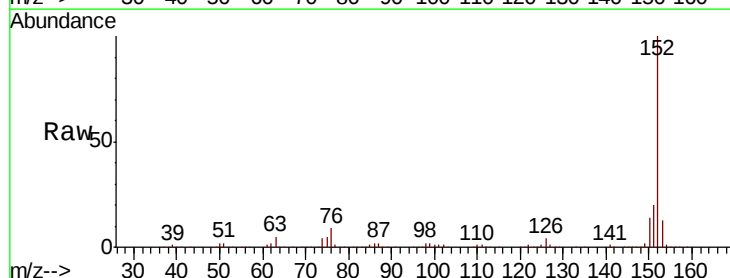
Tgt Ion: 152 Resp: 427779

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

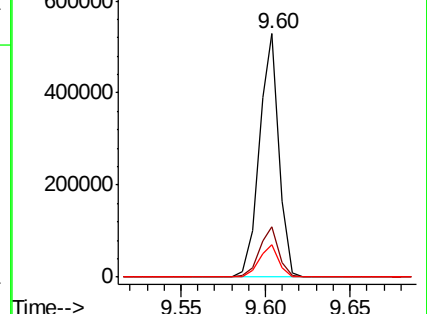
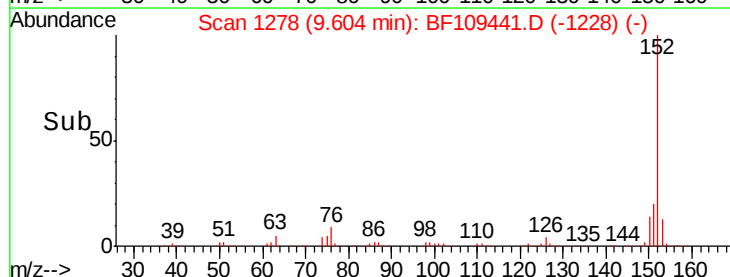
153 13.1 10.7 16.1

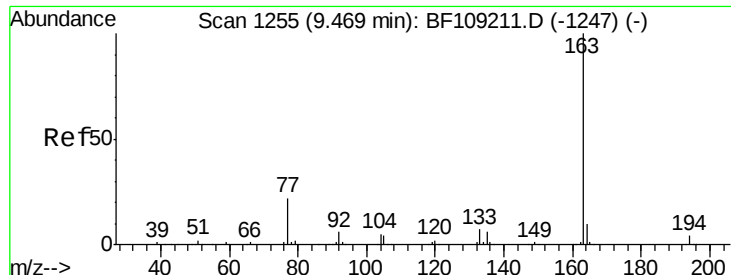


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

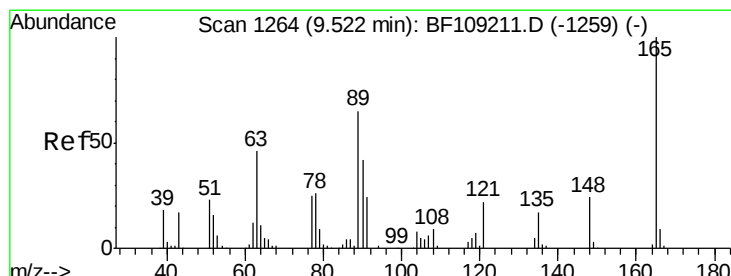
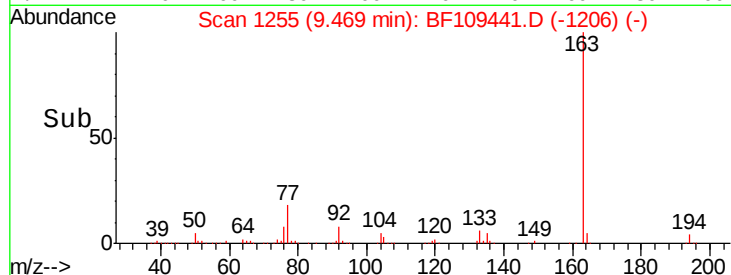
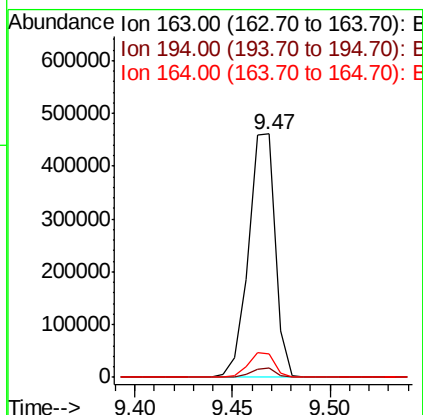
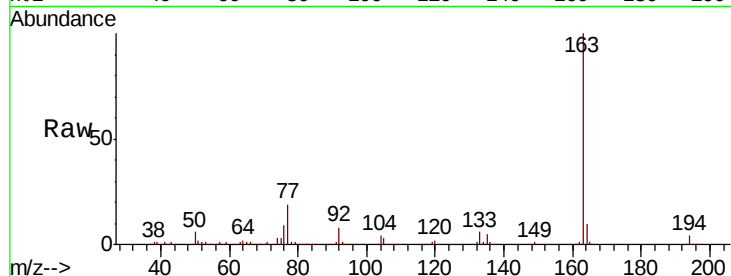




#49
 Dimethylphthalate
 Concen: 44.039 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

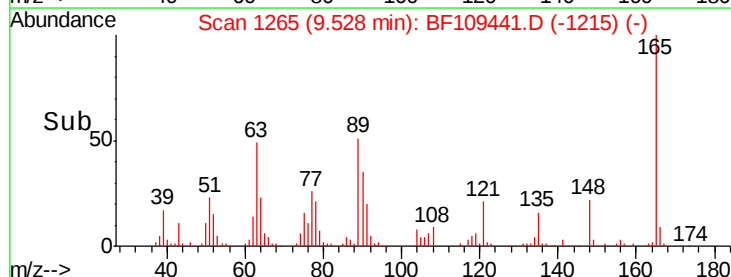
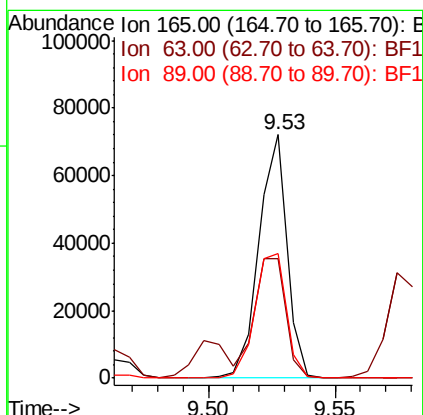
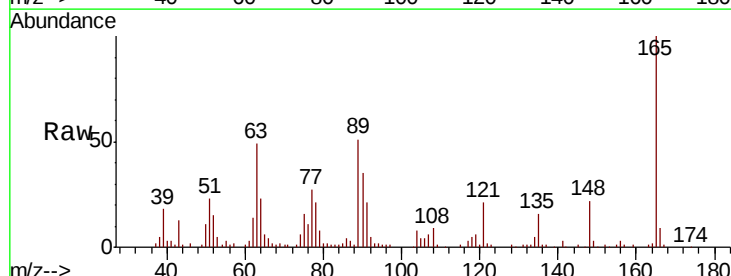
Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MSD

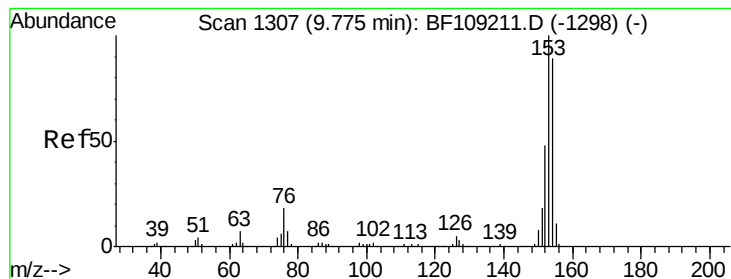
Tgt Ion:163 Resp: 437446
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 9.6 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 28.511 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion:165 Resp: 56090
 Ion Ratio Lower Upper
 165 100
 63 49.1 44.7 67.1
 89 51.4 44.0 66.0





#51

Acenaphthene

Concen: 30.500 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

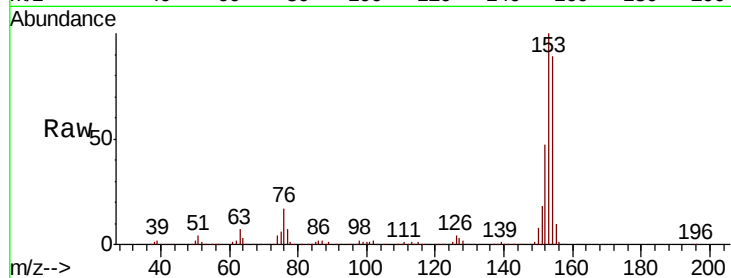
Tgt Ion:154 Resp: 247283

Ion Ratio Lower Upper

154 100

153 112.1 91.2 136.8

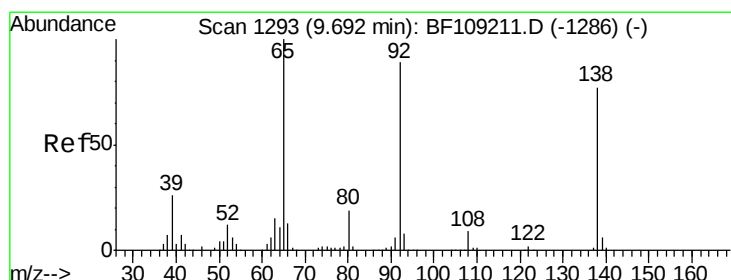
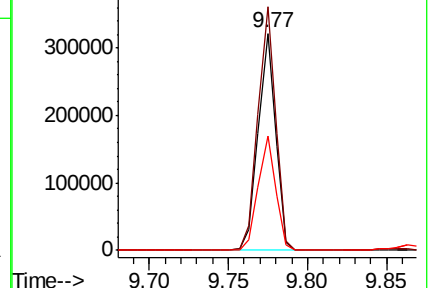
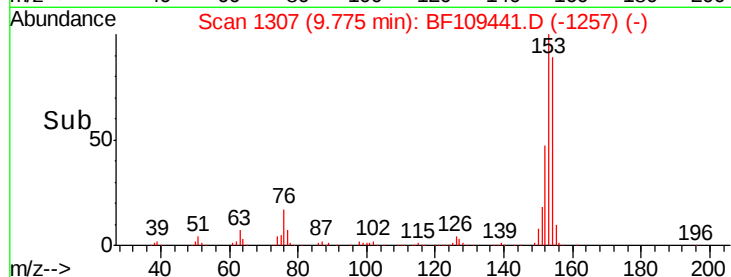
152 52.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.792 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

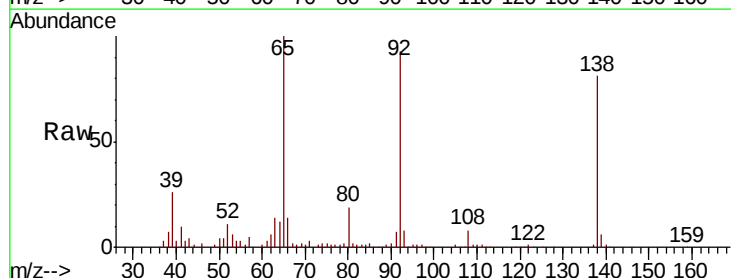
Tgt Ion:138 Resp: 83823

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

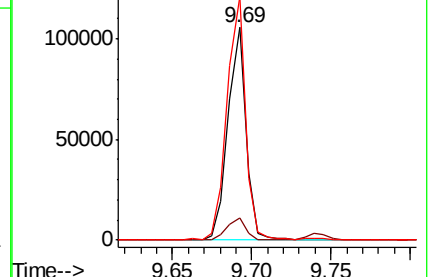
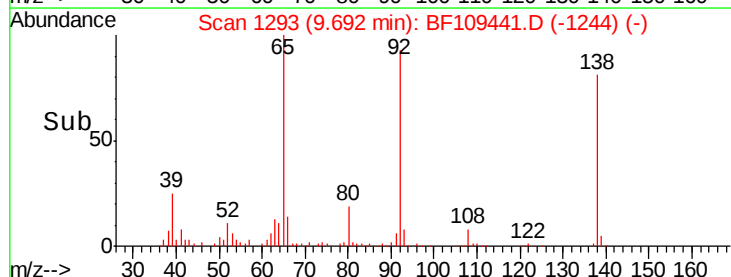
92 114.5 89.4 134.2

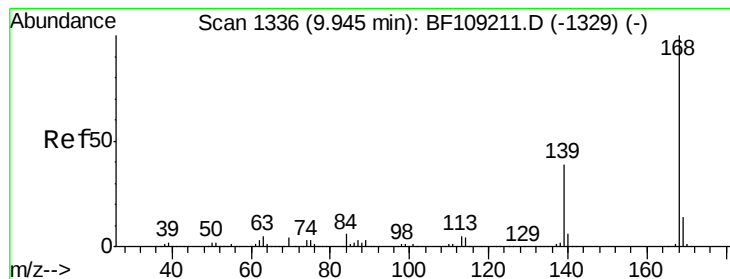


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzenofuran

Concen: 29.848 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

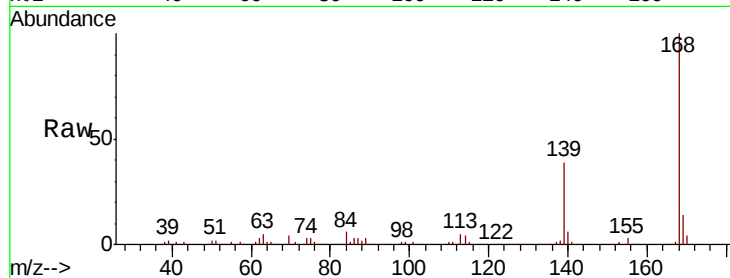
Tgt Ion:168 Resp: 359903

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

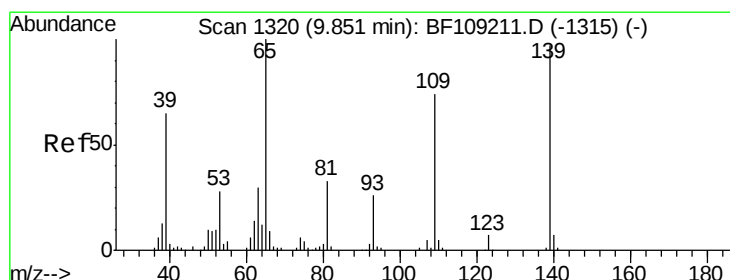
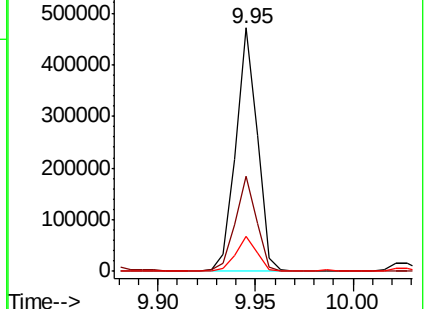
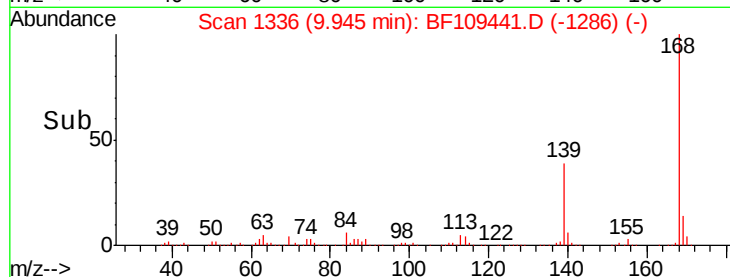
169 14.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 53.037 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

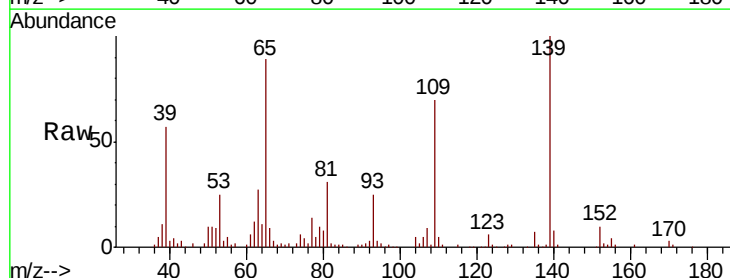
Tgt Ion:139 Resp: 91026

Ion Ratio Lower Upper

139 100

109 70.4 48.4 88.4

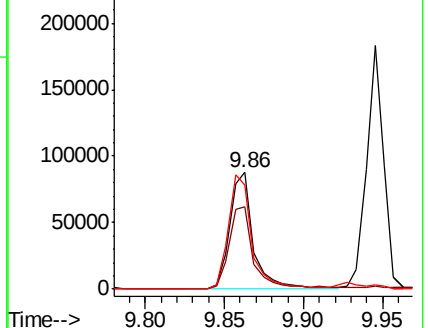
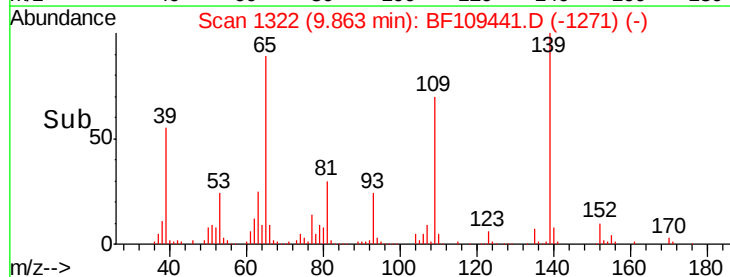
65 89.1 72.6 112.6

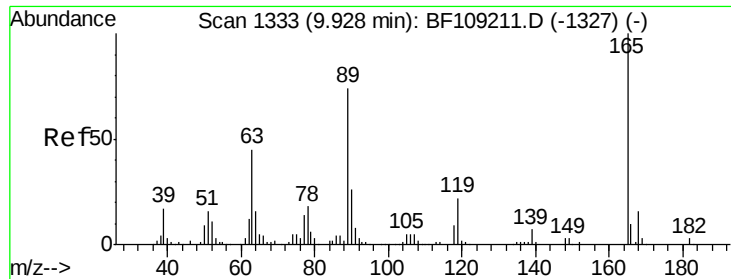


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 25.836 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

Tgt Ion:165 Resp: 64310

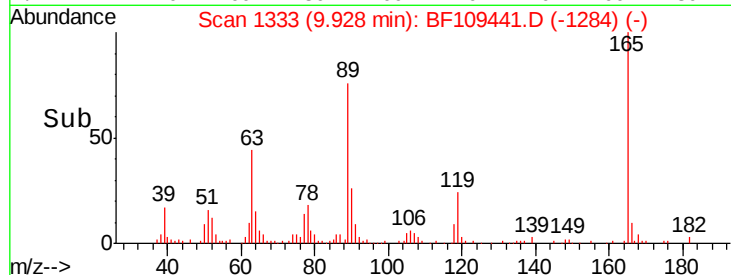
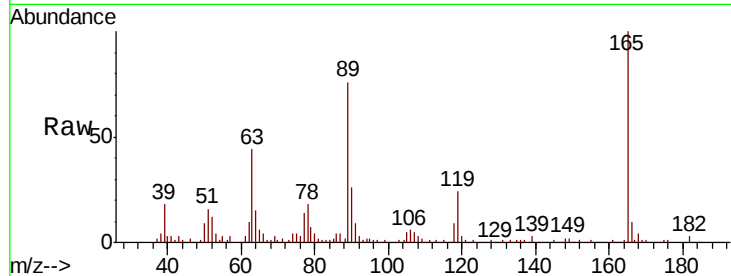
Ion Ratio Lower Upper

165 100

63 44.4 36.4 54.6

89 76.1 57.8 86.6

182 3.1 1.6 2.4#



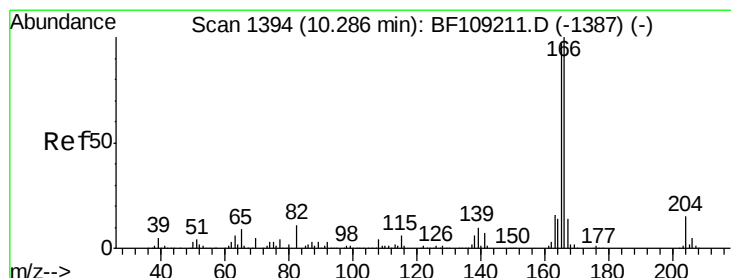
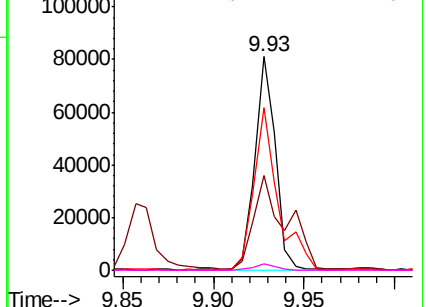
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 31.658 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

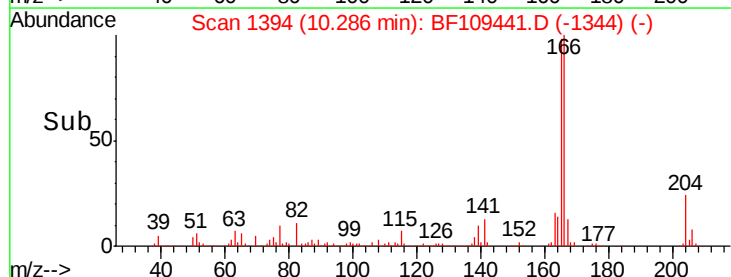
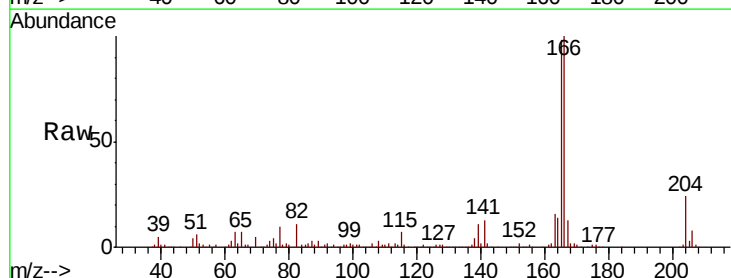
Tgt Ion:166 Resp: 272356

Ion Ratio Lower Upper

166 100

165 98.2 79.8 119.8

167 13.1 10.6 16.0

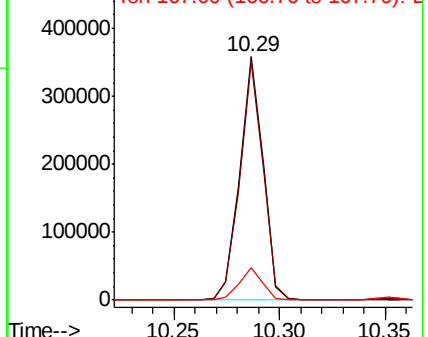


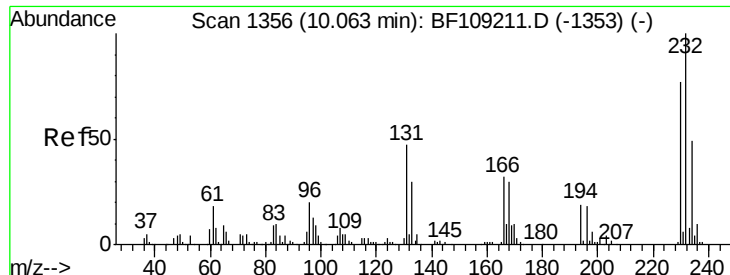
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

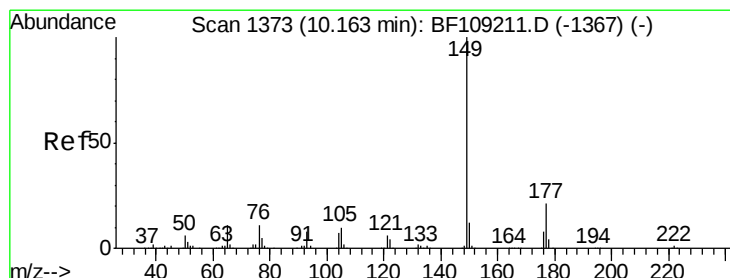
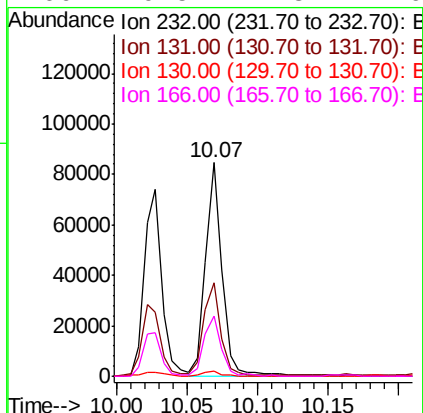
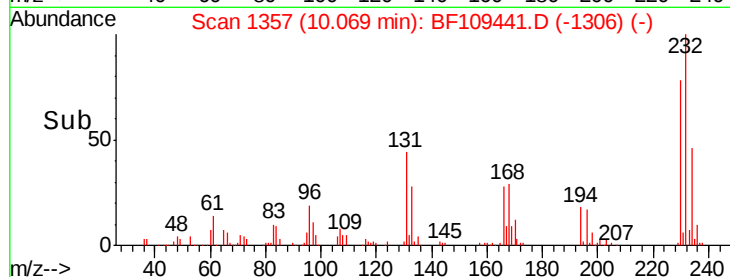
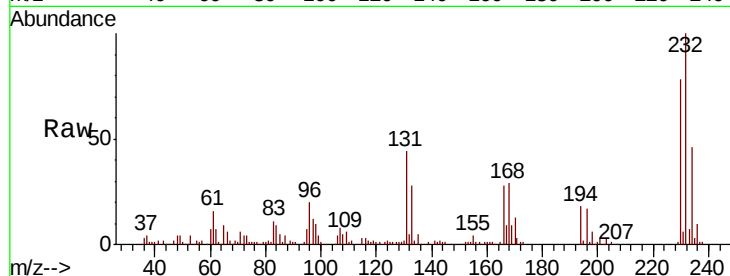




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.067 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

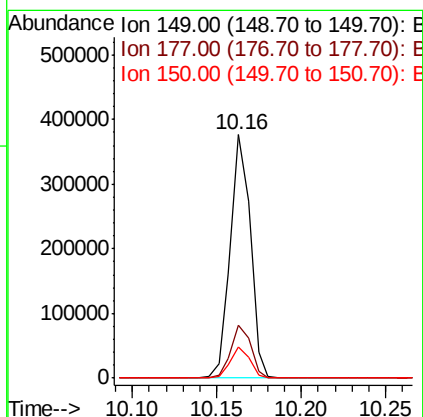
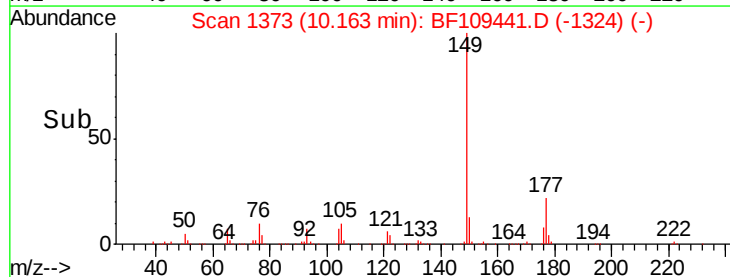
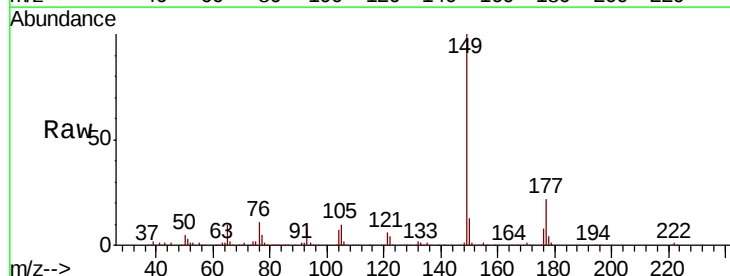
Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MSD

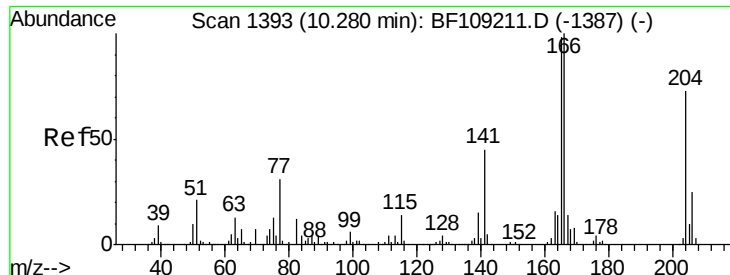
Tgt Ion:	232	Resp:	70137
Ion	Ratio	Lower	Upper
232	100		
131	44.9	43.8	65.8
130	2.4	2.1	3.1
166	29.5	27.8	41.6



#59
 Diethylphthalate
 Concen: 30.967 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion:	149	Resp:	311489
Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.1	24.1
150	12.6	10.1	15.1

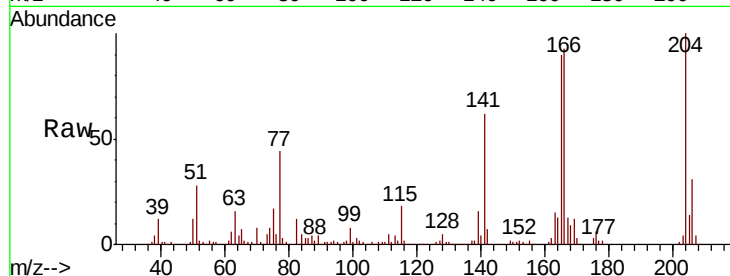




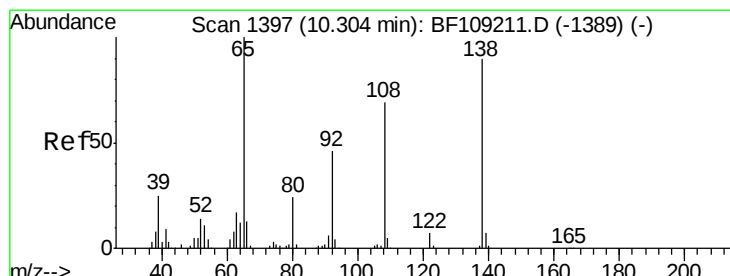
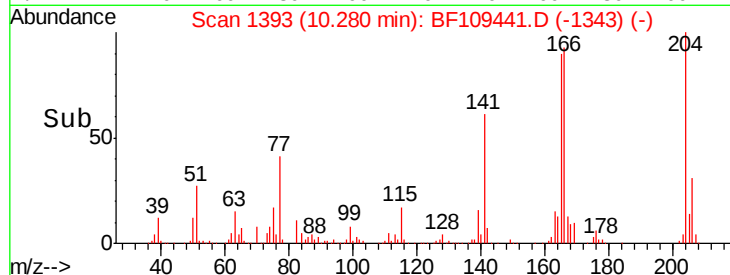
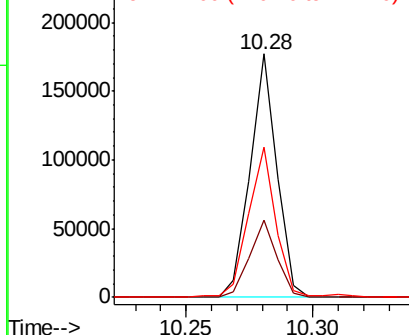
#60
 4-Chlorophenyl-phenylether
 Concen: 29.002 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MSD

Tgt Ion:	204	Resp:	130323
Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.5	39.7
141	61.6	54.6	81.8

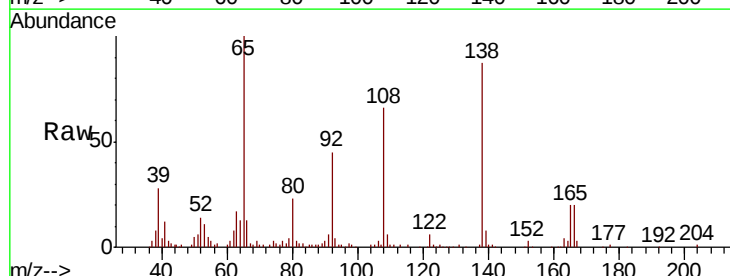


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

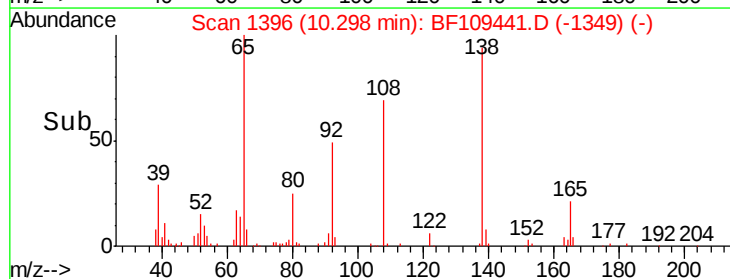
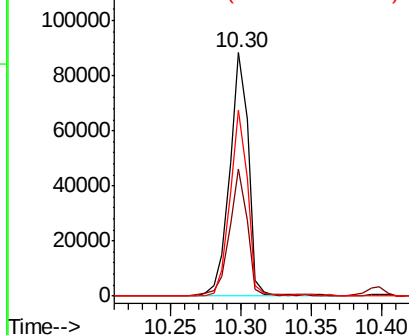


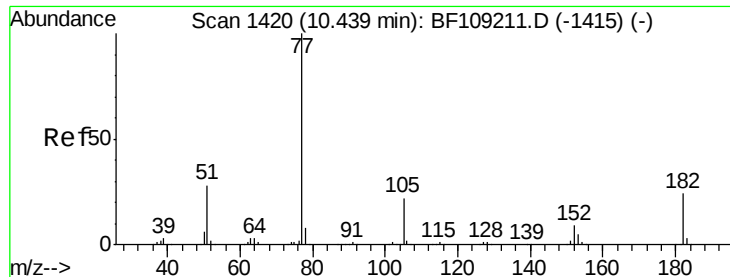
#61
 4-Nitroaniline
 Concen: 36.797 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion:	138	Resp:	81758
Ion	Ratio	Lower	Upper
138	100		
92	52.0	30.2	70.2
108	76.6	52.5	92.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

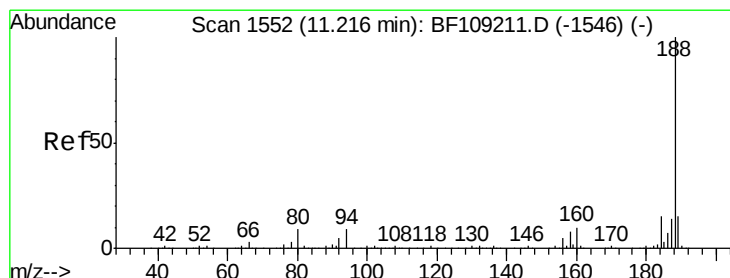
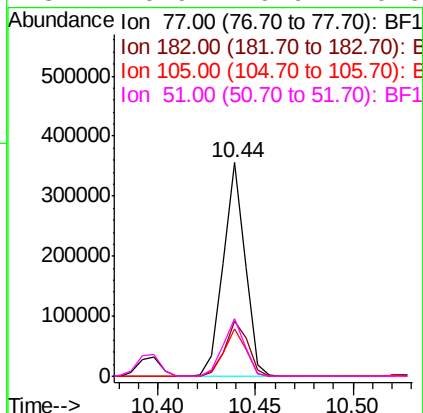
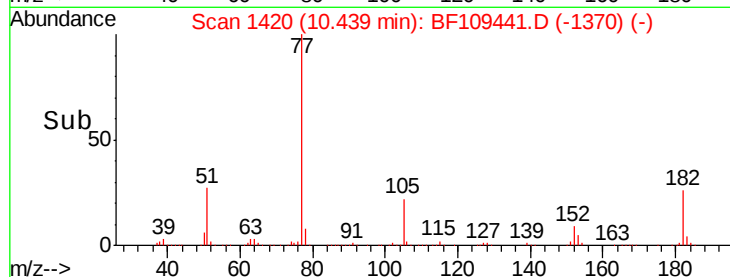
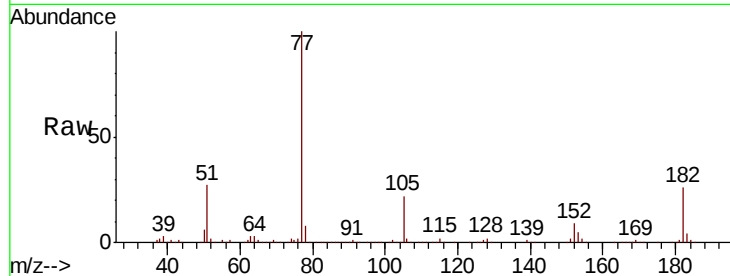




#62
Azobenzene
Concen: 26.398 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

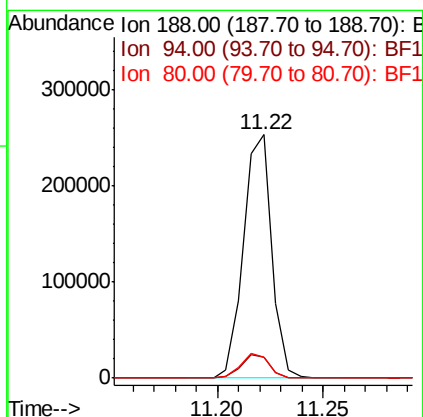
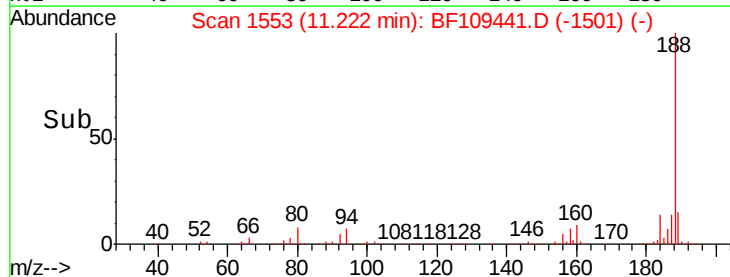
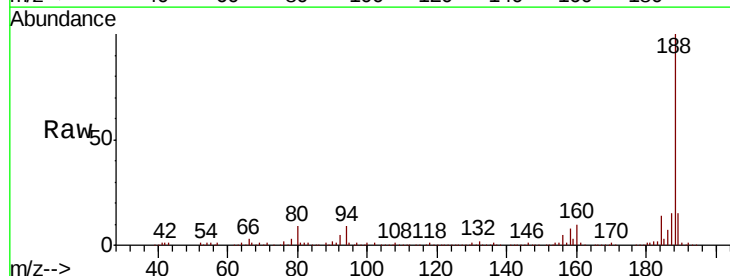
Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MSD

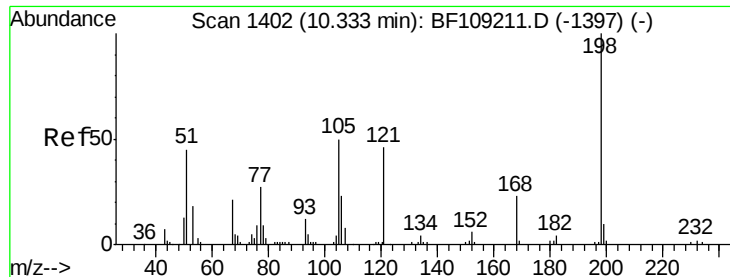
Tgt Ion: 77 Resp: 275876
Ion Ratio Lower Upper
77 100
182 25.9 1.7 41.7
105 22.4 3.0 43.0
51 26.9 9.9 49.9



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion: 188 Resp: 233984
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 8.6 9.2 13.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 6.797 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

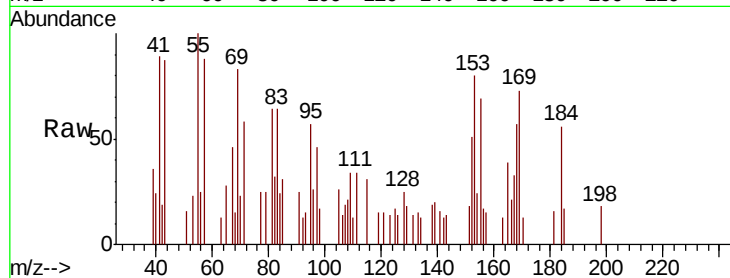
Tgt Ion:198 Resp: 300

Ion Ratio Lower Upper

198 100

51 90.3 37.7 77.7#

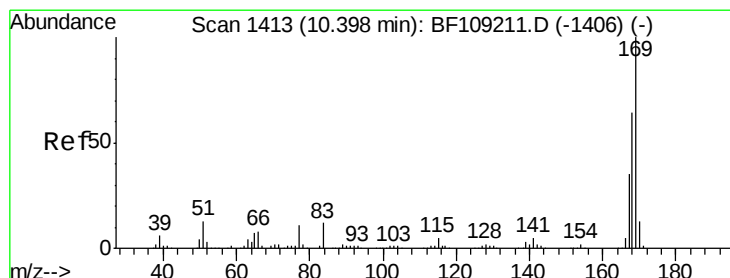
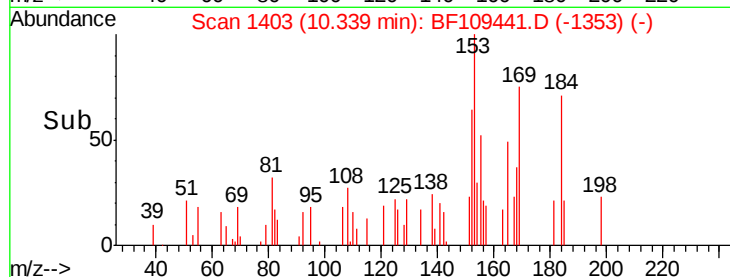
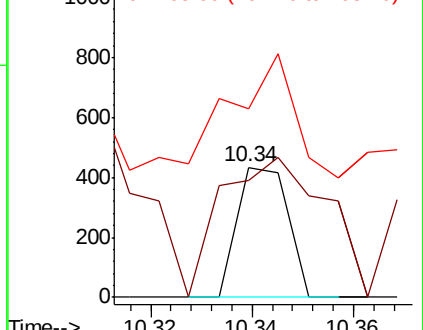
105 145.5 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 32.857 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

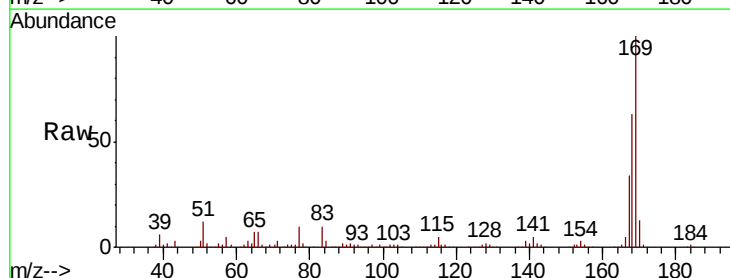
Tgt Ion:169 Resp: 254006

Ion Ratio Lower Upper

169 100

168 62.5 54.4 81.6

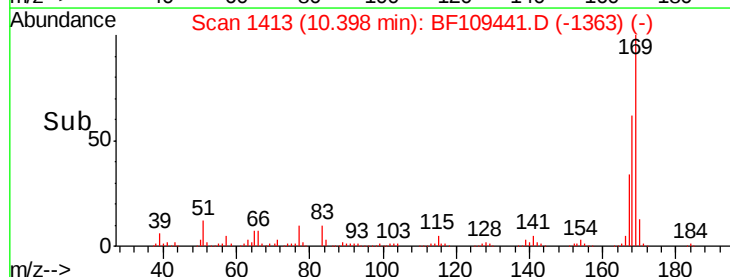
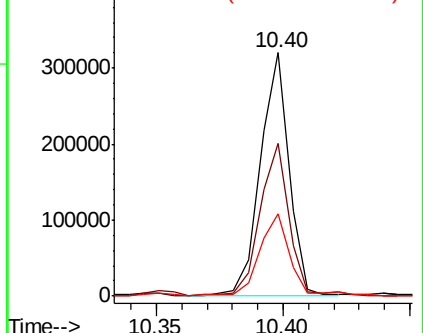
167 33.9 29.8 44.6

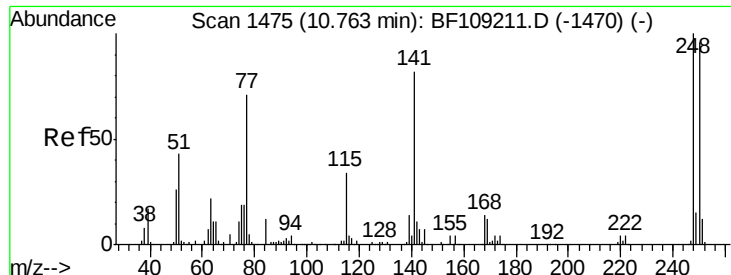


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

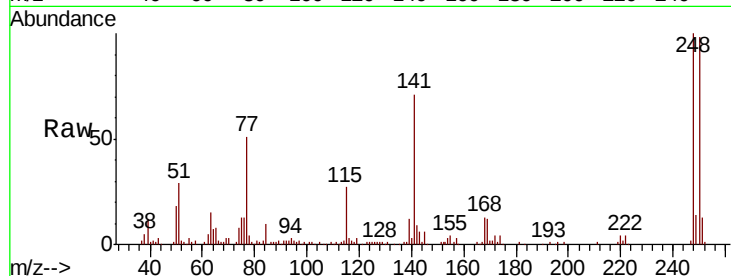




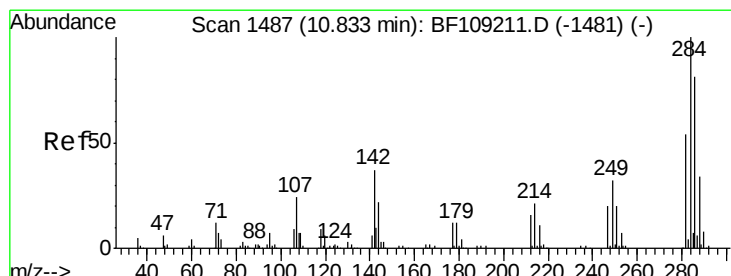
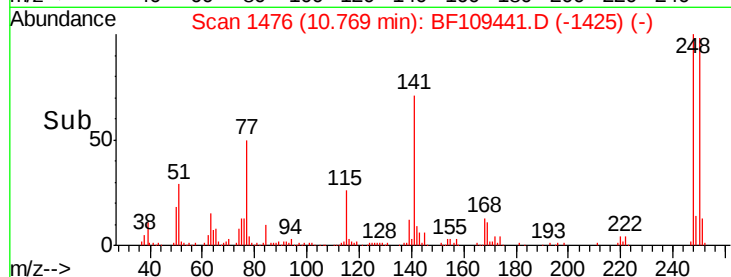
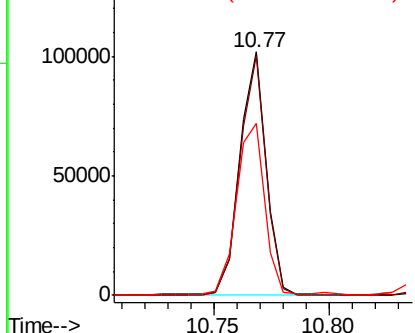
#66
4-Bromophenyl-phenylether
Concen: 31.251 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MSD

Tgt Ion:248 Resp: 81200
Ion Ratio Lower Upper
248 100
250 98.4 76.9 115.3
141 70.5 74.4 111.6#

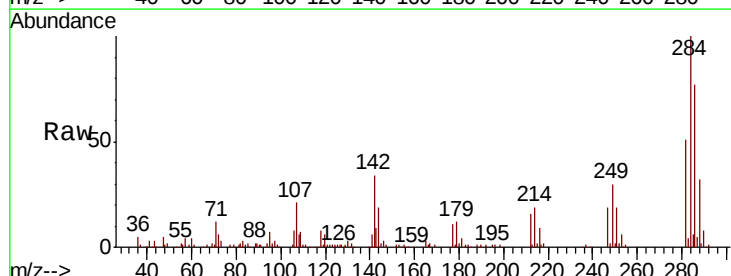


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

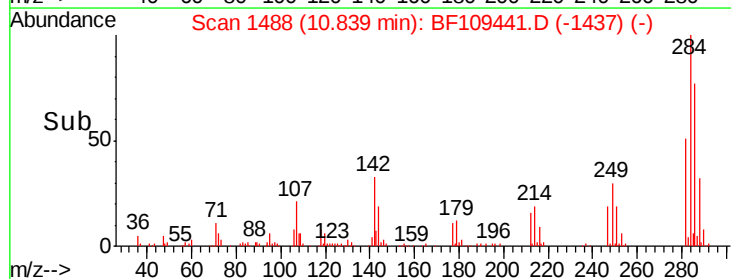
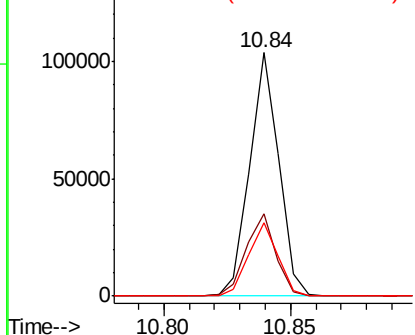


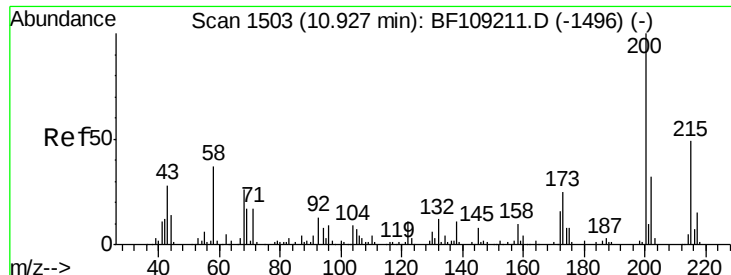
#67
Hexachlorobenzene
Concen: 30.138 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion:284 Resp: 83167
Ion Ratio Lower Upper
284 100
142 33.7 34.6 52.0#
249 30.2 24.8 37.2



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

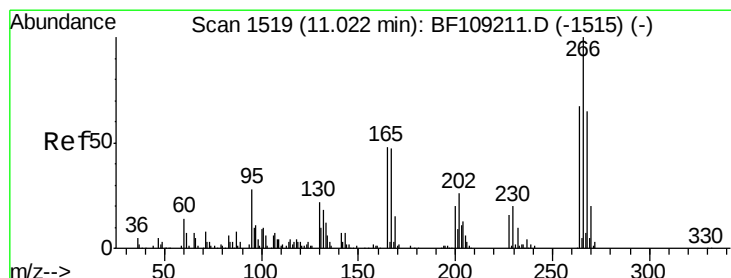
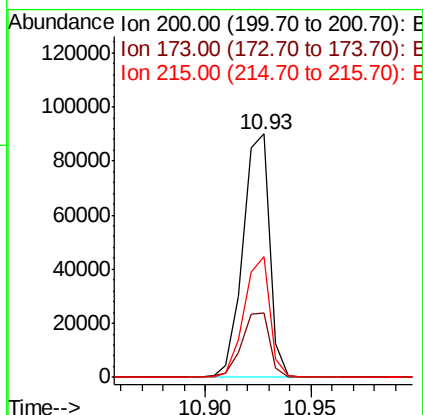
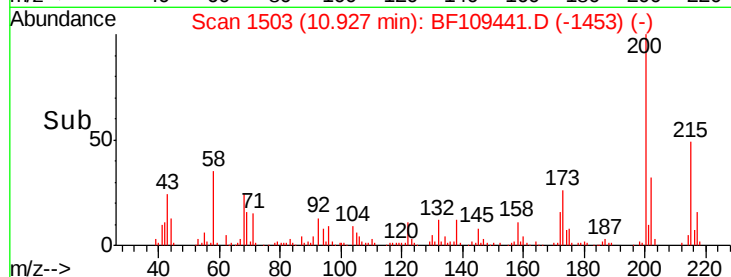
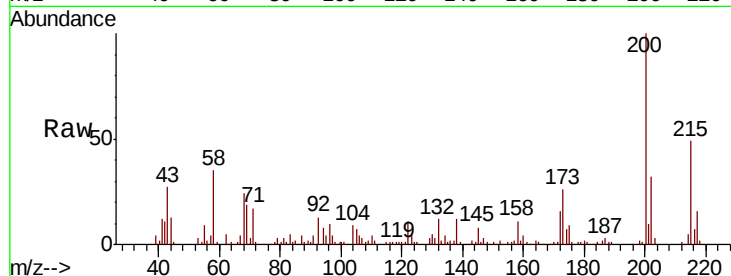




#68
Atrazine
Concen: 33.174 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

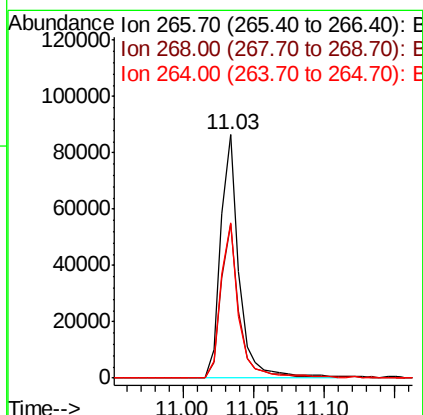
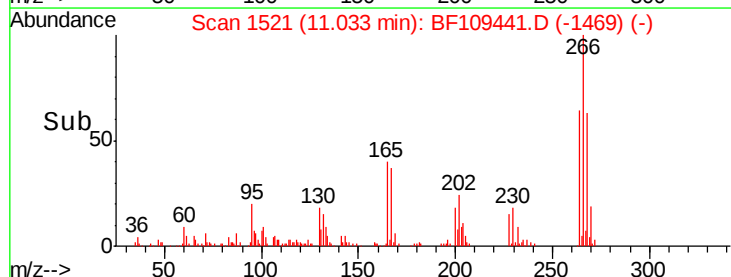
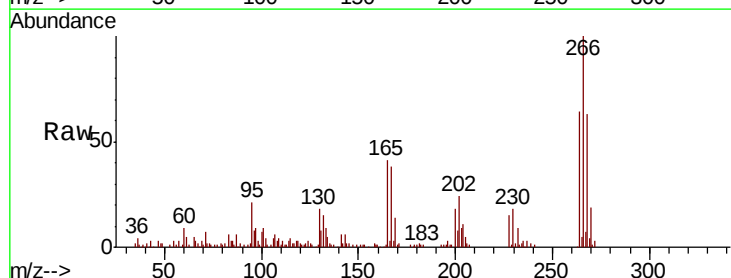
Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MSD

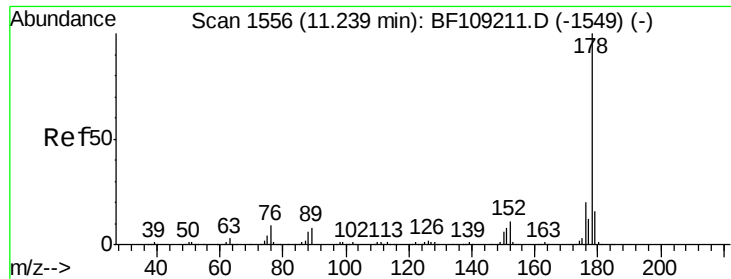
Tgt Ion: 200 Resp: 78875
Ion Ratio Lower Upper
200 100
173 26.2 8.6 48.6
215 49.4 25.1 65.1



#69
Pentachlorophenol
Concen: 47.879 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion: 266 Resp: 79078
Ion Ratio Lower Upper
266 100
268 63.2 51.1 76.7
264 63.8 49.5 74.3





#70

Phenanthrene

Concen: 42.838 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

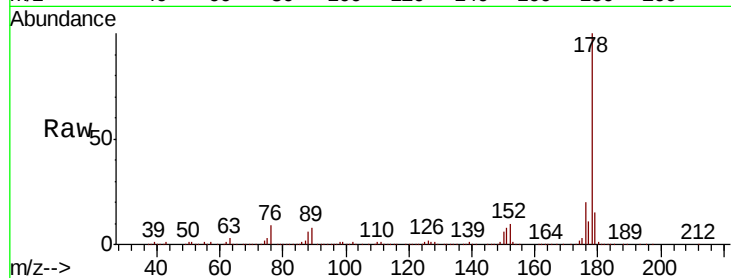
Tgt Ion:178 Resp: 500465

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

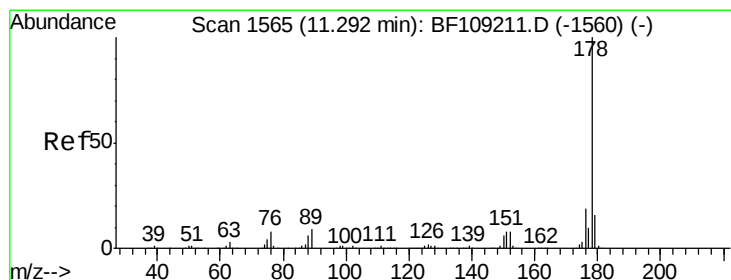
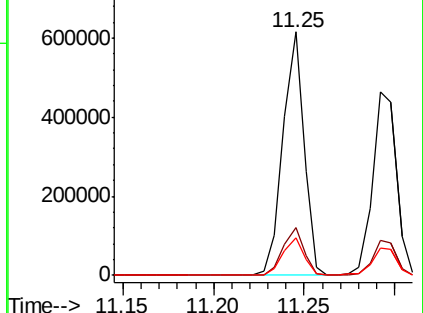
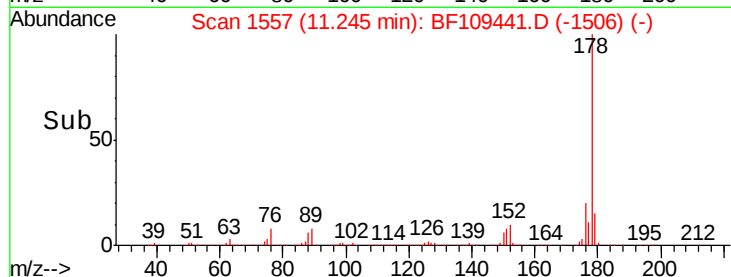
179 15.4 13.0 19.6



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



#71

Anthracene

Concen: 35.373 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

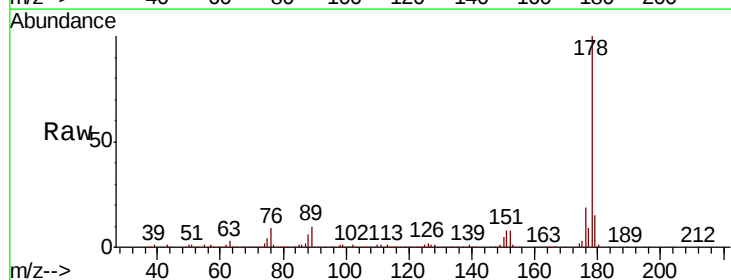
Tgt Ion:178 Resp: 419150

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

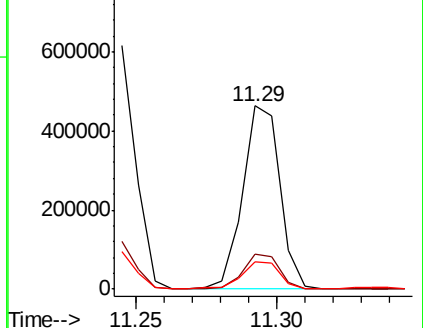
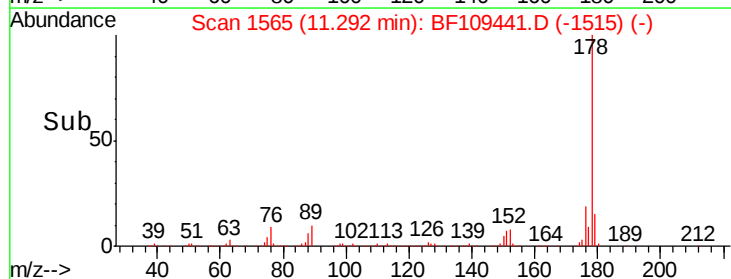
179 15.3 12.6 19.0

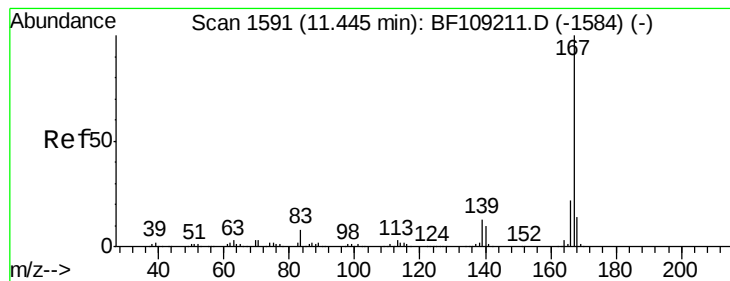


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 31.646 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

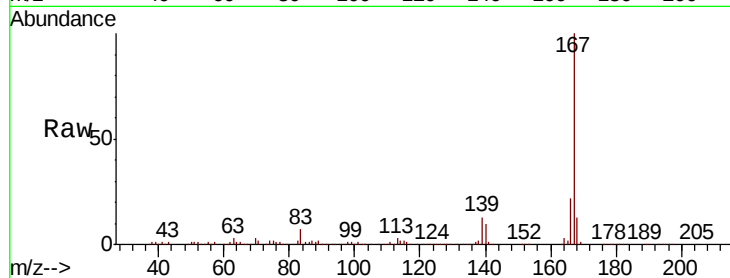
Tgt Ion:167 Resp: 373092

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

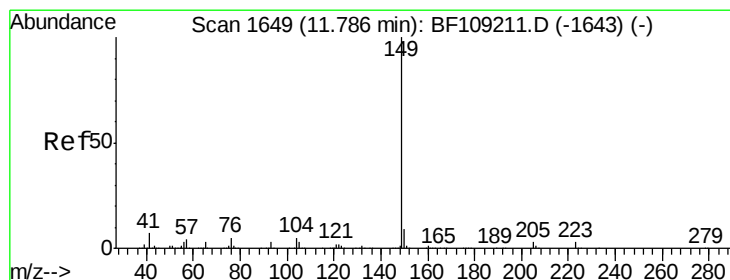
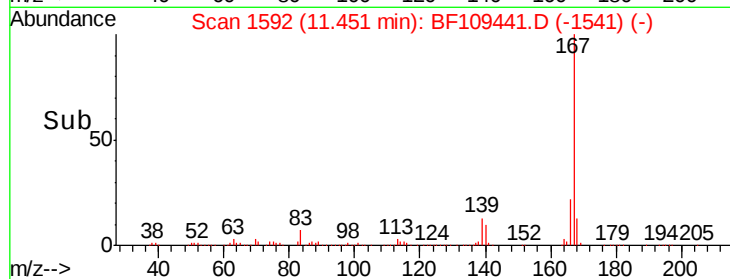
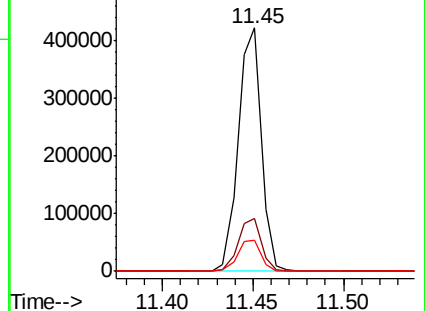
139 12.6 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 33.034 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

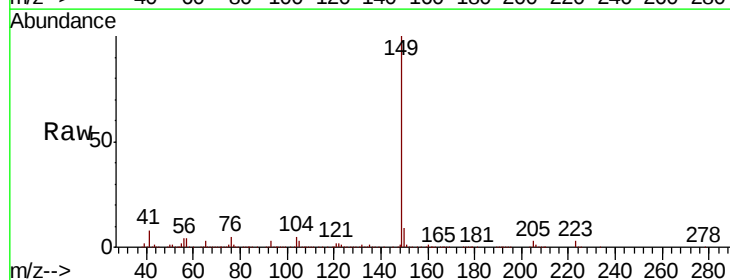
Tgt Ion:149 Resp: 448341

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

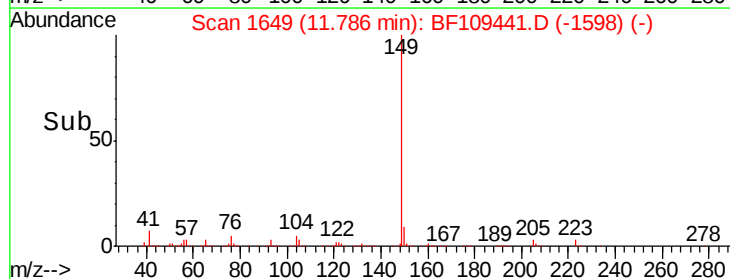
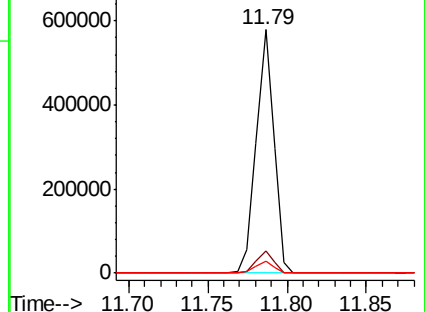
104 4.7 3.8 5.8

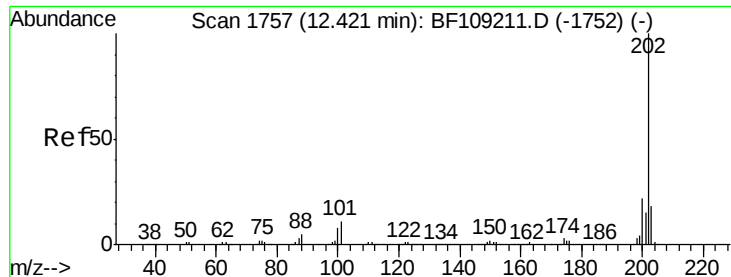


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

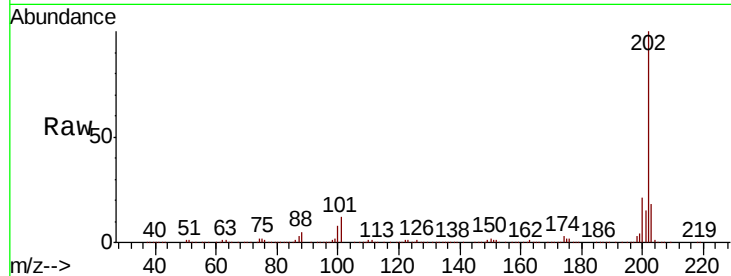




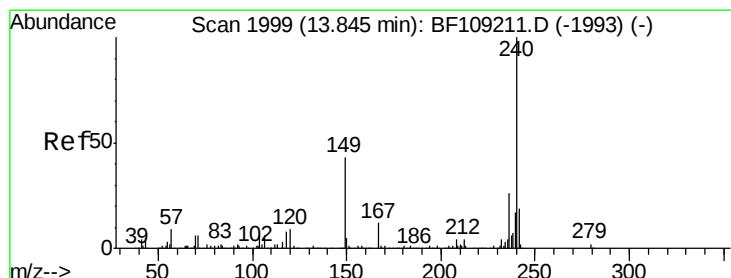
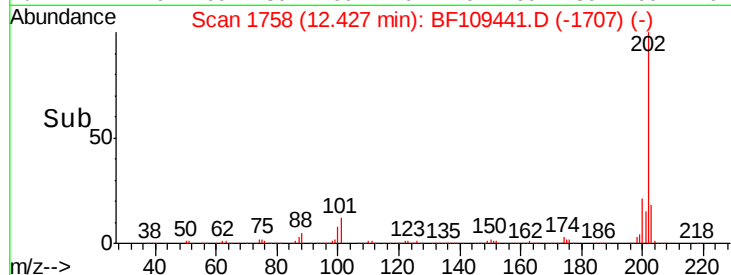
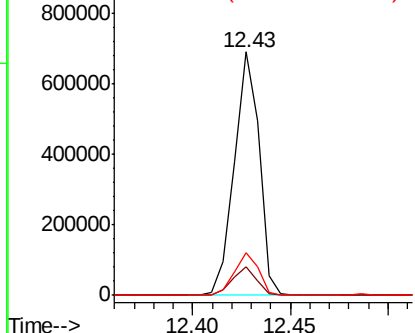
#74
 Fluoranthene
 Concen: 48.796 ng
 RT: 12.43 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	17.5	0.0	38.1

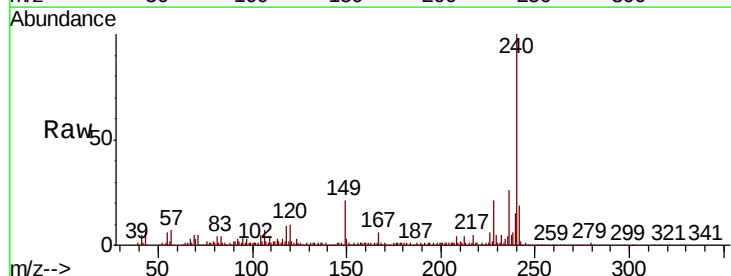


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

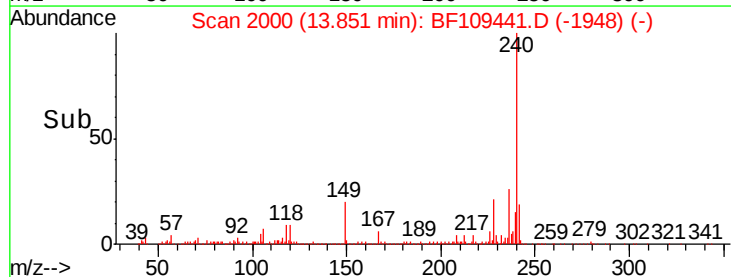
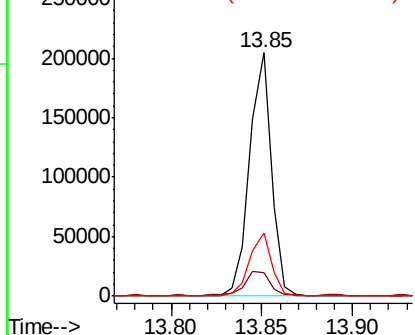


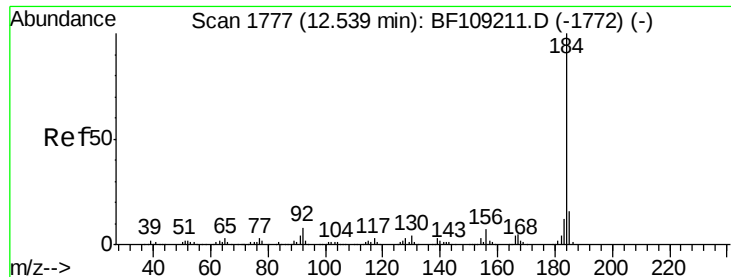
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	25.9	20.7	31.1



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





#76

Benzidine

Concen: 37.104 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

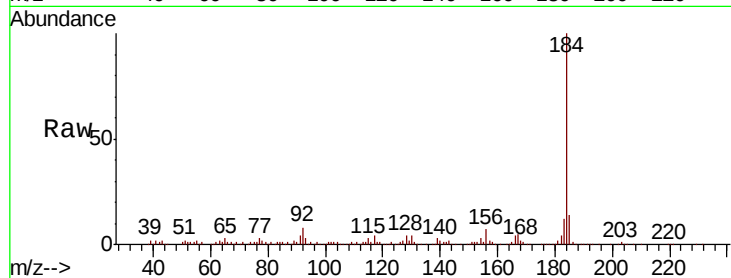
Tgt Ion:184 Resp: 230807

Ion Ratio Lower Upper

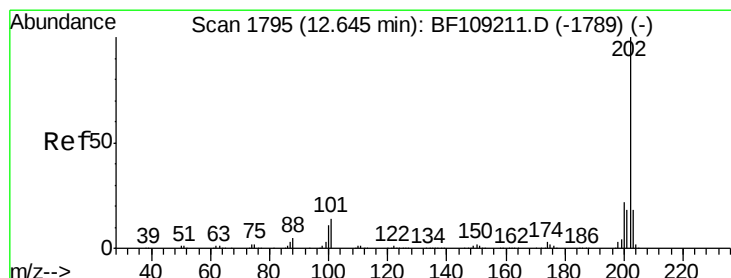
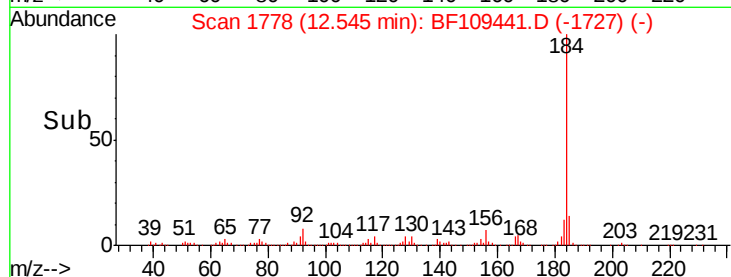
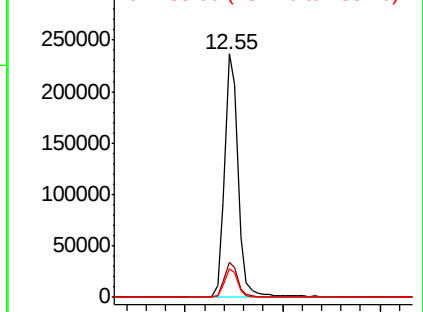
184 100

185 14.5 12.6 18.8

183 11.6 9.3 13.9



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



#77

Pyrene

Concen: 46.770 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

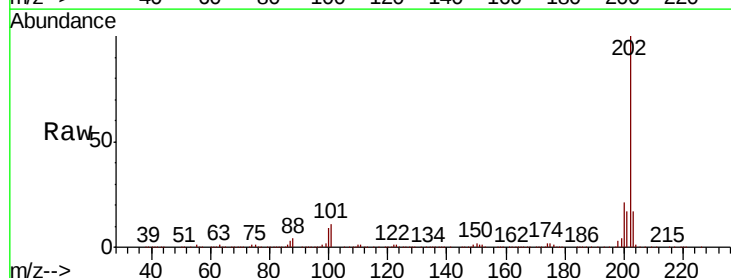
Tgt Ion:202 Resp: 578302

Ion Ratio Lower Upper

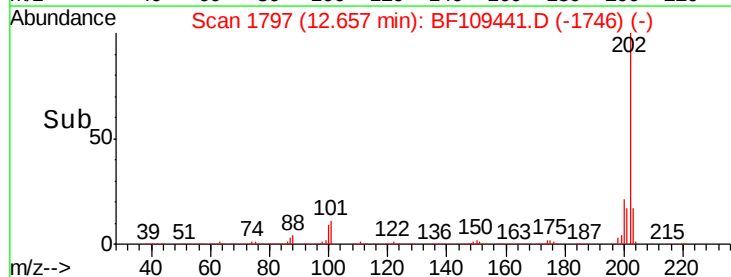
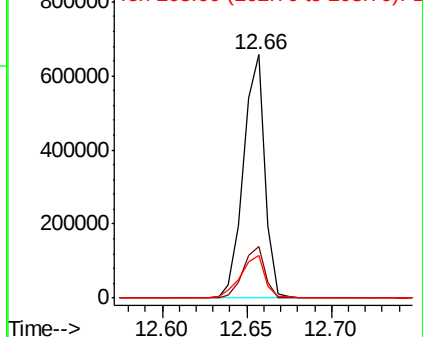
202 100

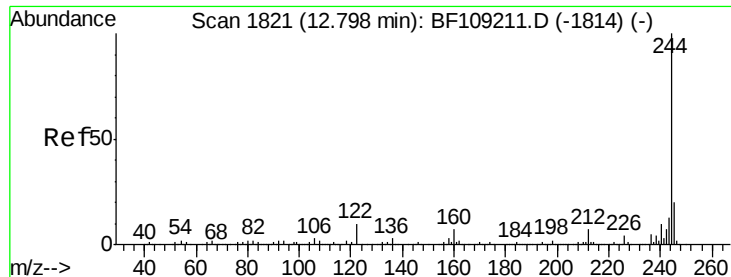
200 21.2 17.4 26.2

203 17.3 14.3 21.5



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

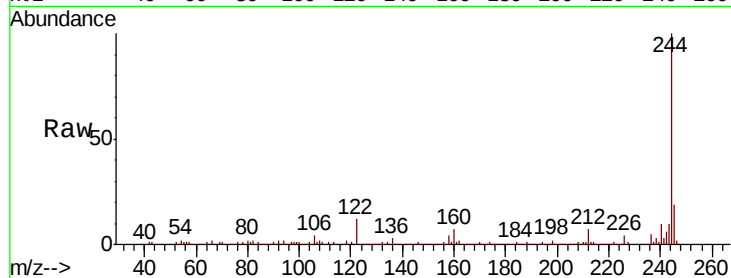




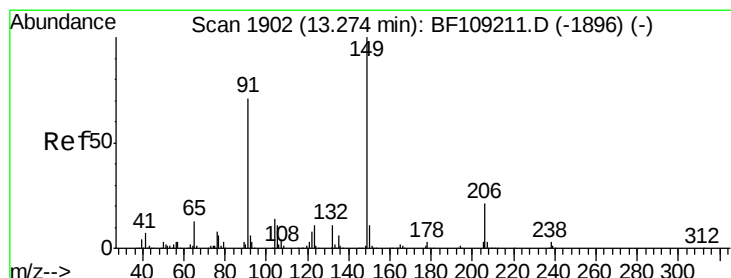
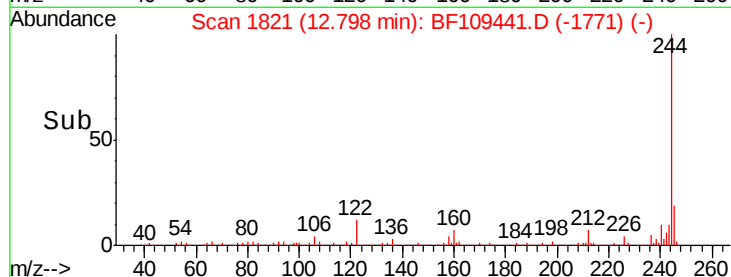
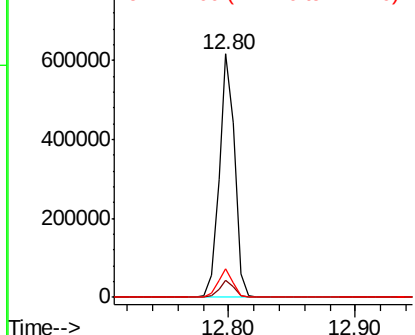
#78
 Terphenyl-d14
 Concen: 74.565 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MSD

Tgt Ion: 244 Resp: 524196
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.0 11.0 16.4

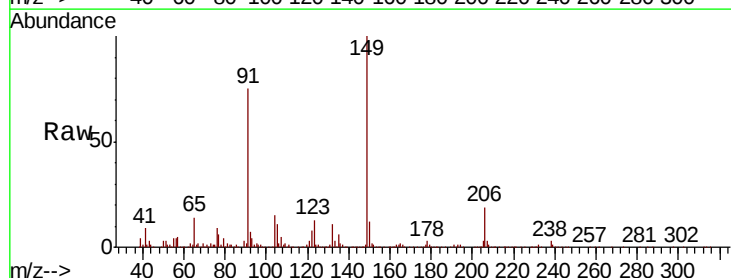


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

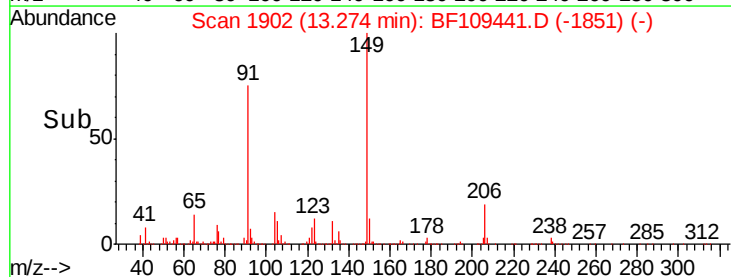
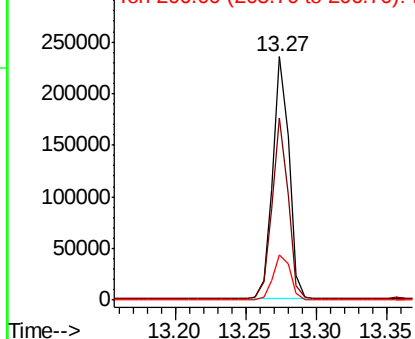


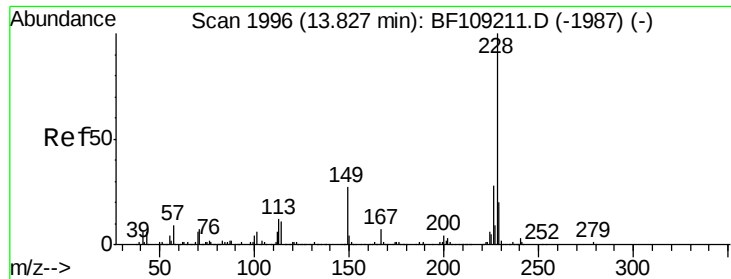
#79
 Butylbenzylphthalate
 Concen: 36.502 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion: 149 Resp: 192019
 Ion Ratio Lower Upper
 149 100
 91 75.0 56.8 85.2
 206 18.6 14.1 21.1



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

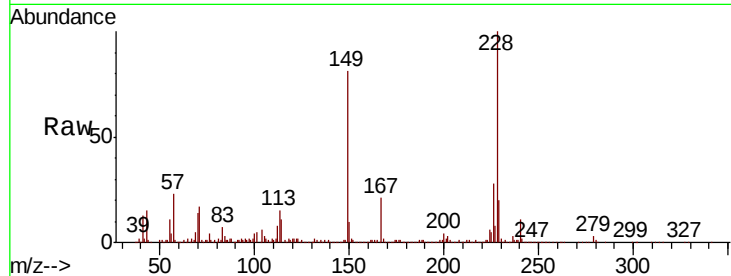




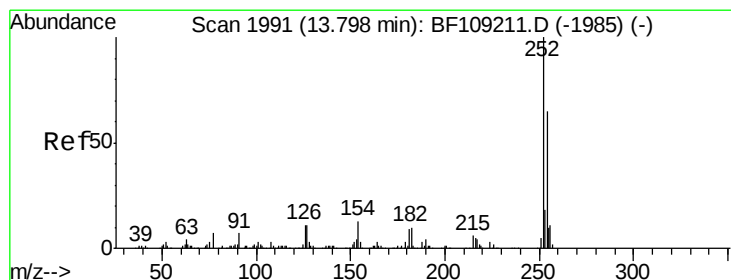
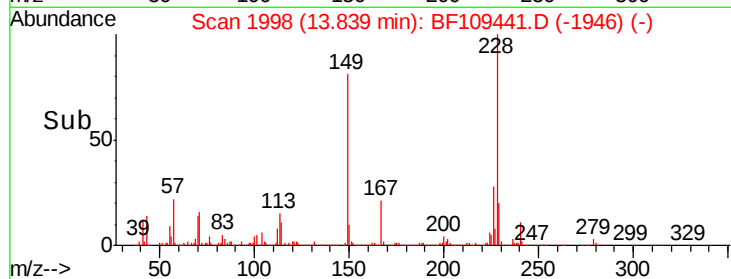
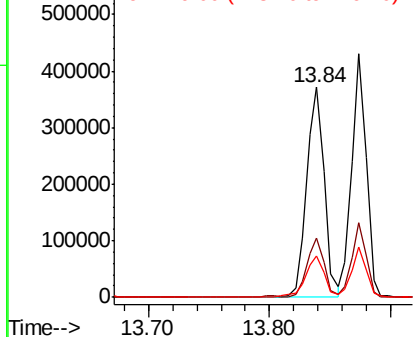
#80
Benzo(a)anthracene
Concen: 36.466 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MSD

Tgt Ion:228 Resp: 378958
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.0 15.8 23.6

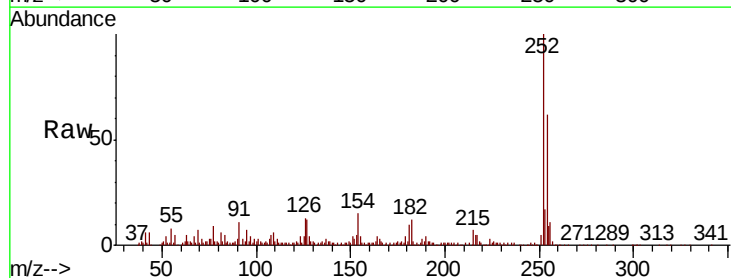


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

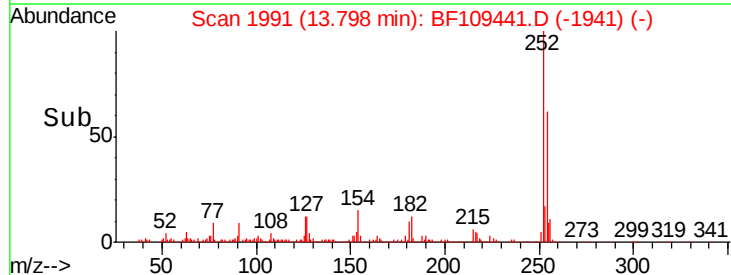
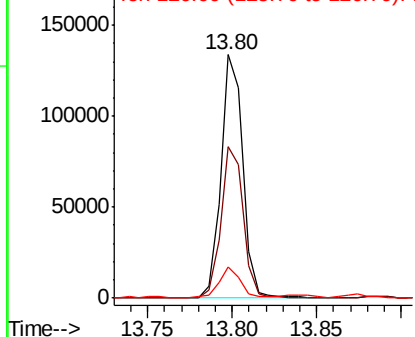


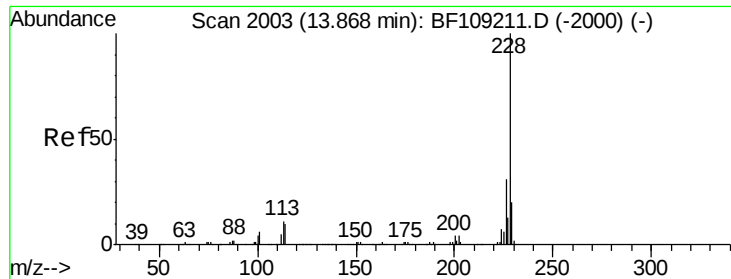
#81
3,3'-Dichlorobenzidine
Concen: 30.651 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion:252 Resp: 121054
Ion Ratio Lower Upper
252 100
254 62.3 50.4 75.6
126 12.6 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 34.711 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

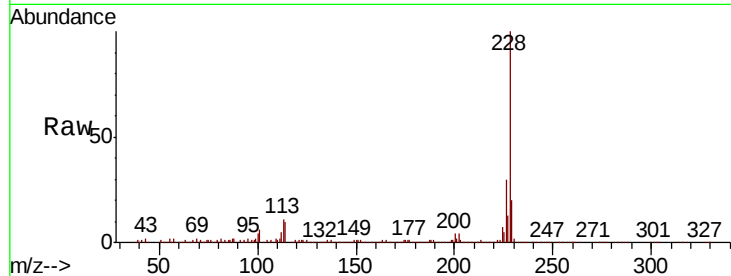
Tgt Ion:228 Resp: 357518

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

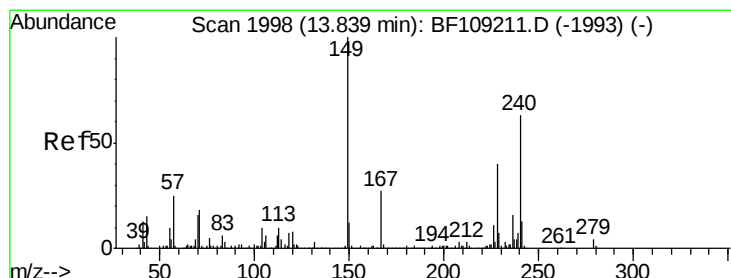
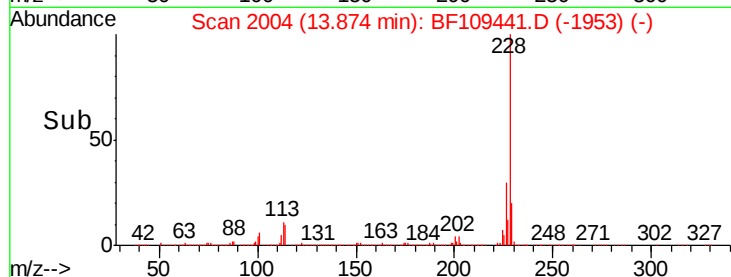
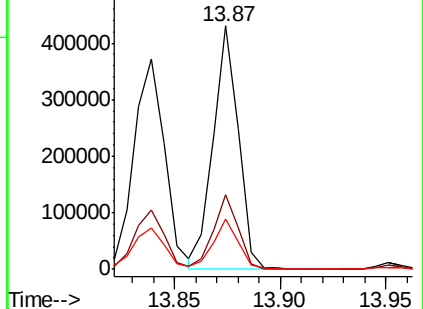
229 20.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.479 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

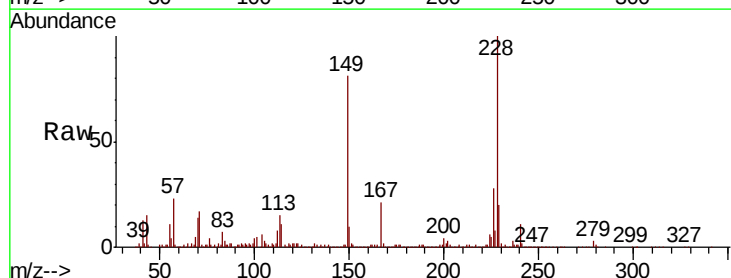
Tgt Ion:149 Resp: 255283

Ion Ratio Lower Upper

149 100

167 25.6 21.3 31.9

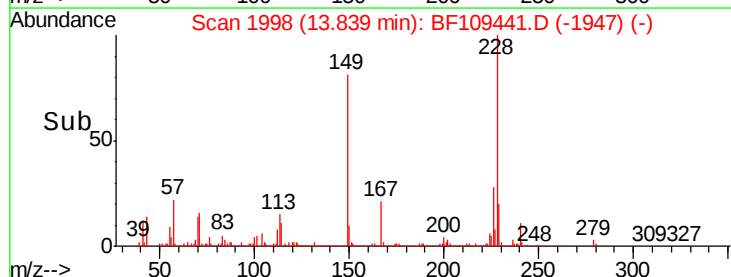
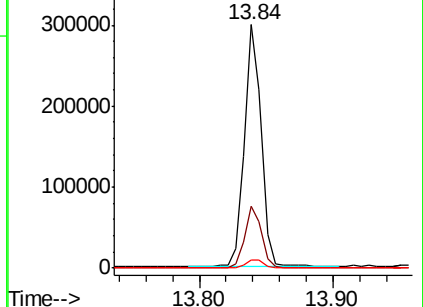
279 3.3 3.0 4.4

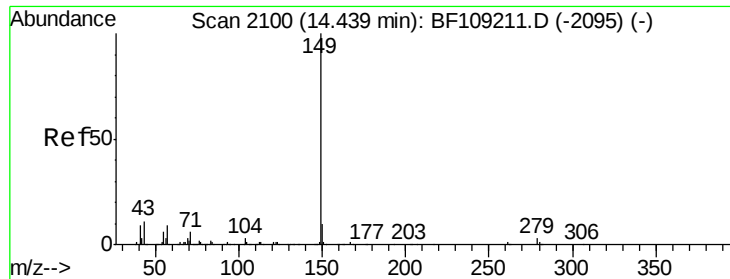


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 36.432 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

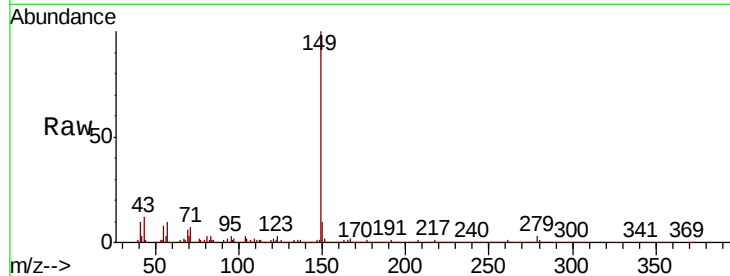
Tgt Ion:149 Resp: 413268

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

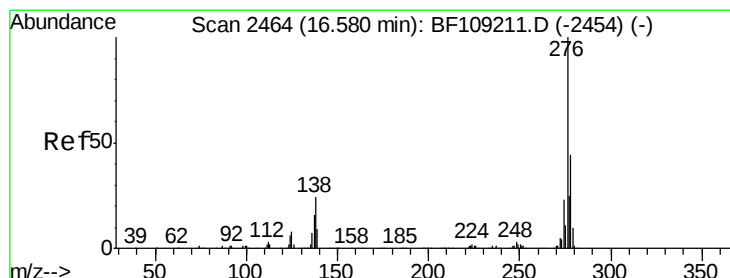
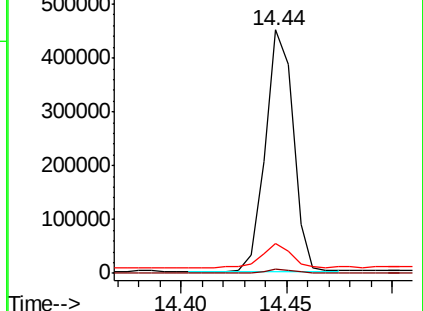
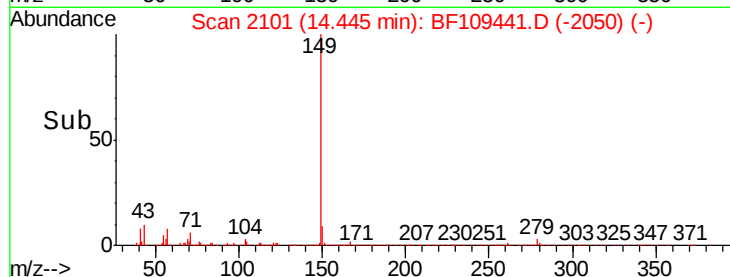
43 9.9 8.4 12.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 30.539 ng

RT: 16.61 min Scan# 2469

Delta R.T. 0.02 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

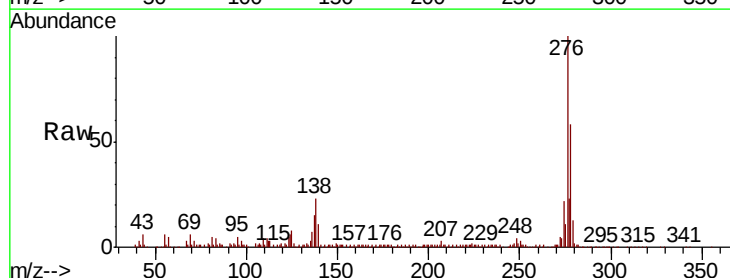
Tgt Ion:276 Resp: 254967

Ion Ratio Lower Upper

276 100

138 23.3 25.0 37.6#

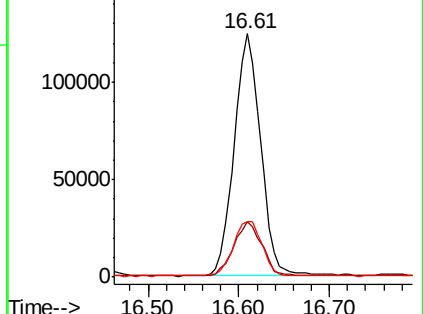
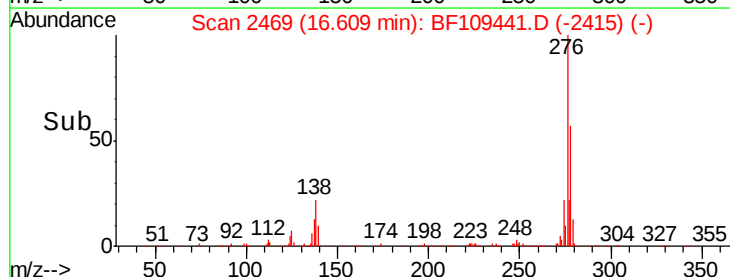
277 24.7 20.1 30.1

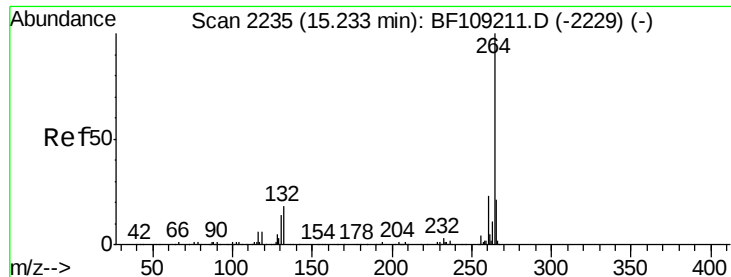


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



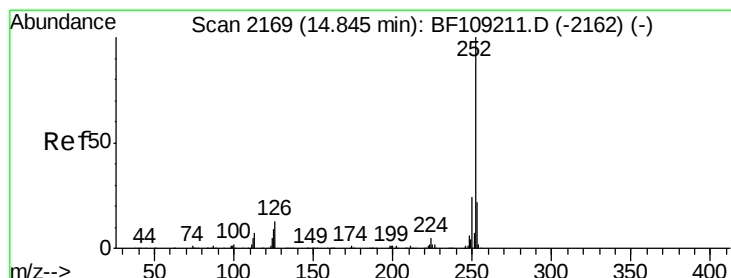
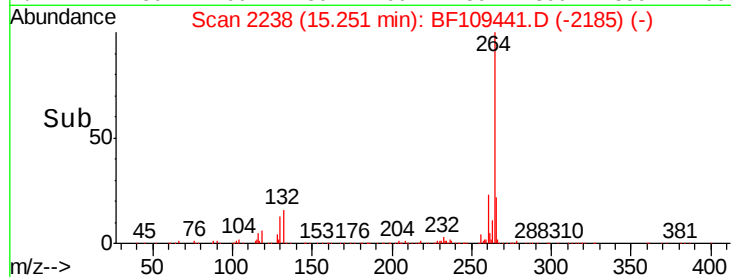
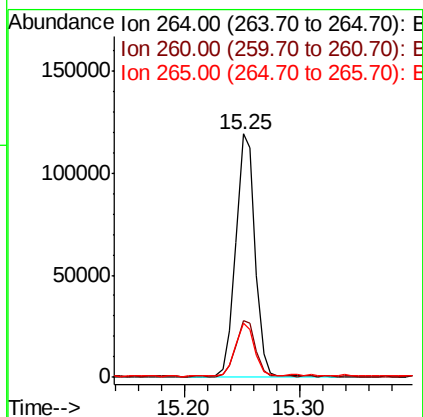
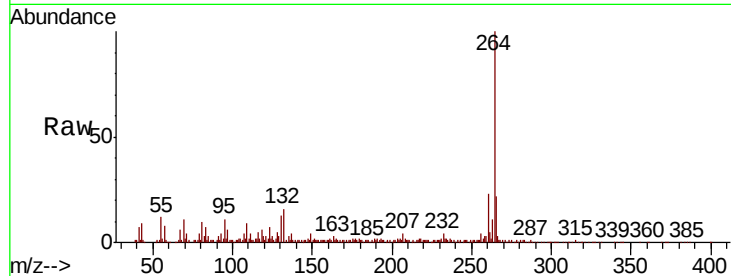


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MSD

Tgt Ion: 264 Resp: 139823

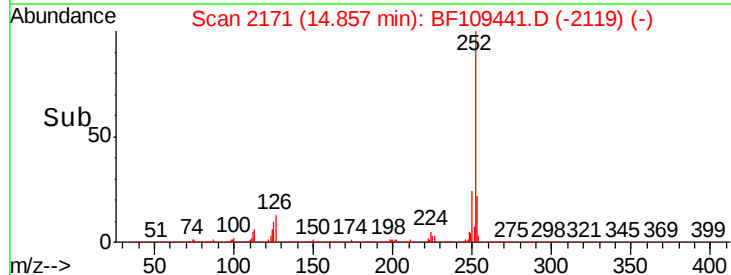
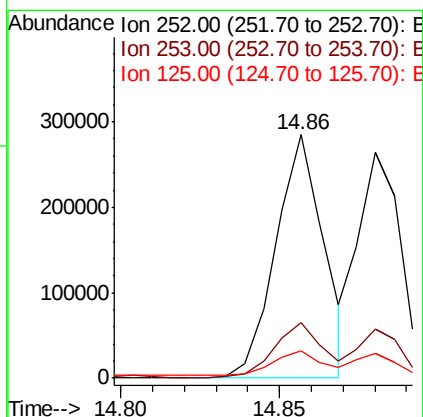
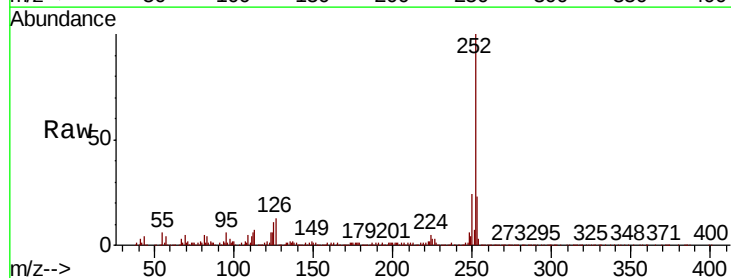
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.3	17.5	26.3

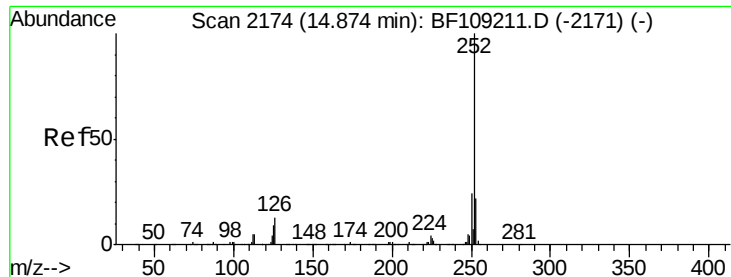


#87
Benzo(b)fluoranthene
Concen: 39.024 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion: 252 Resp: 299831

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	11.0	9.0	13.6

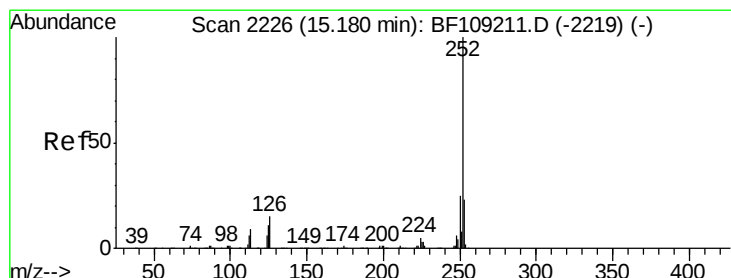
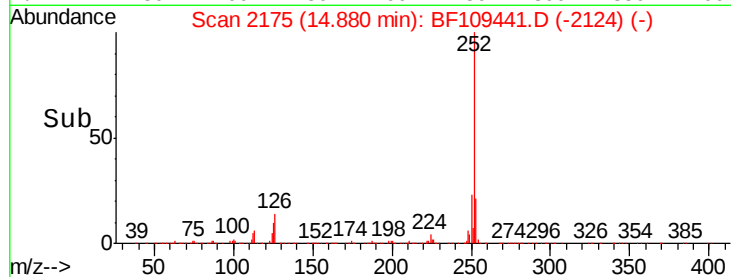
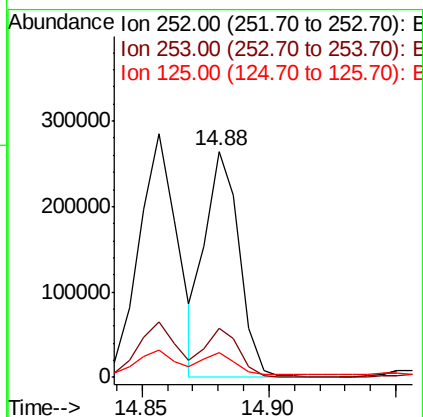
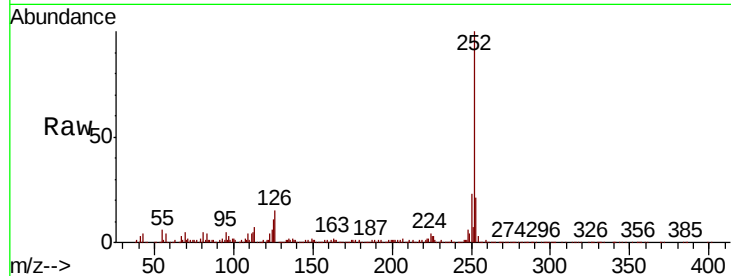




#88
Benzo(k)fluoranthene
Concen: 33.817 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

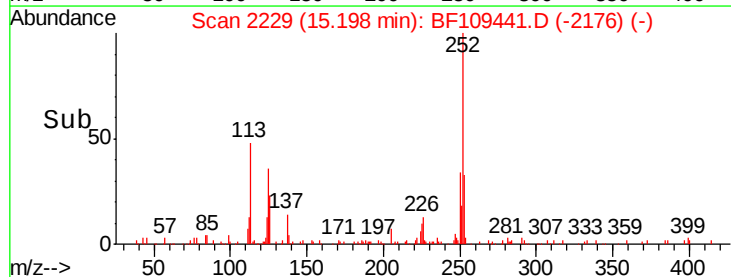
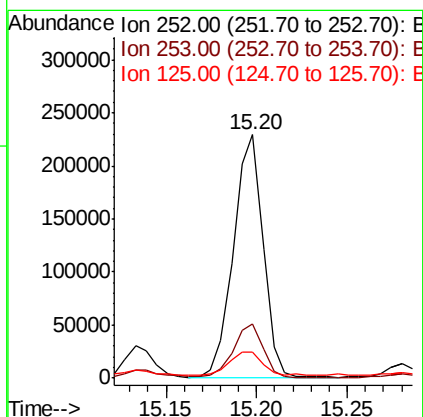
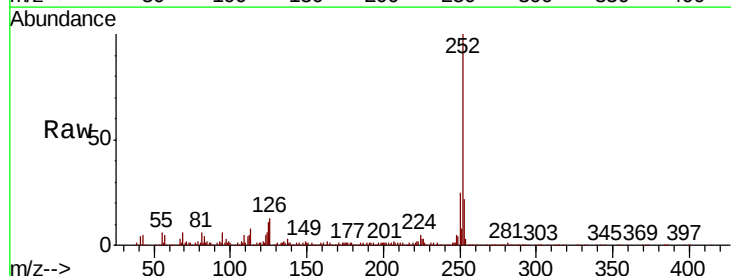
Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MSD

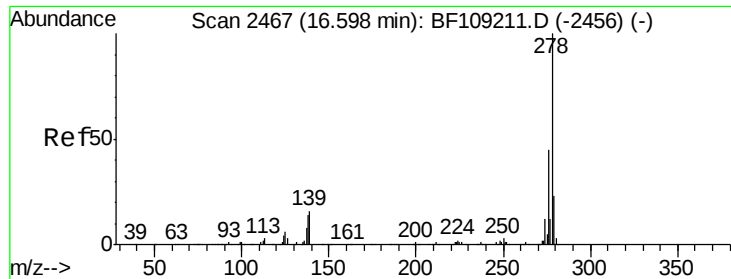
Tgt Ion: 252 Resp: 246551
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 11.0 10.2 15.2



#89
Benzo(a)pyrene
Concen: 37.620 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion: 252 Resp: 260452
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 10.8 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 35.095 ng

RT: 16.62 min Scan# 2471

Delta R.T. 0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

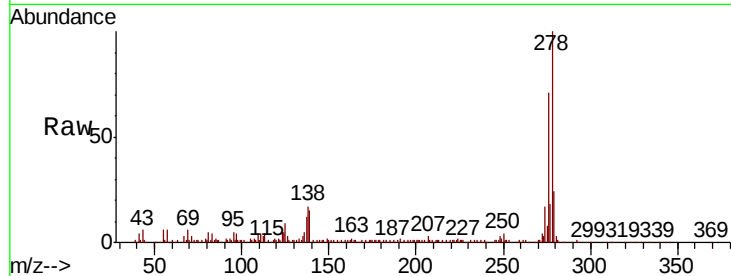
Tgt Ion:278 Resp: 199332

Ion Ratio Lower Upper

278 100

139 15.2 15.9 23.9#

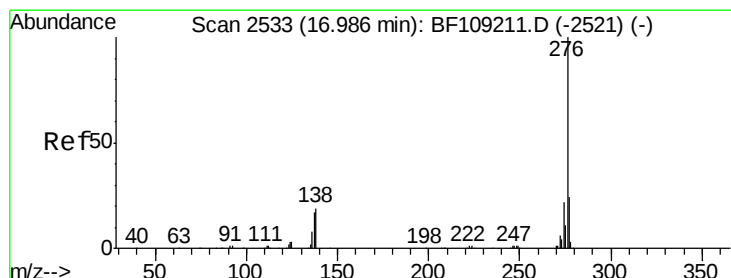
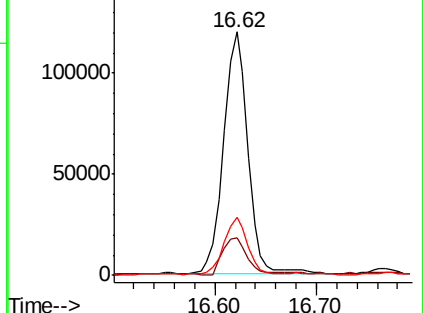
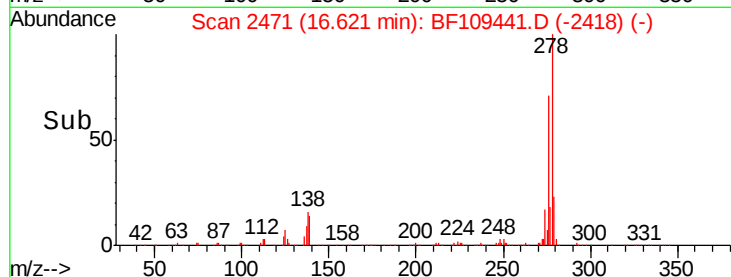
279 23.6 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 37.524 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.02 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

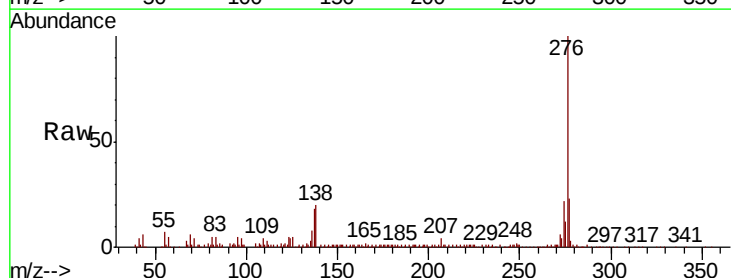
Tgt Ion:276 Resp: 209464

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 20.5 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

