

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
 Data File : BF140239.D
 Acq On : 05 Nov 2024 16:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110524

Quant Time: Nov 05 16:49:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	201048	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	759123	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	435405	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	768315	20.000	ng	0.00
76) Chrysene-d12	14.068	240	458470	20.000	ng	0.00
86) Perylene-d12	15.586	264	426570	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	950662	78.362	ng	0.00
7) Phenol-d6	6.504	99	1208283	77.432	ng	0.00
23) Nitrobenzene-d5	7.445	82	1172862	76.816	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	348804	81.047	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2039648	74.802	ng	0.00
79) Terphenyl-d14	12.998	244	2159767	77.169	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	220111	39.464	ng	99
3) Pyridine	3.422	79	536919	39.452	ng	99
4) n-Nitrosodimethylamine	3.387	42	308453	39.257	ng	98
6) Aniline	6.545	93	564115	40.014	ng	99
8) 2-Chlorophenol	6.663	128	491144	38.692	ng	100
9) Benzaldehyde	6.428	77	382393	39.783	ng	99
10) Phenol	6.522	94	645216	38.933	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	495460	39.355	ng	98
12) 1,3-Dichlorobenzene	6.822	146	578364	38.882	ng	99
13) 1,4-Dichlorobenzene	6.898	146	576062	38.398	ng	99
14) 1,2-Dichlorobenzene	7.051	146	535197	38.196	ng	99
15) Benzyl Alcohol	7.016	79	472112	39.247	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	782550	38.401	ng	100
17) 2-Methylphenol	7.128	107	415570	39.246	ng	100
18) Hexachloroethane	7.392	117	220724	39.497	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	383204	38.494	ng	99
20) 3+4-Methylphenols	7.281	107	520181	39.115	ng	99
22) Acetophenone	7.287	105	709958	37.721	ng	99
24) Nitrobenzene	7.463	77	607962	37.948	ng	98
25) Isophorone	7.698	82	1006205	38.273	ng	100
26) 2-Nitrophenol	7.775	139	257144	40.349	ng	99
27) 2,4-Dimethylphenol	7.810	122	339849	39.198	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	598024	38.011	ng	99
29) 2,4-Dichlorophenol	8.016	162	420190	39.176	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	492037	38.282	ng	99
31) Naphthalene	8.181	128	1471734	37.544	ng	100
32) Benzoic acid	7.928	122	309063	43.437	ng	98
33) 4-Chloroaniline	8.228	127	489727	37.948	ng	99
34) Hexachlorobutadiene	8.298	225	335056	38.514	ng	99
35) Caprolactam	8.610	113	128447	39.367	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	469388	39.305	ng	99
37) 2-Methylnaphthalene	8.869	142	966236	37.768	ng	100
38) 1-Methylnaphthalene	8.969	142	951613	37.949	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	496500	38.952	ng	99
41) Hexachlorocyclopentadiene	9.022	237	149082	41.739	ng	100

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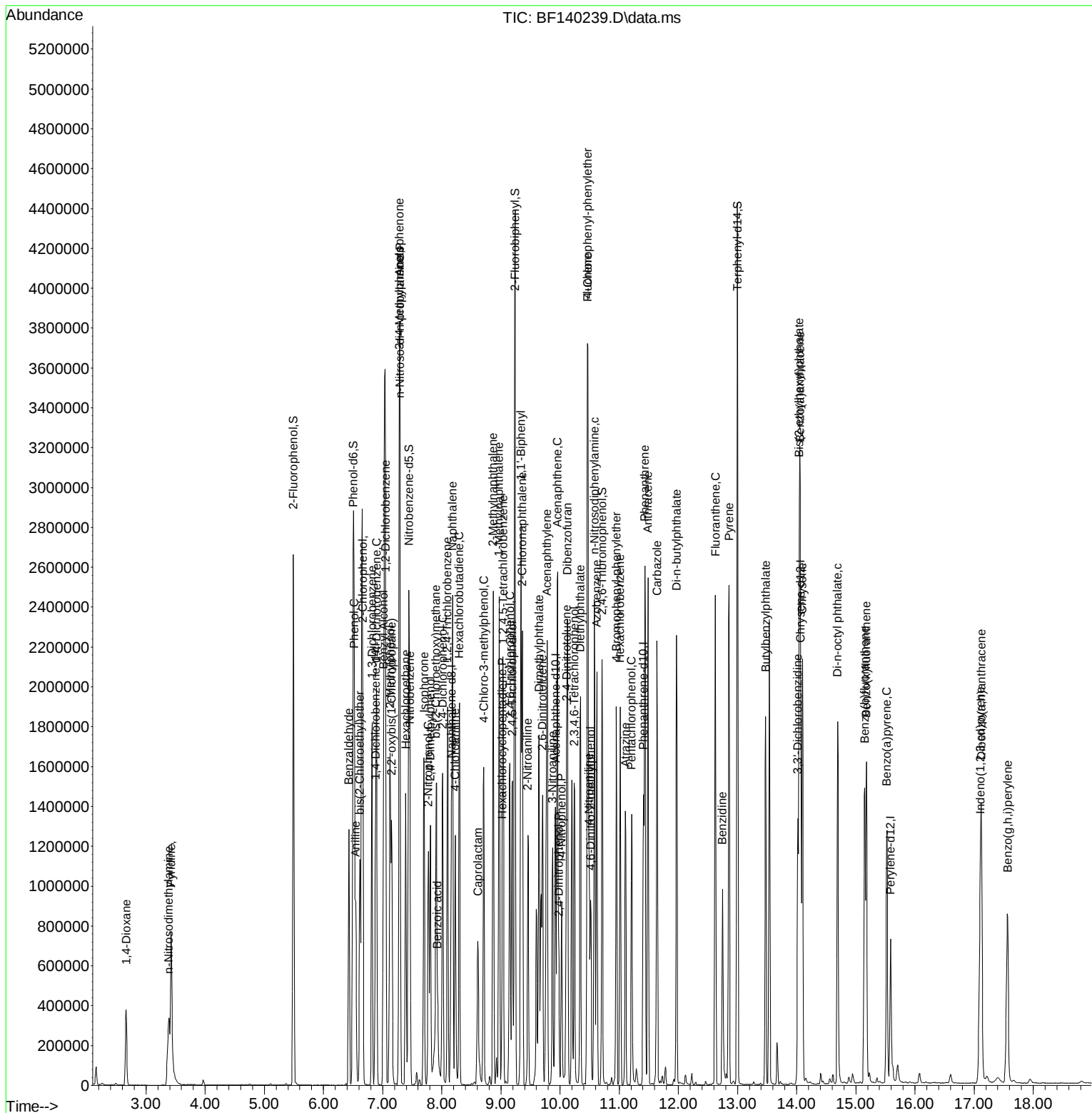
Instrument :
 BNA_F
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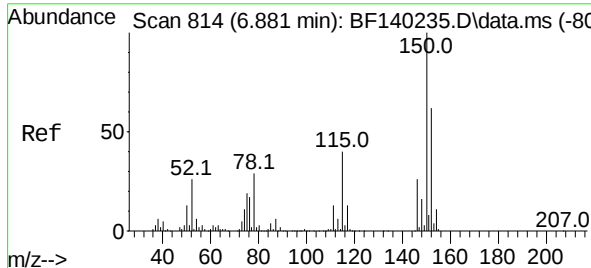
Quant Time: Nov 05 16:49:06 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.151	196	312622	39.578	ng	99
44) 2,4,5-Trichlorophenol	9.192	196	332641	40.052	ng	98
46) 1,1'-Biphenyl	9.339	154	1191279	37.852	ng	100
47) 2-Chloronaphthalene	9.363	162	899403	37.970	ng	99
48) 2-Nitroaniline	9.457	65	316714	39.981	ng	100
49) Acenaphthylene	9.780	152	1298263	38.713	ng	99
50) Dimethylphthalate	9.645	163	1040659	38.809	ng	100
51) 2,6-Dinitrotoluene	9.704	165	253186	40.169	ng	99
52) Acenaphthene	9.957	154	919653	38.663	ng	99
53) 3-Nitroaniline	9.875	138	238606	40.203	ng	100
54) 2,4-Dinitrophenol	9.980	184	111523	39.421	ng	89
55) Dibenzofuran	10.128	168	1266586	38.079	ng	100
56) 4-Nitrophenol	10.028	139	180092	43.155	ng	98
57) 2,4-Dinitrotoluene	10.110	165	326533	39.922	ng	99
58) Fluorene	10.469	166	999362	37.745	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	274661	40.370	ng	97
60) Diethylphthalate	10.345	149	1041374	39.080	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	508846	38.133	ng	98
62) 4-Nitroaniline	10.492	138	238231	40.392	ng	99
63) Azobenzene	10.622	77	1047395	37.917	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	168609	41.784	ng	93
66) n-Nitrosodiphenylamine	10.580	169	846277	38.296	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	322387	38.966	ng	99
68) Hexachlorobenzene	11.016	284	369444	39.175	ng	99
69) Atrazine	11.104	200	237217	39.237	ng	98
70) Pentachlorophenol	11.210	266	218133	43.075	ng	98
71) Phenanthrene	11.433	178	1395108	38.048	ng	100
72) Anthracene	11.486	178	1363354	37.919	ng	100
73) Carbazole	11.639	167	1265126	38.509	ng	99
74) Di-n-butylphthalate	11.969	149	1533416	39.432	ng	100
75) Fluoranthene	12.627	202	1470702	38.360	ng	99
77) Benzidine	12.745	184	558339	62.287	ng	99
78) Pyrene	12.857	202	1479380	39.081	ng	99
80) Butylbenzylphthalate	13.474	149	566979	41.595	ng	97
81) Benzo(a)anthracene	14.057	228	1179757	40.097	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	392180	42.445	ng	98
83) Chrysene	14.098	228	1057688	38.388	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	774375	40.534	ng	100
85) Di-n-octyl phthalate	14.692	149	1203695	41.861	ng	100
87) Indeno(1,2,3-cd)pyrene	17.104	276	1022918	40.852	ng	100
88) Benzo(b)fluoranthene	15.151	252	1006845	39.022	ng	99
89) Benzo(k)fluoranthene	15.180	252	946907	39.994	ng	99
90) Benzo(a)pyrene	15.527	252	854325	40.159	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	839533	40.753	ng	99
92) Benzo(g,h,i)perylene	17.568	276	844908	40.205	ng	99

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

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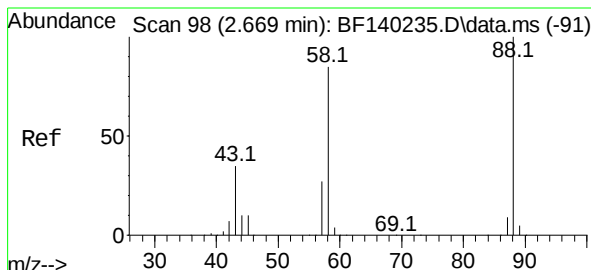
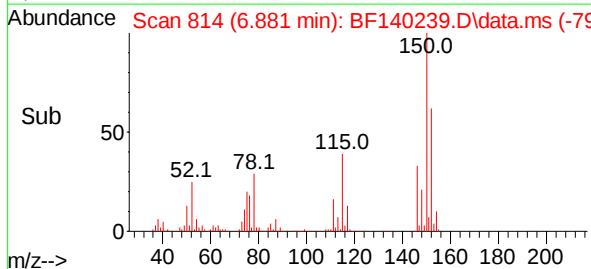
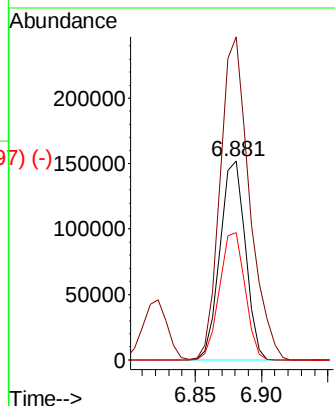
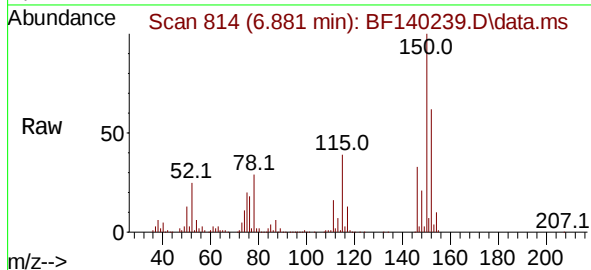




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

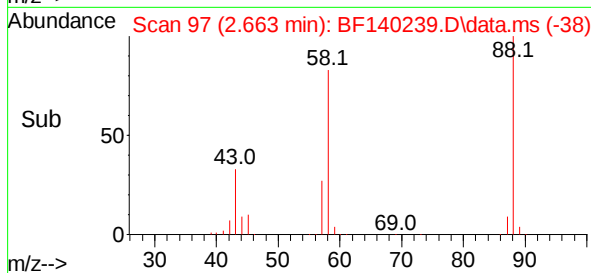
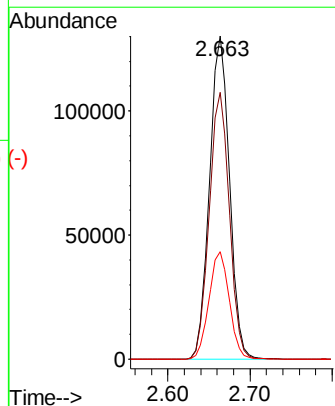
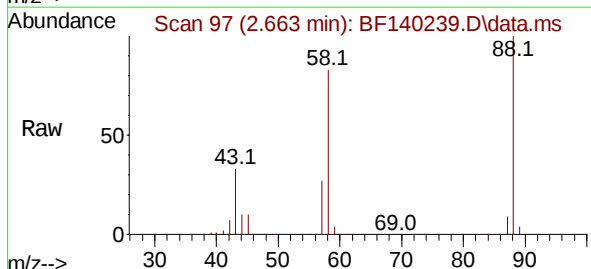
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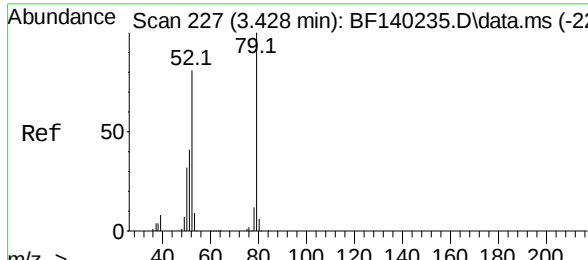
Tgt Ion:152 Resp: 201048
 Ion Ratio Lower Upper
 152 100
 150 162.3 129.4 194.2
 115 63.9 51.5 77.3



1,4-Dioxane
 Concen: 39.464 ng
 RT: 2.663 min Scan# 97
 Delta R.T. -0.006 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

Tgt Ion: 88 Resp: 220111
 Ion Ratio Lower Upper
 88 100
 58 83.3 66.7 100.1
 43 33.9 27.8 41.8





Pyridine

Concen: 39.452 ng

RT: 3.422 min Scan# 210

Delta R.T. -0.006 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

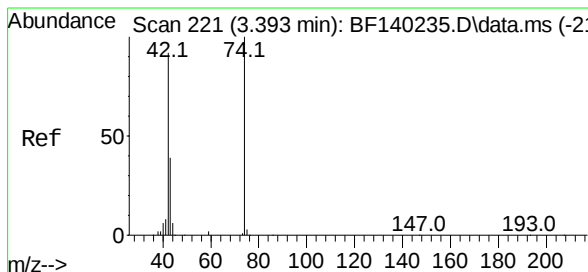
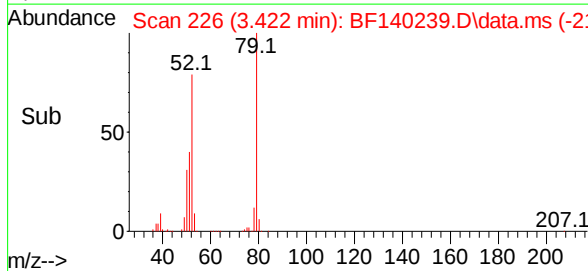
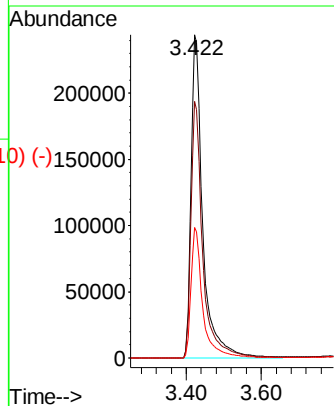
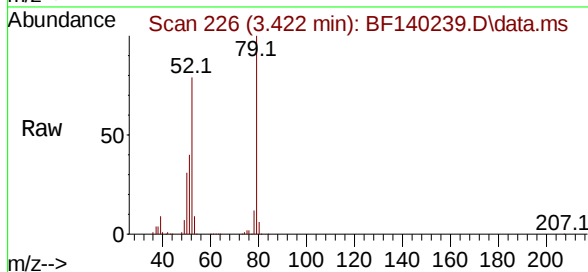
Tgt Ion: 79 Resp: 536919

Ion Ratio Lower Upper

79 100

52 79.3 64.6 97.0

51 40.4 32.5 48.7



n-Nitrosodimethylamine

Concen: 39.257 ng

RT: 3.387 min Scan# 220

Delta R.T. -0.006 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

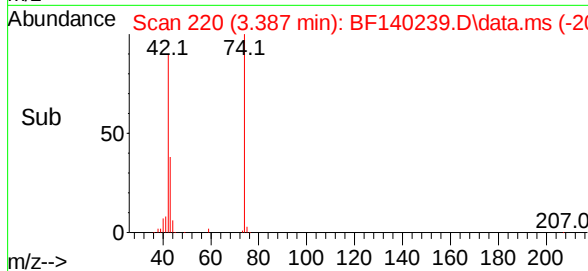
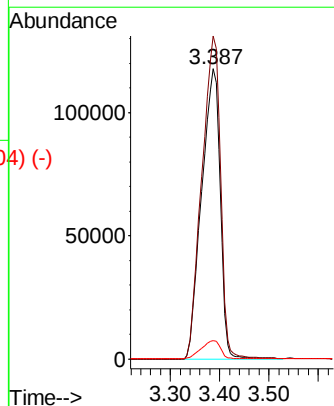
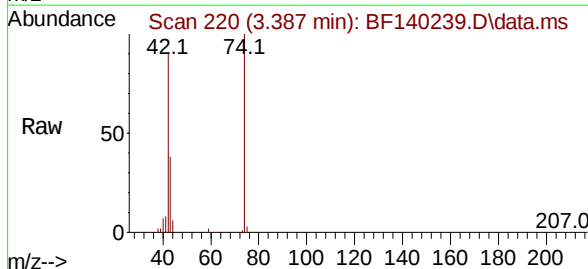
Tgt Ion: 42 Resp: 308453

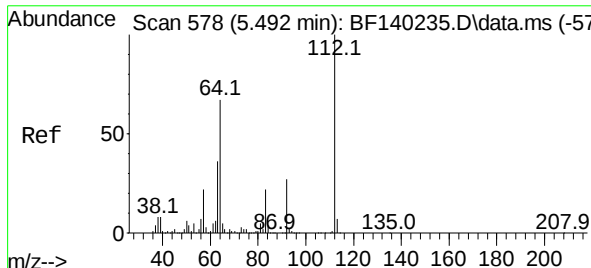
Ion Ratio Lower Upper

42 100

74 111.3 86.9 130.3

44 6.5 5.0 7.6





2-Fluorophenol

Concen: 78.362 ng

RT: 5.493 min Scan# 578

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

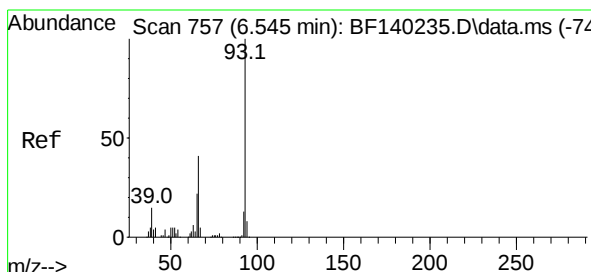
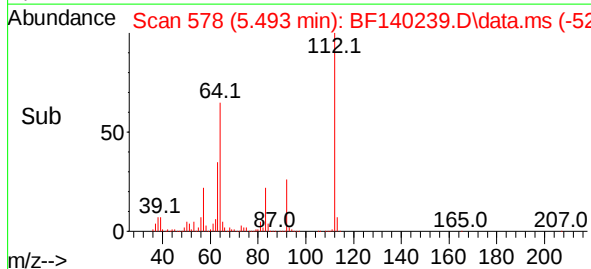
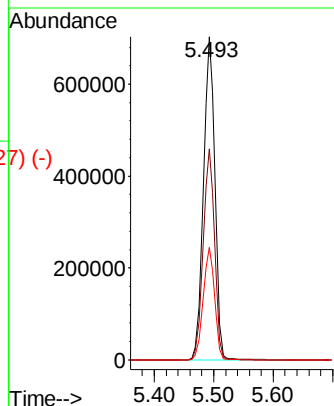
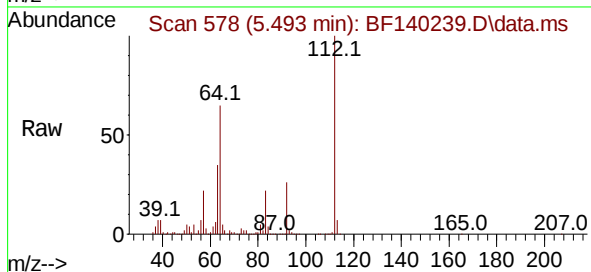
Tgt Ion:112 Resp: 950662

Ion Ratio Lower Upper

112 100

64 65.4 53.4 80.2

63 34.9 28.9 43.3



Aniline

Concen: 40.014 ng

RT: 6.545 min Scan# 757

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

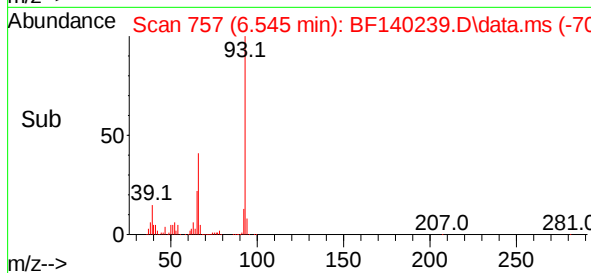
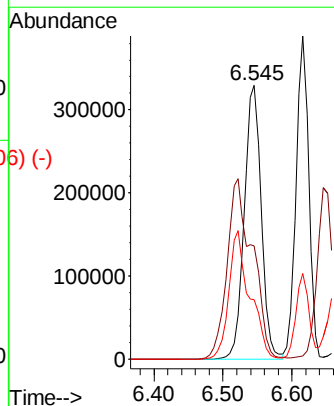
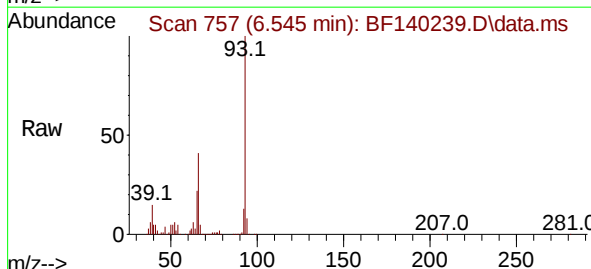
Tgt Ion: 93 Resp: 564115

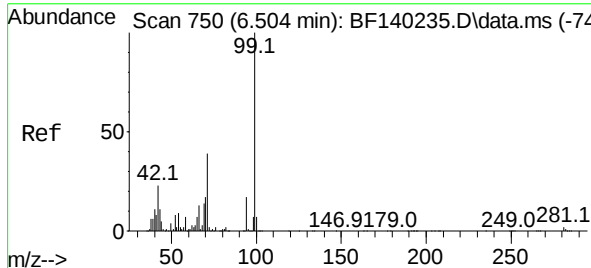
Ion Ratio Lower Upper

93 100

66 41.4 33.6 50.4

65 21.8 17.5 26.3





Phenol-d6

Concen: 77.432 ng

RT: 6.504 min Scan#

Delta R.T. 0.000 min

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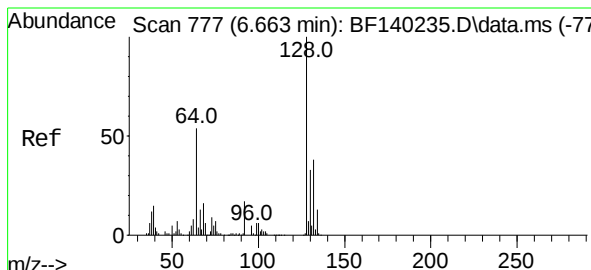
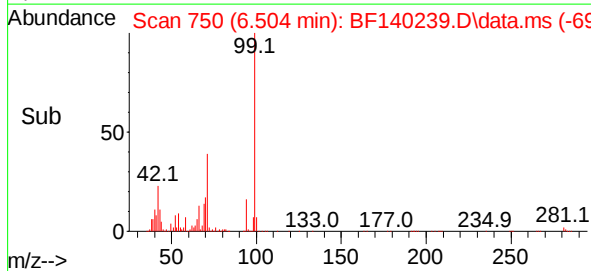
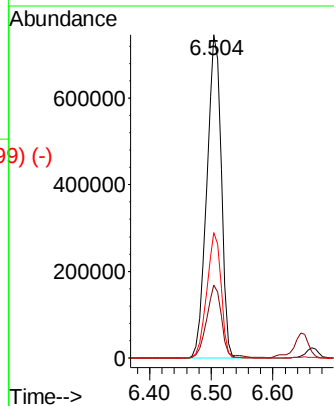
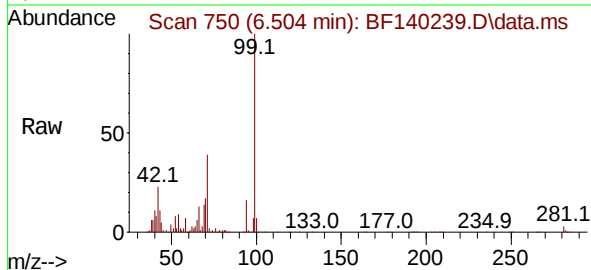
Tgt Ion: 99 Resp: 1208283

Ion Ratio Lower Upper

99 100

42 22.5 18.2 27.2

71 38.8 30.9 46.3



2-Chlorophenol

Concen: 38.692 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

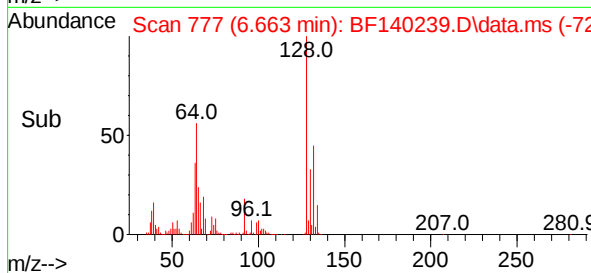
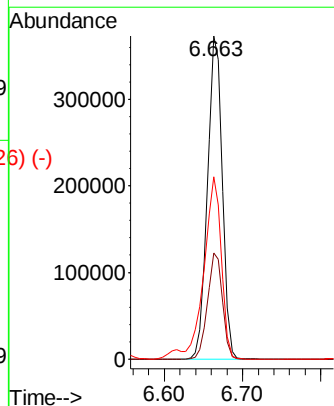
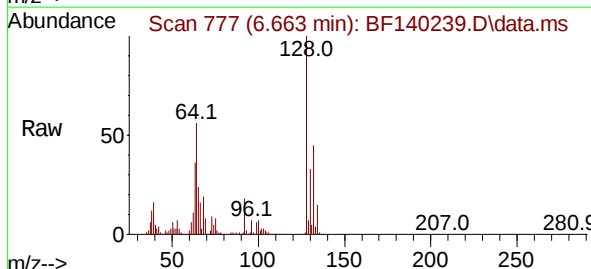
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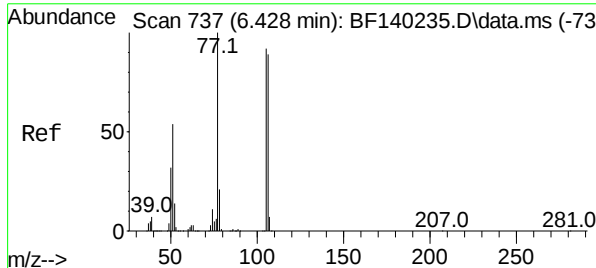
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 56.4 36.3 76.3





Benzaldehyde

Concen: 39.783 ng

RT: 6.428 min Scan#

Delta R.T. 0.000 min

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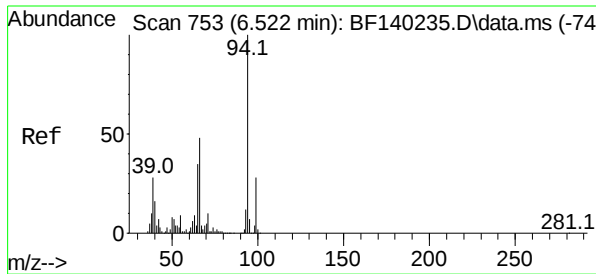
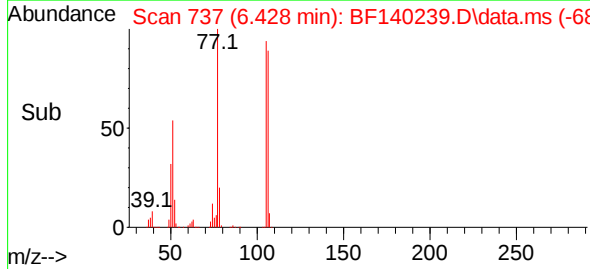
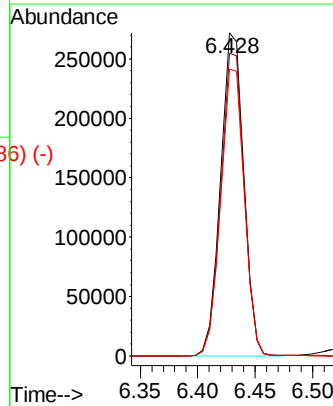
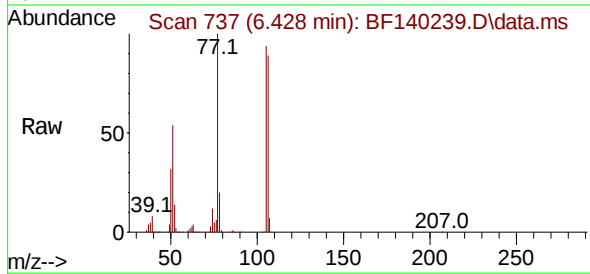
Tgt Ion: 77 Resp: 382393

Ion Ratio Lower Upper

77 100

105 93.6 72.1 112.1

106 88.8 68.8 108.8



Phenol

Concen: 38.933 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

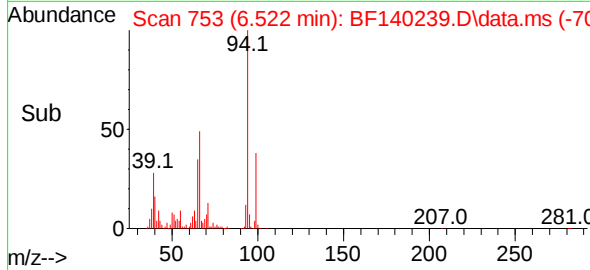
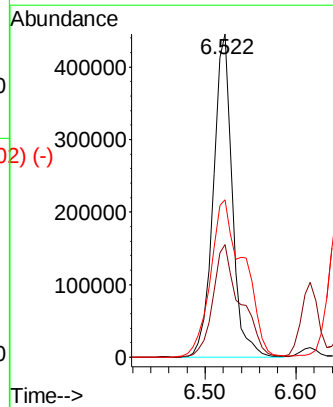
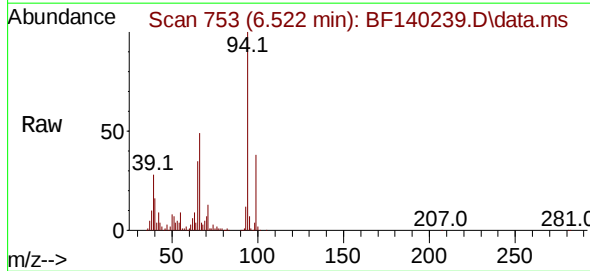
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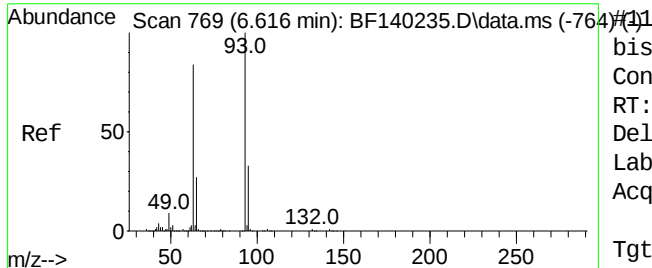
Ion Ratio Lower Upper

94 100

65 34.7 15.1 55.1

66 48.8 28.8 68.8

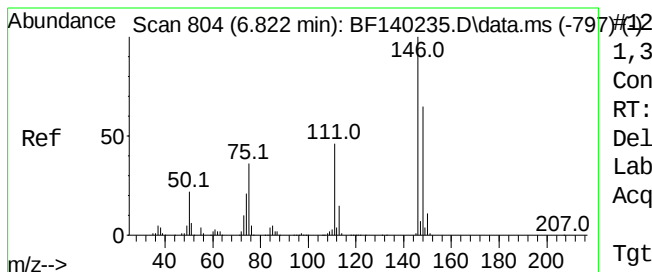
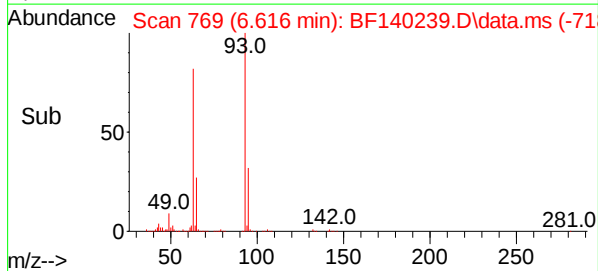
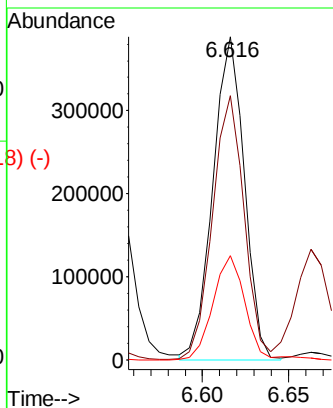
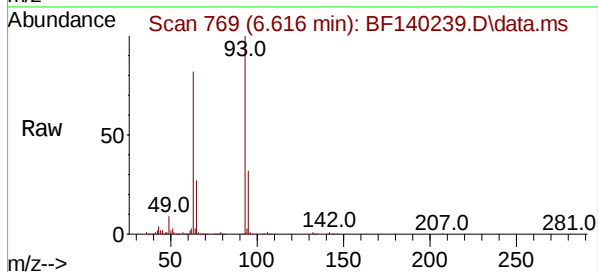




bis(2-Chloroethyl)ether
Concen: 39.355 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

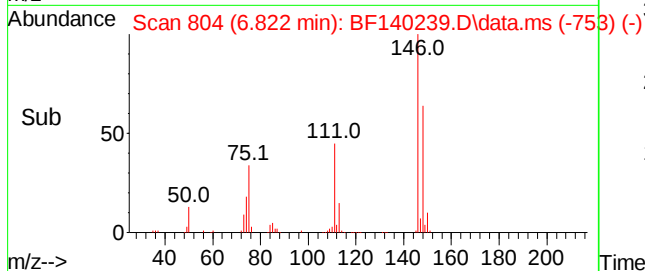
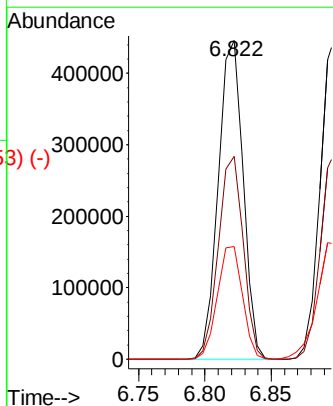
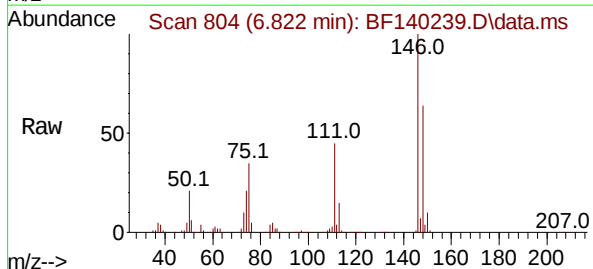
Instrument :
BNA_F
ClientSampleId :
ICVBF110524

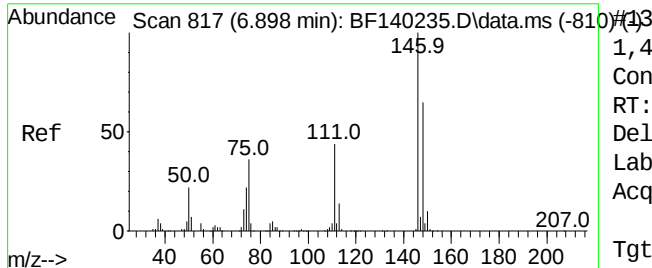
Tgt Ion:	93	Resp:	495460
Ion	Ratio	Lower	Upper
93	100		
63	81.7	63.6	103.6
95	32.4	12.7	52.7



1,3-Dichlorobenzene
Concen: 38.882 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Tgt Ion:	146	Resp:	578364
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.7	77.5
75	35.2	28.4	42.6





1,4-Dichlorobenzene

Concen: 38.398 ng

RT: 6.898 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

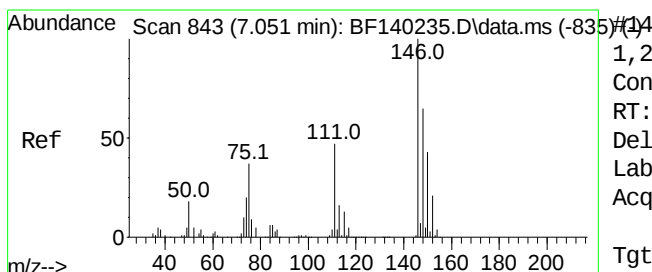
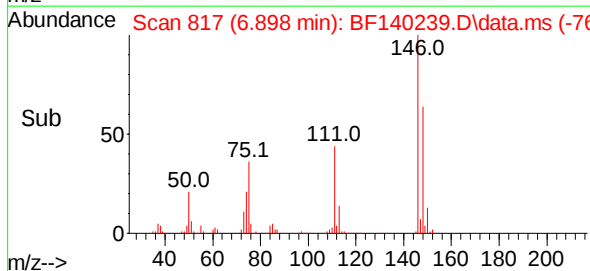
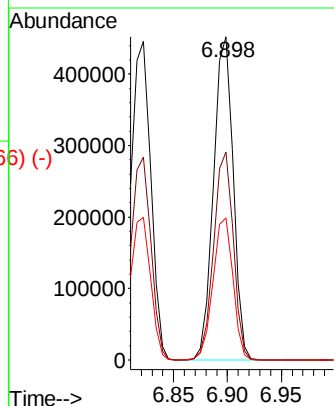
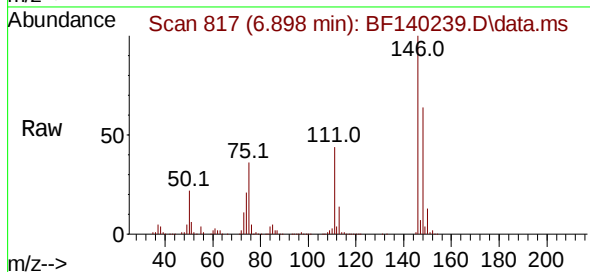
Tgt Ion:146 Resp: 576062

Ion	Ratio	Lower	Upper
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146	100		
-----	-----	--	--

148	64.3	51.8	77.6
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111	43.9	35.4	53.2
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1,2-Dichlorobenzene

Concen: 38.196 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

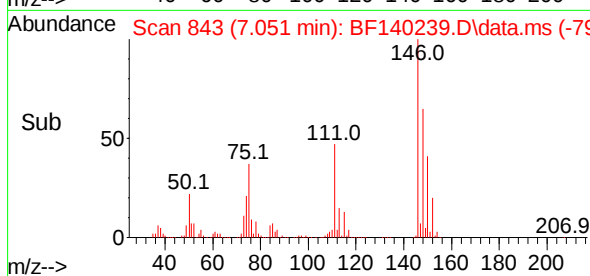
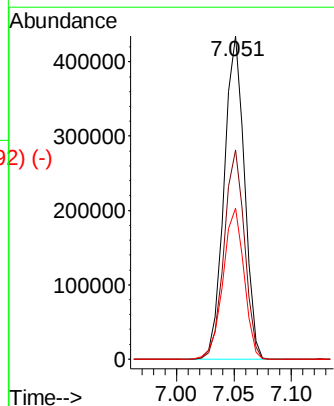
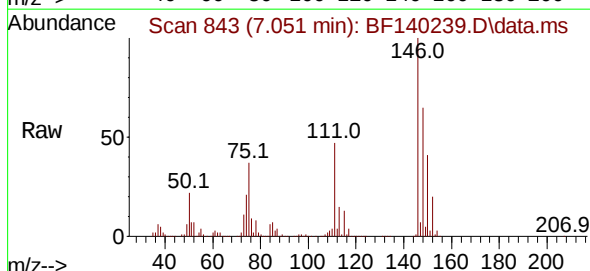
Tgt Ion:146 Resp: 535197

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

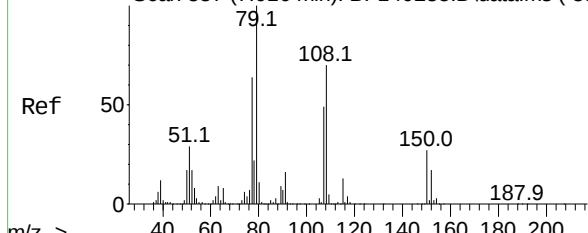
146	100		
-----	-----	--	--

148	64.8	51.8	77.6
-----	------	------	------

111	46.7	37.9	56.9
-----	------	------	------



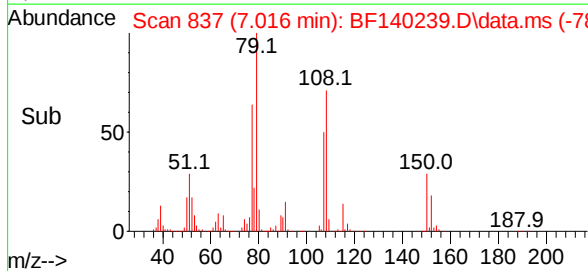
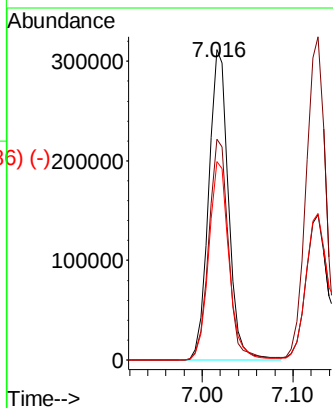
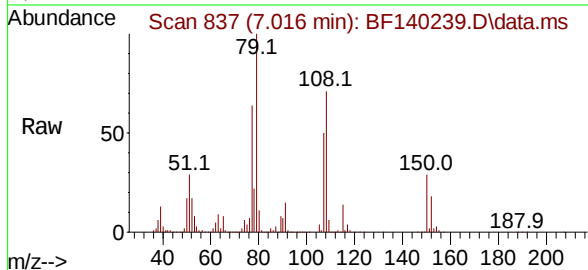
Abundance Scan 837 (7.016 min): BF140235.D\data.ms (-830) #15



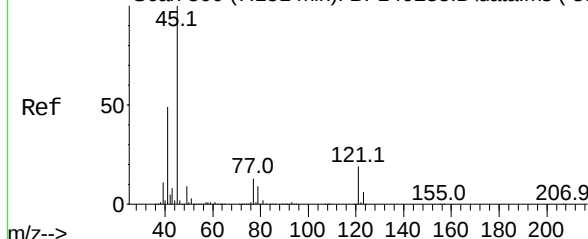
Benzyl Alcohol
Concen: 39.247 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Instrument :
BNA_F
ClientSampleId :
ICVBF110524

Tgt Ion: 79 Resp: 472112
Ion Ratio Lower Upper
79 100
108 71.1 55.8 83.6
77 63.9 51.1 76.7

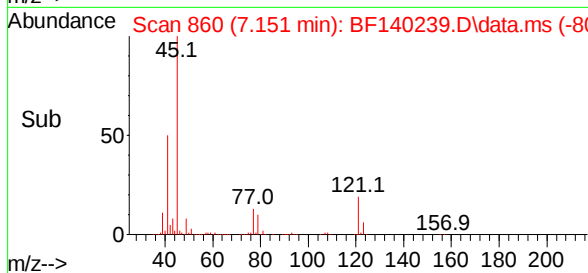
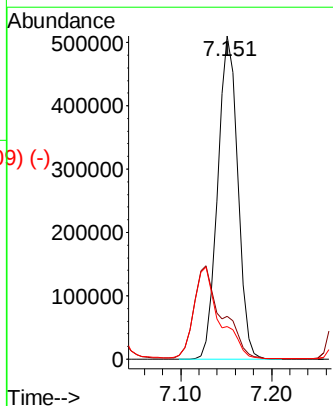
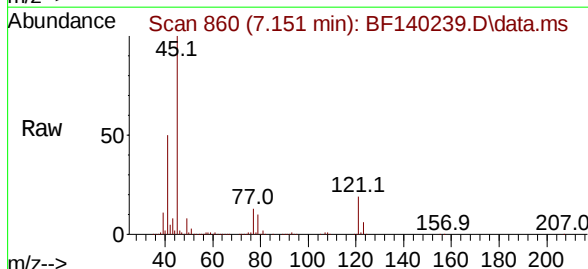


Abundance Scan 860 (7.151 min): BF140235.D\data.ms (-850) #16



2,2'-oxybis(1-Chloropropane)
Concen: 38.401 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Tgt Ion: 45 Resp: 782550
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.3
79 10.1 0.0 29.9



Abundance Scan 856 (7.128 min): BF140235.D\data.ms (-849) #17

2-Methylphenol

Concen: 39.246 ng

RT: 7.128 min Scan# 856

Delta R.T. 0.000 min

Lab File: BF140239.D

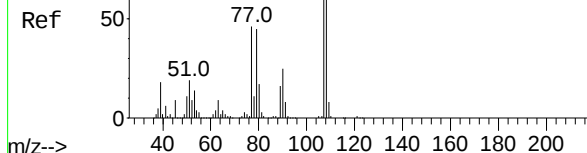
Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524



Tgt Ion:107 Resp: 415570

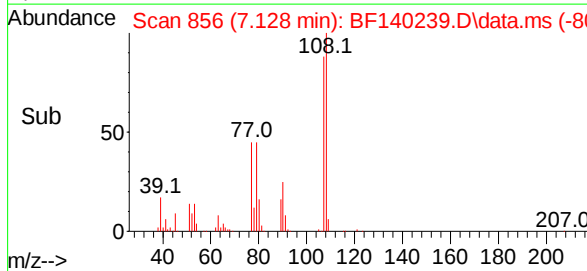
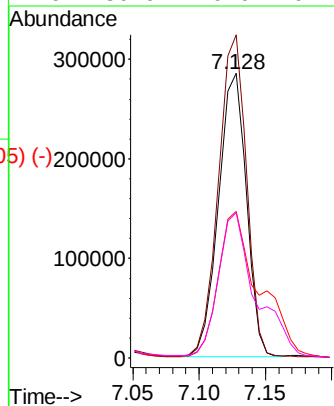
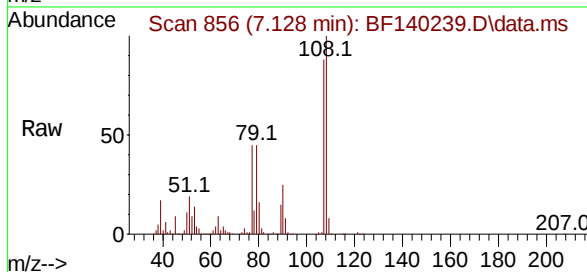
Ion Ratio Lower Upper

107 100

108 113.5 90.5 135.7

77 51.5 41.8 62.6

79 50.9 40.6 61.0



Abundance Scan 901 (7.392 min): BF140235.D\data.ms (-894) #18

Hexachloroethane

Concen: 39.497 ng

RT: 7.392 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

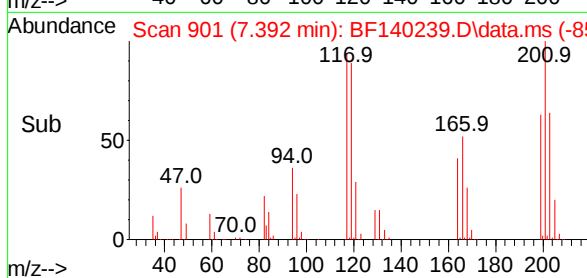
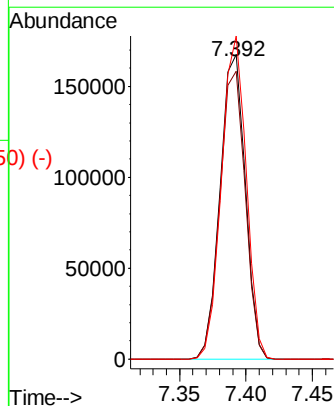
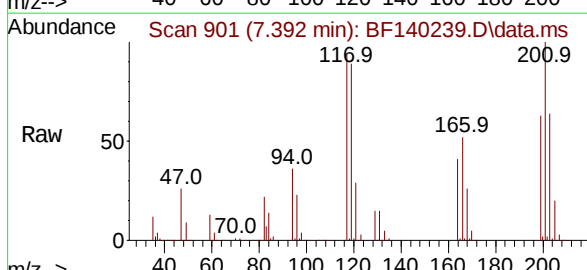
Tgt Ion:117 Resp: 220724

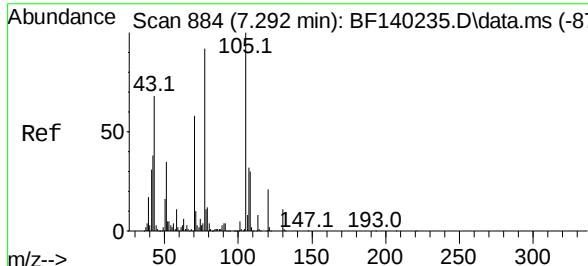
Ion Ratio Lower Upper

117 100

119 94.6 77.3 115.9

201 106.2 85.1 127.7

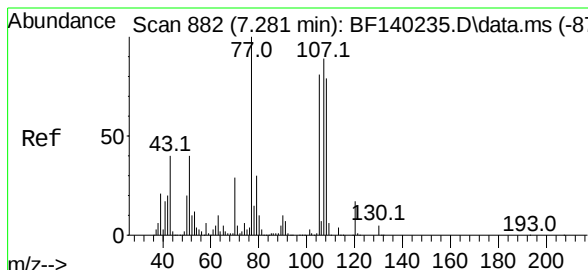
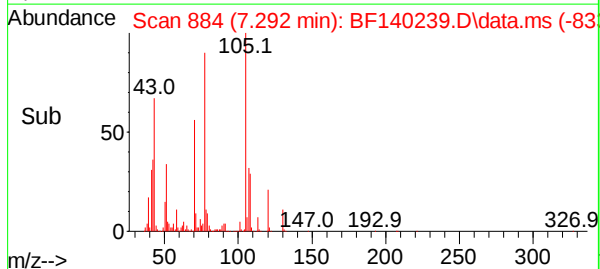
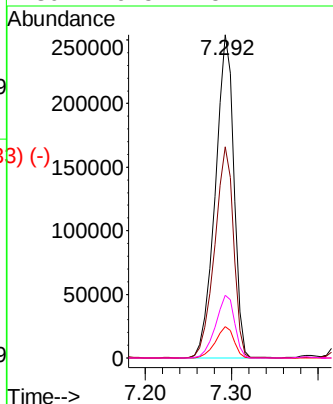
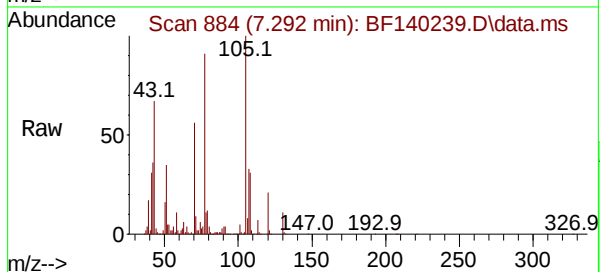




n-Nitroso-di-n-propylamine
 Concen: 38.494 ng
 RT: 7.292 min Scan# 884
 Delta R.T. 0.000 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

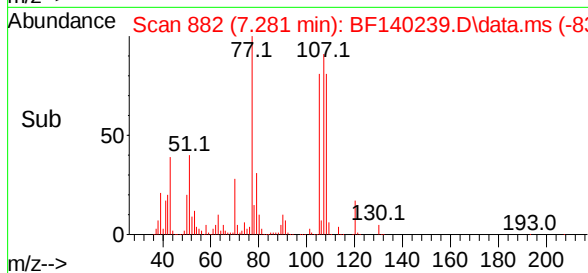
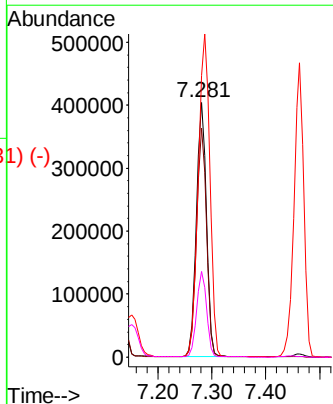
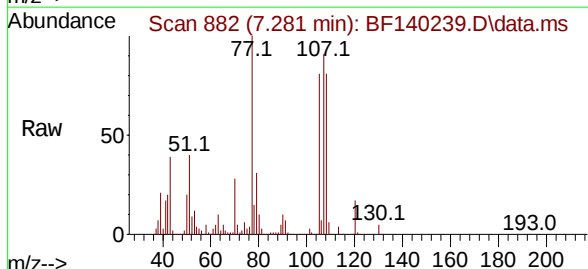
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110524

Tgt Ion:	70	Resp:	383204
Ion	Ratio	Lower	Upper
70	100		
42	65.3	52.8	79.2
101	9.7	7.4	11.2
130	19.5	15.1	22.7

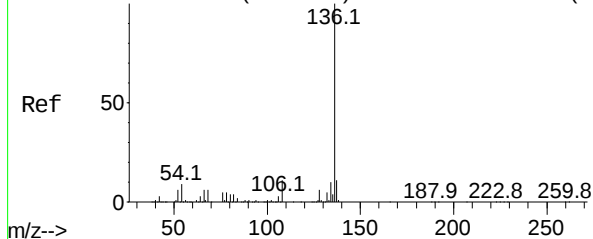


3+4-Methylphenols
 Concen: 39.115 ng
 RT: 7.281 min Scan# 882
 Delta R.T. 0.000 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

Tgt Ion:	107	Resp:	520181
Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.4	109.4
77	110.4	92.7	132.7
79	33.7	13.9	53.9



Abundance Scan 1031 (8.157 min): BF140235.D\data.ms (-10741)



Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1031

Delta R.T. 0.006 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

Tgt Ion:136 Resp: 759123

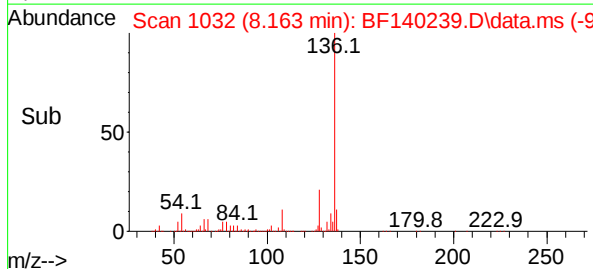
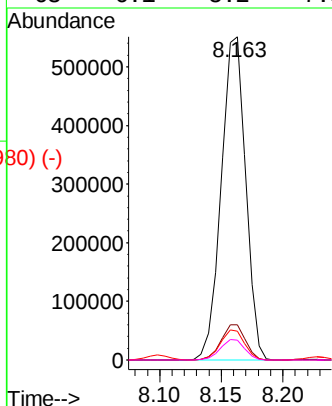
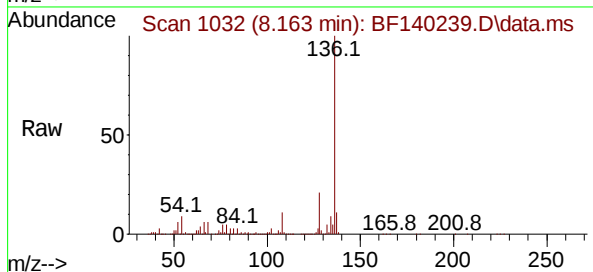
Ion Ratio Lower Upper

136 100

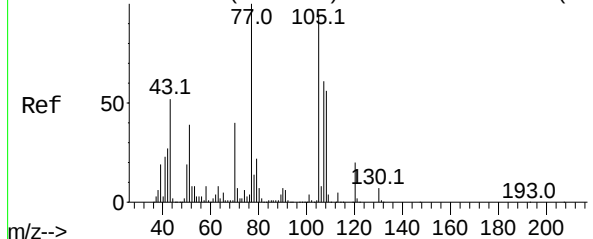
137 10.8 9.0 13.6

54 8.8 7.7 11.5

68 6.1 5.2 7.8



Abundance Scan 883 (7.287 min): BF140235.D\data.ms (-87542)



Acetophenone

Concen: 37.721 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Tgt Ion:105 Resp: 709958

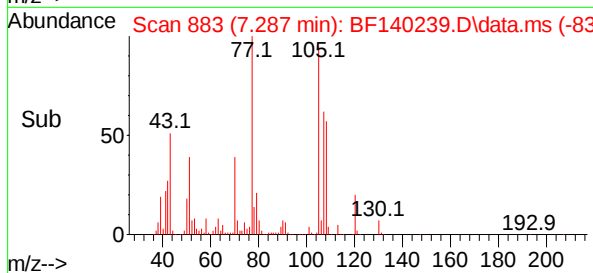
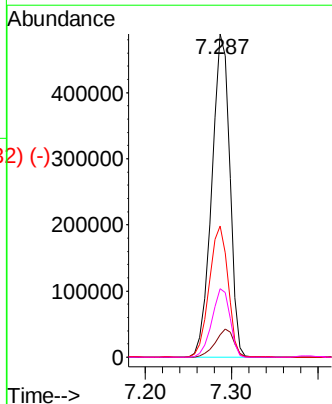
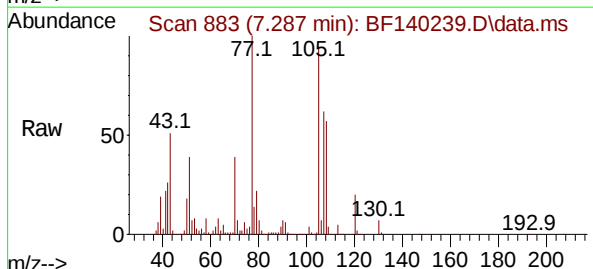
Ion Ratio Lower Upper

105 100

71 6.9 5.6 8.4

51 40.6 33.2 49.8

120 21.3 16.8 25.2



Abundance Scan 910 (7.445 min): BF140235.D\data.ms (-903) #23

Nitrobenzene-d5

Concen: 76.816 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

Tgt Ion: 82 Resp: 1172862

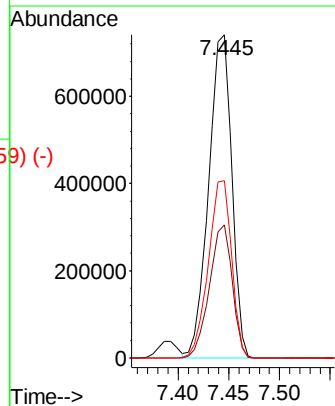
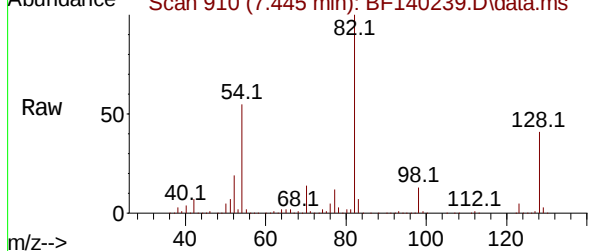
Ion Ratio Lower Upper

82 100

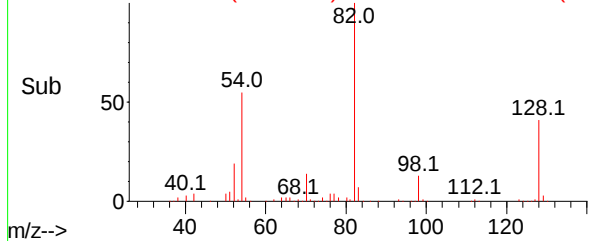
128 41.2 32.8 49.2

54 54.9 44.3 66.5

Abundance Scan 910 (7.445 min): BF140239.D\data.ms



Abundance Scan 910 (7.445 min): BF140239.D\data.ms (-859) (-)



Abundance Scan 913 (7.463 min): BF140235.D\data.ms (-904) #24

Nitrobenzene

Concen: 37.948 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Tgt Ion: 77 Resp: 607962

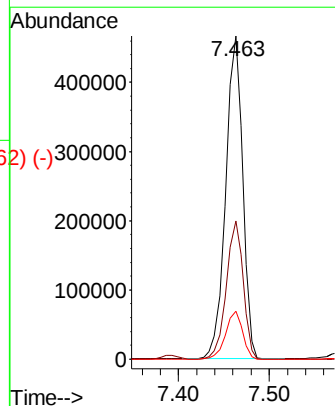
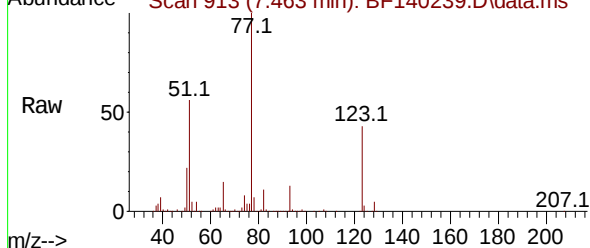
Ion Ratio Lower Upper

77 100

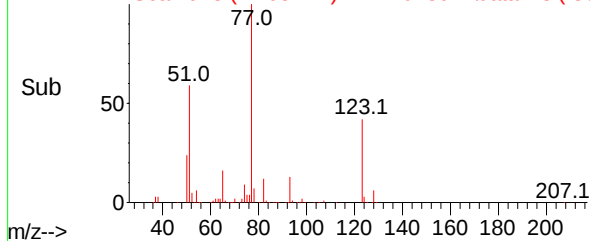
123 42.7 33.0 49.4

65 14.8 11.7 17.5

Abundance Scan 913 (7.463 min): BF140239.D\data.ms



Abundance Scan 913 (7.463 min): BF140239.D\data.ms (-862) (-)



Abundance Scan 953 (7.698 min): BF140235.D\data.ms (-944) #25

Isophorone

Concen: 38.273 ng

RT: 7.698 min Scan# 953

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

Tgt Ion: 82 Resp: 1006205

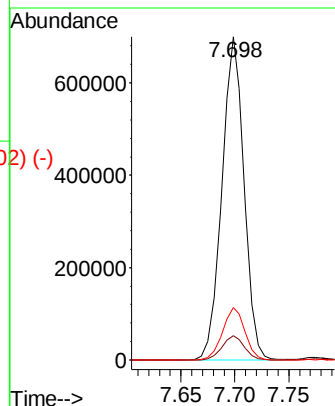
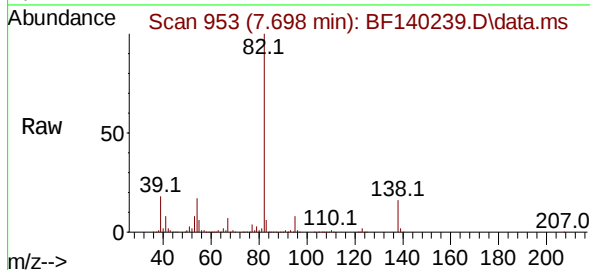
Ion Ratio Lower Upper

82 100

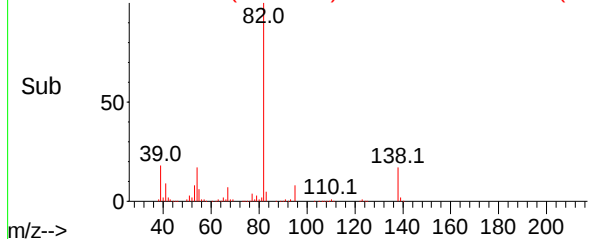
95 7.6 6.0 9.0

138 16.2 12.9 19.3

Abundance Scan 953 (7.698 min): BF140239.D\data.ms



Abundance Scan 953 (7.698 min): BF140239.D\data.ms (-902) (-)



Abundance Scan 966 (7.775 min): BF140235.D\data.ms (-959) #26

2-Nitrophenol

Concen: 40.349 ng

RT: 7.775 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Tgt Ion: 139 Resp: 257144

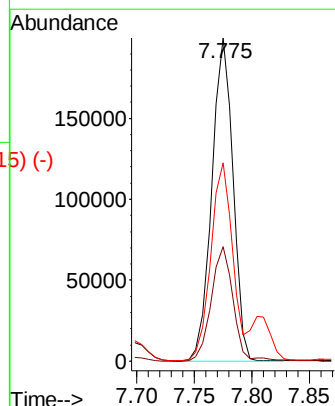
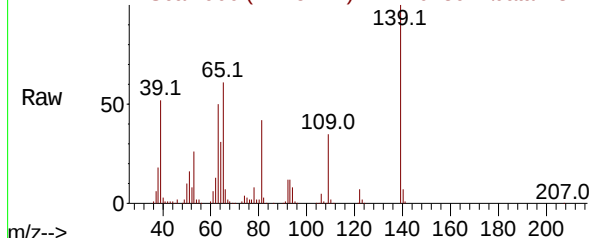
Ion Ratio Lower Upper

139 100

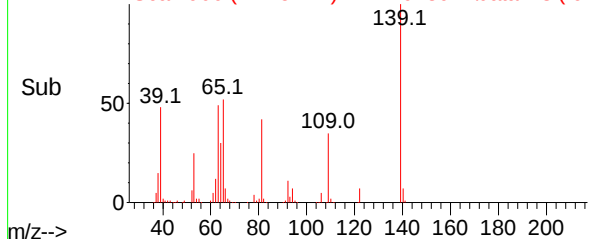
109 35.4 27.8 41.8

65 61.5 48.2 72.2

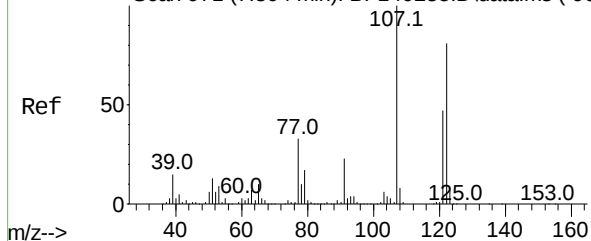
Abundance Scan 966 (7.775 min): BF140239.D\data.ms



Abundance Scan 966 (7.775 min): BF140239.D\data.ms (-915) (-)



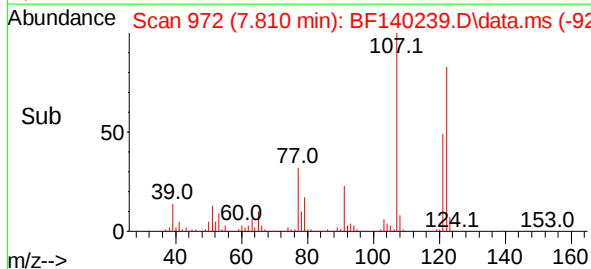
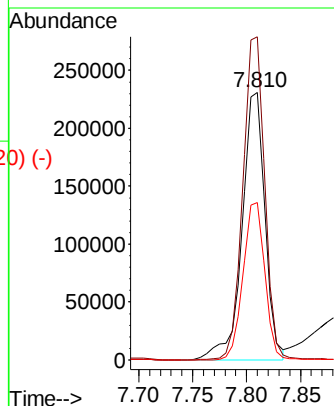
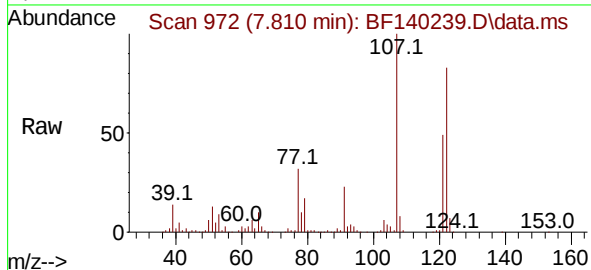
Abundance Scan 971 (7.804 min): BF140235.D\data.ms (-960) #27



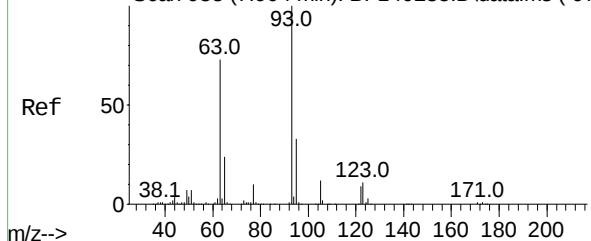
2,4-Dimethylphenol
Concen: 39.198 ng
RT: 7.810 min Scan# 971
Delta R.T. 0.006 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Instrument :
BNA_F
ClientSampleId :
ICVBF110524

Tgt Ion:	122	Resp:	339849
Ion	Ratio	Lower	Upper
122	100		
107	120.8	99.4	149.0
121	58.9	47.1	70.7

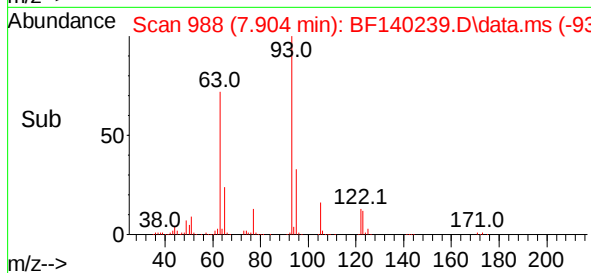
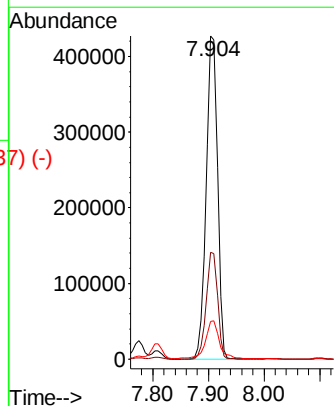
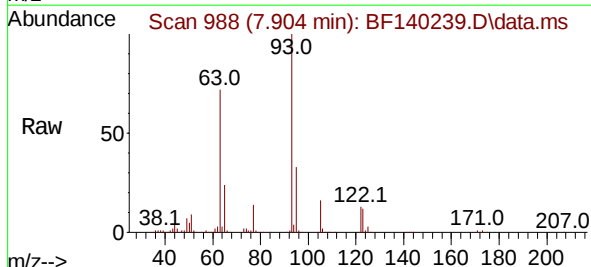


Abundance Scan 988 (7.904 min): BF140235.D\data.ms (-979) #28



bis(2-Chloroethoxy)methane
Concen: 38.011 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Tgt Ion:	93	Resp:	598024
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.1	39.1
123	11.6	9.4	14.0



Abundance Scan 1007 (8.016 min): BF140235.D\data.ms (-99949)

2,4-Dichlorophenol

Concen: 39.176 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140239.D

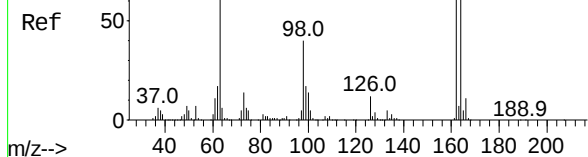
Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524



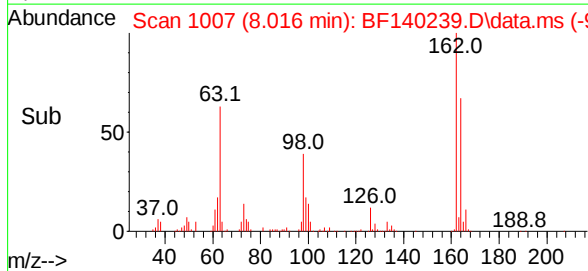
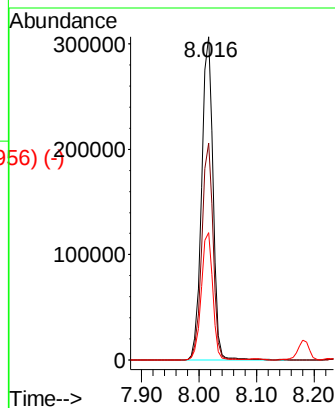
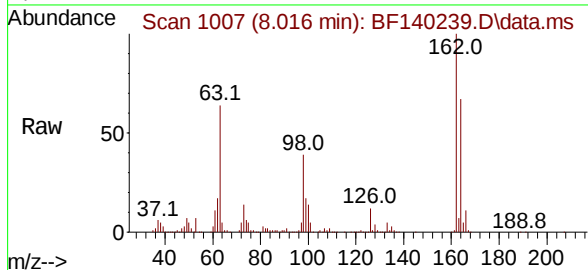
Tgt Ion:162 Resp: 420190

Ion Ratio Lower Upper

162 100

164 67.0 47.5 87.5

98 39.5 19.5 59.5



Abundance Scan 1021 (8.098 min): BF140235.D\data.ms (-101490)

1,2,4-Trichlorobenzene

Concen: 38.282 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

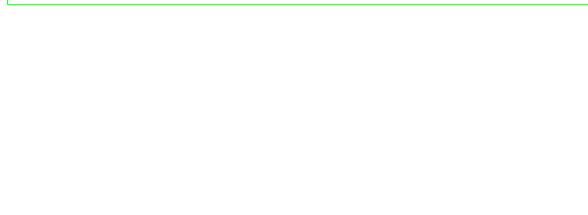
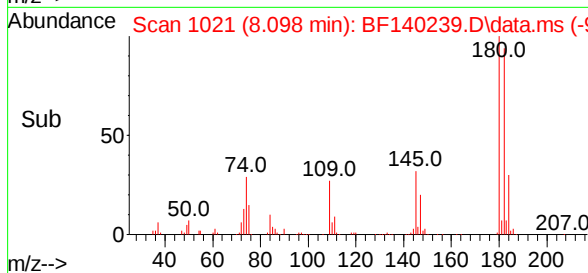
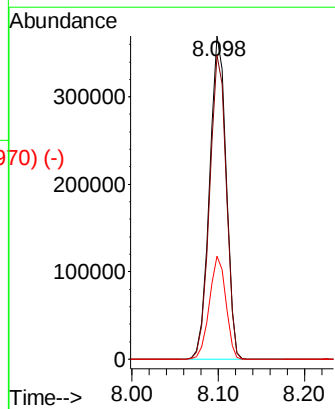
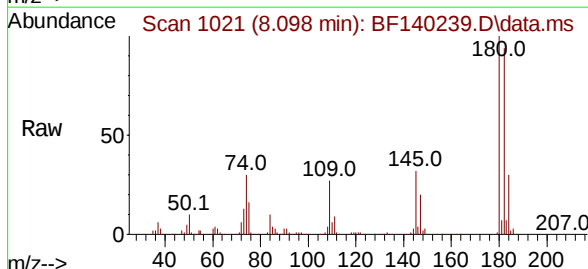
Tgt Ion:180 Resp: 492037

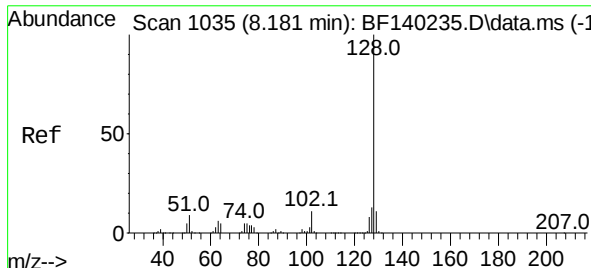
Ion Ratio Lower Upper

180 100

182 94.0 75.9 113.9

145 31.8 26.1 39.1

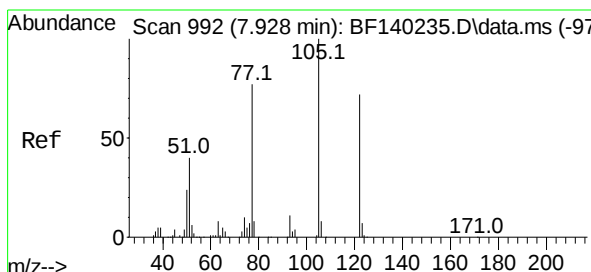
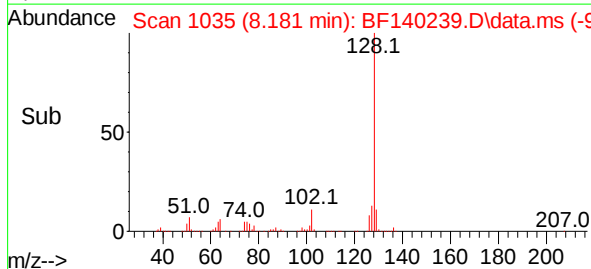
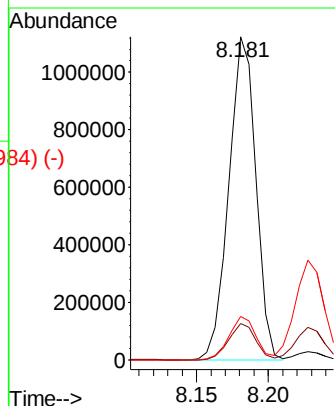
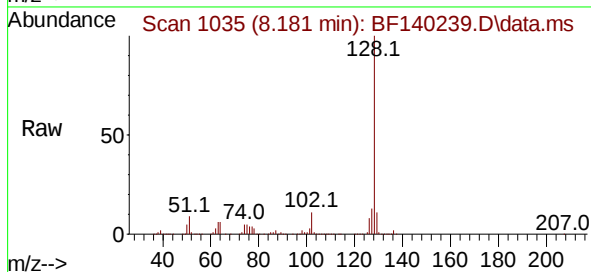




Naphthalene
Concen: 37.544 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

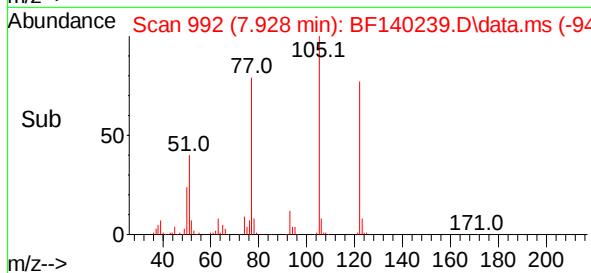
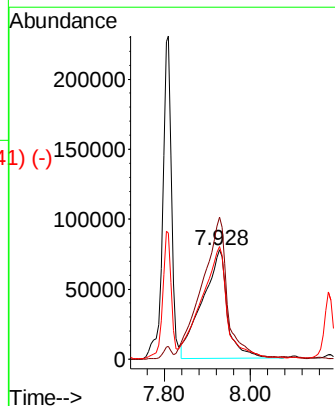
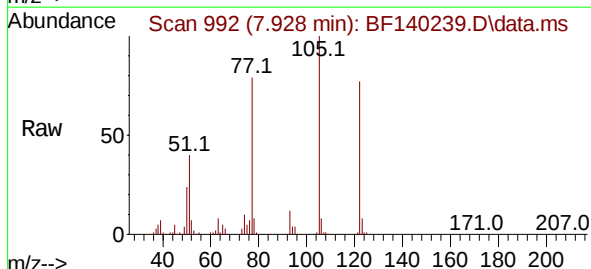
Instrument :
BNA_F
ClientSampleId :
ICVBF110524

Tgt Ion:128 Resp: 1471734
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.7 16.1

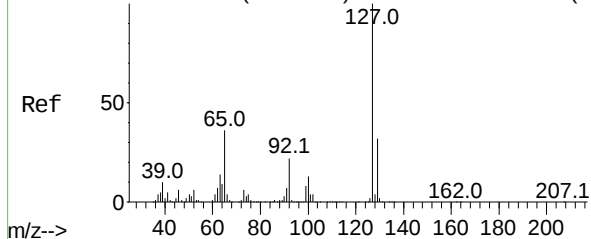


Benzoic acid
Concen: 43.437 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Tgt Ion:122 Resp: 309063
Ion Ratio Lower Upper
122 100
105 130.0 112.6 152.6
77 103.3 84.3 124.3



Abundance Scan 1043 (8.228 min): BF140235.D\data.ms (-1033)



4-Chloroaniline

Concen: 37.948 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

Tgt Ion:127 Resp: 489727

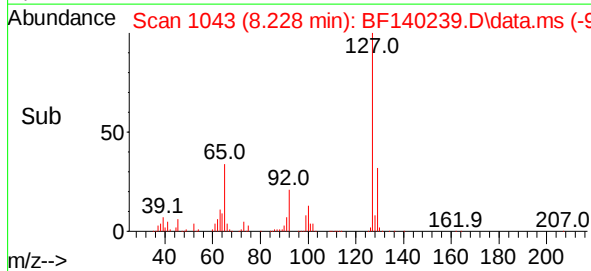
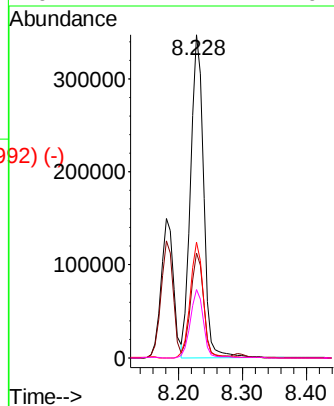
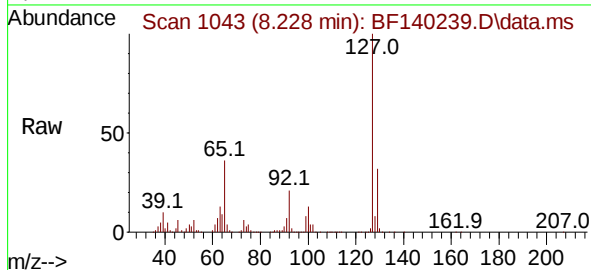
Ion Ratio Lower Upper

127 100

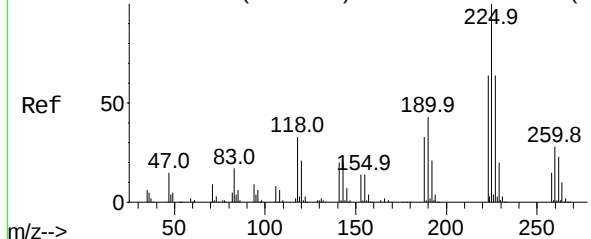
129 32.5 25.8 38.6

65 35.7 29.0 43.6

92 21.2 17.4 26.0



Abundance Scan 1055 (8.298 min): BF140235.D\data.ms (-1043)



Hexachlorobutadiene

Concen: 38.514 ng

RT: 8.298 min Scan# 1055

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

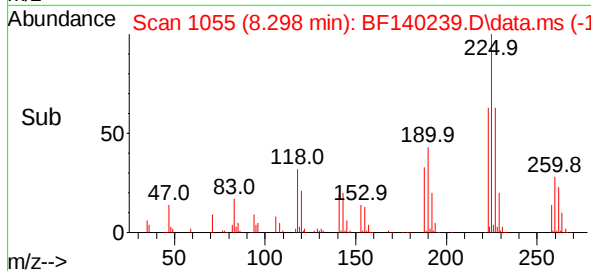
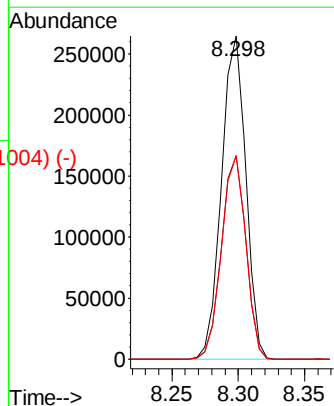
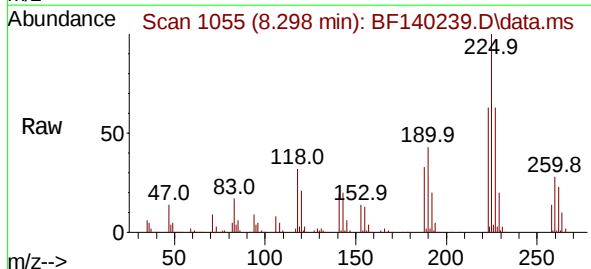
Tgt Ion:225 Resp: 335056

Ion Ratio Lower Upper

225 100

223 63.0 50.8 76.2

227 63.0 51.0 76.6



Abundance Scan 1108 (8.610 min): BF140235.D\data.ms (-11035)

Caprolactam

Concen: 39.367 ng

RT: 8.610 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

Tgt Ion:113 Resp: 128447

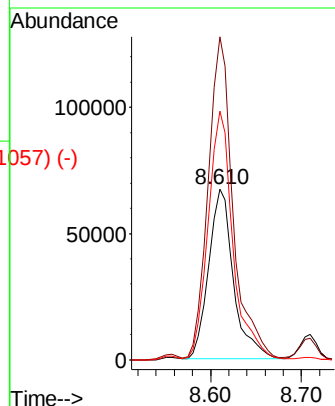
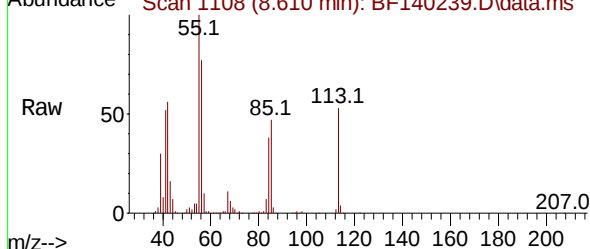
Ion Ratio Lower Upper

113 100

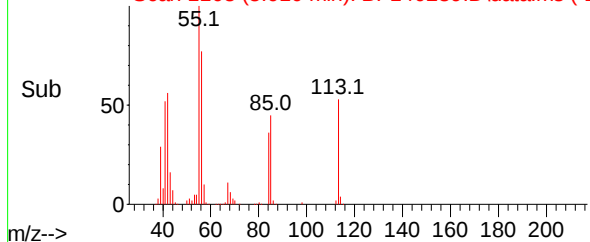
55 189.0 165.2 205.2

56 145.8 122.1 162.1

Abundance Scan 1108 (8.610 min): BF140239.D\data.ms



Abundance Scan 1108 (8.610 min): BF140239.D\data.ms (-1057) (-)



Abundance Scan 1124 (8.704 min): BF140235.D\data.ms (-11636)

4-Chloro-3-methylphenol

Concen: 39.305 ng

RT: 8.710 min Scan# 1125

Delta R.T. 0.006 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Tgt Ion:107 Resp: 469388

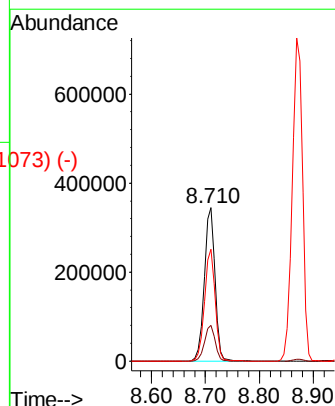
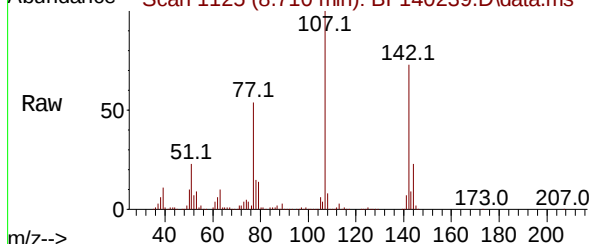
Ion Ratio Lower Upper

107 100

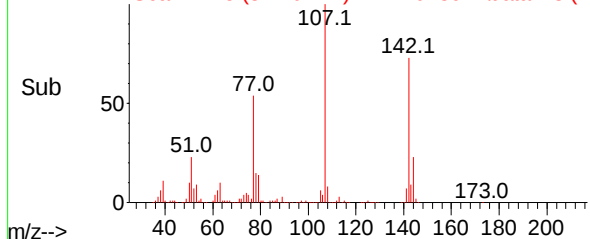
144 23.5 18.6 27.8

142 73.1 58.1 87.1

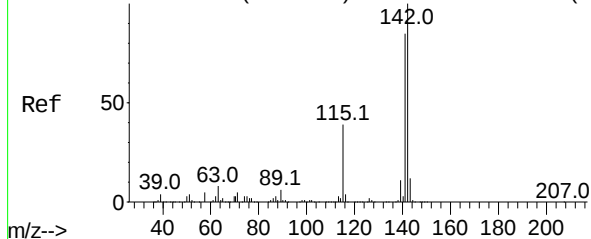
Abundance Scan 1125 (8.710 min): BF140239.D\data.ms



Abundance Scan 1125 (8.710 min): BF140239.D\data.ms (-1073) (-)



Abundance Scan 1152 (8.869 min): BF140235.D\data.ms (-11437)



2-Methylnaphthalene

Concen: 37.768 ng

RT: 8.869 min Scan#

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

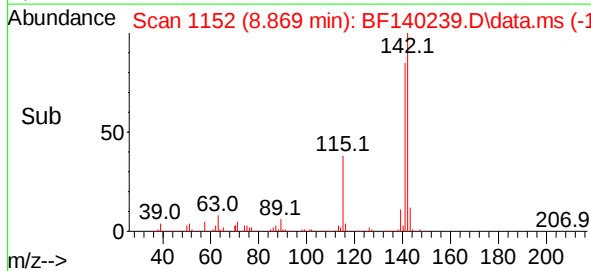
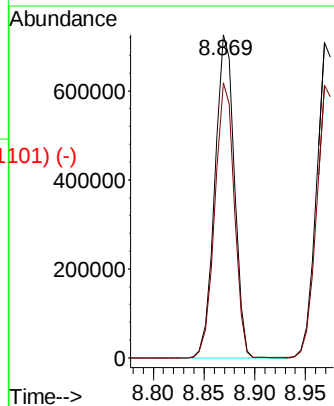
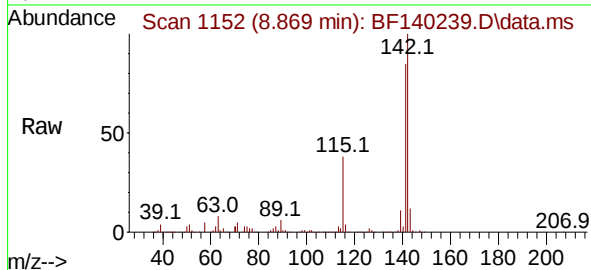
ICVBF110524

Tgt Ion:142 Resp: 966236

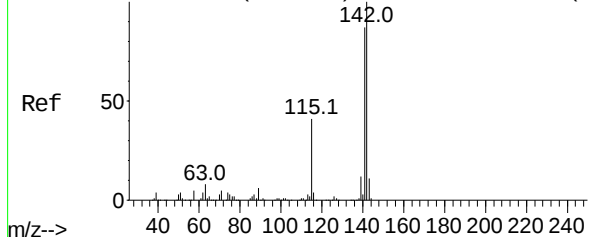
Ion Ratio Lower Upper

142 100

141 85.2 67.8 101.8



Abundance Scan 1169 (8.969 min): BF140235.D\data.ms (-11638)



1-Methylnaphthalene

Concen: 37.949 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140239.D

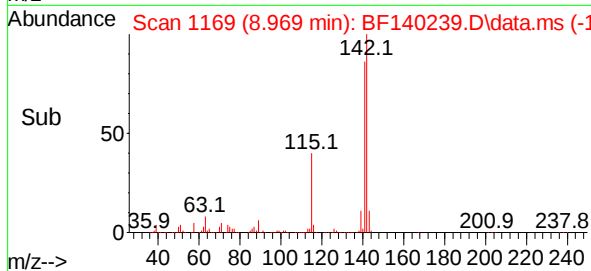
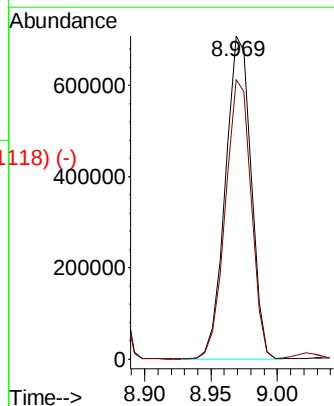
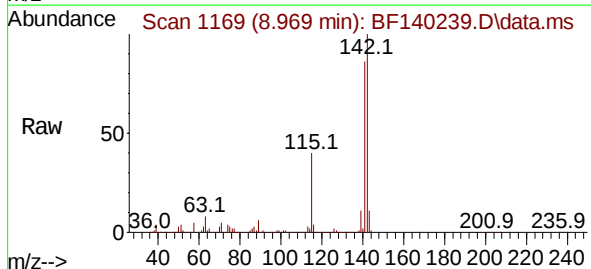
Acq: 05 Nov 2024 16:07

Tgt Ion:142 Resp: 951613

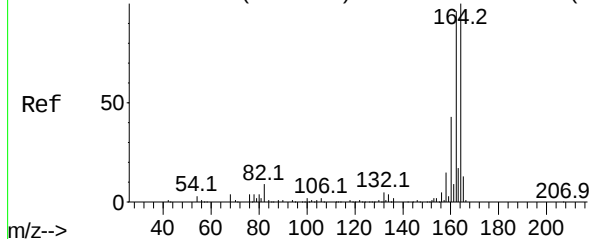
Ion Ratio Lower Upper

142 100

141 86.5 69.7 104.5



Abundance Scan 1331 (9.922 min): BF140235.D\data.ms (-13239)



Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

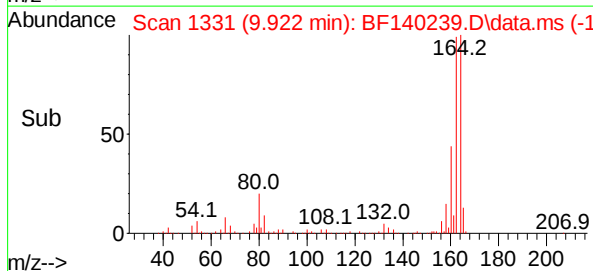
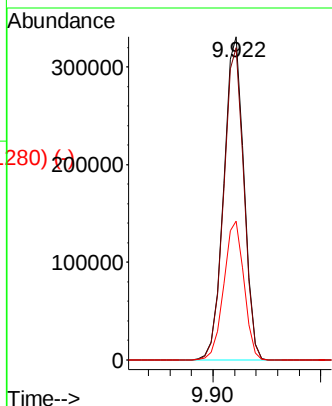
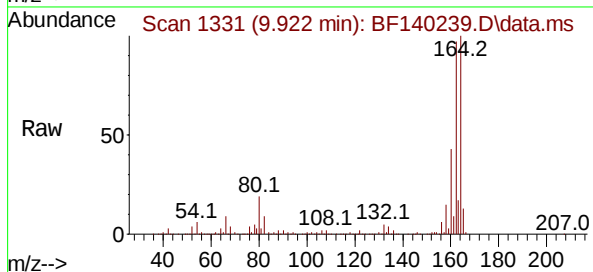
Tgt Ion:164 Resp: 435405

Ion Ratio Lower Upper

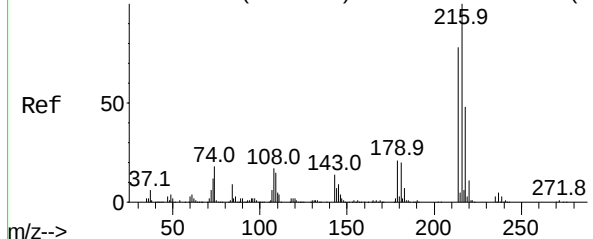
164 100

162 96.6 77.0 115.4

160 42.9 34.1 51.1



Abundance Scan 1181 (9.039 min): BF140235.D\data.ms (-117310)



1,2,4,5-Tetrachlorobenzene

Concen: 38.952 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Tgt Ion:216 Resp: 496500

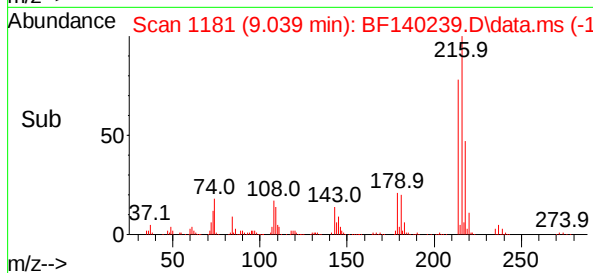
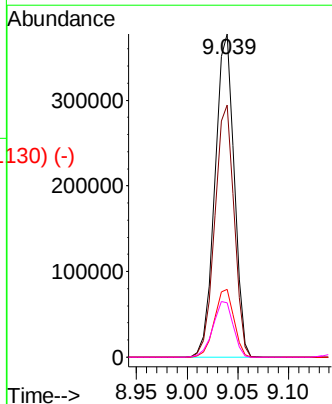
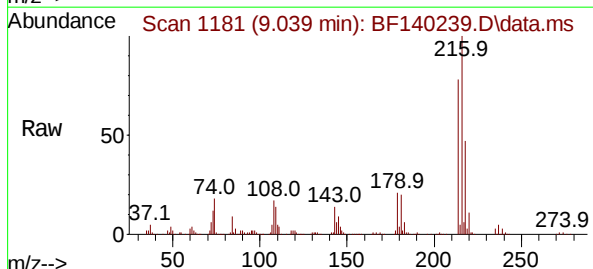
Ion Ratio Lower Upper

216 100

214 78.1 62.8 94.2

179 21.2 17.3 25.9

108 18.2 15.3 22.9



Abundance Scan 1178 (9.022 min): BF140235.D\data.ms (-11741-)

Hexachlorocyclopentadiene

Concen: 41.739 ng

RT: 9.022 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

Tgt Ion:237 Resp: 149082

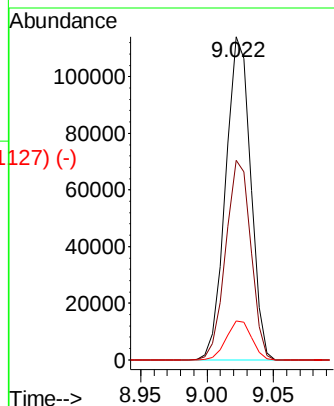
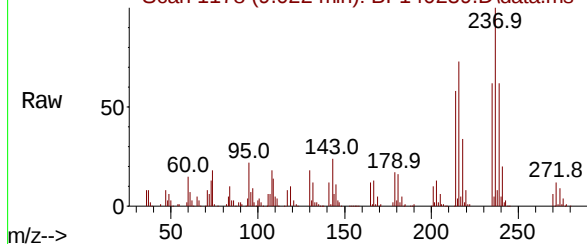
Ion Ratio Lower Upper

237 100

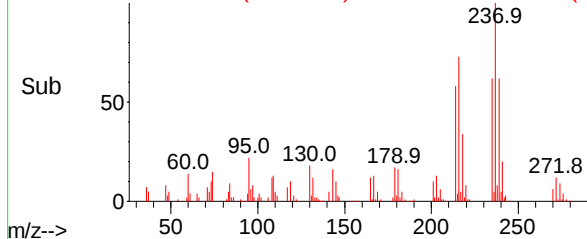
235 61.7 41.8 81.8

272 12.0 0.0 31.8

Abundance Scan 1178 (9.022 min): BF140239.D\data.ms



Abundance Scan 1178 (9.022 min): BF140239.D\data.ms (-1127) (-)



Abundance Scan 1465 (10.710 min): BF140235.D\data.ms (-14542-)

2,4,6-Tribromophenol

Concen: 81.047 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Tgt Ion:330 Resp: 348804

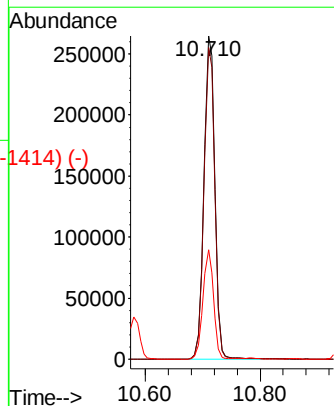
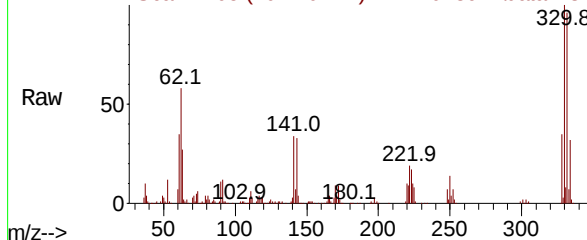
Ion Ratio Lower Upper

330 100

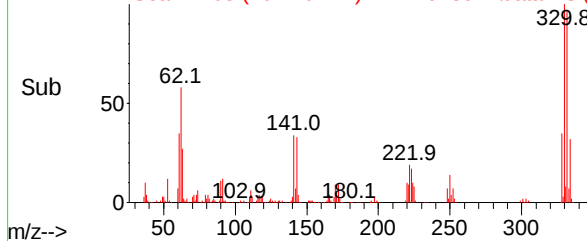
332 96.3 76.4 114.6

141 33.0 27.0 40.4

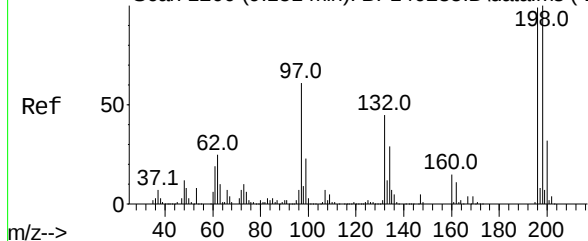
Abundance Scan 1465 (10.710 min): BF140239.D\data.ms



Abundance Scan 1465 (10.710 min): BF140239.D\data.ms (-1414) (-)



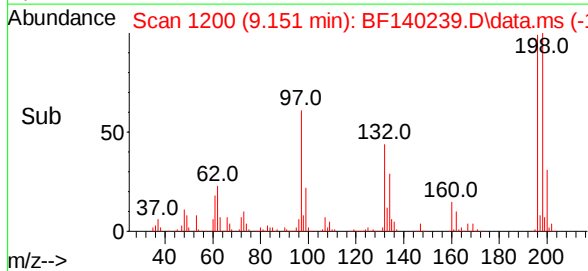
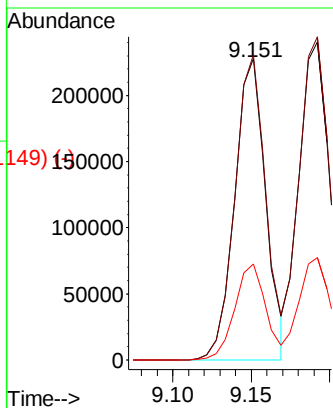
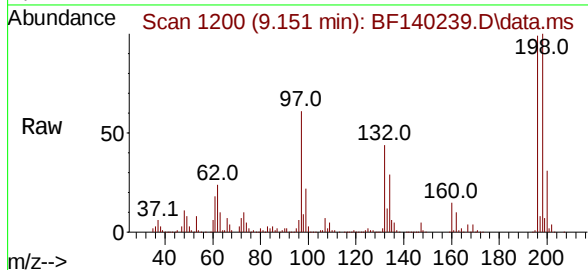
Abundance Scan 1200 (9.151 min): BF140235.D\data.ms (-119213)



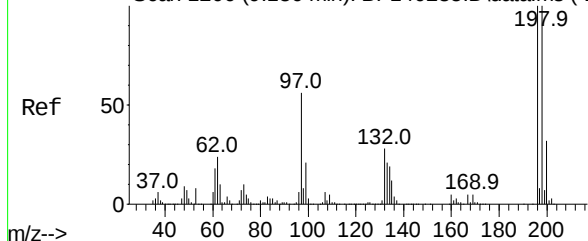
2,4,6-Trichlorophenol
Concen: 39.578 ng
RT: 9.151 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Instrument :
BNA_F
ClientSampleId :
ICVBF110524

Tgt Ion:	196	Resp:	312622
Ion	Ratio	Lower	Upper
196	100		
198	101.3	80.8	121.2
200	31.9	26.0	39.0

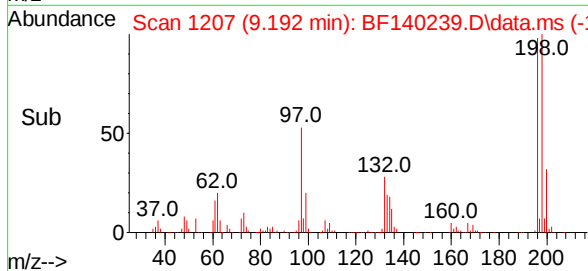
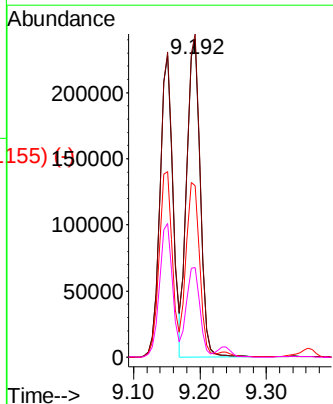
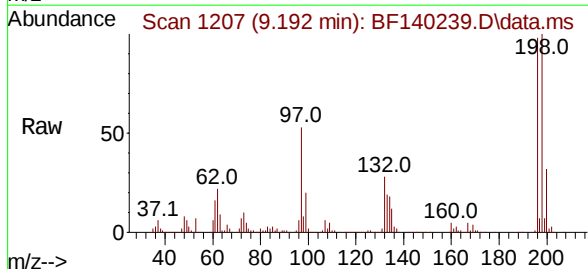


Abundance Scan 1206 (9.186 min): BF140235.D\data.ms (-120614)

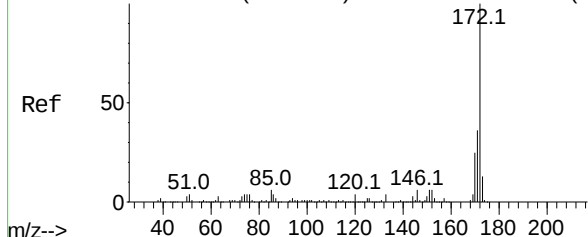


2,4,5-Trichlorophenol
Concen: 40.052 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Tgt Ion:	196	Resp:	332641
Ion	Ratio	Lower	Upper
196	100		
198	101.7	80.0	120.0
97	54.0	45.7	68.5
132	28.2	23.0	34.6



Abundance Scan 1215 (9.239 min): BF140235.D\data.ms (-12034)



2-Fluorobiphenyl

Concen: 74.802 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

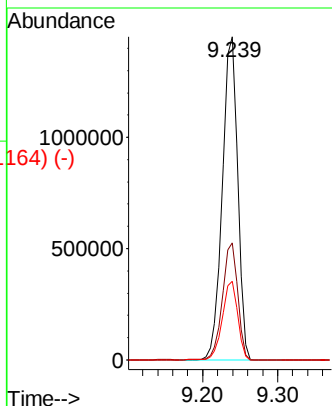
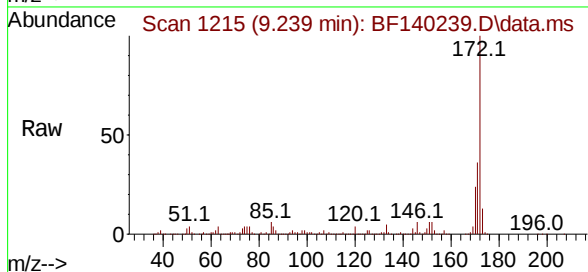
Tgt Ion:172 Resp: 2039648

Ion Ratio Lower Upper

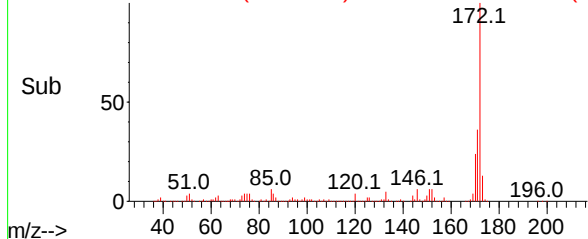
172 100

171 36.2 28.8 43.2

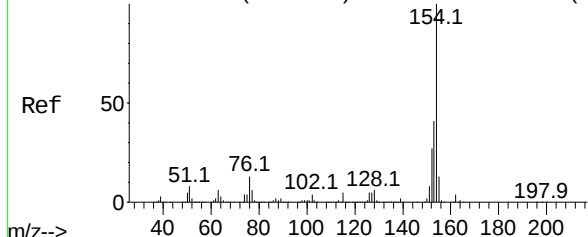
170 24.3 19.6 29.4



Abundance Scan 1215 (9.239 min): BF140239.D\data.ms (-1164) (-)



Abundance Scan 1232 (9.339 min): BF140235.D\data.ms (-12246)



1,1'-Biphenyl

Concen: 37.852 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

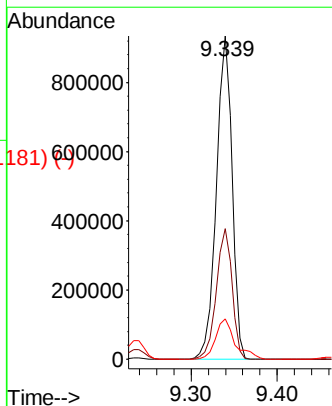
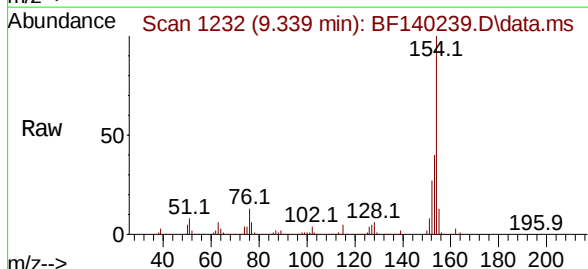
Tgt Ion:154 Resp: 1191279

Ion Ratio Lower Upper

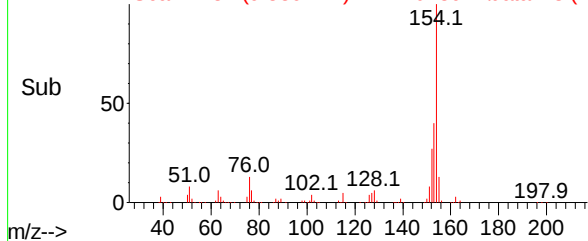
154 100

153 40.5 20.8 60.8

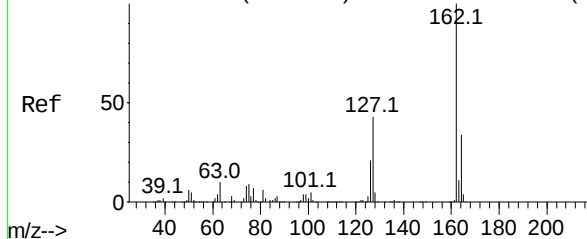
76 12.5 0.0 32.6



Abundance Scan 1232 (9.339 min): BF140239.D\data.ms (-1181) (-)



Abundance Scan 1236 (9.363 min): BF140235.D\data.ms (-12747)



2-Chloronaphthalene

Concen: 37.970 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

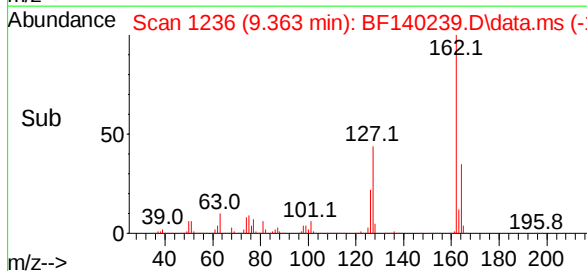
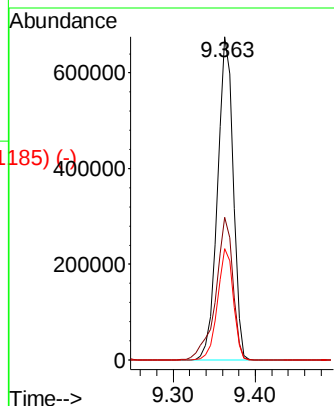
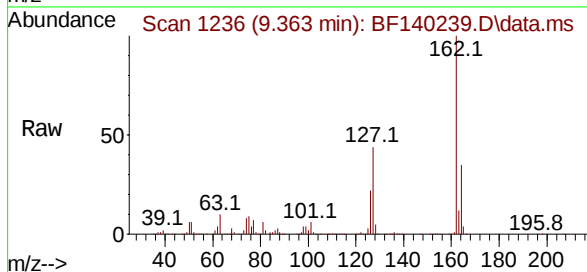
Tgt Ion:162 Resp: 899403

Ion Ratio Lower Upper

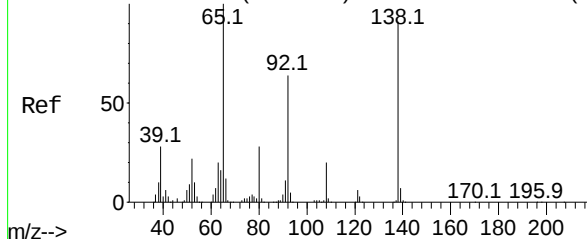
162 100

127 44.2 34.8 52.2

164 34.5 27.3 40.9



Abundance Scan 1252 (9.457 min): BF140235.D\data.ms (-12448)



2-Nitroaniline

Concen: 39.981 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

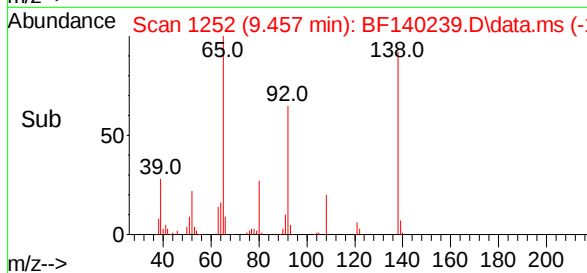
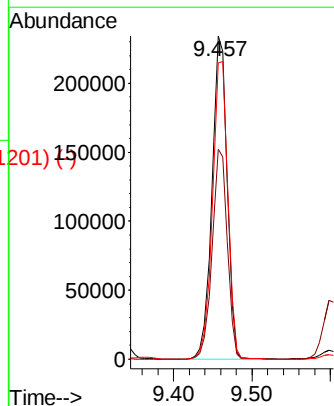
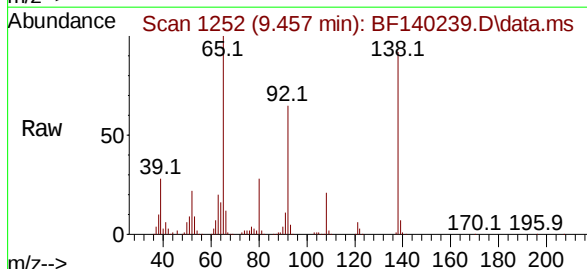
Tgt Ion: 65 Resp: 316714

Ion Ratio Lower Upper

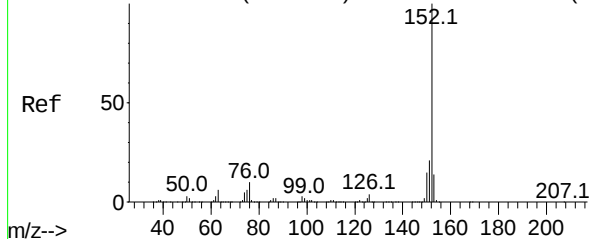
65 100

92 64.9 51.6 77.4

138 91.7 73.0 109.6



Abundance Scan 1307 (9.780 min): BF140235.D\data.ms (-1296)



Acenaphthylene

Concen: 38.713 ng

RT: 9.780 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

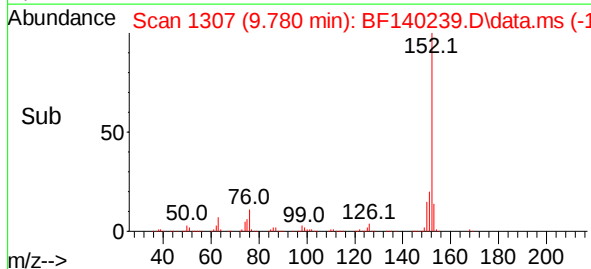
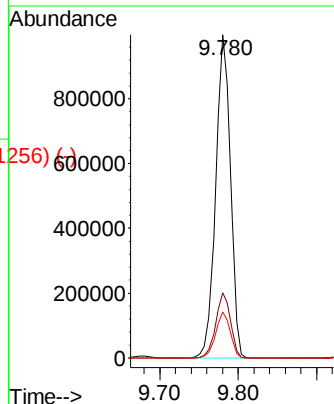
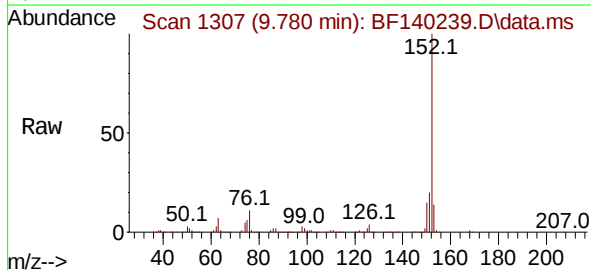
Tgt Ion:152 Resp: 1298263

Ion	Ratio	Lower	Upper
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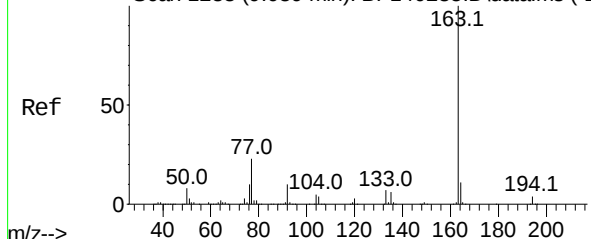
152	100		
-----	-----	--	--

151	20.2	16.4	24.6
-----	------	------	------

153	14.2	11.1	16.7
-----	------	------	------



Abundance Scan 1283 (9.639 min): BF140235.D\data.ms (-1275)



Dimethylphthalate

Concen: 38.809 ng

RT: 9.645 min Scan# 1284

Delta R.T. 0.006 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

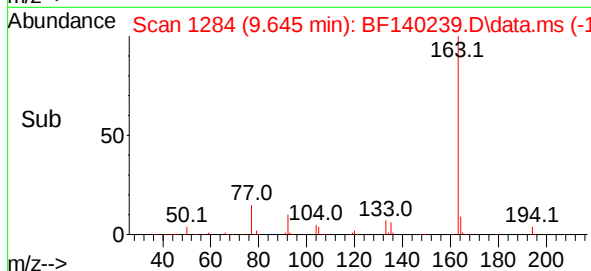
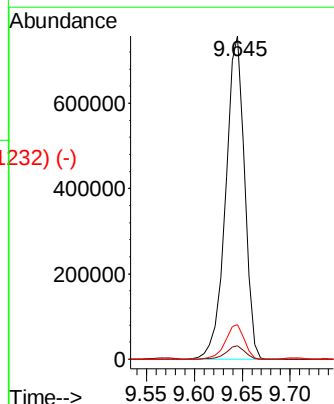
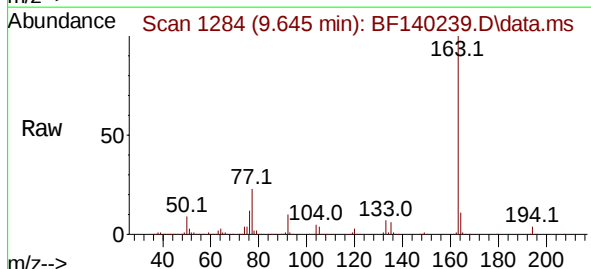
Tgt Ion:163 Resp: 1040659

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

163	100		
-----	-----	--	--

194	4.1	3.2	4.8
-----	-----	-----	-----

164	10.6	8.6	13.0
-----	------	-----	------



Abundance Scan 1294 (9.704 min): BF140235.D\data.ms (-1285) (-)

2,6-Dinitrotoluene

Concen: 40.169 ng

RT: 9.704 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

Tgt Ion:165 Resp: 253186

Ion Ratio Lower Upper

165 100

63 60.6 48.8 73.2

89 59.5 48.1 72.1

Abundance Scan 1294 (9.704 min): BF140239.D\data.ms

Ref

63.1 89.0 121.0 165.1 207.1

39.1

50

0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance Scan 1294 (9.704 min): BF140239.D\data.ms

Raw

63.0 89.1 121.0 165.1 207.0

39.1

50

0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance Scan 1294 (9.704 min): BF140239.D\data.ms (-1243) (-)

Sub

63.0 89.1 121.0 165.1 207.0

39.1

50

0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance

9.704

150000

100000

50000

0

Time-->

9.65 9.70 9.75

Abundance Scan 1336 (9.951 min): BF140235.D\data.ms (-1285) (-)

Acenaphthene

Concen: 38.663 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Tgt Ion:154 Resp: 919653

Ion Ratio Lower Upper

154 100

153 112.5 91.3 136.9

152 51.6 41.4 62.2

Abundance Scan 1337 (9.957 min): BF140239.D\data.ms

Ref

76.0 102.1 126.1 153.1 184.0

51.0

50

0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance Scan 1337 (9.957 min): BF140239.D\data.ms

Raw

76.1 102.1 126.1 153.1 185.0

51.1

50

0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance Scan 1337 (9.957 min): BF140239.D\data.ms (-1285) (-)

Sub

76.1 102.1 126.1 153.1 184.0

51.0

50

0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance

9.957

600000

400000

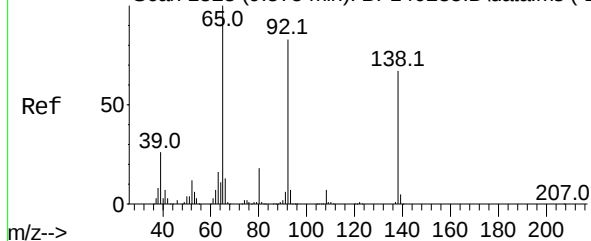
200000

0

Time-->

9.80 9.90 10.00

Abundance Scan 1323 (9.875 min): BF140235.D\data.ms (-13153)



3-Nitroaniline

Concen: 40.203 ng

RT: 9.875 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

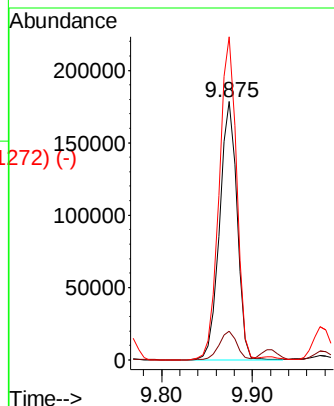
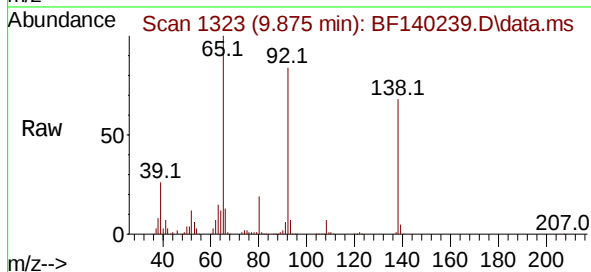
Tgt Ion:138 Resp: 238606

Ion Ratio Lower Upper

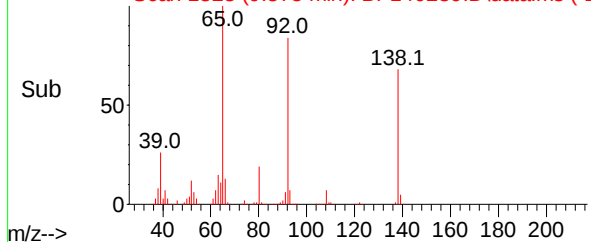
138 100

108 11.0 8.8 13.2

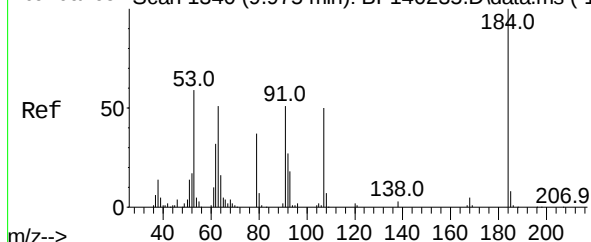
92 125.1 100.0 150.0



Abundance Scan 1323 (9.875 min): BF140239.D\data.ms (-1272) (-)



Abundance Scan 1340 (9.975 min): BF140235.D\data.ms (-13354)



2,4-Dinitrophenol

Concen: 39.421 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.005 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

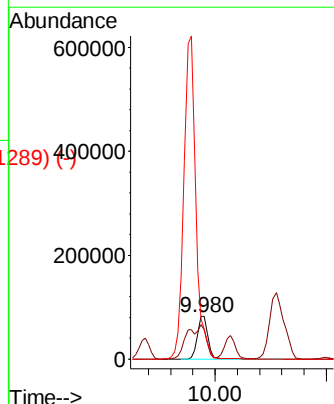
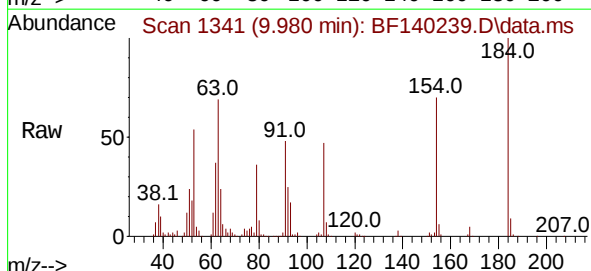
Tgt Ion:184 Resp: 111523

Ion Ratio Lower Upper

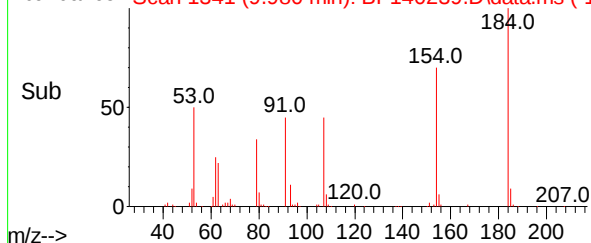
184 100

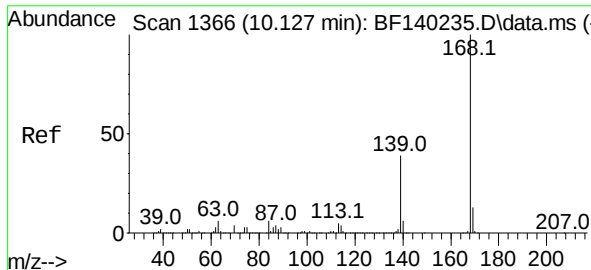
63 69.3 60.1 90.1

154 70.3 66.3 99.5



Abundance Scan 1341 (9.980 min): BF140239.D\data.ms (-1289) (-)

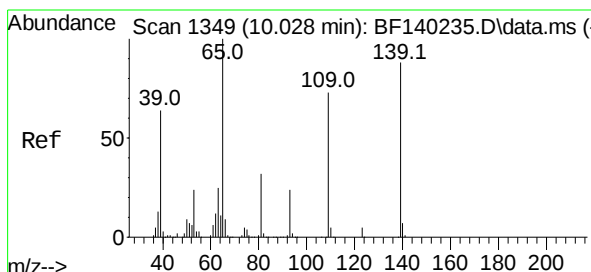
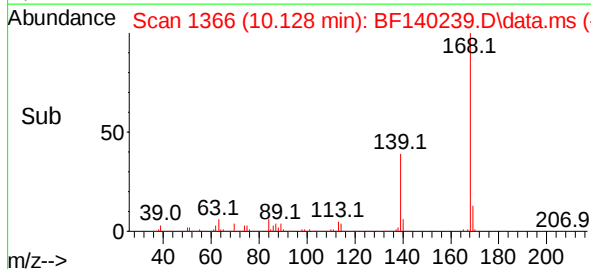
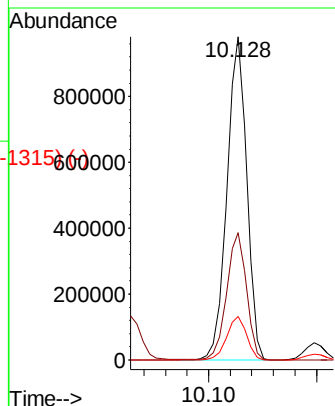
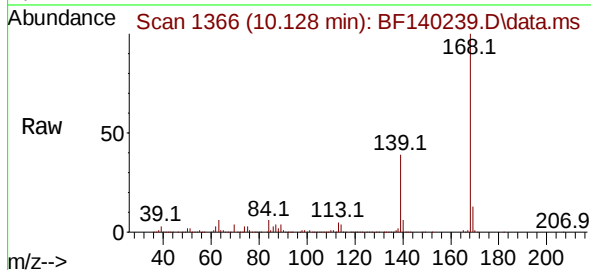




Dibenzenofuran
Concen: 38.079 ng
RT: 10.128 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

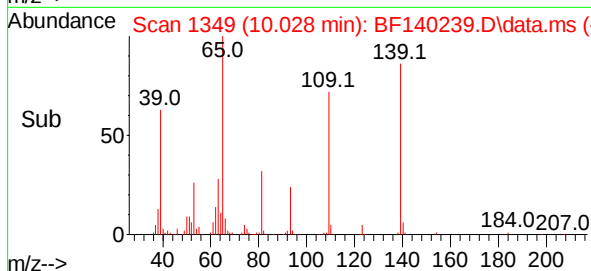
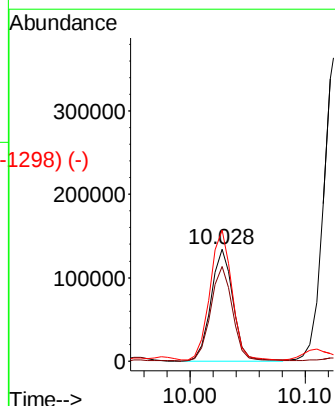
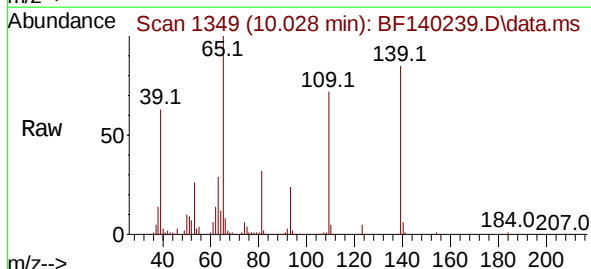
Instrument :
BNA_F
ClientSampleId :
ICVBF110524

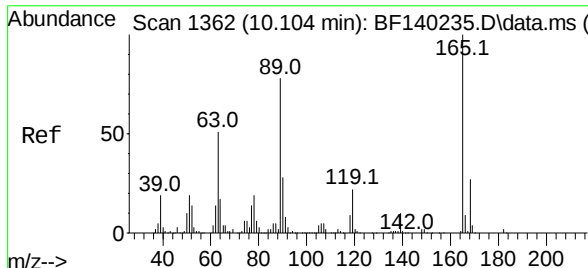
Tgt Ion:168 Resp: 1266586
Ion Ratio Lower Upper
168 100
139 39.5 31.5 47.3
169 13.4 10.6 15.8



4-Nitrophenol
Concen: 43.155 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Tgt Ion:139 Resp: 180092
Ion Ratio Lower Upper
139 100
109 84.4 63.8 103.8
65 117.1 94.7 134.7

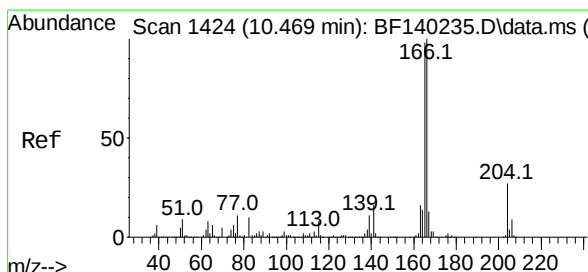
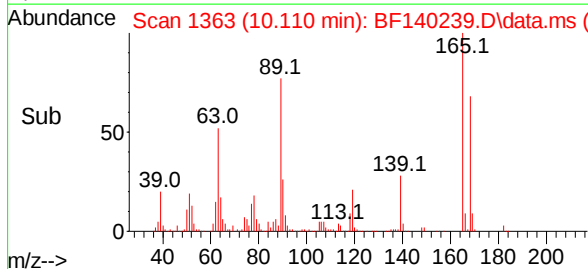
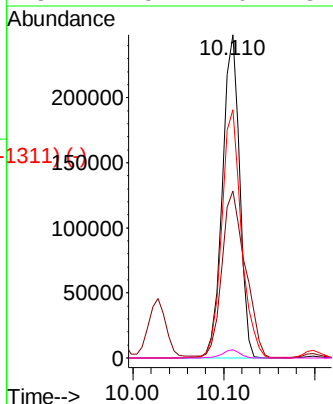
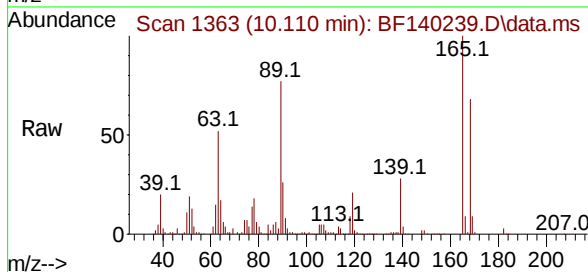




Scan 1362 (10.104 min): BF140235.D\data.ms (-1357) (-)
 2,4-Dinitrotoluene
 Concen: 39.922 ng
 RT: 10.110 min Scan# 1362
 Delta R.T. 0.006 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

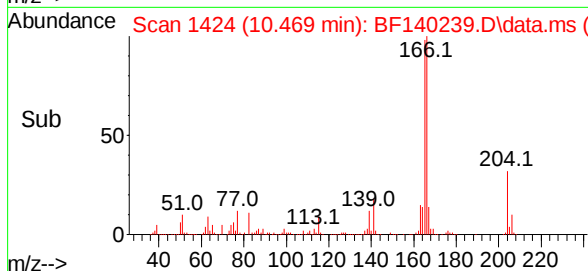
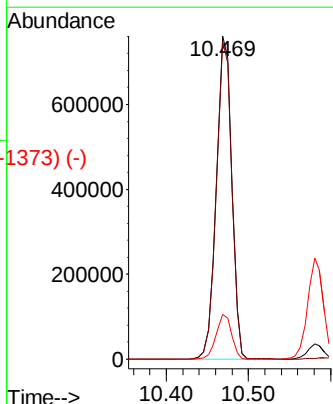
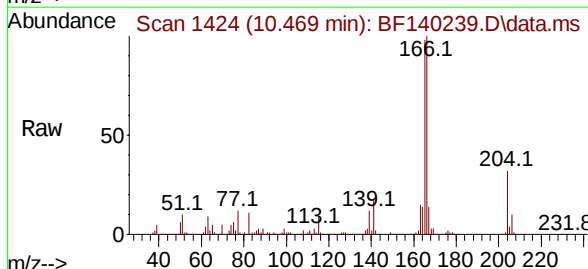
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110524

Tgt Ion:	165	Resp:	326533
Ion	Ratio	Lower	Upper
165	100		
63	51.8	41.3	61.9
89	76.8	62.6	94.0
182	2.5	2.0	3.0



Scan 1424 (10.469 min): BF140235.D\data.ms (-1458) (-)
 Fluorene
 Concen: 37.745 ng
 RT: 10.469 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

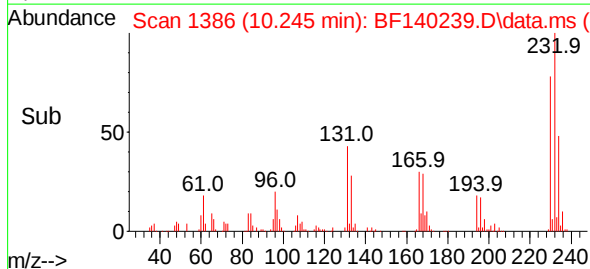
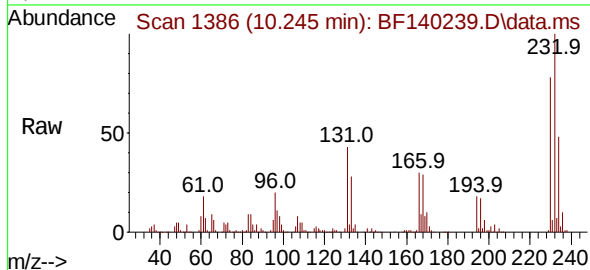
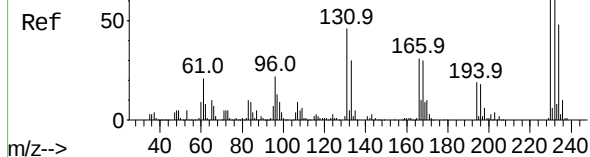
Tgt Ion:	166	Resp:	999362
Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.7	118.1
167	13.8	10.8	16.2



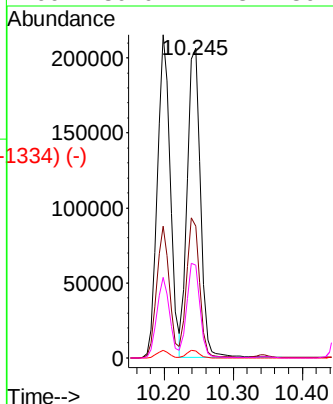
Abundance Scan 1385 (10.239 min): BF140235.D\data.ms (-1359) (-)

2,3,4,6-Tetrachlorophenol
Concen: 40.370 ng
RT: 10.245 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Instrument :
BNA_F
ClientSampleId :
ICVBF110524

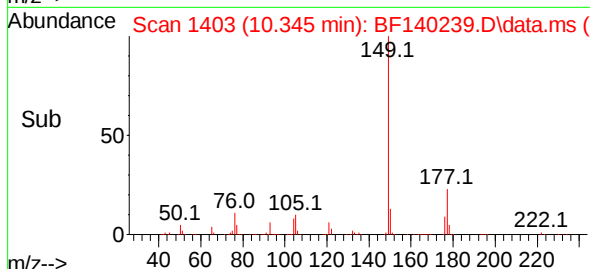
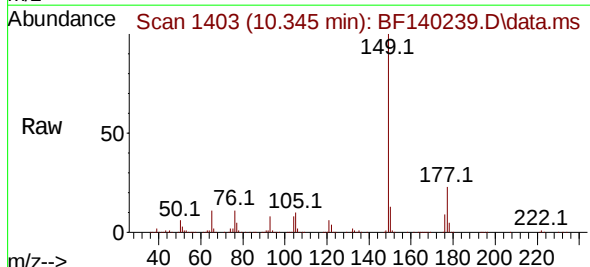
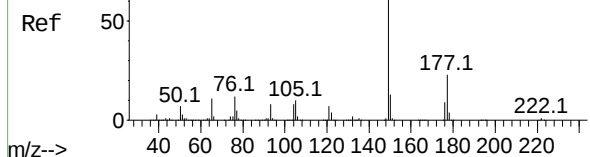


Tgt Ion:	232	Resp:	274661
Ion	Ratio	Lower	Upper
232	100		
131	43.9	37.2	55.8
130	2.3	1.8	2.8
166	30.0	24.3	36.5

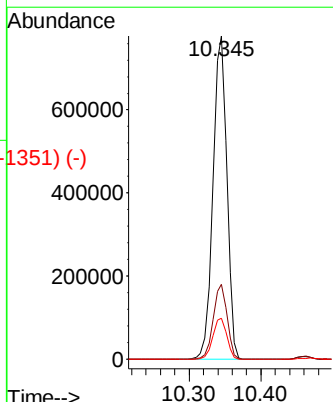


Abundance Scan 1402 (10.339 min): BF140235.D\data.ms (-1359) (-)

Diethylphthalate
Concen: 39.080 ng
RT: 10.345 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07



Tgt Ion:	149	Resp:	1041374
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.1	27.1
150	12.7	10.2	15.4



Abundance Scan 1422 (10.457 min): BF140235.D\data.ms (-1463) (-)

4-Chlorophenyl-phenylether

Concen: 38.133 ng

RT: 10.463 min Scan# 1423

Delta R.T. 0.006 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

Tgt Ion:204 Resp: 508846

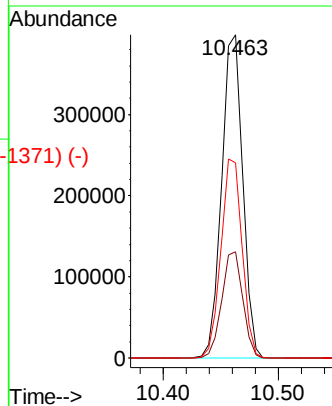
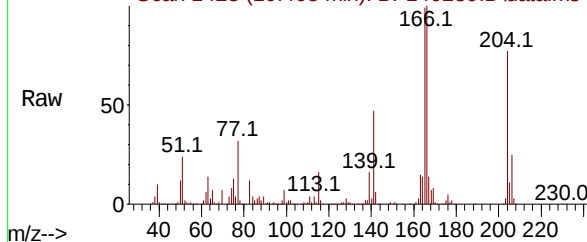
Ion Ratio Lower Upper

204 100

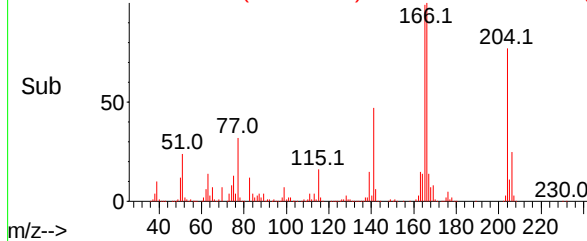
206 32.9 26.2 39.4

141 60.5 50.3 75.5

Abundance Scan 1423 (10.463 min): BF140239.D\data.ms



Abundance Scan 1423 (10.463 min): BF140239.D\data.ms (-1371) (-)



Abundance Scan 1428 (10.492 min): BF140235.D\data.ms (-1462) (-)

4-Nitroaniline

Concen: 40.392 ng

RT: 10.492 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Tgt Ion:138 Resp: 238231

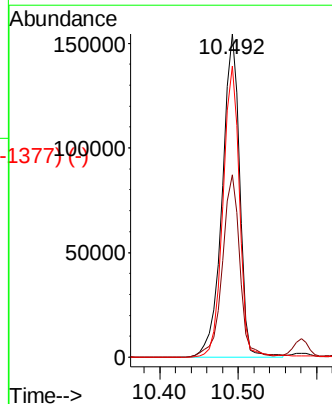
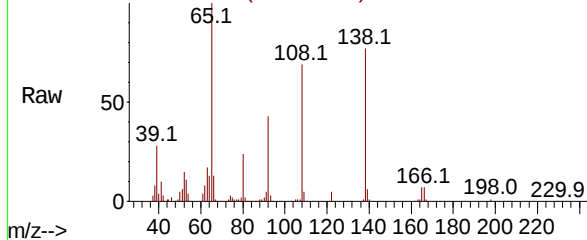
Ion Ratio Lower Upper

138 100

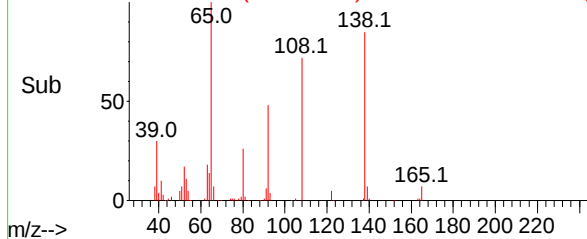
92 56.4 35.3 75.3

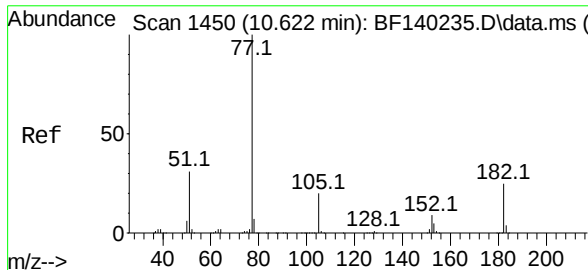
108 90.2 70.1 110.1

Abundance Scan 1428 (10.492 min): BF140239.D\data.ms



Abundance Scan 1428 (10.492 min): BF140239.D\data.ms (-1377) (-)

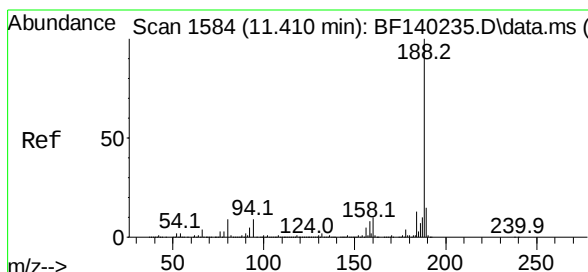
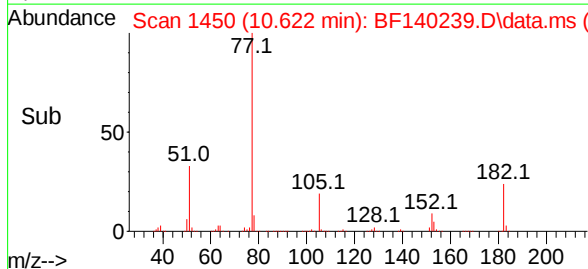
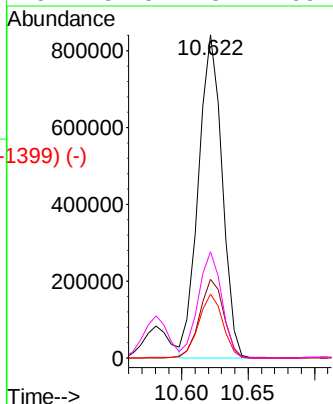
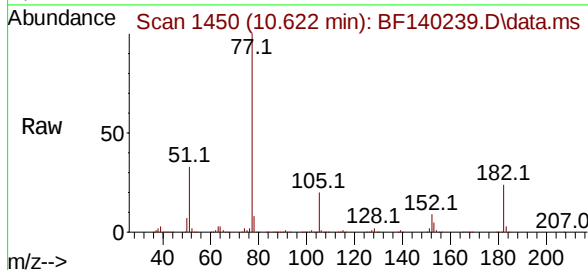




Azobenzene
Concen: 37.917 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

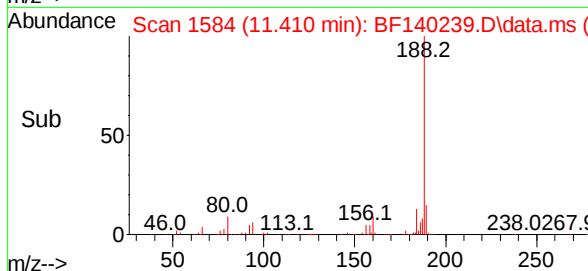
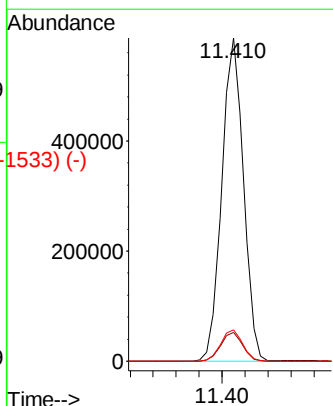
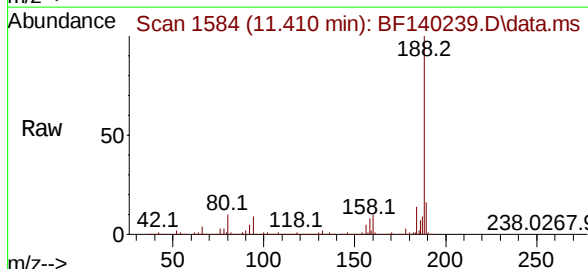
Instrument :
BNA_F
ClientSampleId :
ICVBF110524

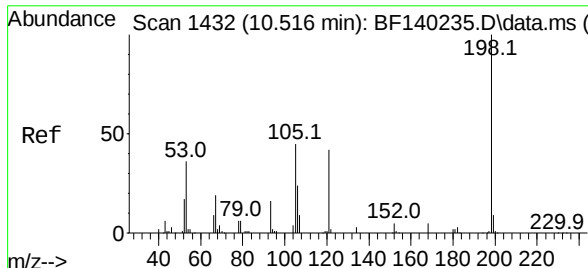
Tgt Ion:	77	Resp:	1047395
Ion	Ratio	Lower	Upper
77	100		
182	24.4	4.7	44.7
105	19.8	0.0	40.0
51	32.8	13.2	53.2



Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Tgt Ion:	188	Resp:	768315
Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	9.7	7.5	11.3

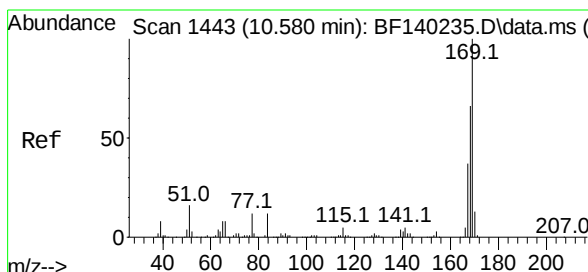
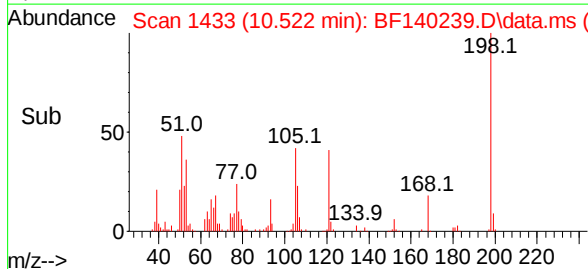
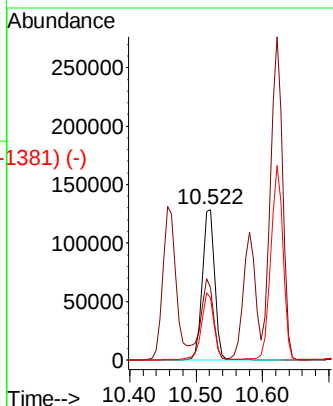
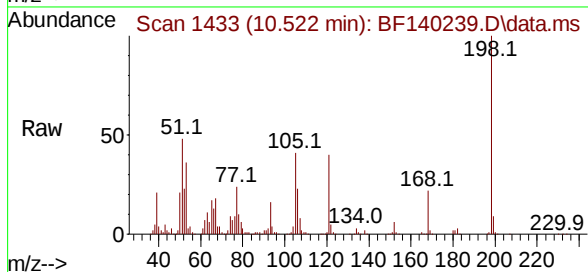




4,6-Dinitro-2-methylphenol
 Concen: 41.784 ng
 RT: 10.522 min Scan# 1432
 Delta R.T. 0.006 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

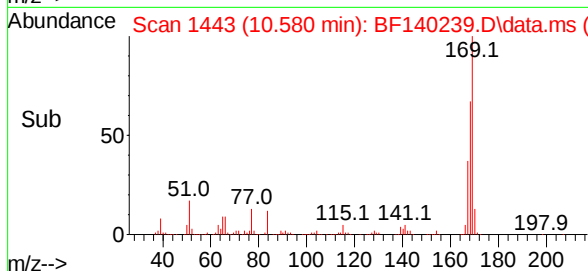
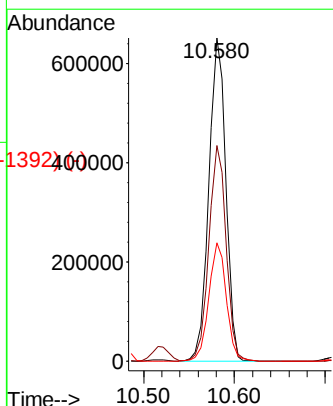
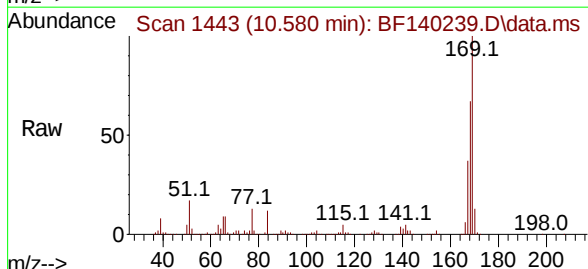
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110524

Tgt Ion:	198	Resp:	168609
Ion	Ratio	Lower	Upper
198	100		
51	47.9	34.0	74.0
105	41.1	25.1	65.1



n-Nitrosodiphenylamine
 Concen: 38.296 ng
 RT: 10.580 min Scan# 1443
 Delta R.T. 0.000 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

Tgt Ion:	169	Resp:	846277
Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.0	79.6
167	36.5	29.4	44.2



Abundance Scan 1506 (10.951 min): BF140235.D\data.ms (-1455) (-)

4-Bromophenyl-phenylether

Concen: 38.966 ng

RT: 10.951 min Scan# 1506

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

m/z-->

Abundance Scan 1506 (10.951 min): BF140239.D\data.ms

Raw

m/z-->

Abundance Scan 1506 (10.951 min): BF140239.D\data.ms (-1455) (-)

Sub

m/z-->

Tgt Ion:248 Resp: 322387

Ion Ratio Lower Upper

248 100

250 98.3 77.9 116.9

141 74.7 58.6 88.0

Abundance

250000

200000

150000

100000

50000

0

Time-->

10.90 10.95 11.00

Abundance Scan 1517 (11.016 min): BF140235.D\data.ms (-1466) (-)

Hexachlorobenzene

Concen: 39.175 ng

RT: 11.016 min Scan# 1517

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

m/z-->

Abundance Scan 1517 (11.016 min): BF140239.D\data.ms

Raw

m/z-->

Abundance Scan 1517 (11.016 min): BF140239.D\data.ms (-1466) (-)

Sub

m/z-->

Tgt Ion:284 Resp: 369444

Ion Ratio Lower Upper

284 100

142 34.8 27.5 41.3

249 32.2 26.2 39.2

Abundance

250000

200000

150000

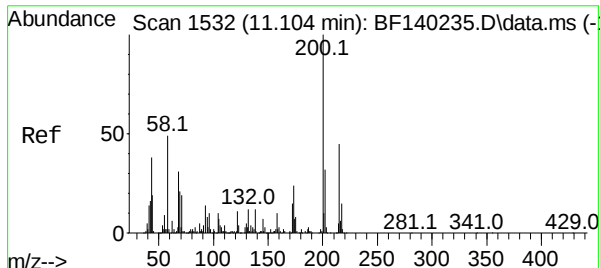
100000

50000

0

Time-->

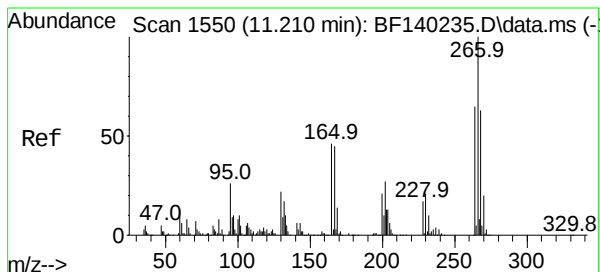
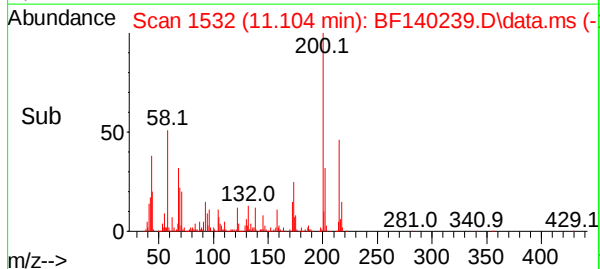
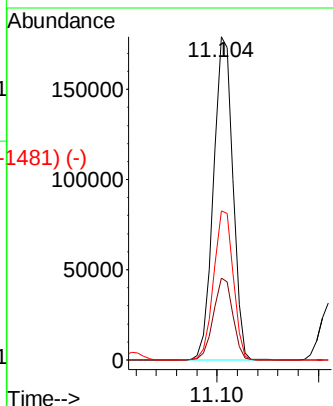
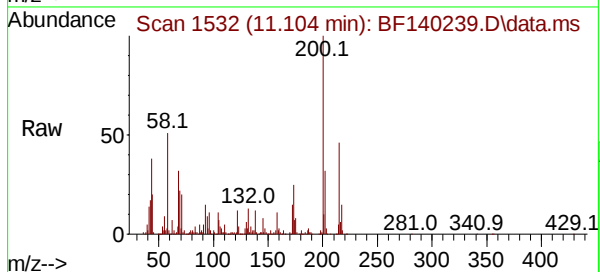
11.00



Atrazine
Concen: 39.237 ng
RT: 11.104 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

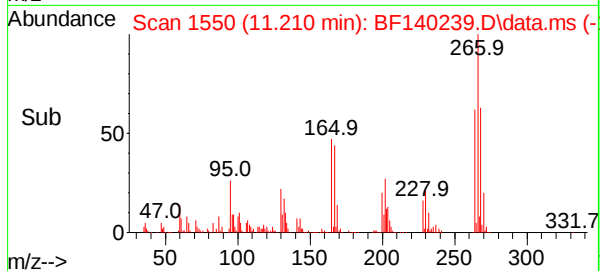
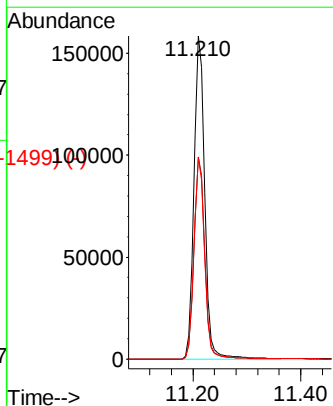
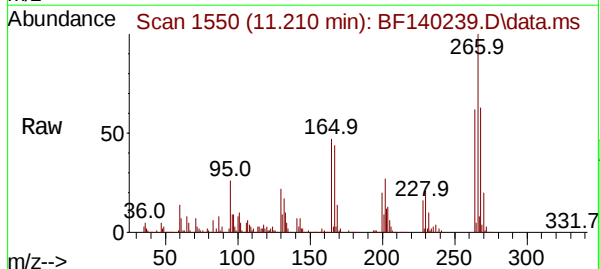
Instrument :
BNA_F
ClientSampleId :
ICVBF110524

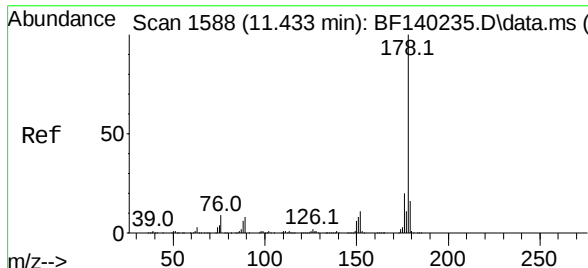
Tgt Ion:	200	Resp:	237217
Ion	Ratio	Lower	Upper
200	100		
173	25.3	4.4	44.4
215	46.1	25.2	65.2



Pentachlorophenol
Concen: 43.075 ng
RT: 11.210 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Tgt Ion:	266	Resp:	218133
Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.2	75.4
264	62.4	52.2	78.4

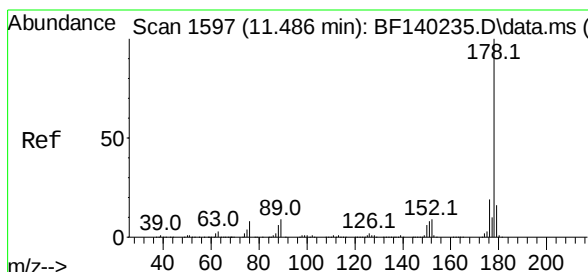
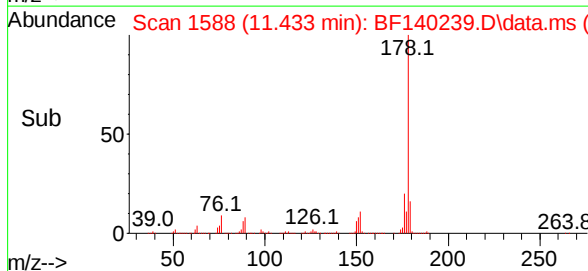
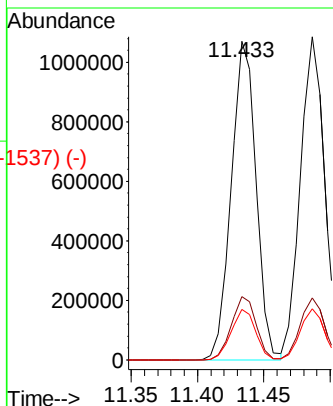
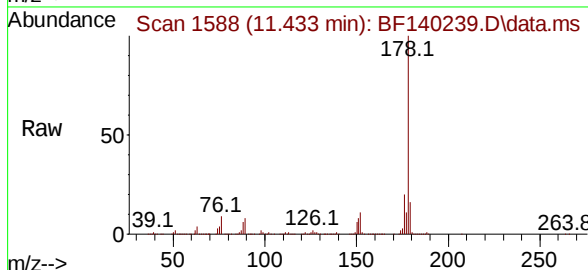




Scan 1588 (11.433 min): BF140235.D\data.ms (-1571) (-)
 Phenanthrene
 Concen: 38.048 ng
 RT: 11.433 min Scan# 1588
 Delta R.T. 0.000 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

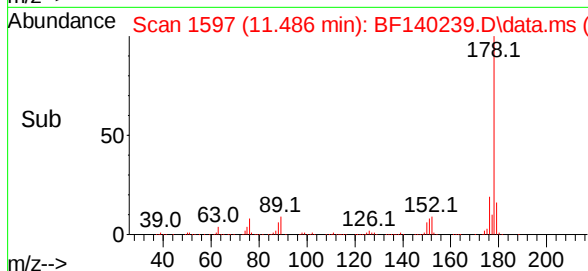
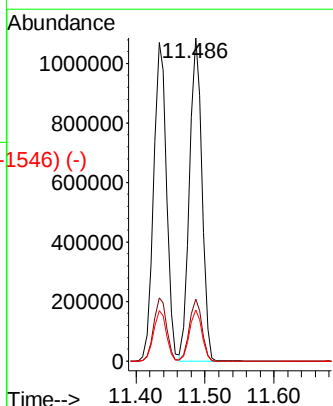
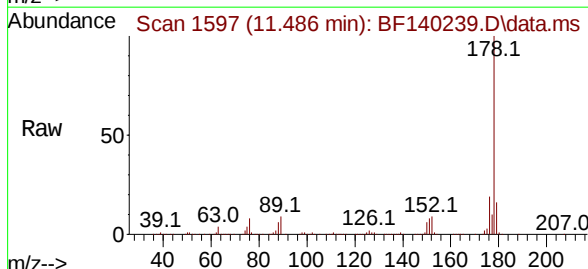
Instrument : BNA_F
 ClientSampleId : ICVBF110524

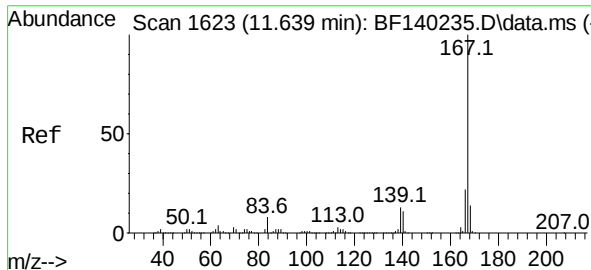
Tgt Ion:	178	Resp:	1395108
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.8	12.6	18.8



Scan 1597 (11.486 min): BF140235.D\data.ms (-1572) (-)
 Anthracene
 Concen: 37.919 ng
 RT: 11.486 min Scan# 1597
 Delta R.T. 0.000 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

Tgt Ion:	178	Resp:	1363354
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.8	12.7	19.1



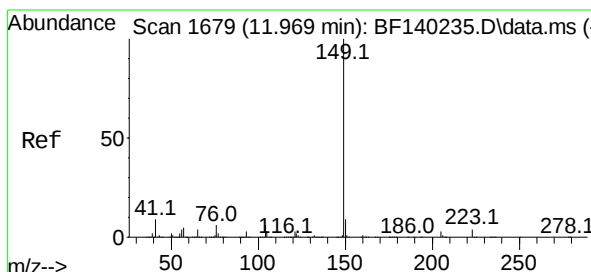
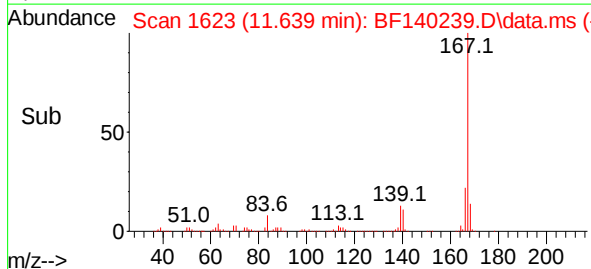
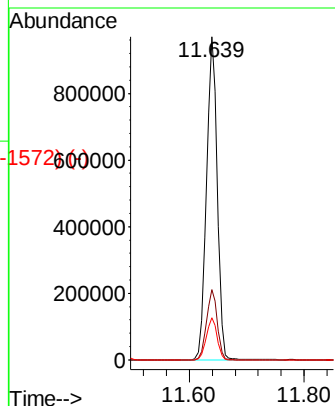
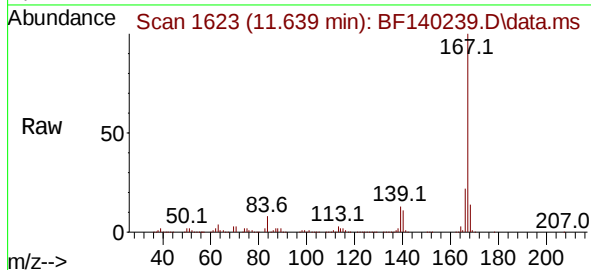


Carbazole
Concen: 38.509 ng
RT: 11.639 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Instrument :
BNA_F
ClientSampleId :
ICVBF110524

Tgt Ion:167 Resp: 1265126

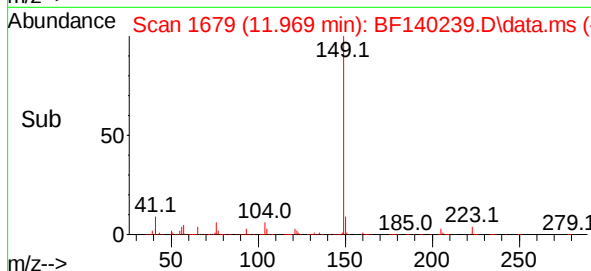
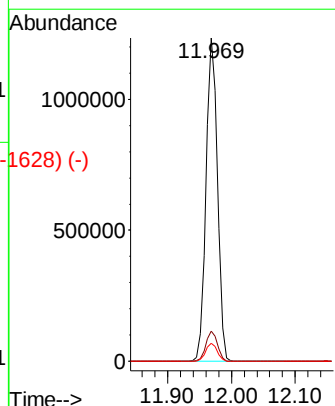
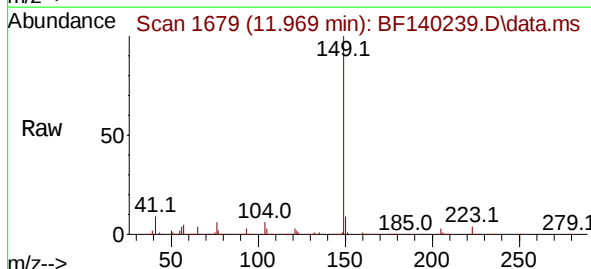
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	13.1	10.7	16.1



Di-n-butylphthalate
Concen: 39.432 ng
RT: 11.969 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Tgt Ion:149 Resp: 1533416

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.6	4.5	6.7



Abundance Scan 1790 (12.621 min): BF140235.D\data.ms (-1775) (-)

Fluoranthene

Concen: 38.360 ng

RT: 12.627 min Scan# 1790

Delta R.T. 0.006 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

Tgt Ion:202 Resp: 1470702

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.4

203 17.9 0.0 38.0

Abundance Scan 1791 (12.627 min): BF140239.D\data.ms

Ref 50

62.0 101.1 150.1 202.1 310.1

m/z-->

Raw 50

62.0 101.1 150.1 202.1 310.1

m/z-->

Abundance Scan 1791 (12.627 min): BF140239.D\data.ms (-1739) (-)

Sub 50

50.0 101.1 150.1 202.1 310.1

m/z-->

Abundance

12.627

1000000

800000

600000

400000

200000

0

Time-->

Abundance Scan 2035 (14.063 min): BF140235.D\data.ms (-2026) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.006 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Tgt Ion:240 Resp: 458470

Ion Ratio Lower Upper

240 100

120 10.3 7.5 11.3

236 26.2 20.9 31.3

Abundance Scan 2036 (14.068 min): BF140239.D\data.ms

Ref 50

44.0 76.1 118.1 150.1 187.1 228.1 279.2

m/z-->

Raw 50

44.0 76.1 118.1 150.1 187.1 228.1 279.2

m/z-->

Abundance Scan 2036 (14.068 min): BF140239.D\data.ms (-1984) (-)

Sub 50

42.1 76.1 118.1 150.1 187.1 228.1 279.1

m/z-->

Abundance

14.068

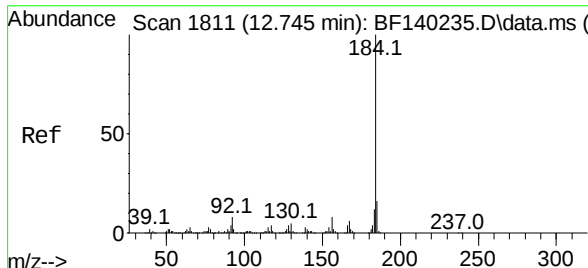
300000

200000

100000

0

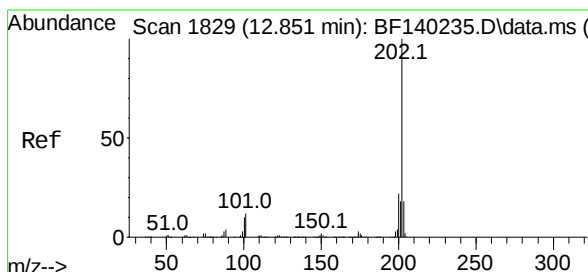
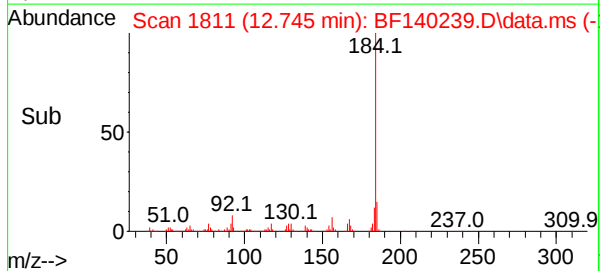
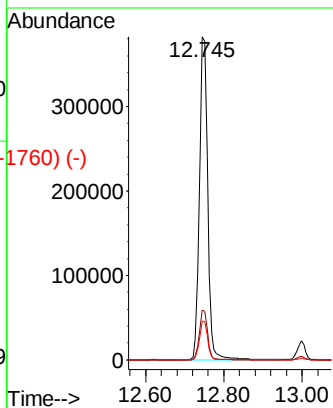
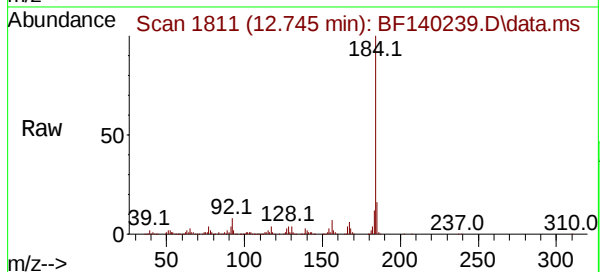
Time-->



Benzidine
 Concen: 62.287 ng
 RT: 12.745 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

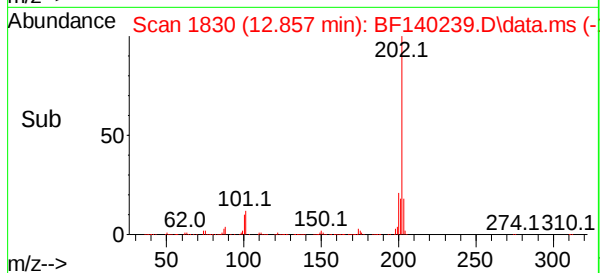
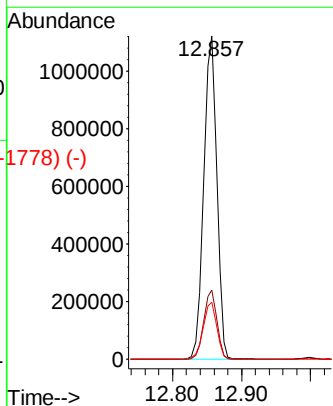
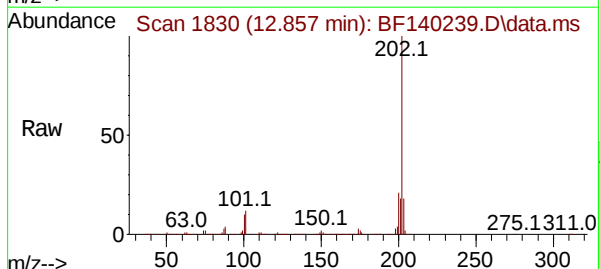
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110524

Tgt Ion:	184	Resp:	558339
Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.5	18.7
183	12.0	9.3	13.9



Pyrene
 Concen: 39.081 ng
 RT: 12.857 min Scan# 1830
 Delta R.T. 0.006 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

Tgt Ion:	202	Resp:	1479380
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	17.7	14.4	21.6



Abundance Scan 1854 (12.998 min): BF140239.D\data.ms (-1879) (-)

Terphenyl-d14

Concen: 77.169 ng

RT: 12.998 min Scan# 1879

Delta R.T. 0.000 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

Tgt Ion:244 Resp: 2159767

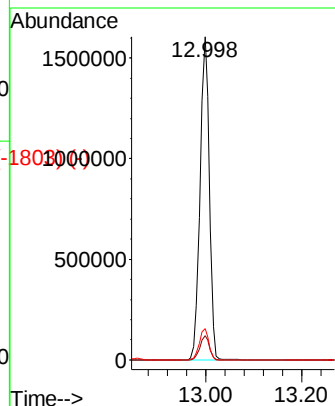
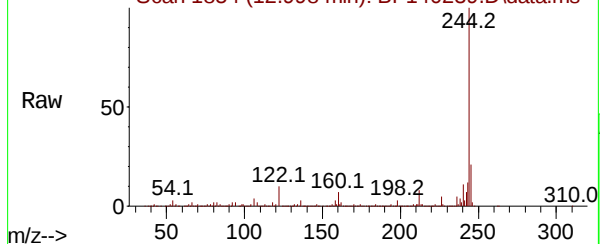
Ion Ratio Lower Upper

244 100

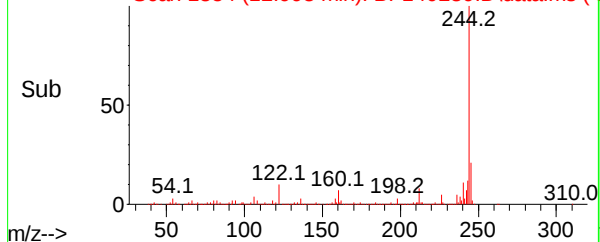
212 7.6 6.0 9.0

122 9.8 7.6 11.4

Abundance Scan 1854 (12.998 min): BF140239.D\data.ms



Abundance Scan 1854 (12.998 min): BF140239.D\data.ms (-1801) (-)



Abundance Scan 1934 (13.468 min): BF140239.D\data.ms (-1929) (-)

Butylbenzylphthalate

Concen: 41.595 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Tgt Ion:149 Resp: 566979

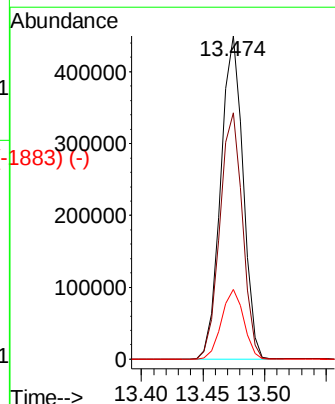
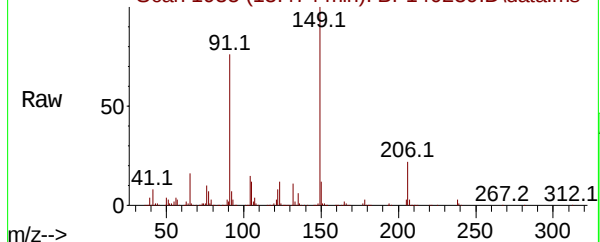
Ion Ratio Lower Upper

149 100

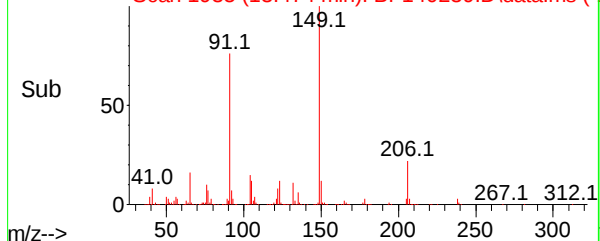
91 76.3 63.0 94.4

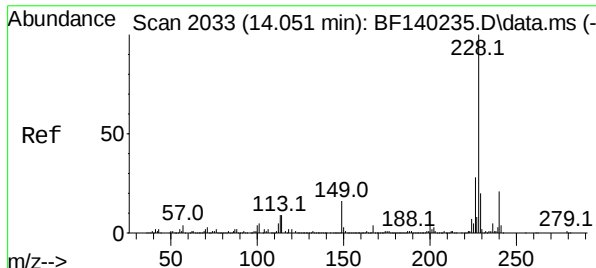
206 21.5 16.4 24.6

Abundance Scan 1935 (13.474 min): BF140239.D\data.ms



Abundance Scan 1935 (13.474 min): BF140239.D\data.ms (-1883) (-)

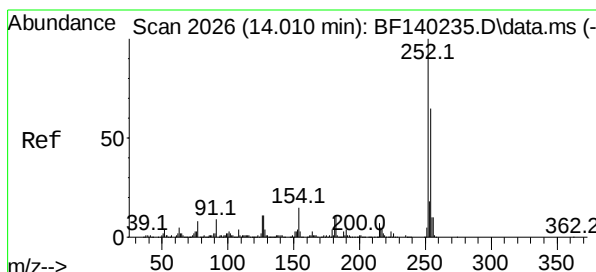
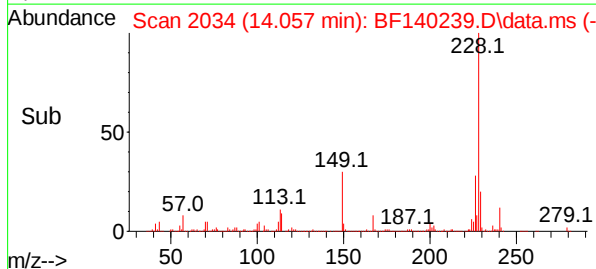
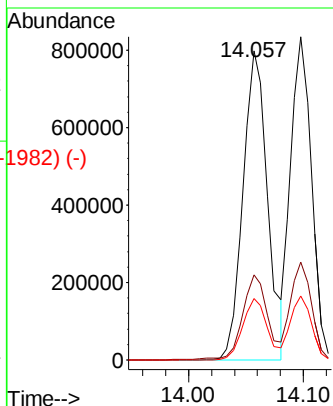
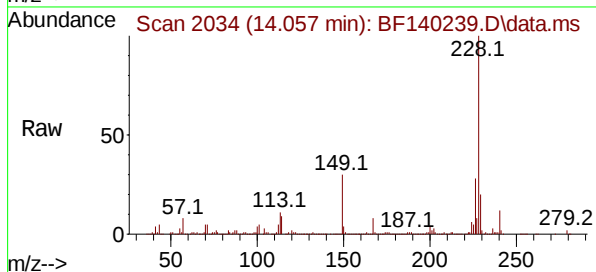




Benzo(a)anthracene
Concen: 40.097 ng
RT: 14.057 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

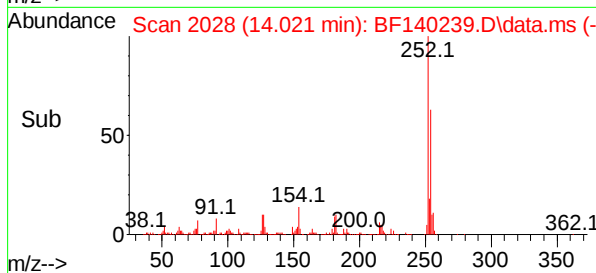
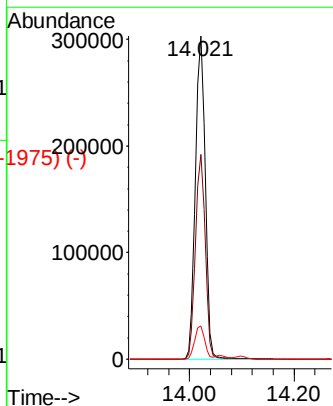
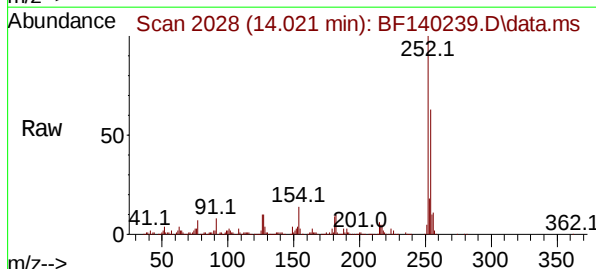
Instrument :
BNA_F
ClientSampleId :
ICVBF110524

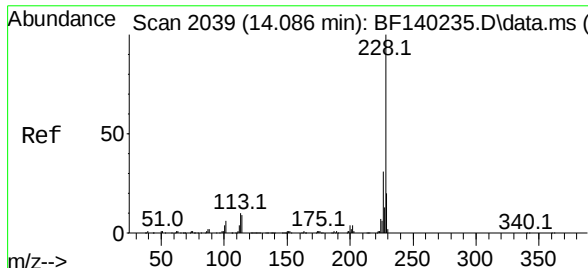
Tgt Ion:	228	Resp:	1179757
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	19.9	16.1	24.1



3,3'-Dichlorobenzidine
Concen: 42.445 ng
RT: 14.021 min Scan# 2028
Delta R.T. 0.012 min
Lab File: BF140239.D
Acq: 05 Nov 2024 16:07

Tgt Ion:	252	Resp:	392180
Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.8	77.8
126	10.3	8.6	12.8

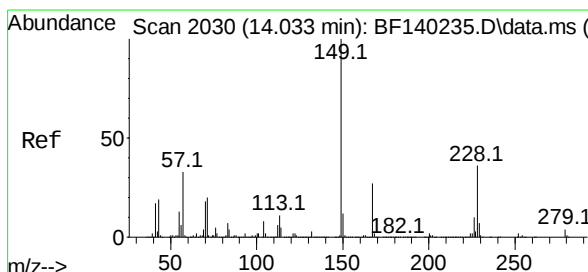
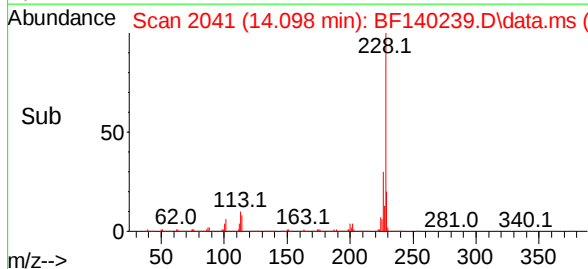
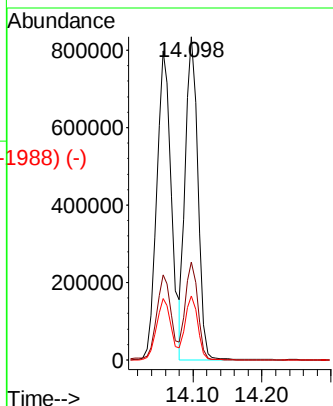
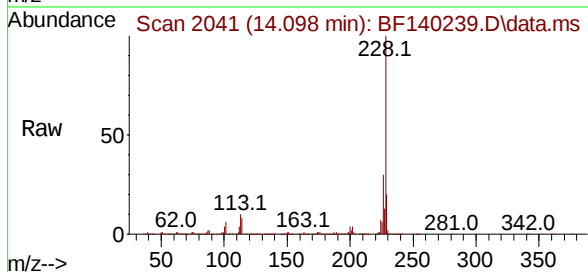




Chrysene
 Concen: 38.388 ng
 RT: 14.098 min Scan# 2039
 Delta R.T. 0.012 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

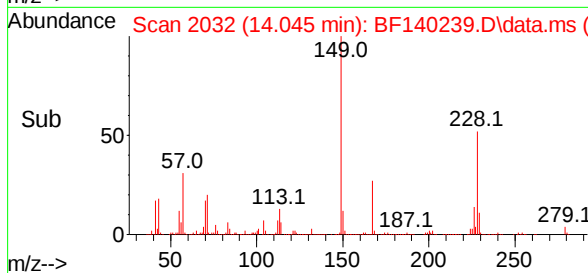
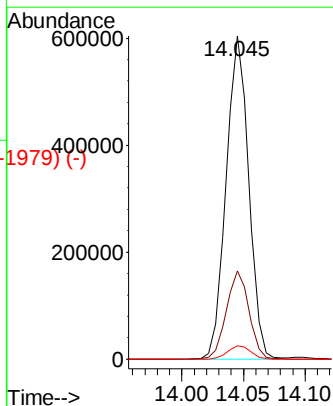
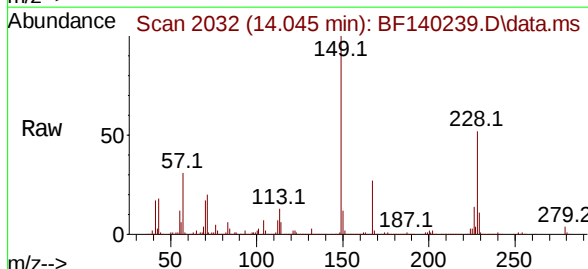
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110524

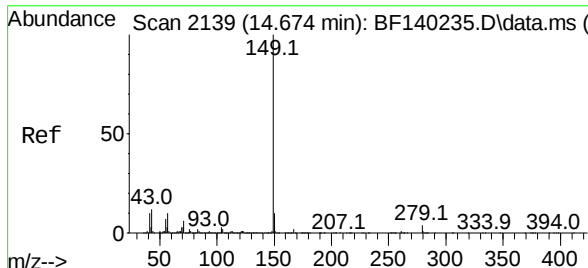
Tgt Ion:	228	Resp:	1057688
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	36.8
229	19.7	16.1	24.1



Bis(2-ethylhexyl)phthalate
 Concen: 40.534 ng
 RT: 14.045 min Scan# 2032
 Delta R.T. 0.012 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

Tgt Ion:	149	Resp:	774375
Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	4.2	3.2	4.8



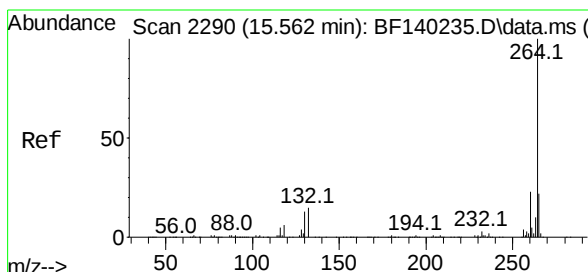
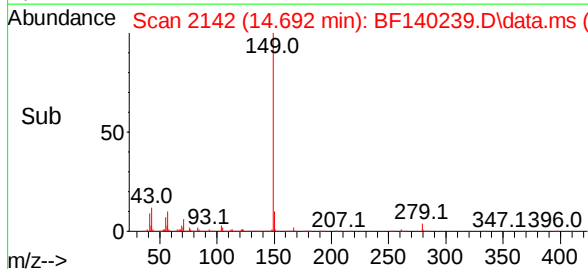
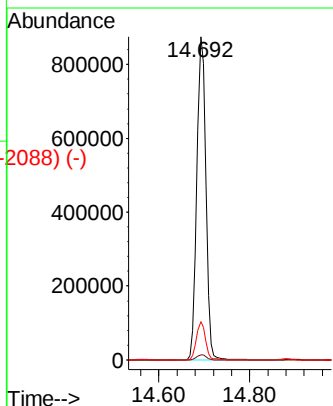
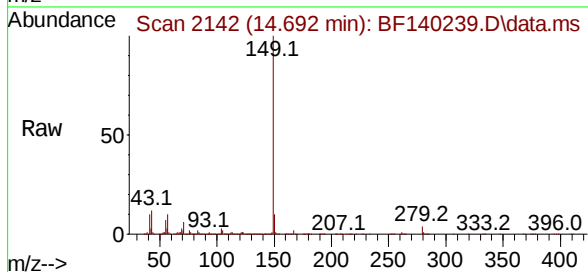


Scan 2139 (14.674 min): BF140235.D\data.ms (-2139) (-)
 Di-n-octyl phthalate
 Concen: 41.861 ng
 RT: 14.692 min Scan# 2139
 Delta R.T. 0.018 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110524

Tgt Ion:149 Resp: 1203695

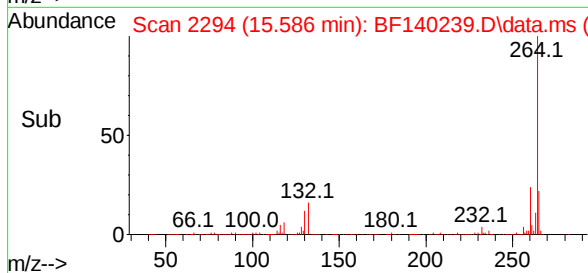
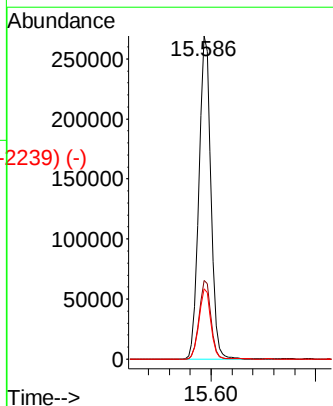
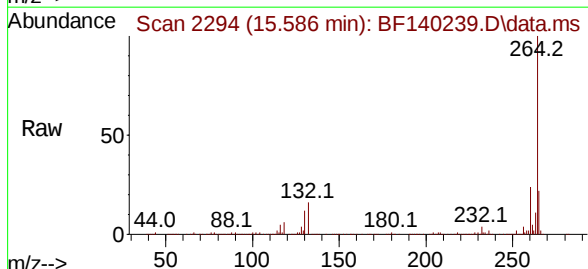
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.9	9.7	14.5



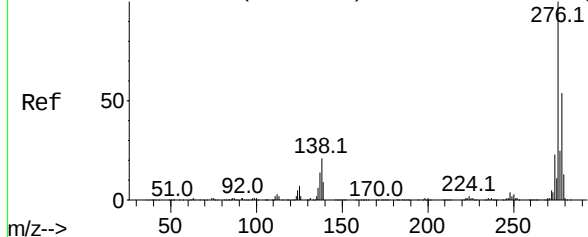
Scan 2290 (15.562 min): BF140235.D\data.ms (-2290) (-)
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2294
 Delta R.T. 0.024 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

Tgt Ion:264 Resp: 426570

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.8	17.3	25.9



Abundance Scan 2548 (17.080 min): BF140235.D\data.ms (-2547) (-)



Indeno(1,2,3-cd)pyrene

Concen: 40.852 ng

RT: 17.104 min Scan# 2552

Delta R.T. 0.024 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

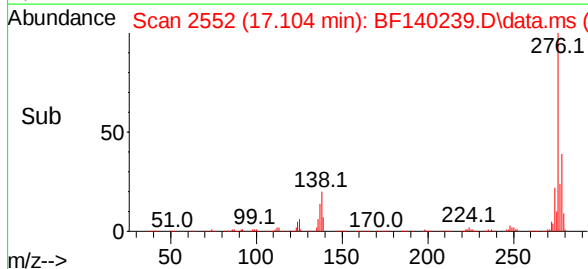
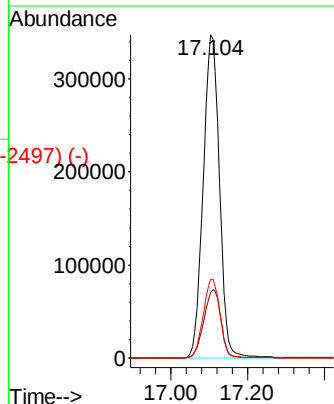
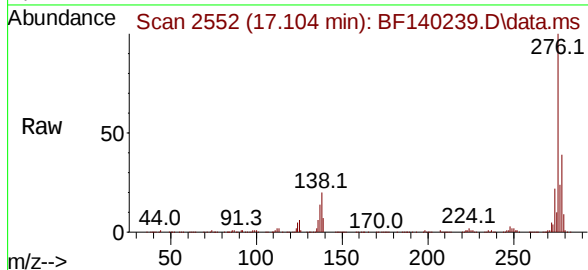
Tgt Ion:276 Resp: 1022918

Ion Ratio Lower Upper

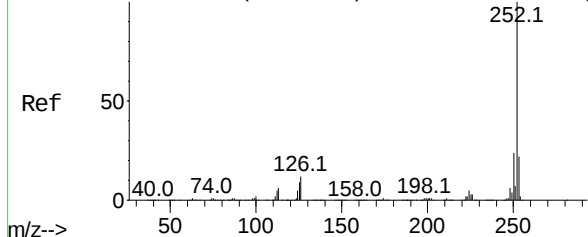
276 100

138 22.1 17.6 26.4

277 25.1 20.2 30.2



Abundance Scan 2216 (15.127 min): BF140235.D\data.ms (-2215) (-)



Benzo(b)fluoranthene

Concen: 39.022 ng

RT: 15.151 min Scan# 2220

Delta R.T. 0.024 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

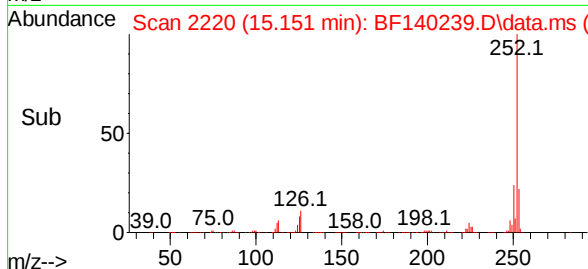
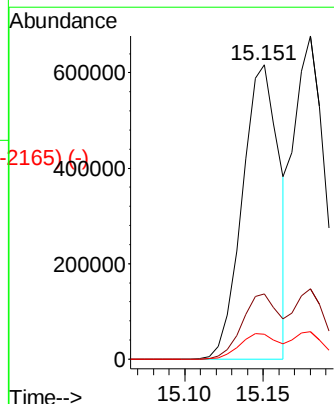
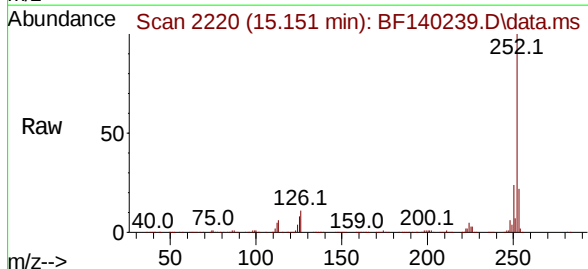
Tgt Ion:252 Resp: 1006845

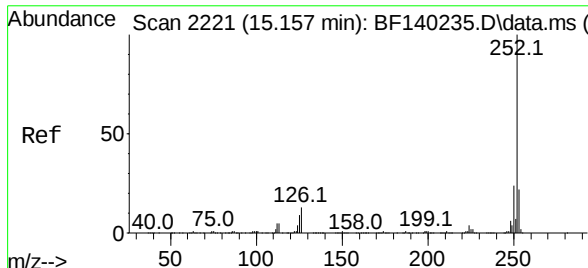
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 8.5 7.0 10.6

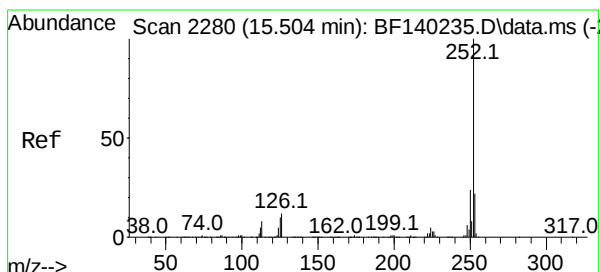
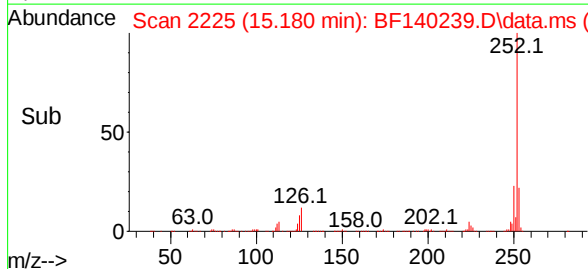
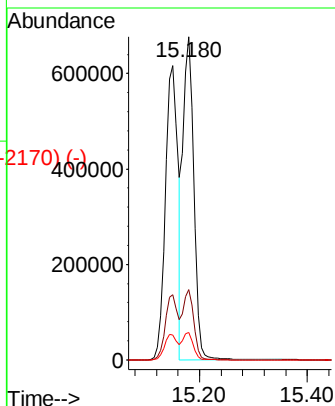
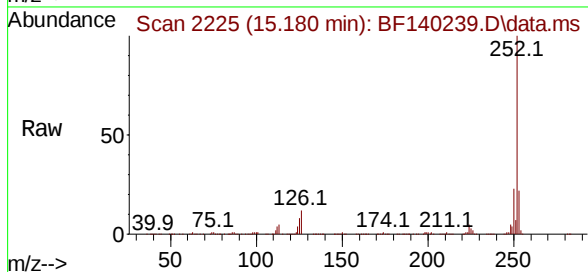




Benzo(k)fluoranthene
 Concen: 39.994 ng
 RT: 15.180 min Scan# 2225
 Delta R.T. 0.024 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

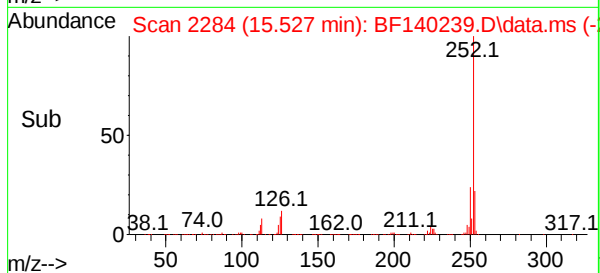
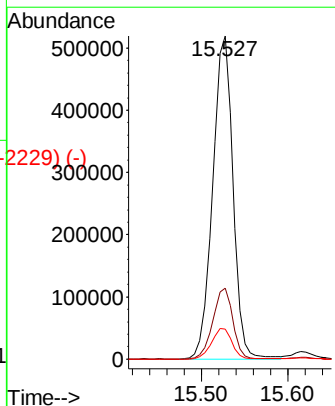
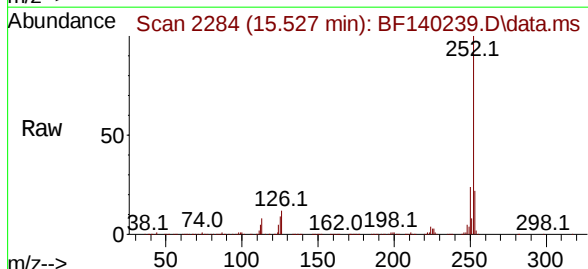
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110524

Tgt Ion:	252	Resp:	946907
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.8
125	8.4	7.2	10.8

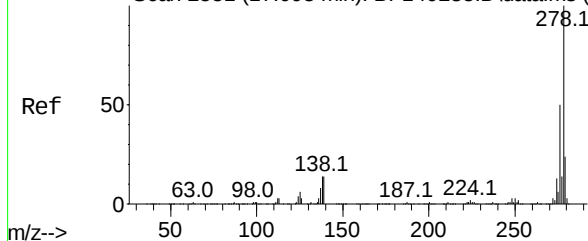


Benzo(a)pyrene
 Concen: 40.159 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.024 min
 Lab File: BF140239.D
 Acq: 05 Nov 2024 16:07

Tgt Ion:	252	Resp:	854325
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.0
125	9.3	7.6	11.4



Abundance Scan 2551 (17.098 min): BF140235.D\data.ms (-2500) (-)



Dibenzo(a,h)anthracene

Concen: 40.753 ng

RT: 17.121 min Scan# 2551

Delta R.T. 0.024 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

Instrument :

BNA_F

ClientSampleId :

ICVBF110524

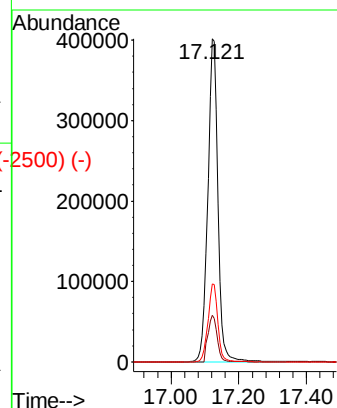
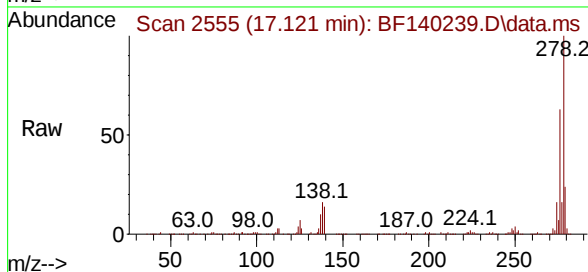
Tgt Ion:278 Resp: 839533

Ion Ratio Lower Upper

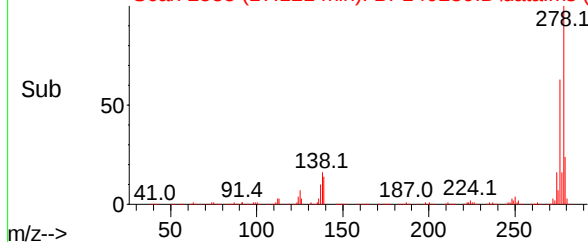
278 100

139 14.4 11.1 16.7

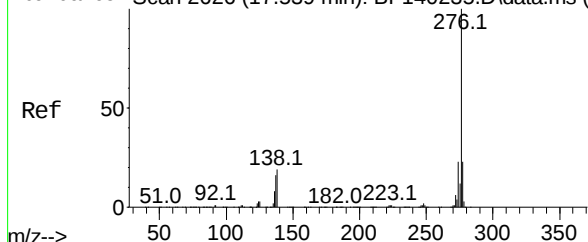
279 24.2 19.1 28.7



Abundance Scan 2555 (17.121 min): BF140239.D\data.ms (-2500) (-)



Abundance Scan 2626 (17.539 min): BF140235.D\data.ms (-2500) (-)



Benzo(g,h,i)perylene

Concen: 40.205 ng

RT: 17.568 min Scan# 2631

Delta R.T. 0.029 min

Lab File: BF140239.D

Acq: 05 Nov 2024 16:07

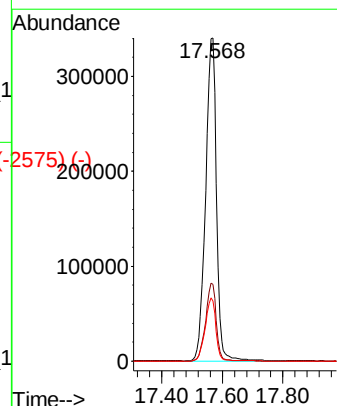
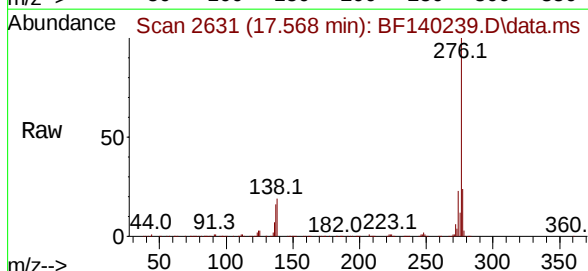
Tgt Ion:276 Resp: 844908

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 18.6 15.3 22.9



Abundance Scan 2631 (17.568 min): BF140239.D\data.ms (-2575) (-)

