

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140800.D
 Acq On : 10 Dec 2024 12:21
 Operator : RC/JU
 Sample : P5174-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Quant Time: Dec 10 14:14:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	68449	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	246721	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	116245	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	172929	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	140905	20.000	ng	0.00
86) Perylene-d12	15.539	264	142526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	414387	103.293	ng	0.00
7) Phenol-d6	6.510	99	538742	101.580	ng	0.00
23) Nitrobenzene-d5	7.428	82	346545	71.846	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	107488	86.457	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	567147	72.693	ng	-0.02
79) Terphenyl-d14	12.974	244	420189	46.435	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	78212	46.369	ng	97
3) Pyridine	3.446	79	189902	51.170	ng	99
4) n-Nitrosodimethylamine	3.398	42	98733	45.266	ng	90
6) Aniline	6.534	93	135574	36.318	ng	# 82
8) 2-Chlorophenol	6.657	128	218300	50.579	ng	95
9) Benzaldehyde	6.422	77	63708	22.691	ng	98
10) Phenol	6.522	94	276338	51.019	ng	94
11) bis(2-Chloroethyl)ether	6.598	93	210831	50.867	ng	98
12) 1,3-Dichlorobenzene	6.804	146	232705	47.983	ng	99
13) 1,4-Dichlorobenzene	6.881	146	238665	48.603	ng	99
14) 1,2-Dichlorobenzene	7.034	146	226236	49.168	ng	100
15) Benzyl Alcohol	7.010	79	191617	48.719	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	248953	50.843	ng	67
17) 2-Methylphenol	7.128	107	169881	49.170	ng	96
18) Hexachloroethane	7.369	117	92316	50.335	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	156654	49.978	ng	96
20) 3+4-Methylphenols	7.286	107	223956	50.431	ng	# 71
22) Acetophenone	7.275	105	305633	50.812	ng	94
24) Nitrobenzene	7.445	77	229188	45.974	ng	99
25) Isophorone	7.686	82	408171	50.735	ng	99
26) 2-Nitrophenol	7.763	139	113777	51.501	ng	98
27) 2,4-Dimethylphenol	7.804	122	170083m	64.346	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	246673	50.330	ng	99
29) 2,4-Dichlorophenol	8.016	162	181335	51.772	ng	97
30) 1,2,4-Trichlorobenzene	8.086	180	187547	46.897	ng	99
31) Naphthalene	8.169	128	641084	50.446	ng	99
32) Benzoic acid	7.939	122	80152	36.816	ng	99
33) 4-Chloroaniline	8.228	127	55954	14.706	ng	96
34) Hexachlorobutadiene	8.281	225	128068	48.349	ng	99
35) Caprolactam	8.586	113	55240	50.963	ng	# 83
36) 4-Chloro-3-methylphenol	8.716	107	181399	46.257	ng	98
37) 2-Methylnaphthalene	8.857	142	415639	51.493	ng	100
38) 1-Methylnaphthalene	8.957	142	377440	47.705	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	187729	55.165	ng	99
41) Hexachlorocyclopentadiene	9.010	237	93996	118.973	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	110627	51.806	ng	100

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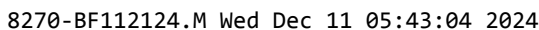
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 BNA_F
 ClientSampleId :
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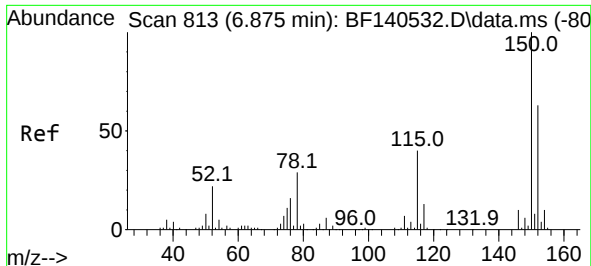
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	110524	47.691	ng	96
46) 1,1'-Biphenyl	9.322	154	474615	54.686	ng	99
47) 2-Chloronaphthalene	9.351	162	343997	52.309	ng	99
48) 2-Nitroaniline	9.451	65	105061	49.772	ng	98
49) Acenaphthylene	9.763	152	546021	54.952	ng	99
50) Dimethylphthalate	9.622	163	397892	51.972	ng	99
51) 2,6-Dinitrotoluene	9.692	165	83956	48.353	ng	93
52) Acenaphthene	9.933	154	332511	52.667	ng	99
53) 3-Nitroaniline	9.863	138	43153	25.411	ng	96
54) 2,4-Dinitrophenol	9.986	184	34576	42.513	ng	98
55) Dibenzofuran	10.110	168	488947	50.773	ng	99
56) 4-Nitrophenol	10.051	139	71711	61.918	ng	96
57) 2,4-Dinitrotoluene	10.098	165	105030	45.515	ng	96
58) Fluorene	10.451	166	388390	50.246	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	78708	44.191	ng	# 95
60) Diethylphthalate	10.322	149	373744	48.049	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	181556	47.861	ng	98
62) 4-Nitroaniline	10.480	138	66414	37.289	ng	96
63) Azobenzene	10.604	77	365990	49.685	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	32185	36.422	ng	91
66) n-Nitrosodiphenylamine	10.563	169	341738	66.825	ng	97
67) 4-Bromophenyl-phenylether	10.933	248	101123	56.782	ng	98
68) Hexachlorobenzene	11.004	284	106383	51.589	ng	98
69) Atrazine	11.086	200	84305	58.600	ng	98
70) Pentachlorophenol	11.210	266	65069	71.695	ng	98
71) Phenanthrene	11.421	178	580762	69.866	ng	99
72) Anthracene	11.469	178	469994	57.801	ng	99
73) Carbazole	11.627	167	385520	49.285	ng	99
74) Di-n-butylphthalate	11.945	149	463427	51.316	ng	100
75) Fluoranthene	12.610	202	732175	81.125	ng	99
77) Benzidine	12.733	184	78439	19.147	ng	99
78) Pyrene	12.845	202	722099	55.425	ng	100
80) Butylbenzylphthalate	13.451	149	194194	41.376	ng	99
81) Benzo(a)anthracene	14.033	228	602008	64.542	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	85514	30.536	ng	99
83) Chrysene	14.074	228	558868	65.527	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	270824	45.698	ng	99
85) Di-n-octyl phthalate	14.627	149	489557	60.446	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	377663	40.660	ng	99
88) Benzo(b)fluoranthene	15.104	252	658967	73.609	ng	99
89) Benzo(k)fluoranthene	15.133	252	433363	55.318	ng	99
90) Benzo(a)pyrene	15.480	252	499620	68.639	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	282304	37.112	ng	99
92) Benzo(g,h,i)perylene	17.509	276	274717	35.391	ng	97

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

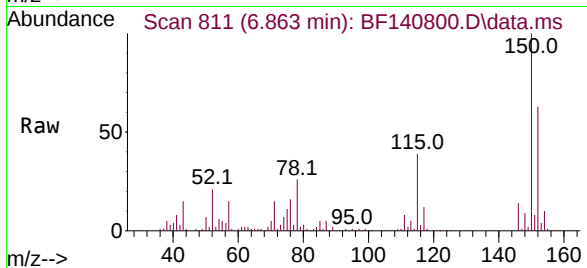
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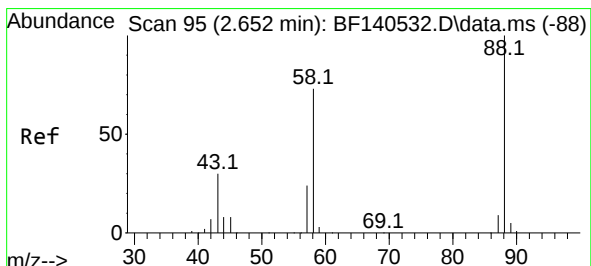
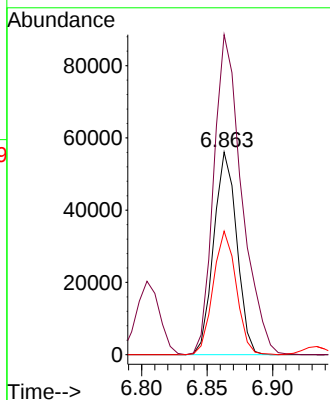
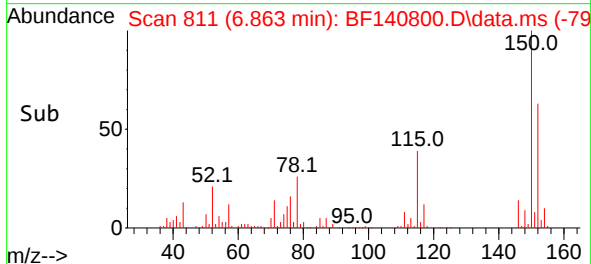


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140800.D
 Acq: 10 Dec 2024 12:21

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

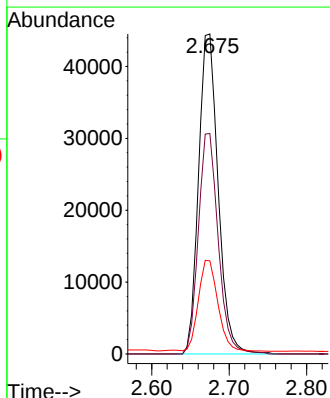
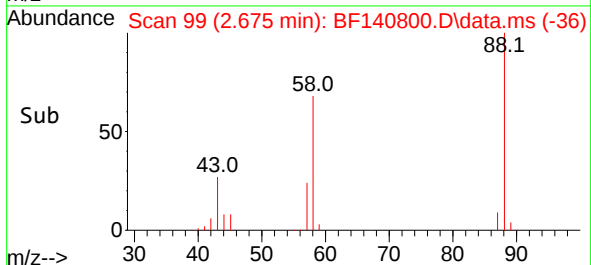
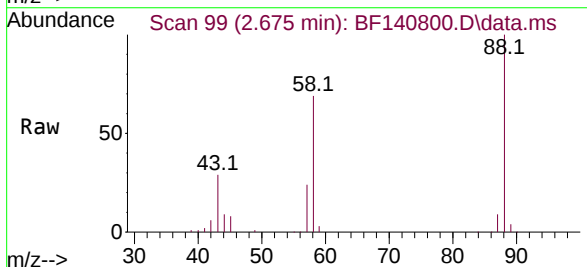


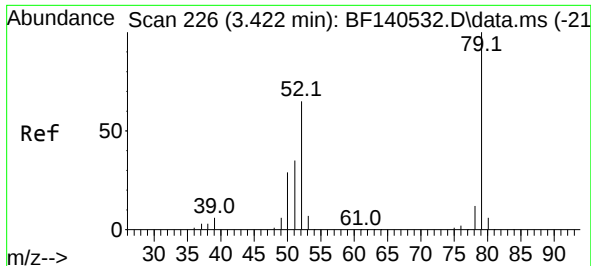
Tgt Ion:152 Resp: 68449
 Ion Ratio Lower Upper
 152 100
 150 158.0 128.5 192.7
 115 61.0 50.2 75.4



#2
 1,4-Dioxane
 Concen: 46.369 ng
 RT: 2.675 min Scan# 99
 Delta R.T. 0.023 min
 Lab File: BF140800.D
 Acq: 10 Dec 2024 12:21

Tgt Ion: 88 Resp: 78212
 Ion Ratio Lower Upper
 88 100
 58 69.8 57.4 86.2
 43 28.4 24.3 36.5





#3

Pyridine

Concen: 51.170 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

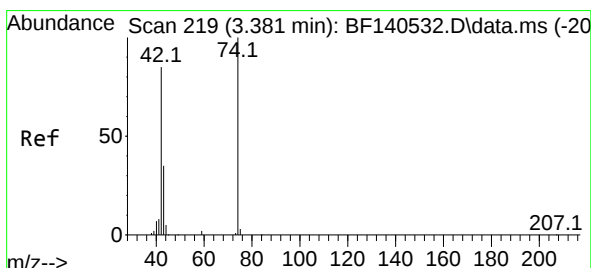
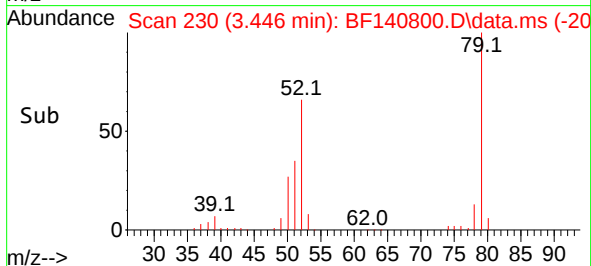
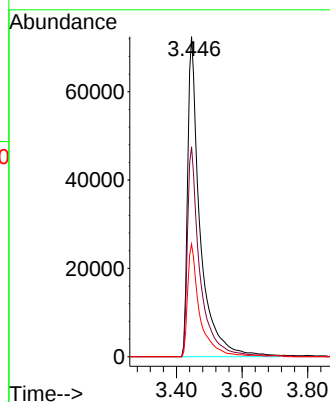
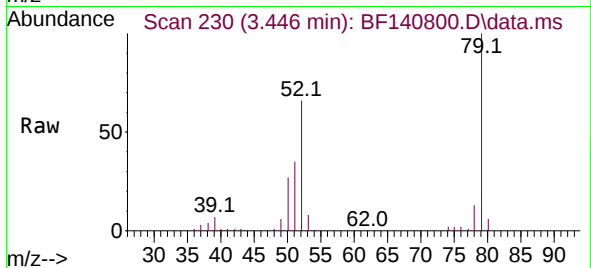
Tgt Ion: 79 Resp: 189902

Ion Ratio Lower Upper

79 100

52 65.6 52.1 78.1

51 35.2 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 45.266 ng

RT: 3.398 min Scan# 222

Delta R.T. 0.018 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

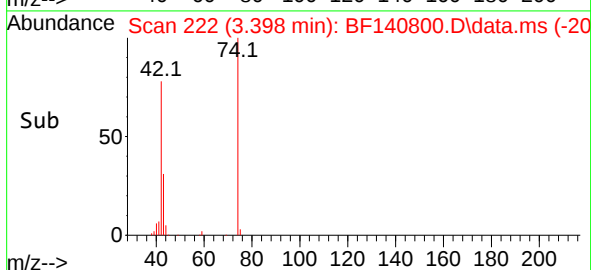
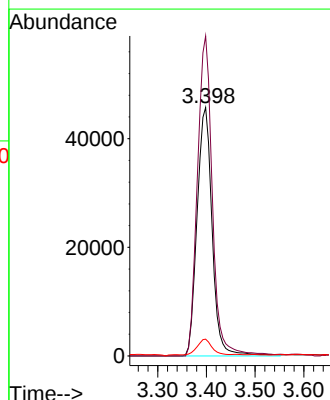
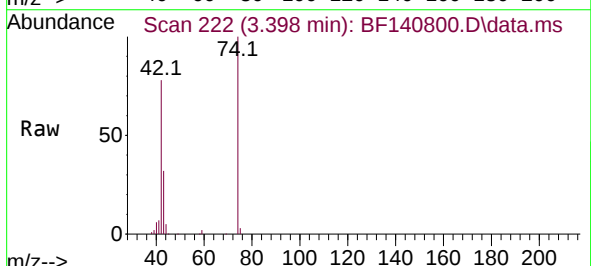
Tgt Ion: 42 Resp: 98733

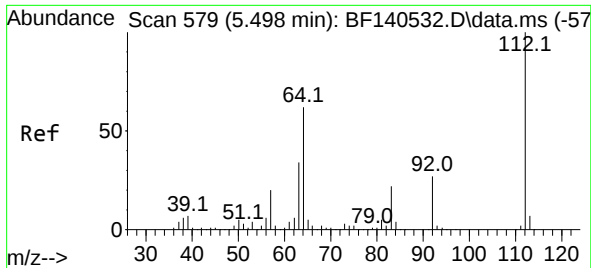
Ion Ratio Lower Upper

42 100

74 128.8 93.8 140.6

44 6.8 4.6 6.8

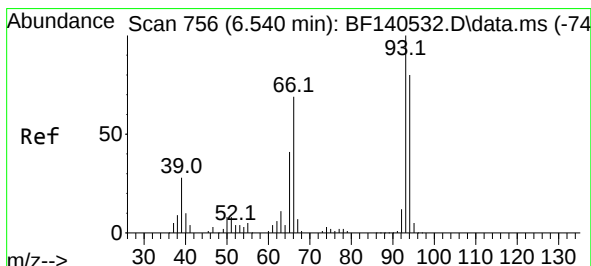
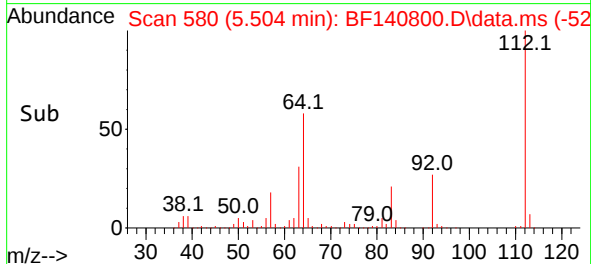
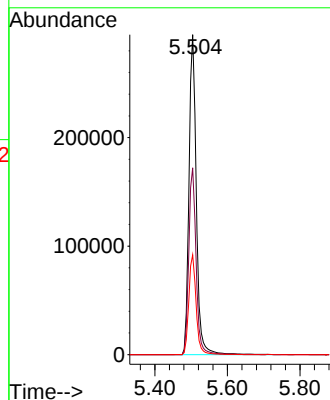
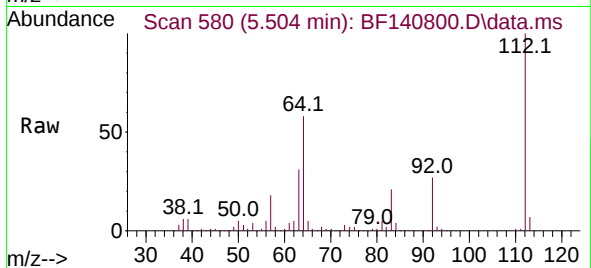




#5
2-Fluorophenol
Concen: 103.293 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

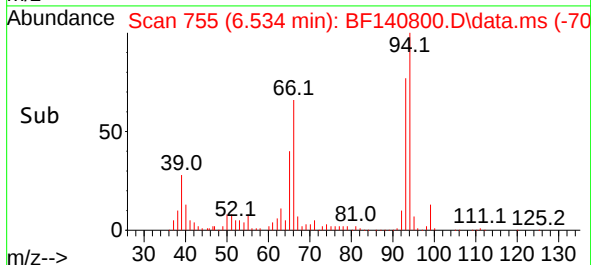
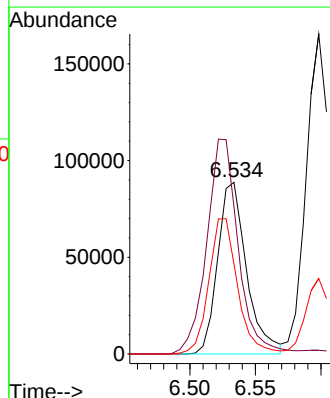
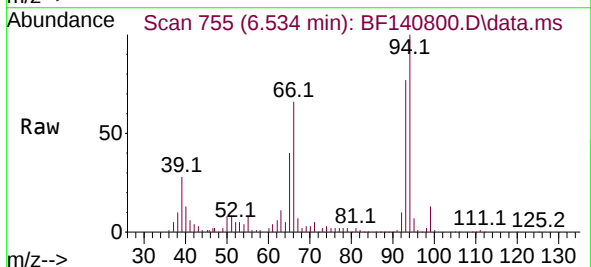
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

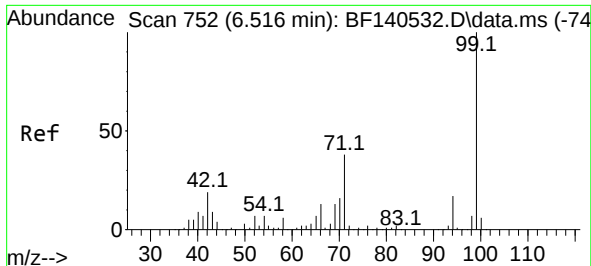
Tgt Ion:112 Resp: 414387
Ion Ratio Lower Upper
112 100
64 58.4 49.2 73.8
63 31.2 27.0 40.4



#6
Aniline
Concen: 36.318 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion: 93 Resp: 135574
Ion Ratio Lower Upper
93 100
66 85.8 56.5 84.7#
65 52.4 32.9 49.3#

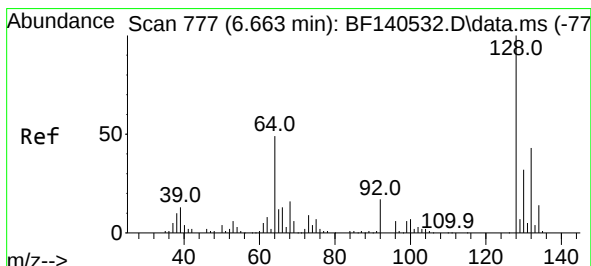
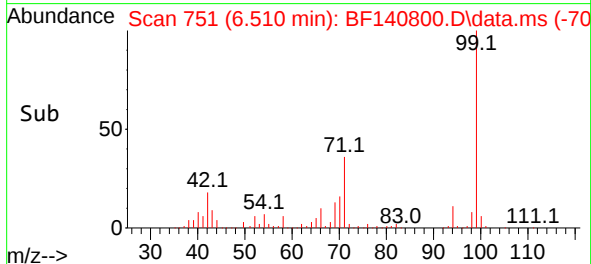
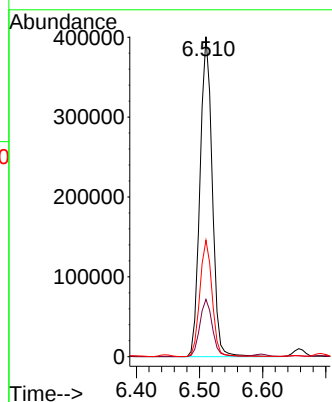
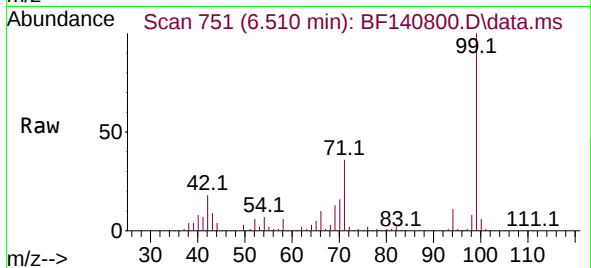




#7
Phenol-d6
Concen: 101.580 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

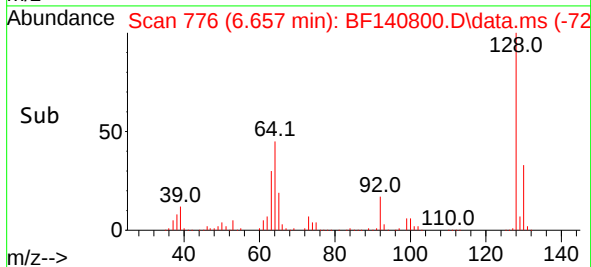
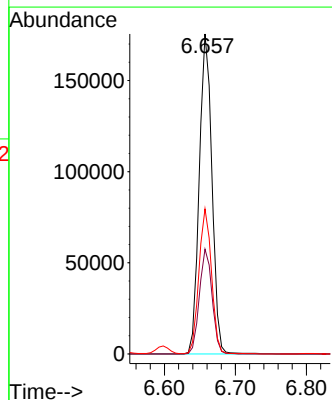
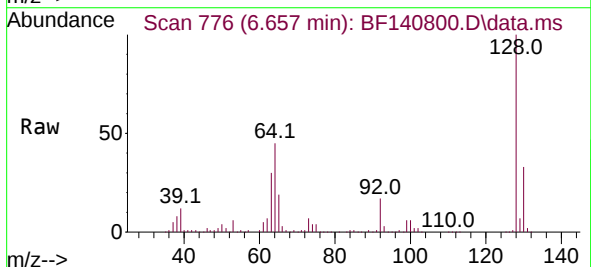
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BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

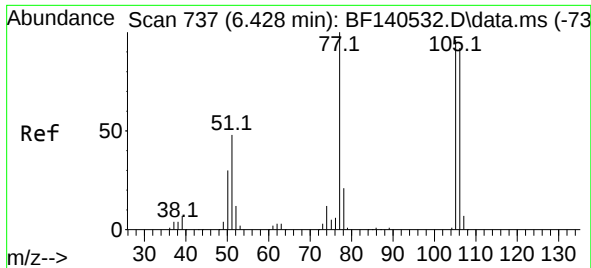
Tgt Ion: 99 Resp: 538742
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.4 30.6 46.0



#8
2-Chlorophenol
Concen: 50.579 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:128 Resp: 218300
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 45.4 30.2 70.2

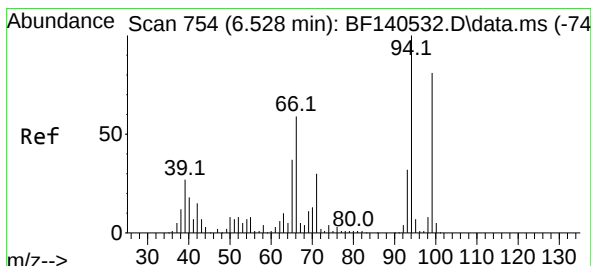
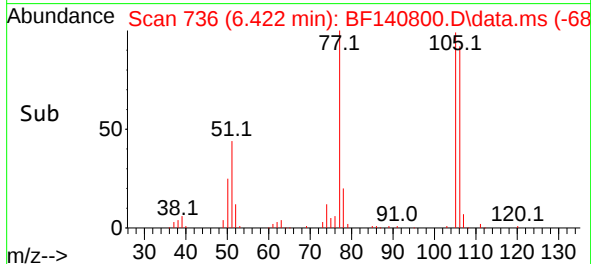
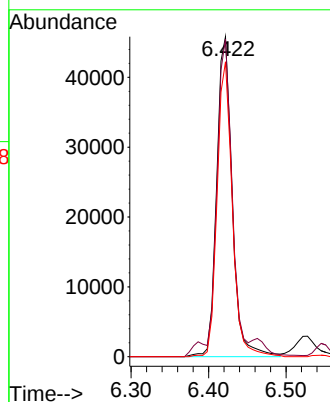
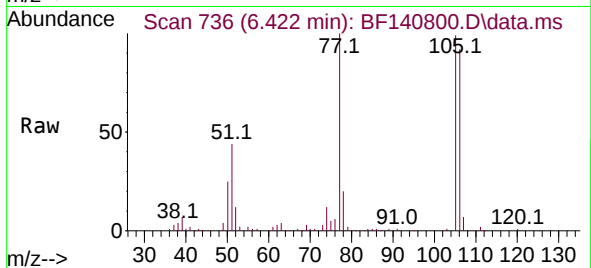




#9
Benzaldehyde
Concen: 22.691 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

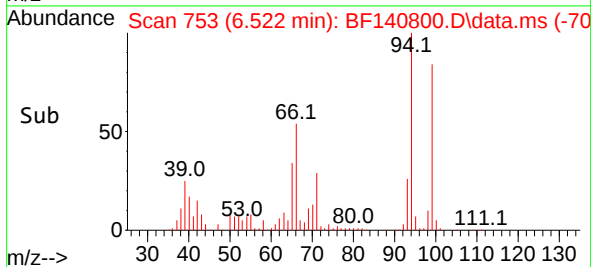
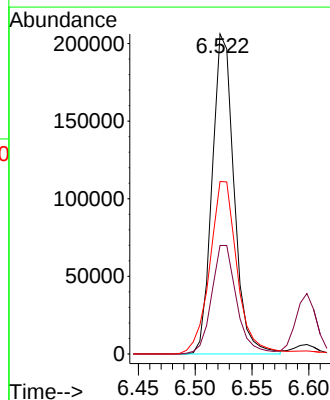
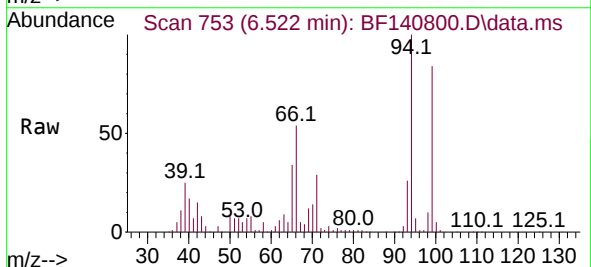
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ClientSampleId :
ROLL-OFF-COMPMS

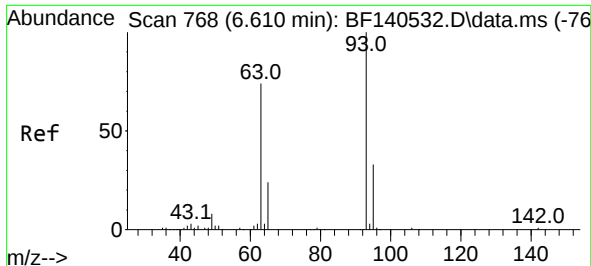
Tgt Ion: 77 Resp: 63708
Ion Ratio Lower Upper
77 100
105 99.3 75.6 115.6
106 92.2 72.0 112.0



#10
Phenol
Concen: 51.019 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion: 94 Resp: 276338
Ion Ratio Lower Upper
94 100
65 33.9 17.2 57.2
66 53.9 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 50.867 ng

RT: 6.598 min Scan# 766

Delta R.T. -0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

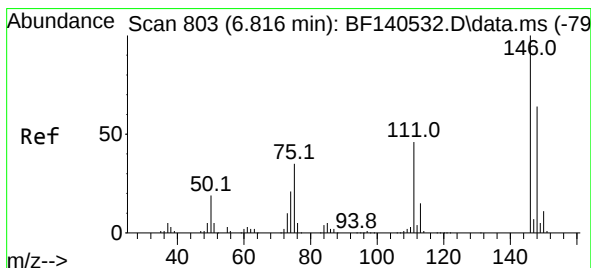
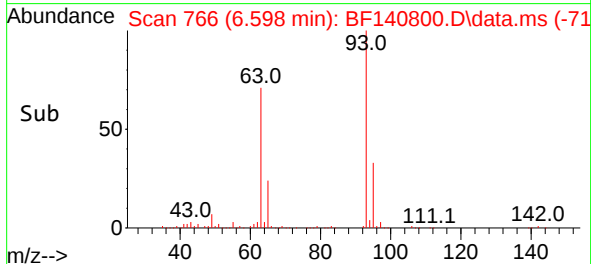
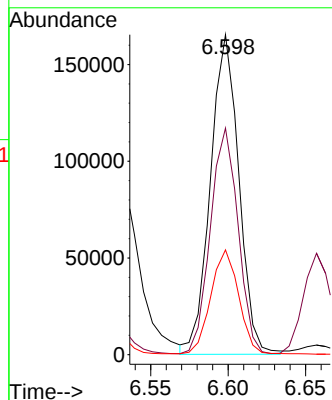
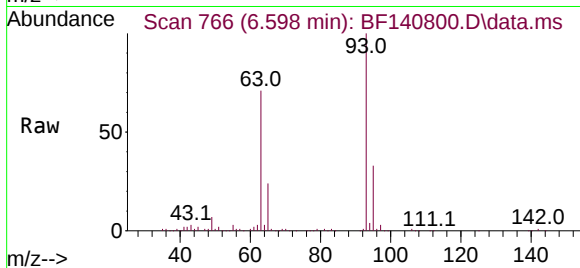
Tgt Ion: 93 Resp: 210831

Ion Ratio Lower Upper

93 100

63 70.8 52.8 92.8

95 32.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 47.983 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

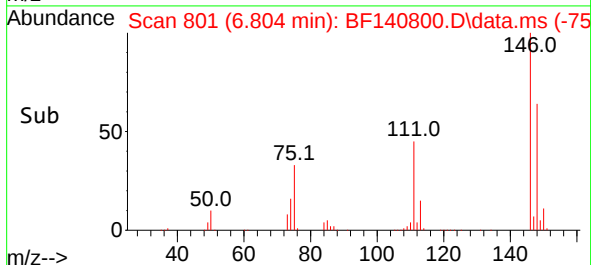
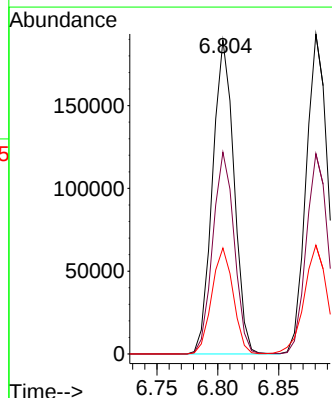
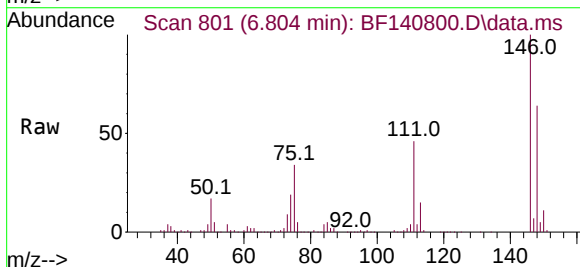
Tgt Ion: 146 Resp: 232705

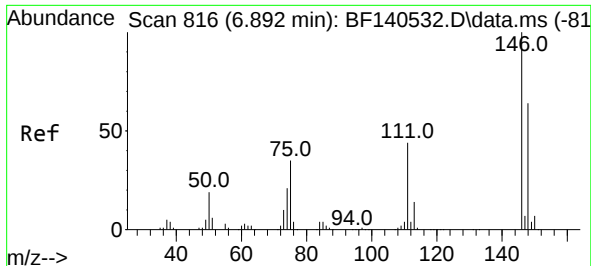
Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

75 33.8 28.2 42.2

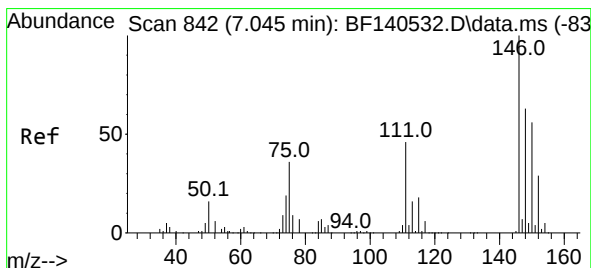
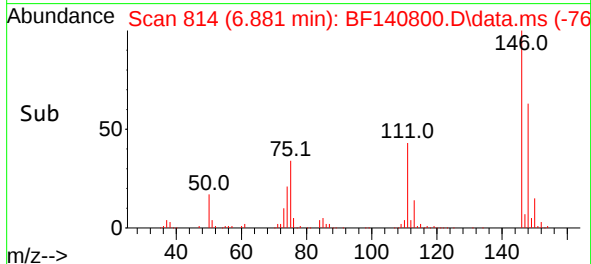
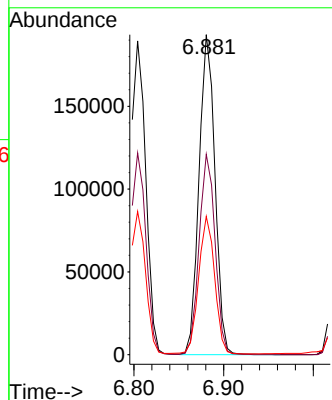
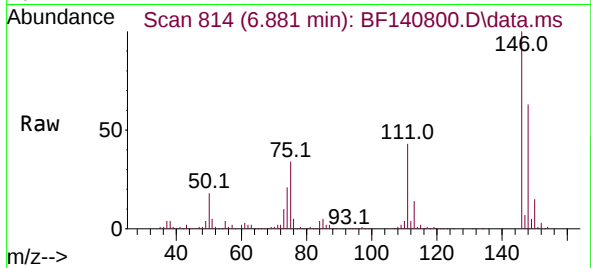




#13
1,4-Dichlorobenzene
Concen: 48.603 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

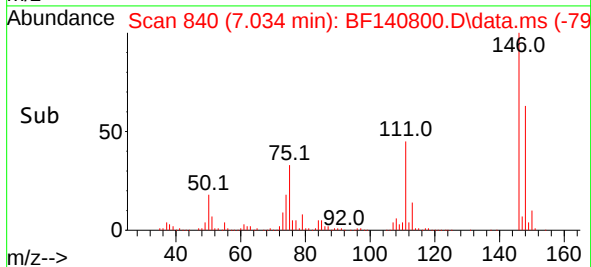
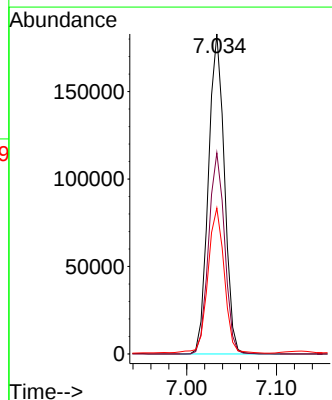
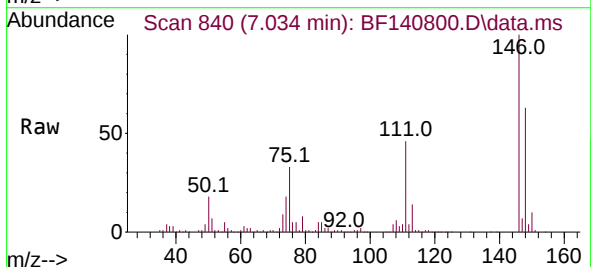
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

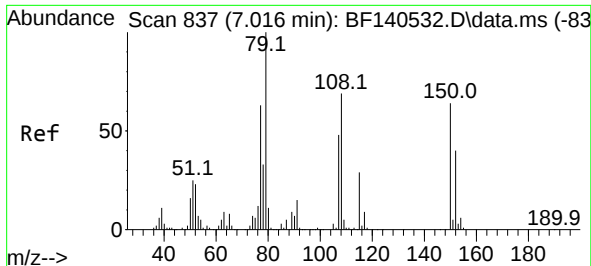
Tgt Ion:146 Resp: 238665
Ion Ratio Lower Upper
146 100
148 62.6 51.0 76.6
111 43.2 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 49.168 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:146 Resp: 226236
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
111 45.6 36.7 55.1

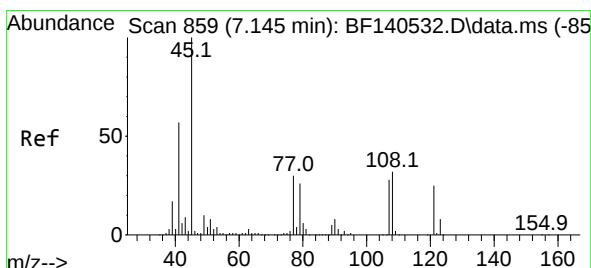
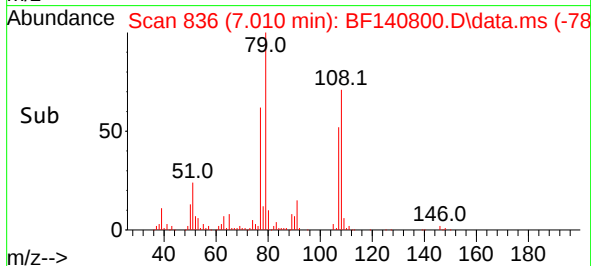
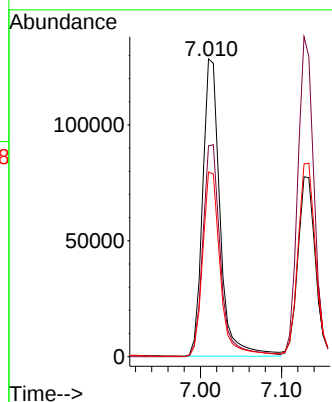
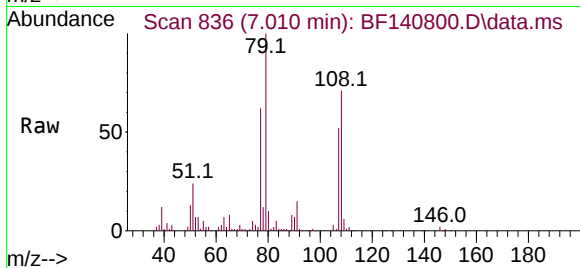




#15
Benzyl Alcohol
Concen: 48.719 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

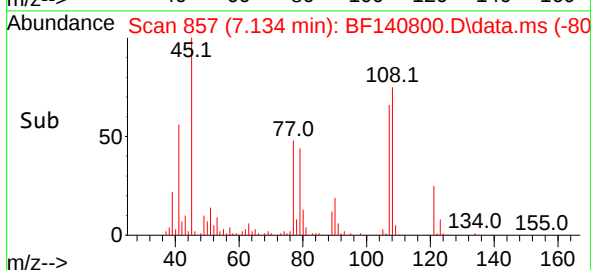
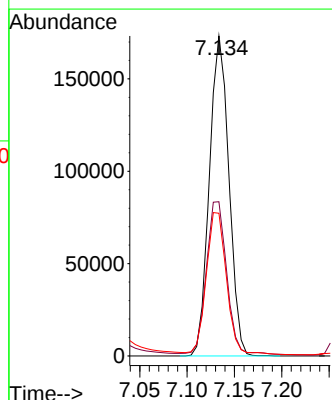
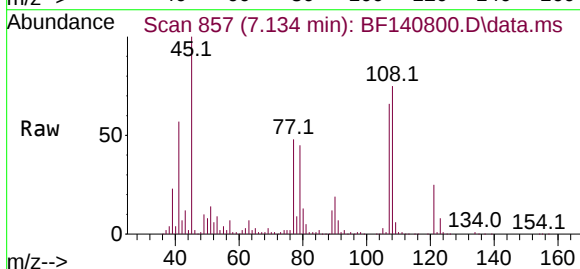
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

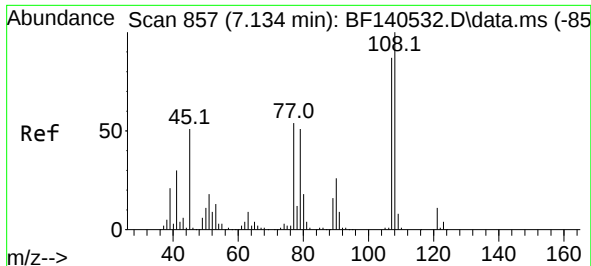
Tgt Ion: 79 Resp: 191617
Ion Ratio Lower Upper
79 100
108 70.8 55.0 82.6
77 62.0 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.843 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

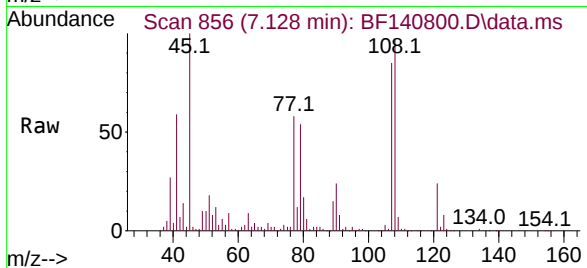
Tgt Ion: 45 Resp: 248953
Ion Ratio Lower Upper
45 100
77 48.2 10.7 50.7
79 44.6 7.0 47.0



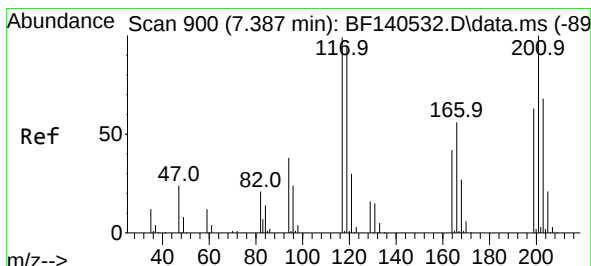
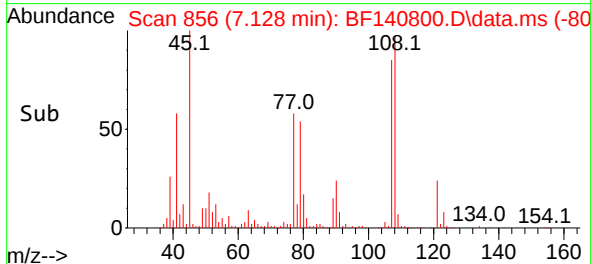
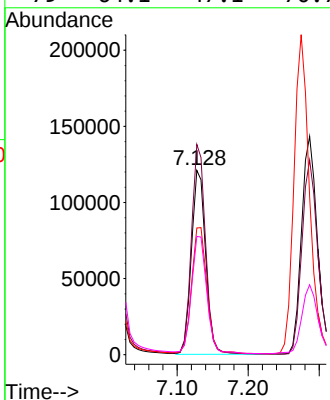


#17
2-Methylphenol
Concen: 49.170 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

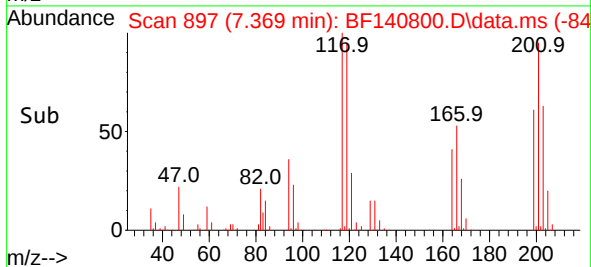
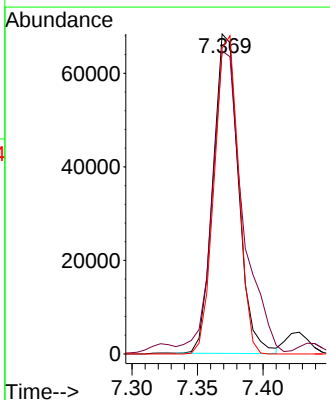
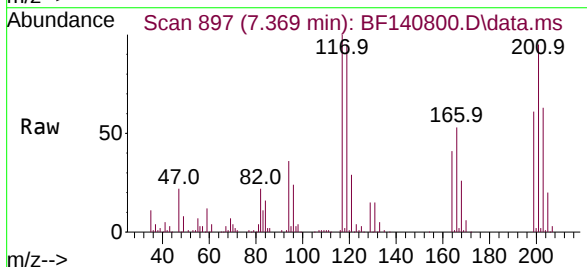


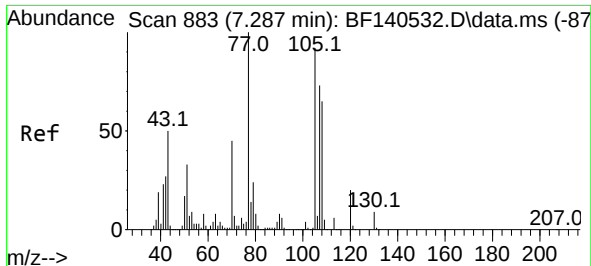
Tgt Ion:	107	Resp:	169881
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.7	137.5
77	68.7	49.3	73.9
79	64.1	47.1	70.7



#18
Hexachloroethane
Concen: 50.335 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:	117	Resp:	92316
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.1	115.7
201	95.5	81.1	121.7





#19

n-Nitroso-di-n-propylamine

Concen: 49.978 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140800.D

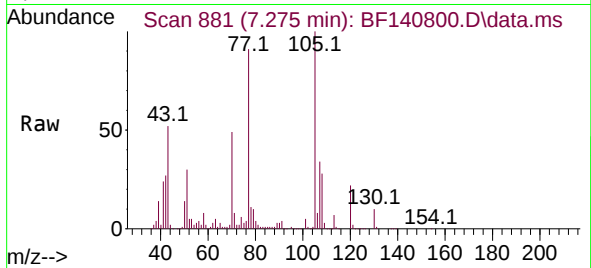
Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS



Tgt Ion: 70 Resp: 156654

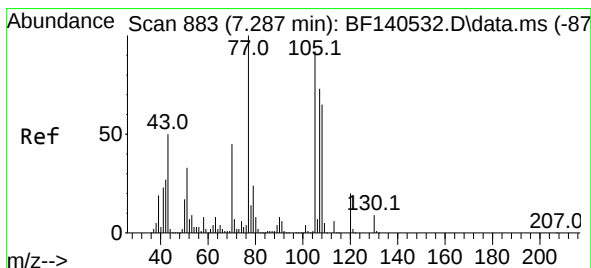
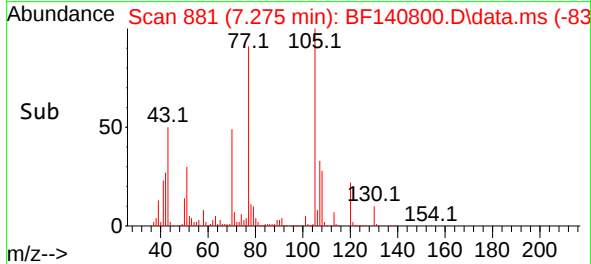
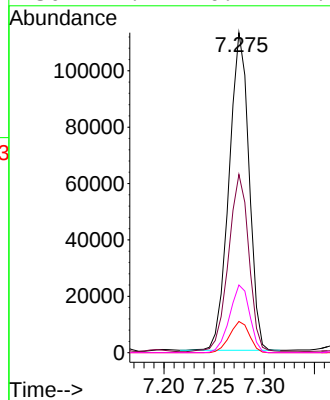
Ion Ratio Lower Upper

70 100

42 55.7 47.6 71.4

101 9.7 7.6 11.4

130 21.2 16.2 24.4



#20

3+4-Methylphenols

Concen: 50.431 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Tgt Ion: 107 Resp: 223956

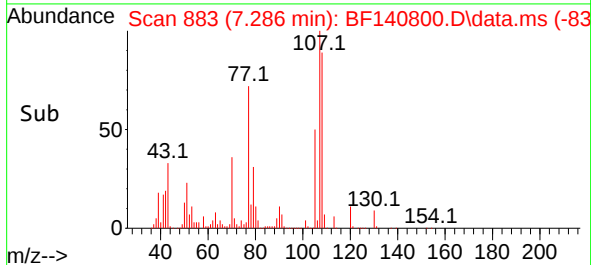
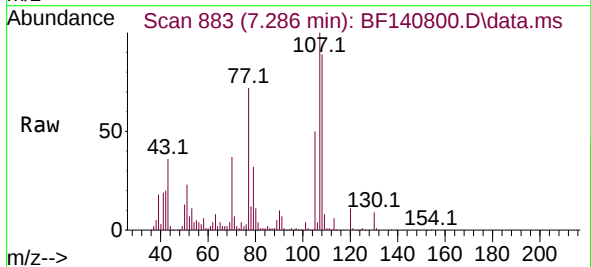
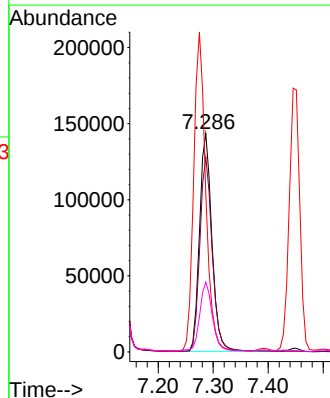
Ion Ratio Lower Upper

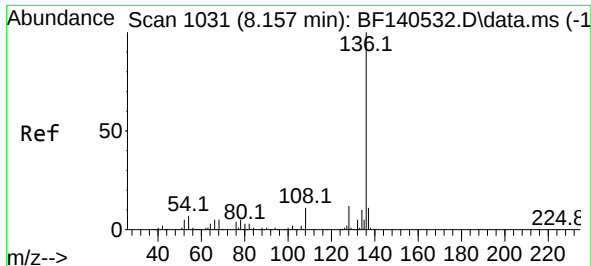
107 100

108 89.2 69.9 109.9

77 72.3 117.7 157.7#

79 32.0 13.4 53.4



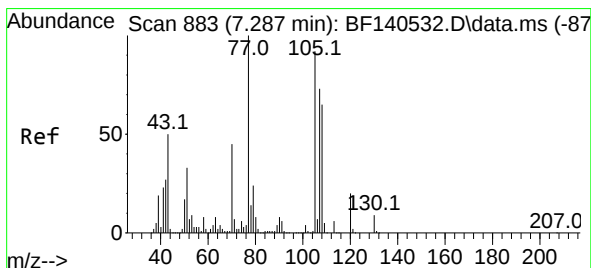
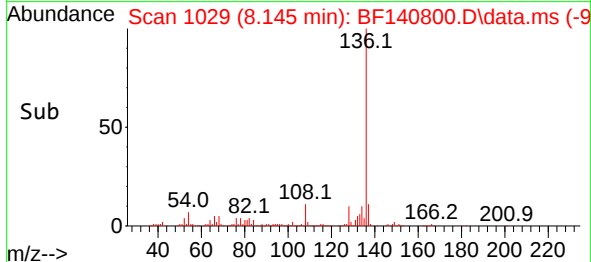
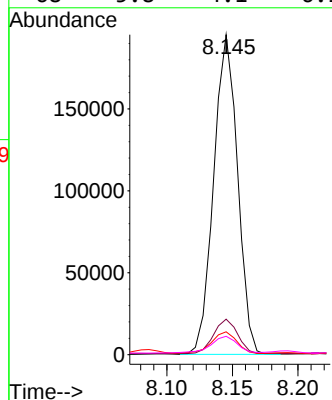
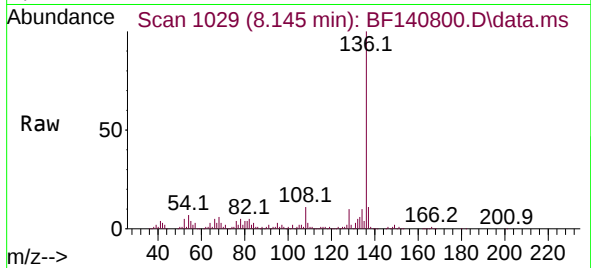


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tgt Ion:136 Resp: 246721

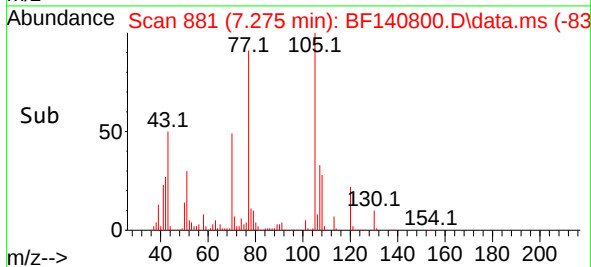
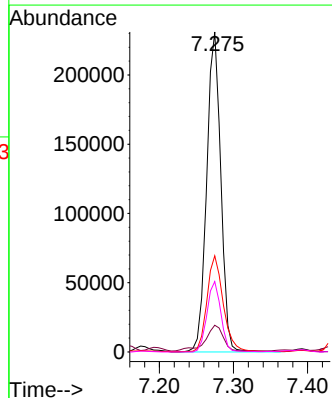
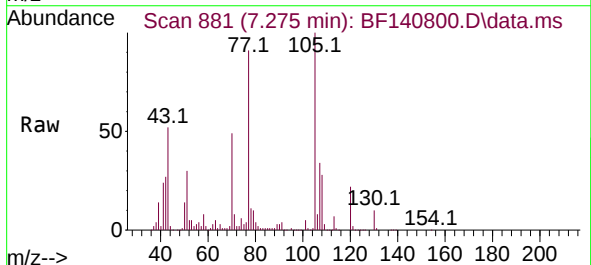
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.1	5.8	8.8
68	5.8	4.1	6.1

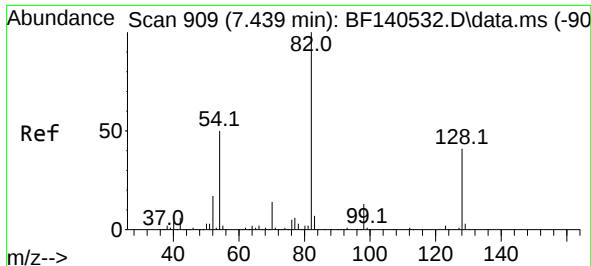


#22
Acetophenone
Concen: 50.812 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:105 Resp: 305633

Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.2	9.2
51	30.1	29.0	43.6
120	22.0	17.4	26.0

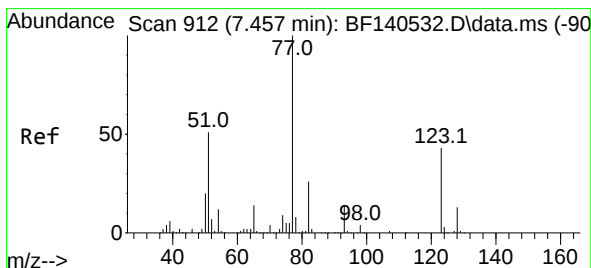
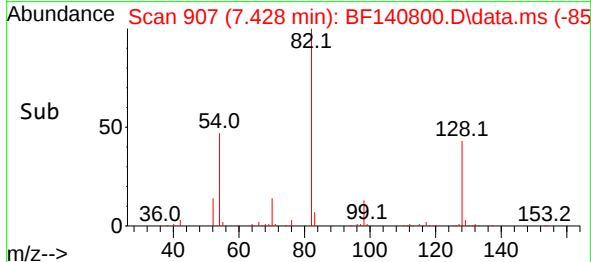
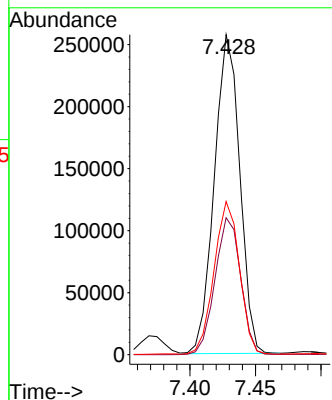
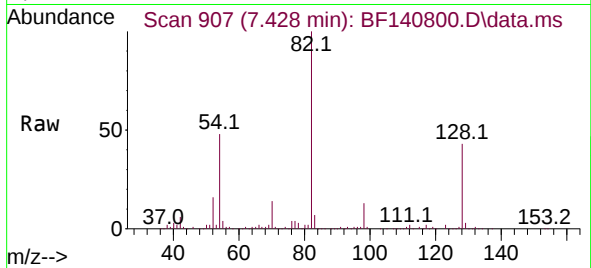




#23
Nitrobenzene-d5
Concen: 71.846 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

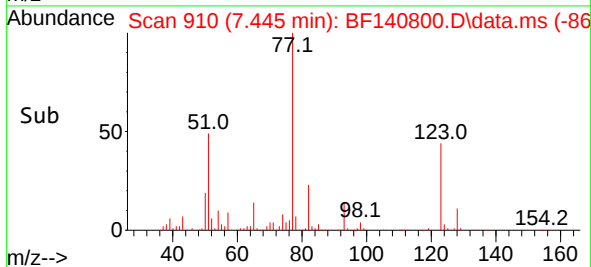
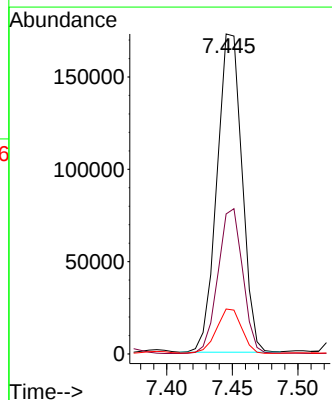
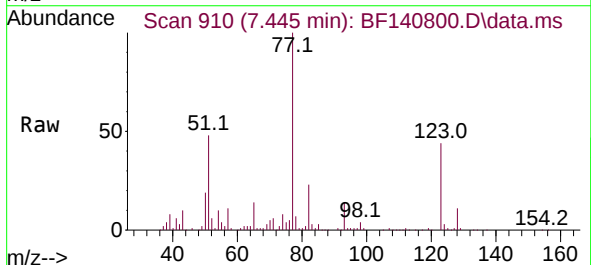
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

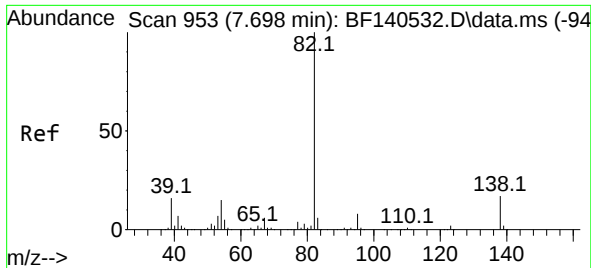
Tgt Ion: 82 Resp: 346545
Ion Ratio Lower Upper
82 100
128 42.8 33.0 49.4
54 47.8 39.5 59.3



#24
Nitrobenzene
Concen: 45.974 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion: 77 Resp: 229188
Ion Ratio Lower Upper
77 100
123 43.8 34.3 51.5
65 14.1 11.2 16.8

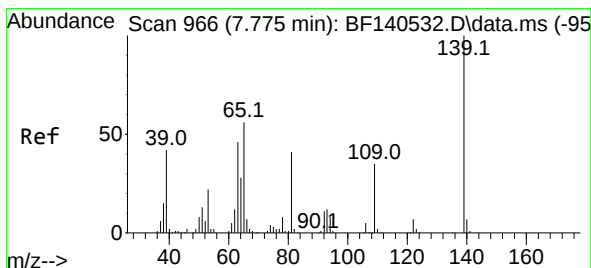
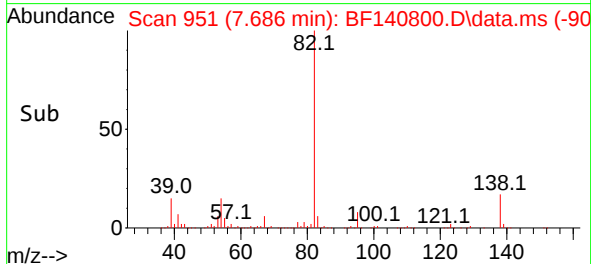
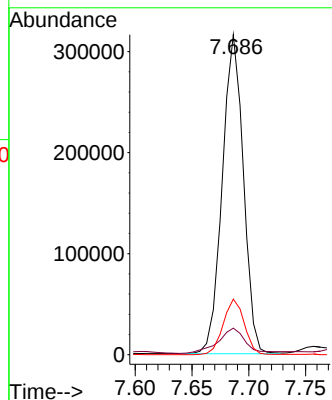
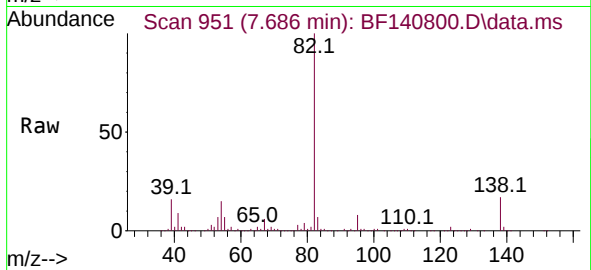




#25
Isophorone
Concen: 50.735 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

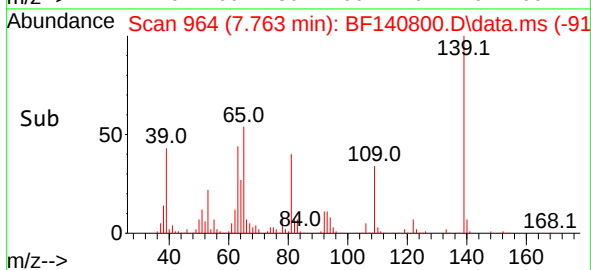
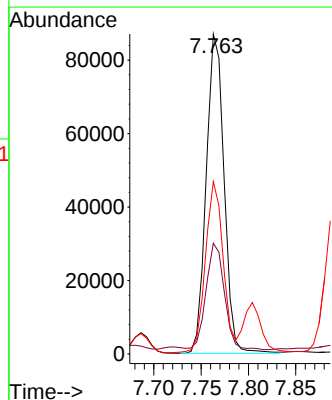
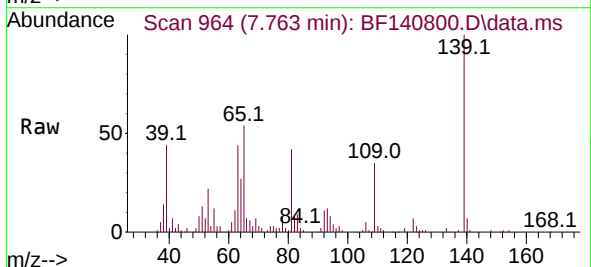
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

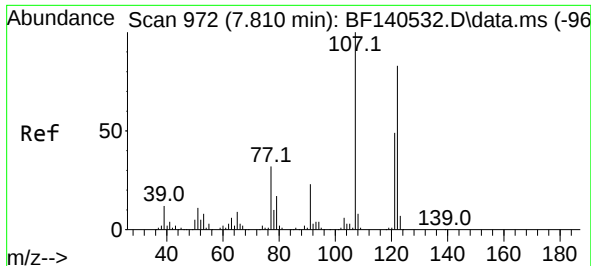
Tgt Ion: 82 Resp: 408171
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 17.4 13.8 20.6



#26
2-Nitrophenol
Concen: 51.501 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:139 Resp: 113777
Ion Ratio Lower Upper
139 100
109 34.6 28.0 42.0
65 53.9 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 64.346 ng m

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

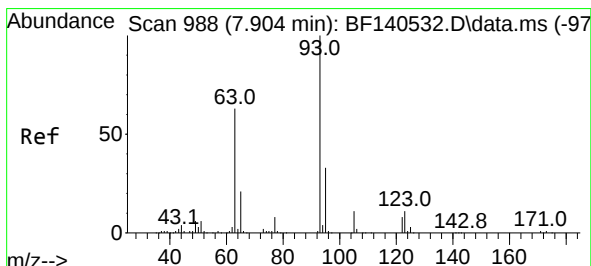
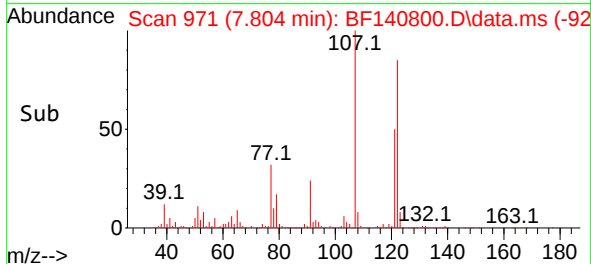
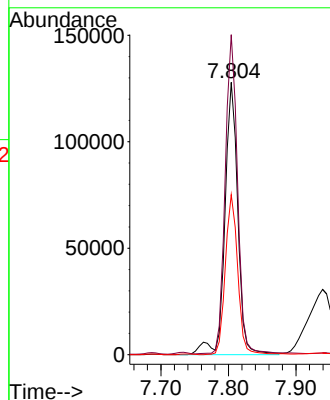
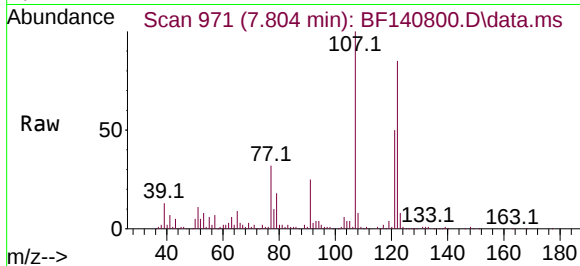
Tgt Ion:122 Resp: 170083

Ion Ratio Lower Upper

122 100

107 117.5 96.8 145.2

121 58.7 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 50.330 ng

RT: 7.892 min Scan# 986

Delta R.T. -0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

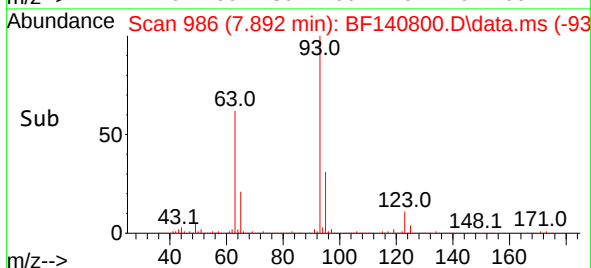
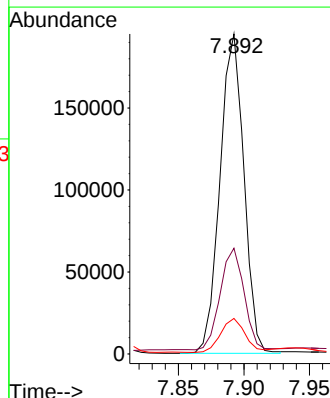
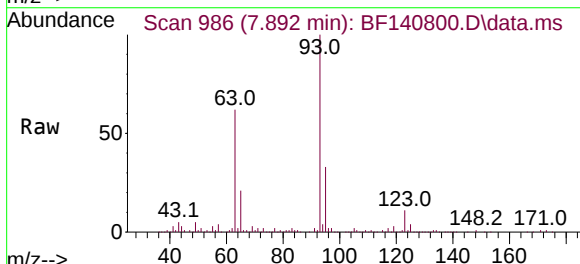
Tgt Ion: 93 Resp: 246673

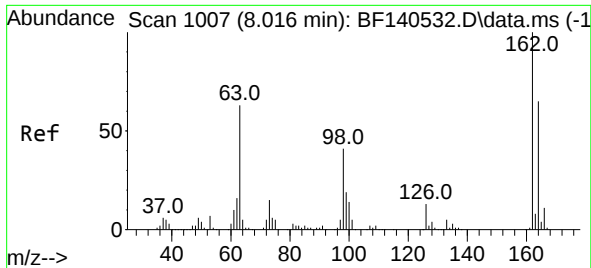
Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.772 ng

RT: 8.016 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

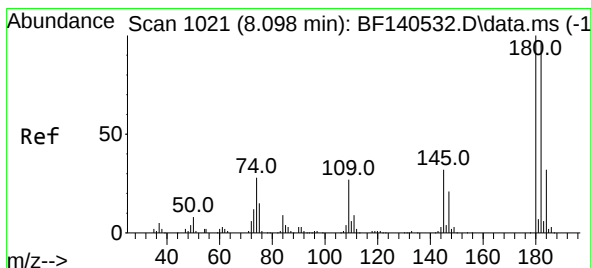
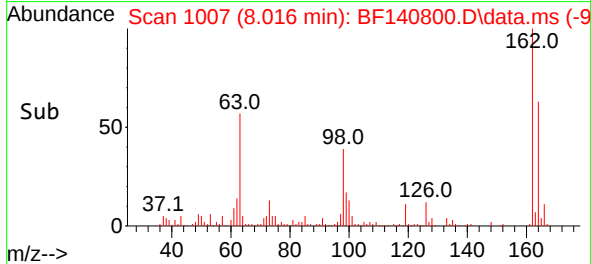
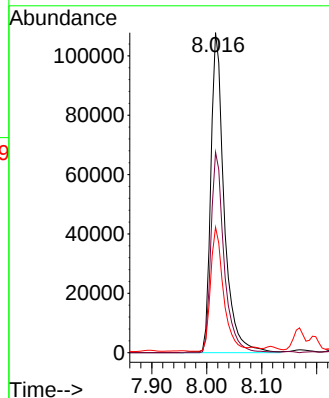
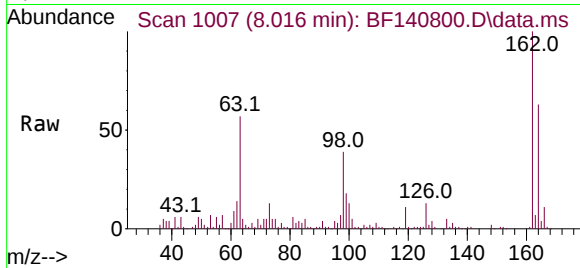
Tgt Ion:162 Resp: 181335

Ion Ratio Lower Upper

162 100

164 62.6 44.8 84.8

98 39.2 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 46.897 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

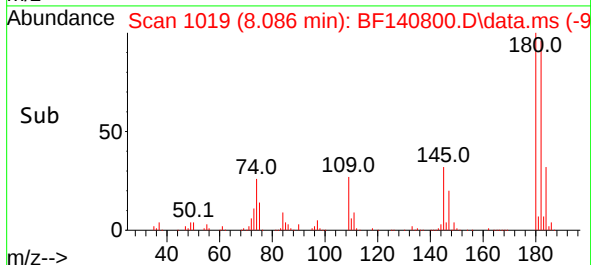
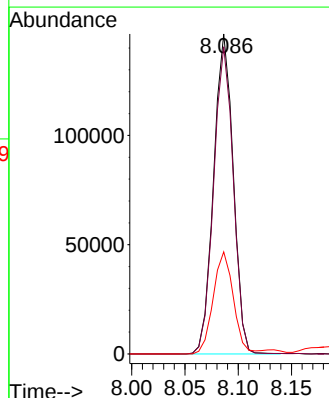
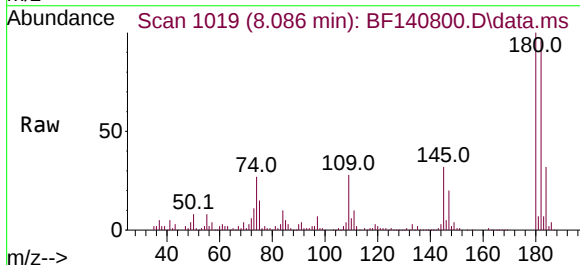
Tgt Ion:180 Resp: 187547

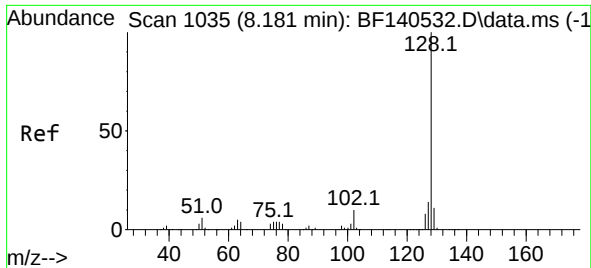
Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 31.9 25.9 38.9

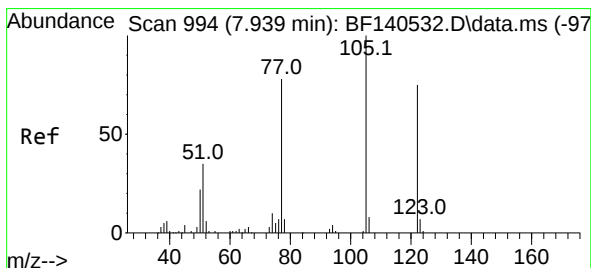
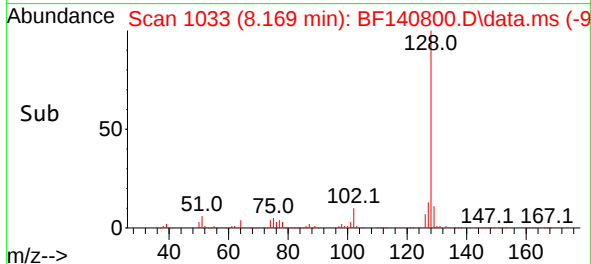
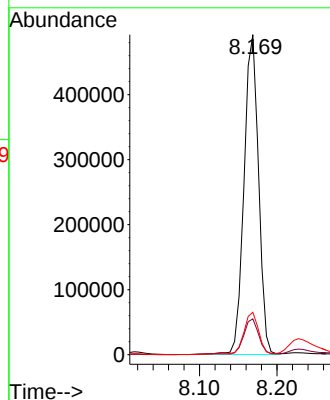
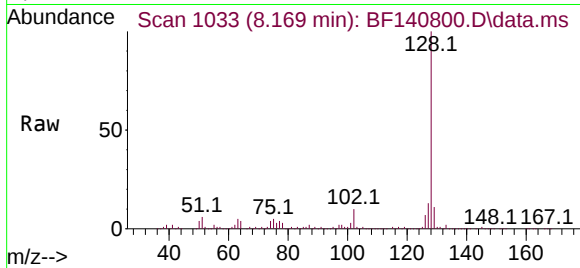




#31
Naphthalene
Concen: 50.446 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

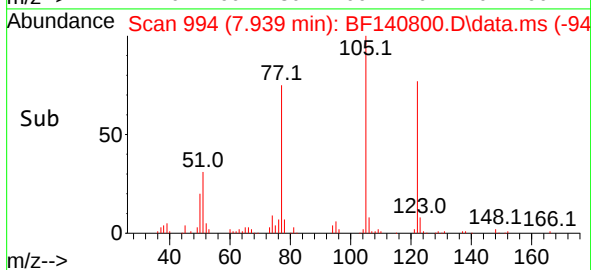
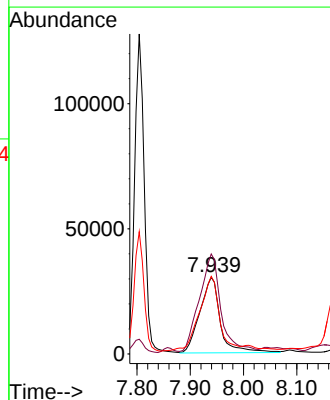
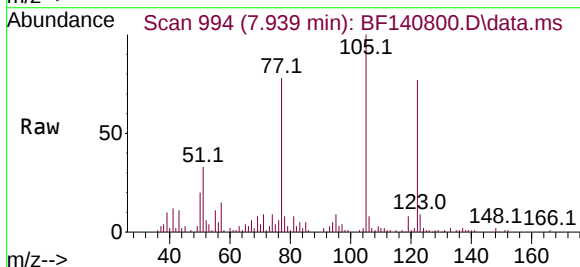
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

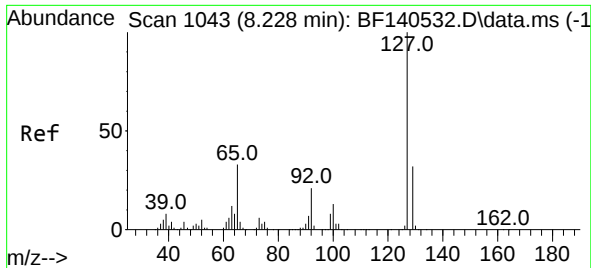
Tgt Ion:128 Resp: 641084
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 36.816 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:122 Resp: 80152
Ion Ratio Lower Upper
122 100
105 130.3 109.3 149.3
77 101.2 82.3 122.3

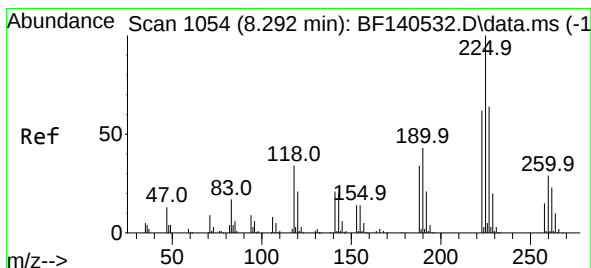
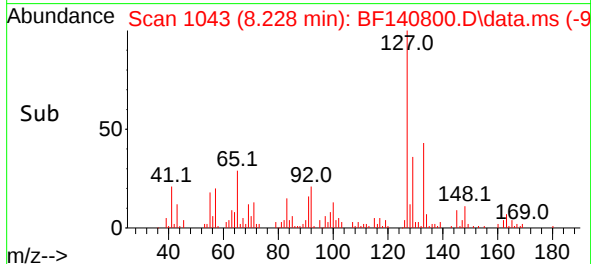
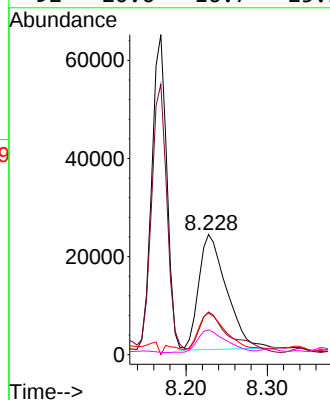
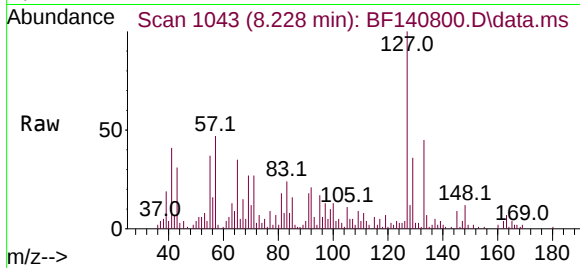




#33
4-Chloroaniline
Concen: 14.706 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

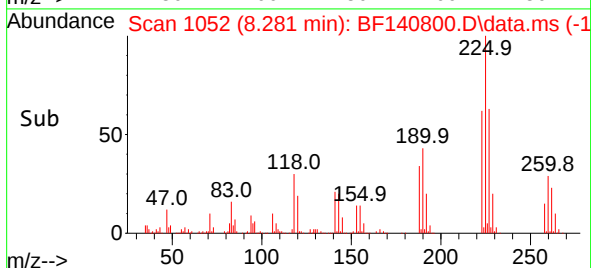
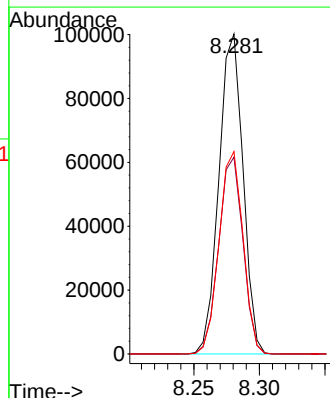
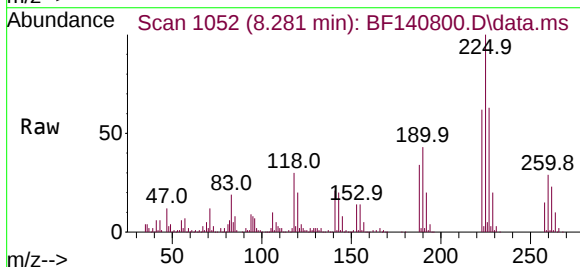
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

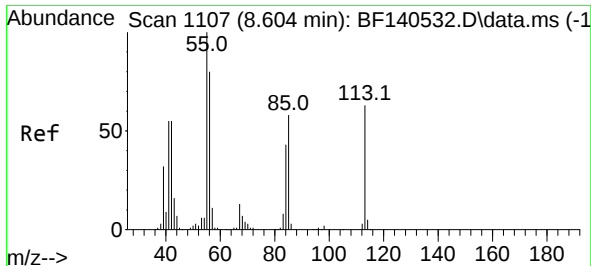
Tgt Ion:	127	Resp:	55954
Ion	Ratio	Lower	Upper
127	100		
129	35.5	26.0	39.0
65	34.6	26.0	39.0
92	20.6	16.7	25.1



#34
Hexachlorobutadiene
Concen: 48.349 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:	225	Resp:	128068
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.8	74.8
227	63.2	51.3	76.9

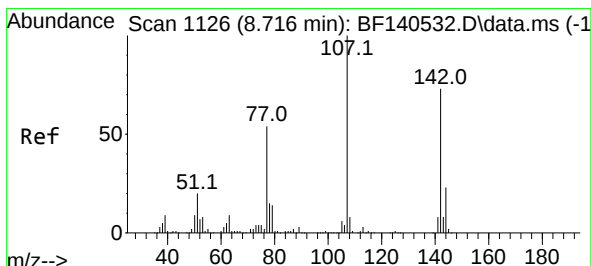
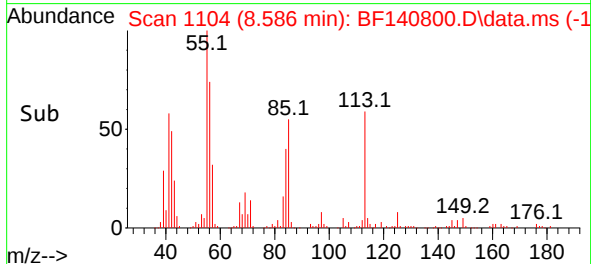
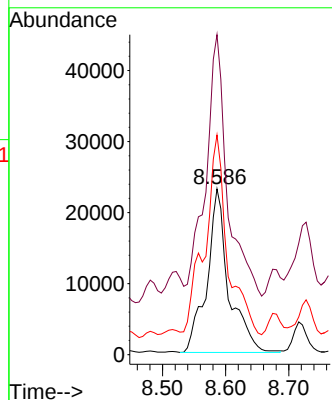
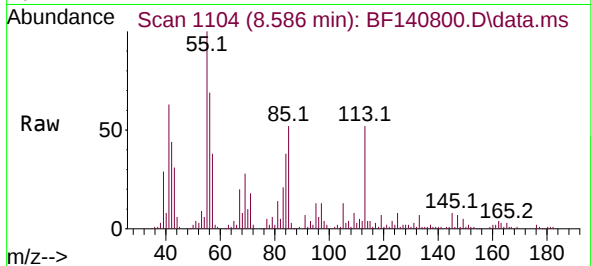




#35
 Caprolactam
 Concen: 50.963 ng
 RT: 8.586 min Scan# 1104
 Delta R.T. -0.018 min
 Lab File: BF140800.D
 Acq: 10 Dec 2024 12:21

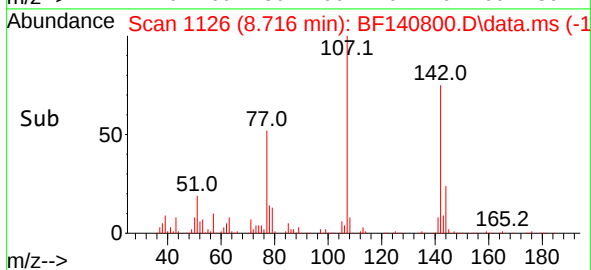
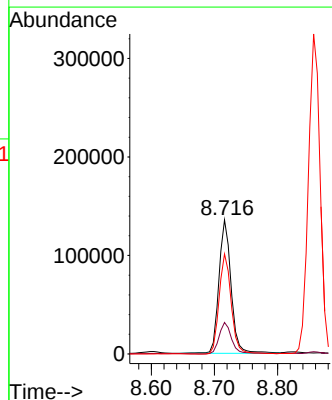
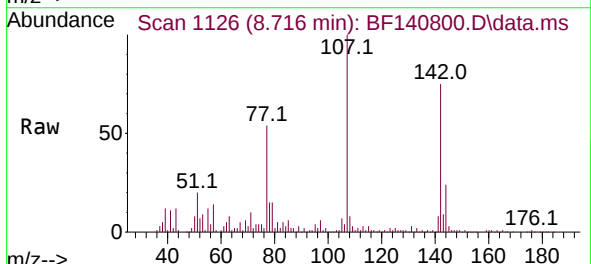
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

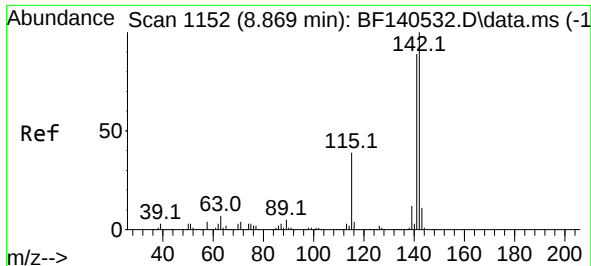
Tgt Ion:113 Resp: 55240
 Ion Ratio Lower Upper
 113 100
 55 193.0 137.7 177.7#
 56 132.5 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 46.257 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: BF140800.D
 Acq: 10 Dec 2024 12:21

Tgt Ion:107 Resp: 181399
 Ion Ratio Lower Upper
 107 100
 144 23.5 18.7 28.1
 142 74.6 58.3 87.5





#37

2-Methylnaphthalene

Concen: 51.493 ng

RT: 8.857 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

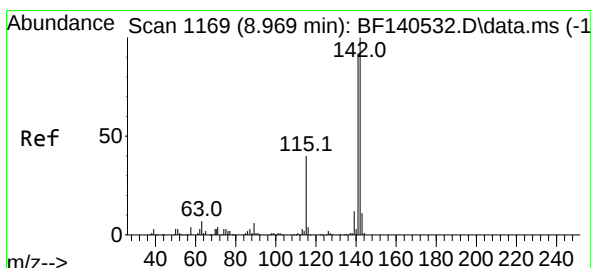
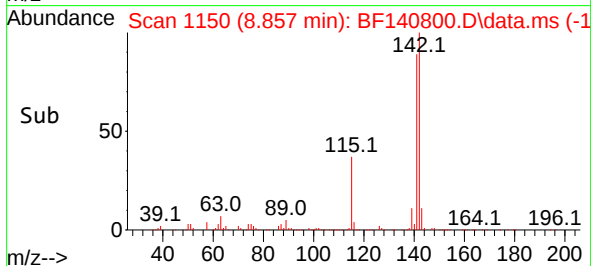
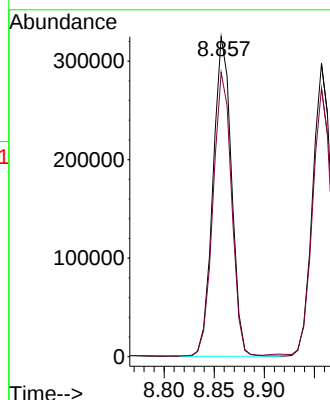
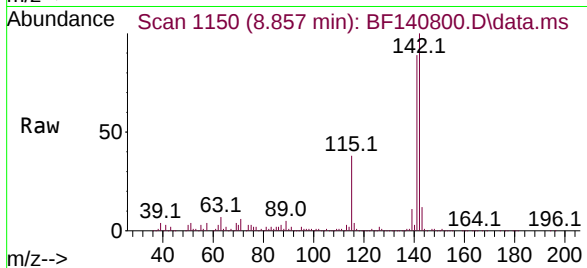
ROLL-OFF-COMPMS

Tgt Ion:142 Resp: 415639

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 47.705 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140800.D

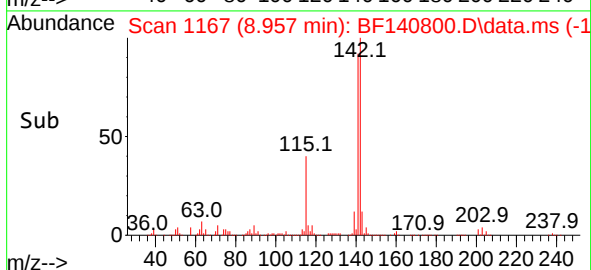
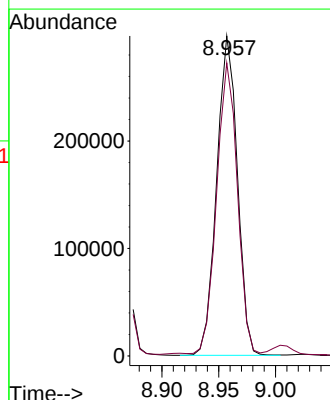
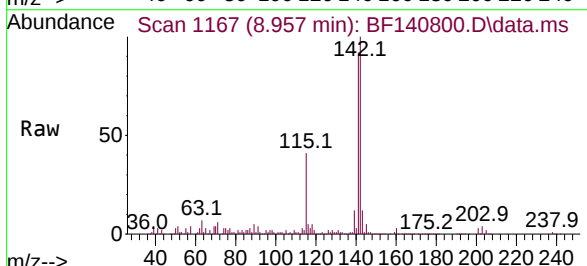
Acq: 10 Dec 2024 12:21

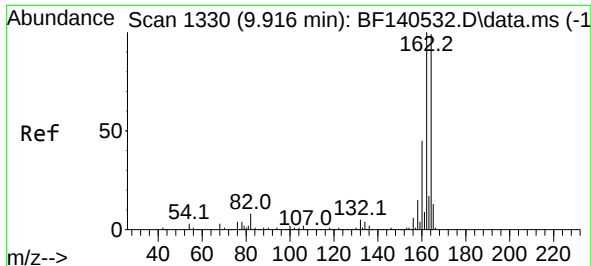
Tgt Ion:142 Resp: 377440

Ion Ratio Lower Upper

142 100

141 91.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

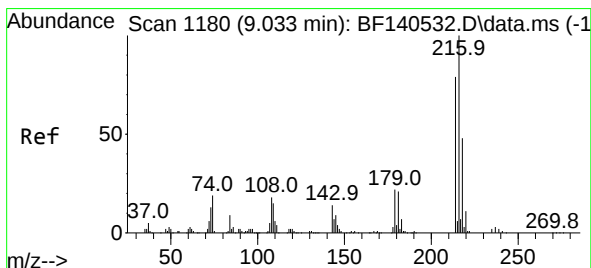
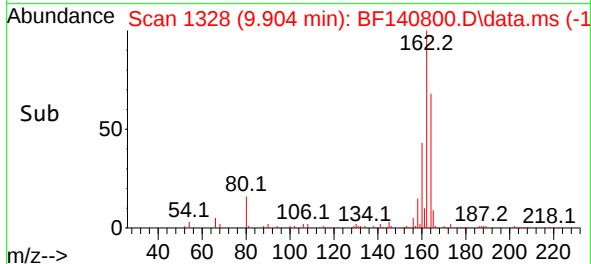
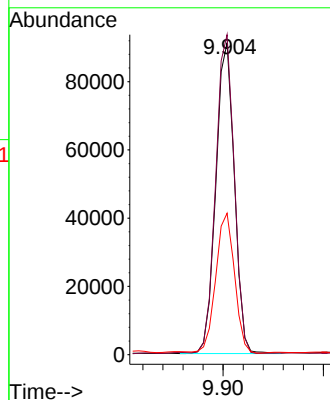
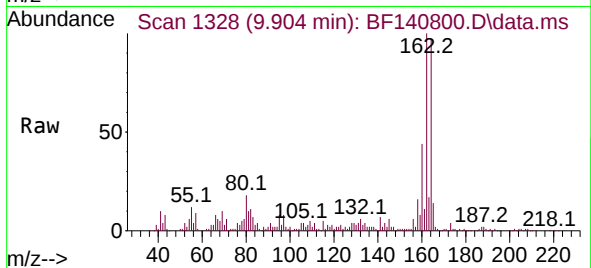
Tgt Ion:164 Resp: 116245

Ion Ratio Lower Upper

164 100

162 102.6 80.6 120.8

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.165 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Tgt Ion:216 Resp: 187729

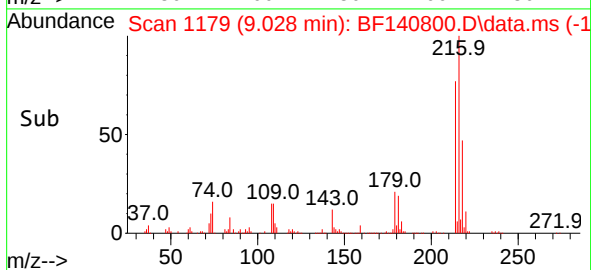
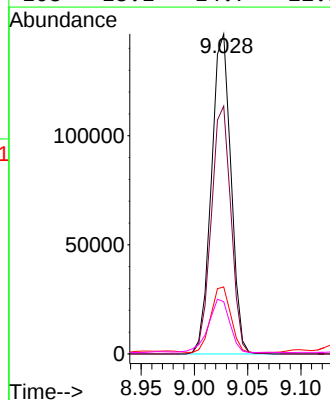
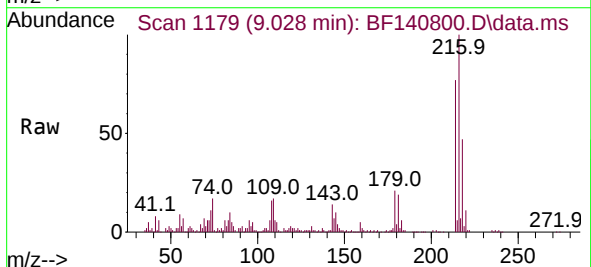
Ion Ratio Lower Upper

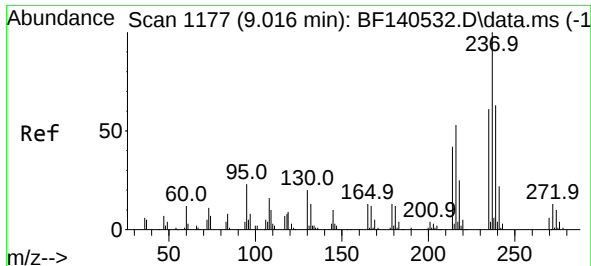
216 100

214 77.9 63.0 94.4

179 20.8 17.5 26.3

108 18.1 14.7 22.1

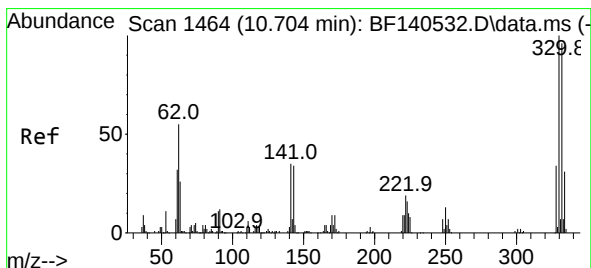
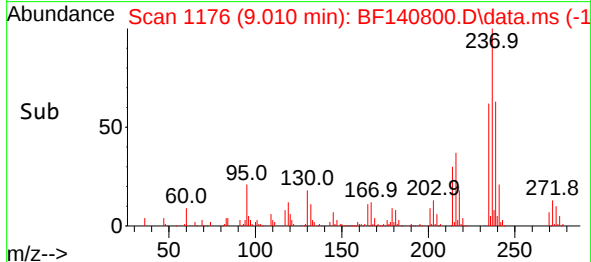
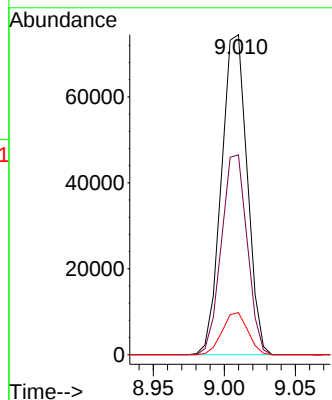
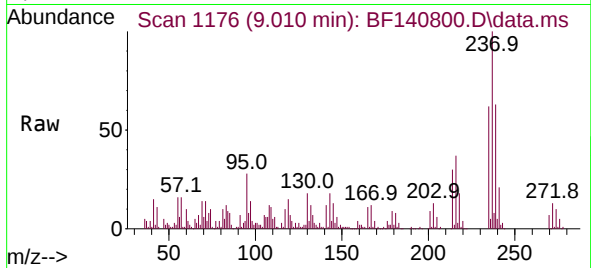




#41
Hexachlorocyclopentadiene
Concen: 118.973 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

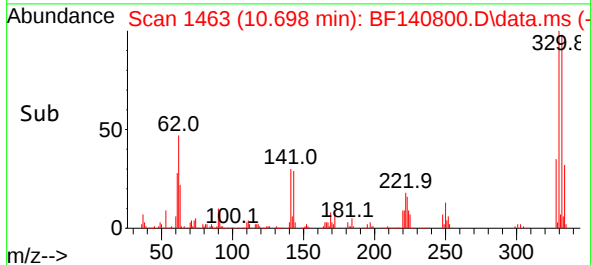
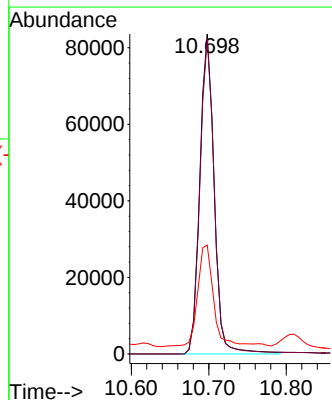
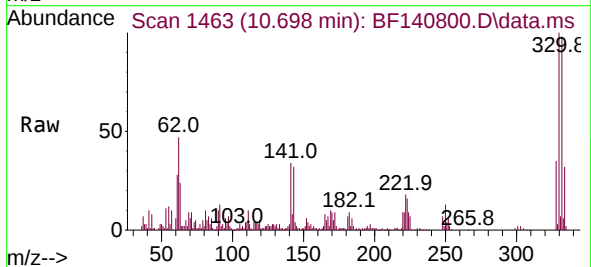
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

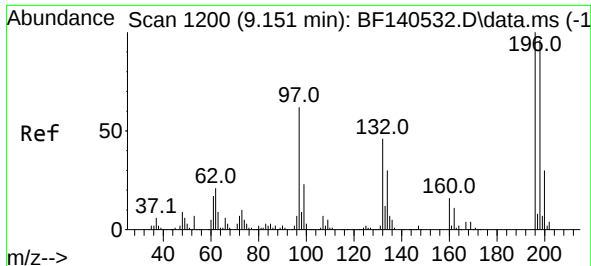
Tgt Ion:237 Resp: 93996
Ion Ratio Lower Upper
237 100
235 62.4 41.1 81.1
272 13.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 86.457 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:330 Resp: 107488
Ion Ratio Lower Upper
330 100
332 100.0 76.9 115.3
141 35.9 26.7 40.1

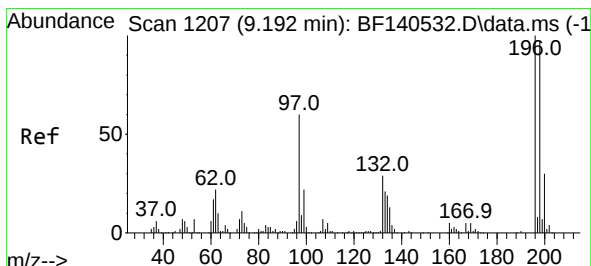
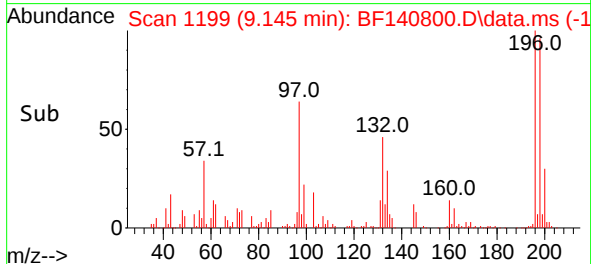
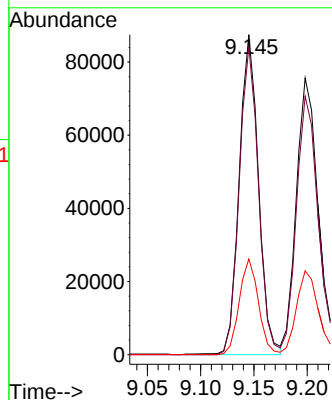
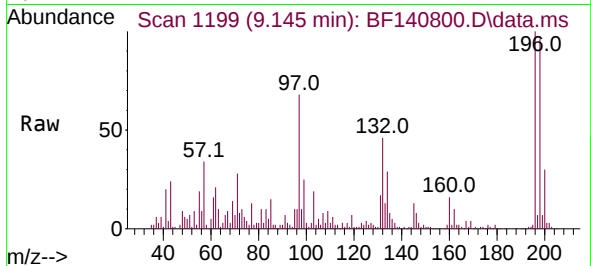




#43
2,4,6-Trichlorophenol
Concen: 51.806 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

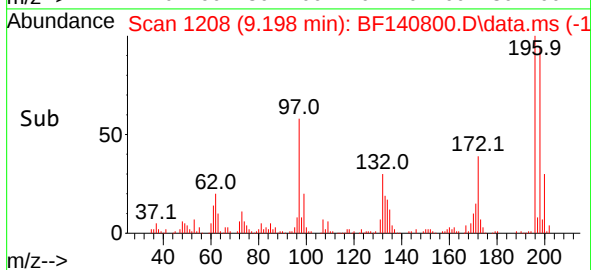
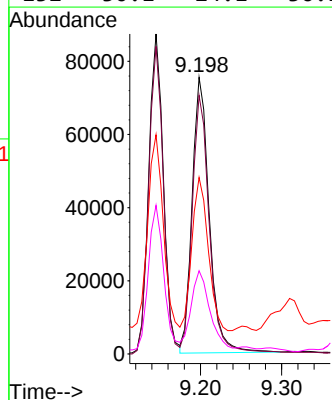
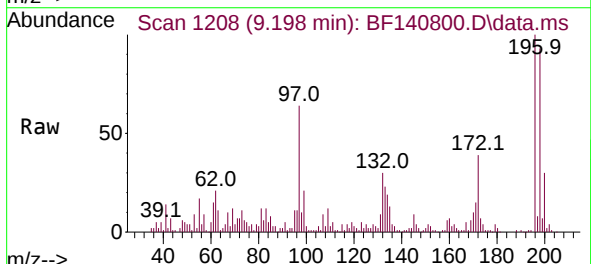
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

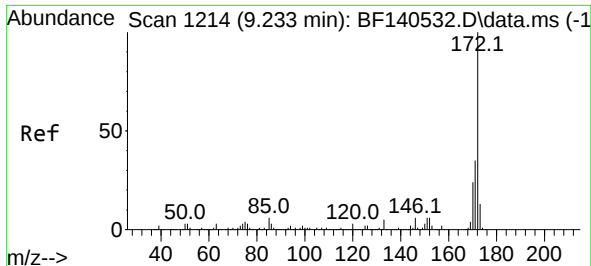
Tgt Ion:196 Resp: 110627
Ion Ratio Lower Upper
196 100
198 96.2 76.8 115.2
200 29.9 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 47.691 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:196 Resp: 110524
Ion Ratio Lower Upper
196 100
198 93.4 77.2 115.8
97 63.8 47.1 70.7
132 30.1 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 72.693 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

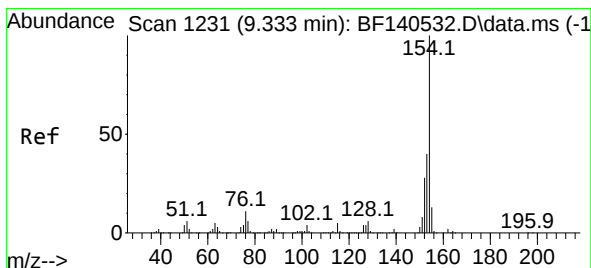
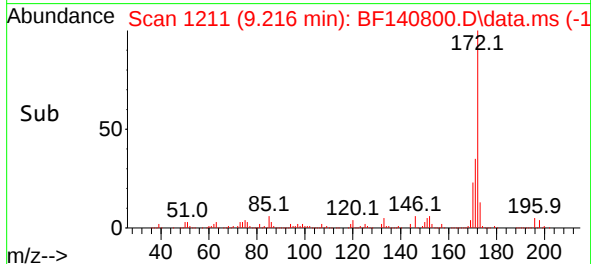
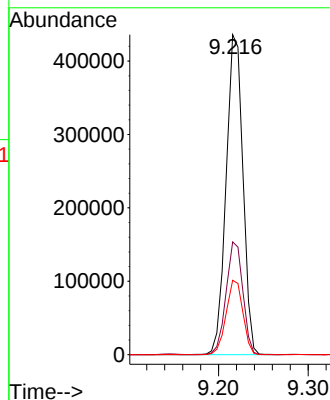
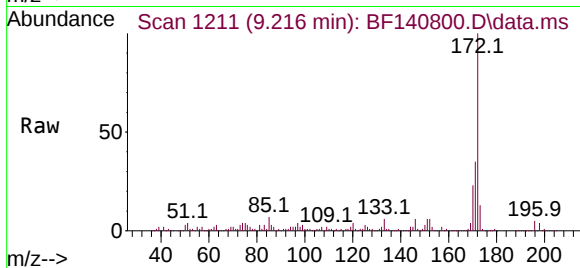
Tgt Ion:172 Resp: 567147

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 54.686 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

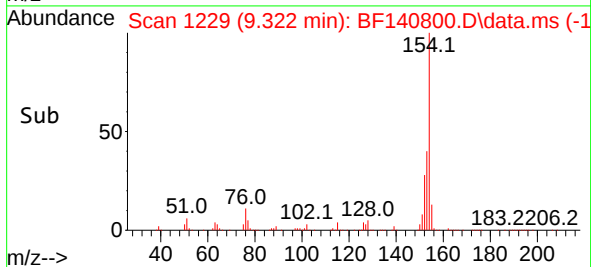
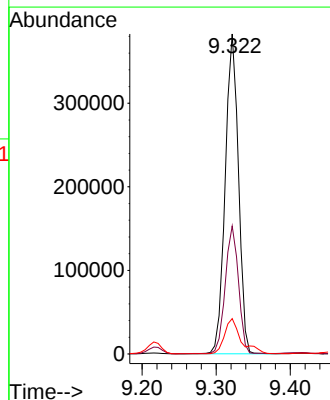
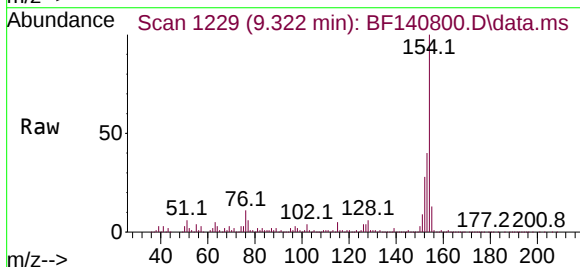
Tgt Ion:154 Resp: 474615

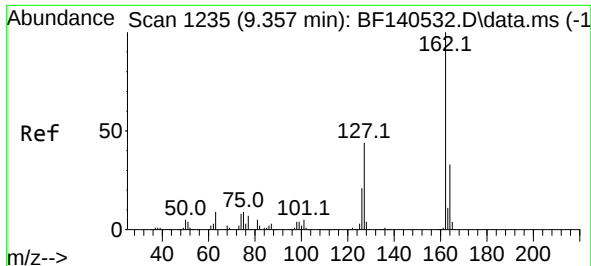
Ion Ratio Lower Upper

154 100

153 40.0 20.4 60.4

76 11.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 52.309 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

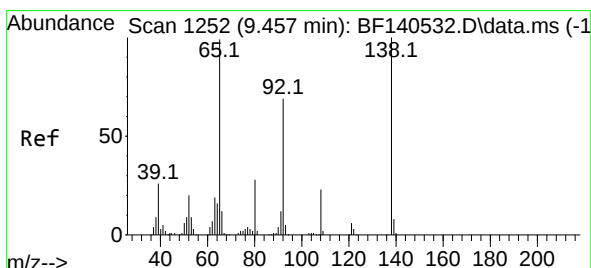
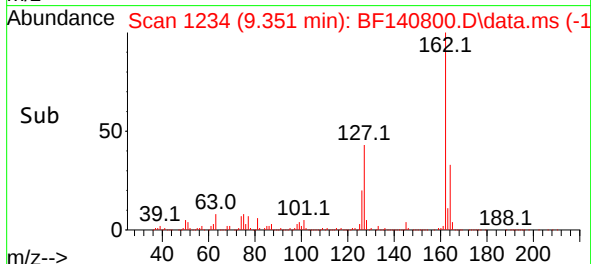
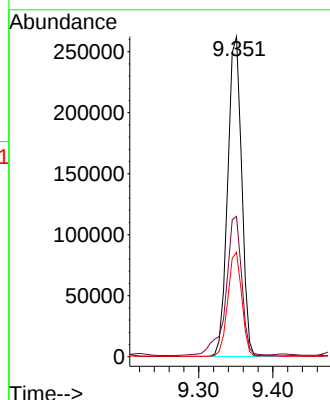
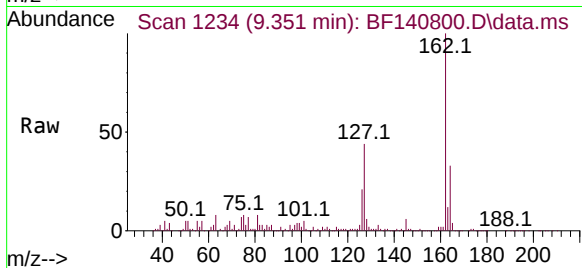
Tgt Ion:162 Resp: 343997

Ion Ratio Lower Upper

162 100

127 43.8 35.7 53.5

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 49.772 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

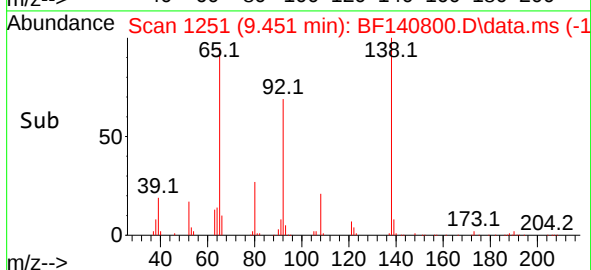
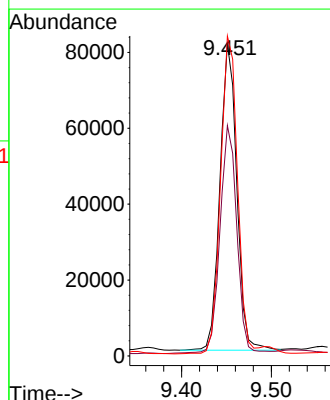
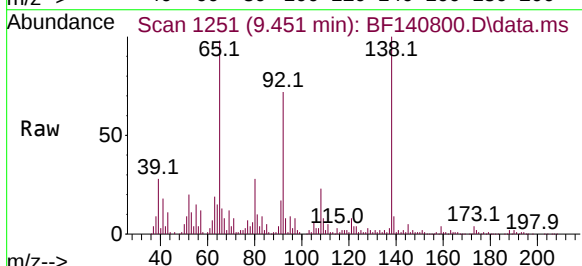
Tgt Ion: 65 Resp: 105061

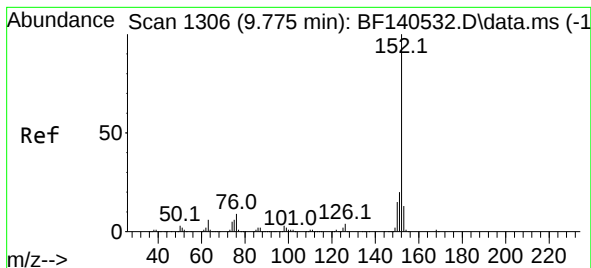
Ion Ratio Lower Upper

65 100

92 73.7 56.1 84.1

138 102.4 81.0 121.6





#49

Acenaphthylene

Concen: 54.952 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

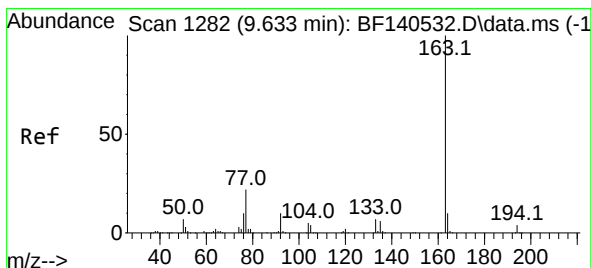
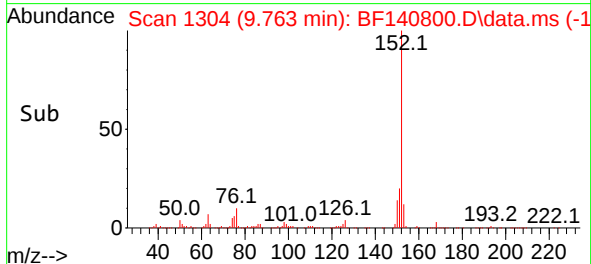
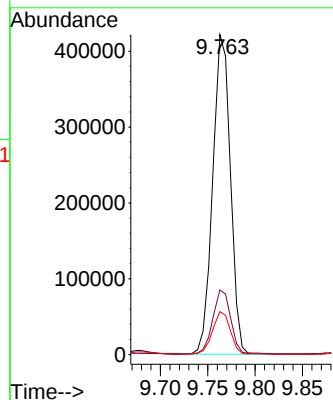
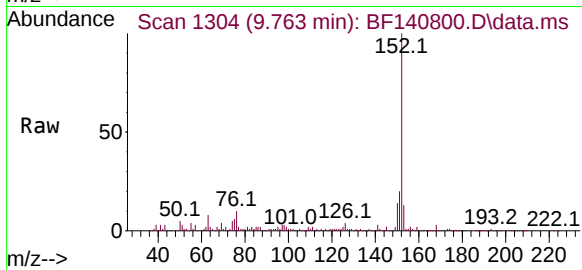
Tgt Ion:152 Resp: 546021

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.5 10.6 16.0



#50

Dimethylphthalate

Concen: 51.972 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

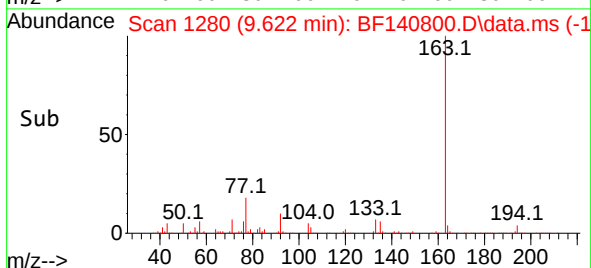
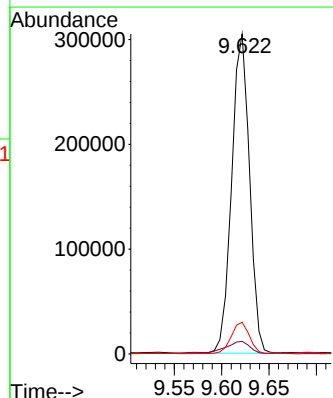
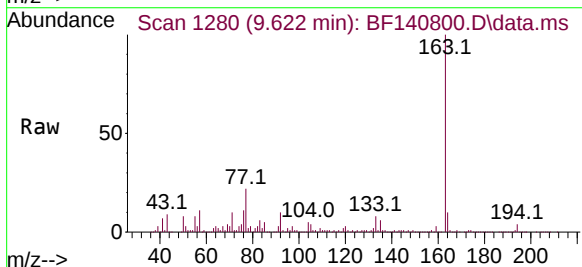
Tgt Ion:163 Resp: 397892

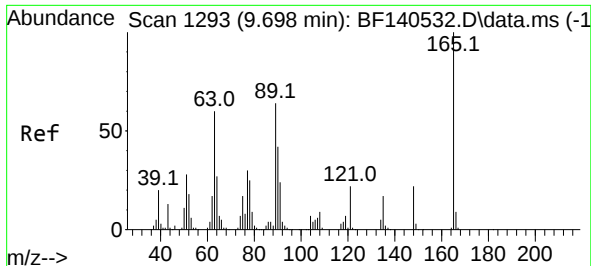
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.9 8.2 12.2

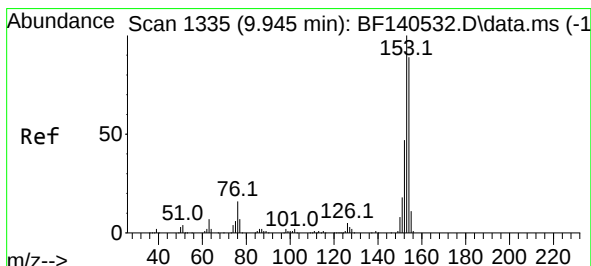
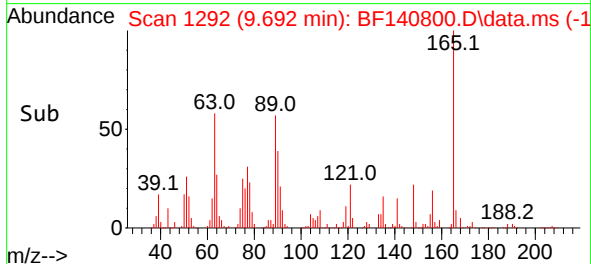
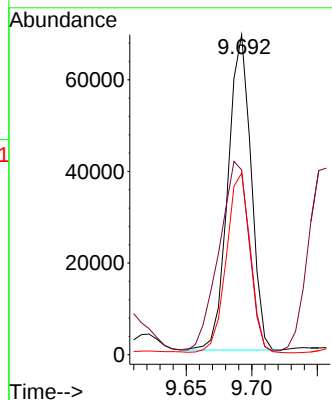
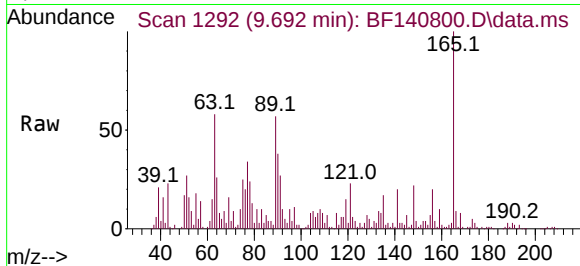




#51
2,6-Dinitrotoluene
Concen: 48.353 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

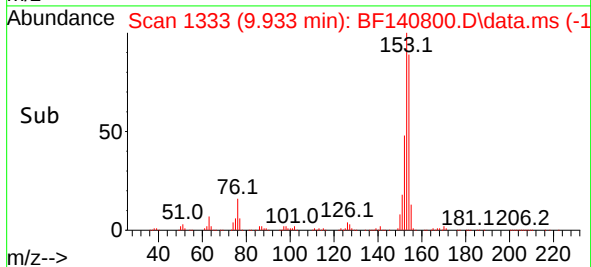
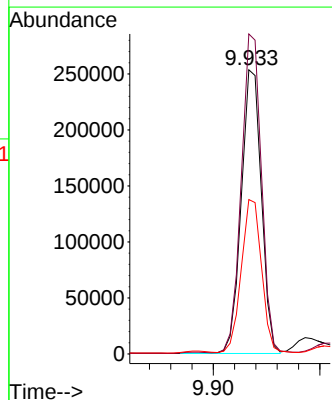
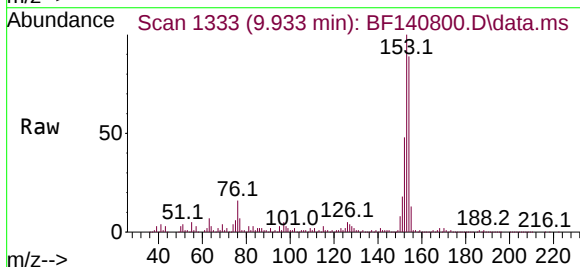
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

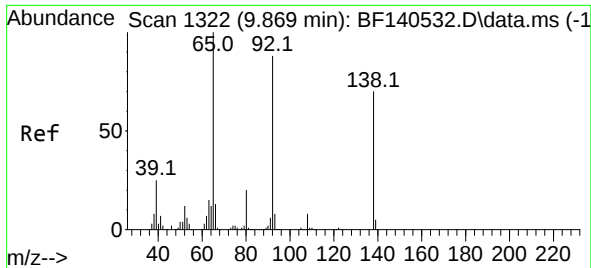
Tgt Ion:165 Resp: 83956
Ion Ratio Lower Upper
165 100
63 57.7 49.9 74.9
89 56.8 50.9 76.3



#52
Acenaphthene
Concen: 52.667 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:154 Resp: 332511
Ion Ratio Lower Upper
154 100
153 112.6 89.7 134.5
152 54.4 42.5 63.7

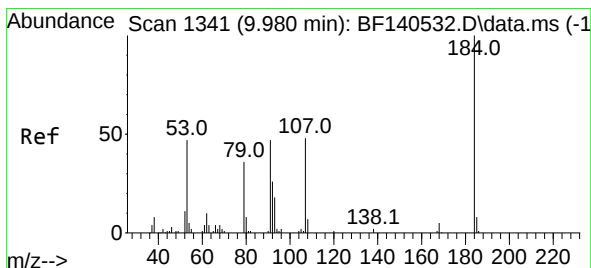
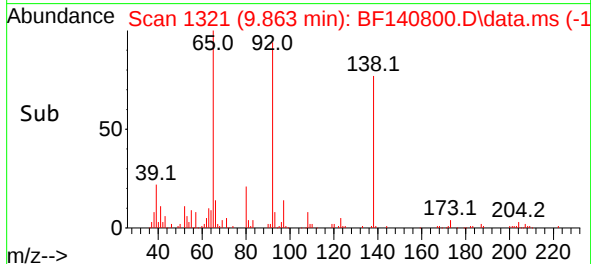
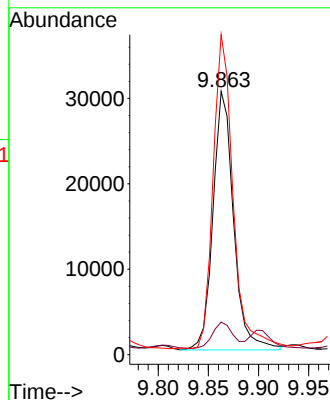
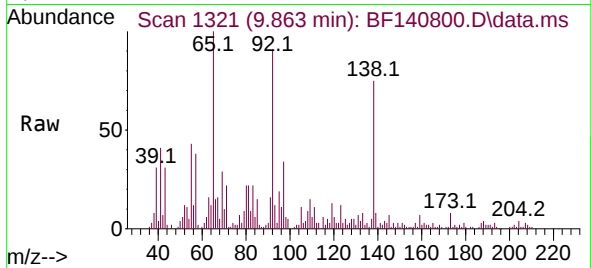




#53
3-Nitroaniline
Concen: 25.411 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

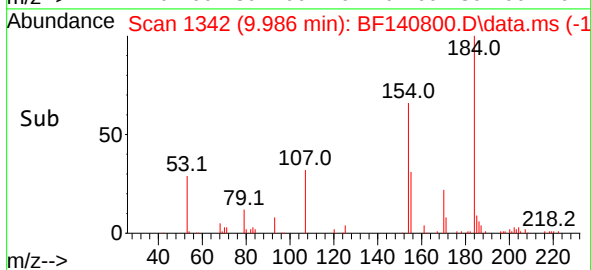
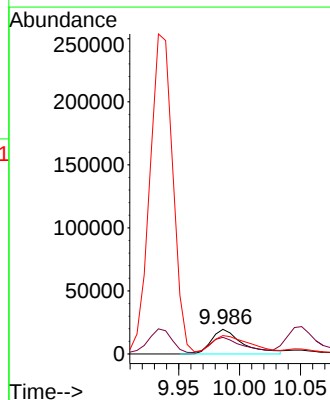
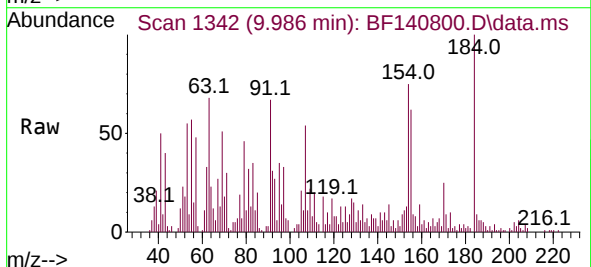
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

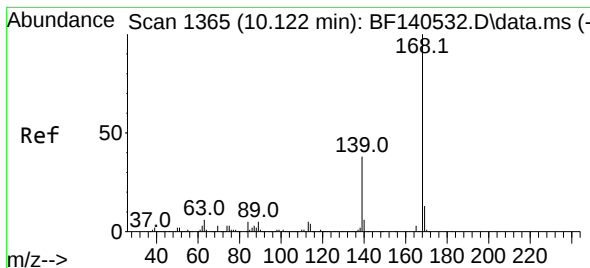
Tgt Ion:138 Resp: 43153
Ion Ratio Lower Upper
138 100
108 12.4 9.2 13.8
92 121.5 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 42.513 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:184 Resp: 34576
Ion Ratio Lower Upper
184 100
63 67.5 54.1 81.1
154 74.8 57.4 86.0





#55

Dibenzofuran

Concen: 50.773 ng

RT: 10.110 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

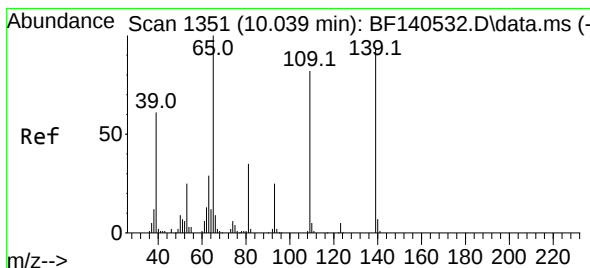
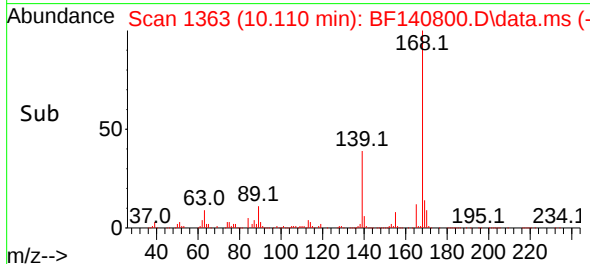
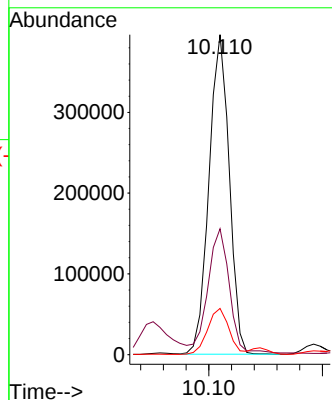
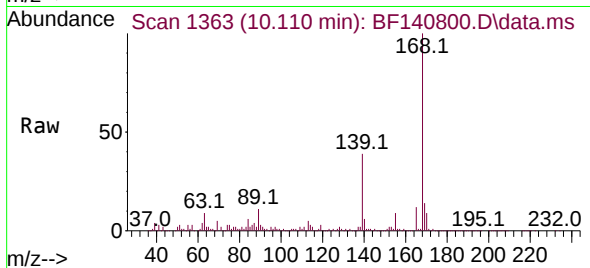
Tgt Ion:168 Resp: 488947

Ion Ratio Lower Upper

168 100

139 39.4 31.3 46.9

169 14.5 10.5 15.7



#56

4-Nitrophenol

Concen: 61.918 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

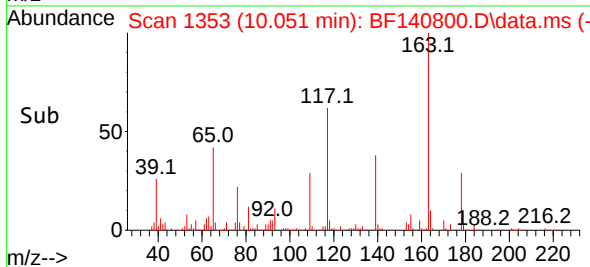
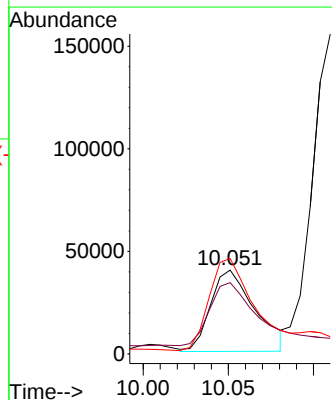
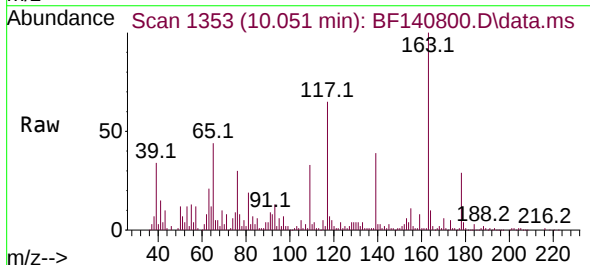
Tgt Ion:139 Resp: 71711

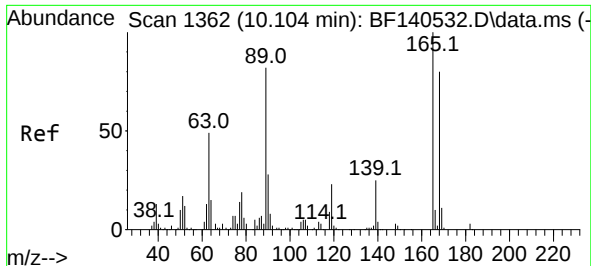
Ion Ratio Lower Upper

139 100

109 85.1 68.4 108.4

65 113.8 88.6 128.6

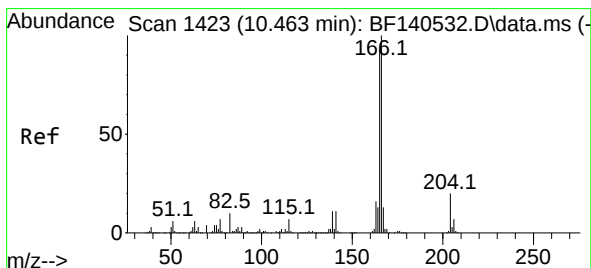
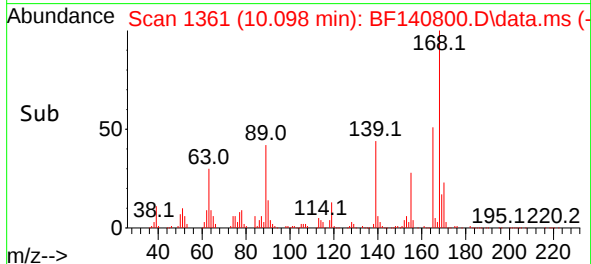
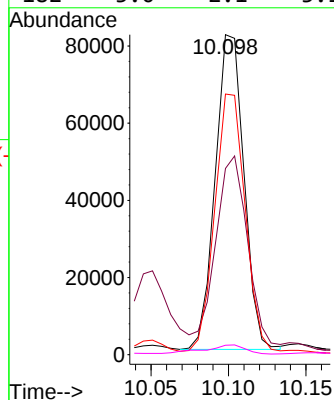
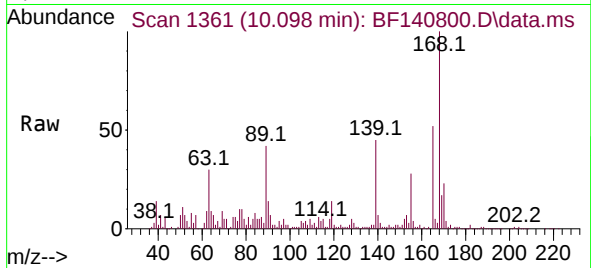




#57
2,4-Dinitrotoluene
Concen: 45.515 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

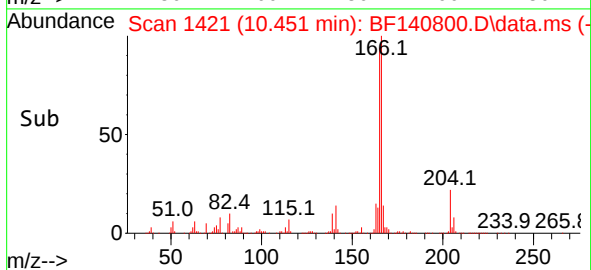
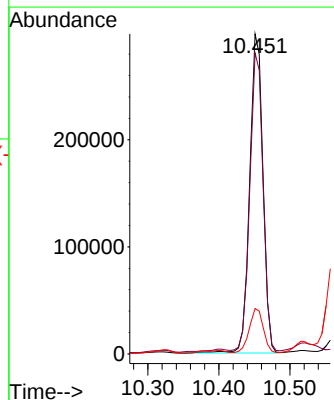
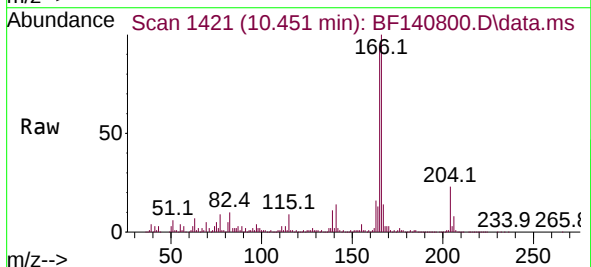
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

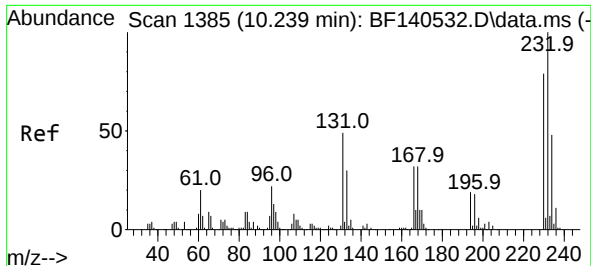
Tgt Ion:165 Resp: 105030
Ion Ratio Lower Upper
165 100
63 58.2 41.7 62.5
89 81.4 65.8 98.8
182 3.0 2.1 3.1



#58
Fluorene
Concen: 50.246 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:166 Resp: 388390
Ion Ratio Lower Upper
166 100
165 94.0 74.6 111.8
167 14.2 10.6 16.0

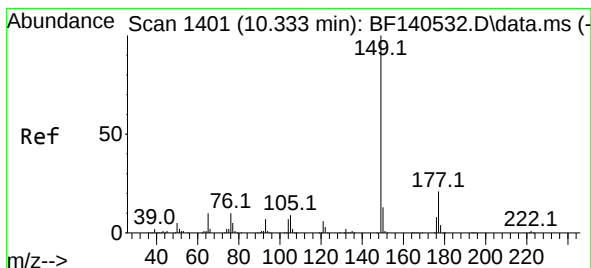
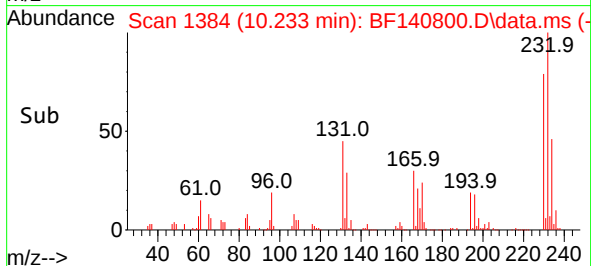
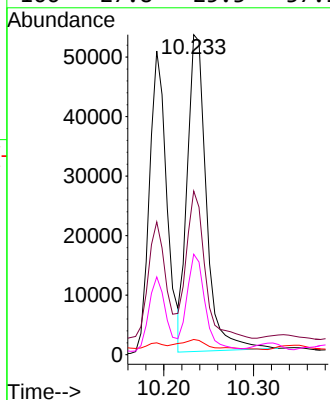
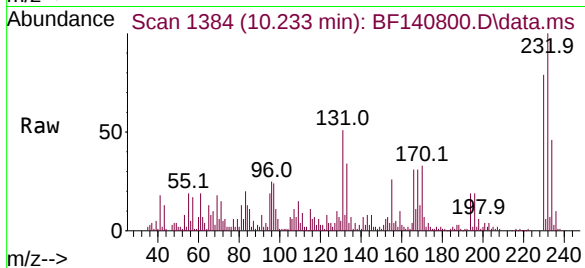




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.191 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

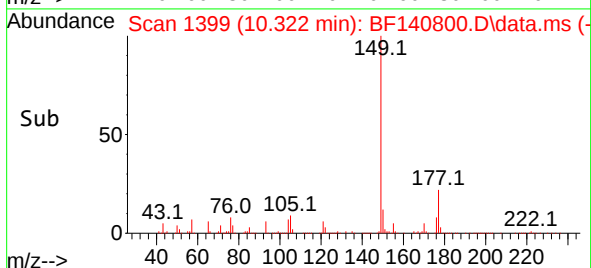
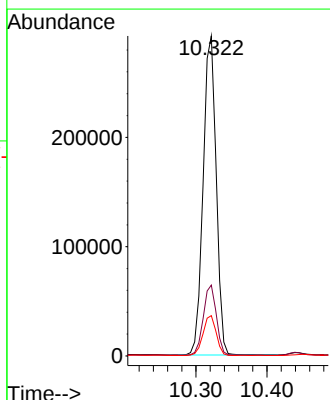
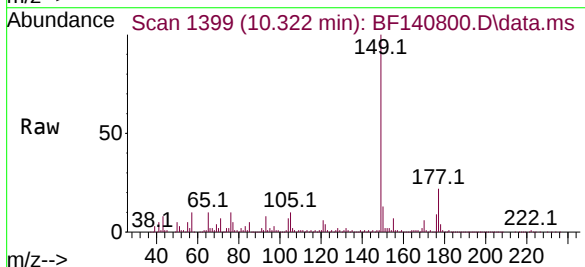
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

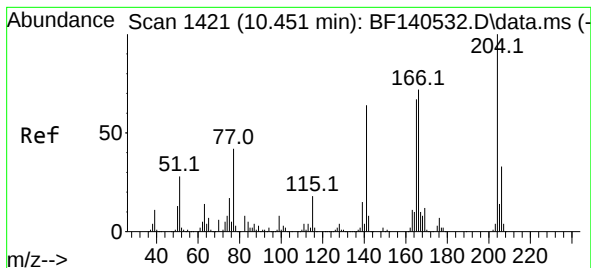
Tgt Ion:232 Resp: 78708
Ion Ratio Lower Upper
232 100
131 52.4 39.6 59.4
130 3.2 1.9 2.9#
166 27.8 25.3 37.9



#60
Diethylphthalate
Concen: 48.049 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:149 Resp: 373744
Ion Ratio Lower Upper
149 100
177 22.2 17.1 25.7
150 12.6 10.1 15.1

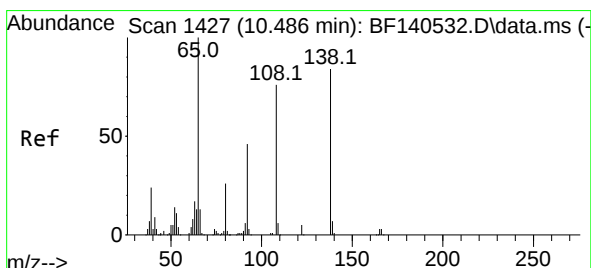
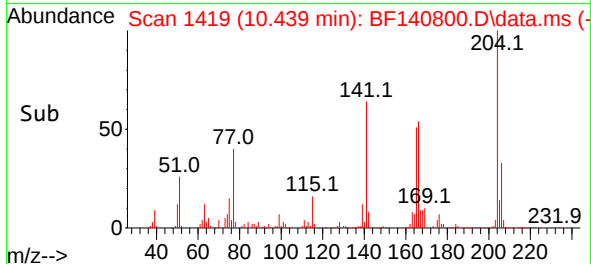
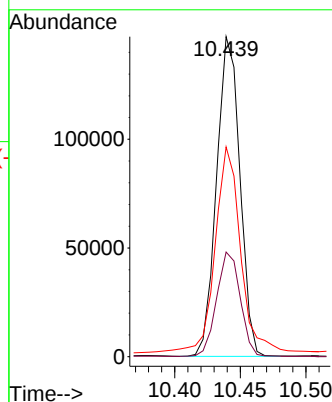
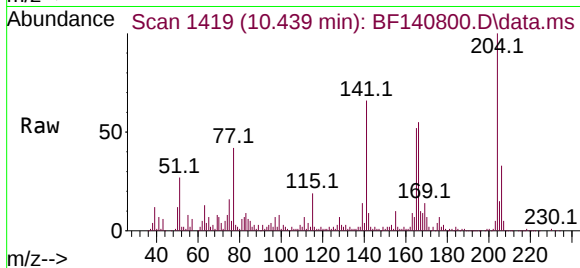




#61
4-Chlorophenyl-phenylether
Concen: 47.861 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

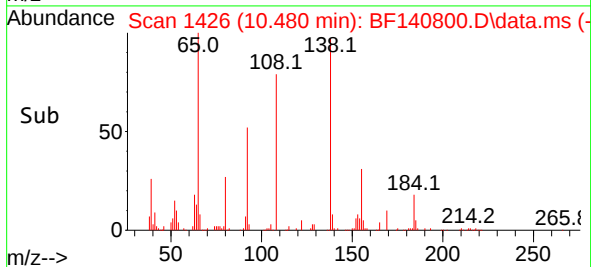
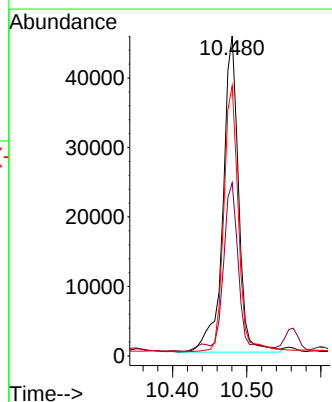
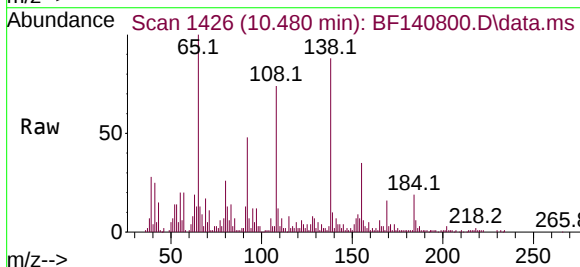
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

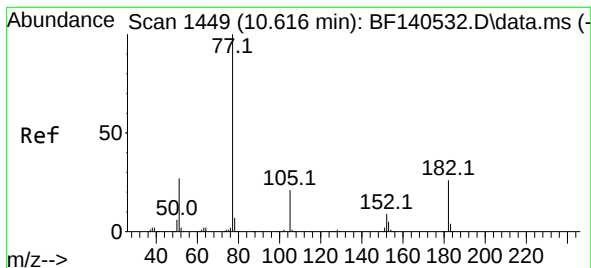
Tgt Ion:204 Resp: 181556
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 65.6 51.1 76.7



#62
4-Nitroaniline
Concen: 37.289 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:138 Resp: 66414
Ion Ratio Lower Upper
138 100
92 54.1 34.5 74.5
108 84.5 70.6 110.6





#63

Azobenzene

Concen: 49.685 ng

RT: 10.604 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

Tgt Ion: 77 Resp: 365990

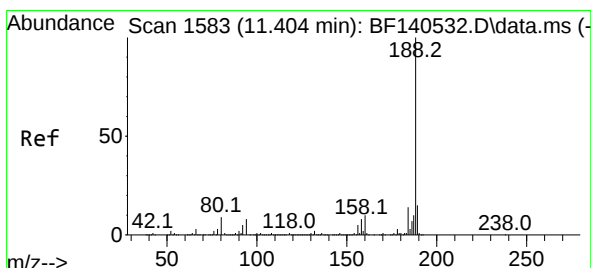
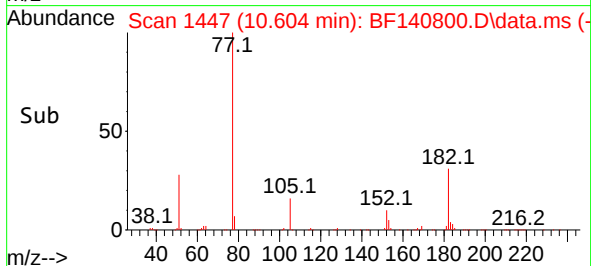
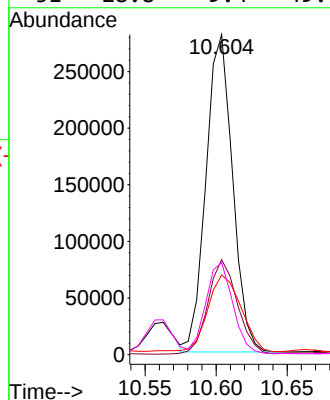
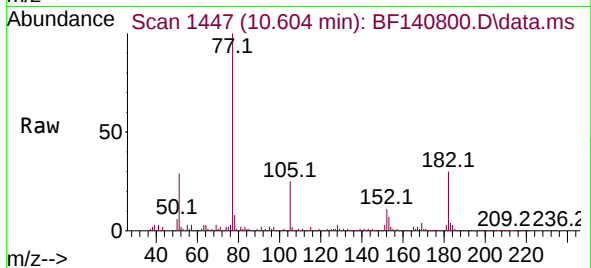
Ion Ratio Lower Upper

77 100

182 29.7 5.3 45.3

105 24.9 0.3 40.3

51 28.8 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

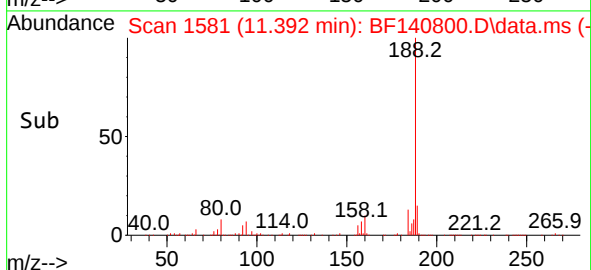
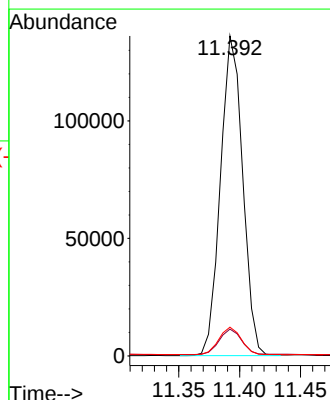
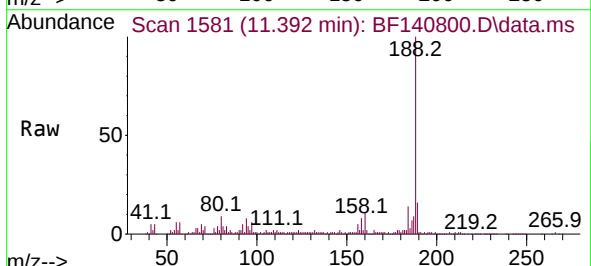
Tgt Ion: 188 Resp: 172929

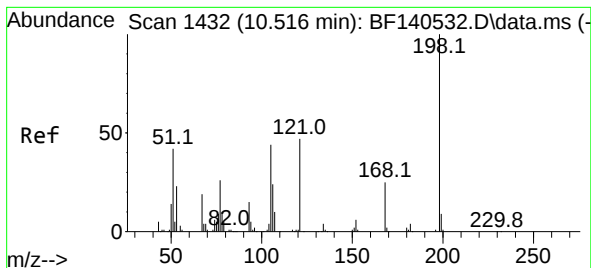
Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.0 6.9 10.3

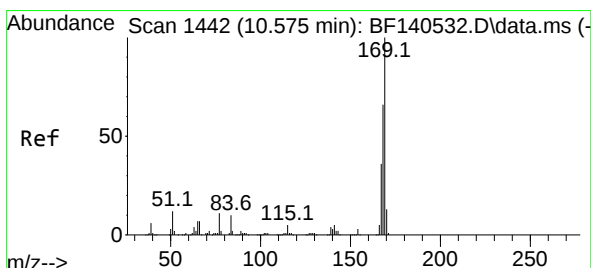
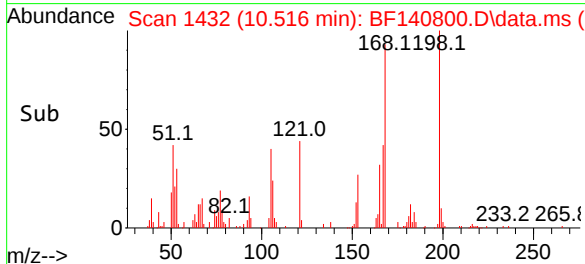
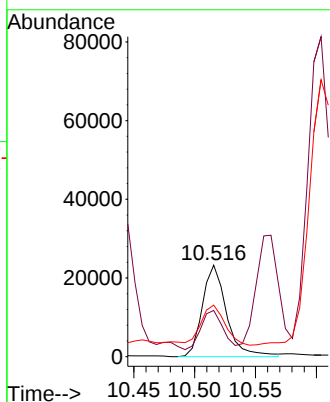
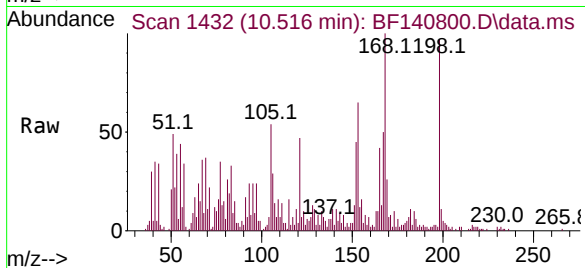




#65
4,6-Dinitro-2-methylphenol
Concen: 36.422 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

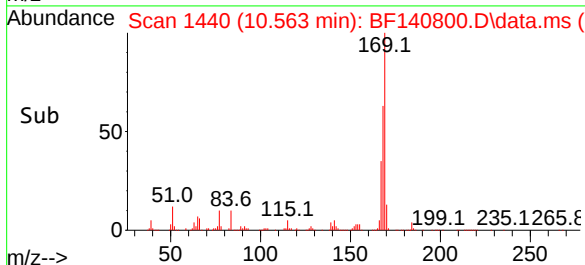
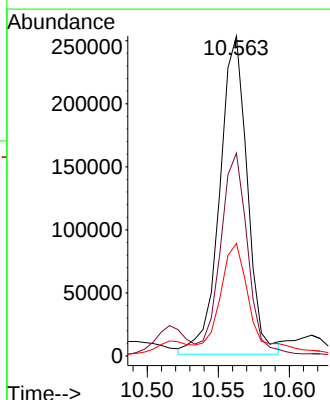
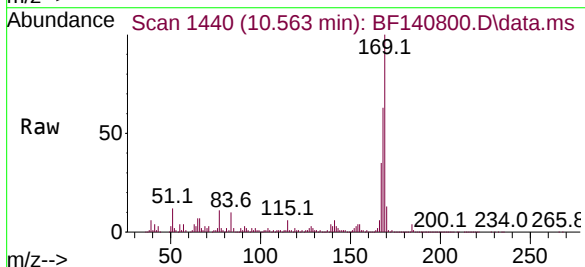
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

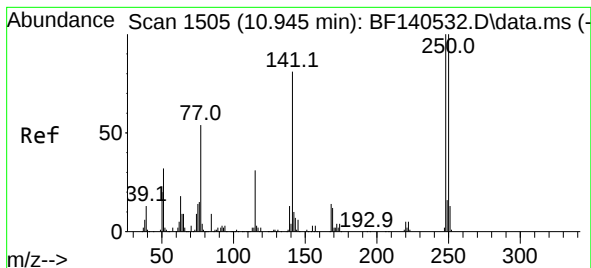
Tgt Ion:198 Resp: 32185
Ion Ratio Lower Upper
198 100
51 50.5 29.4 69.4
105 56.3 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 66.825 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

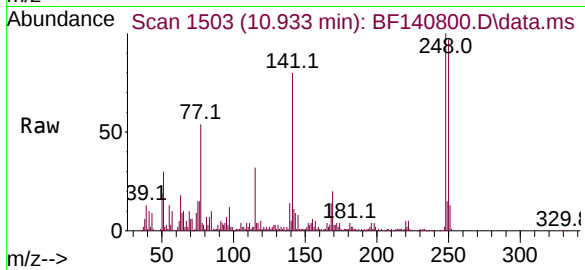
Tgt Ion:169 Resp: 341738
Ion Ratio Lower Upper
169 100
168 63.4 53.2 79.8
167 35.2 29.0 43.6



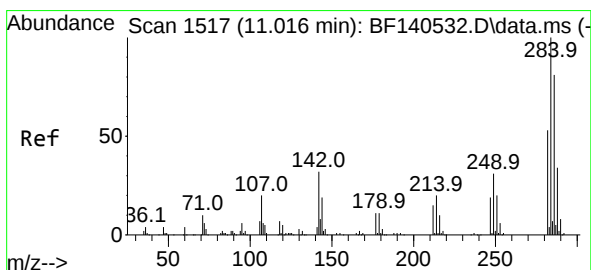
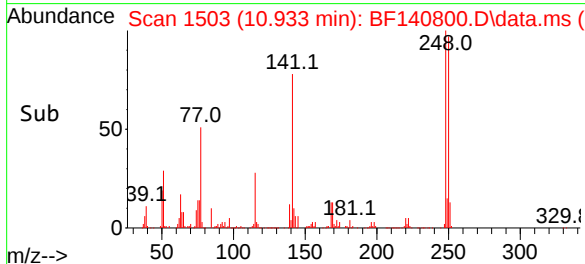
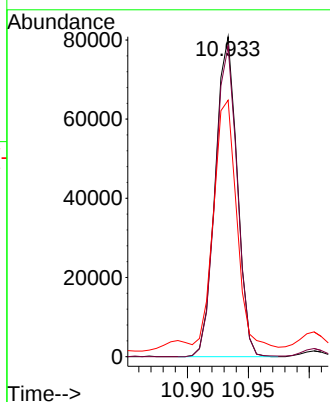


#67
4-Bromophenyl-phenylether
Concen: 56.782 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

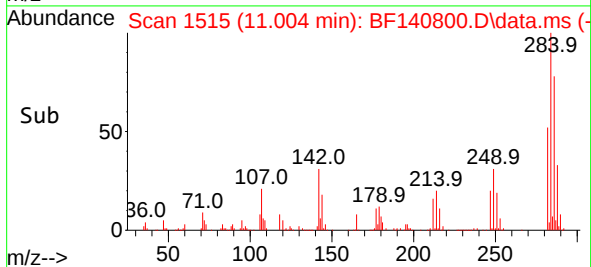
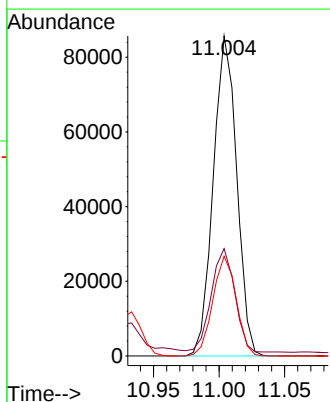
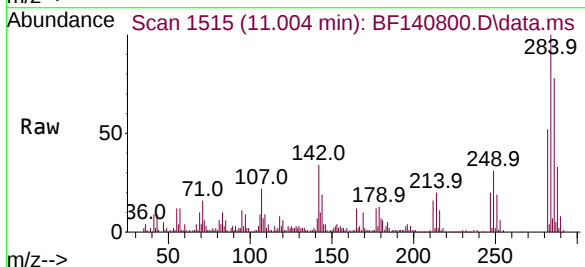


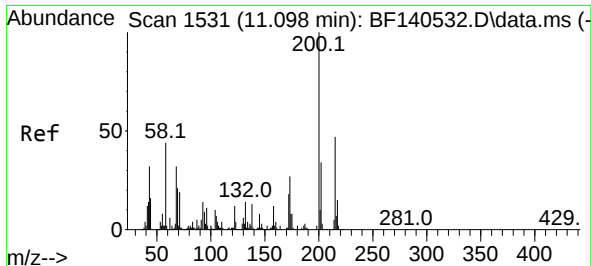
Tgt Ion:248 Resp: 101123
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 80.2 64.7 97.1



#68
Hexachlorobenzene
Concen: 51.589 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:284 Resp: 106383
Ion Ratio Lower Upper
284 100
142 33.5 25.3 37.9
249 31.2 24.8 37.2

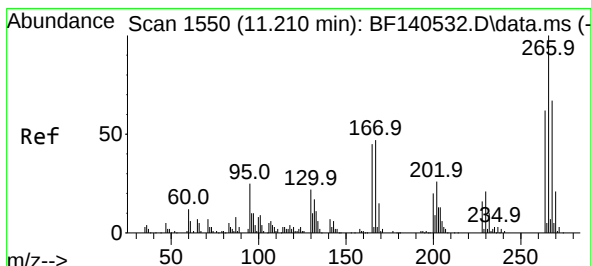
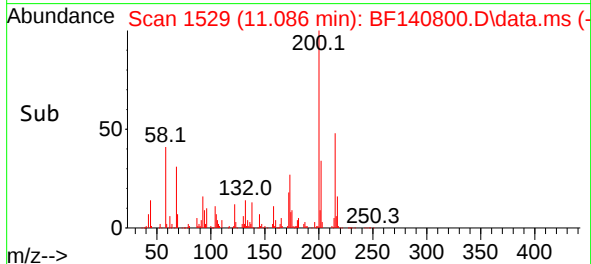
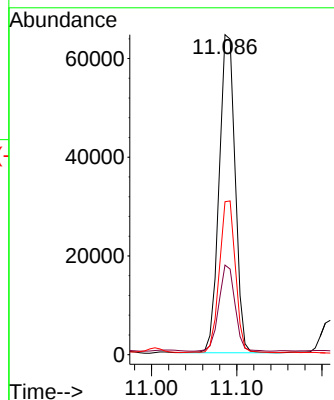
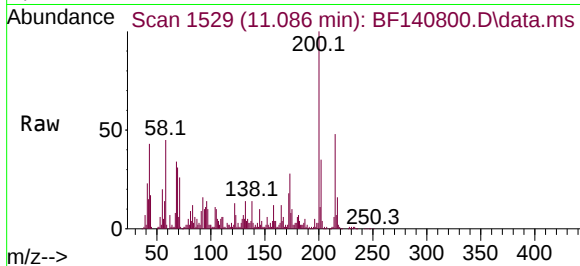




#69
 Atrazine
 Concen: 58.600 ng
 RT: 11.086 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF140800.D
 Acq: 10 Dec 2024 12:21

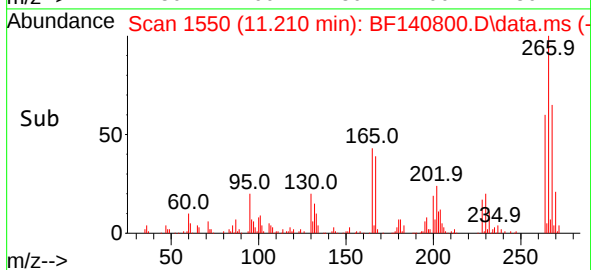
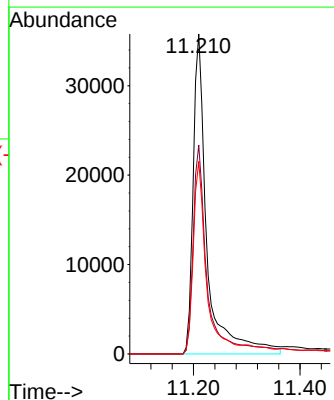
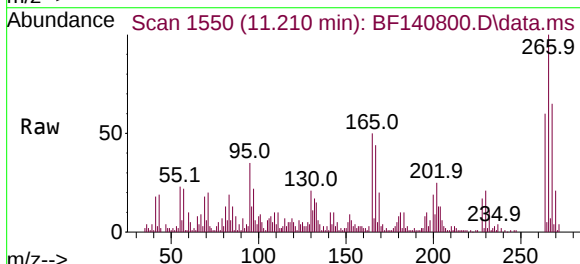
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

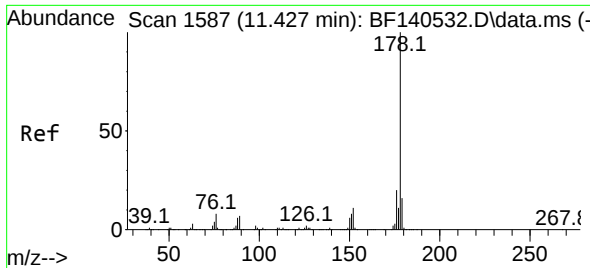
Tgt Ion:200 Resp: 84305
 Ion Ratio Lower Upper
 200 100
 173 28.0 7.0 47.0
 215 47.8 26.7 66.7



#70
 Pentachlorophenol
 Concen: 71.695 ng
 RT: 11.210 min Scan# 1550
 Delta R.T. -0.000 min
 Lab File: BF140800.D
 Acq: 10 Dec 2024 12:21

Tgt Ion:266 Resp: 65069
 Ion Ratio Lower Upper
 266 100
 268 65.3 53.7 80.5
 264 60.2 49.8 74.8

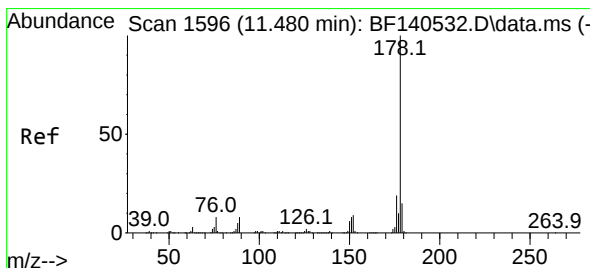
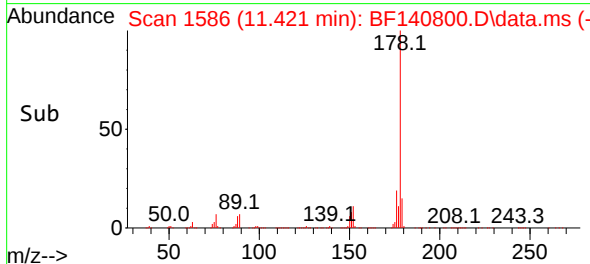
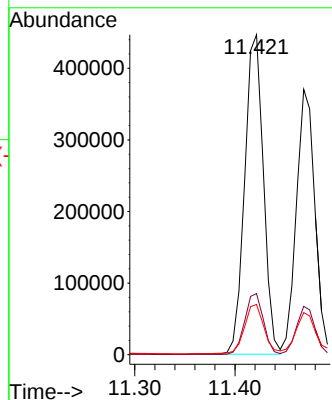
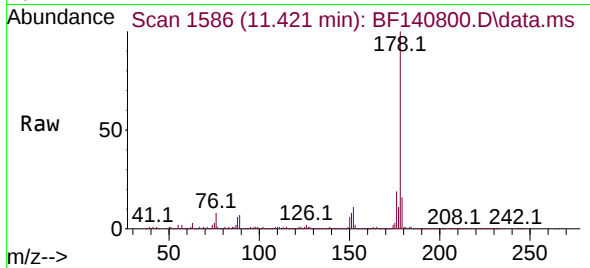




#71
Phenanthrene
Concen: 69.866 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

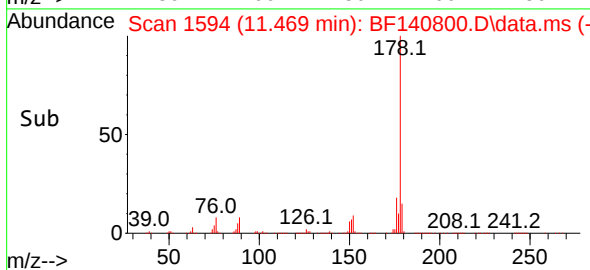
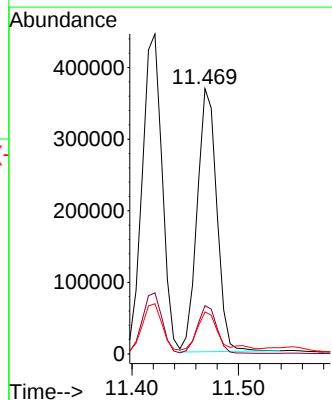
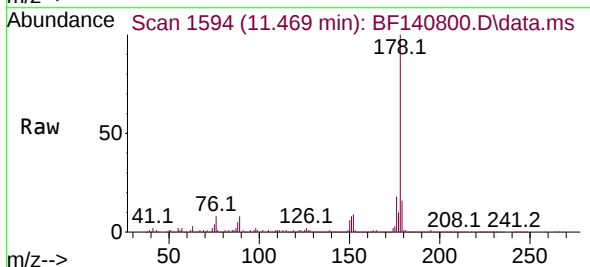
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

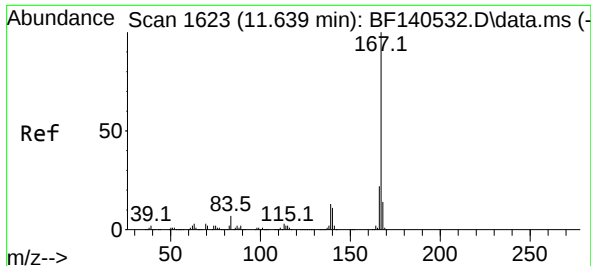
Tgt Ion:178 Resp: 580762
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.7 12.4 18.6



#72
Anthracene
Concen: 57.801 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.012 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

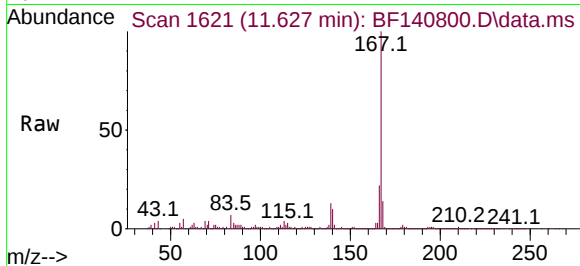
Tgt Ion:178 Resp: 469994
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.9 12.2 18.4



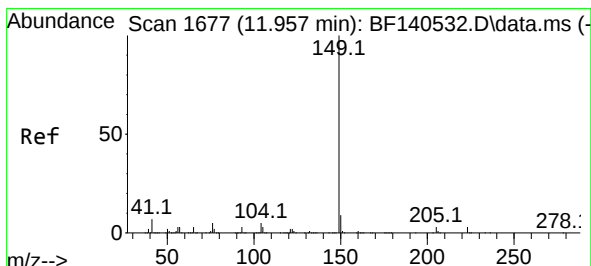
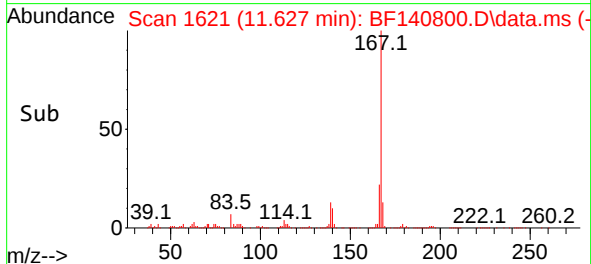
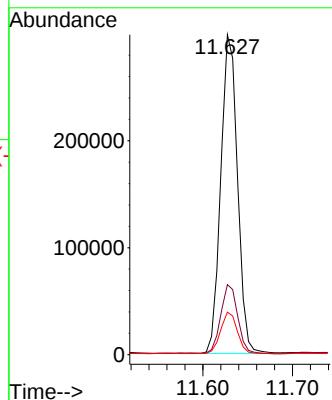


#73
 Carbazole
 Concen: 49.285 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.012 min
 Lab File: BF140800.D
 Acq: 10 Dec 2024 12:21

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

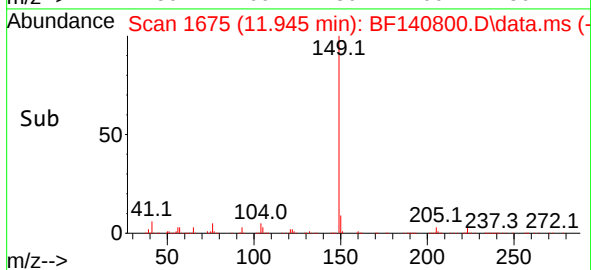
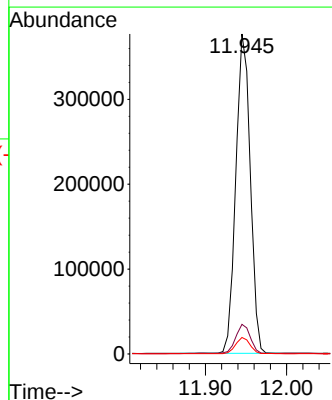
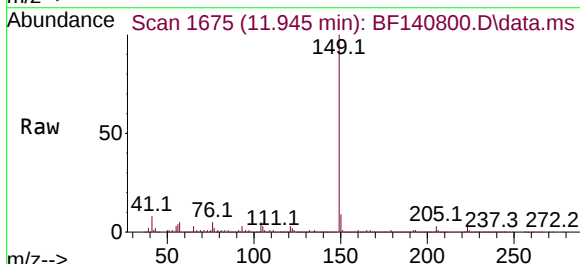


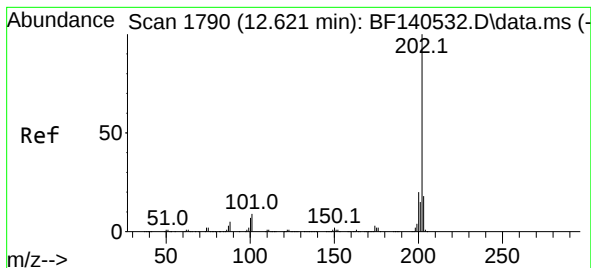
Tgt Ion:167 Resp: 385520
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.3 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 51.316 ng
 RT: 11.945 min Scan# 1675
 Delta R.T. -0.012 min
 Lab File: BF140800.D
 Acq: 10 Dec 2024 12:21

Tgt Ion:149 Resp: 463427
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 81.125 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

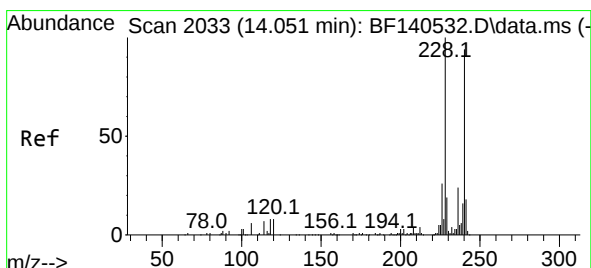
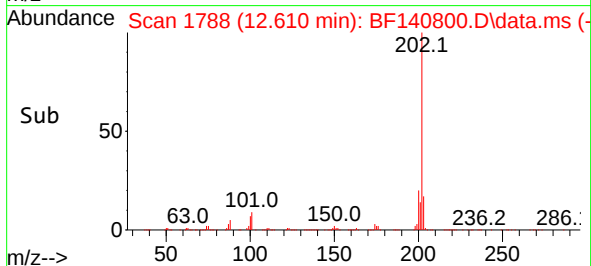
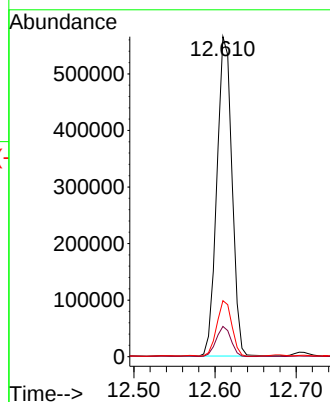
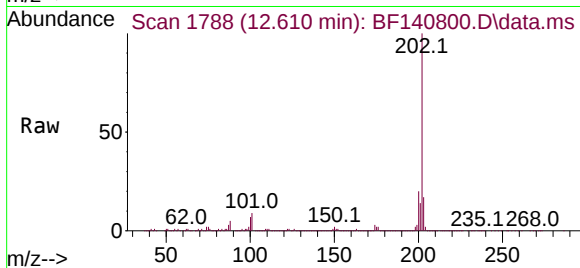
Tgt Ion:202 Resp: 732175

Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.9

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

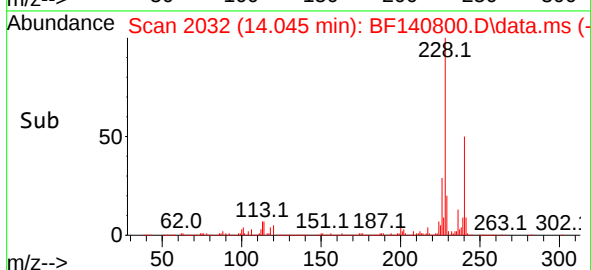
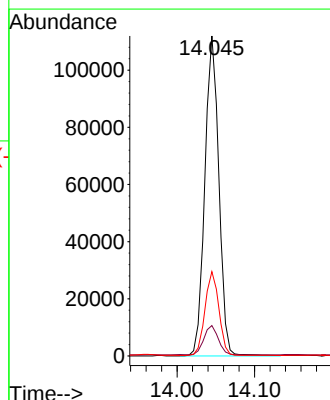
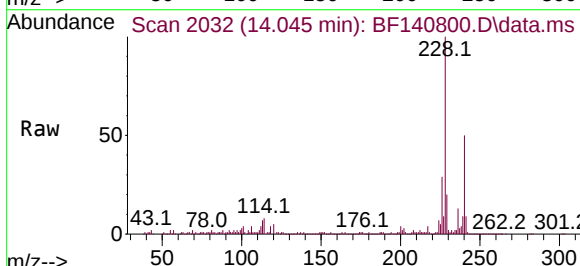
Tgt Ion:240 Resp: 140905

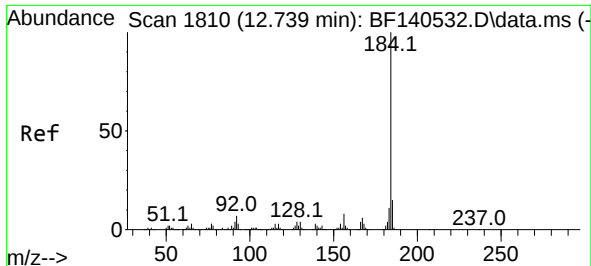
Ion Ratio Lower Upper

240 100

120 9.5 7.3 10.9

236 26.4 20.6 31.0

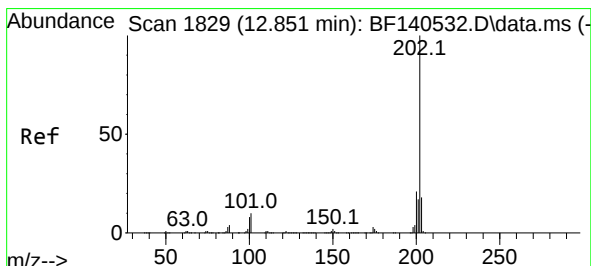
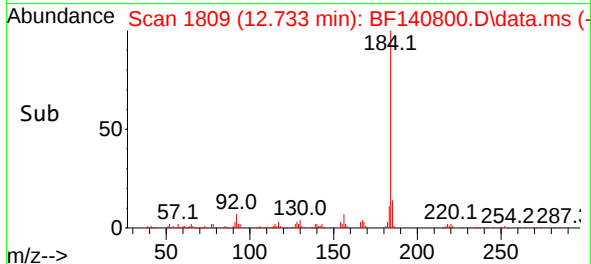
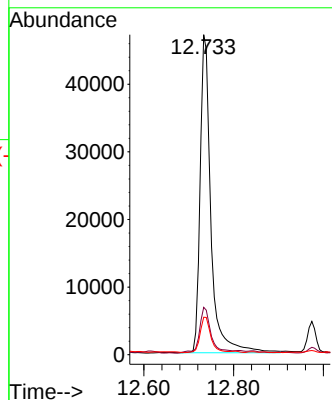
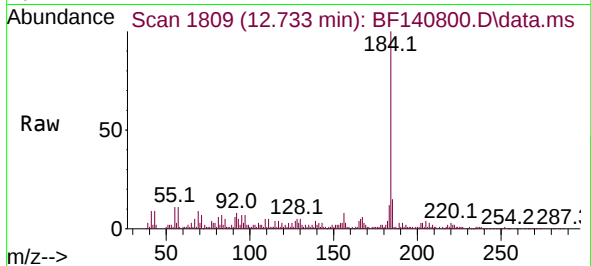




#77
Benzidine
Concen: 19.147 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

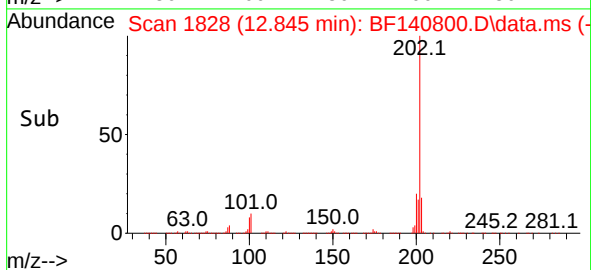
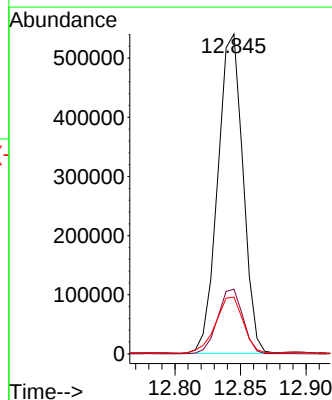
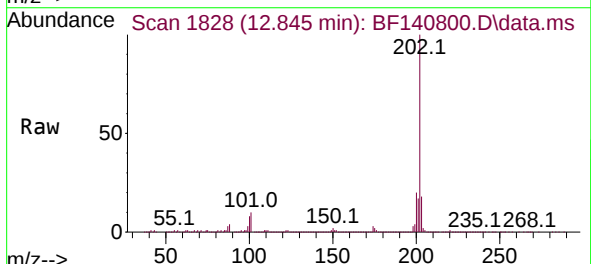
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

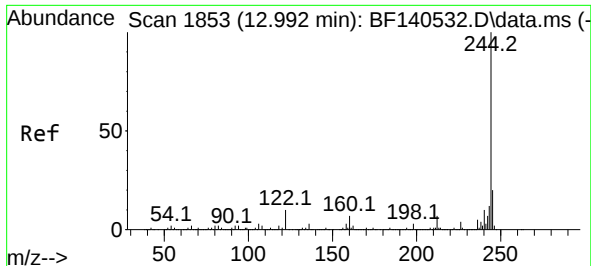
Tgt Ion:184 Resp: 78439
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 11.7 8.8 13.2



#78
Pyrene
Concen: 55.425 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:202 Resp: 722099
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 17.8 14.2 21.4

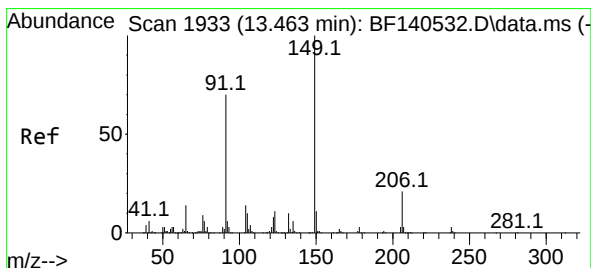
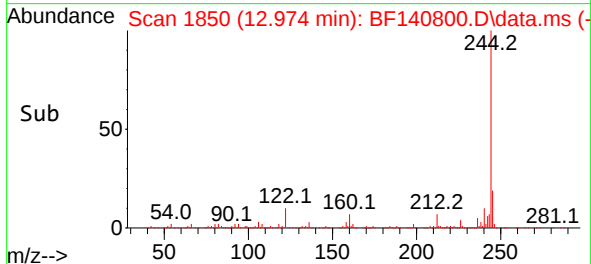
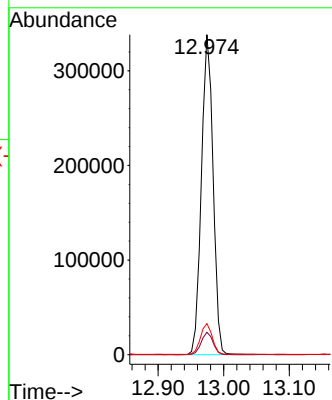
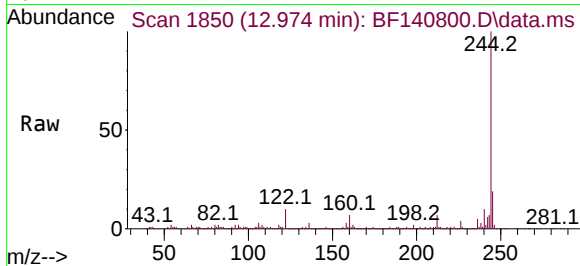




#79
 Terphenyl-d14
 Concen: 46.435 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF140800.D
 Acq: 10 Dec 2024 12:21

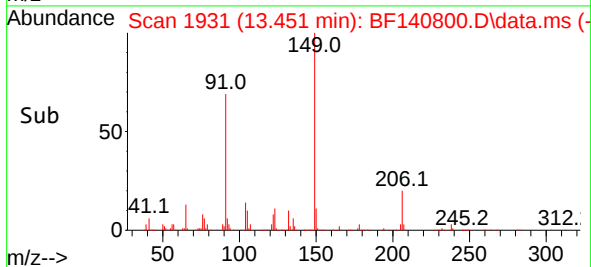
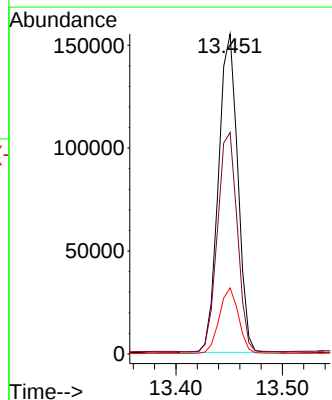
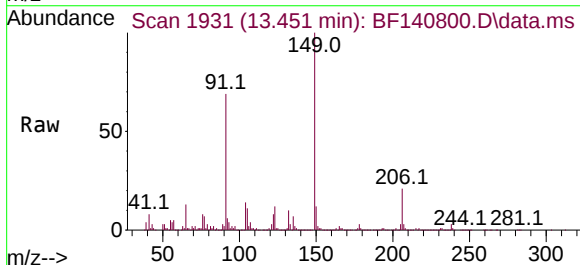
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

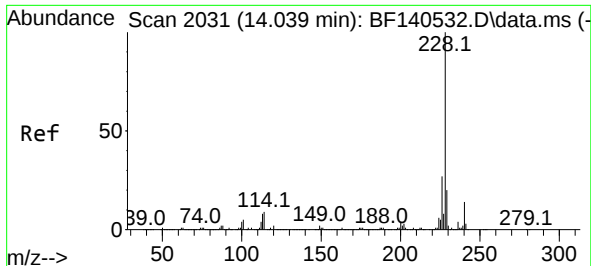
Tgt Ion:244 Resp: 420189
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.7 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 41.376 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF140800.D
 Acq: 10 Dec 2024 12:21

Tgt Ion:149 Resp: 194194
 Ion Ratio Lower Upper
 149 100
 91 69.2 56.2 84.2
 206 20.6 16.4 24.6

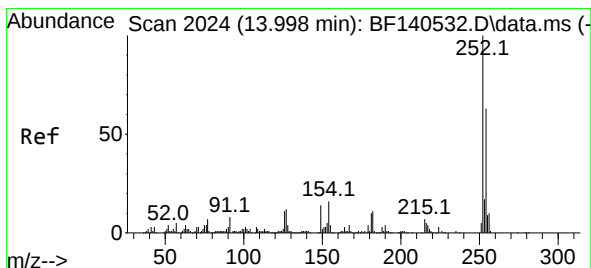
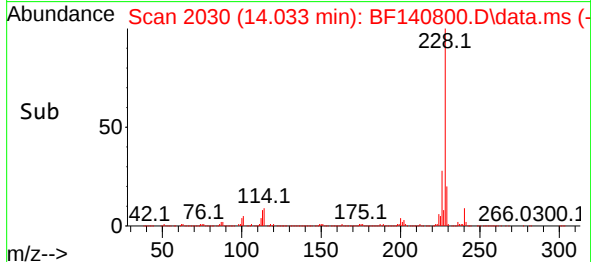
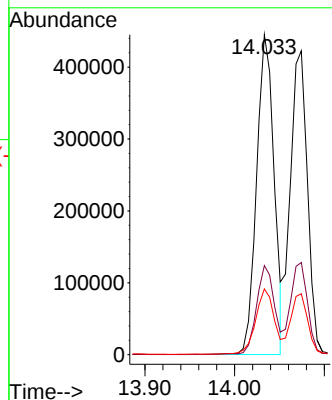
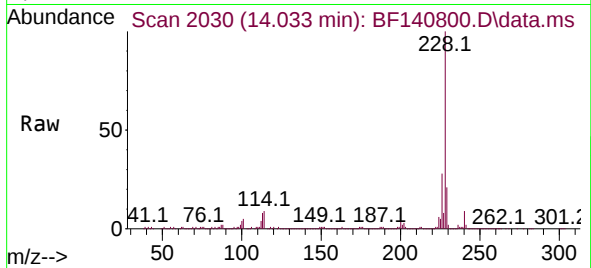




#81
Benzo(a)anthracene
Concen: 64.542 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

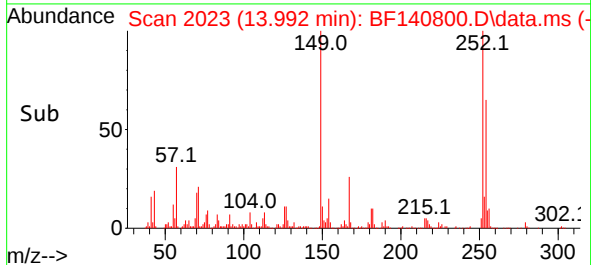
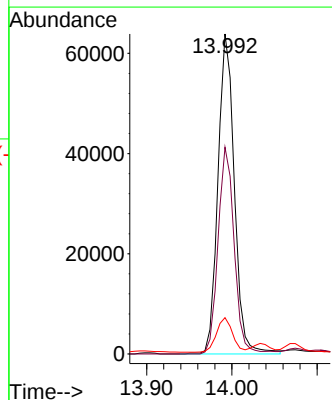
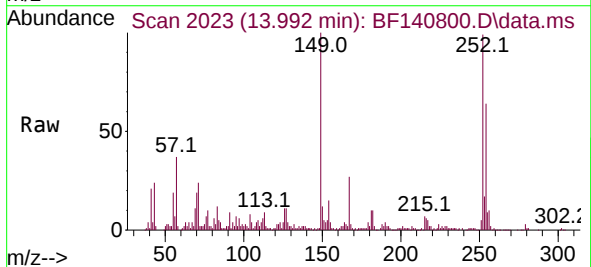
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

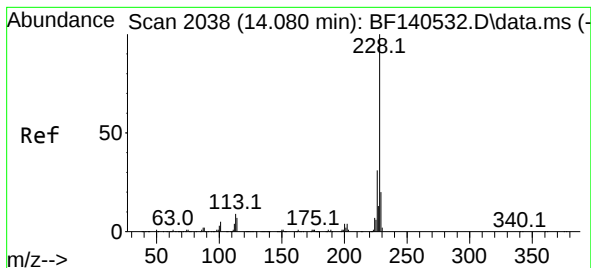
Tgt Ion:228 Resp: 602008
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 20.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 30.536 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:252 Resp: 85514
Ion Ratio Lower Upper
252 100
254 64.6 50.8 76.2
126 11.4 8.6 13.0





#83

Chrysene

Concen: 65.527 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

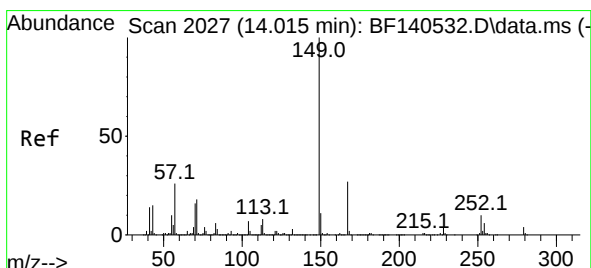
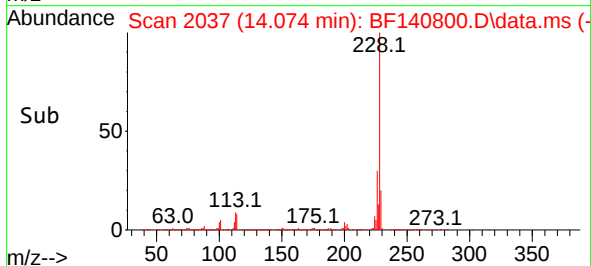
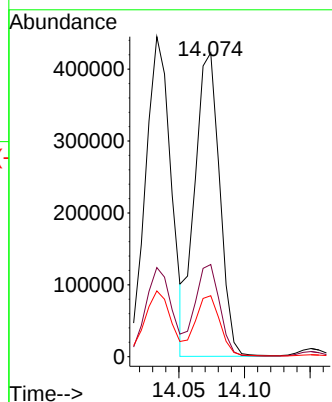
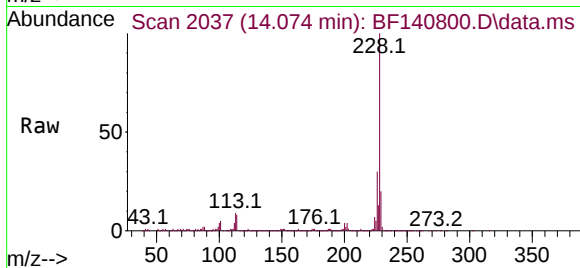
Tgt Ion:228 Resp: 558868

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.698 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

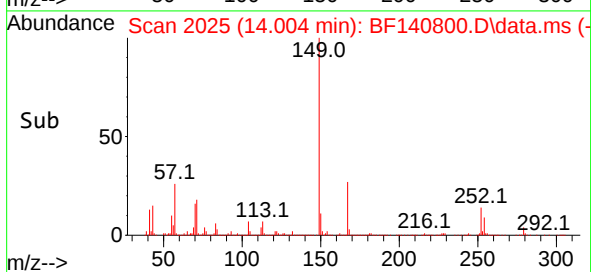
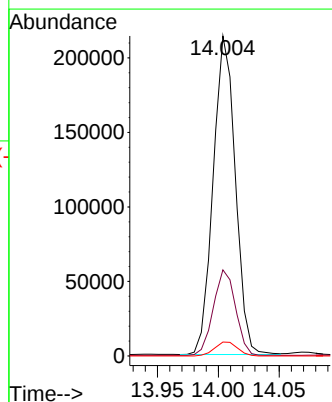
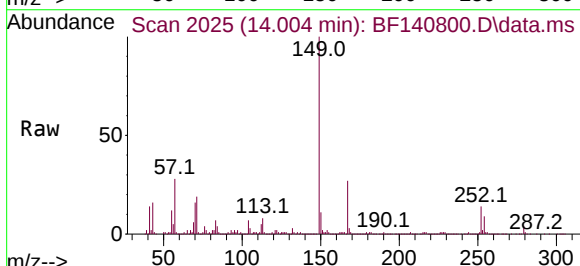
Tgt Ion:149 Resp: 270824

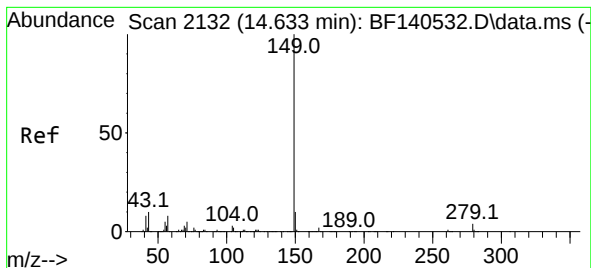
Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 60.446 ng

RT: 14.627 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

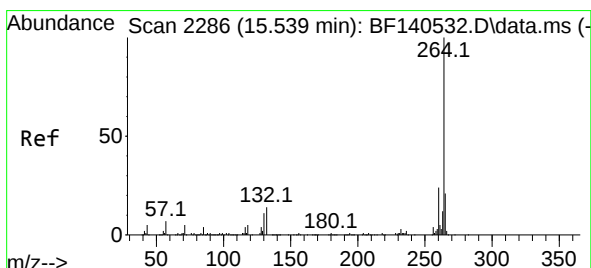
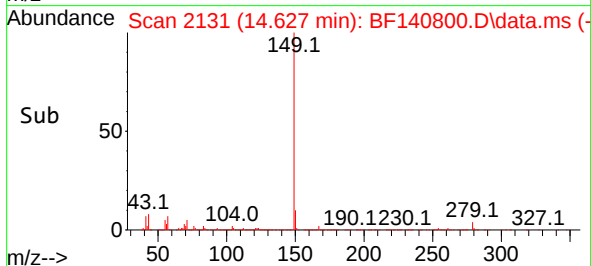
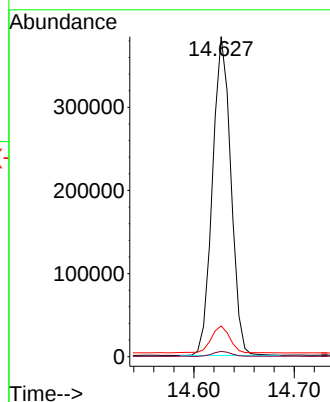
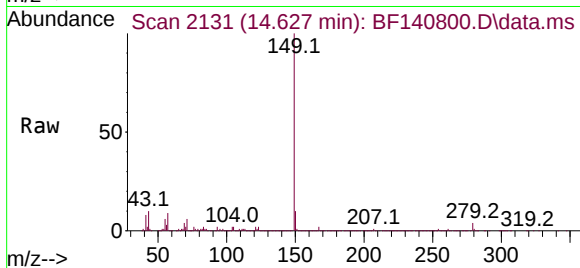
Tgt Ion:149 Resp: 489557

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.2 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.000 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

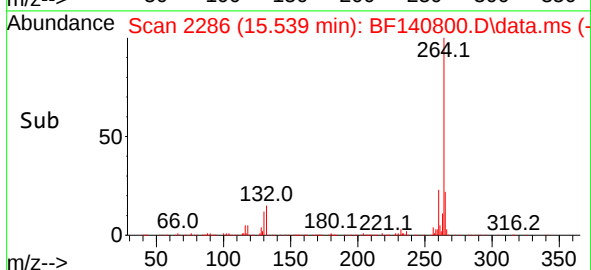
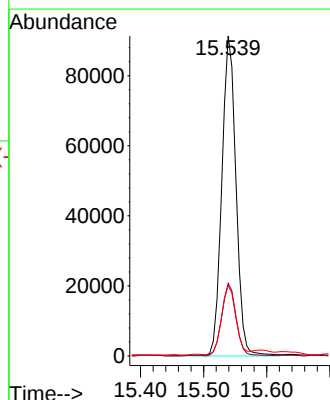
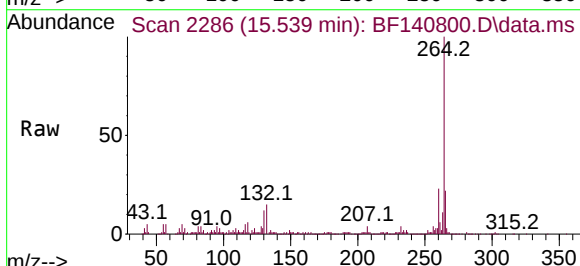
Tgt Ion:264 Resp: 142526

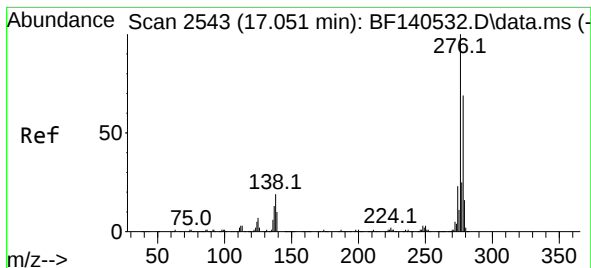
Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.6

265 22.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.660 ng

RT: 17.056 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

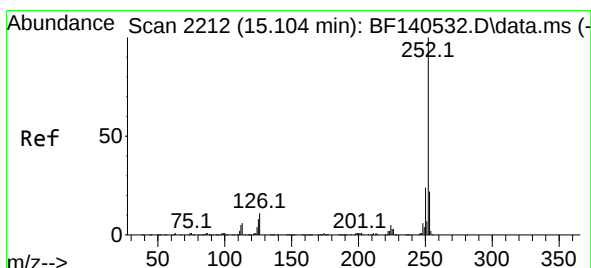
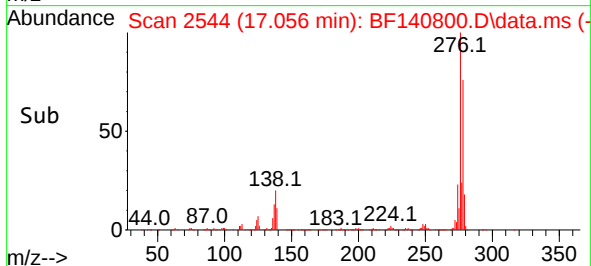
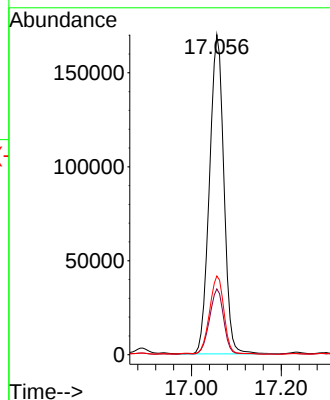
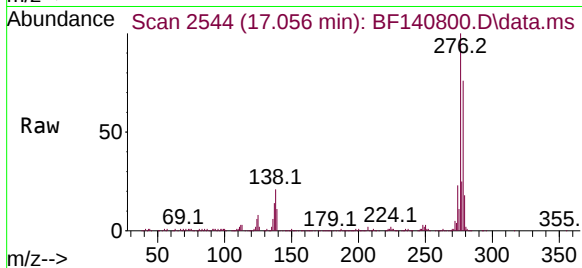
Tgt Ion:276 Resp: 377663

Ion Ratio Lower Upper

276 100

138 20.1 15.5 23.3

277 24.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 73.609 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BF140800.D

Acq: 10 Dec 2024 12:21

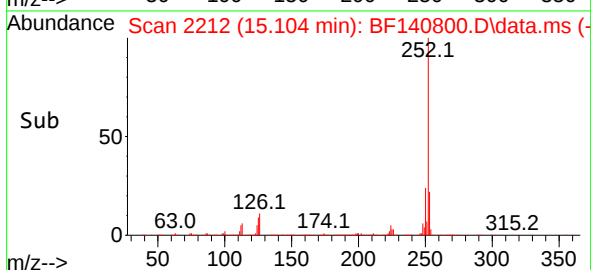
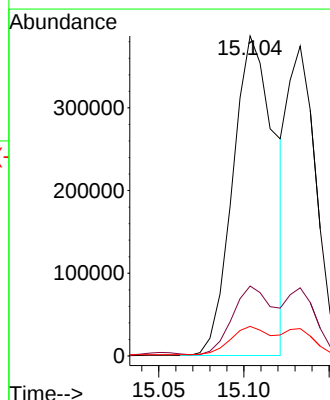
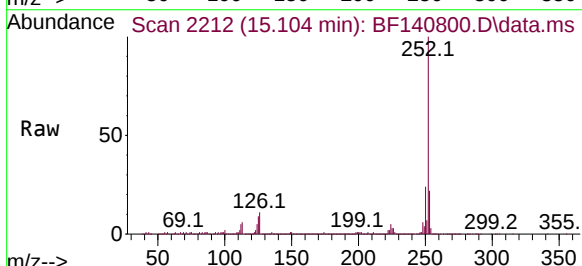
Tgt Ion:252 Resp: 658967

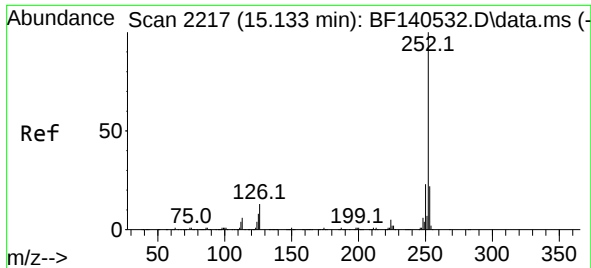
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.2 6.7 10.1

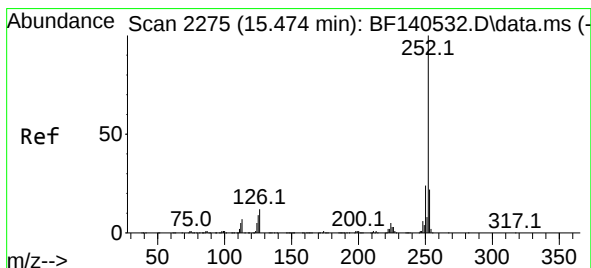
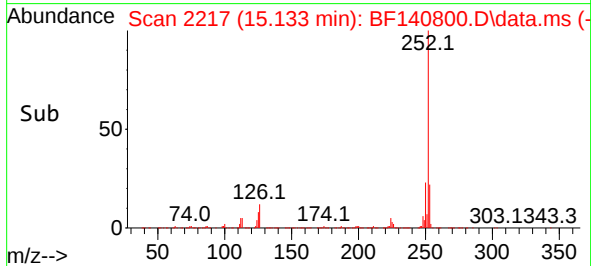
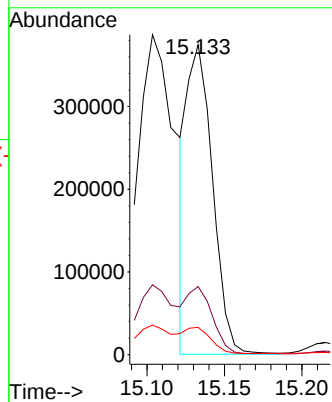
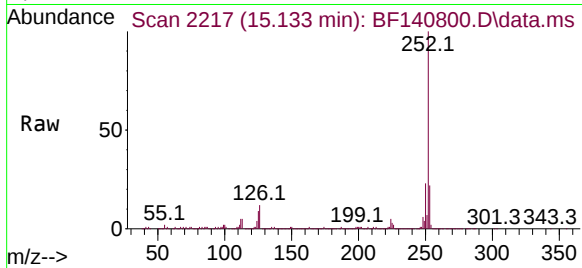




#89
Benzo(k)fluoranthene
Concen: 55.318 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

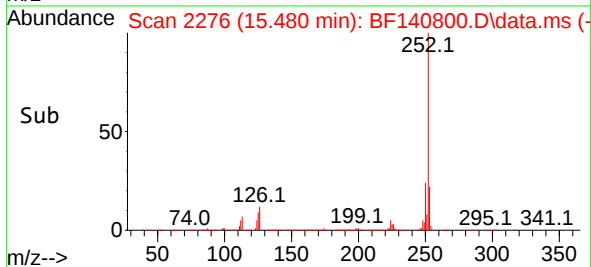
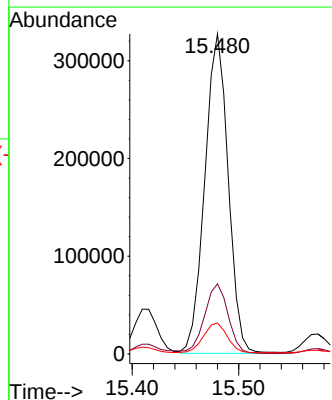
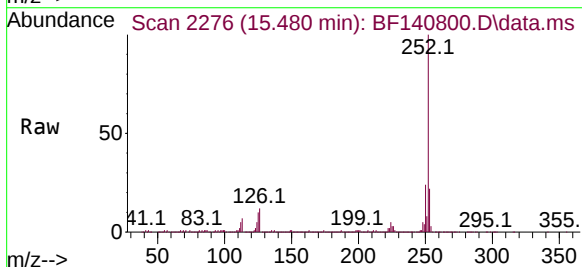
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

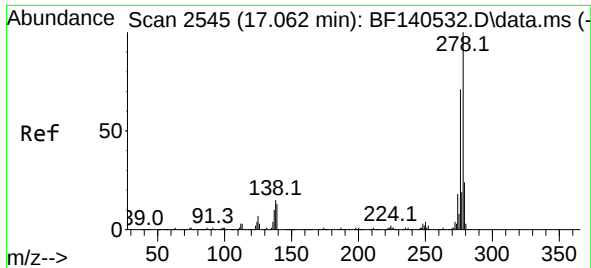
Tgt Ion:252 Resp: 433363
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.8 6.5 9.7



#90
Benzo(a)pyrene
Concen: 68.639 ng
RT: 15.480 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:252 Resp: 499620
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.6 7.0 10.6

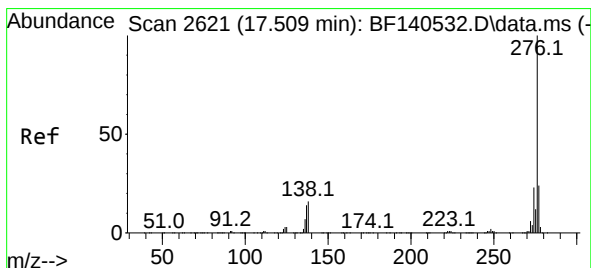
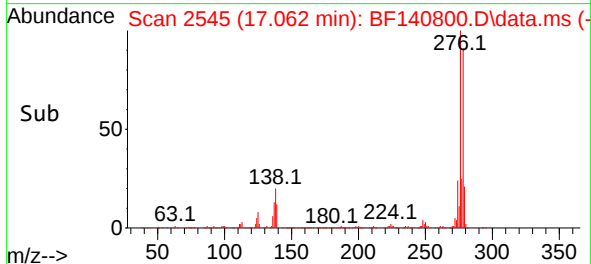
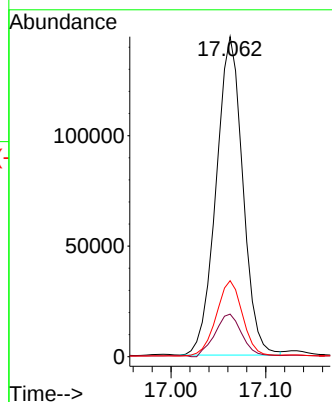
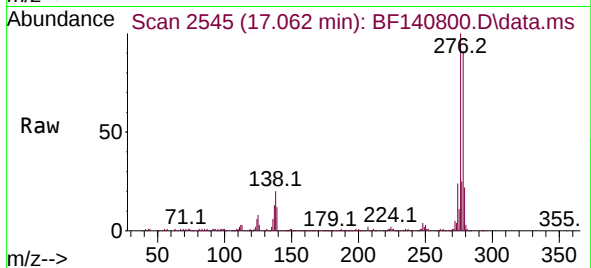




#91
Dibenzo(a,h)anthracene
Concen: 37.112 ng
RT: 17.062 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tgt Ion:278 Resp: 282304
Ion Ratio Lower Upper
278 100
139 13.3 10.2 15.4
279 23.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 35.391 ng
RT: 17.509 min Scan# 2621
Delta R.T. -0.000 min
Lab File: BF140800.D
Acq: 10 Dec 2024 12:21

Tgt Ion:276 Resp: 274717
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 18.2 13.2 19.8

