

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140808.D
 Acq On : 10 Dec 2024 16:16
 Operator : RC/JU
 Sample : P5174-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

Quant Time: Dec 10 18:08:19 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	88459	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	327477	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	185727	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	295264	20.000	ng	0.00
76) Chrysene-d12	14.051	240	155692	20.000	ng	0.00
86) Perylene-d12	15.562	264	112566	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	671271	129.476	ng	0.03
7) Phenol-d6	6.522	99	809406	118.091	ng	0.00
23) Nitrobenzene-d5	7.434	82	598158	93.429	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	253421	127.580	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1176614	94.391	ng	-0.01
79) Terphenyl-d14	12.980	244	830411	83.052	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	79894	36.652	ng	# 83
3) Pyridine	3.610	79	136154	28.388	ng	99
4) n-Nitrosodimethylamine	3.498	42	111957	39.718	ng	# 90
8) 2-Chlorophenol	6.663	128	262360	47.037	ng	95
9) Benzaldehyde	6.422	77	39741	10.953	ng	99
10) Phenol	6.539	94	284093	40.586	ng	83
11) bis(2-Chloroethyl)ether	6.604	93	244227	45.595	ng	98
12) 1,3-Dichlorobenzene	6.804	146	252531	40.293	ng	99
13) 1,4-Dichlorobenzene	6.881	146	256388	40.401	ng	99
14) 1,2-Dichlorobenzene	7.034	146	246085	41.383	ng	99
15) Benzyl Alcohol	7.022	79	229716	45.194	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	296591	46.870	ng	65
17) 2-Methylphenol	7.134	107	203622	45.605	ng	93
18) Hexachloroethane	7.369	117	96432	40.686	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	195505	48.264	ng	98
20) 3+4-Methylphenols	7.292	107	274061	47.754	ng	# 68
22) Acetophenone	7.281	105	373644	46.801	ng	93
24) Nitrobenzene	7.451	77	288761	43.640	ng	98
25) Isophorone	7.698	82	526163	49.273	ng	99
26) 2-Nitrophenol	7.769	139	145036	49.461	ng	93
27) 2,4-Dimethylphenol	7.810	122	220044m	62.718	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	319752	49.152	ng	100
29) 2,4-Dichlorophenol	8.022	162	229991	49.471	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	233204	43.934	ng	99
31) Naphthalene	8.169	128	782073	46.364	ng	99
32) Benzoic acid	7.957	122	125167	42.046	ng	98
34) Hexachlorobutadiene	8.275	225	152334	43.328	ng	99
35) Caprolactam	8.639	113	50427	35.050	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	243594	46.799	ng	98
37) 2-Methylnaphthalene	8.857	142	536694	50.094	ng	100
38) 1-Methylnaphthalene	8.957	142	500945	47.701	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	265947	48.913	ng	99
41) Hexachlorocyclopentadiene	9.004	237	119134	95.886	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	170288	49.912	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	176166	47.577	ng	98
46) 1,1'-Biphenyl	9.322	154	683693	49.305	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.351	162	505833	48.143	ng	98
48) 2-Nitroaniline	9.457	65	139128	41.253	ng	97
49) Acenaphthylene	9.769	152	813563	51.247	ng	100
50) Dimethylphthalate	9.628	163	603349	49.326	ng	100
51) 2,6-Dinitrotoluene	9.698	165	129012	46.505	ng	91
52) Acenaphthene	9.939	154	488751	48.453	ng	100
53) 3-Nitroaniline	9.875	138	6170	2.274	ng	# 83
54) 2,4-Dinitrophenol	9.986	184	85371	61.433	ng	96
55) Dibenzofuran	10.110	168	715447	46.500	ng	100
56) 4-Nitrophenol	10.069	139	86348	46.664	ng	90
57) 2,4-Dinitrotoluene	10.104	165	148671	40.324	ng	# 87
58) Fluorene	10.457	166	582193	47.141	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	140769	49.467	ng	94
60) Diethylphthalate	10.327	149	584233	47.010	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	293000	48.344	ng	98
62) 4-Nitroaniline	10.492	138	25753	9.050	ng	92
63) Azobenzene	10.604	77	550243	46.753	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	70183	46.515	ng	92
66) n-Nitrosodiphenylamine	10.563	169	424782	48.648	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	173127	56.935	ng	97
68) Hexachlorobenzene	11.004	284	195415	55.501	ng	98
69) Atrazine	11.098	200	73961	30.109	ng	98
70) Pentachlorophenol	11.210	266	139185	89.818	ng	99
71) Phenanthrene	11.422	178	728236	51.309	ng	99
72) Anthracene	11.474	178	750498	54.057	ng	100
73) Carbazole	11.633	167	432885	32.411	ng	99
74) Di-n-butylphthalate	11.951	149	715046	46.373	ng	100
75) Fluoranthene	12.610	202	621048	40.302	ng	99
78) Pyrene	12.845	202	607709	42.215	ng	99
80) Butylbenzylphthalate	13.451	149	236720	45.647	ng	98
81) Benzo(a)anthracene	14.039	228	548234	53.195	ng	100
83) Chrysene	14.080	228	468852	49.752	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	355051	54.221	ng	97
85) Di-n-octyl phthalate	14.645	149	583380	65.189	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	296554	40.426	ng	98
88) Benzo(b)fluoranthene	15.121	252	501858	70.980	ng	98
89) Benzo(k)fluoranthene	15.151	252	419025	67.724	ng	99
90) Benzo(a)pyrene	15.504	252	358929	62.435	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	249862	41.590	ng	99
92) Benzo(g,h,i)perylene	17.545	276	209930	34.243	ng	98

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

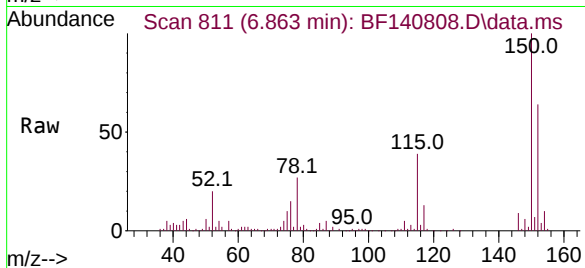
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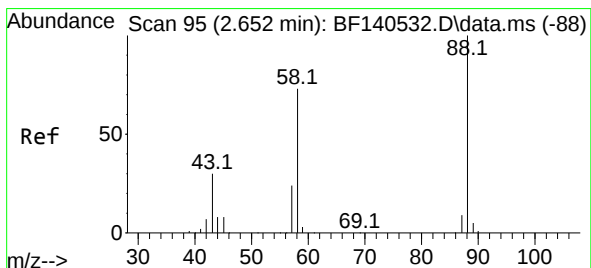
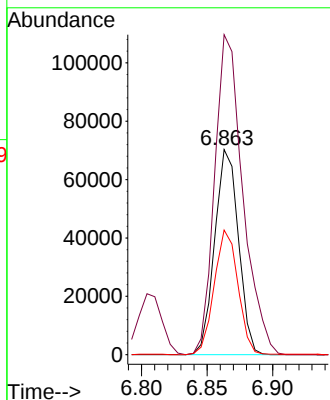
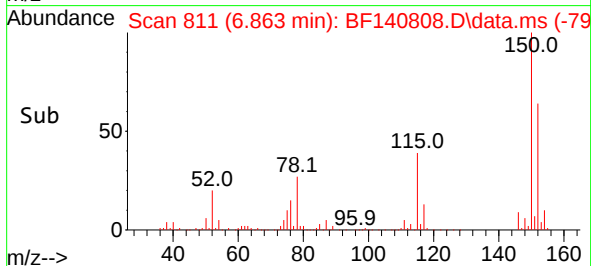


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

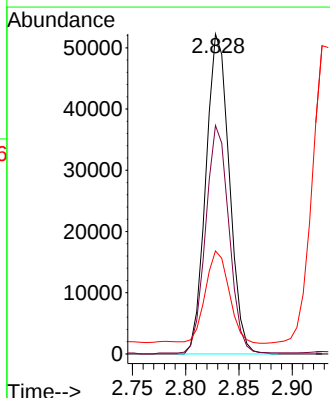
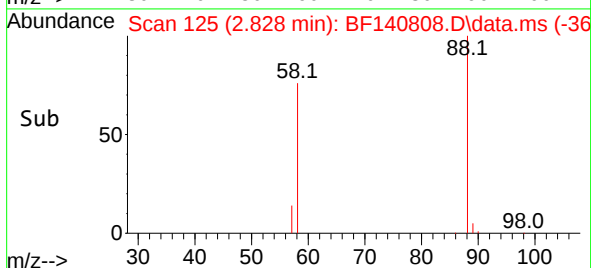
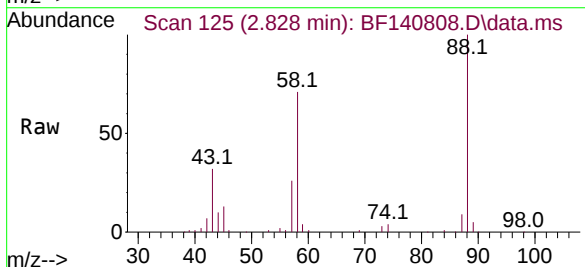


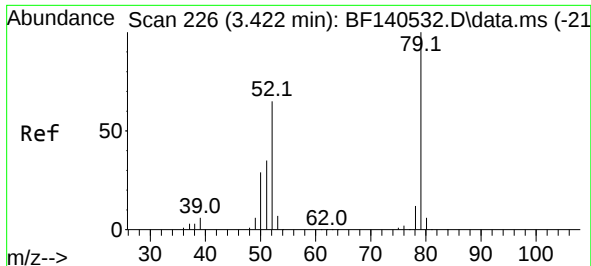
Tgt Ion:152 Resp: 88459
Ion Ratio Lower Upper
152 100
150 156.0 128.5 192.7
115 60.8 50.2 75.4



#2
1,4-Dioxane
Concen: 36.652 ng
RT: 2.828 min Scan# 125
Delta R.T. 0.176 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion: 88 Resp: 79894
Ion Ratio Lower Upper
88 100
58 71.9 57.4 86.2
43 0.0 24.3 36.5





#3

Pyridine

Concen: 28.388 ng

RT: 3.610 min Scan# 21

Delta R.T. 0.188 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

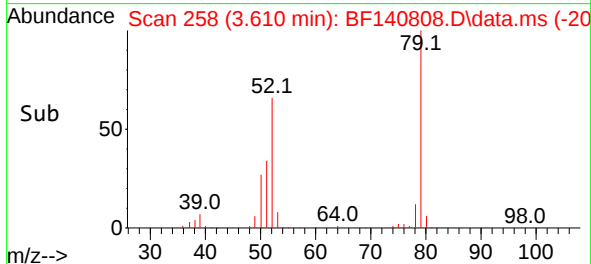
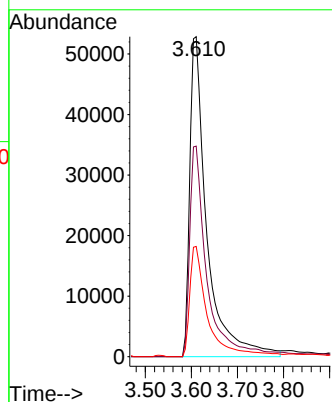
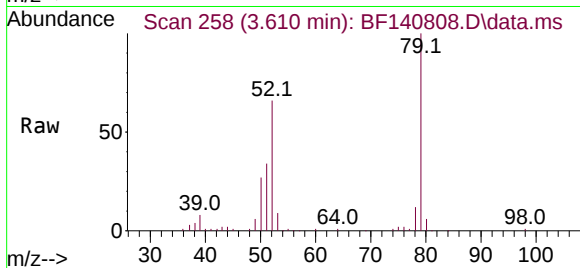
Tgt Ion: 79 Resp: 136154

Ion Ratio Lower Upper

79 100

52 65.8 52.1 78.1

51 34.5 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 39.718 ng

RT: 3.498 min Scan# 239

Delta R.T. 0.118 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

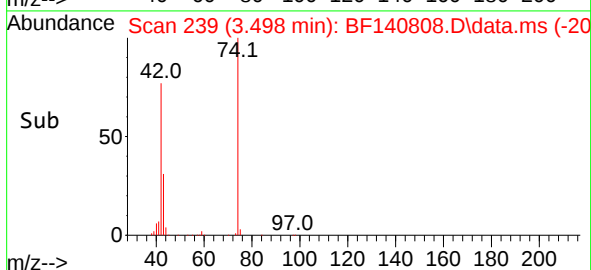
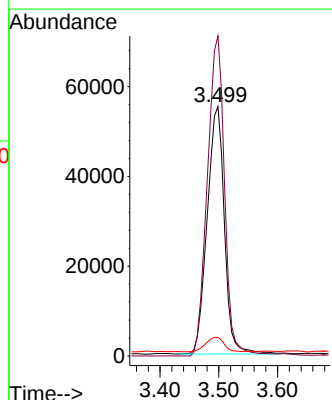
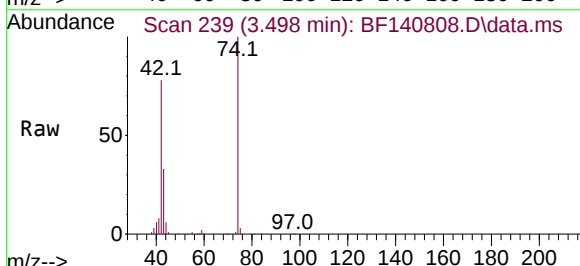
Tgt Ion: 42 Resp: 111957

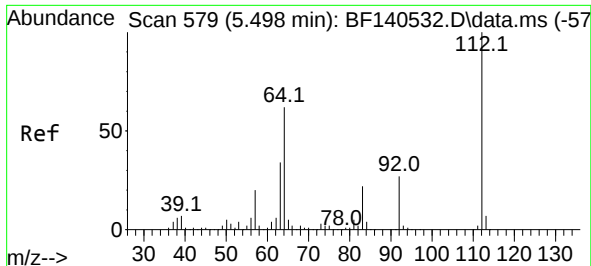
Ion Ratio Lower Upper

42 100

74 128.4 93.8 140.6

44 7.5 4.6 6.8#

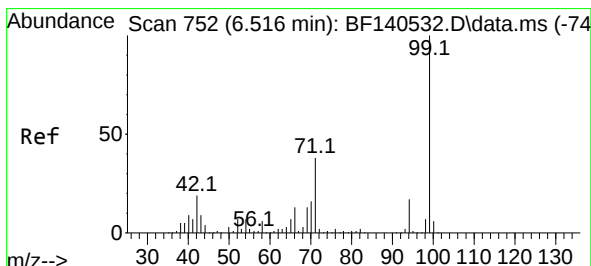
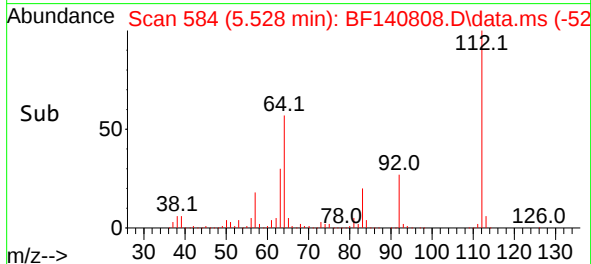
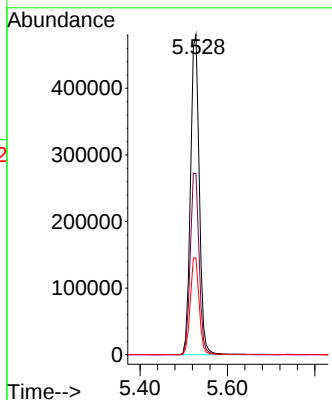
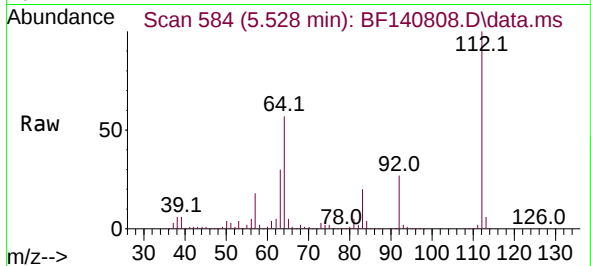




#5
2-Fluorophenol
Concen: 129.476 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

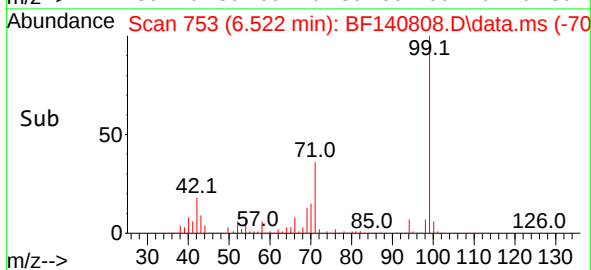
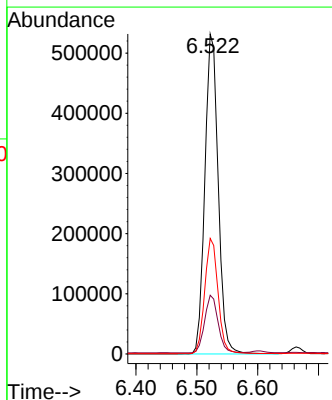
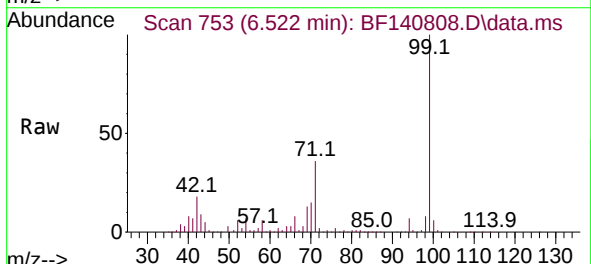
Instrument :
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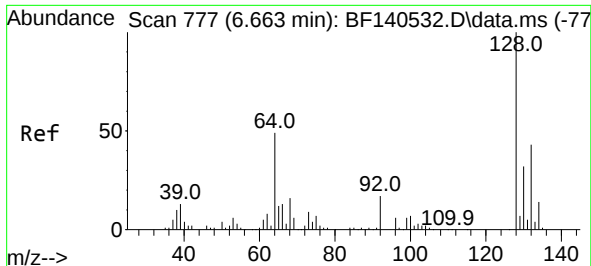
Tgt Ion:112 Resp: 671271
Ion Ratio Lower Upper
112 100
64 56.6 49.2 73.8
63 30.3 27.0 40.4



#7
Phenol-d6
Concen: 118.091 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion: 99 Resp: 809406
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 36.1 30.6 46.0

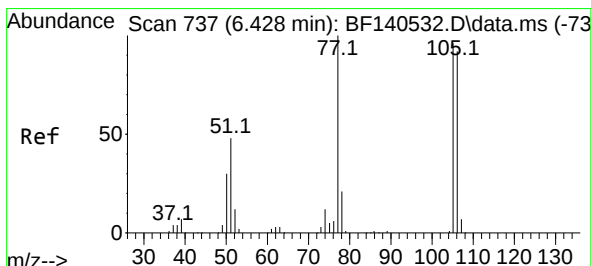
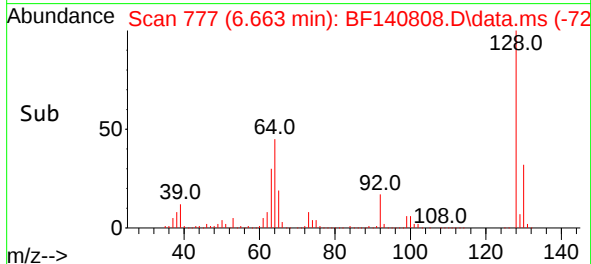
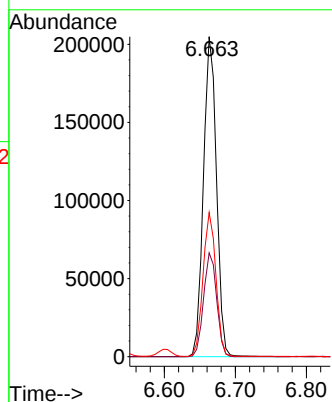
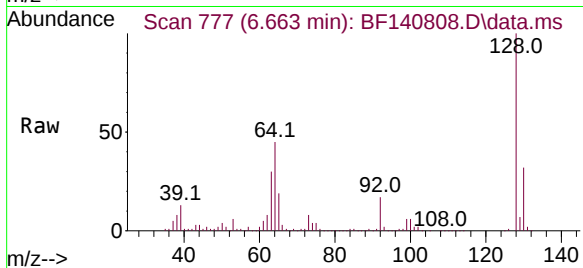




#8
2-Chlorophenol
Concen: 47.037 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

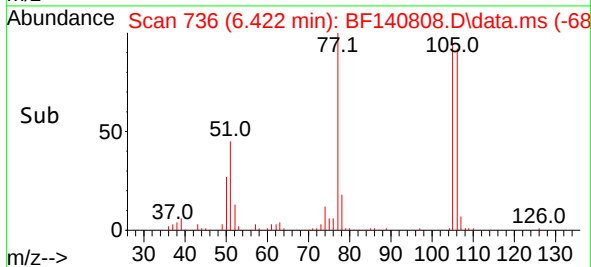
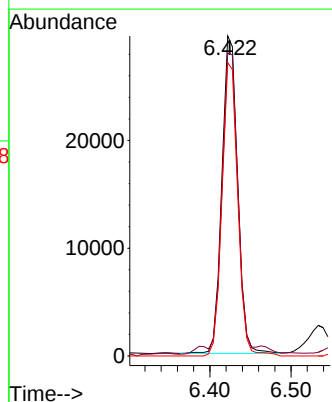
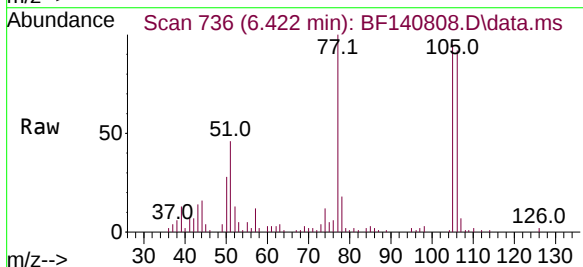
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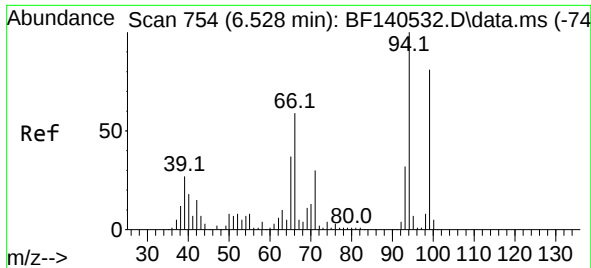
Tgt Ion:128 Resp: 262360
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 45.0 30.2 70.2



#9
Benzaldehyde
Concen: 10.953 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion: 77 Resp: 39741
Ion Ratio Lower Upper
77 100
105 94.7 75.6 115.6
106 91.7 72.0 112.0

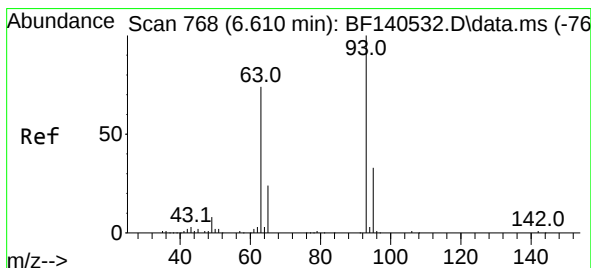
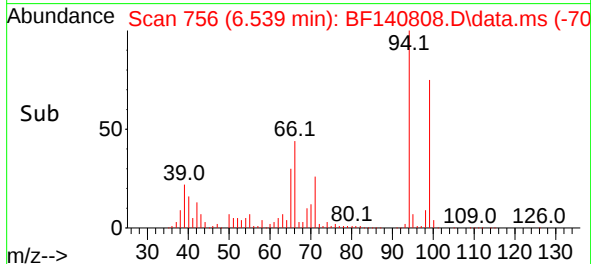
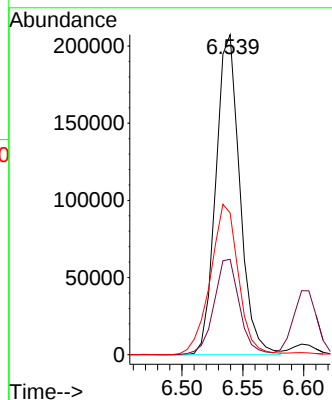
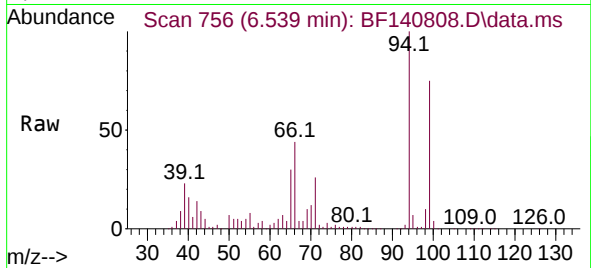




#10
Phenol
Concen: 40.586 ng
RT: 6.539 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

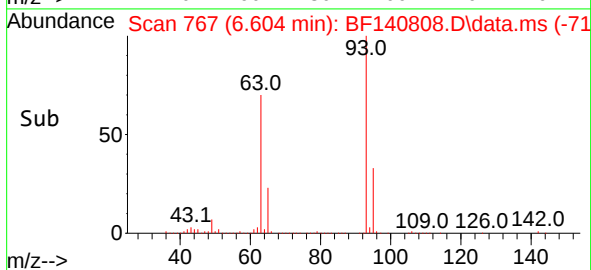
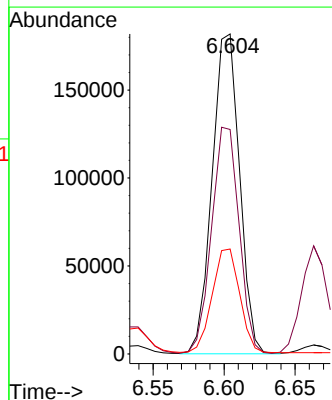
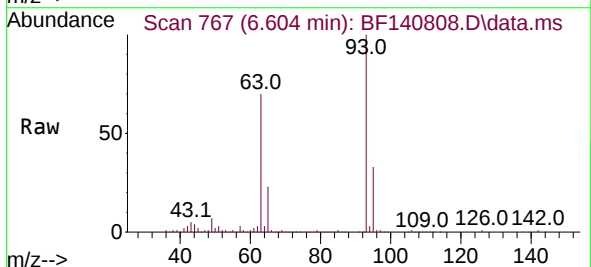
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

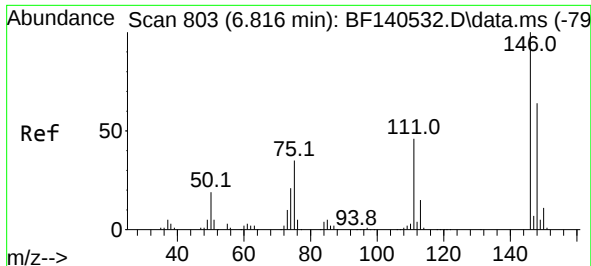
Tgt Ion: 94 Resp: 284093
Ion Ratio Lower Upper
94 100
65 29.8 17.2 57.2
66 44.3 39.2 79.2



#11
bis(2-Chloroethyl)ether
Concen: 45.595 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion: 93 Resp: 244227
Ion Ratio Lower Upper
93 100
63 70.1 52.8 92.8
95 32.8 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 40.293 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

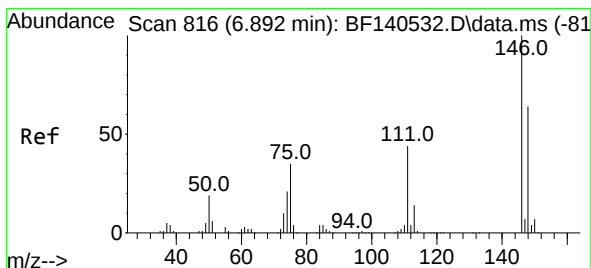
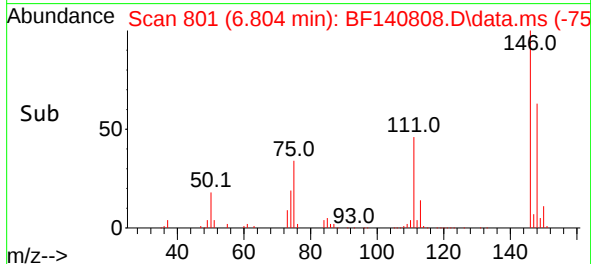
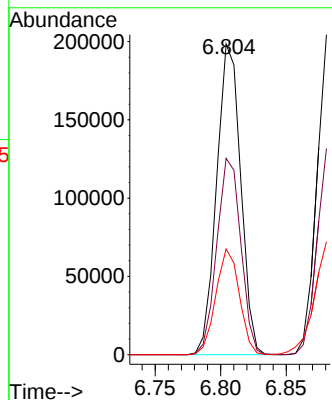
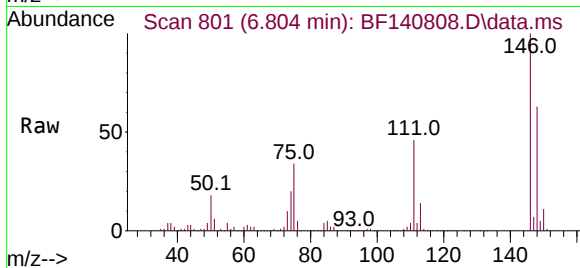
Tgt Ion:146 Resp: 252531

Ion Ratio Lower Upper

146 100

148 63.2 51.3 76.9

75 34.1 28.2 42.2



#13

1,4-Dichlorobenzene

Concen: 40.401 ng

RT: 6.881 min Scan# 814

Delta R.T. -0.012 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

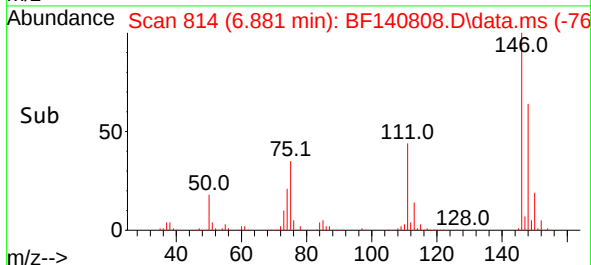
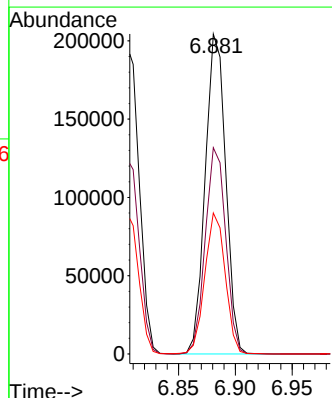
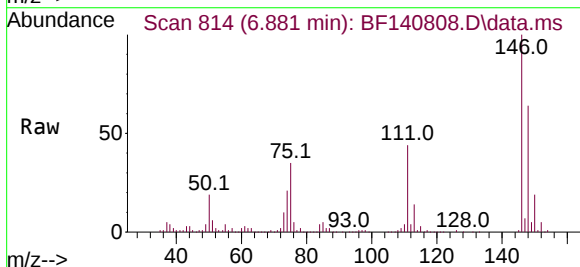
Tgt Ion:146 Resp: 256388

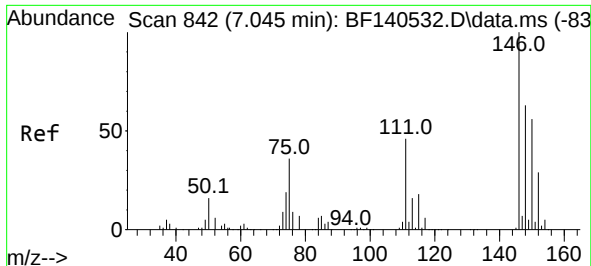
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

111 44.1 35.3 52.9





#14

1,2-Dichlorobenzene

Concen: 41.383 ng

RT: 7.034 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

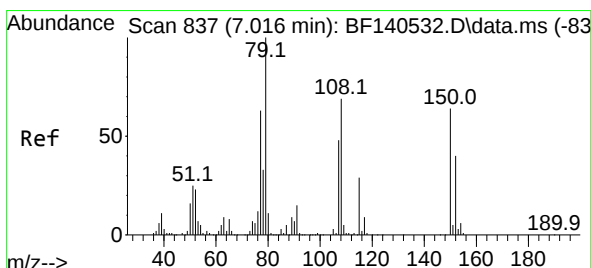
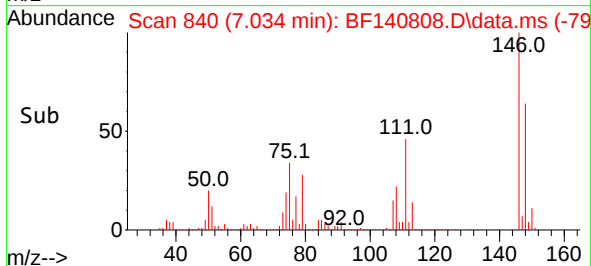
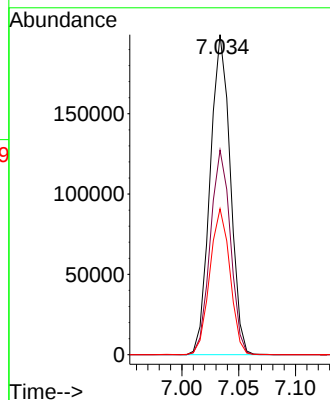
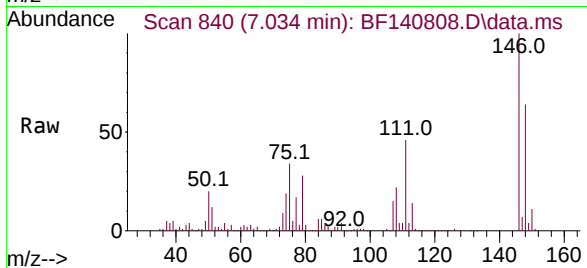
Tgt Ion:146 Resp: 246085

Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

111 45.6 36.7 55.1



#15

Benzyl Alcohol

Concen: 45.194 ng

RT: 7.022 min Scan# 838

Delta R.T. 0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

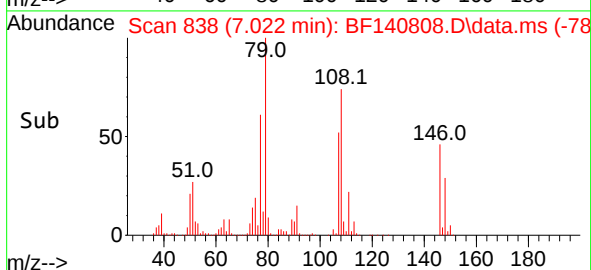
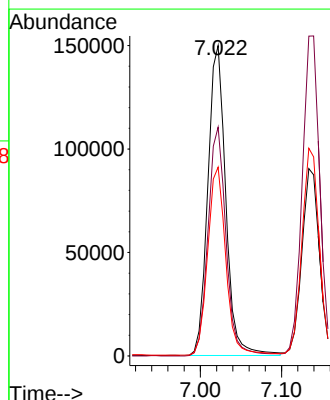
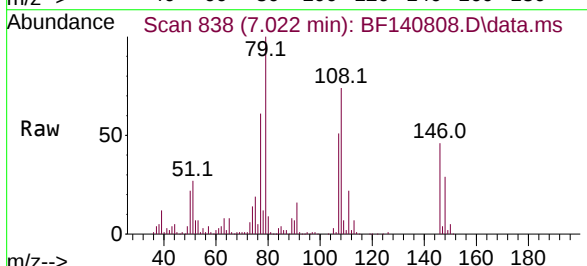
Tgt Ion: 79 Resp: 229716

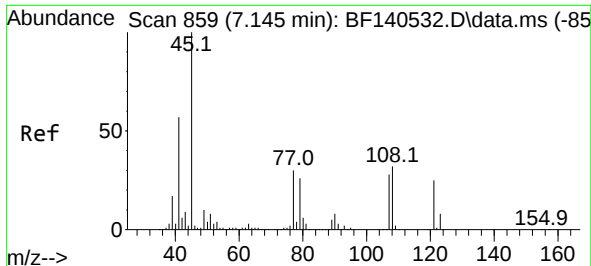
Ion Ratio Lower Upper

79 100

108 73.7 55.0 82.6

77 60.8 50.1 75.1

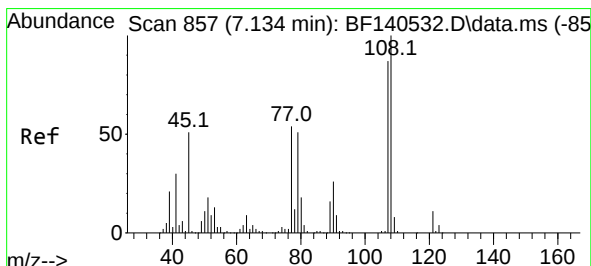
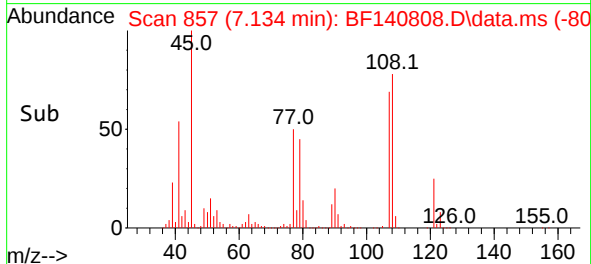
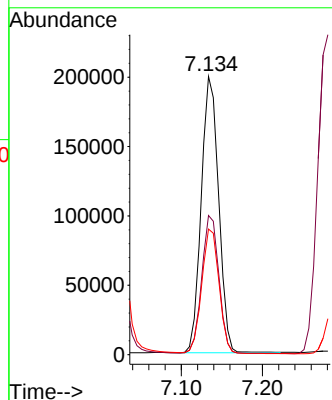
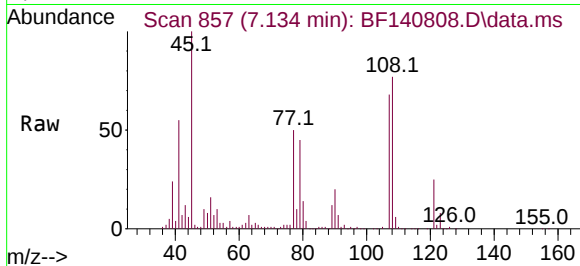




#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.870 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

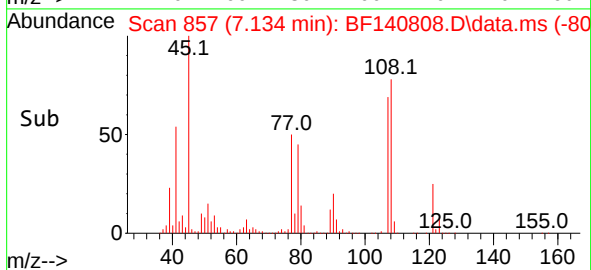
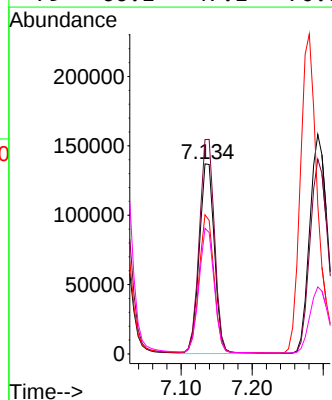
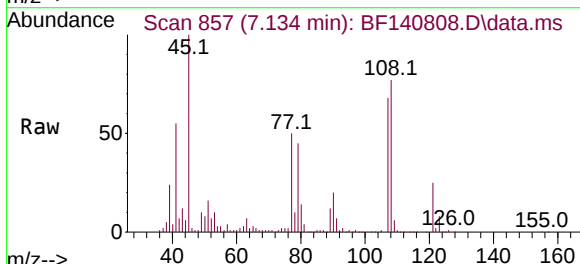
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

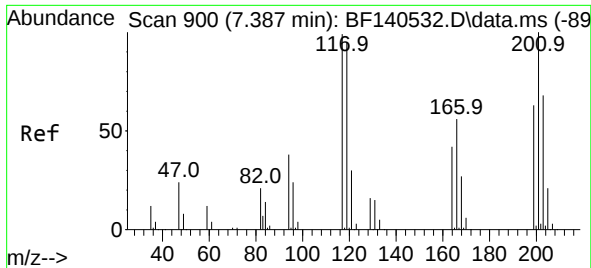
Tgt Ion: 45 Resp: 296591
Ion Ratio Lower Upper
45 100
77 50.0 10.7 50.7
79 45.1 7.0 47.0



#17
2-Methylphenol
Concen: 45.605 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:107 Resp: 203622
Ion Ratio Lower Upper
107 100
108 112.8 91.7 137.5
77 73.2 49.3 73.9
79 66.1 47.1 70.7

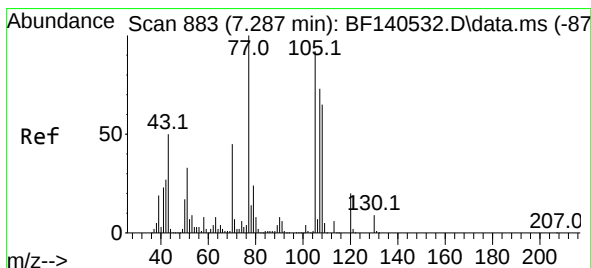
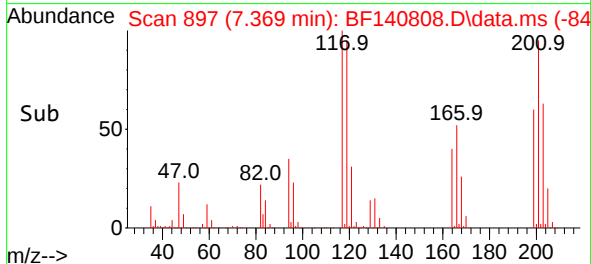
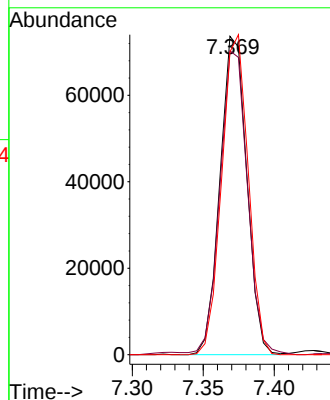
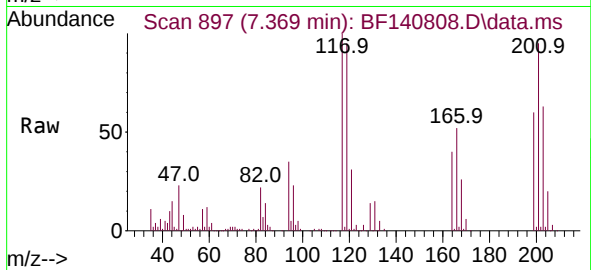




#18
Hexachloroethane
Concen: 40.686 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

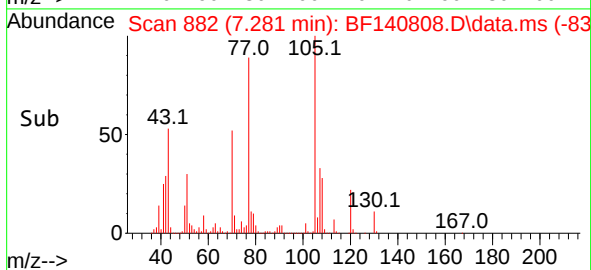
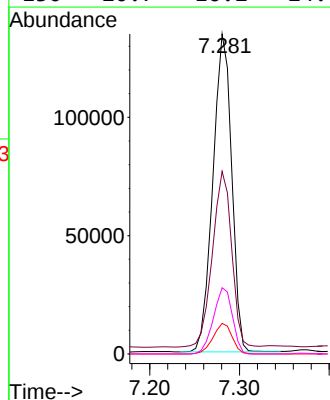
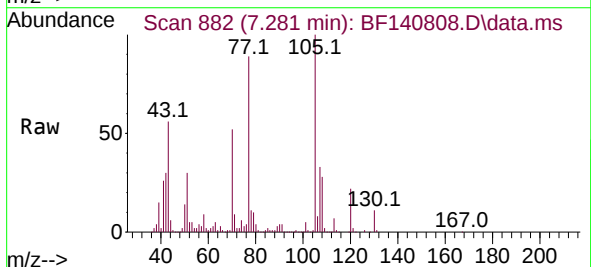
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

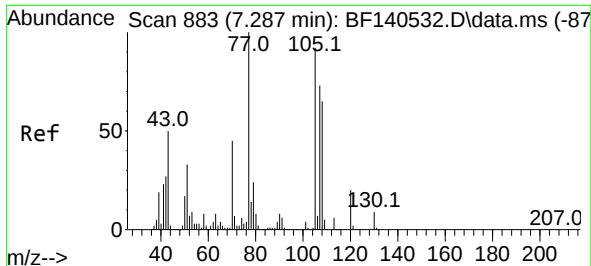
Tgt Ion:117 Resp: 96432
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7
201 95.1 81.1 121.7



#19
n-Nitroso-di-n-propylamine
Concen: 48.264 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

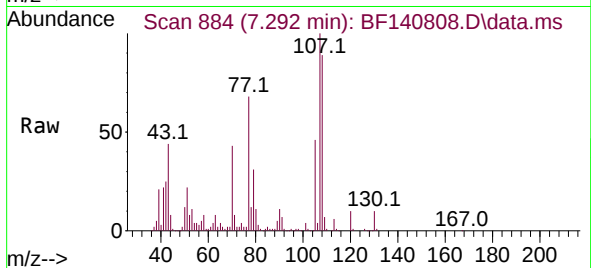
Tgt Ion: 70 Resp: 195505
Ion Ratio Lower Upper
70 100
42 57.1 47.6 71.4
101 9.6 7.6 11.4
130 20.7 16.2 24.4



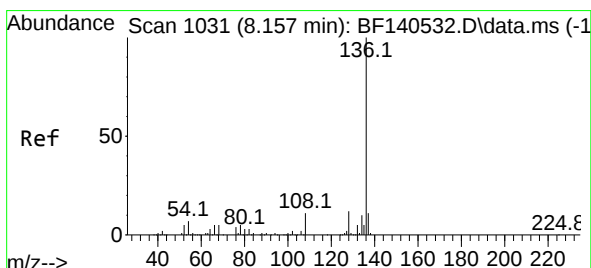
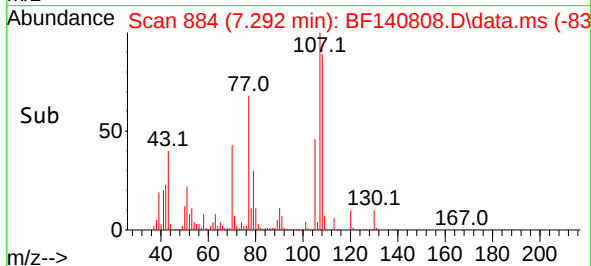
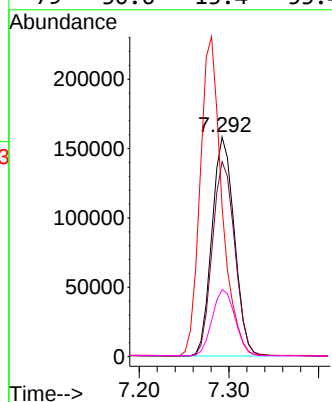


#20
3+4-Methylphenols
Concen: 47.754 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

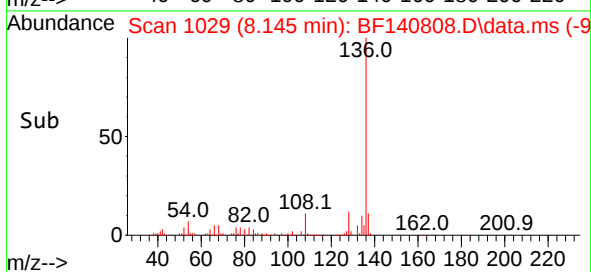
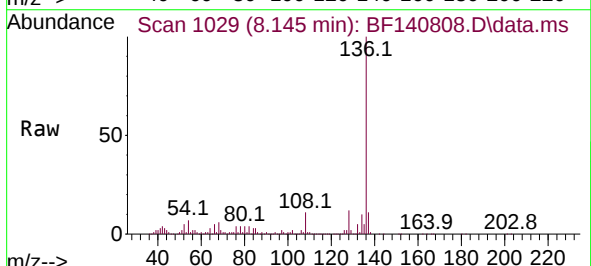
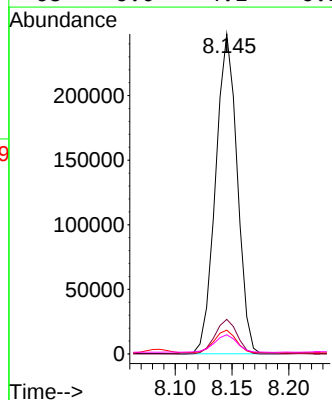


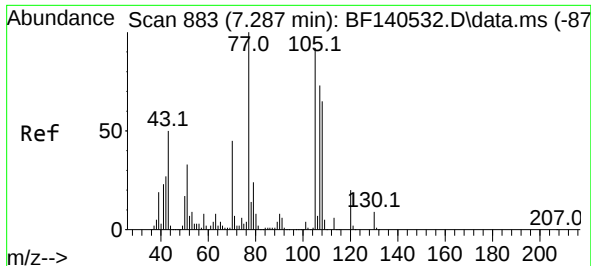
Tgt Ion:107 Resp: 274061
Ion Ratio Lower Upper
107 100
108 88.8 69.9 109.9
77 67.9 117.7 157.7#
79 30.6 13.4 53.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:136 Resp: 327477
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.4 5.8 8.8
68 6.0 4.1 6.1

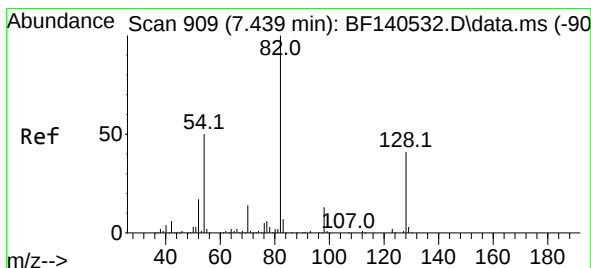
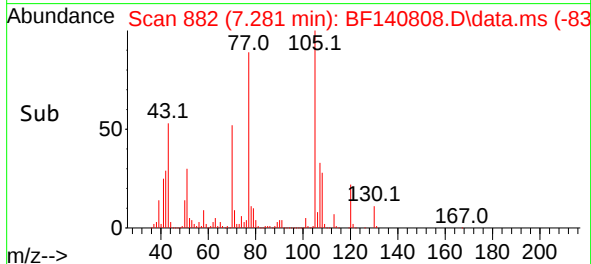
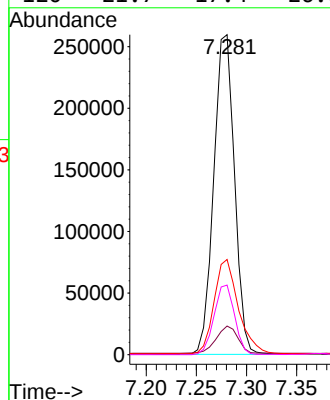
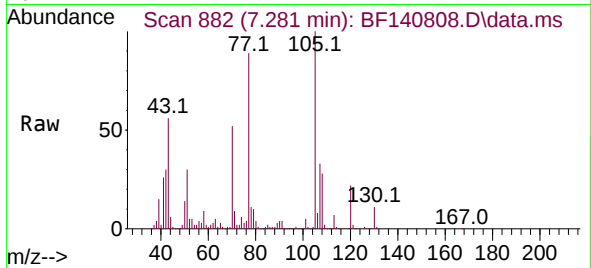




#22
Acetophenone
Concen: 46.801 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

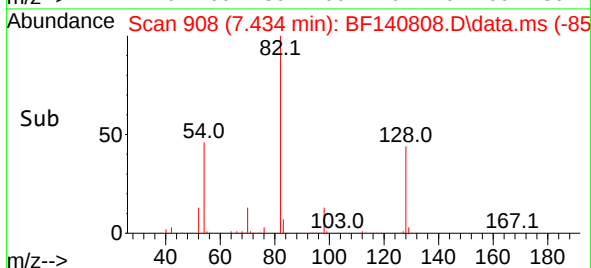
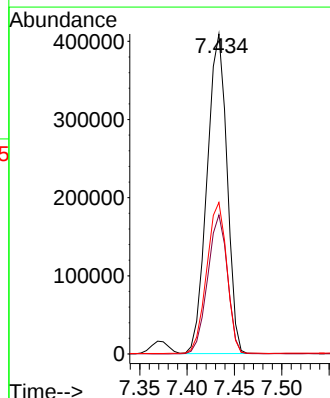
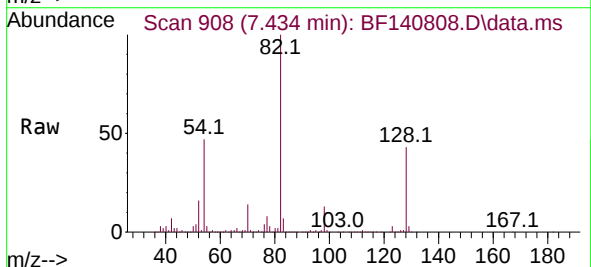
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

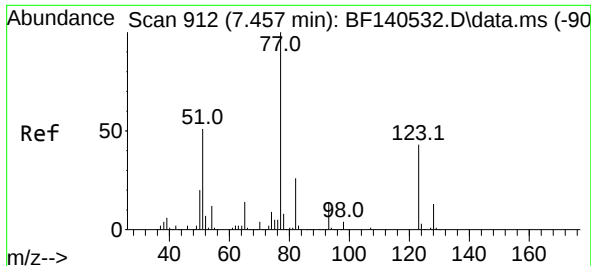
Tgt Ion:105 Resp: 373644
Ion Ratio Lower Upper
105 100
71 9.0 6.2 9.2
51 29.7 29.0 43.6
120 21.7 17.4 26.0



#23
Nitrobenzene-d5
Concen: 93.429 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion: 82 Resp: 598158
Ion Ratio Lower Upper
82 100
128 43.5 33.0 49.4
54 47.4 39.5 59.3

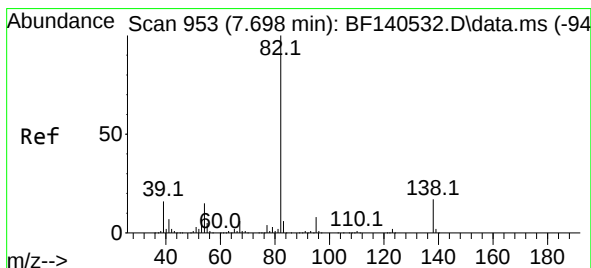
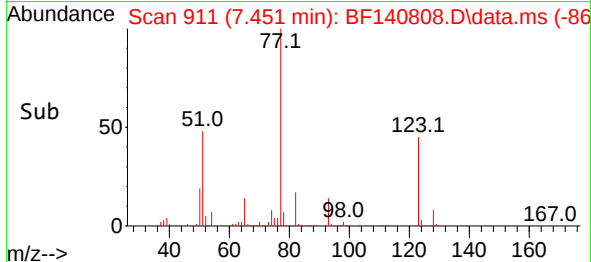
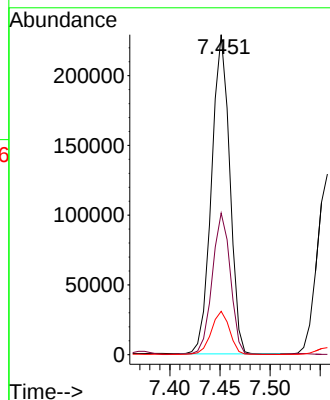
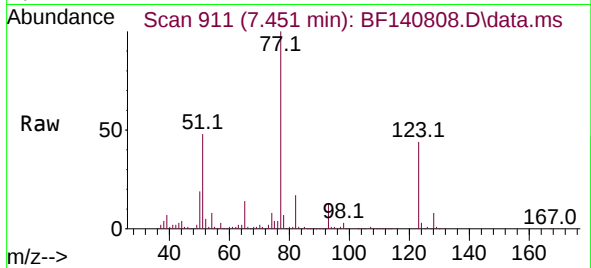




#24
Nitrobenzene
Concen: 43.640 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

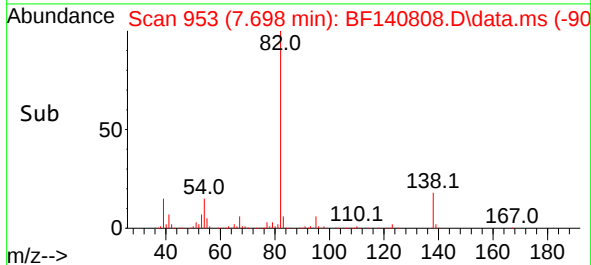
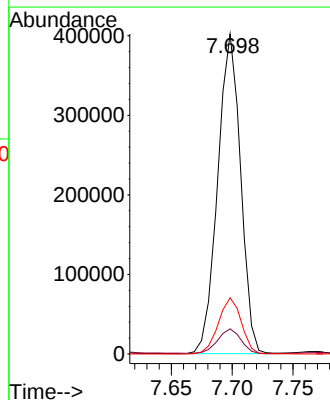
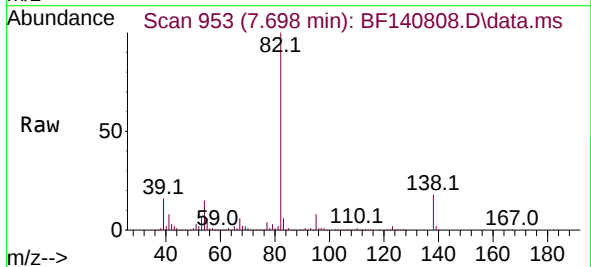
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

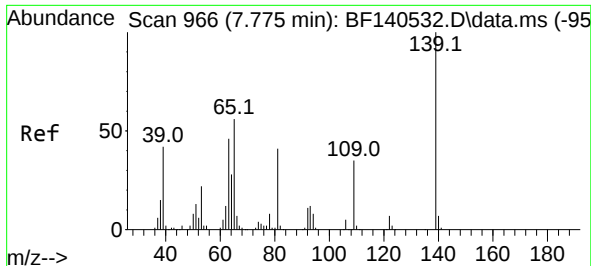
Tgt Ion: 77 Resp: 288761
Ion Ratio Lower Upper
77 100
123 44.2 34.3 51.5
65 13.6 11.2 16.8



#25
Isophorone
Concen: 49.273 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion: 82 Resp: 526163
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.6 13.8 20.6

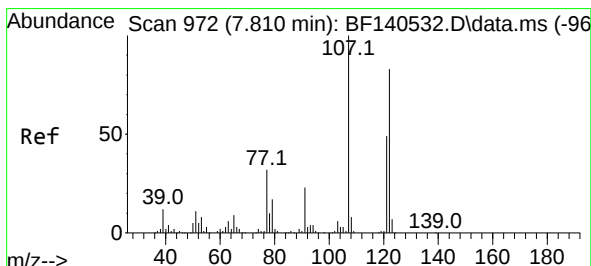
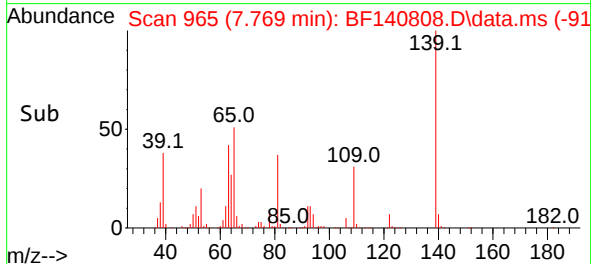
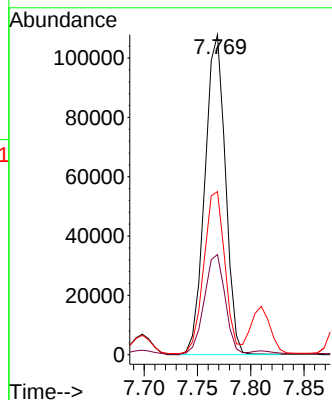
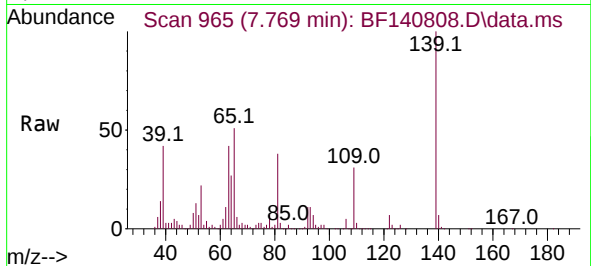




#26
2-Nitrophenol
Concen: 49.461 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

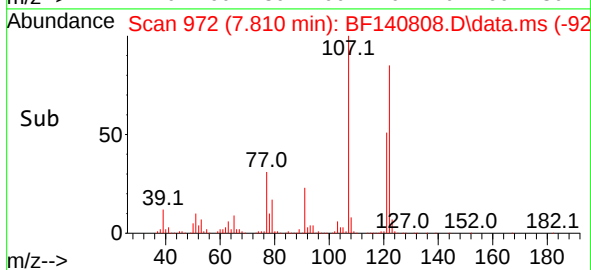
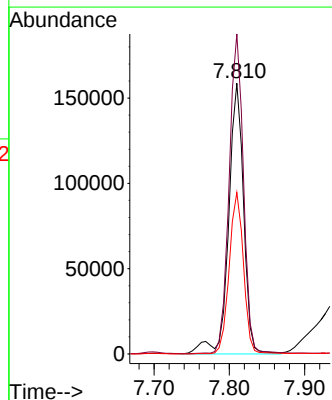
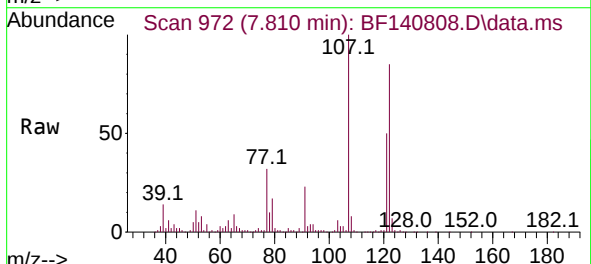
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

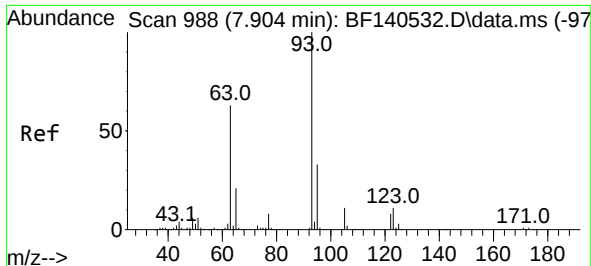
Tgt Ion:139 Resp: 145036
Ion Ratio Lower Upper
139 100
109 31.3 28.0 42.0
65 50.9 44.6 67.0



#27
2,4-Dimethylphenol
Concen: 62.718 ng m
RT: 7.810 min Scan# 972
Delta R.T. -0.000 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:122 Resp: 220044
Ion Ratio Lower Upper
122 100
107 118.2 96.8 145.2
121 59.7 47.4 71.0

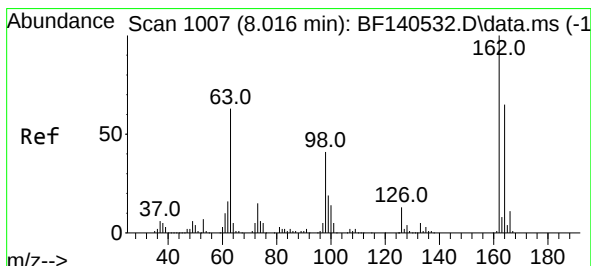
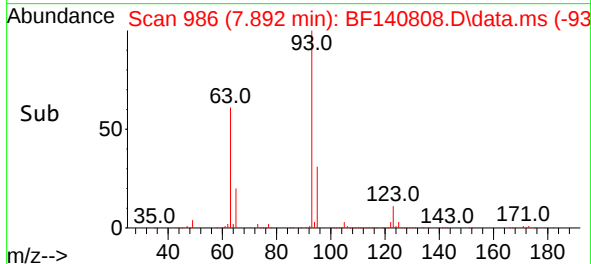
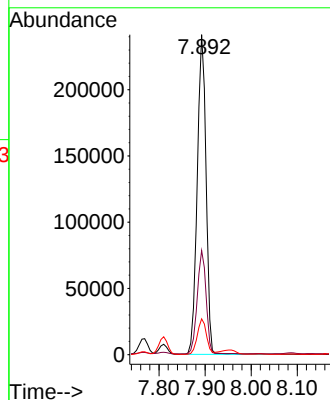
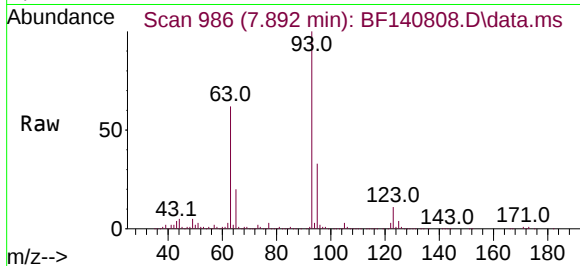




#28
bis(2-Chloroethoxy)methane
Concen: 49.152 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

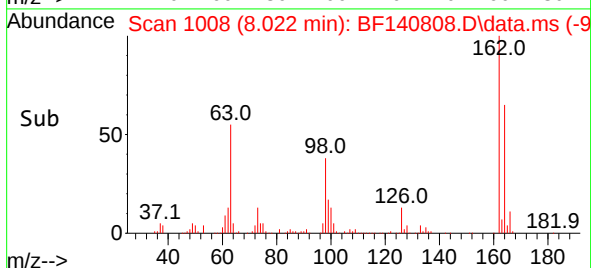
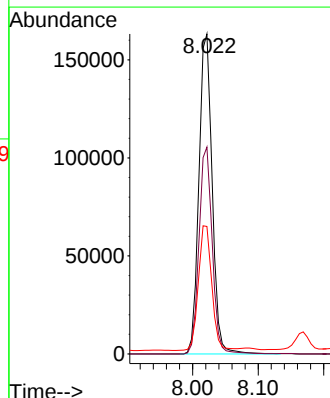
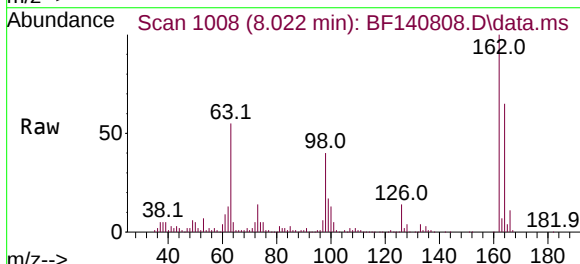
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

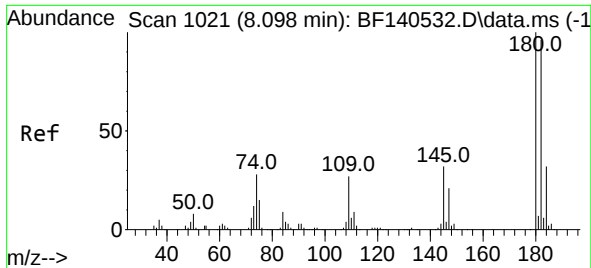
Tgt Ion: 93 Resp: 319752
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.2 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 49.471 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

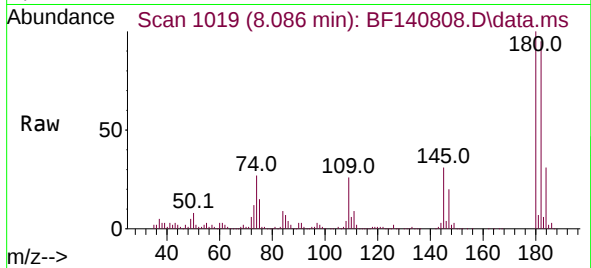
Tgt Ion: 162 Resp: 229991
Ion Ratio Lower Upper
162 100
164 64.6 44.8 84.8
98 39.8 21.2 61.2



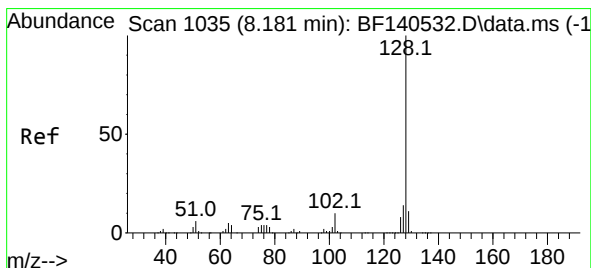
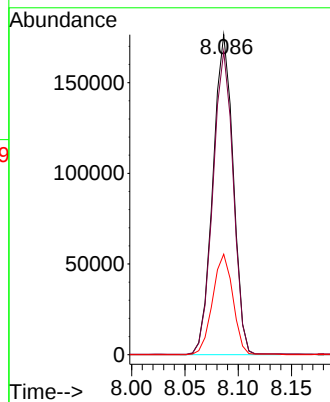
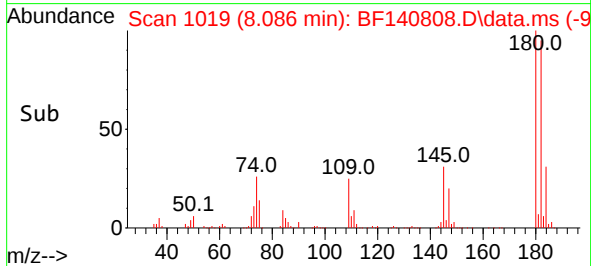


#30
1,2,4-Trichlorobenzene
Concen: 43.934 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

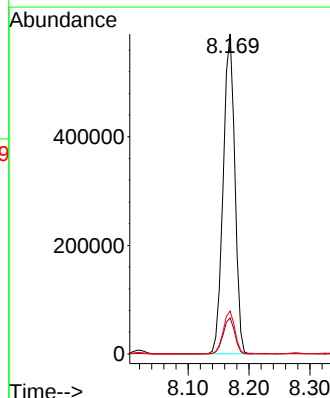
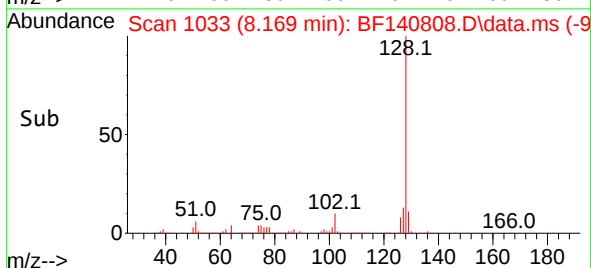
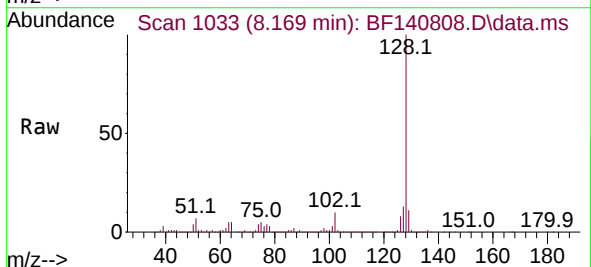


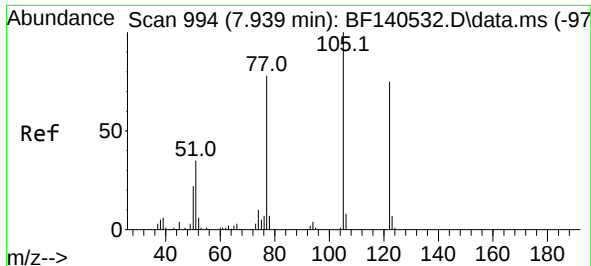
Tgt Ion:180 Resp: 233204
Ion Ratio Lower Upper
180 100
182 94.8 76.4 114.6
145 31.4 25.9 38.9



#31
Naphthalene
Concen: 46.364 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:128 Resp: 782073
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.4 10.8 16.2

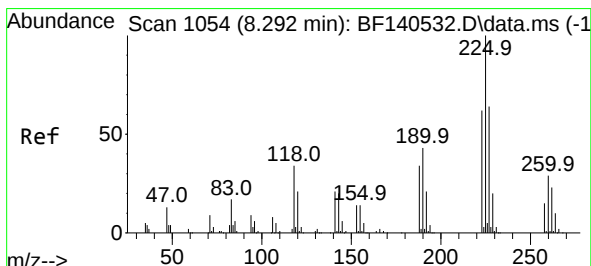
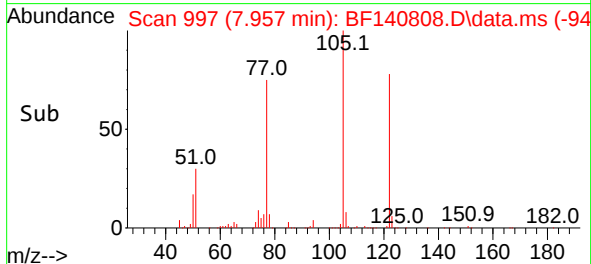
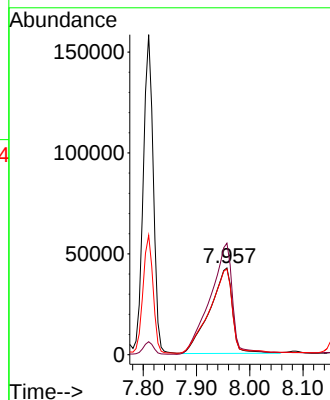
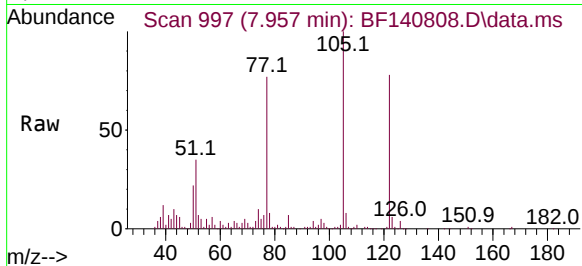




#32
Benzoic acid
Concen: 42.046 ng
RT: 7.957 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

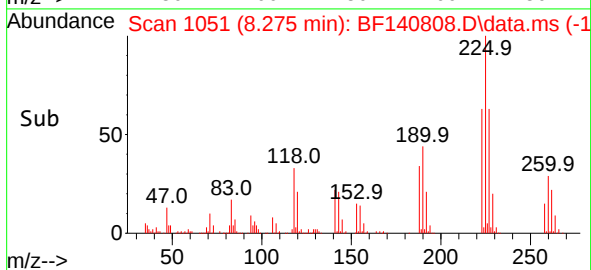
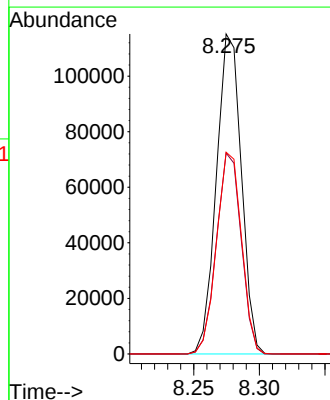
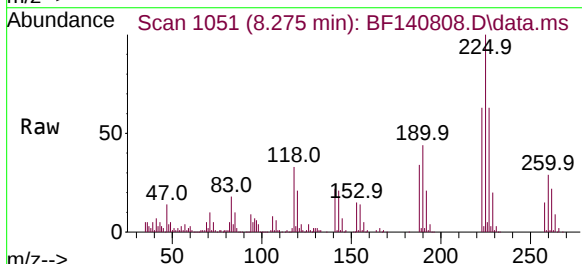
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

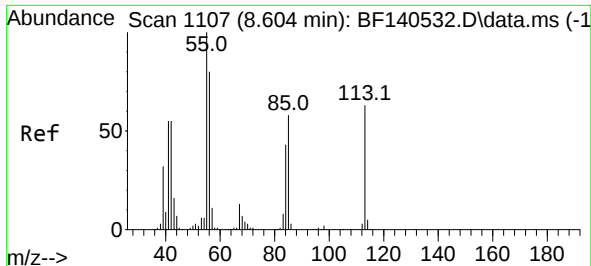
Tgt Ion:122 Resp: 125167
Ion Ratio Lower Upper
122 100
105 128.6 109.3 149.3
77 98.9 82.3 122.3



#34
Hexachlorobutadiene
Concen: 43.328 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:225 Resp: 152334
Ion Ratio Lower Upper
225 100
223 62.8 49.8 74.8
227 63.1 51.3 76.9

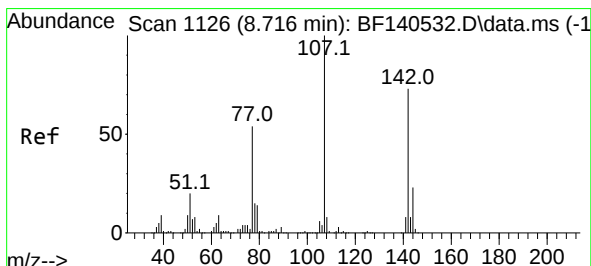
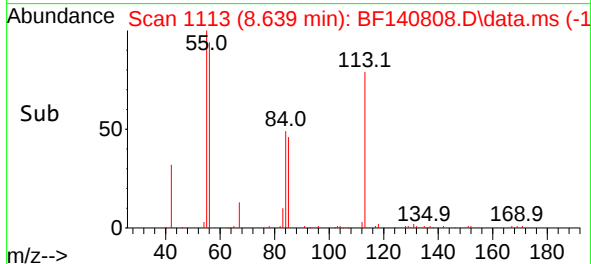
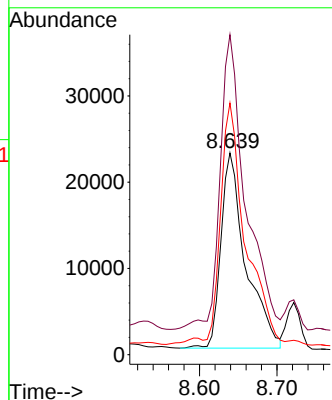
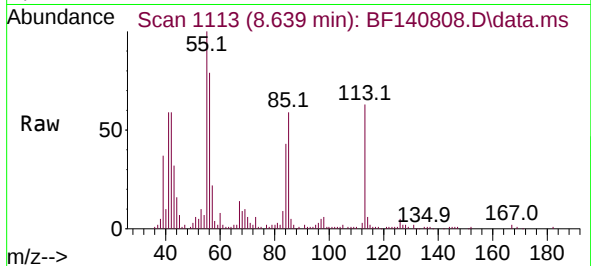




#35
Caprolactam
Concen: 35.050 ng
RT: 8.639 min Scan# 1113
Delta R.T. 0.035 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

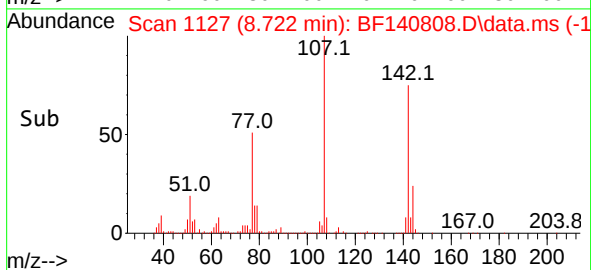
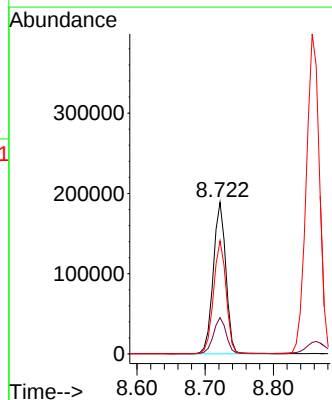
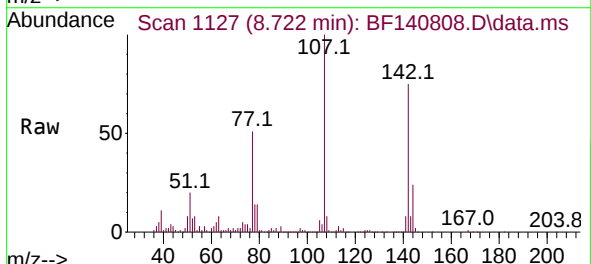
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

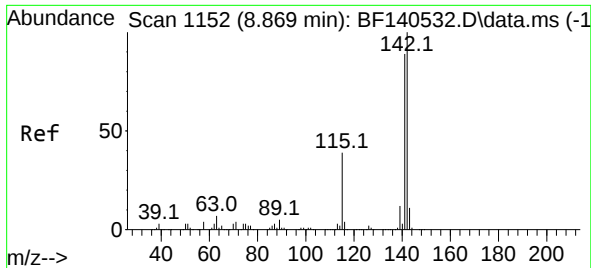
Tgt Ion:113 Resp: 50427
Ion Ratio Lower Upper
113 100
55 158.6 137.7 177.7
56 124.7 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 46.799 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:107 Resp: 243594
Ion Ratio Lower Upper
107 100
144 23.9 18.7 28.1
142 74.7 58.3 87.5

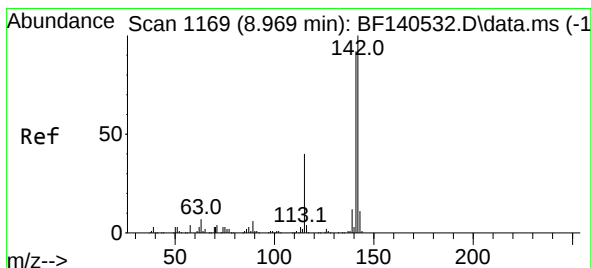
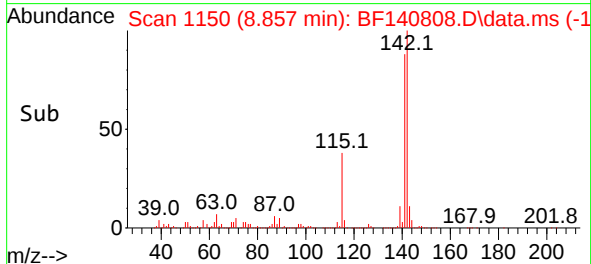
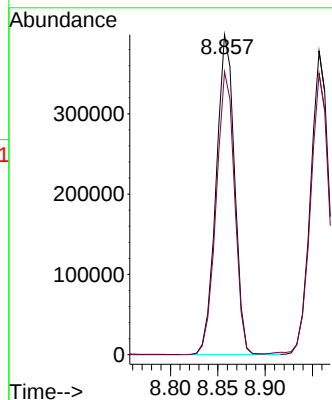
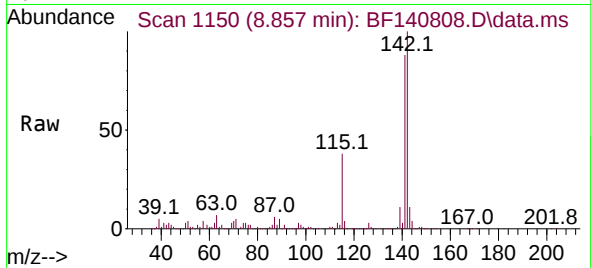




#37
2-Methylnaphthalene
Concen: 50.094 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

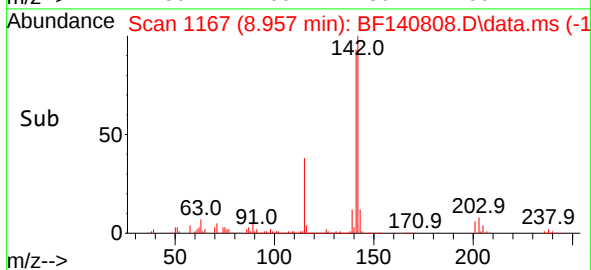
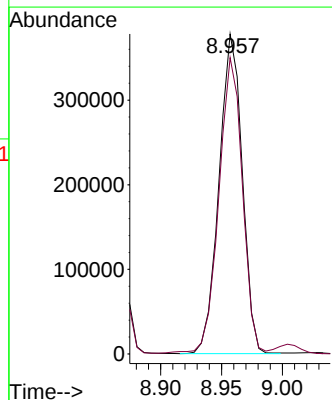
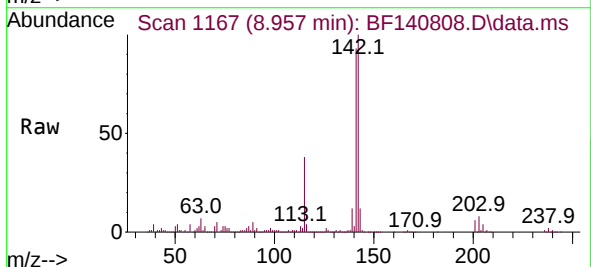
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

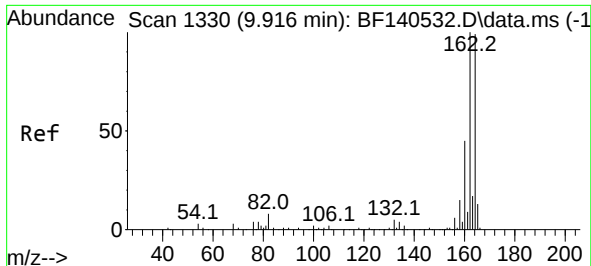
Tgt Ion:142 Resp: 536694
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6



#38
1-Methylnaphthalene
Concen: 47.701 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:142 Resp: 500945
Ion Ratio Lower Upper
142 100
141 92.6 73.3 109.9

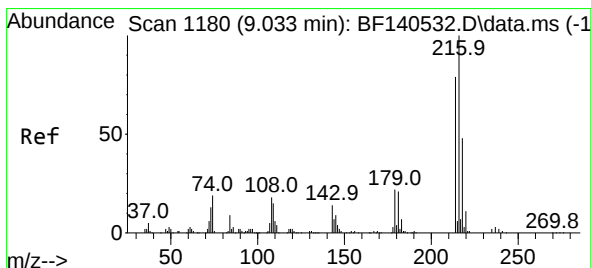
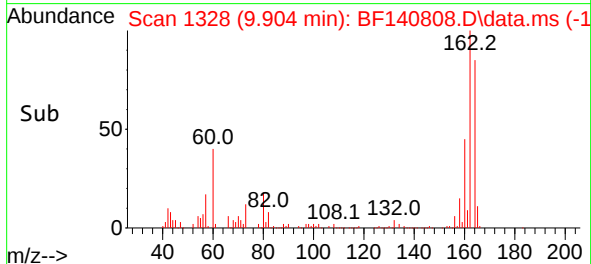
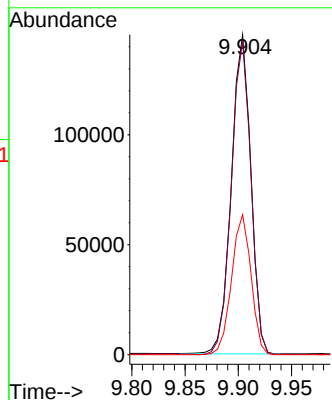
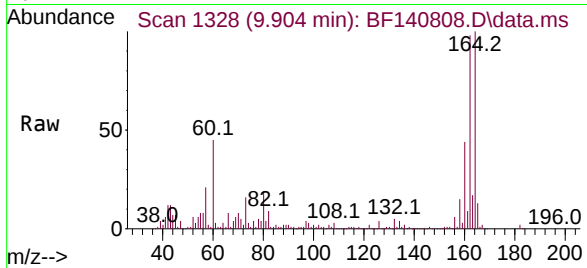




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

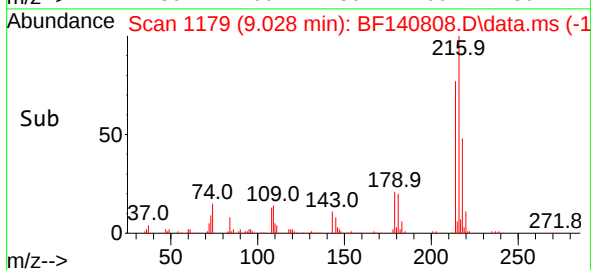
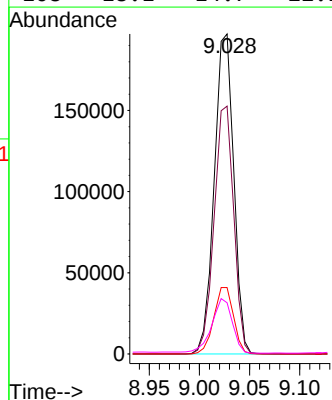
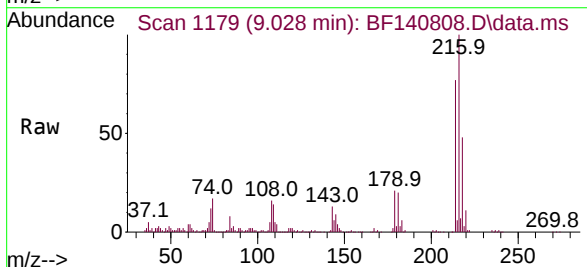
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

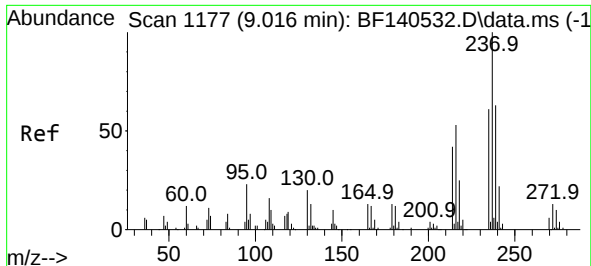
Tgt Ion:164 Resp: 185727
Ion Ratio Lower Upper
164 100
162 97.9 80.6 120.8
160 43.8 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.913 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

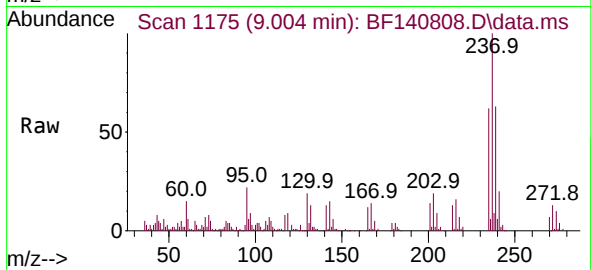
Tgt Ion:216 Resp: 265947
Ion Ratio Lower Upper
216 100
214 77.8 63.0 94.4
179 21.0 17.5 26.3
108 18.1 14.7 22.1



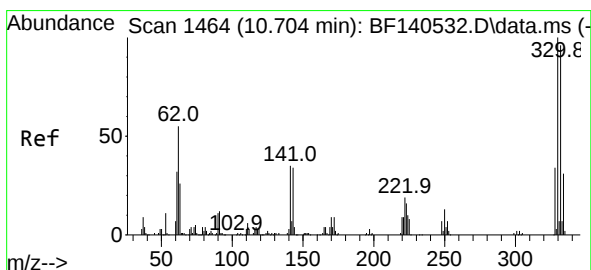
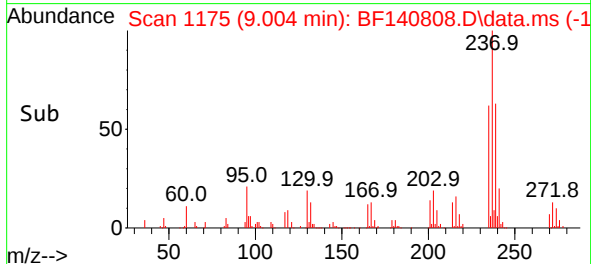
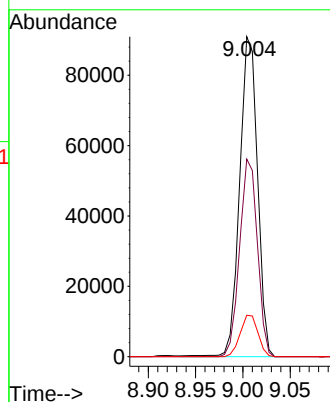


#41
Hexachlorocyclopentadiene
Concen: 95.886 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

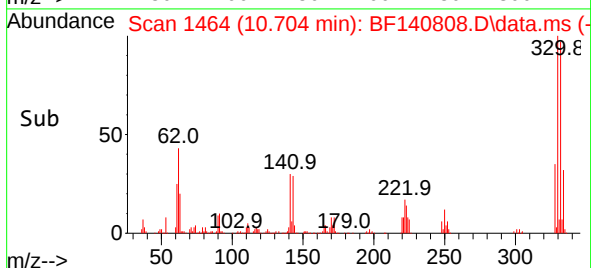
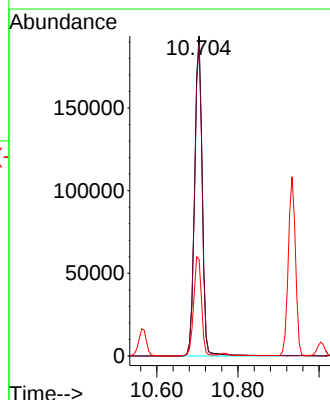
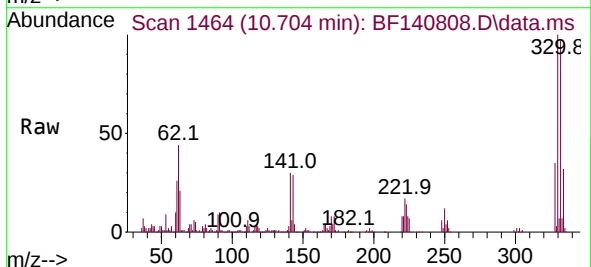


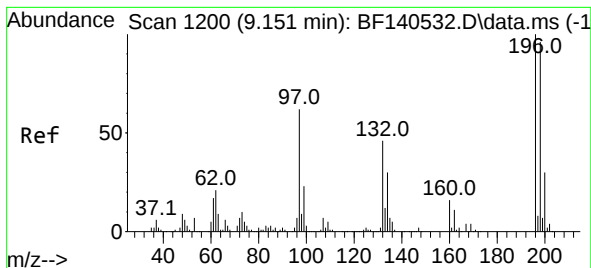
Tgt Ion:237 Resp: 119134
Ion Ratio Lower Upper
237 100
235 61.8 41.1 81.1
272 12.9 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 127.580 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:330 Resp: 253421
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 31.8 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 49.912 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

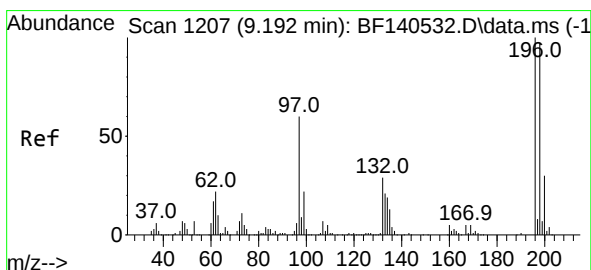
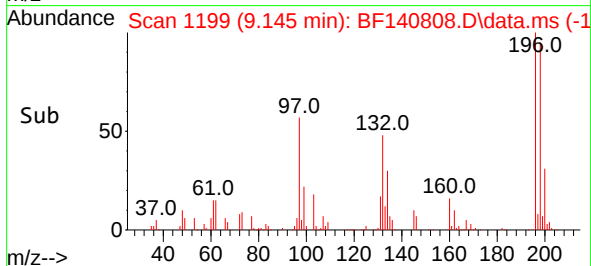
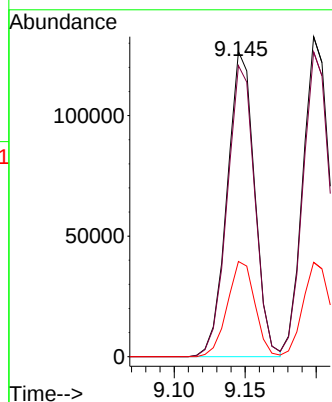
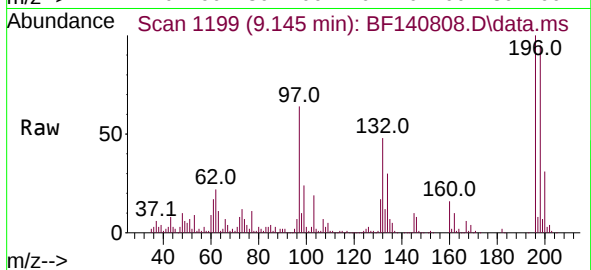
Tgt Ion:196 Resp: 170288

Ion Ratio Lower Upper

196 100

198 95.3 76.8 115.2

200 31.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 47.577 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Tgt Ion:196 Resp: 176166

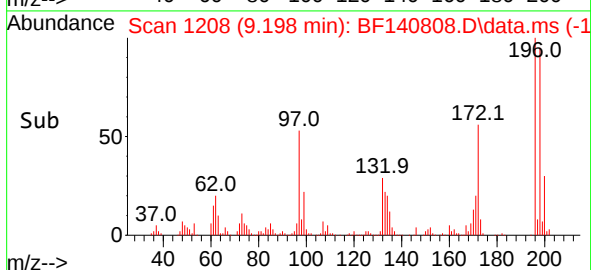
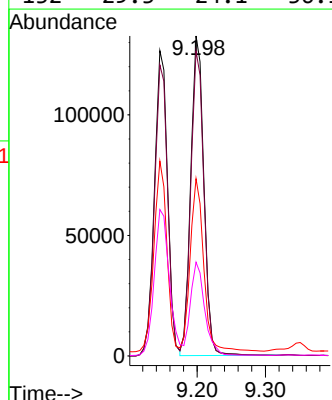
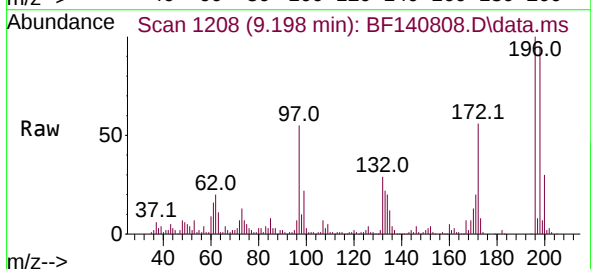
Ion Ratio Lower Upper

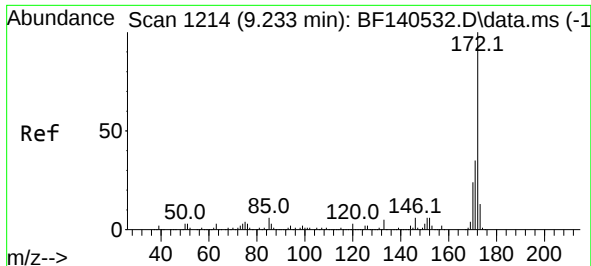
196 100

198 95.2 77.2 115.8

97 55.4 47.1 70.7

132 29.3 24.1 36.1

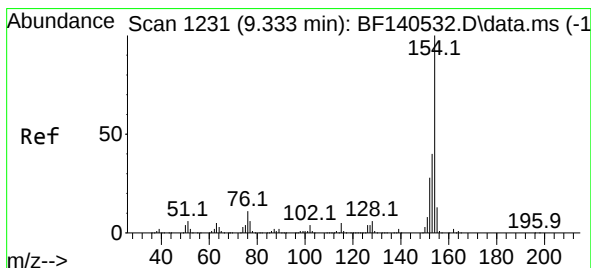
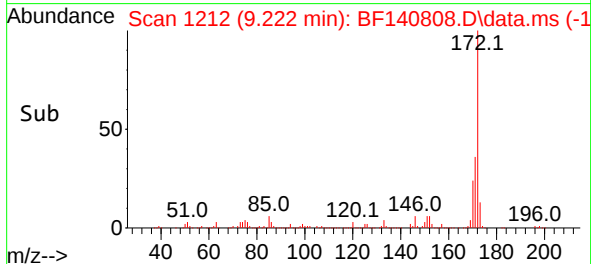
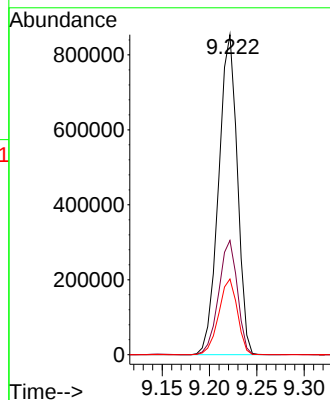
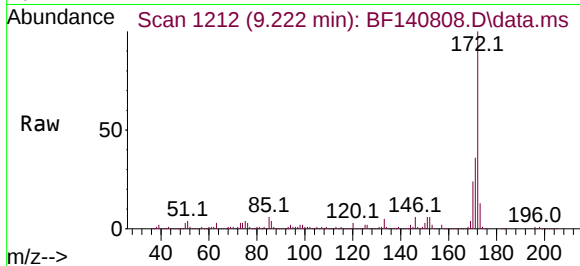




#45
2-Fluorobiphenyl
Concen: 94.391 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

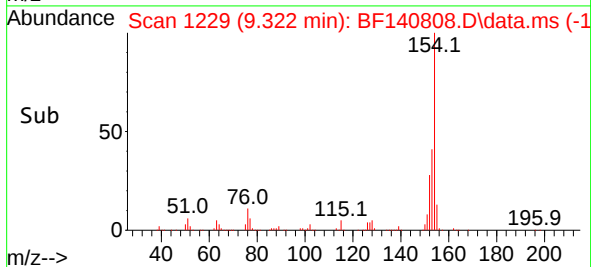
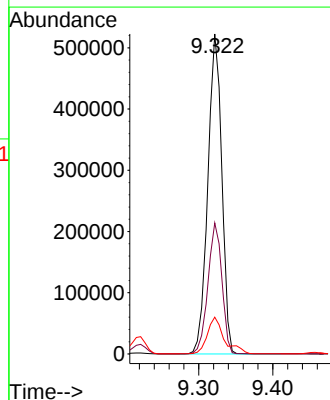
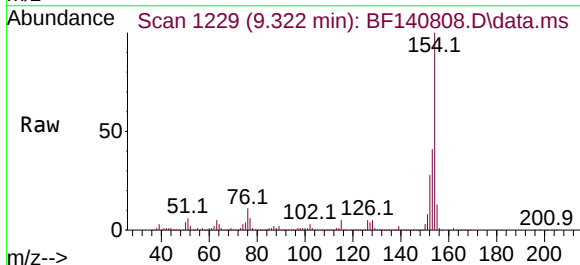
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

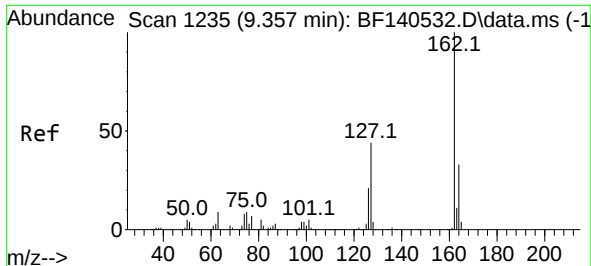
Tgt Ion:172 Resp: 1176614
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 49.305 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:154 Resp: 683693
Ion Ratio Lower Upper
154 100
153 40.9 20.4 60.4
76 11.5 0.0 31.2

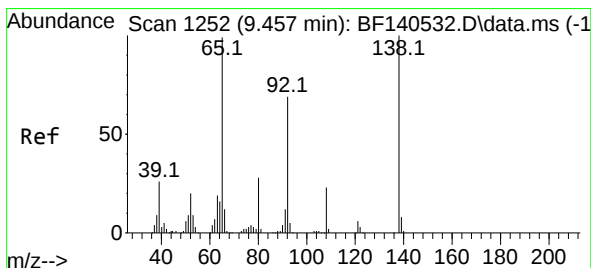
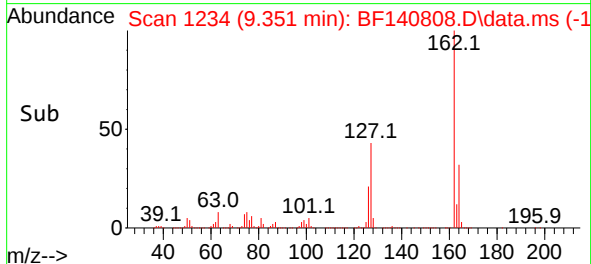
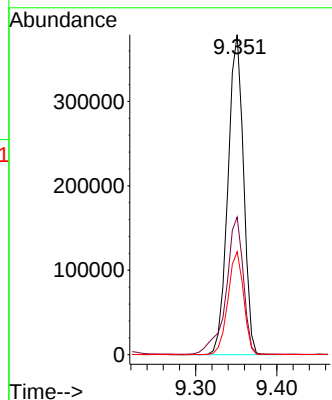
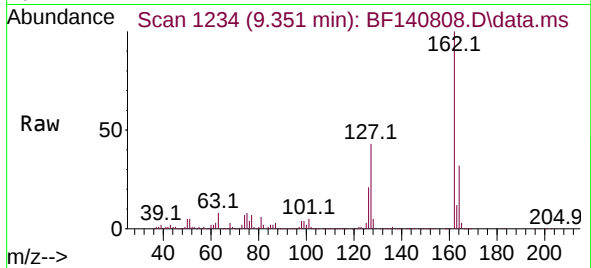




#47
2-Chloronaphthalene
Concen: 48.143 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

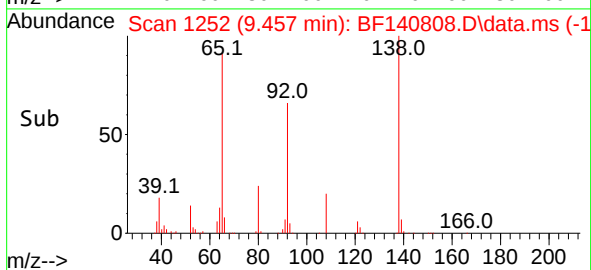
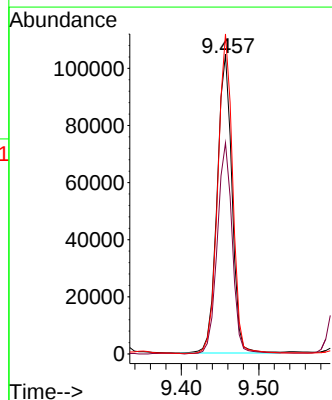
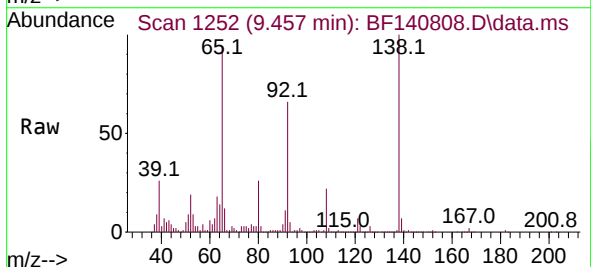
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

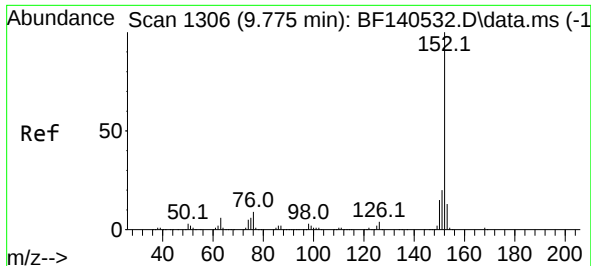
Tgt Ion:162 Resp: 505833
Ion Ratio Lower Upper
162 100
127 43.0 35.7 53.5
164 32.1 26.1 39.1



#48
2-Nitroaniline
Concen: 41.253 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion: 65 Resp: 139128
Ion Ratio Lower Upper
65 100
92 70.4 56.1 84.1
138 106.8 81.0 121.6





#49

Acenaphthylene

Concen: 51.247 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

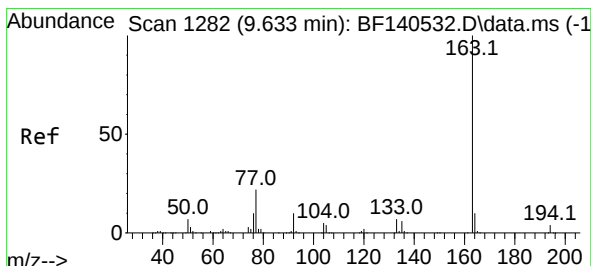
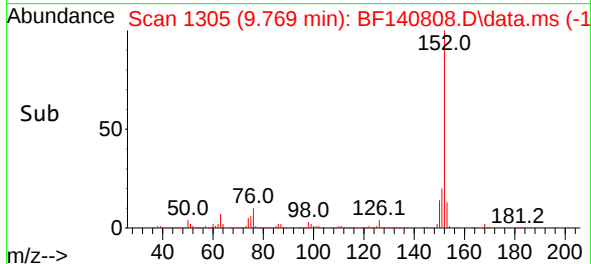
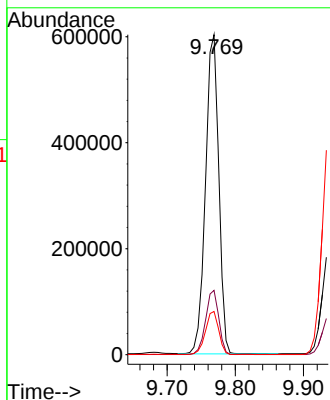
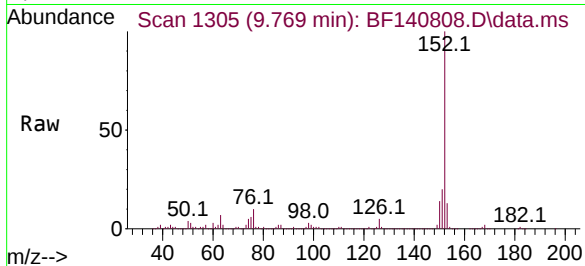
Tgt Ion:152 Resp: 813563

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.5 10.6 16.0



#50

Dimethylphthalate

Concen: 49.326 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

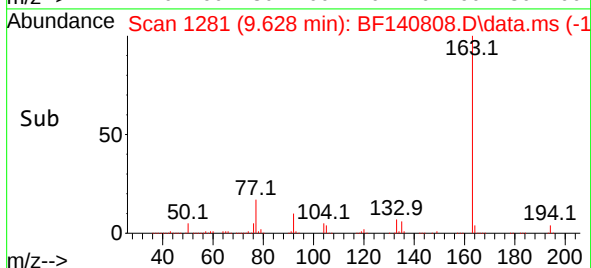
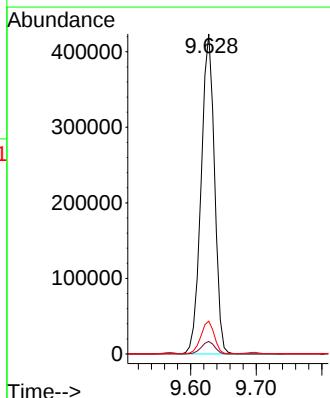
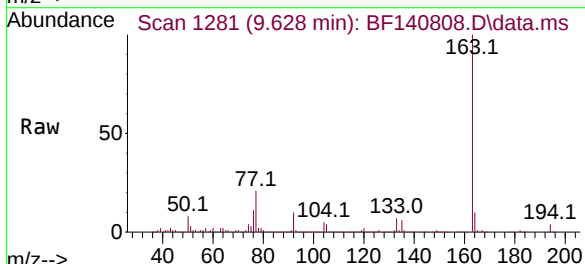
Tgt Ion:163 Resp: 603349

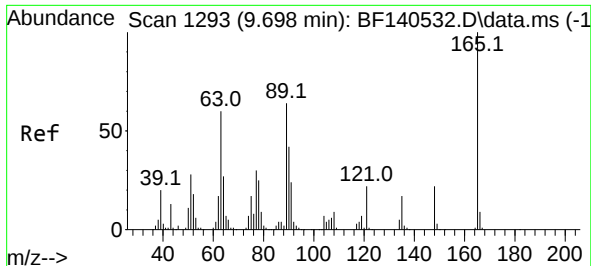
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.505 ng

RT: 9.698 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

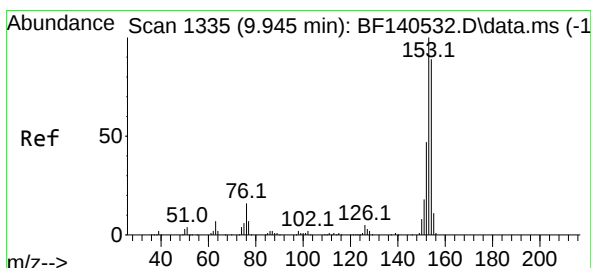
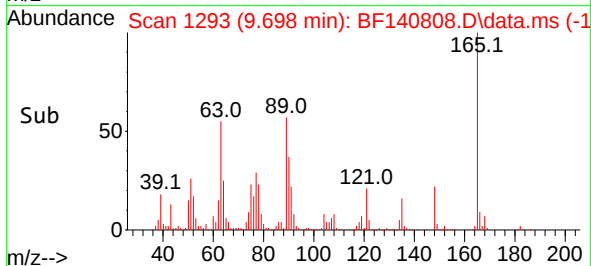
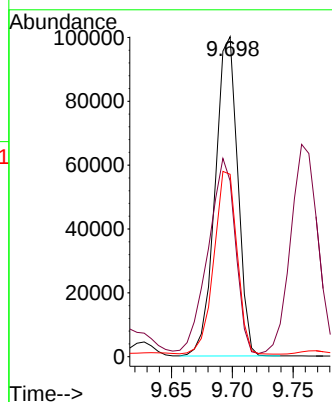
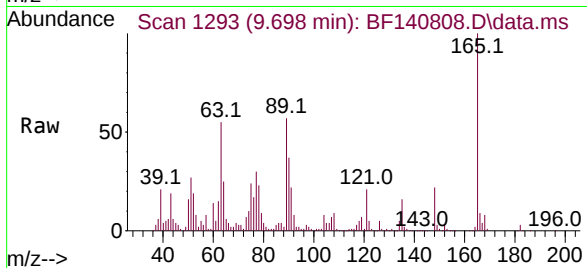
Tgt Ion:165 Resp: 129012

Ion Ratio Lower Upper

165 100

63 54.9 49.9 74.9

89 57.0 50.9 76.3



#52

Acenaphthene

Concen: 48.453 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

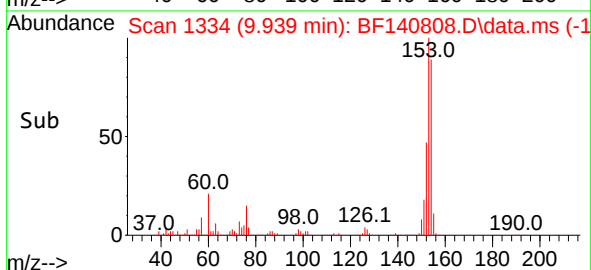
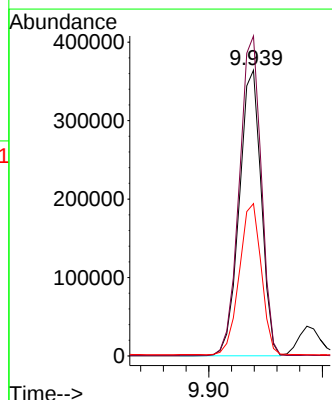
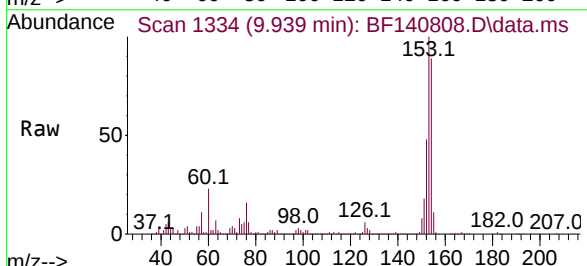
Tgt Ion:154 Resp: 488751

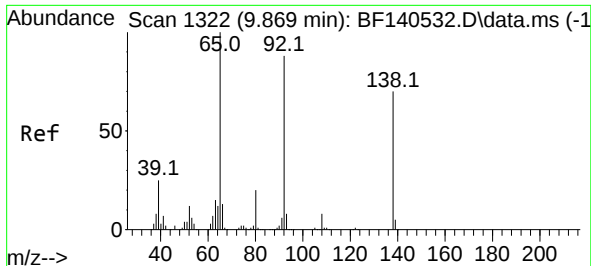
Ion Ratio Lower Upper

154 100

153 112.0 89.7 134.5

152 53.3 42.5 63.7

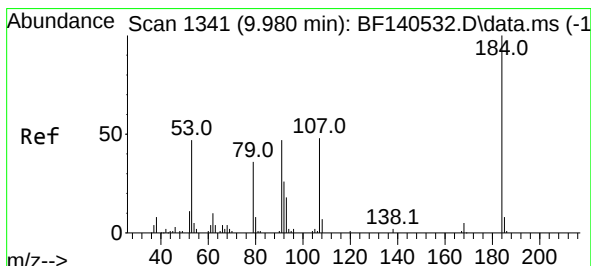
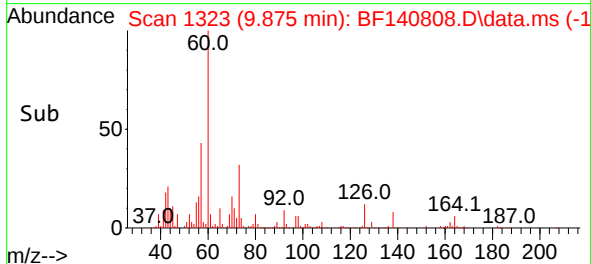
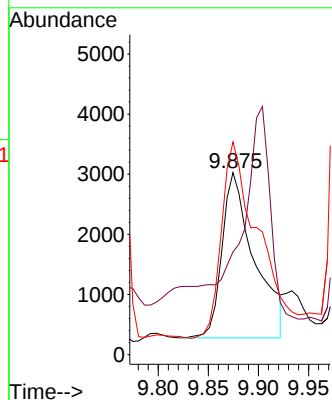
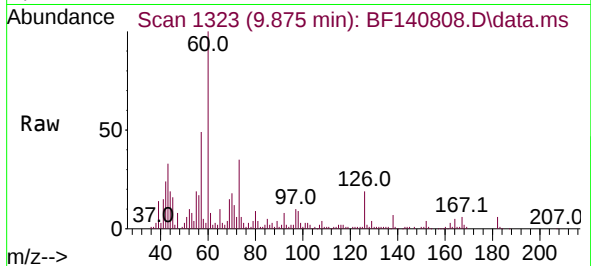




#53
3-Nitroaniline
Concen: 2.274 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

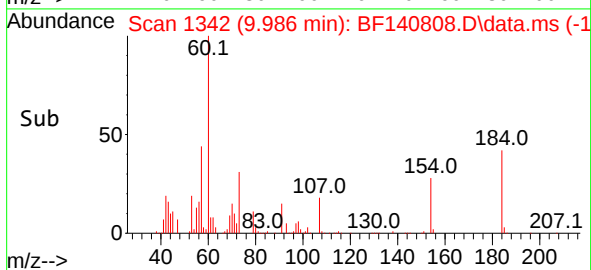
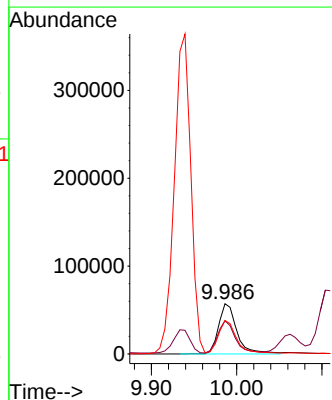
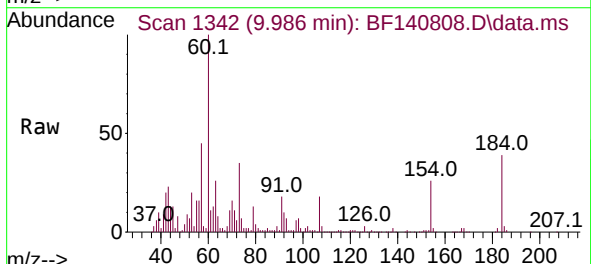
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

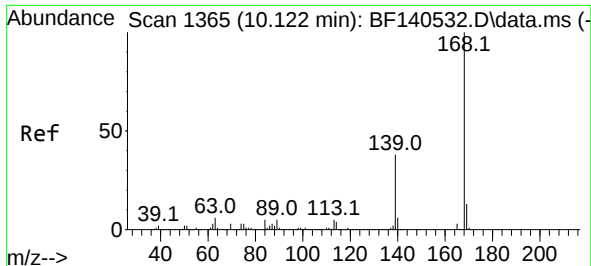
Tgt Ion:138 Resp: 6170
Ion Ratio Lower Upper
138 100
108 56.5 9.2 13.8#
92 116.8 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 61.433 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:184 Resp: 85371
Ion Ratio Lower Upper
184 100
63 66.2 54.1 81.1
154 66.5 57.4 86.0

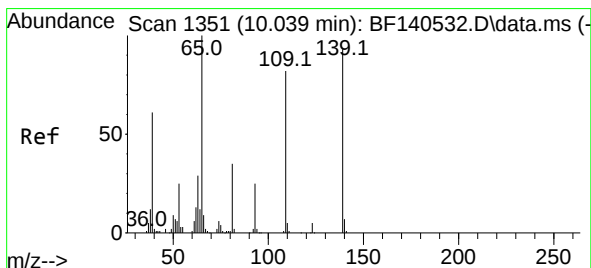
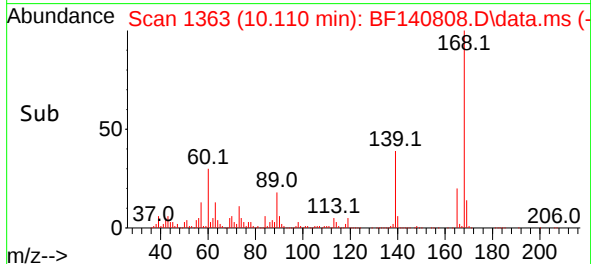
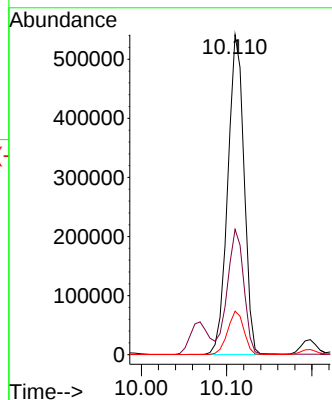
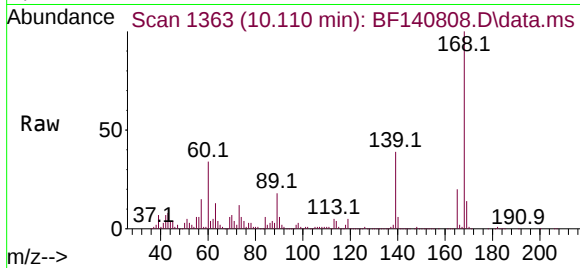




#55
Dibenzenofuran
Concen: 46.500 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

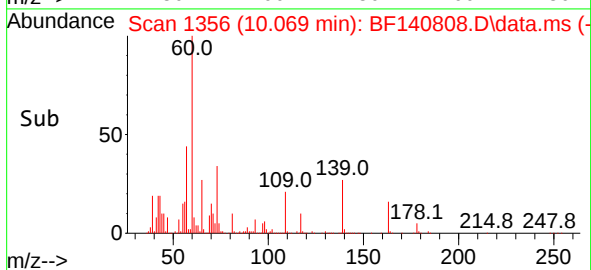
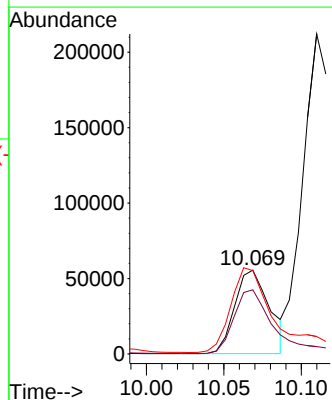
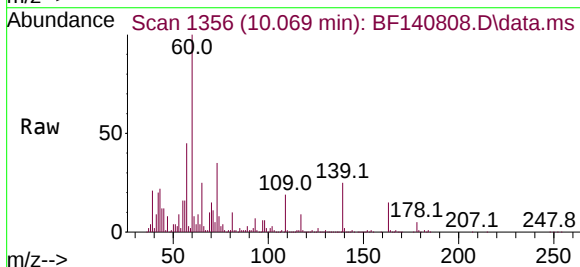
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

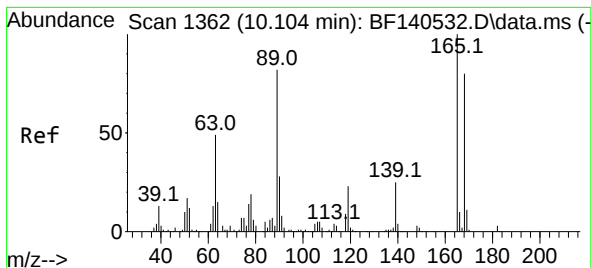
Tgt Ion:168 Resp: 715447
Ion Ratio Lower Upper
168 100
139 39.2 31.3 46.9
169 13.6 10.5 15.7



#56
4-Nitrophenol
Concen: 46.664 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.030 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:139 Resp: 86348
Ion Ratio Lower Upper
139 100
109 76.5 68.4 108.4
65 99.5 88.6 128.6

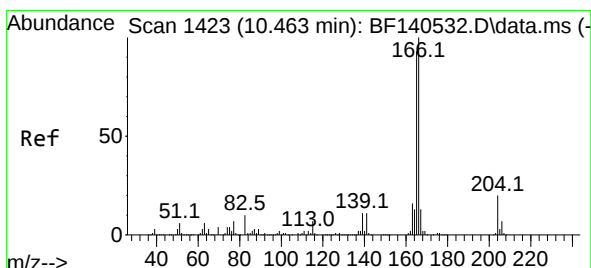
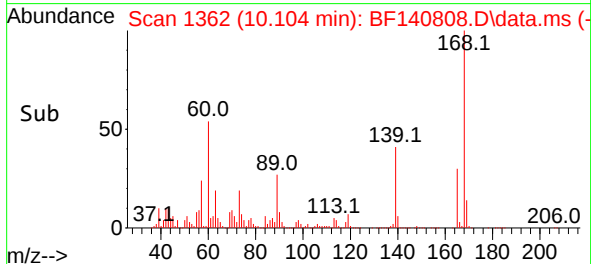
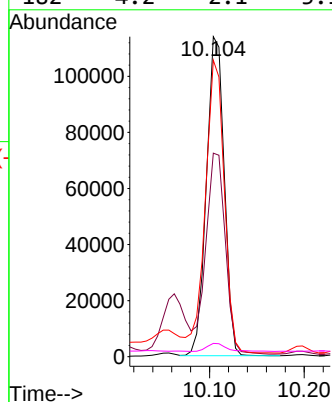
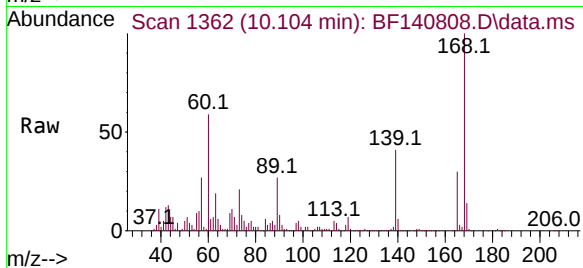




#57
2,4-Dinitrotoluene
Concen: 40.324 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

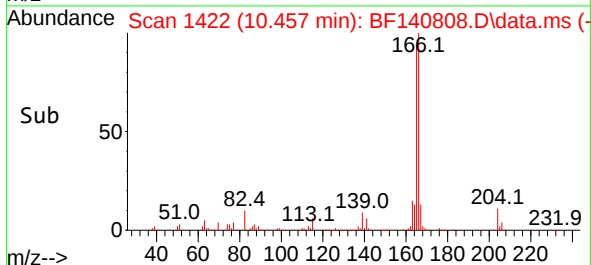
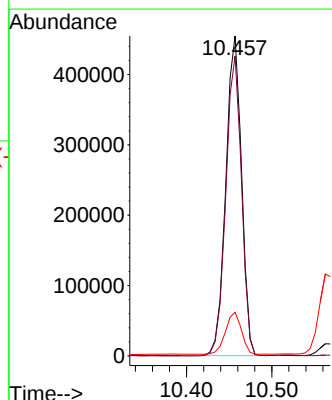
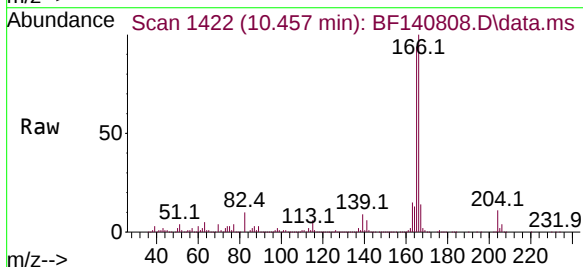
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

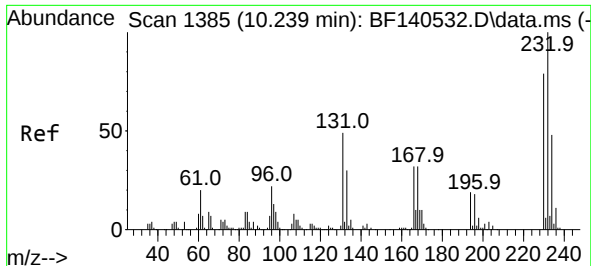
Tgt Ion:165 Resp: 148671
Ion Ratio Lower Upper
165 100
63 63.6 41.7 62.5#
89 92.6 65.8 98.8
182 4.2 2.1 3.1#



#58
Fluorene
Concen: 47.141 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

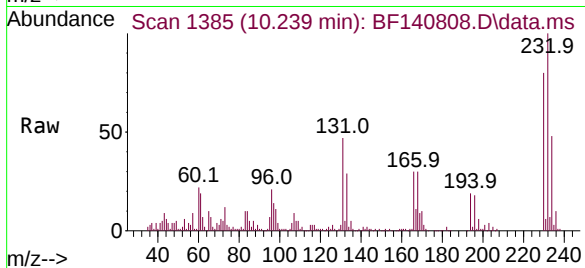
Tgt Ion:166 Resp: 582193
Ion Ratio Lower Upper
166 100
165 93.8 74.6 111.8
167 13.6 10.6 16.0



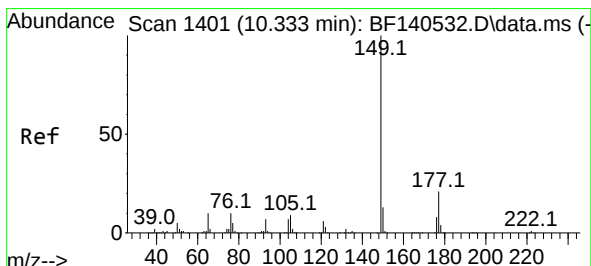
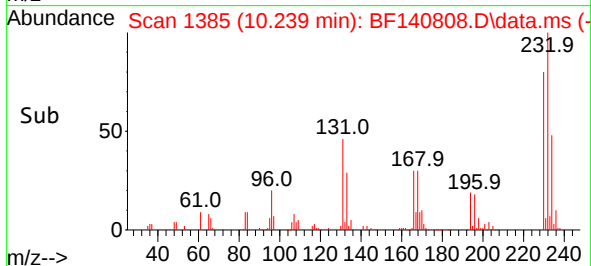
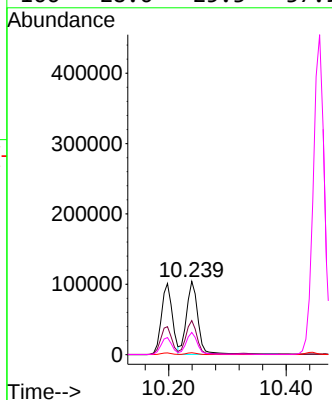


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.467 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

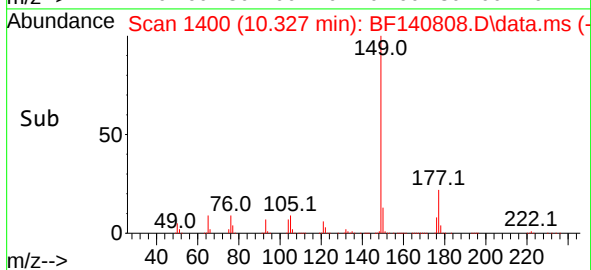
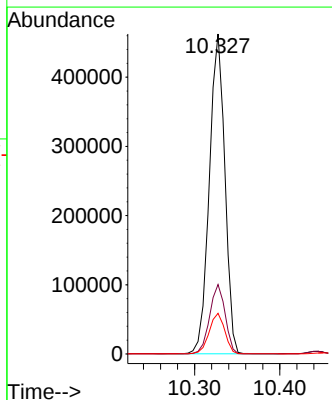
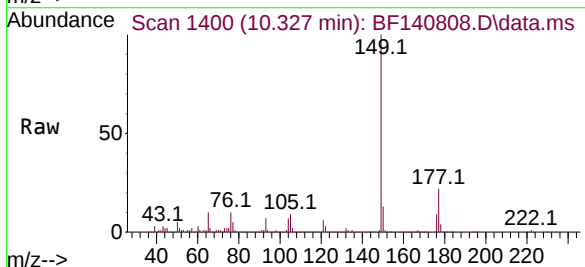


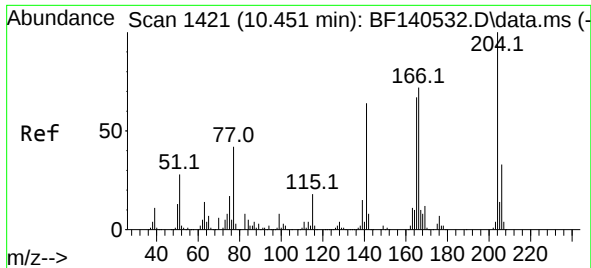
Tgt Ion:232 Resp: 140769
Ion Ratio Lower Upper
232 100
131 44.7 39.6 59.4
130 2.1 1.9 2.9
166 28.6 25.3 37.9



#60
Diethylphthalate
Concen: 47.010 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:149 Resp: 584233
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.7 10.1 15.1

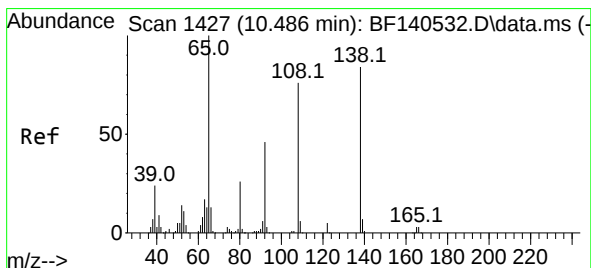
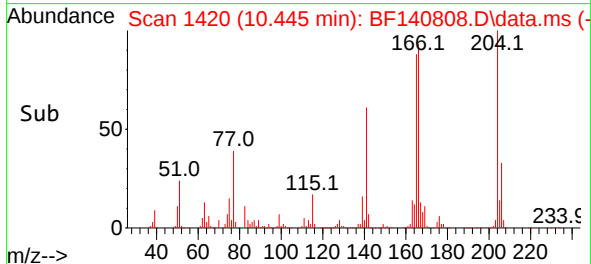
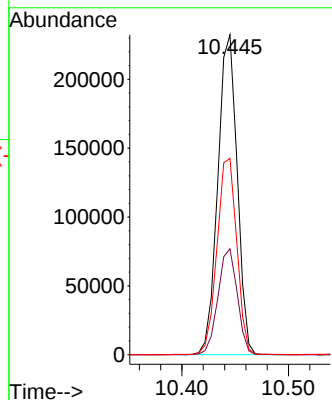
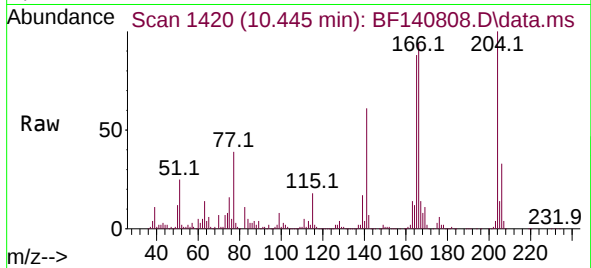




#61
4-Chlorophenyl-phenylether
Concen: 48.344 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

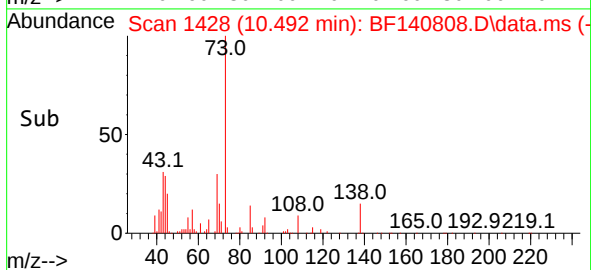
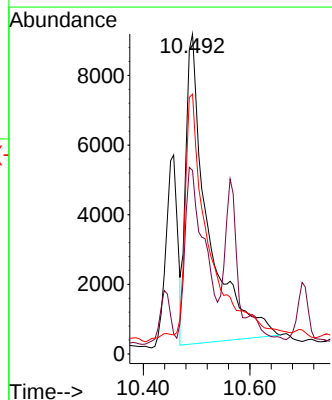
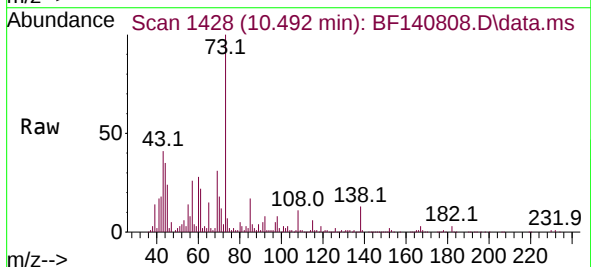
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

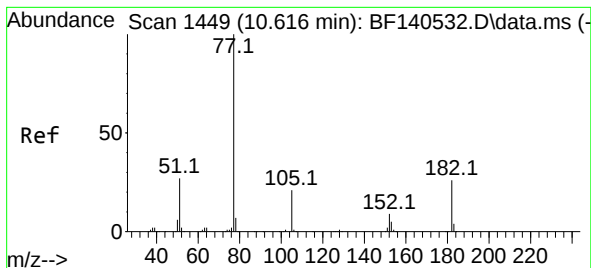
Tgt Ion:204 Resp: 293000
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 61.4 51.1 76.7



#62
4-Nitroaniline
Concen: 9.050 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:138 Resp: 25753
Ion Ratio Lower Upper
138 100
92 57.4 34.5 74.5
108 81.2 70.6 110.6





#63

Azobenzene

Concen: 46.753 ng

RT: 10.604 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

Tgt Ion: 77 Resp: 550243

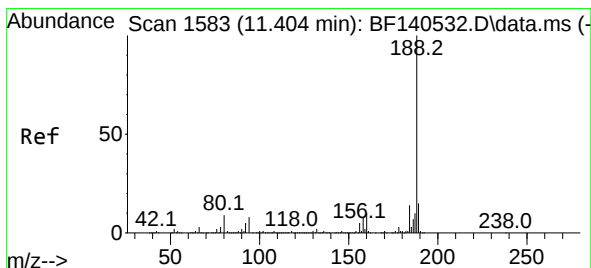
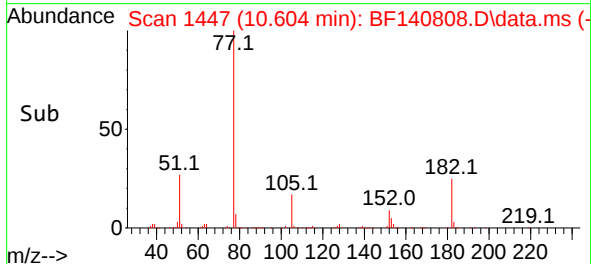
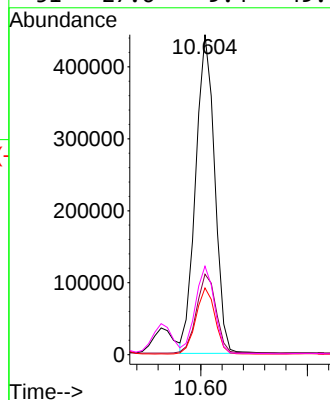
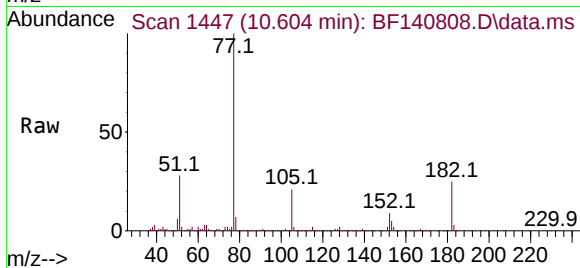
Ion Ratio Lower Upper

77 100

182 25.1 5.3 45.3

105 20.9 0.3 40.3

51 27.6 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

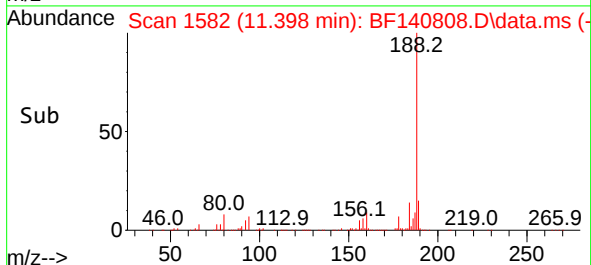
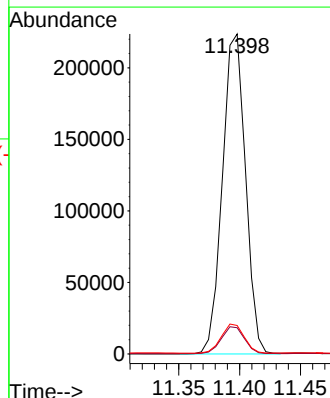
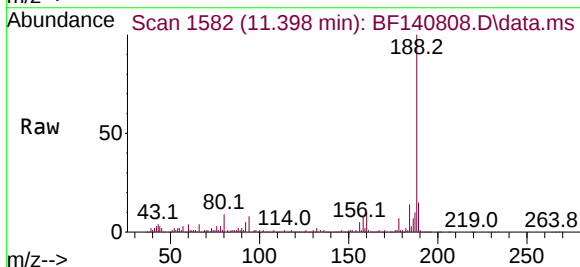
Tgt Ion: 188 Resp: 295264

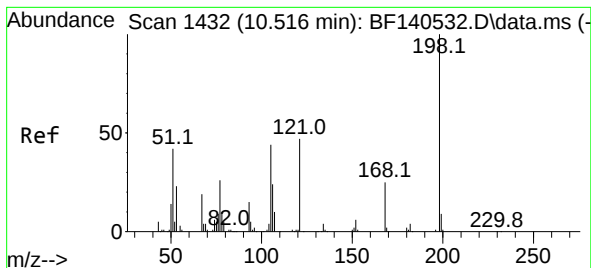
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.9 6.9 10.3

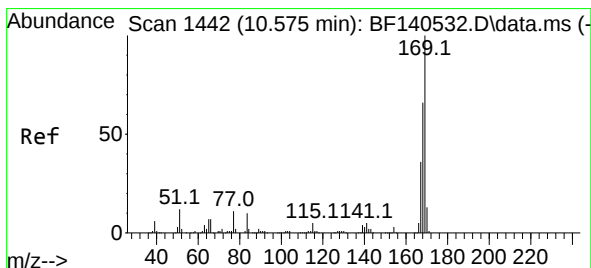
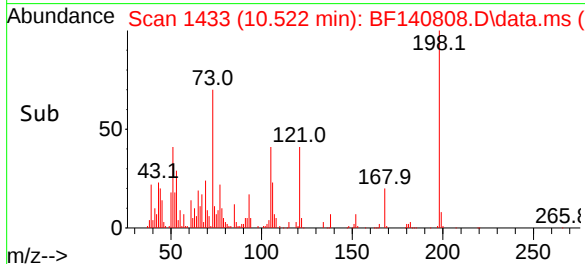
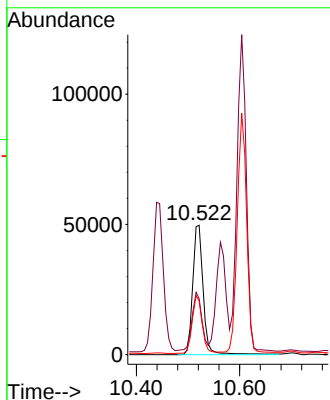
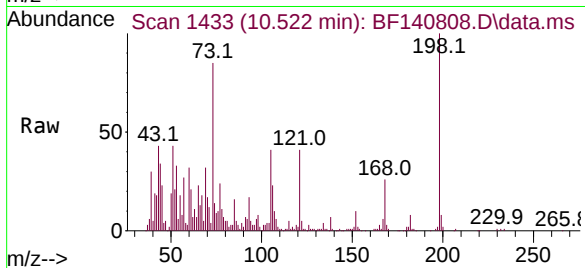




#65
4,6-Dinitro-2-methylphenol
Concen: 46.515 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

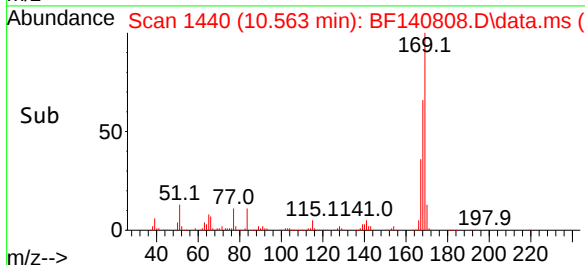
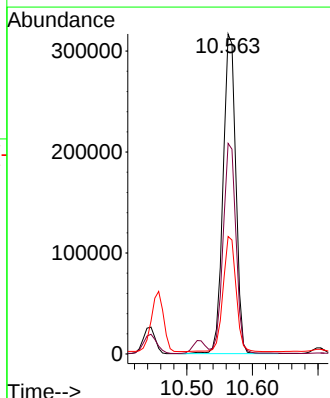
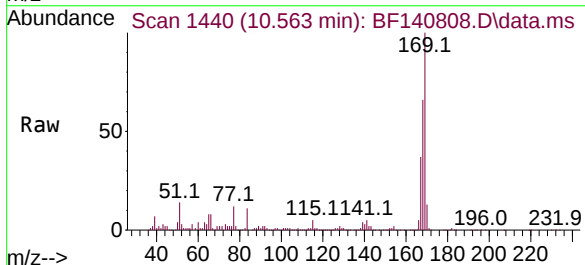
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

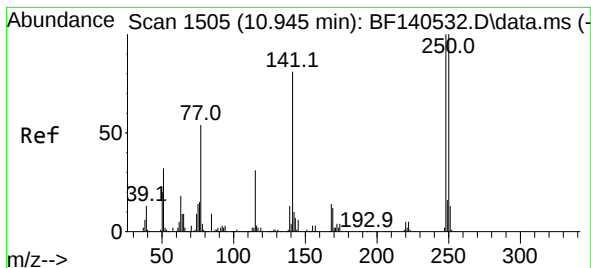
Tgt Ion:198 Resp: 70183
Ion Ratio Lower Upper
198 100
51 43.3 29.4 69.4
105 41.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 48.648 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

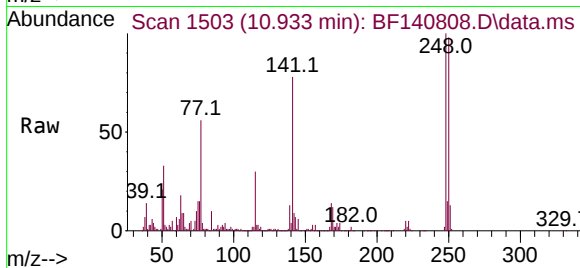
Tgt Ion:169 Resp: 424782
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 36.7 29.0 43.6



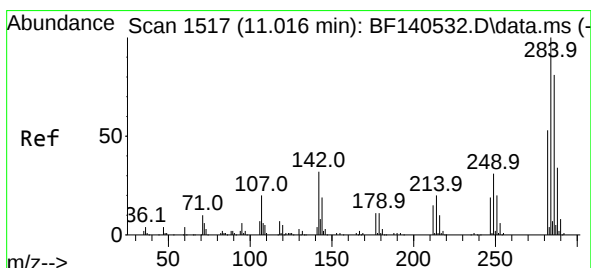
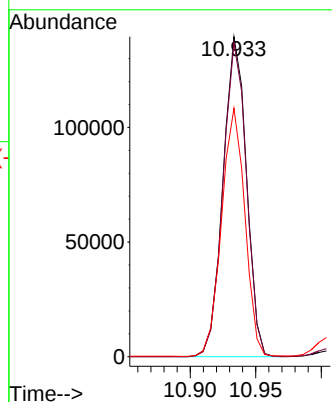
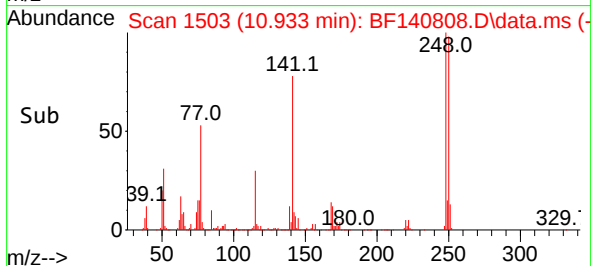


#67
4-Bromophenyl-phenylether
Concen: 56.935 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

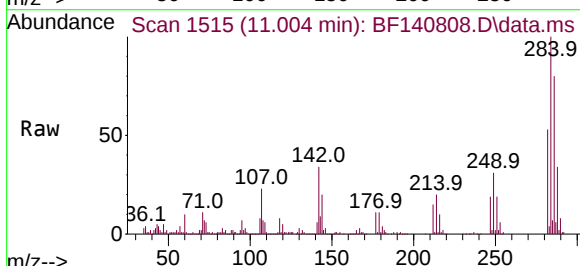
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD



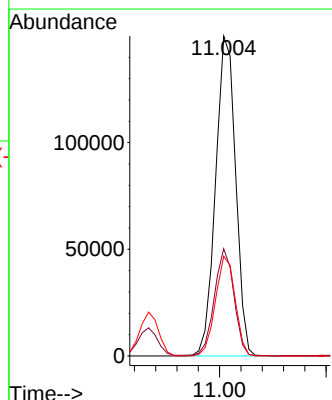
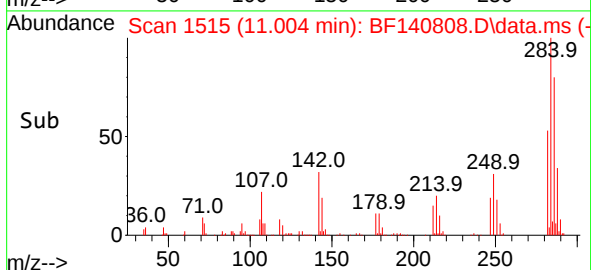
Tgt Ion:248 Resp: 173127
Ion Ratio Lower Upper
248 100
250 98.1 79.8 119.8
141 77.6 64.7 97.1

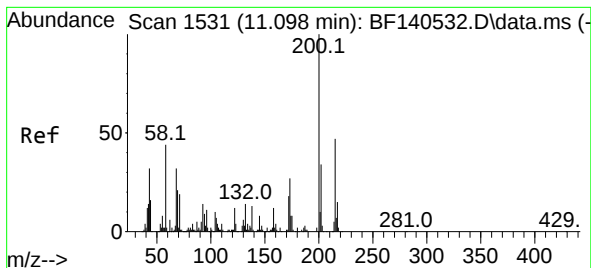


#68
Hexachlorobenzene
Concen: 55.501 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16



Tgt Ion:284 Resp: 195415
Ion Ratio Lower Upper
284 100
142 33.5 25.3 37.9
249 31.1 24.8 37.2





#69

Atrazine

Concen: 30.109 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140808.D

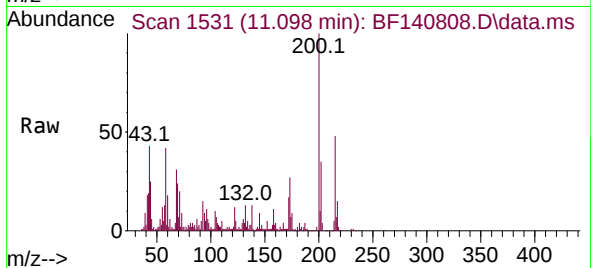
Acq: 10 Dec 2024 16:16

Instrument :

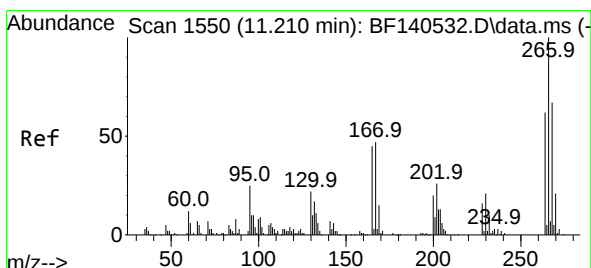
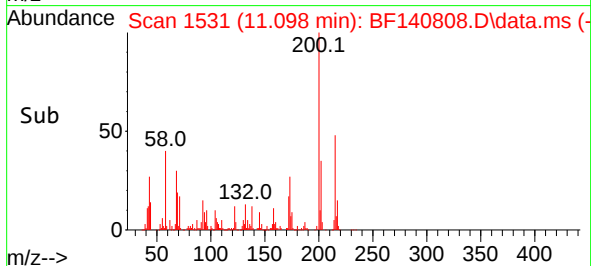
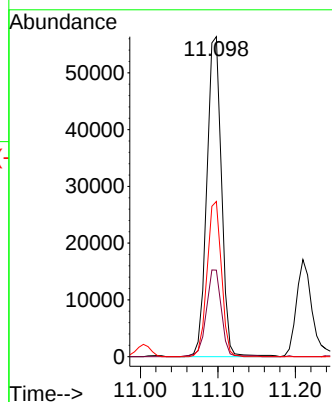
BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD



Tgt Ion:	200	Resp:	73961
Ion Ratio	Lower	Upper	
200	100		
173	27.0	7.0	47.0
215	48.5	26.7	66.7



#70

Pentachlorophenol

Concen: 89.818 ng

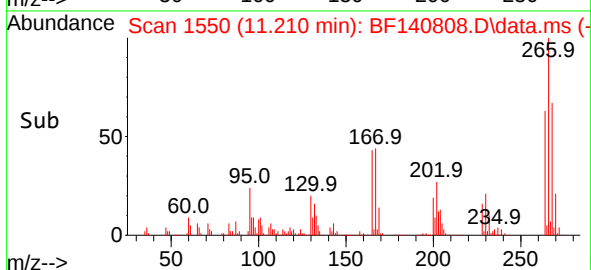
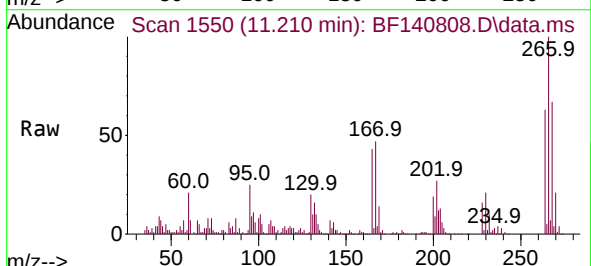
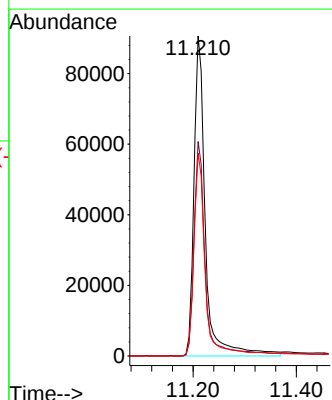
RT: 11.210 min Scan# 1550

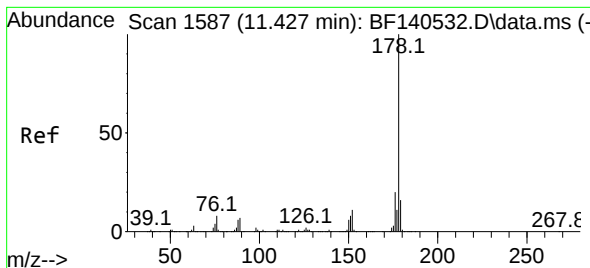
Delta R.T. -0.000 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Tgt Ion:	266	Resp:	139185
Ion Ratio	Lower	Upper	
266	100		
268	67.0	53.7	80.5
264	63.4	49.8	74.8





#71

Phenanthrene

Concen: 51.309 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

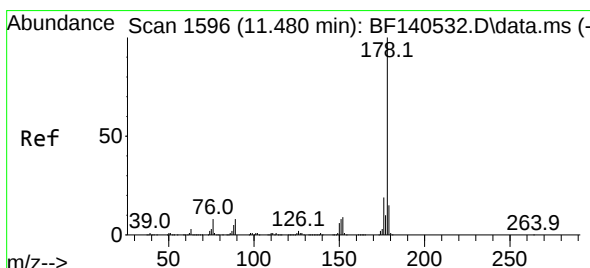
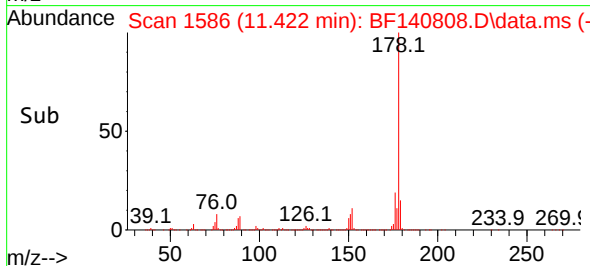
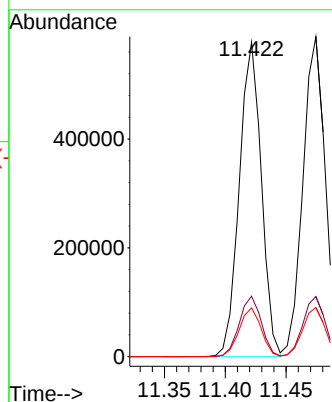
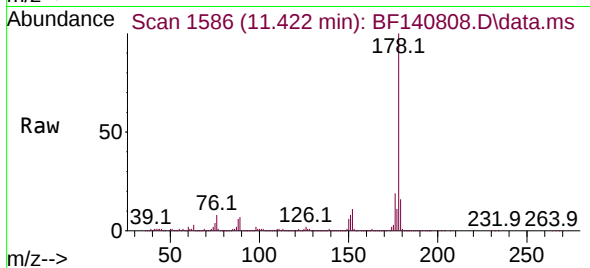
Tgt Ion:178 Resp: 728236

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

179 15.5 12.4 18.6



#72

Anthracene

Concen: 54.057 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

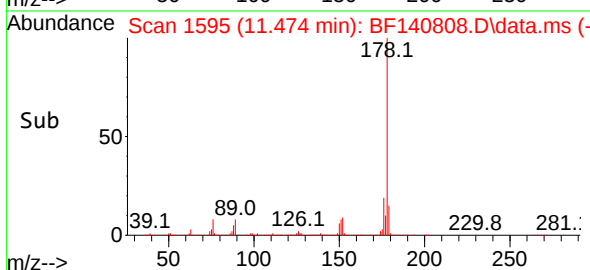
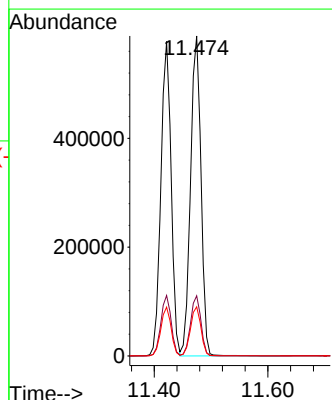
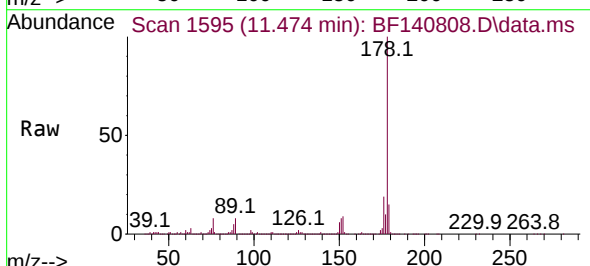
Tgt Ion:178 Resp: 750498

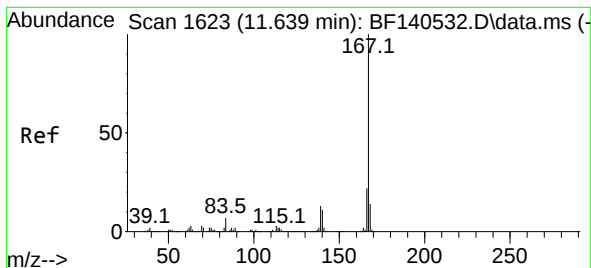
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.3 12.2 18.4





#73

Carbazole

Concen: 32.411 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

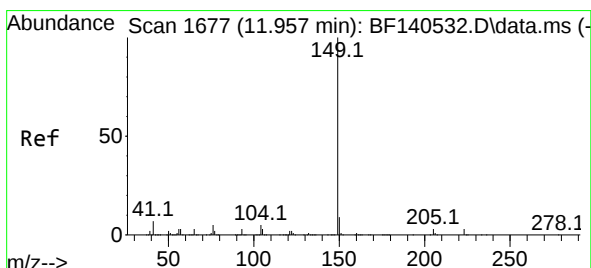
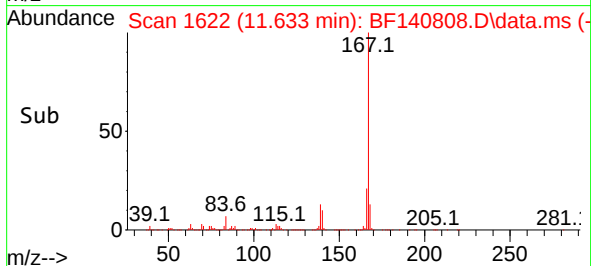
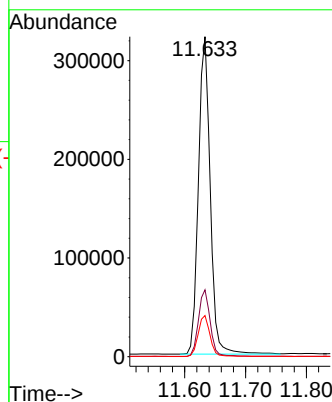
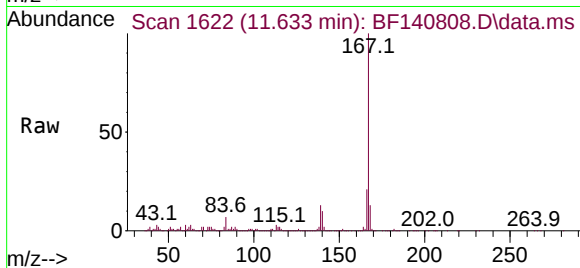
Tgt Ion:167 Resp: 432885

Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 46.373 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

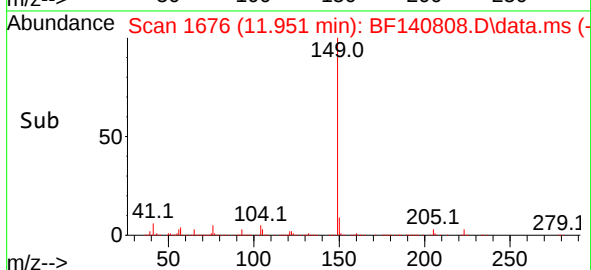
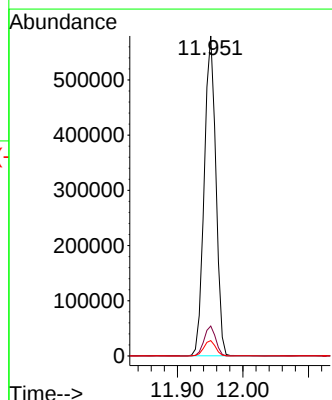
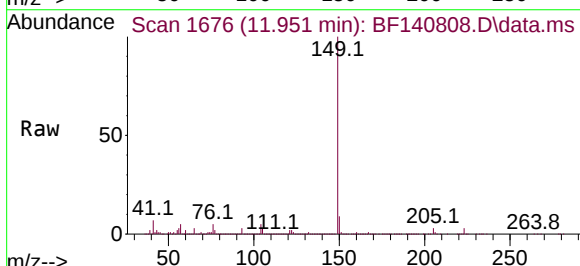
Tgt Ion:149 Resp: 715046

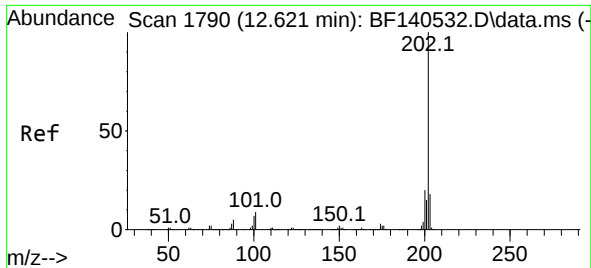
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.8 4.1 6.1

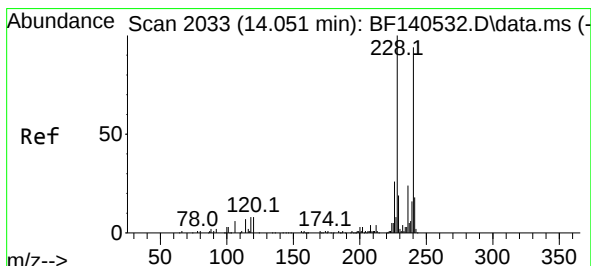
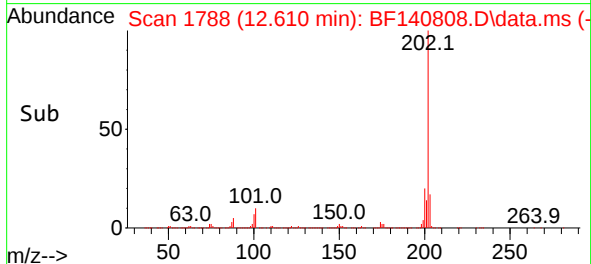
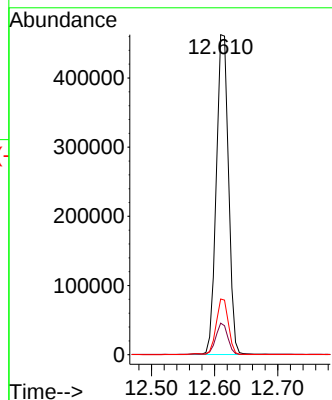
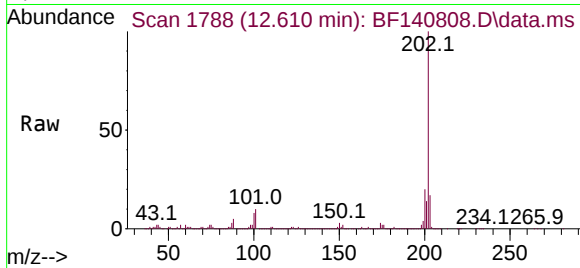




#75
Fluoranthene
Concen: 40.302 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

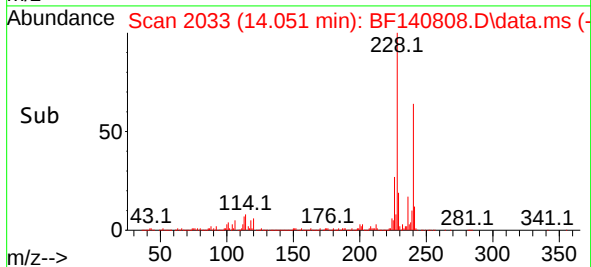
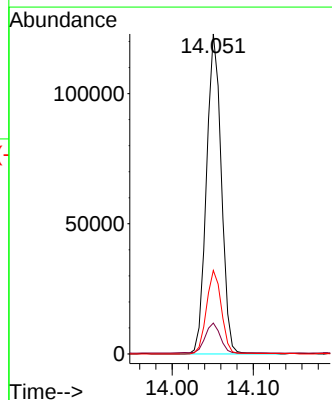
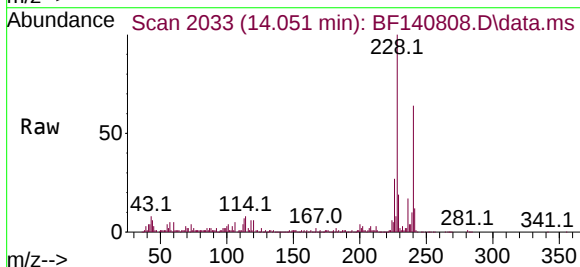
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

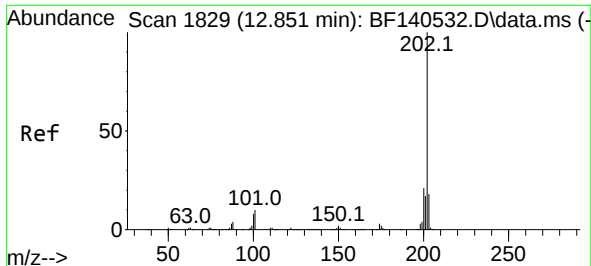
Tgt Ion:202 Resp: 621048
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.9
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:240 Resp: 155692
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.1 20.6 31.0

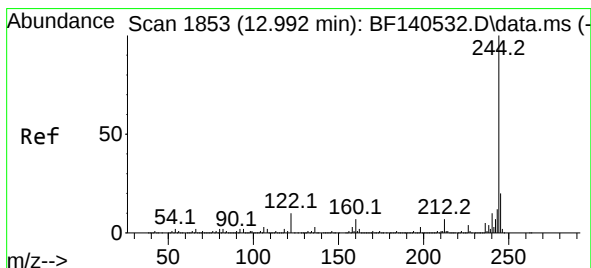
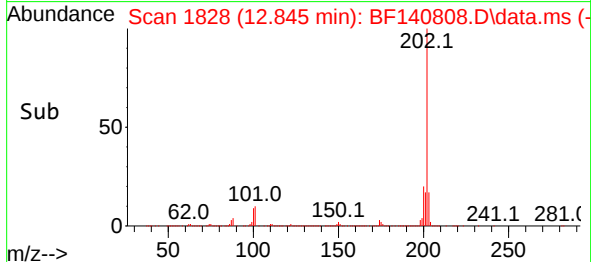
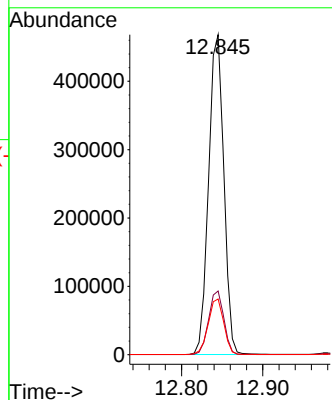
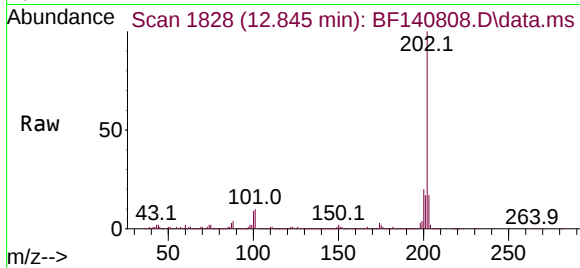




#78
 Pyrene
 Concen: 42.215 ng
 RT: 12.845 min Scan# 1828
 Delta R.T. -0.006 min
 Lab File: BF140808.D
 Acq: 10 Dec 2024 16:16

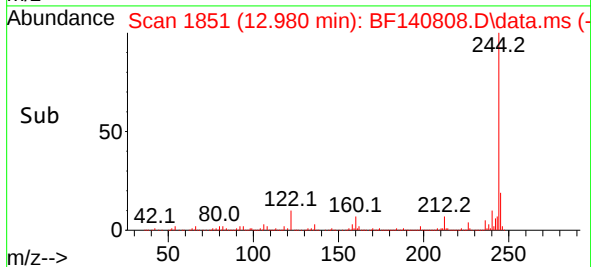
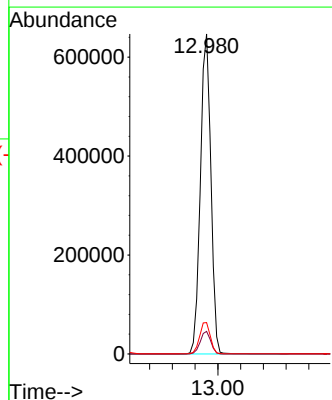
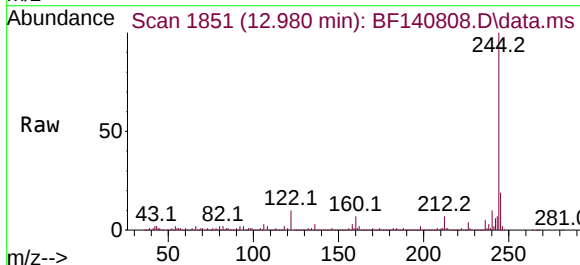
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

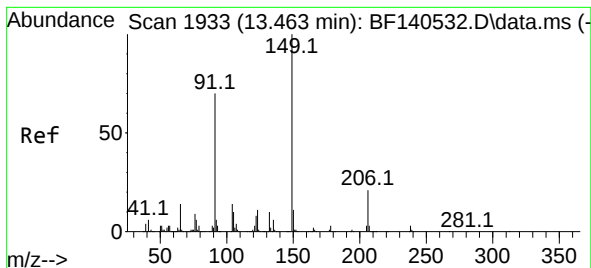
Tgt Ion:202 Resp: 607709
 Ion Ratio Lower Upper
 202 100
 200 19.9 16.5 24.7
 203 17.4 14.2 21.4



#79
 Terphenyl-d14
 Concen: 83.052 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140808.D
 Acq: 10 Dec 2024 16:16

Tgt Ion:244 Resp: 830411
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.8 8.0 12.0





#80

Butylbenzylphthalate

Concen: 45.647 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

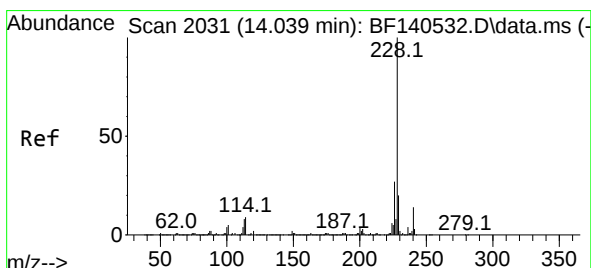
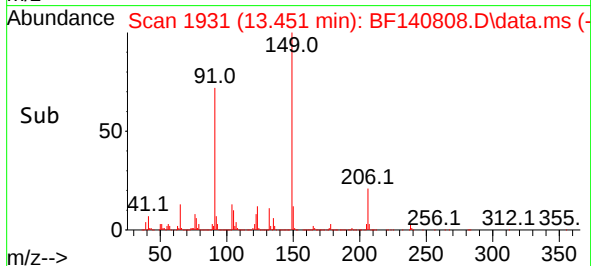
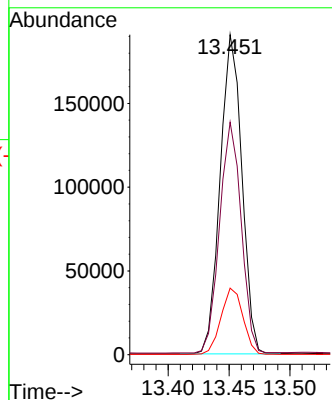
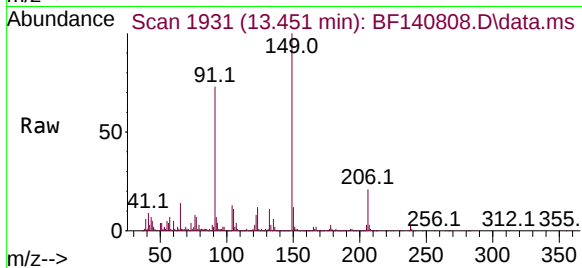
Tgt Ion:149 Resp: 236720

Ion Ratio Lower Upper

149 100

91 72.6 56.2 84.2

206 20.8 16.4 24.6



#81

Benzo(a)anthracene

Concen: 53.195 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

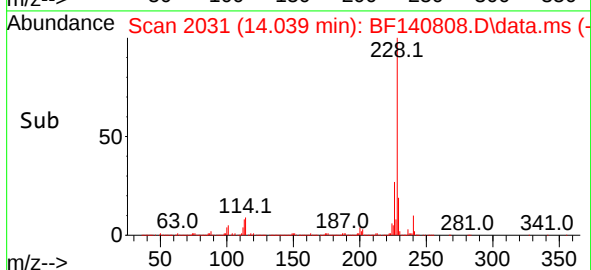
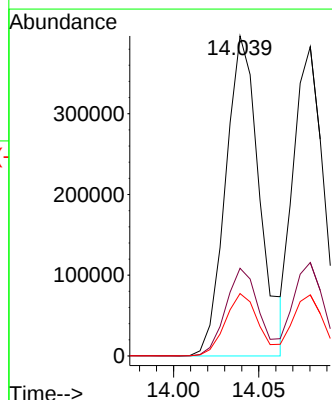
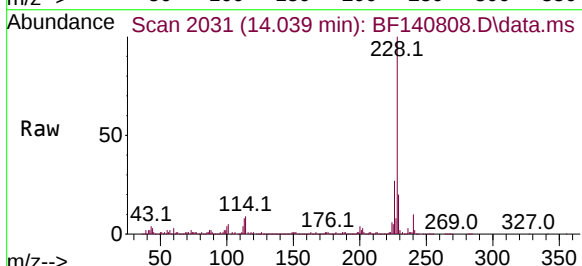
Tgt Ion:228 Resp: 548234

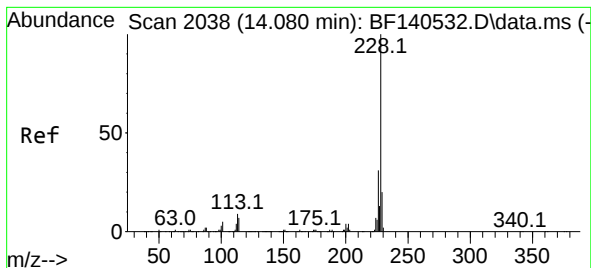
Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.5 15.8 23.6





#83

Chrysene

Concen: 49.752 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

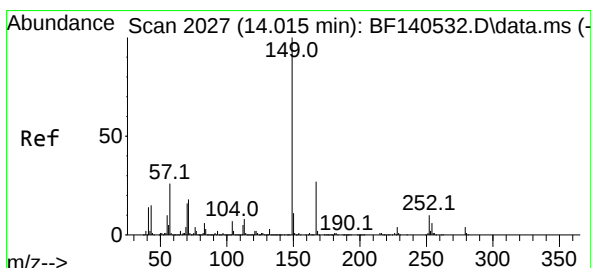
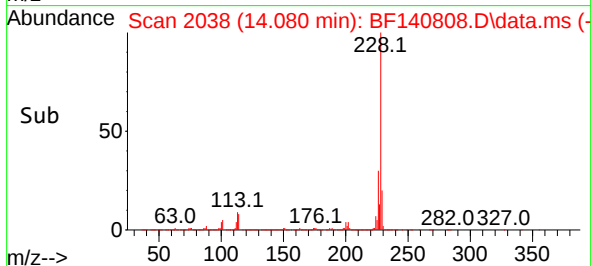
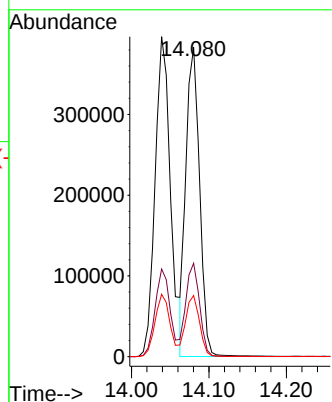
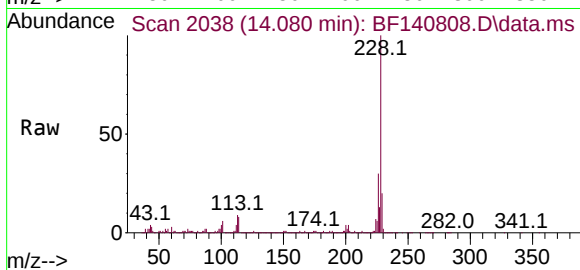
Tgt Ion:228 Resp: 468852

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.221 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

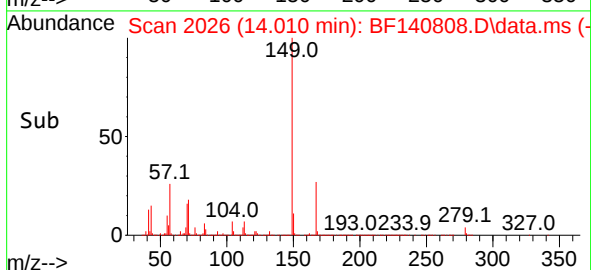
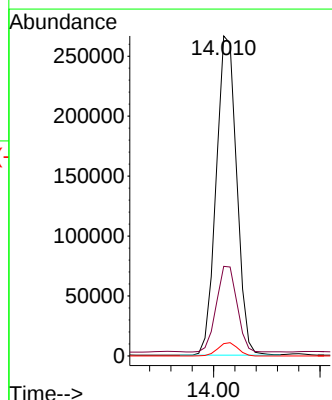
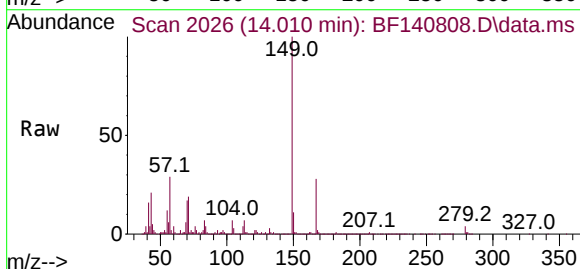
Tgt Ion:149 Resp: 355051

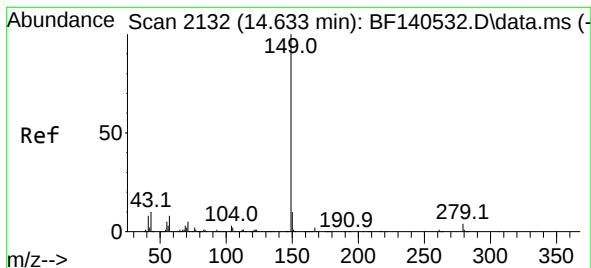
Ion Ratio Lower Upper

149 100

167 28.0 21.2 31.8

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 65.189 ng

RT: 14.645 min Scan# 2132

Delta R.T. 0.012 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

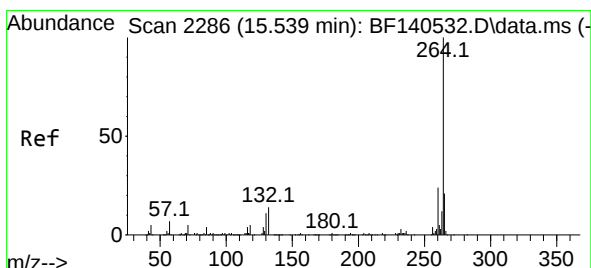
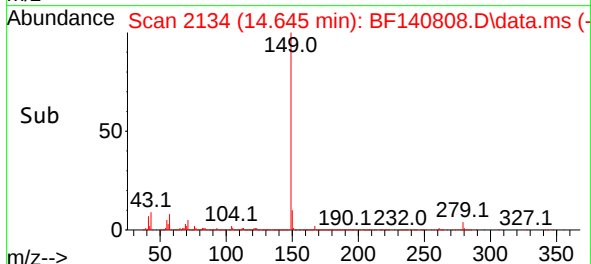
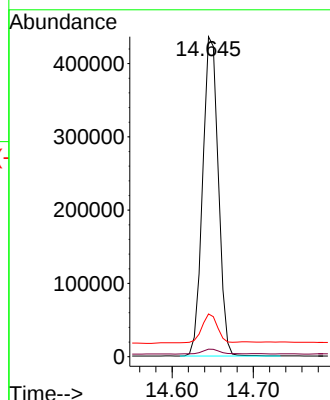
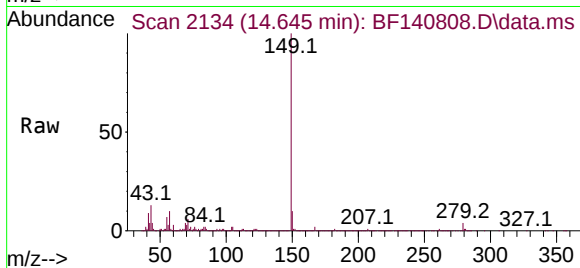
Tgt Ion:149 Resp: 583380

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 9.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.023 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

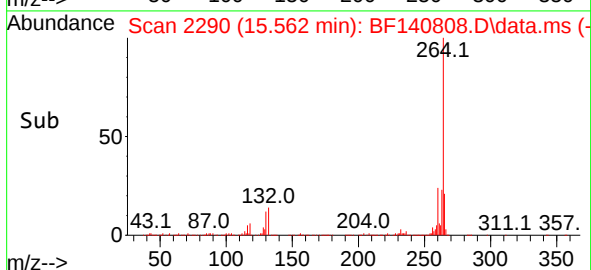
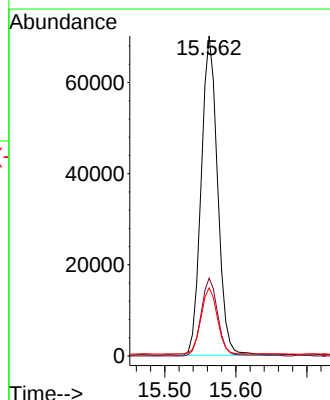
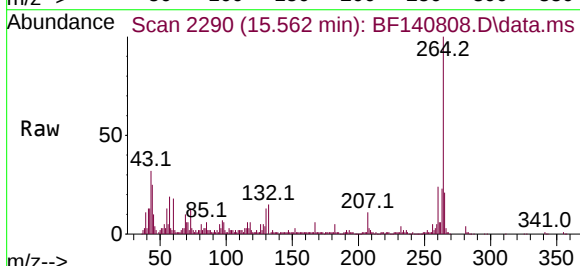
Tgt Ion:264 Resp: 112566

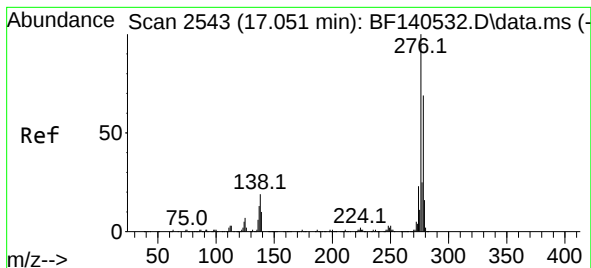
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.426 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

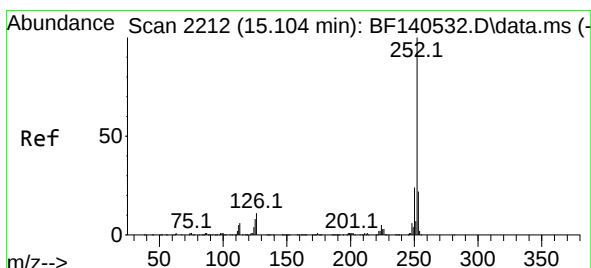
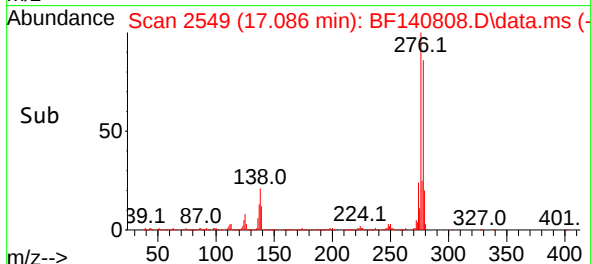
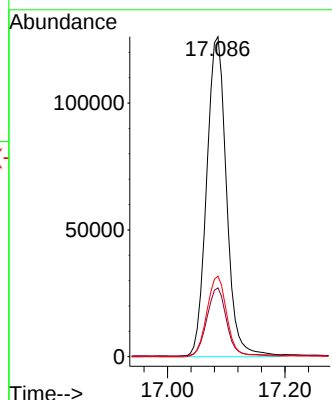
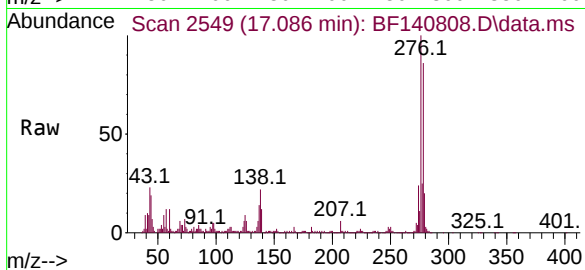
Tgt Ion:276 Resp: 296554

Ion Ratio Lower Upper

276 100

138 21.2 15.5 23.3

277 25.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 70.980 ng

RT: 15.121 min Scan# 2215

Delta R.T. 0.018 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

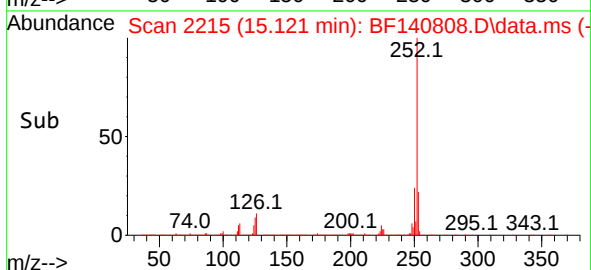
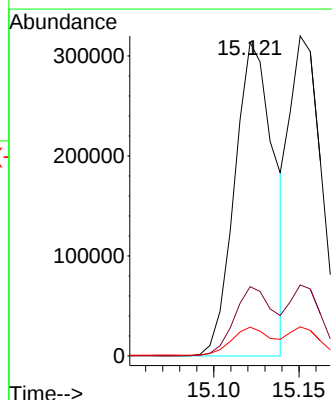
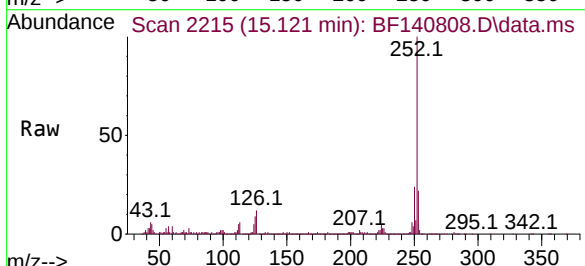
Tgt Ion:252 Resp: 501858

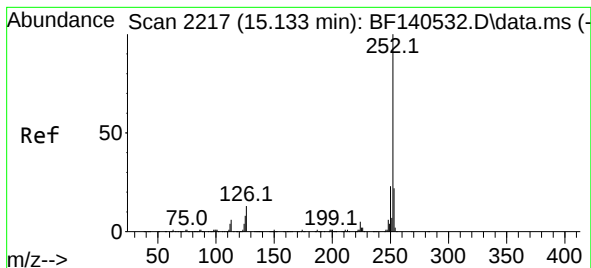
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 9.2 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 67.724 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

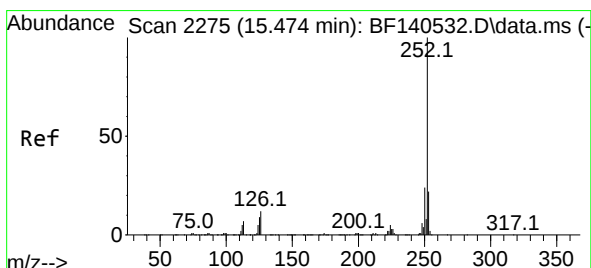
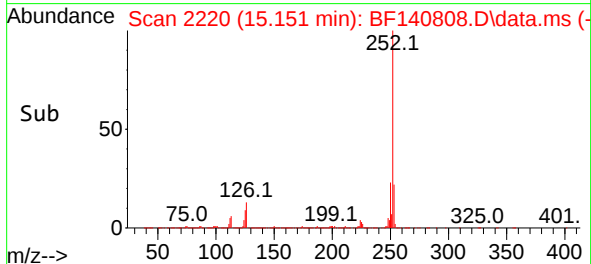
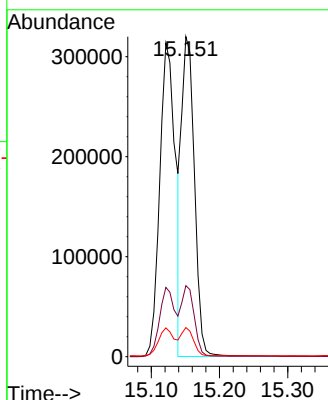
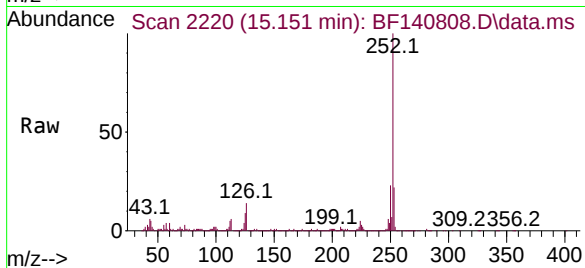
Tgt Ion:252 Resp: 419025

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.1 6.5 9.7



#90

Benzo(a)pyrene

Concen: 62.435 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.029 min

Lab File: BF140808.D

Acq: 10 Dec 2024 16:16

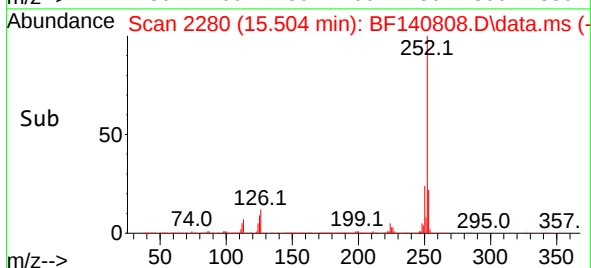
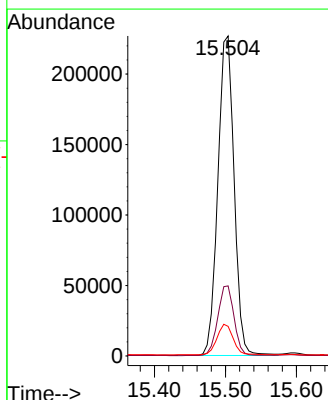
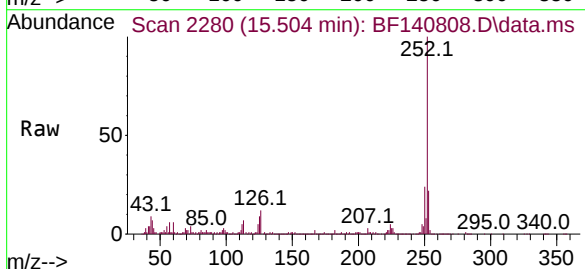
Tgt Ion:252 Resp: 358929

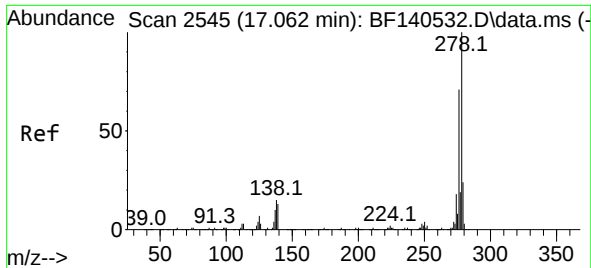
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.3 7.0 10.6

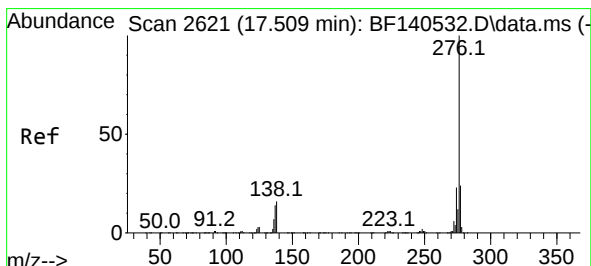
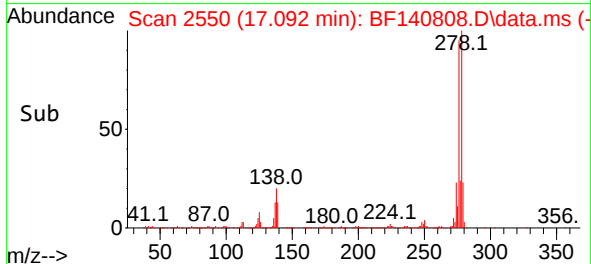
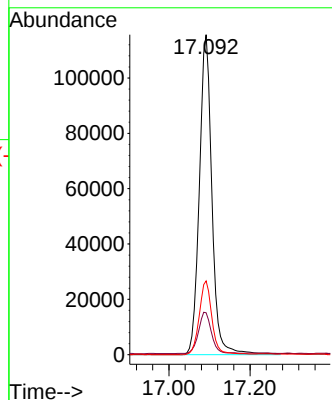
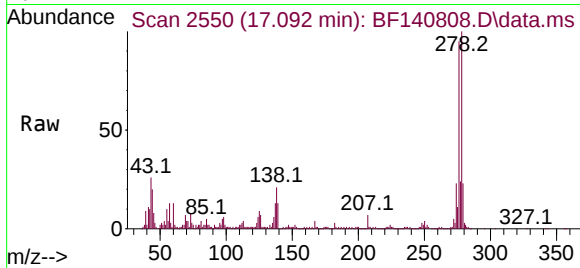




#91
Dibenzo(a,h)anthracene
Concen: 41.590 ng
RT: 17.092 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Tgt Ion:278 Resp: 249862
Ion Ratio Lower Upper
278 100
139 13.1 10.2 15.4
279 23.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 34.243 ng
RT: 17.545 min Scan# 2627
Delta R.T. 0.035 min
Lab File: BF140808.D
Acq: 10 Dec 2024 16:16

Tgt Ion:276 Resp: 209930
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 17.4 13.2 19.8

