

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139963.D
 Acq On : 23 Oct 2024 14:33
 Operator : RC/JU
 Sample : PB164286BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164286BS

Quant Time: Oct 23 15:04:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	158593	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	620873	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	350222	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	635882	20.000	ng	0.00
76) Chrysene-d12	14.057	240	319612	20.000	ng	0.00
86) Perylene-d12	15.533	264	347575	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1248672	123.258	ng	0.02
7) Phenol-d6	6.516	99	1574829	120.026	ng	0.00
23) Nitrobenzene-d5	7.451	82	1028527	91.814	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	482928	147.420	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1833539	86.525	ng	0.00
79) Terphenyl-d14	12.998	244	1877217	95.706	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.763	88	175724	37.203	ng 94
3) Pyridine	3.522	79	462499	39.504	ng 96
4) n-Nitrosodimethylamine	3.469	42	256555	40.786	ng 99
6) Aniline	6.551	93	572321	46.803	ng 98
8) 2-Chlorophenol	6.675	128	470973	45.476	ng 97
9) Benzaldehyde	6.440	77	100752	13.650	ng 96
10) Phenol	6.528	94	600301	44.379	ng 99
11) bis(2-Chloroethyl)ether	6.628	93	449836	43.025	ng 98
12) 1,3-Dichlorobenzene	6.834	146	503588	42.360	ng 99
13) 1,4-Dichlorobenzene	6.910	146	511955	43.104	ng 99
14) 1,2-Dichlorobenzene	7.057	146	489916	44.196	ng 99
15) Benzyl Alcohol	7.028	79	428535	44.525	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	745202	41.800	ng 97
17) 2-Methylphenol	7.134	107	387922	43.927	ng 99
18) Hexachloroethane	7.404	117	184304	43.515	ng 97
19) n-Nitroso-di-n-propyla...	7.304	70	335625	42.176	ng 95
20) 3+4-Methylphenols	7.287	107	474544	42.012	ng 92
22) Acetophenone	7.298	105	644789	42.400	ng 98
24) Nitrobenzene	7.469	77	517121	42.103	ng 100
25) Isophorone	7.710	82	928529	43.671	ng 99
26) 2-Nitrophenol	7.787	139	243091	52.464	ng 95
27) 2,4-Dimethylphenol	7.816	122	395771	51.225	ng 100
28) bis(2-Chloroethoxy)met...	7.916	93	547368	42.491	ng 100
29) 2,4-Dichlorophenol	8.022	162	388777	44.178	ng 99
30) 1,2,4-Trichlorobenzene	8.110	180	408692	41.971	ng 100
31) Naphthalene	8.193	128	1371252	42.824	ng 100
32) Benzoic acid	7.928	122	303453	45.032	ng 97
33) 4-Chloroaniline	8.240	127	359722	32.945	ng 98
34) Hexachlorobutadiene	8.310	225	262325	42.876	ng 100
35) Caprolactam	8.604	113	81355	29.074	ng 93
36) 4-Chloro-3-methylphenol	8.716	107	430883	44.218	ng 97
37) 2-Methylnaphthalene	8.887	142	857996	43.751	ng 99
38) 1-Methylnaphthalene	8.987	142	798971	41.525	ng 99
40) 1,2,4,5-Tetrachloroben...	9.051	216	402191	42.567	ng 99
41) Hexachlorocyclopentadiene	9.040	237	525230	159.761	ng 99
43) 2,4,6-Trichlorophenol	9.157	196	311582	46.578	ng 99

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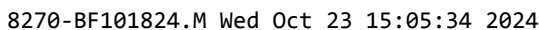
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	308415	44.687	ng	99
46) 1,1'-Biphenyl	9.351	154	1042962	42.778	ng	99
47) 2-Chloronaphthalene	9.375	162	827583	42.145	ng	100
48) 2-Nitroaniline	9.469	65	292014	48.623	ng	92
49) Acenaphthylene	9.792	152	1296649	45.675	ng	100
50) Dimethylphthalate	9.651	163	984207	45.117	ng	100
51) 2,6-Dinitrotoluene	9.710	165	220063	46.591	ng	95
52) Acenaphthene	9.963	154	901159	49.071	ng	100
53) 3-Nitroaniline	9.875	138	177145	36.368	ng	97
54) 2,4-Dinitrophenol	9.986	184	232244	115.216	ng	# 1
55) Dibenzofuran	10.134	168	1145279	43.467	ng	99
56) 4-Nitrophenol	10.034	139	362307	96.682	ng	98
57) 2,4-Dinitrotoluene	10.116	165	295318	50.843	ng	96
58) Fluorene	10.481	166	870747	43.389	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	264684	48.921	ng	96
60) Diethylphthalate	10.351	149	945782	44.157	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	447598	44.165	ng	97
62) 4-Nitroaniline	10.492	138	224753	48.856	ng	96
63) Azobenzene	10.628	77	963247	42.420	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	158383	61.064	ng	89
66) n-Nitrosodiphenylamine	10.586	169	820984	43.138	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	288868	44.097	ng	97
68) Hexachlorobenzene	11.022	284	325983	44.247	ng	99
69) Atrazine	11.116	200	265737	51.545	ng	99
70) Pentachlorophenol	11.216	266	400627	89.599	ng	100
71) Phenanthrene	11.439	178	1301995	43.347	ng	100
72) Anthracene	11.492	178	1321841	45.105	ng	100
73) Carbazole	11.645	167	1132997	41.570	ng	99
74) Di-n-butylphthalate	11.975	149	1373983	43.634	ng	100
75) Fluoranthene	12.628	202	1258467	41.445	ng	100
77) Benzidine	12.745	184	417992	79.534	ng	99
78) Pyrene	12.857	202	1262248	45.118	ng	100
80) Butylbenzylphthalate	13.475	149	406282	48.439	ng	98
81) Benzo(a)anthracene	14.045	228	948731	45.600	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	244157	40.249	ng	99
83) Chrysene	14.080	228	852715	44.700	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	467356	49.664	ng	99
85) Di-n-octyl phthalate	14.645	149	808706	47.248	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1080680	48.330	ng	98
88) Benzo(b)fluoranthene	15.098	252	950470	44.891	ng	100
89) Benzo(k)fluoranthene	15.127	252	757041	41.459	ng	100
90) Benzo(a)pyrene	15.469	252	832975	47.813	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	885004	47.444	ng	99
92) Benzo(g,h,i)perylene	17.486	276	809408	43.441	ng	99

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

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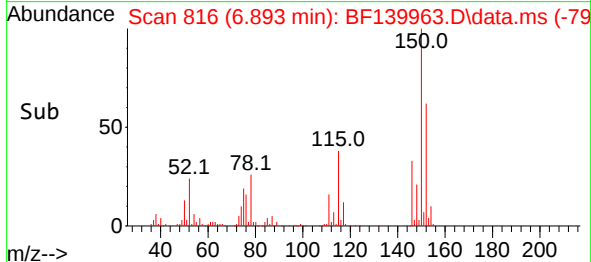
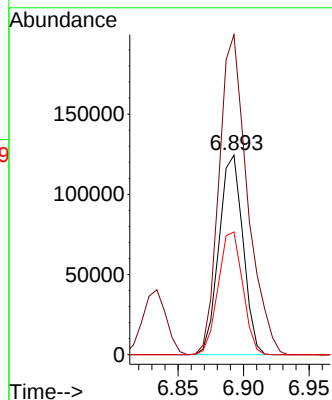
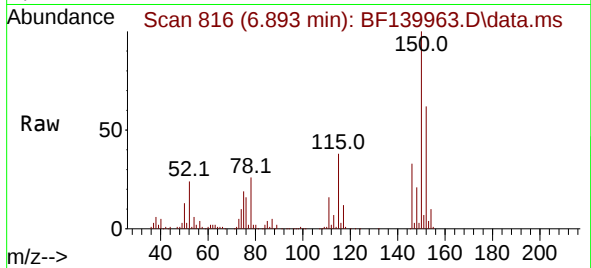




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

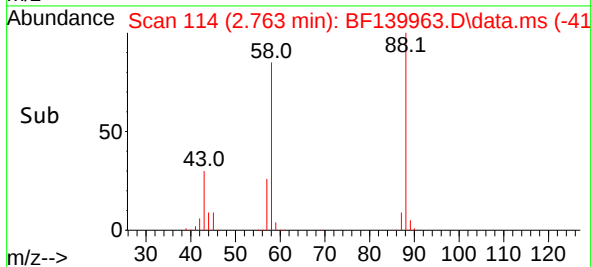
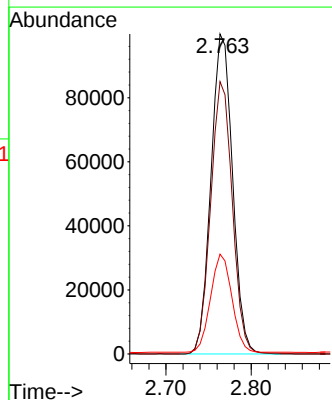
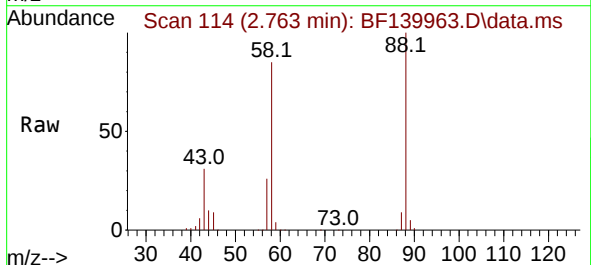
Instrument :
BNA_F
ClientSampleId :
PB164286BS

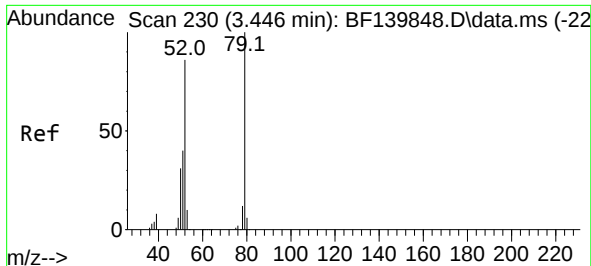
Tgt Ion:152 Resp: 158593
Ion Ratio Lower Upper
152 100
150 160.4 130.2 195.2
115 61.5 51.4 77.2



#2
1,4-Dioxane
Concen: 37.203 ng
RT: 2.763 min Scan# 114
Delta R.T. 0.077 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion: 88 Resp: 175724
Ion Ratio Lower Upper
88 100
58 85.7 73.3 109.9
43 30.3 27.1 40.7

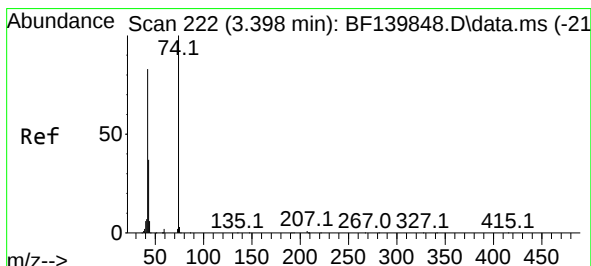
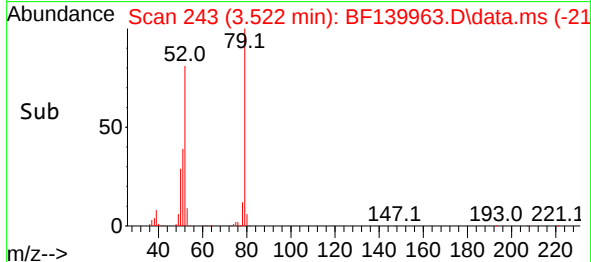
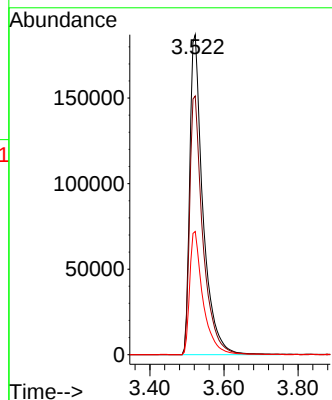
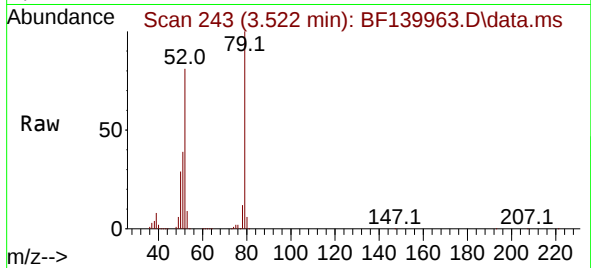




#3
Pyridine
Concen: 39.504 ng
RT: 3.522 min Scan# 24
Delta R.T. 0.077 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

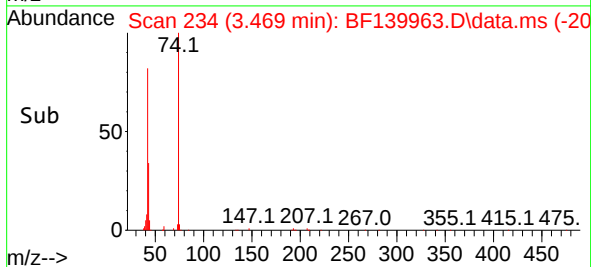
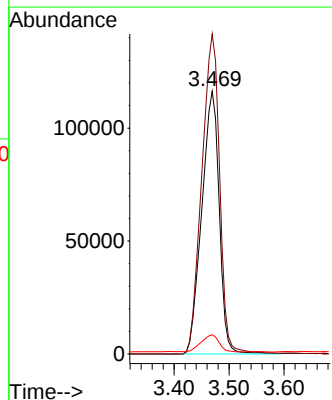
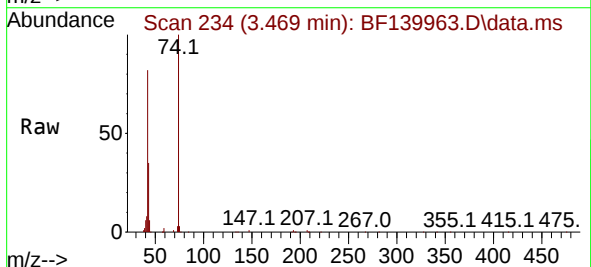
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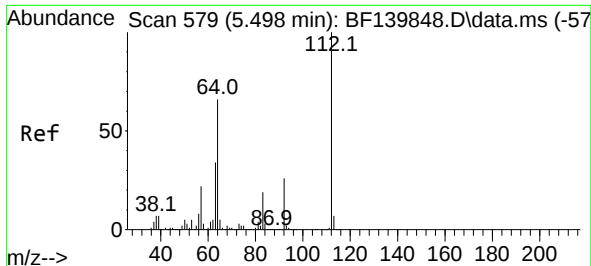
Tgt Ion: 79 Resp: 462499
Ion Ratio Lower Upper
79 100
52 80.9 68.5 102.7
51 38.5 32.3 48.5



#4
n-Nitrosodimethylamine
Concen: 40.786 ng
RT: 3.469 min Scan# 234
Delta R.T. 0.071 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion: 42 Resp: 256555
Ion Ratio Lower Upper
42 100
74 121.8 96.2 144.4
44 7.3 6.2 9.2

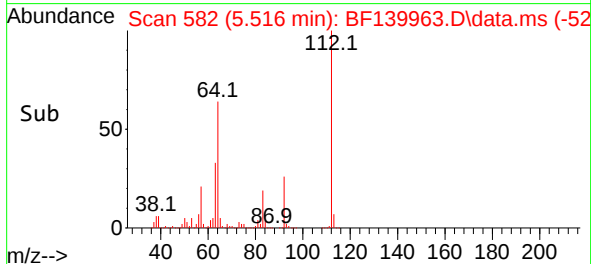
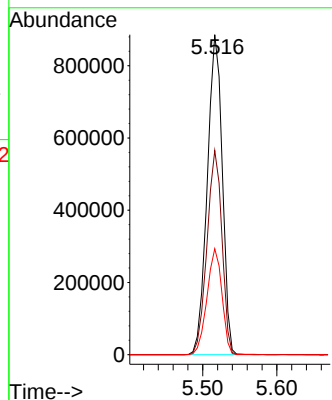
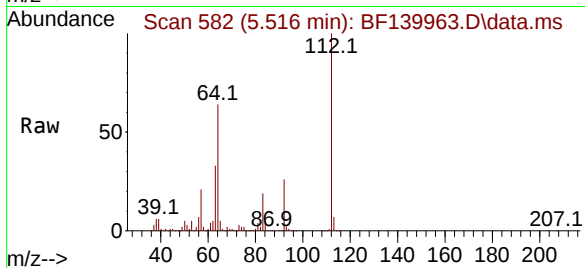




#5
2-Fluorophenol
Concen: 123.258 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

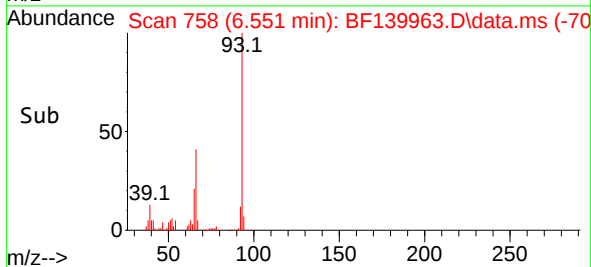
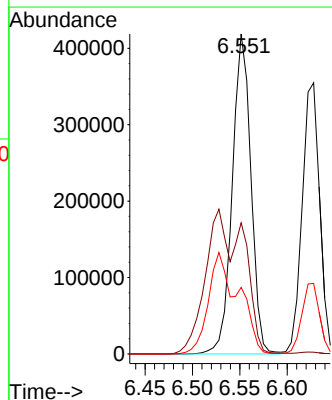
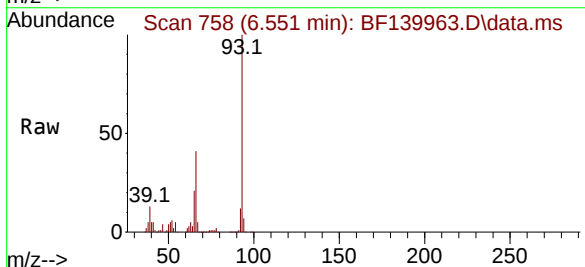
Instrument :
BNA_F
ClientSampleId :
PB164286BS

Tgt Ion:112 Resp: 1248672
Ion Ratio Lower Upper
112 100
64 63.8 53.0 79.6
63 33.1 27.0 40.4



#6
Aniline
Concen: 46.803 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion: 93 Resp: 572321
Ion Ratio Lower Upper
93 100
66 41.0 34.0 51.0
65 20.8 17.4 26.0



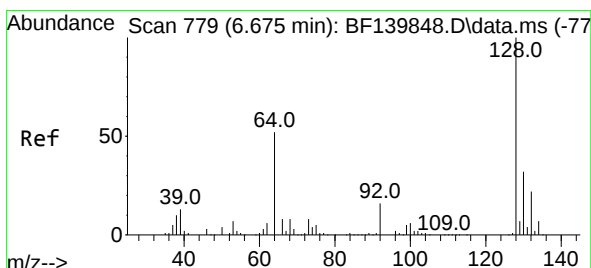
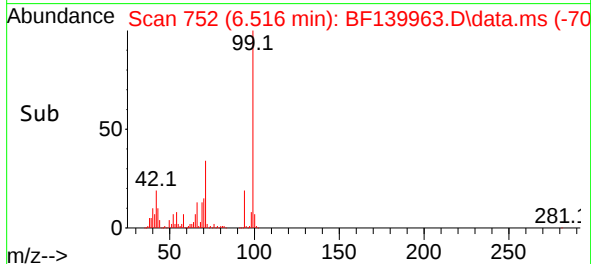
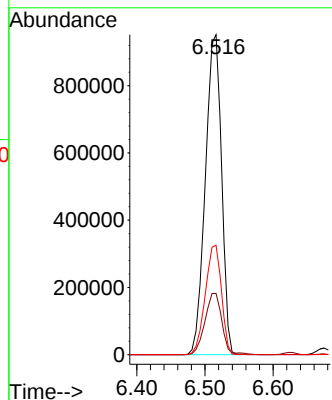
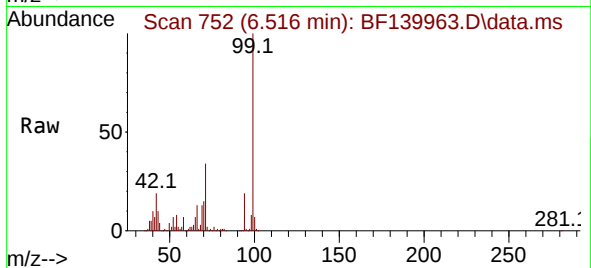


#7
Phenol-d6
Concen: 120.026 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1574829

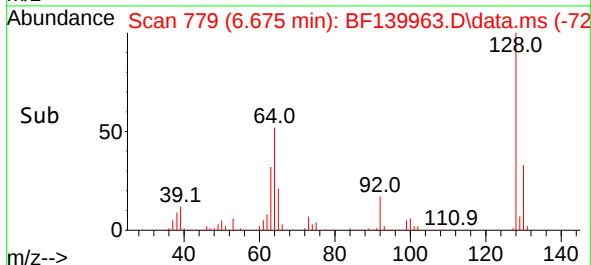
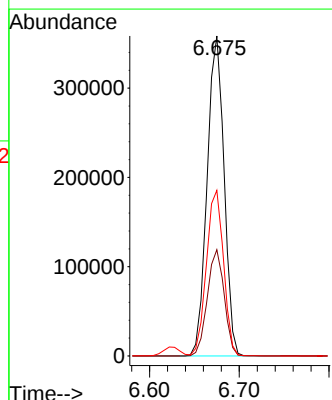
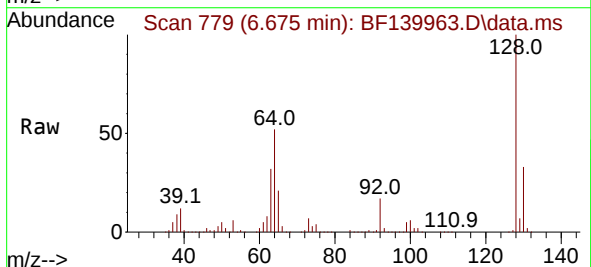
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.7	25.1
71	34.2	27.7	41.5



#8
2-Chlorophenol
Concen: 45.476 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion: 128 Resp: 470973

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.3	52.3
64	51.7	34.6	74.6

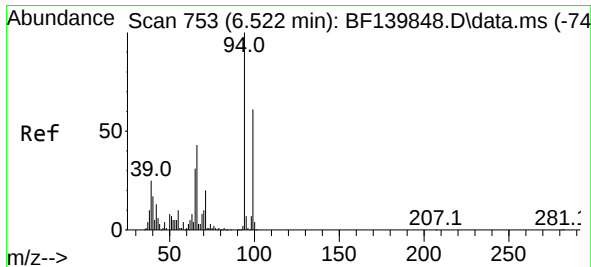
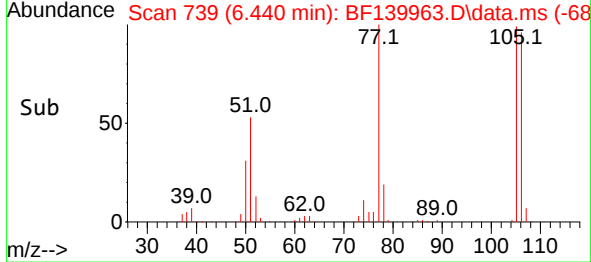
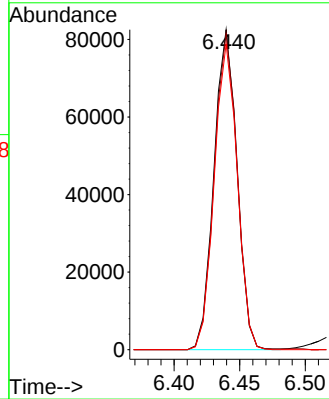
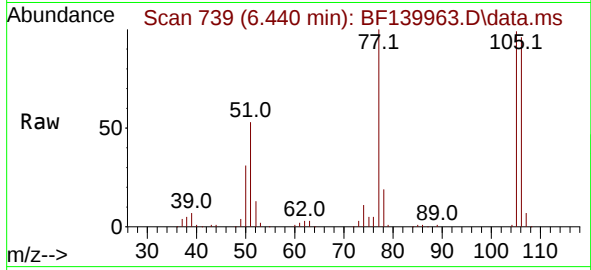




#9
Benzaldehyde
Concen: 13.650 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

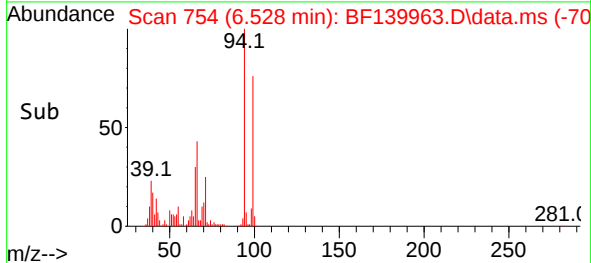
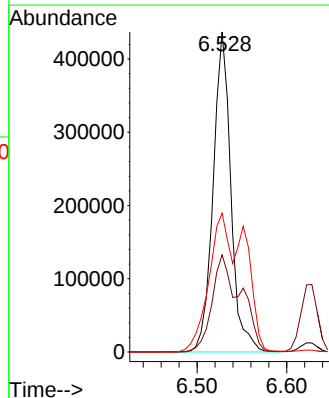
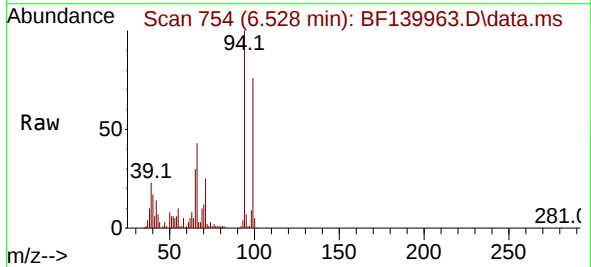
Instrument :
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ClientSampleId :
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Tgt Ion:	77	Resp:	100752
Ion Ratio	Lower	Upper	
77	100		
105	98.8	75.5	115.5
106	95.6	71.7	111.7



#10
Phenol
Concen: 44.379 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:	94	Resp:	600301
Ion Ratio	Lower	Upper	
94	100		
65	30.4	11.1	51.1
66	43.4	22.7	62.7





#11

bis(2-Chloroethyl)ether

Concen: 43.025 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

PB164286BS

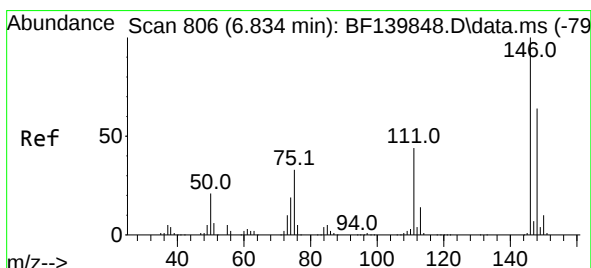
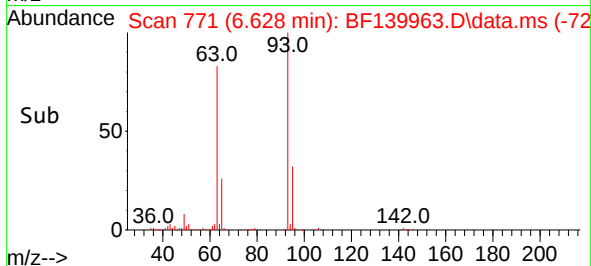
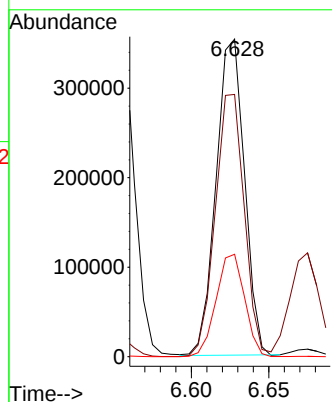
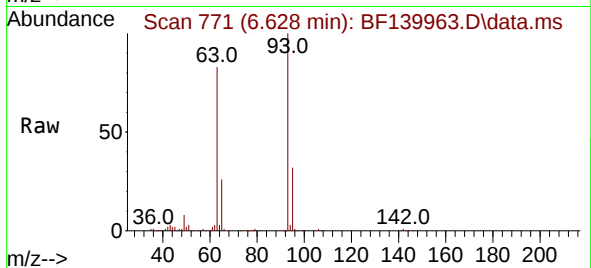
Tgt Ion: 93 Resp: 449836

Ion Ratio Lower Upper

93 100

63 82.5 65.0 105.0

95 32.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 42.360 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

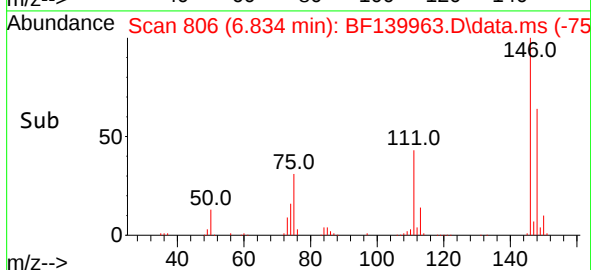
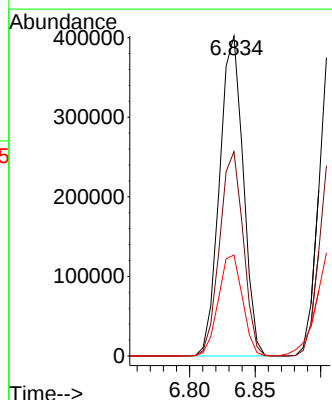
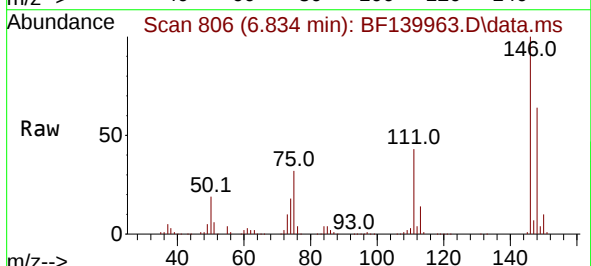
Tgt Ion: 146 Resp: 503588

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

75 31.5 26.4 39.6

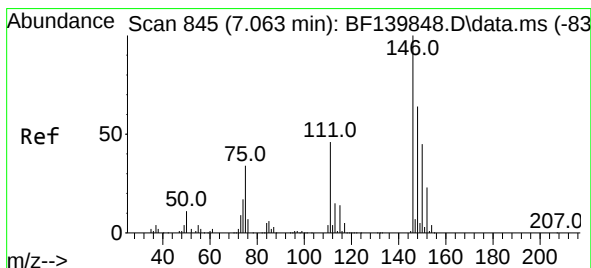
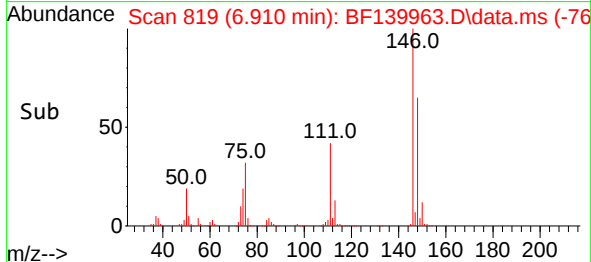
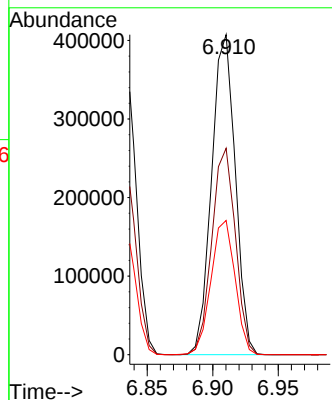
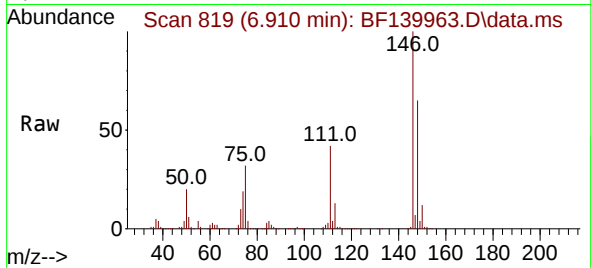




#13
1,4-Dichlorobenzene
Concen: 43.104 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

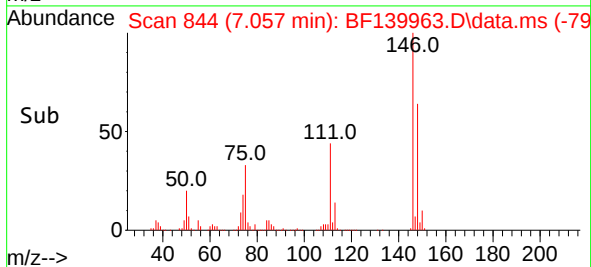
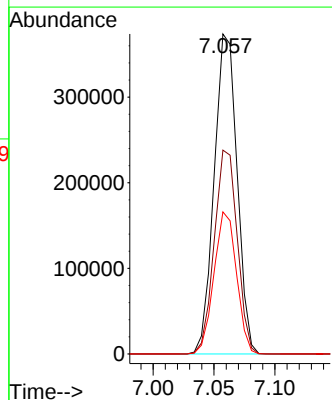
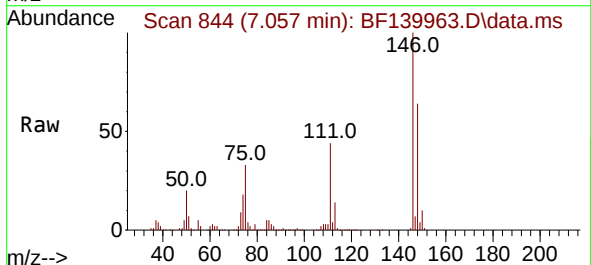
Instrument :
BNA_F
ClientSampleId :
PB164286BS

Tgt Ion:146 Resp: 511955
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 41.9 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 44.196 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:146 Resp: 489916
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 44.4 36.7 55.1

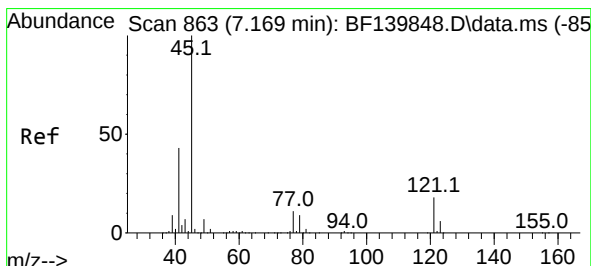
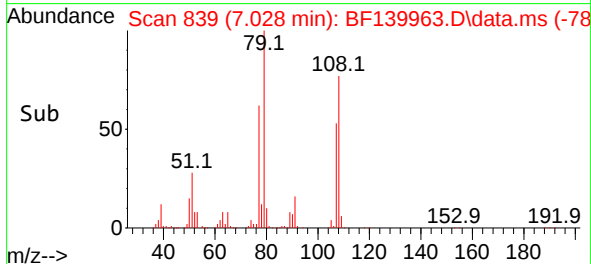
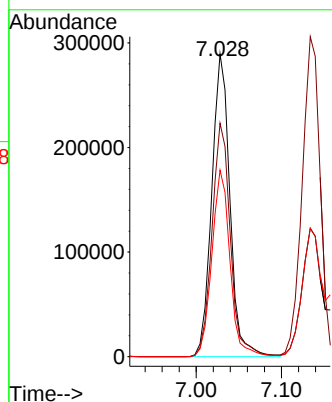
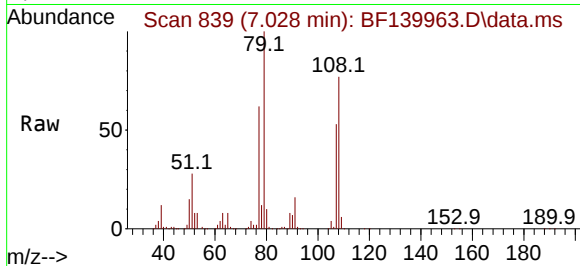




#15
Benzyl Alcohol
Concen: 44.525 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

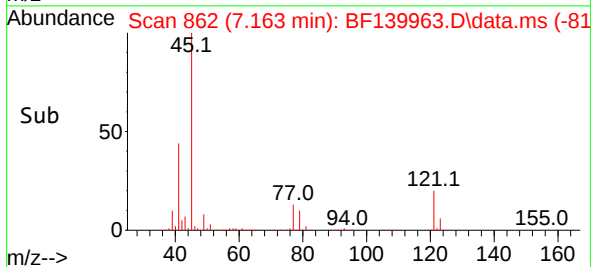
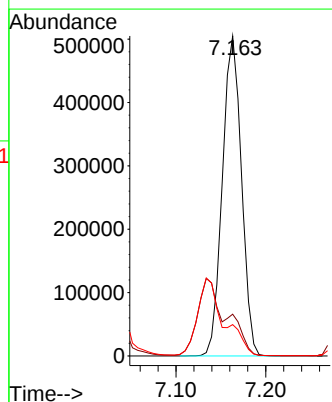
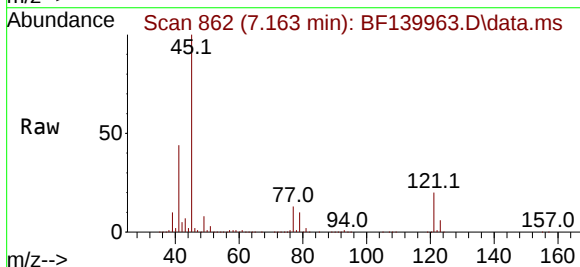
Instrument :
BNA_F
ClientSampleId :
PB164286BS

Tgt Ion: 79 Resp: 428535
Ion Ratio Lower Upper
79 100
108 77.1 61.4 92.0
77 61.6 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.800 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion: 45 Resp: 745202
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 9.8 0.0 29.1



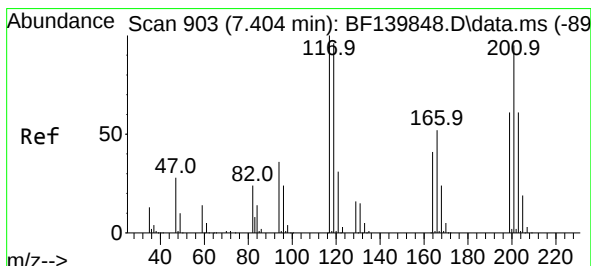
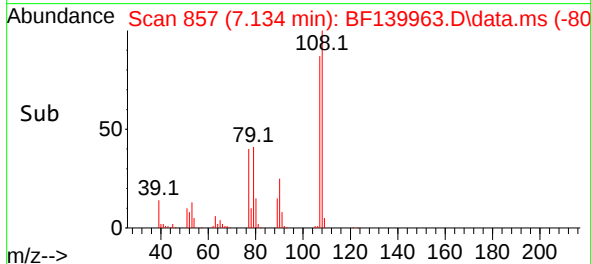
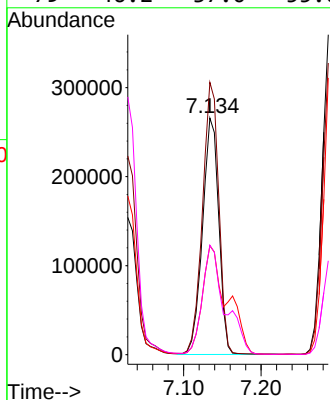
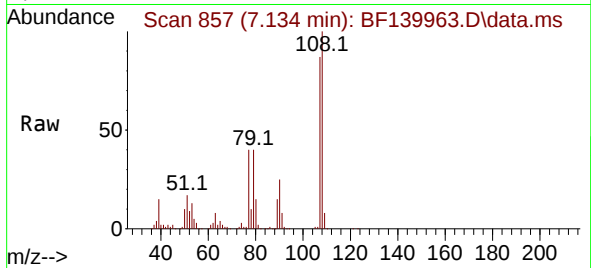


#17
2-Methylphenol
Concen: 43.927 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Instrument :
BNA_F
ClientSampleId :
PB164286BS

Tgt Ion:107 Resp: 387922

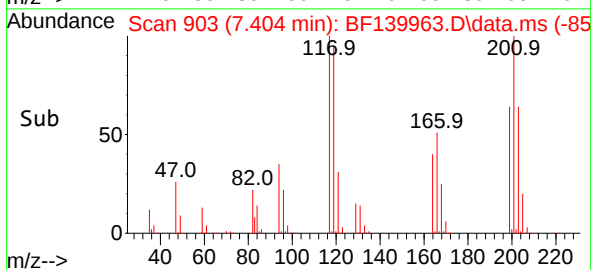
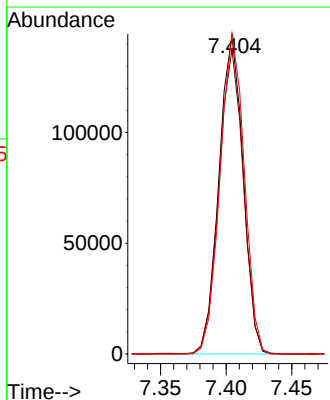
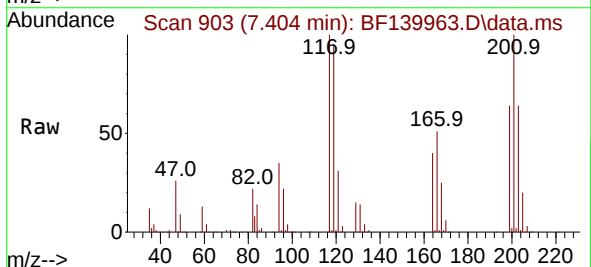
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.3	136.9
77	46.1	37.1	55.7
79	46.2	37.0	55.6

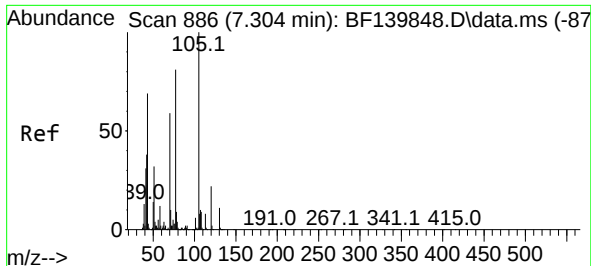


#18
Hexachloroethane
Concen: 43.515 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:117 Resp: 184304

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.0	115.4
201	100.4	76.2	114.4

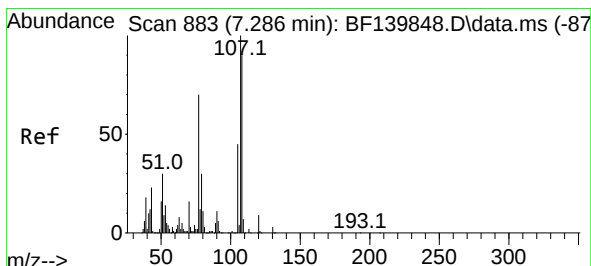
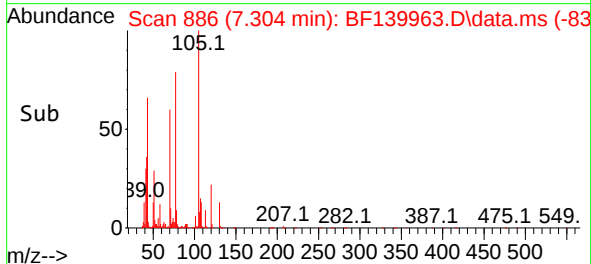
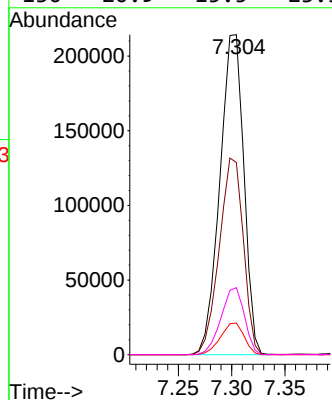
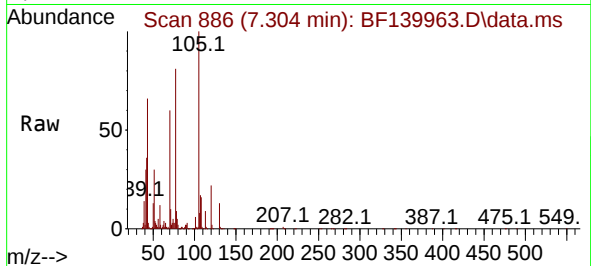




#19
n-Nitroso-di-n-propylamine
Concen: 42.176 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

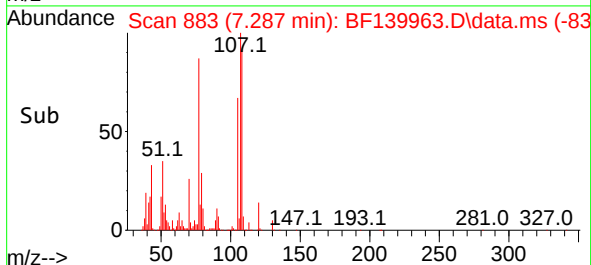
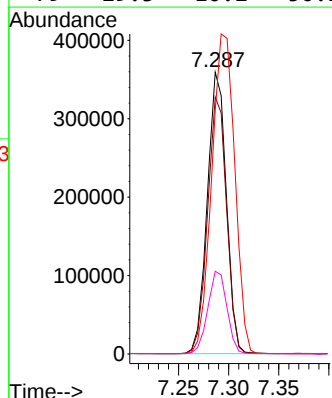
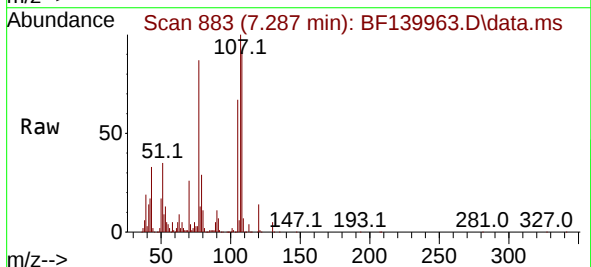
Instrument :
BNA_F
ClientSampleId :
PB164286BS

Tgt Ion: 70 Resp: 335625
Ion Ratio Lower Upper
70 100
42 60.1 51.5 77.3
101 9.9 7.5 11.3
130 20.9 15.5 23.3



#20
3+4-Methylphenols
Concen: 42.012 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion: 107 Resp: 474544
Ion Ratio Lower Upper
107 100
108 91.2 69.8 109.8
77 86.5 50.5 90.5
79 29.3 10.2 50.2



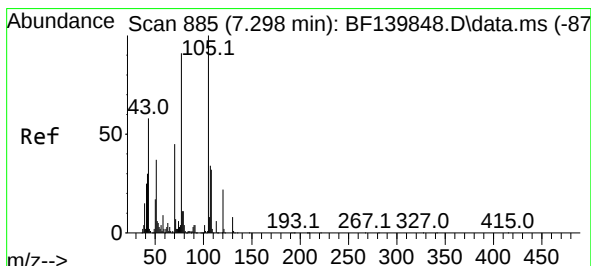
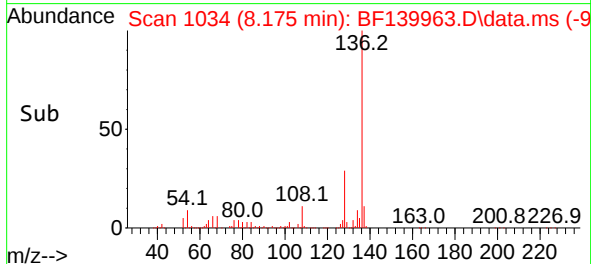
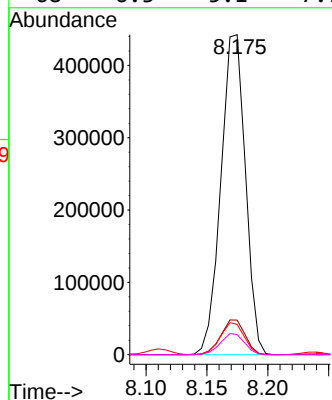
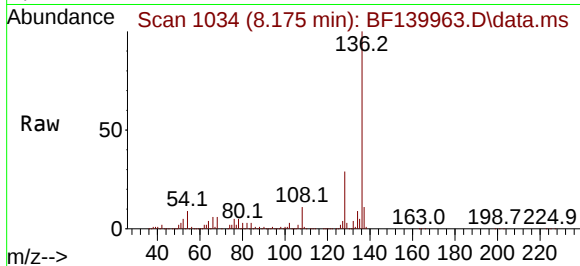


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Instrument :
BNA_F
ClientSampleId :
PB164286BS

Tgt Ion:136 Resp: 620873

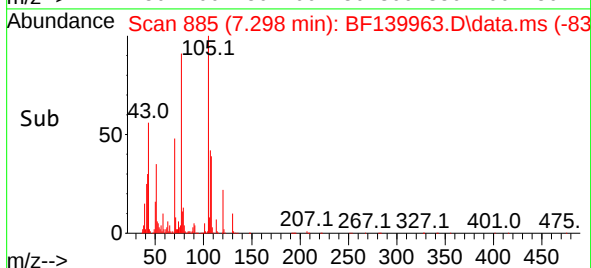
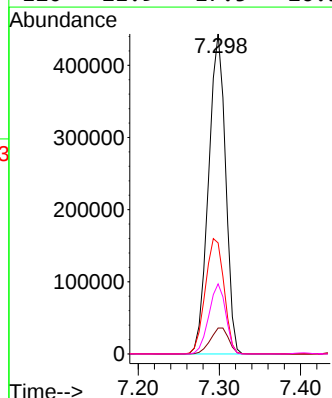
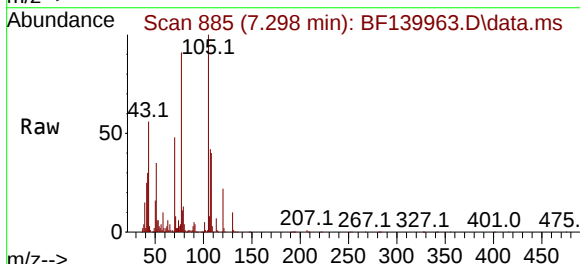
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.5	8.4	12.6
68	6.3	5.1	7.7

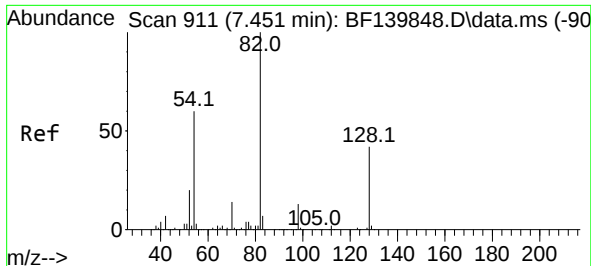


#22
Acetophenone
Concen: 42.400 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:105 Resp: 644789

Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.9	8.9
51	34.7	29.4	44.2
120	21.9	17.5	26.3





#23

Nitrobenzene-d5

Concen: 91.814 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

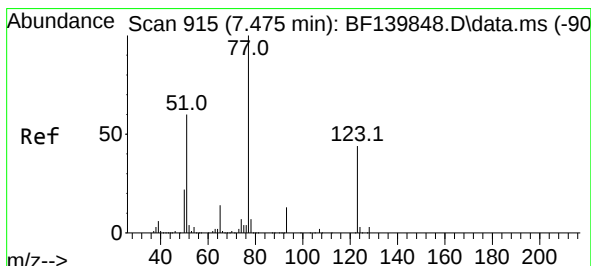
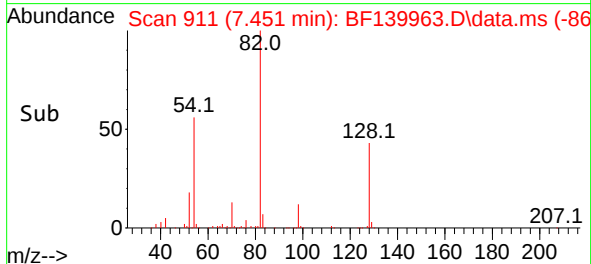
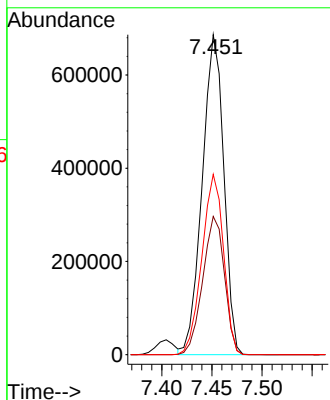
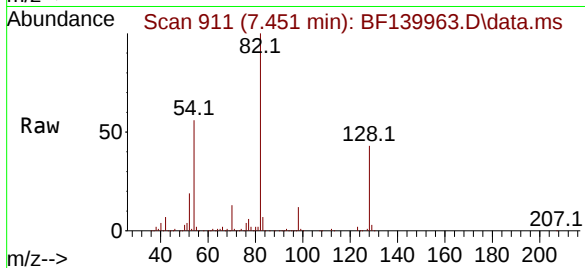
BNA_F

ClientSampleId :

PB164286BS

Tgt Ion: 82 Resp: 1028527

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.0
54	56.4	47.8	71.8



#24

Nitrobenzene

Concen: 42.103 ng

RT: 7.469 min Scan# 914

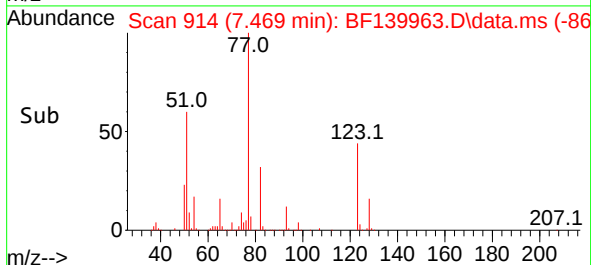
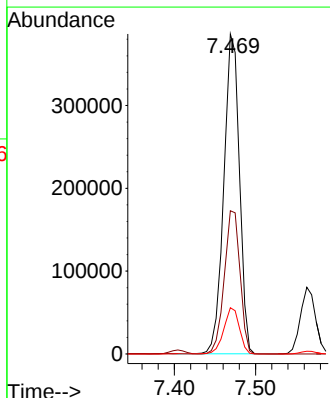
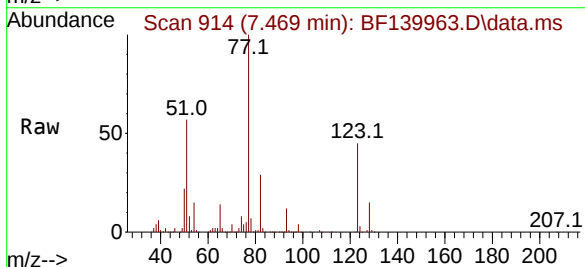
Delta R.T. -0.006 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Tgt Ion: 77 Resp: 517121

Ion	Ratio	Lower	Upper
77	100		
123	44.8	35.7	53.5
65	14.4	11.5	17.3

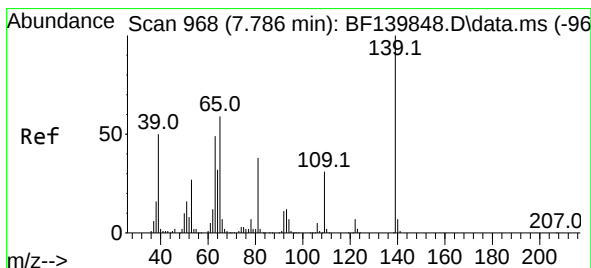
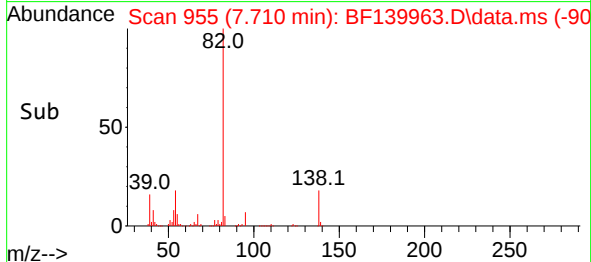
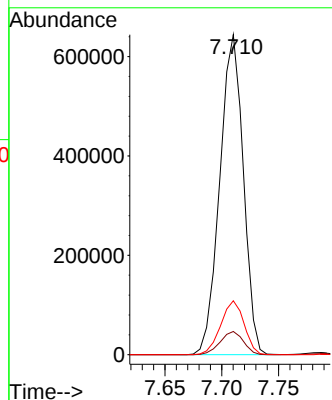
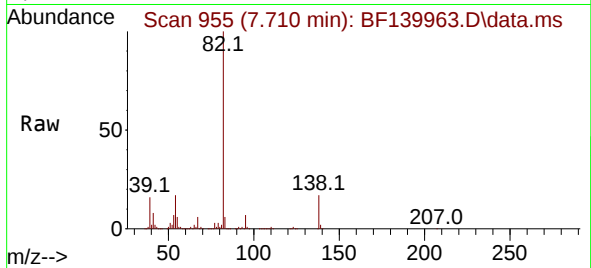




#25
Isophorone
Concen: 43.671 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

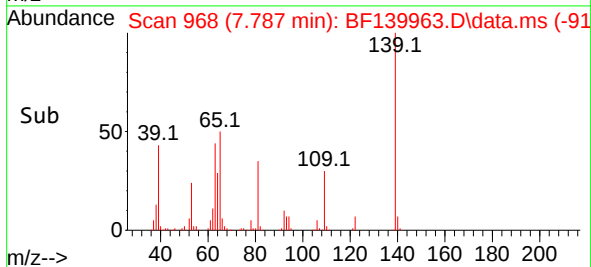
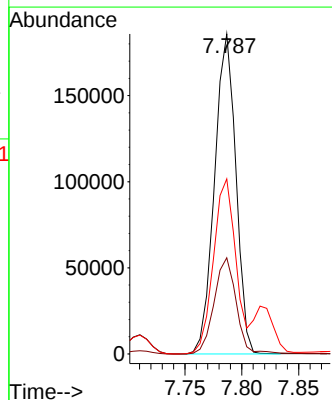
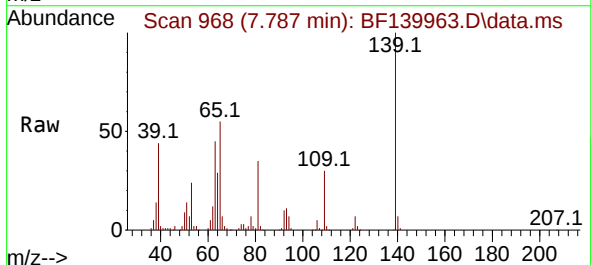
Instrument :
BNA_F
ClientSampleId :
PB164286BS

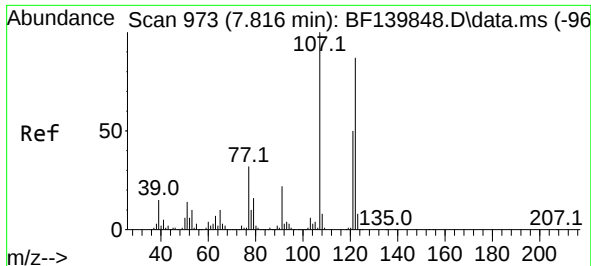
Tgt Ion: 82 Resp: 928529
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.9 13.2 19.8



#26
2-Nitrophenol
Concen: 52.464 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:139 Resp: 243091
Ion Ratio Lower Upper
139 100
109 30.0 25.1 37.7
65 54.7 47.5 71.3

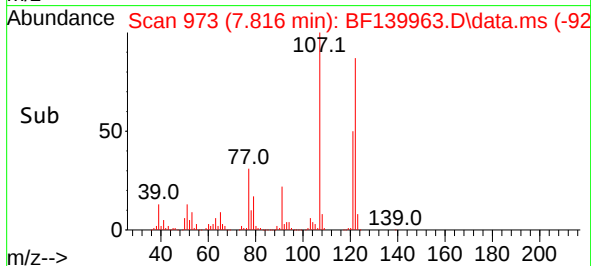
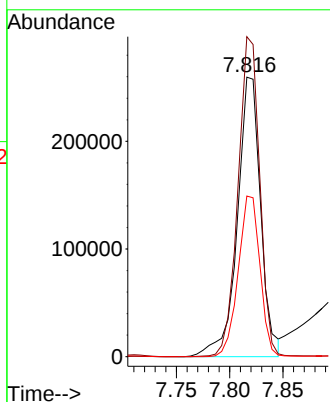
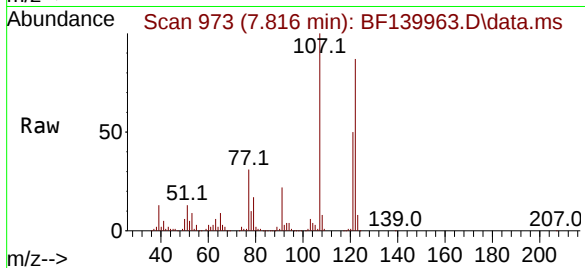




#27
2,4-Dimethylphenol
Concen: 51.225 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

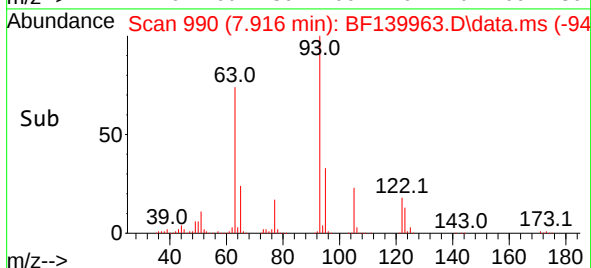
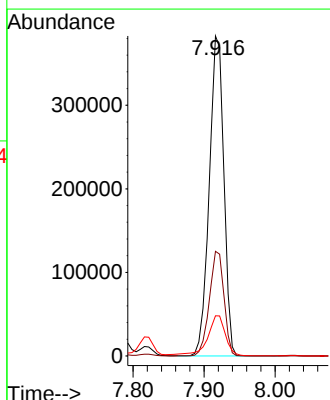
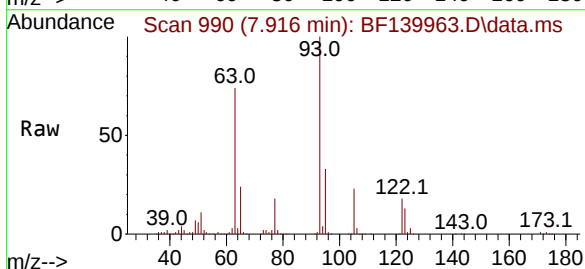
Instrument :
BNA_F
ClientSampleId :
PB164286BS

Tgt Ion:122 Resp: 395771
Ion Ratio Lower Upper
122 100
107 114.5 91.9 137.9
121 57.5 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 42.491 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion: 93 Resp: 547368
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 12.6 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 44.178 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

PB164286BS

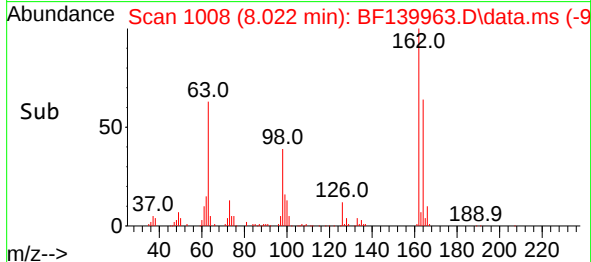
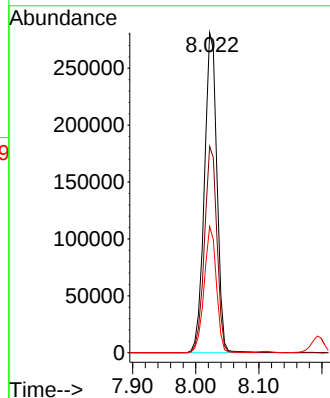
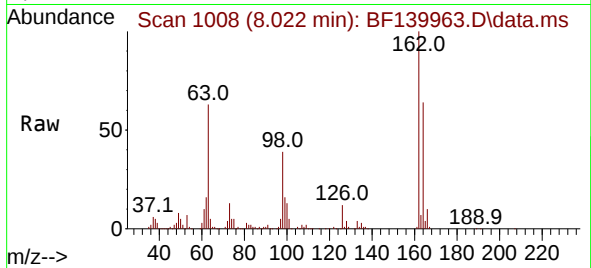
Tgt Ion:162 Resp: 388777

Ion Ratio Lower Upper

162 100

164 64.4 43.9 83.9

98 39.4 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.971 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

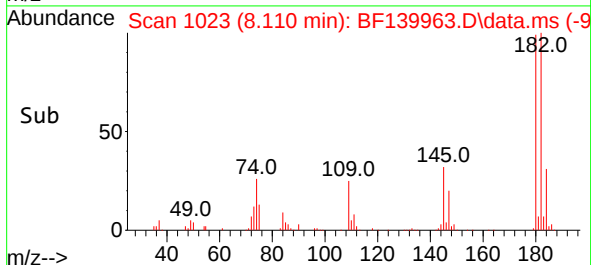
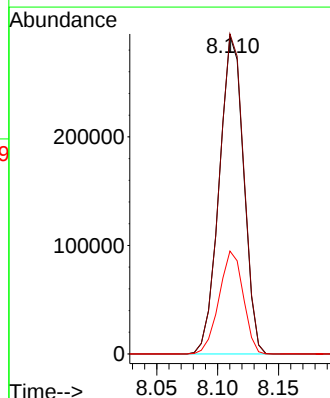
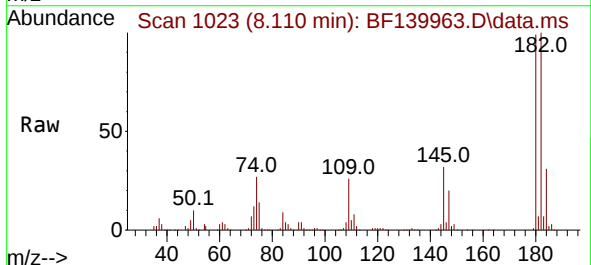
Tgt Ion:180 Resp: 408692

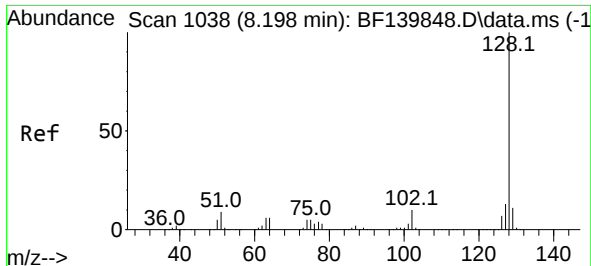
Ion Ratio Lower Upper

180 100

182 100.5 80.5 120.7

145 32.3 25.4 38.0

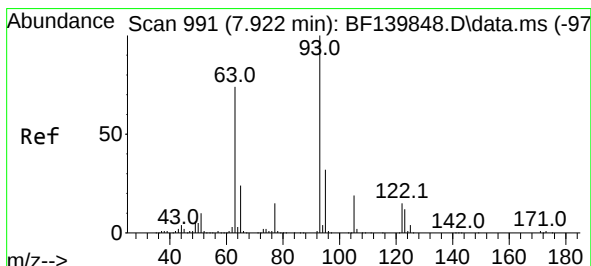
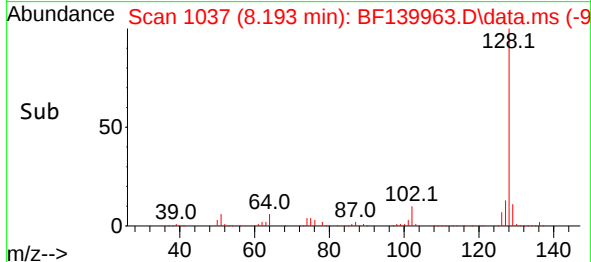
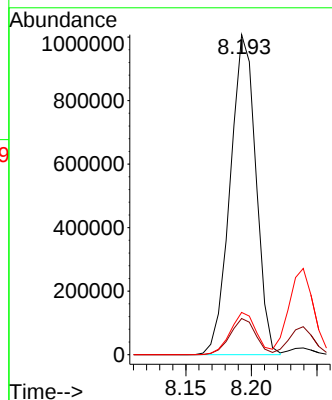
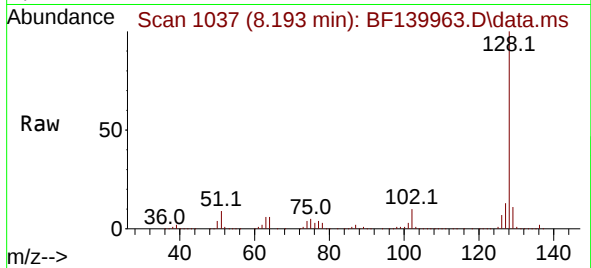




#31
Naphthalene
Concen: 42.824 ng
RT: 8.193 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

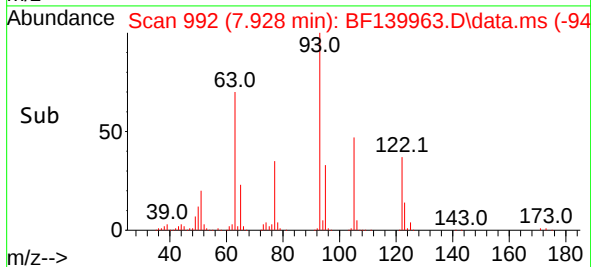
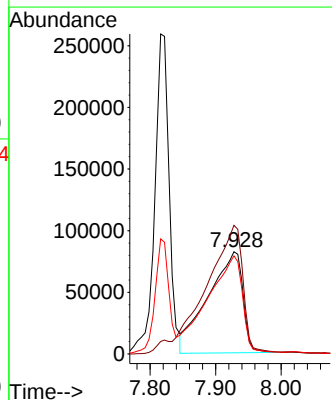
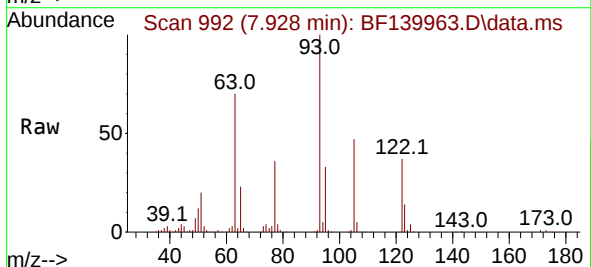
Instrument :
BNA_F
ClientSampleId :
PB164286BS

Tgt Ion:128 Resp: 1371252
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 45.032 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:122 Resp: 303453
Ion Ratio Lower Upper
122 100
105 125.8 107.6 147.6
77 95.8 80.2 120.2

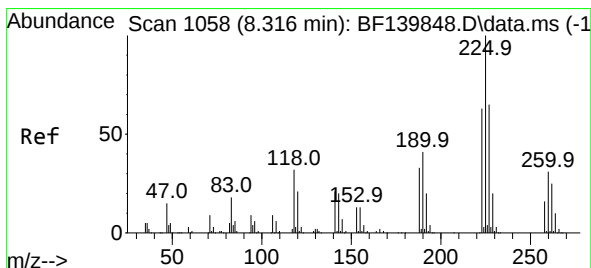
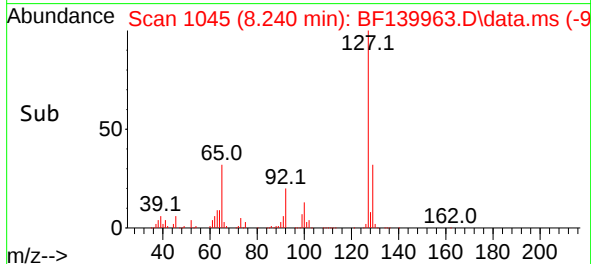
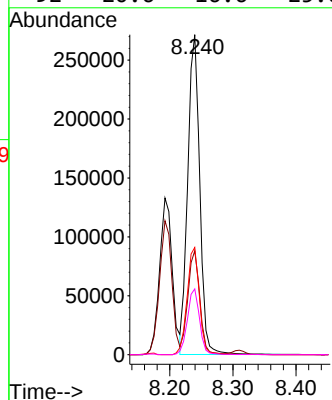
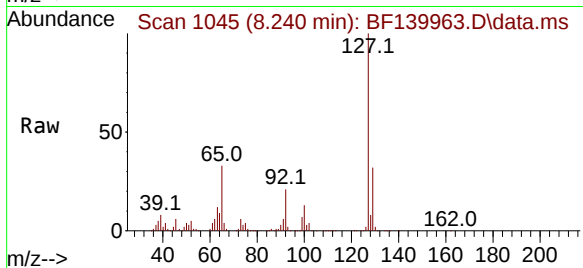




#33
4-Chloroaniline
Concen: 32.945 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

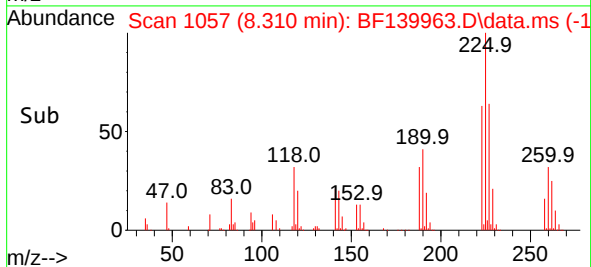
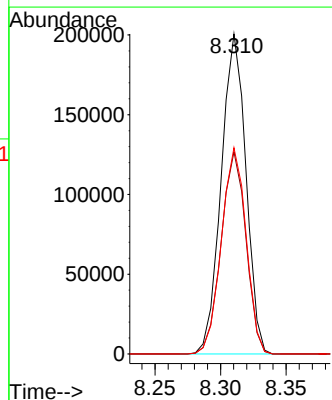
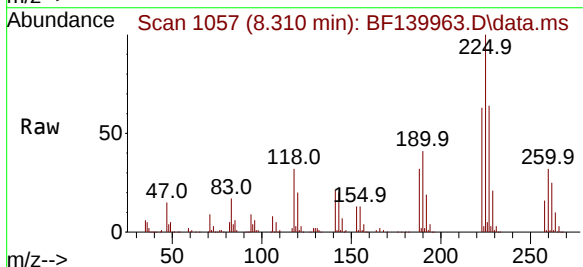
Instrument :
BNA_F
ClientSampleId :
PB164286BS

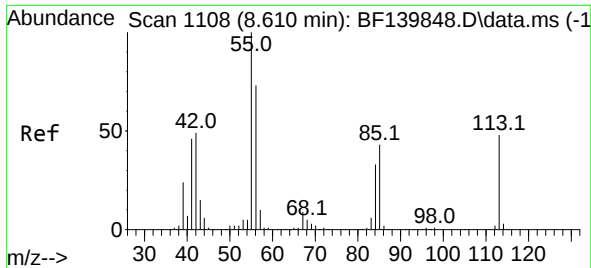
Tgt Ion:	127	Resp:	359722
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.4	38.2
65	33.5	28.4	42.6
92	20.6	16.6	25.0



#34
Hexachlorobutadiene
Concen: 42.876 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:	225	Resp:	262325
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.6	76.0
227	64.4	51.8	77.8

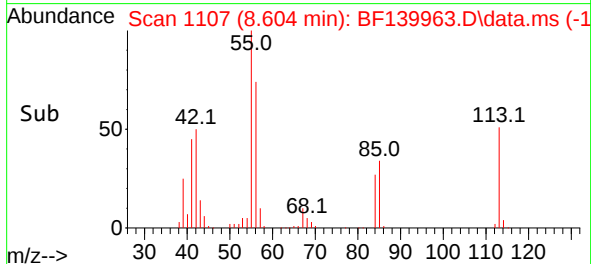
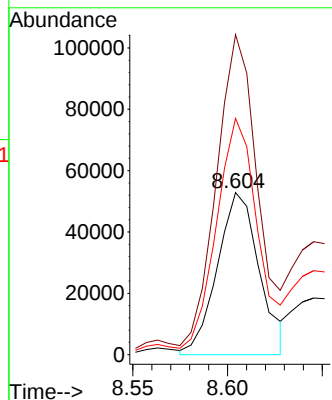
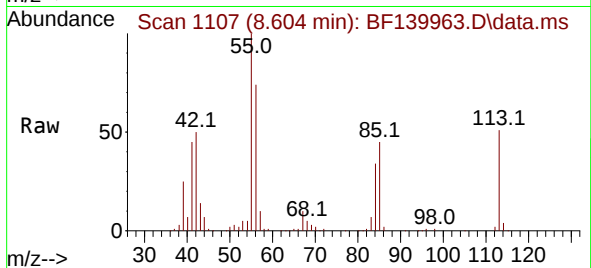




#35
 Caprolactam
 Concen: 29.074 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF139963.D
 Acq: 23 Oct 2024 14:33

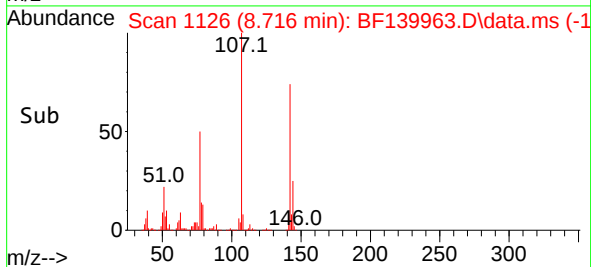
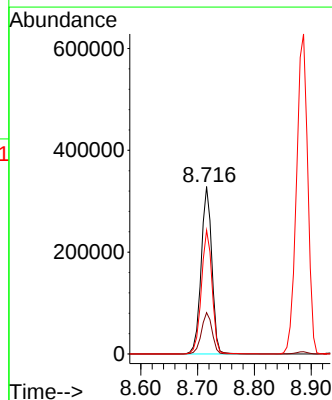
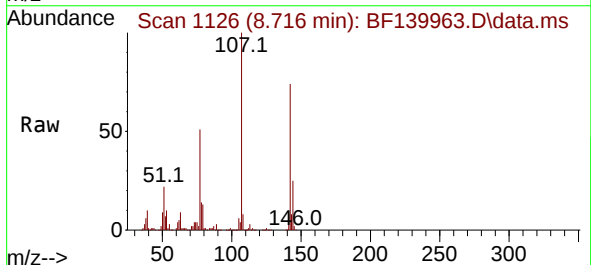
Instrument :
 BNA_F
 ClientSampleId :
 PB164286BS

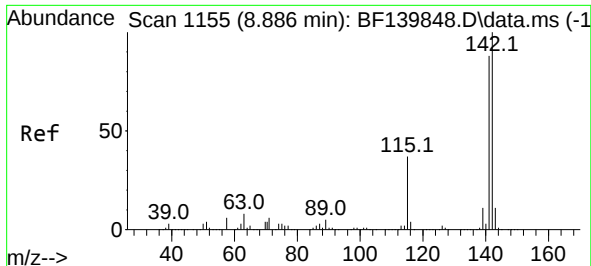
Tgt Ion:113 Resp: 81355
 Ion Ratio Lower Upper
 113 100
 55 197.4 189.2 229.2
 56 145.8 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.218 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139963.D
 Acq: 23 Oct 2024 14:33

Tgt Ion:107 Resp: 430883
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.1 28.7
 142 73.8 57.2 85.8





#37

2-Methylnaphthalene

Concen: 43.751 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

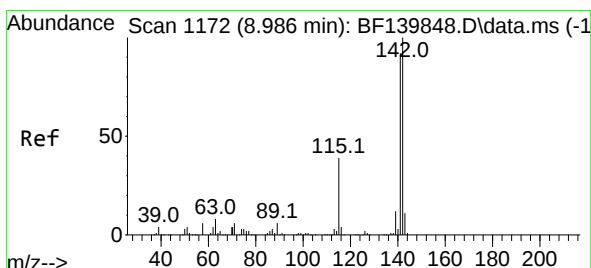
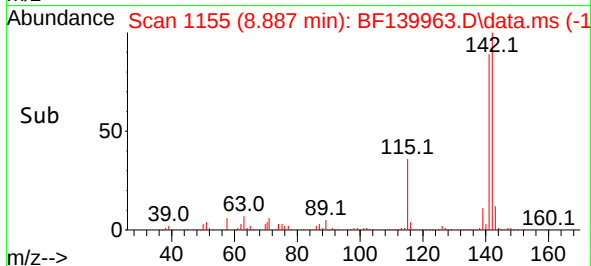
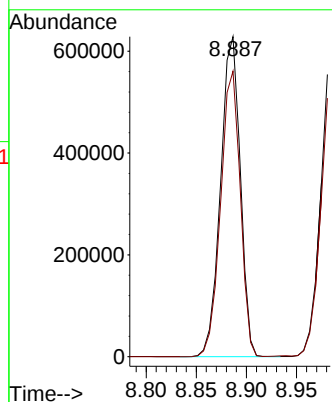
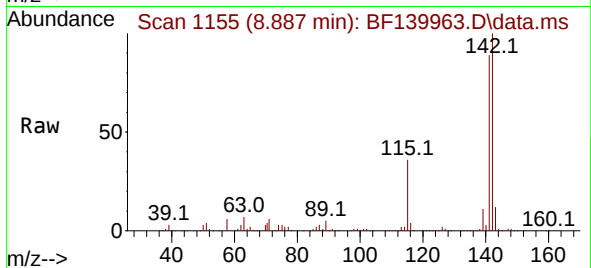
PB164286BS

Tgt Ion:142 Resp: 857996

Ion Ratio Lower Upper

142 100

141 89.2 70.8 106.2



#38

1-Methylnaphthalene

Concen: 41.525 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139963.D

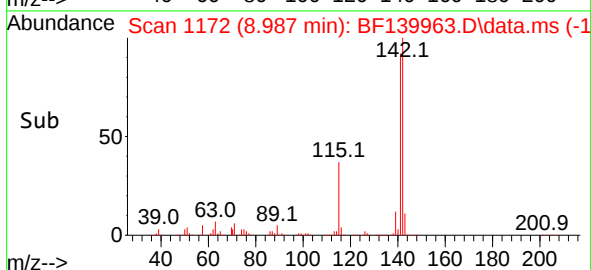
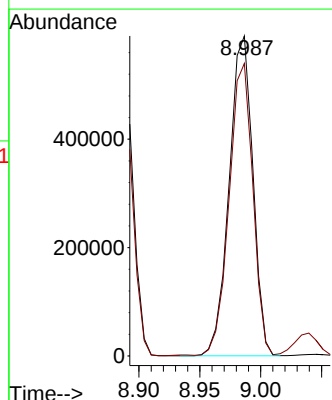
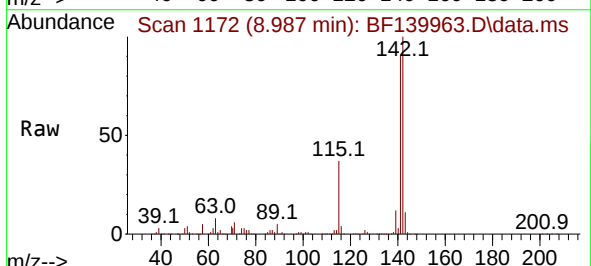
Acq: 23 Oct 2024 14:33

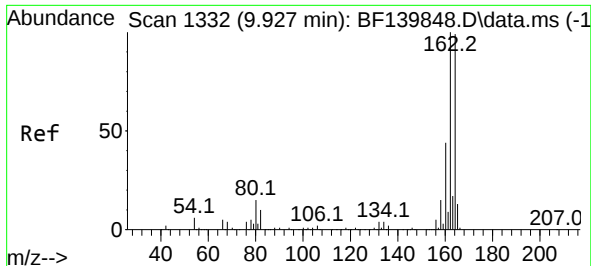
Tgt Ion:142 Resp: 798971

Ion Ratio Lower Upper

142 100

141 91.4 73.5 110.3

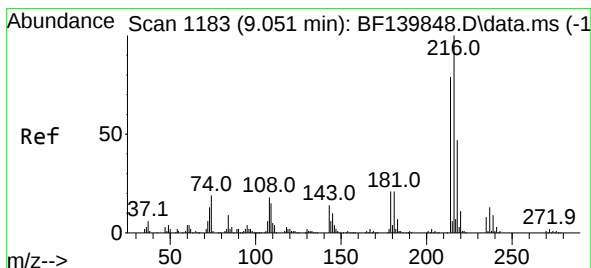
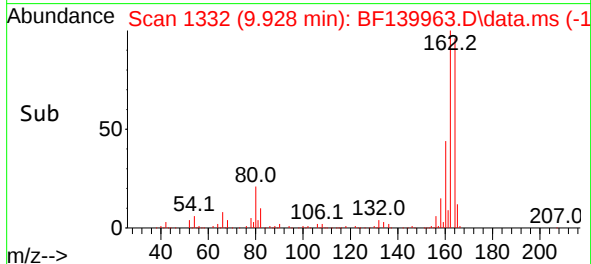
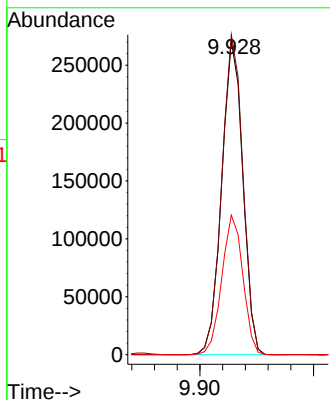
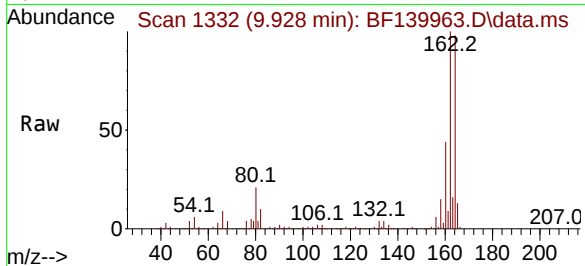




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

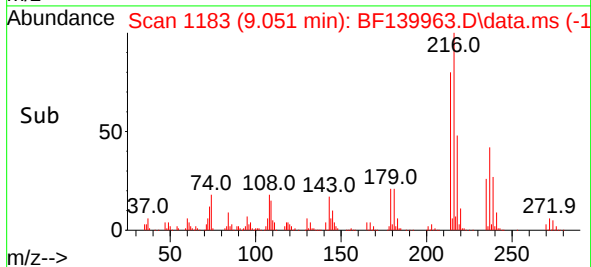
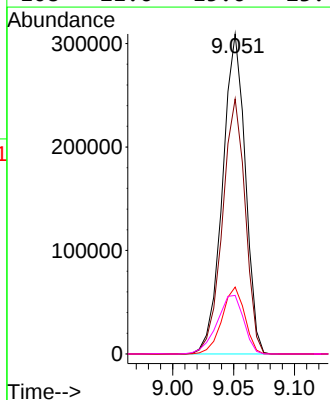
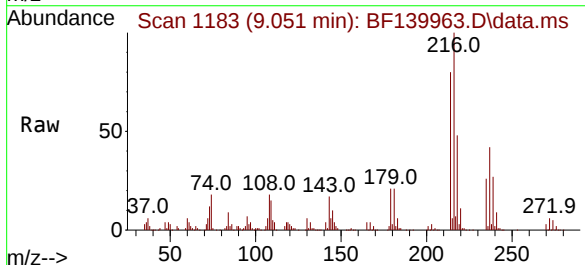
Instrument :
BNA_F
ClientSampleId :
PB164286BS

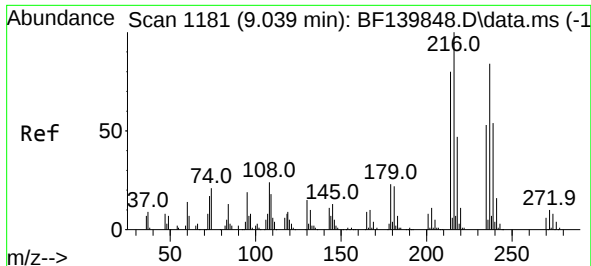
Tgt Ion:164 Resp: 350222
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.4
160 44.5 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.567 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

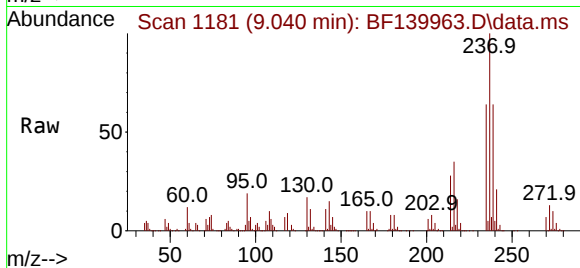
Tgt Ion:216 Resp: 402191
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.0
179 20.8 17.2 25.8
108 21.6 15.6 23.4



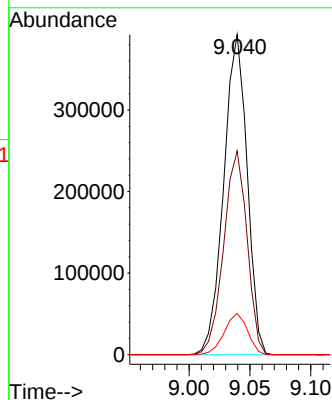
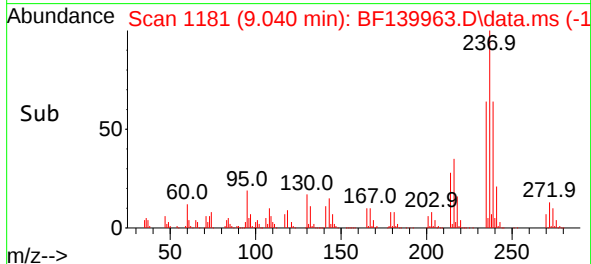


#41
Hexachlorocyclopentadiene
Concen: 159.761 ng
RT: 9.040 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

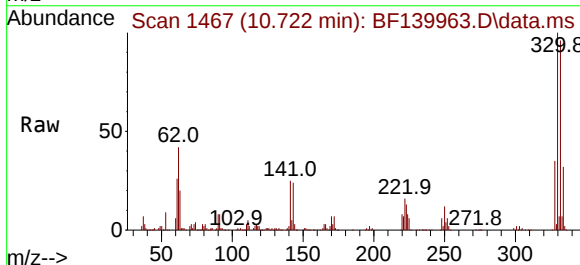
Instrument :
BNA_F
ClientSampleId :
PB164286BS



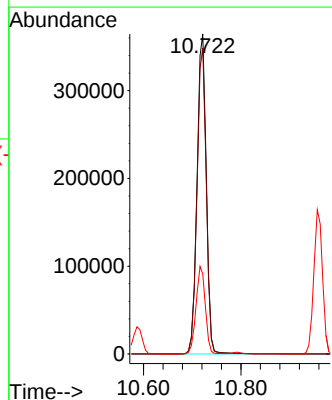
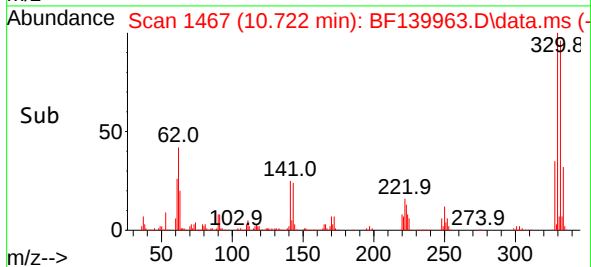
Tgt Ion:237 Resp: 525230
Ion Ratio Lower Upper
237 100
235 63.7 42.9 82.9
272 12.9 0.0 32.3

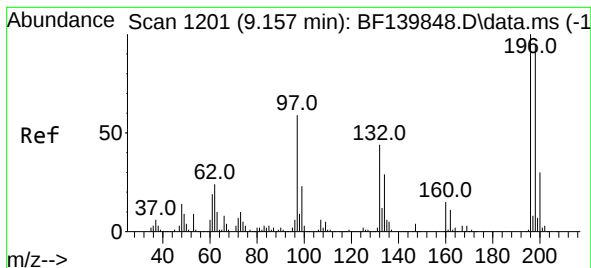


#42
2,4,6-Tribromophenol
Concen: 147.420 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33



Tgt Ion:330 Resp: 482928
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 27.6 26.6 39.8

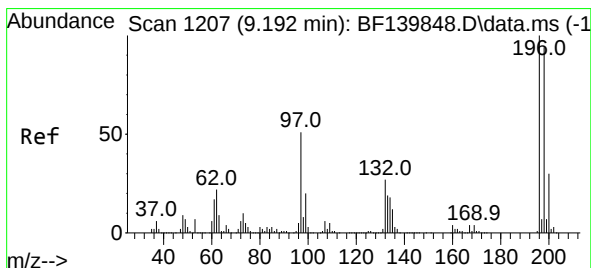
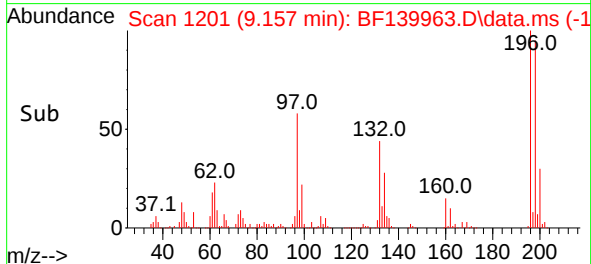
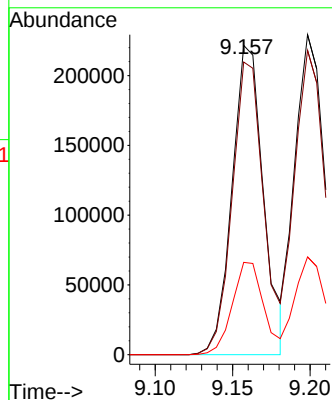
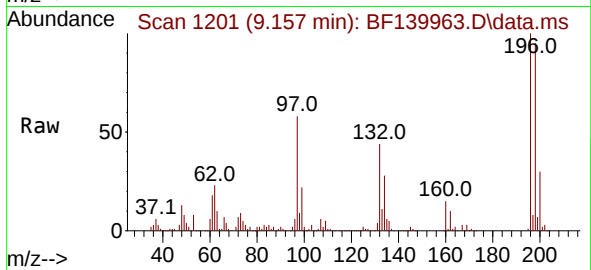




#43
2,4,6-Trichlorophenol
Concen: 46.578 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

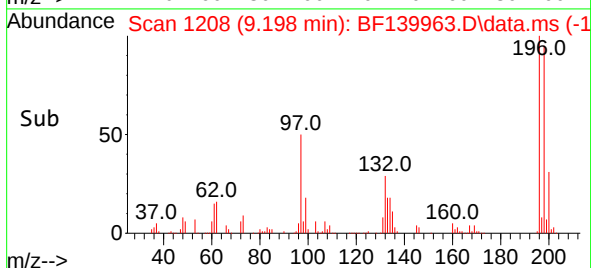
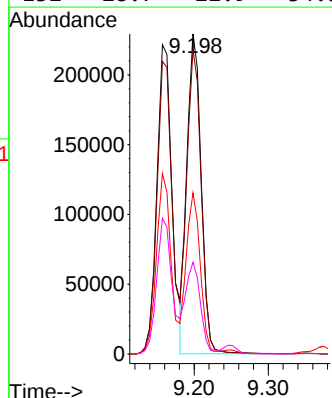
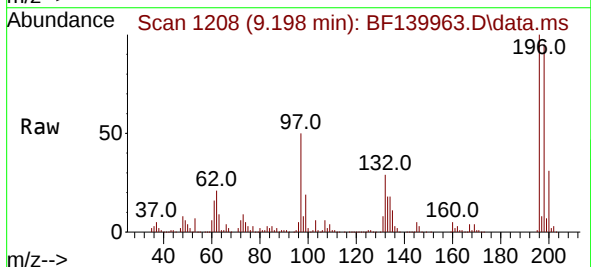
Instrument :
BNA_F
ClientSampleId :
PB164286BS

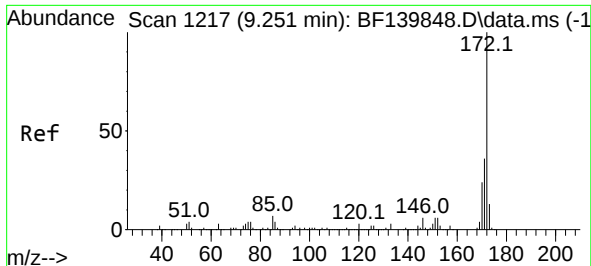
Tgt Ion:196 Resp: 311582
Ion Ratio Lower Upper
196 100
198 94.6 76.2 114.2
200 29.9 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 44.687 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:196 Resp: 308415
Ion Ratio Lower Upper
196 100
198 95.1 75.8 113.6
97 50.4 41.8 62.6
132 28.7 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 86.525 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

PB164286BS

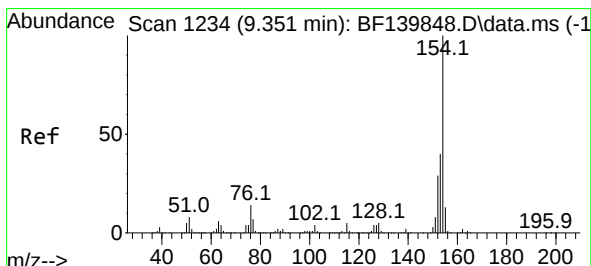
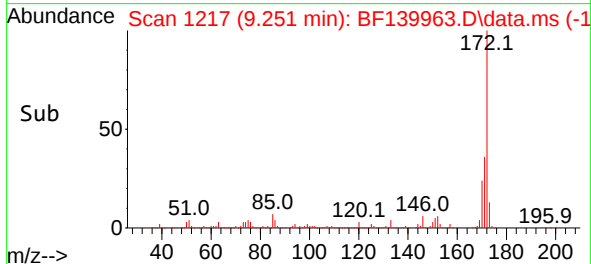
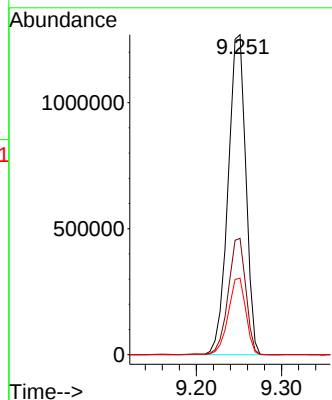
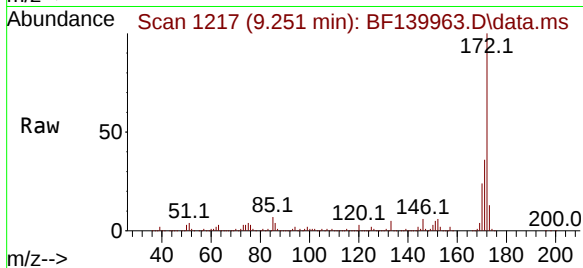
Tgt Ion:172 Resp: 1833539

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 23.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 42.778 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

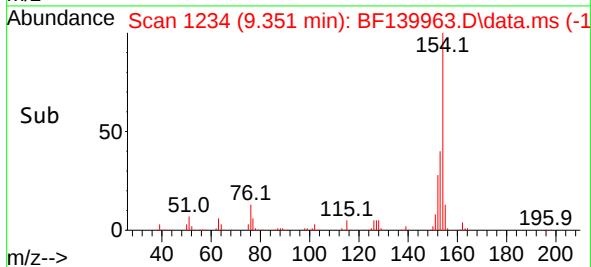
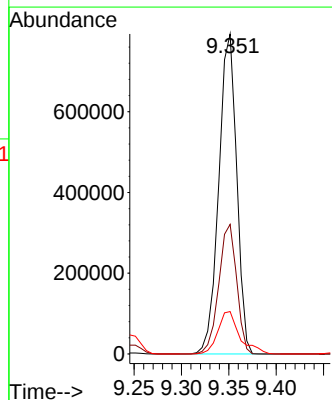
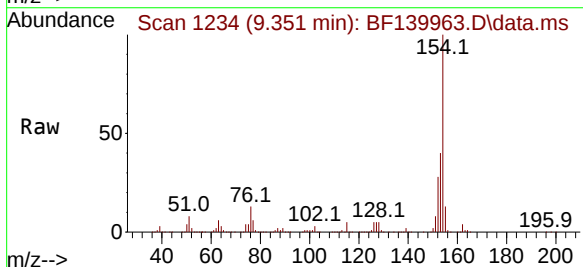
Tgt Ion:154 Resp: 1042962

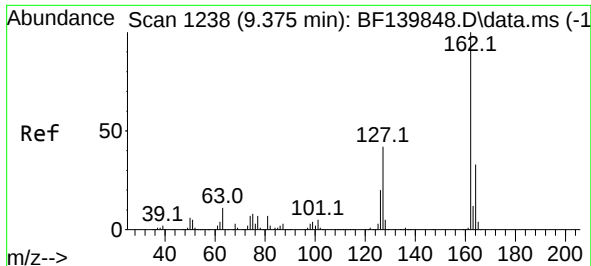
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.2 0.0 33.9

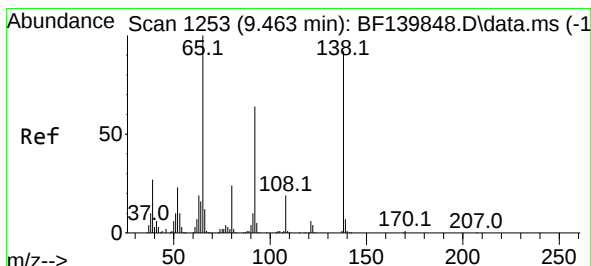
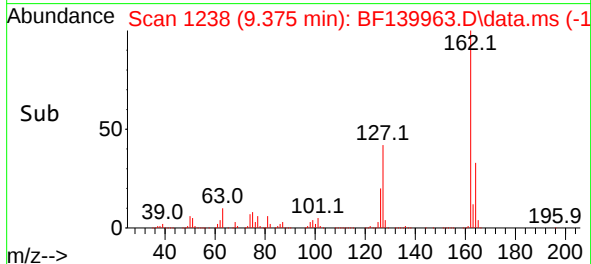
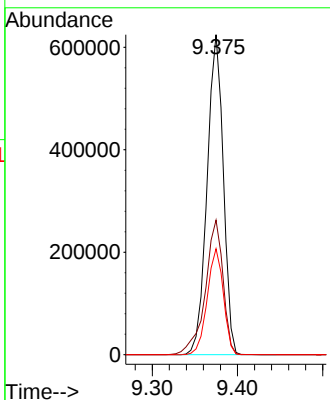
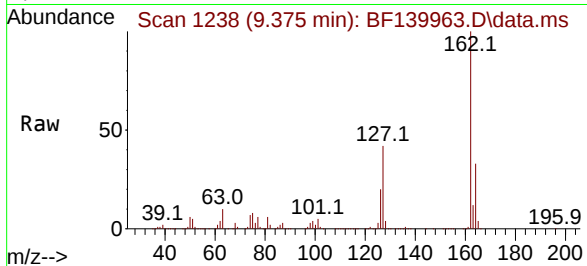




#47
2-Chloronaphthalene
Concen: 42.145 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

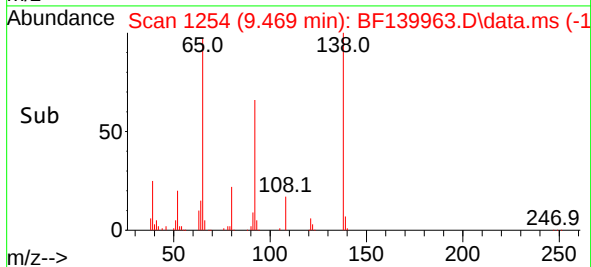
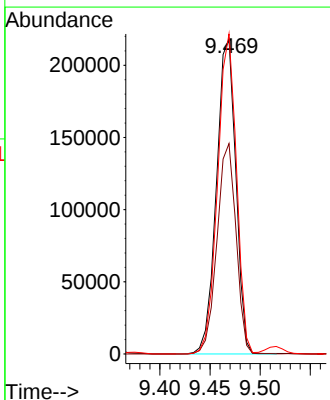
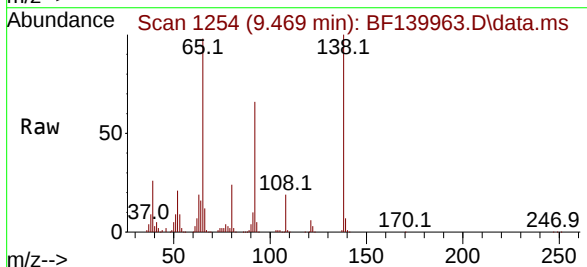
Instrument :
BNA_F
ClientSampleId :
PB164286BS

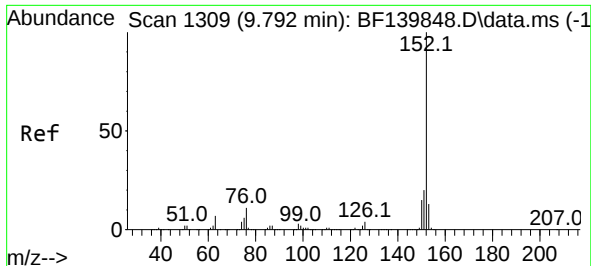
Tgt Ion:162 Resp: 827583
Ion Ratio Lower Upper
162 100
127 42.1 33.8 50.6
164 33.1 26.6 39.8



#48
2-Nitroaniline
Concen: 48.623 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion: 65 Resp: 292014
Ion Ratio Lower Upper
65 100
92 66.8 50.9 76.3
138 101.6 73.4 110.0





#49

Acenaphthylene

Concen: 45.675 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

PB164286BS

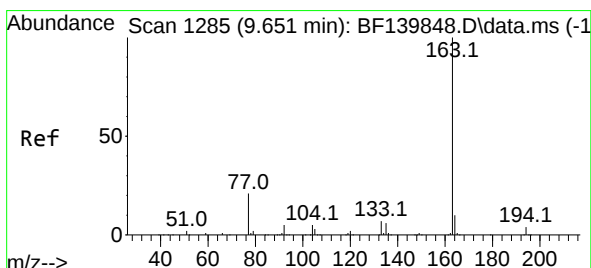
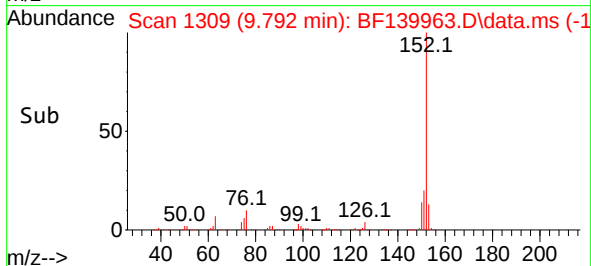
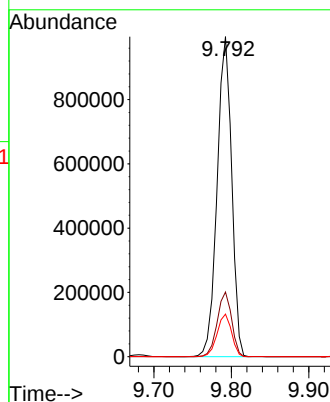
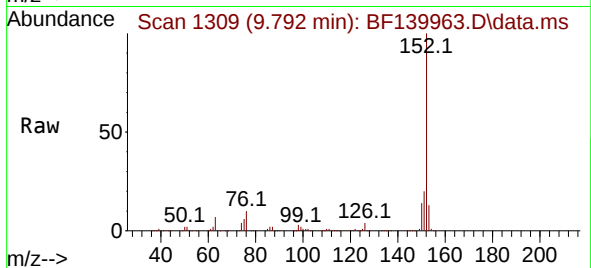
Tgt Ion:152 Resp: 1296649

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 45.117 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

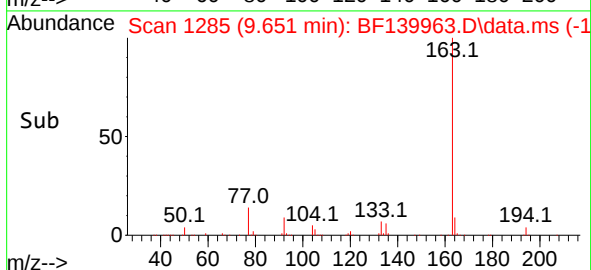
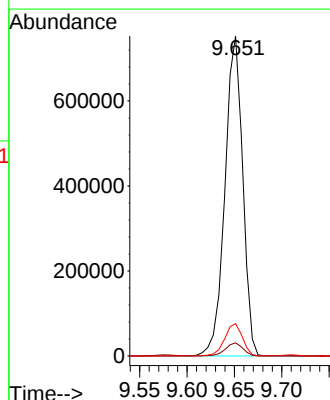
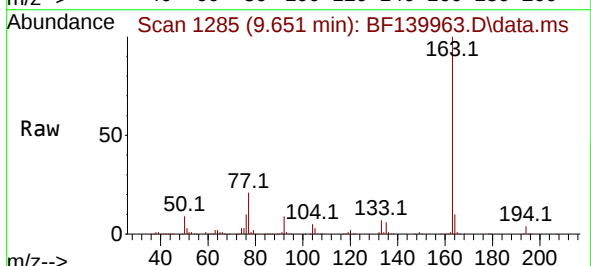
Tgt Ion:163 Resp: 984207

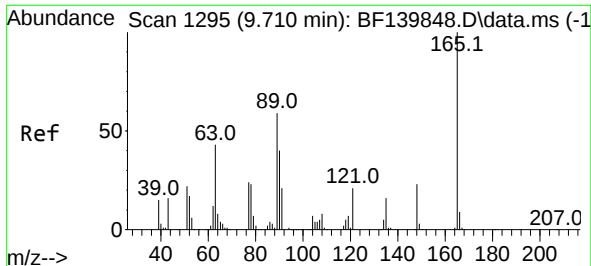
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 8.2 12.2

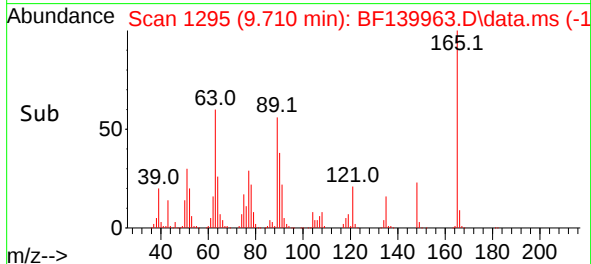
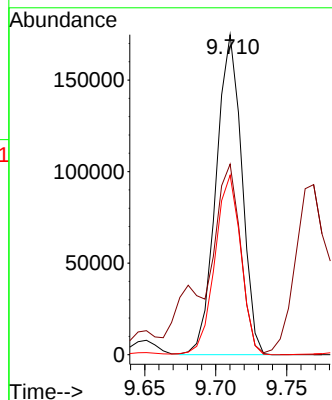
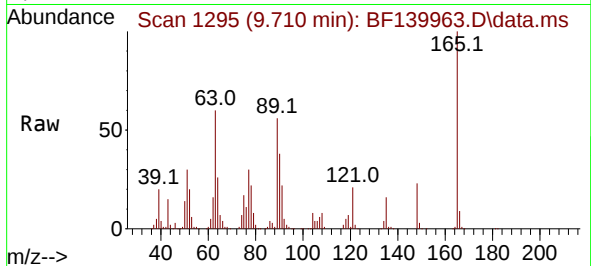




#51
2,6-Dinitrotoluene
Concen: 46.591 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

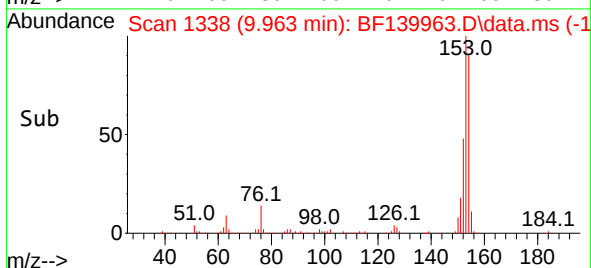
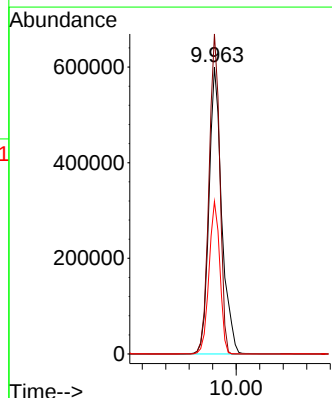
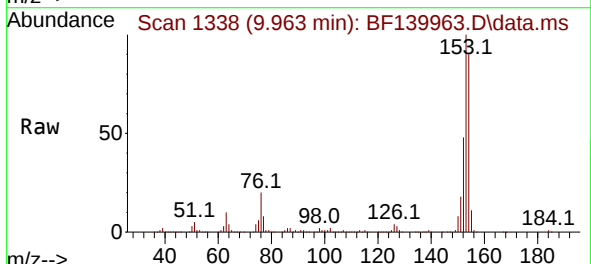
Instrument :
BNA_F
ClientSampleId :
PB164286BS

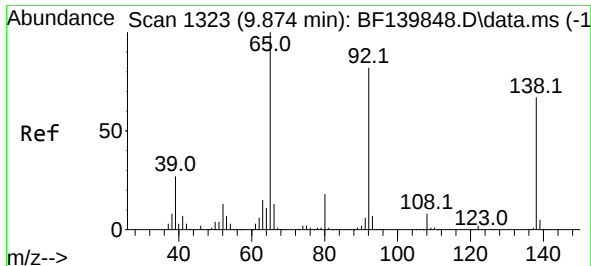
Tgt Ion:165 Resp: 220063
Ion Ratio Lower Upper
165 100
63 59.6 50.6 75.8
89 56.1 47.5 71.3



#52
Acenaphthene
Concen: 49.071 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:154 Resp: 901159
Ion Ratio Lower Upper
154 100
153 111.6 89.8 134.6
152 53.2 42.4 63.6

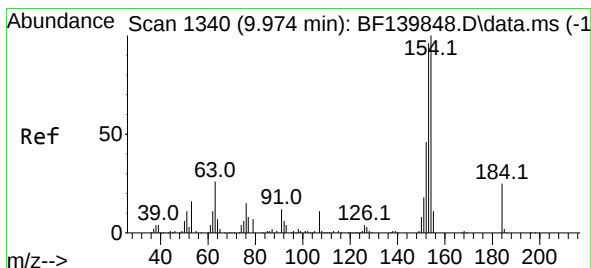
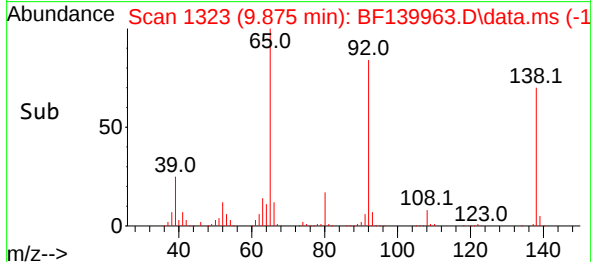
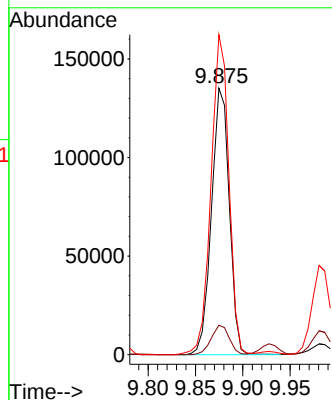
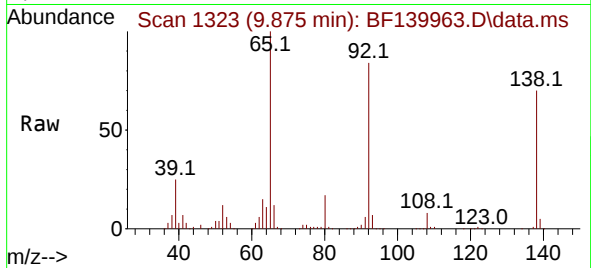




#53
3-Nitroaniline
Concen: 36.368 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

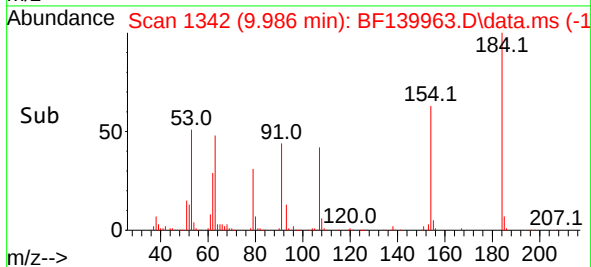
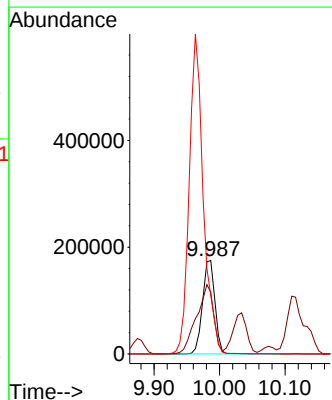
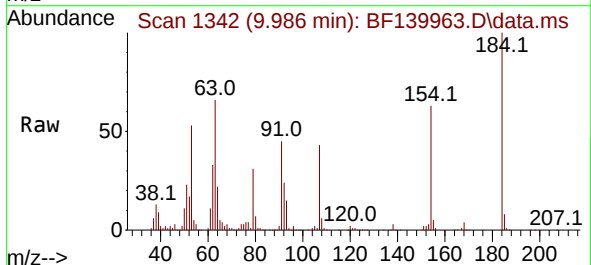
Instrument :
BNA_F
ClientSampleId :
PB164286BS

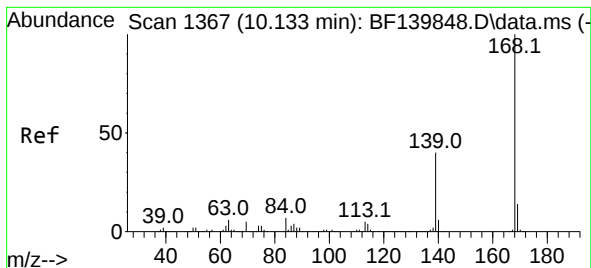
Tgt Ion:138 Resp: 177145
Ion Ratio Lower Upper
138 100
108 11.0 10.2 15.2
92 120.1 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 115.216 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:184 Resp: 232244
Ion Ratio Lower Upper
184 100
63 65.9 84.7 127.1#
154 62.8 338.2 507.2#





#55

Dibenzofuran

Concen: 43.467 ng

RT: 10.134 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

PB164286BS

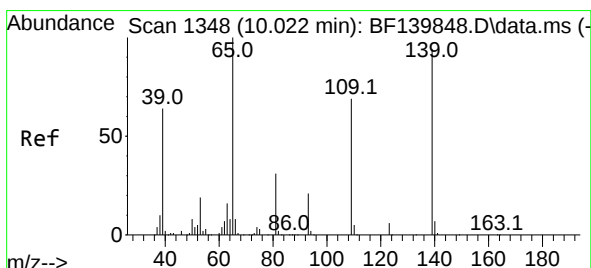
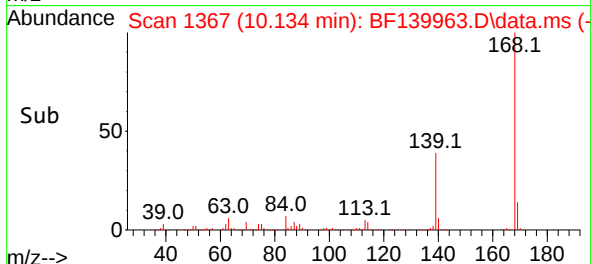
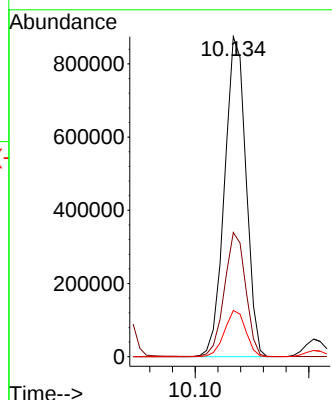
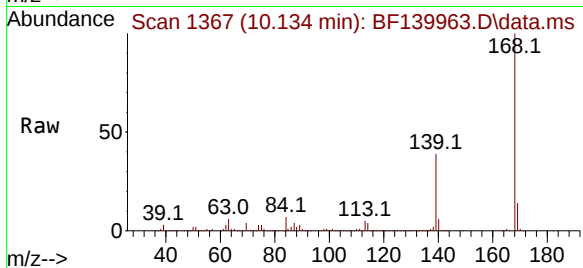
Tgt Ion:168 Resp: 1145279

Ion Ratio Lower Upper

168 100

139 38.8 31.8 47.6

169 14.4 11.6 17.4



#56

4-Nitrophenol

Concen: 96.682 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

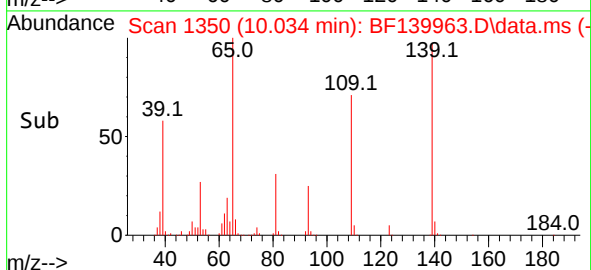
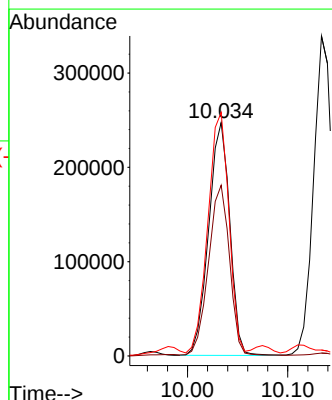
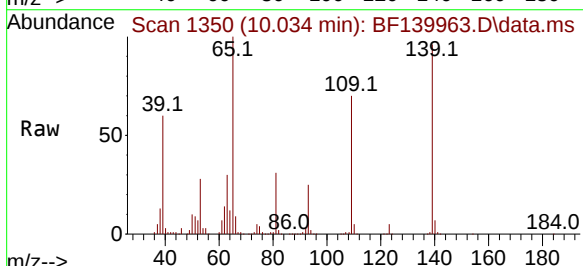
Tgt Ion:139 Resp: 362307

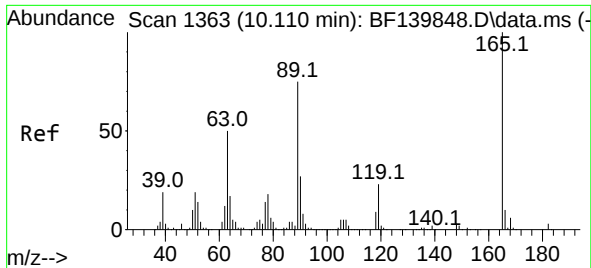
Ion Ratio Lower Upper

139 100

109 73.1 53.6 93.6

65 104.3 87.8 127.8

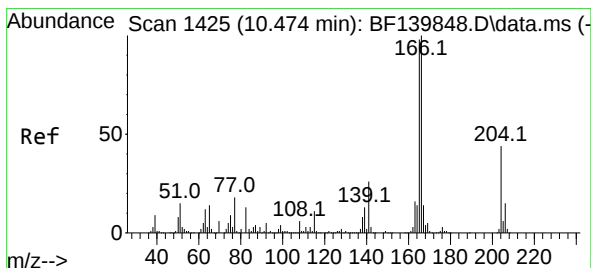
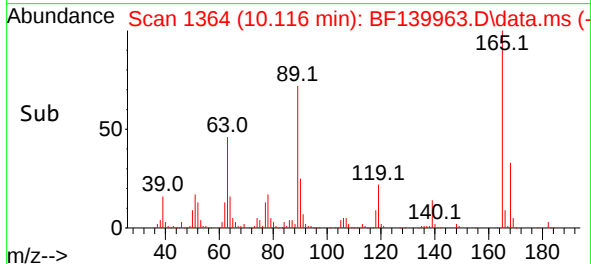
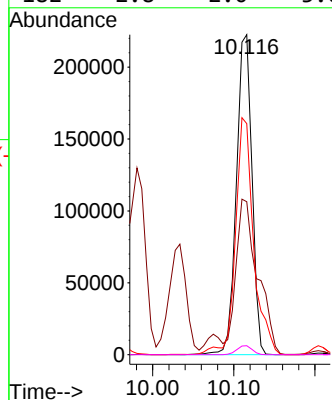
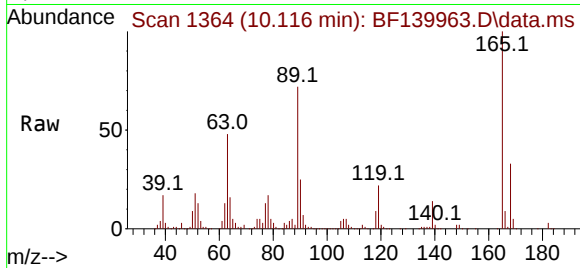




#57
2,4-Dinitrotoluene
Concen: 50.843 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

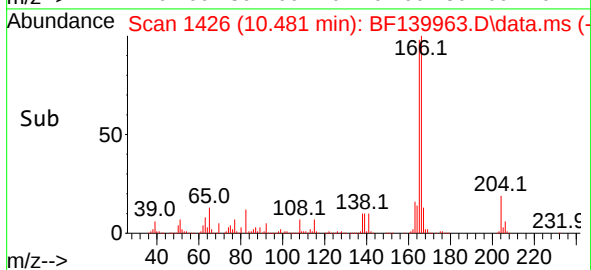
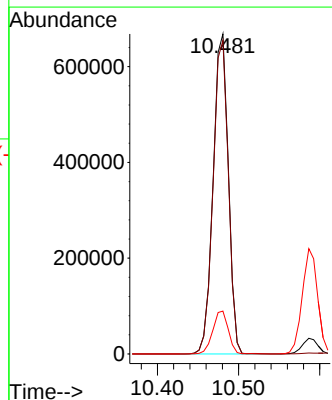
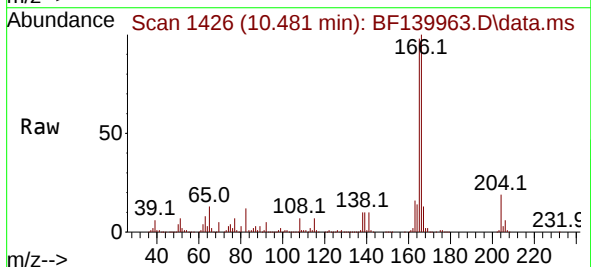
Instrument :
BNA_F
ClientSampleId :
PB164286BS

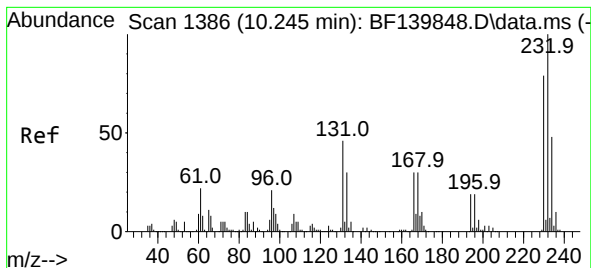
Tgt Ion:165 Resp: 295318
Ion Ratio Lower Upper
165 100
63 47.8 40.1 60.1
89 72.2 60.4 90.6
182 2.8 2.0 3.0



#58
Fluorene
Concen: 43.389 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:166 Resp: 870747
Ion Ratio Lower Upper
166 100
165 97.9 78.5 117.7
167 13.4 10.9 16.3

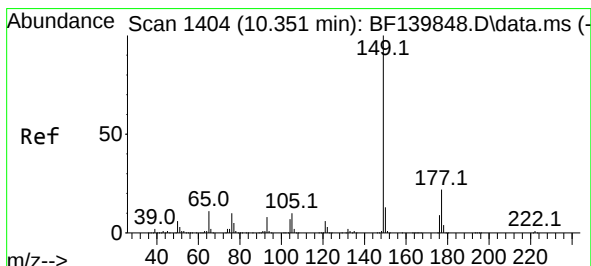
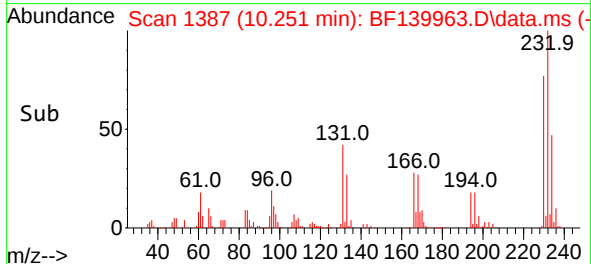
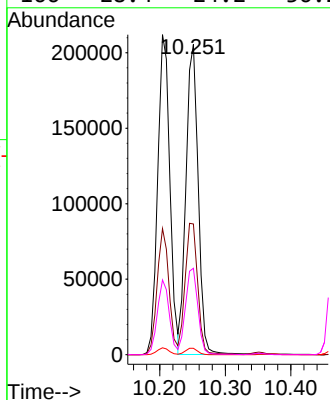
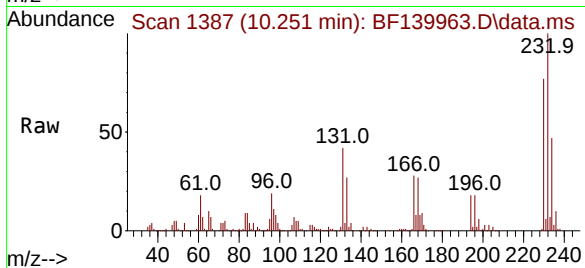




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.921 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

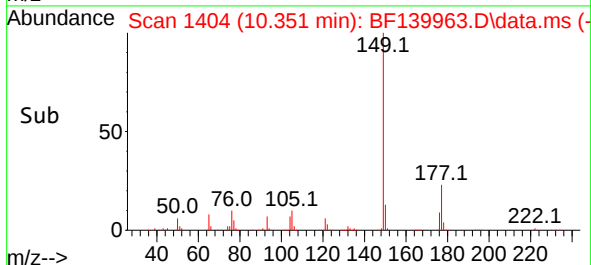
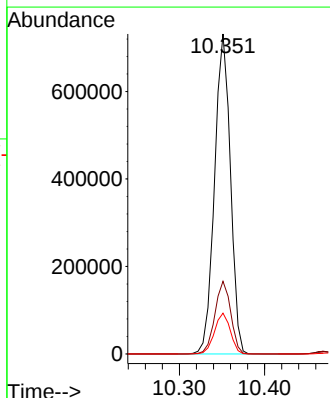
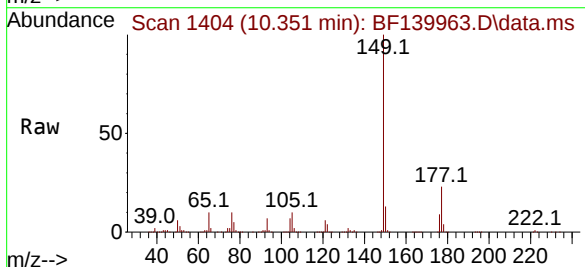
Instrument :
BNA_F
ClientSampleId :
PB164286BS

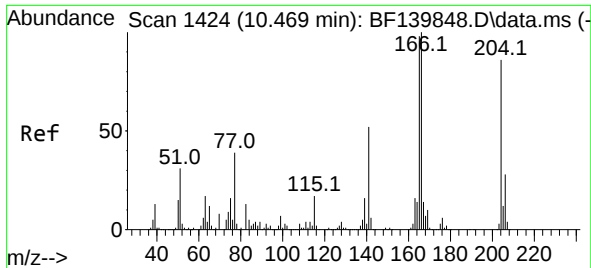
Tgt Ion:232 Resp: 264684
Ion Ratio Lower Upper
232 100
131 43.7 37.0 55.6
130 2.1 1.9 2.9
166 28.4 24.2 36.2



#60
Diethylphthalate
Concen: 44.157 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:149 Resp: 945782
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.7 10.1 15.1

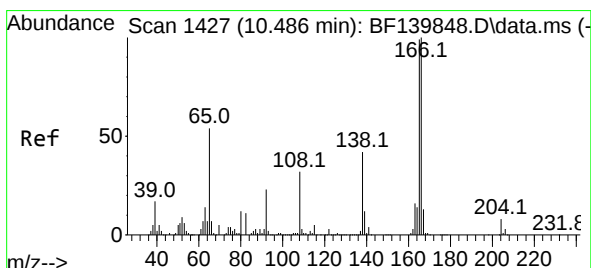
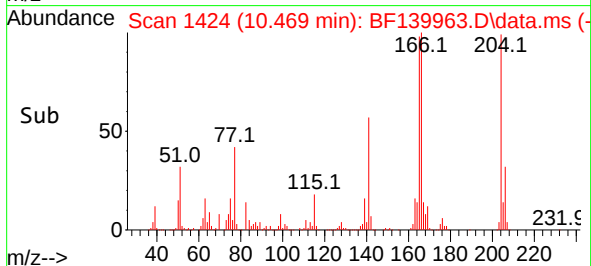
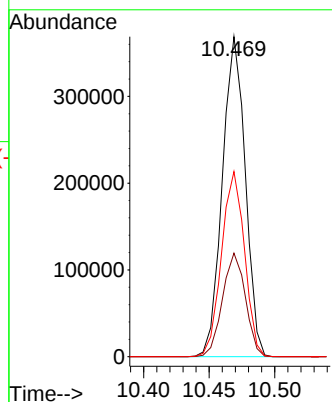
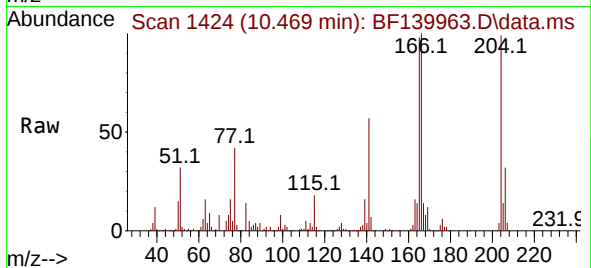




#61
4-Chlorophenyl-phenylether
Concen: 44.165 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

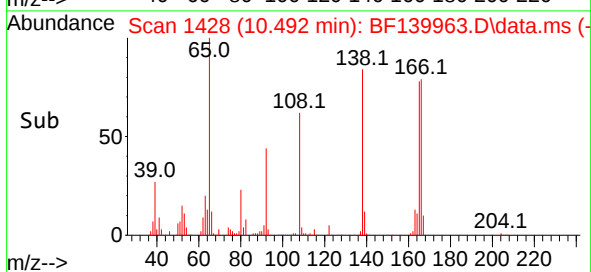
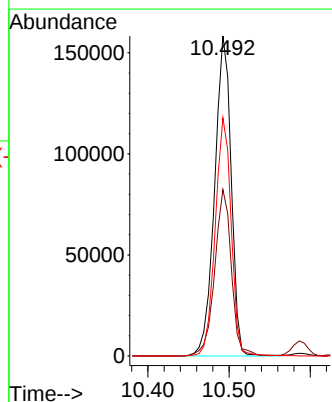
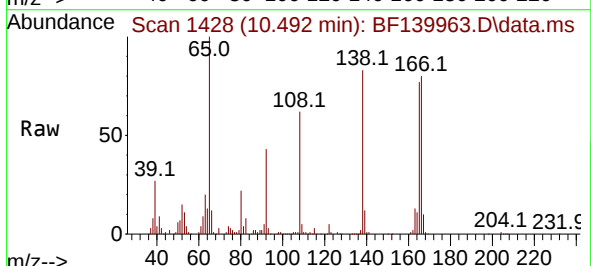
Instrument :
BNA_F
ClientSampleId :
PB164286BS

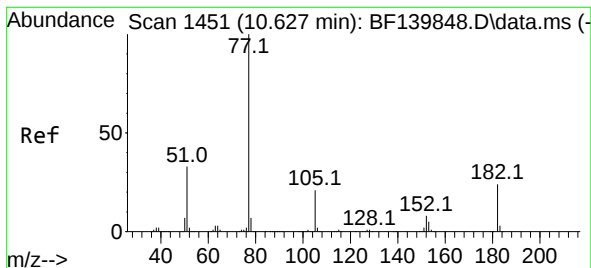
Tgt Ion:204 Resp: 447598
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 57.9 48.6 73.0



#62
4-Nitroaniline
Concen: 48.856 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:138 Resp: 224753
Ion Ratio Lower Upper
138 100
92 52.0 35.7 75.7
108 74.5 57.5 97.5





#63

Azobenzene

Concen: 42.420 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

PB164286BS

Tgt Ion: 77 Resp: 963247

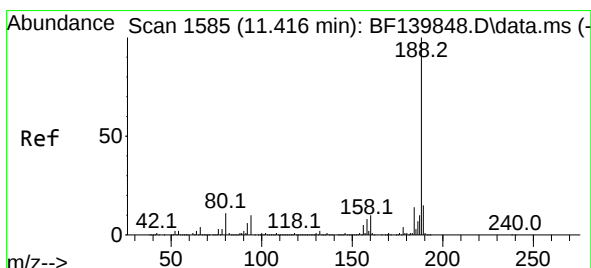
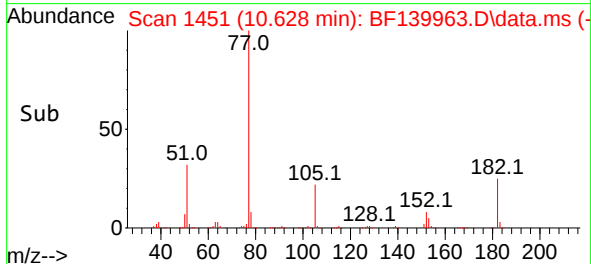
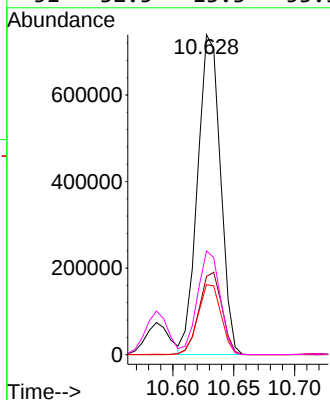
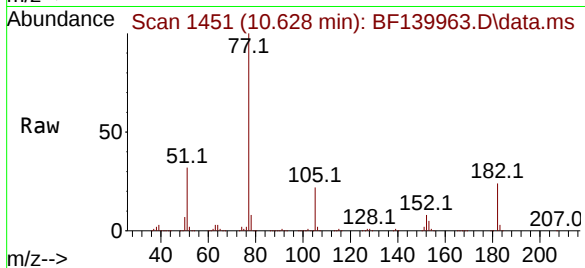
Ion Ratio Lower Upper

77 100

182 24.4 3.3 43.3

105 21.9 1.2 41.2

51 32.5 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

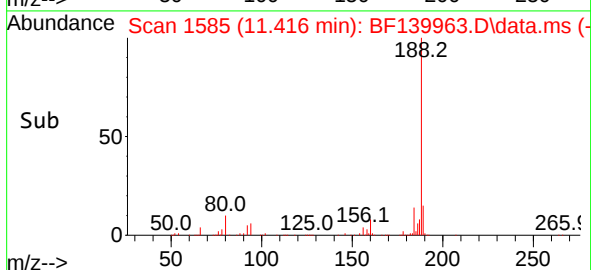
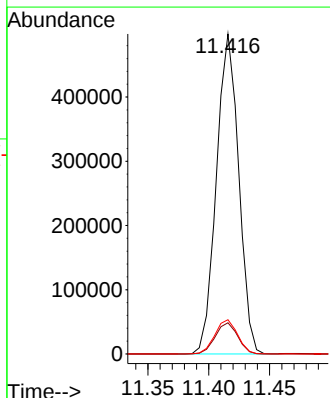
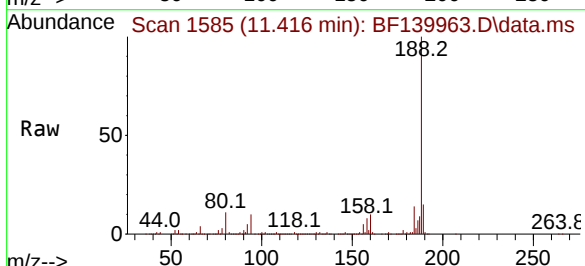
Tgt Ion: 188 Resp: 635882

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.7 9.0 13.4

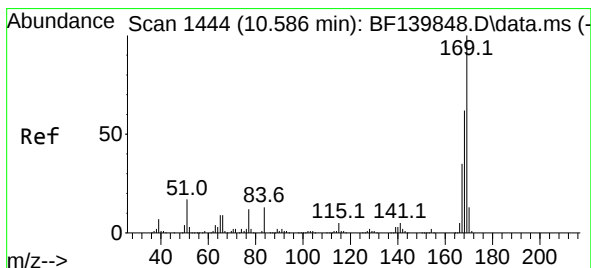
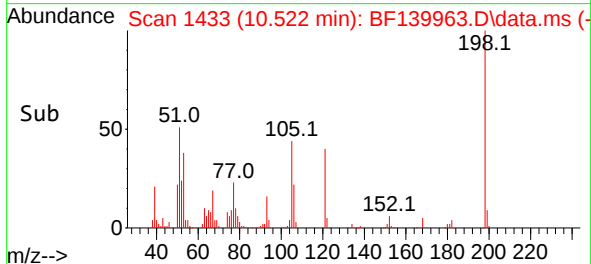
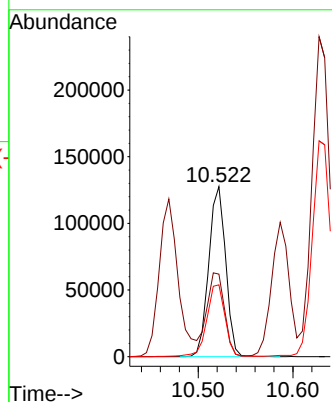
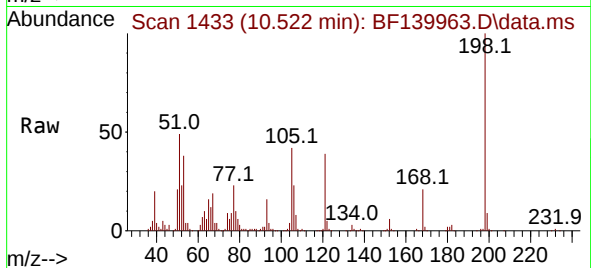




#65
4,6-Dinitro-2-methylphenol
Concen: 61.064 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

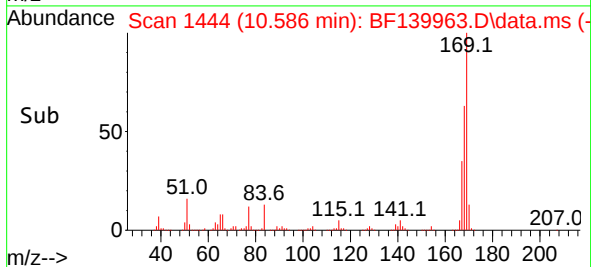
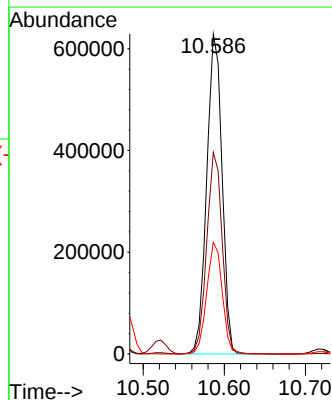
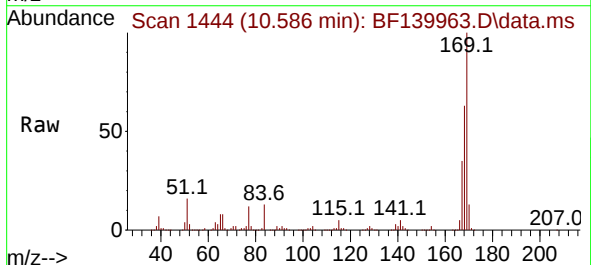
Instrument :
BNA_F
ClientSampleId :
PB164286BS

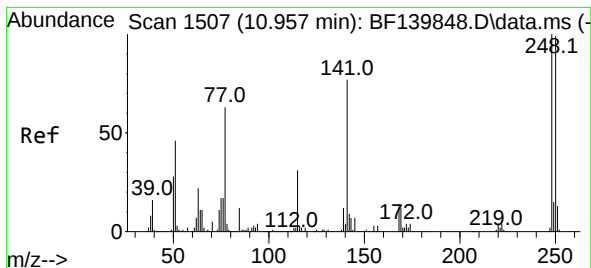
Tgt Ion:198 Resp: 158383
Ion Ratio Lower Upper
198 100
51 48.5 38.2 78.2
105 42.2 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 43.138 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:169 Resp: 820984
Ion Ratio Lower Upper
169 100
168 63.0 49.8 74.6
167 34.9 28.0 42.0

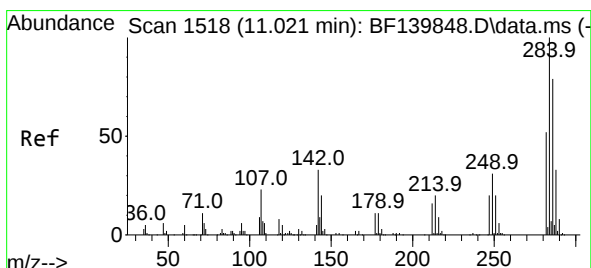
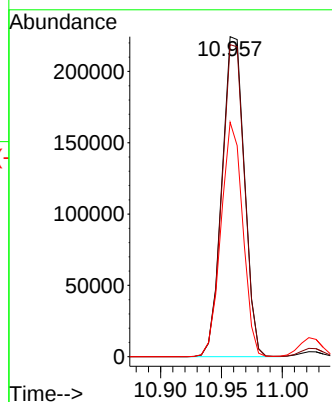
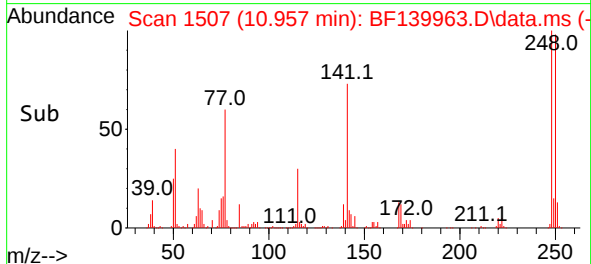
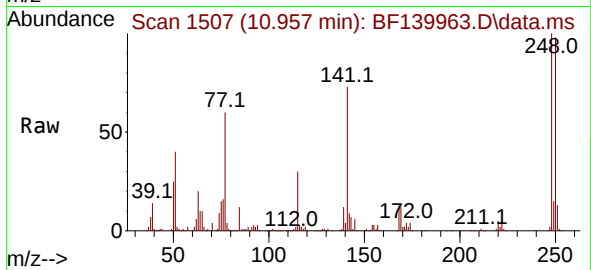




#67
4-Bromophenyl-phenylether
Concen: 44.097 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

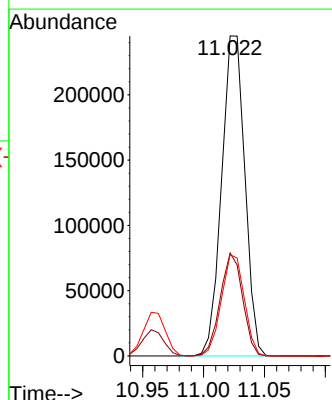
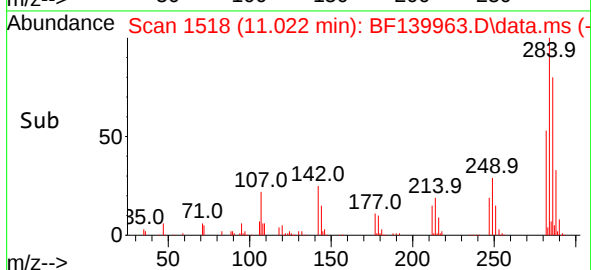
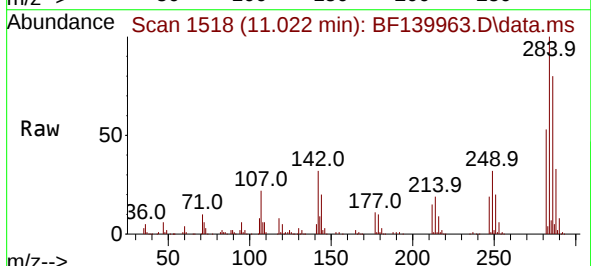
Instrument :
BNA_F
ClientSampleId :
PB164286BS

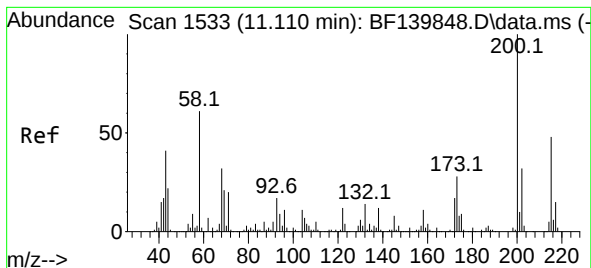
Tgt Ion:248 Resp: 288868
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.6
141 73.2 61.7 92.5



#68
Hexachlorobenzene
Concen: 44.247 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:284 Resp: 325983
Ion Ratio Lower Upper
284 100
142 32.2 26.9 40.3
249 31.7 25.3 37.9





#69

Atrazine

Concen: 51.545 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

PB164286BS

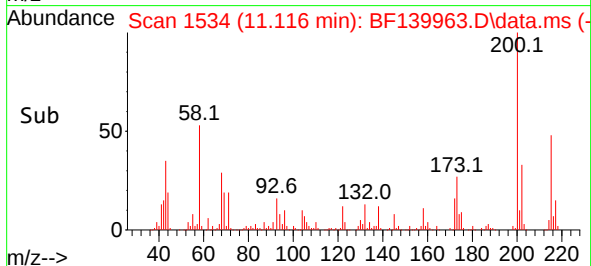
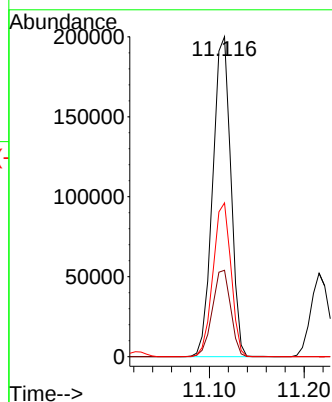
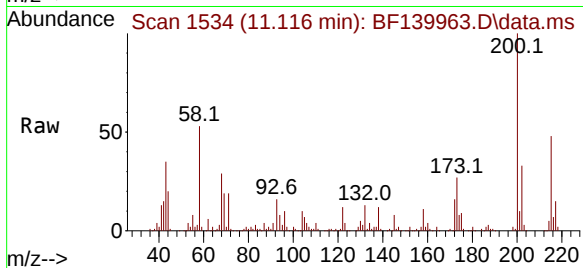
Tgt Ion:200 Resp: 265737

Ion Ratio Lower Upper

200 100

173 27.0 7.7 47.7

215 48.1 27.7 67.7



#70

Pentachlorophenol

Concen: 89.599 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

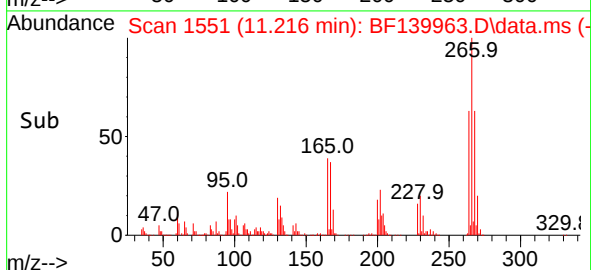
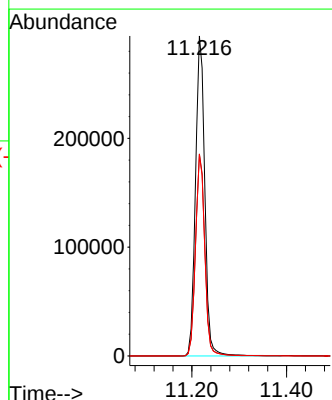
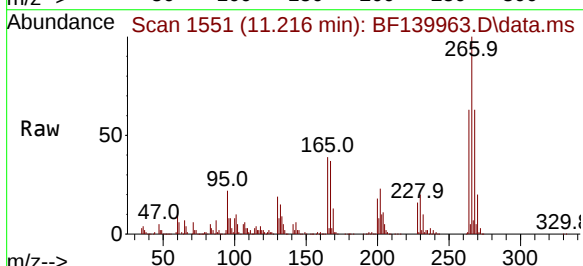
Tgt Ion:266 Resp: 400627

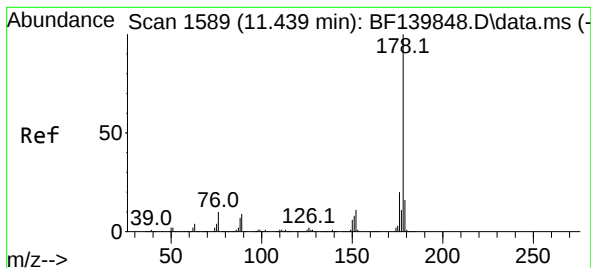
Ion Ratio Lower Upper

266 100

268 63.1 50.4 75.6

264 62.9 50.6 75.8





#71

Phenanthrene

Concen: 43.347 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

PB164286BS

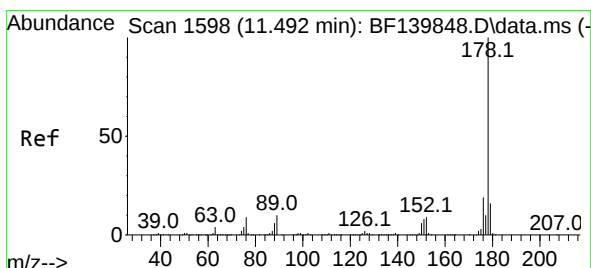
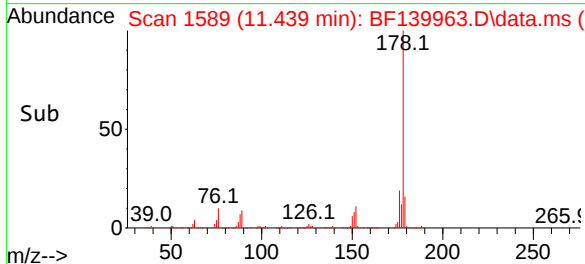
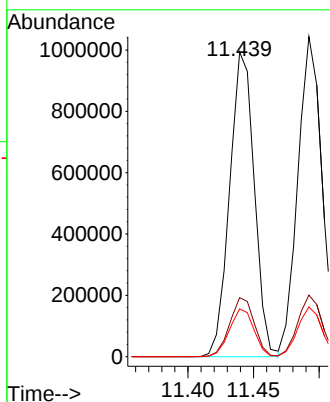
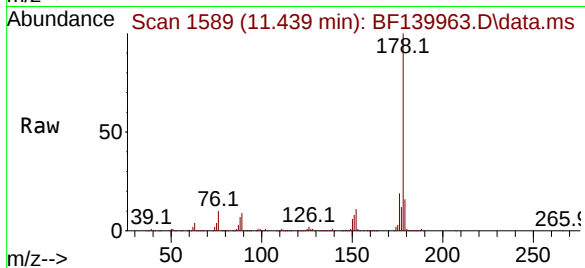
Tgt Ion:178 Resp: 1301995

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

179 15.7 12.6 18.8



#72

Anthracene

Concen: 45.105 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

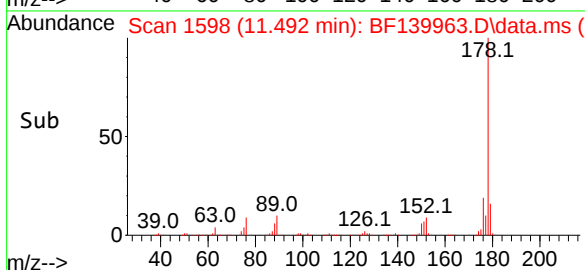
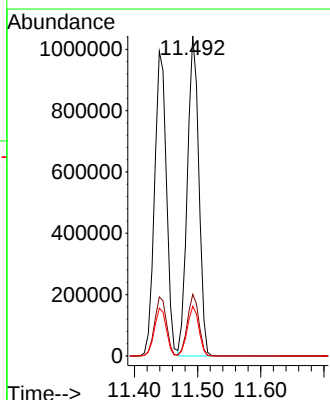
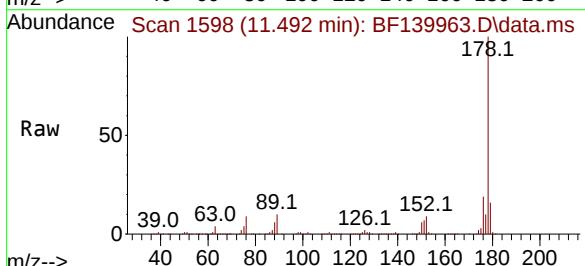
Tgt Ion:178 Resp: 1321841

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.6 12.4 18.6





#73

Carbazole

Concen: 41.570 ng

RT: 11.645 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

PB164286BS

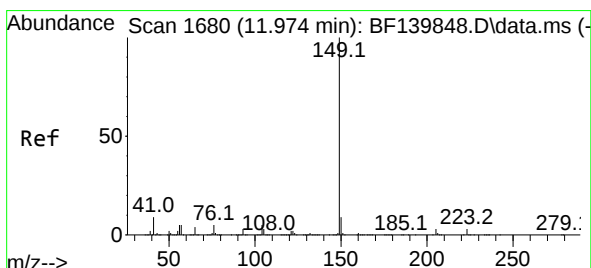
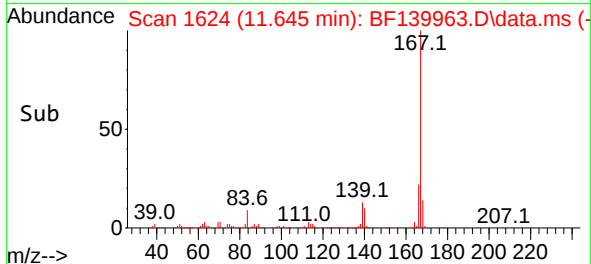
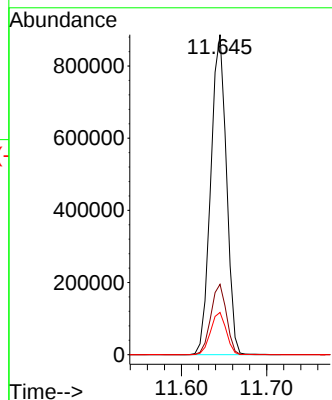
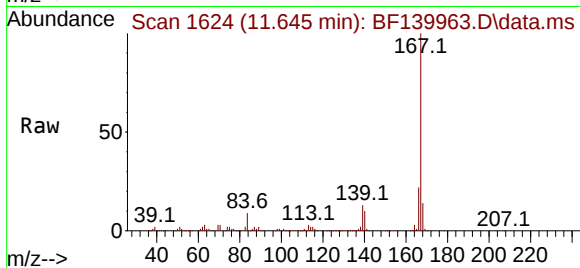
Tgt Ion:167 Resp: 1132997

Ion Ratio Lower Upper

167 100

166 22.0 17.0 25.6

139 13.2 10.8 16.2



#74

Di-n-butylphthalate

Concen: 43.634 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

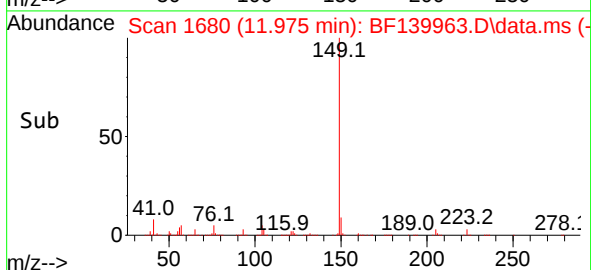
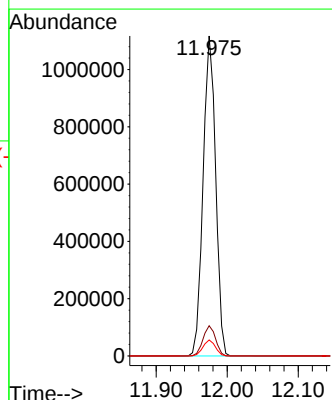
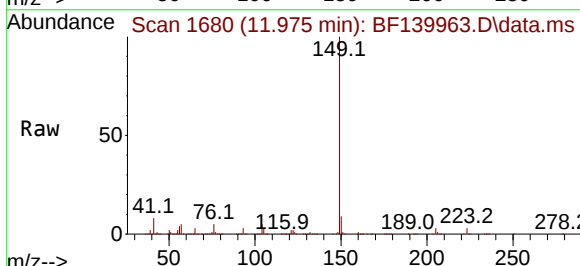
Tgt Ion:149 Resp: 1373983

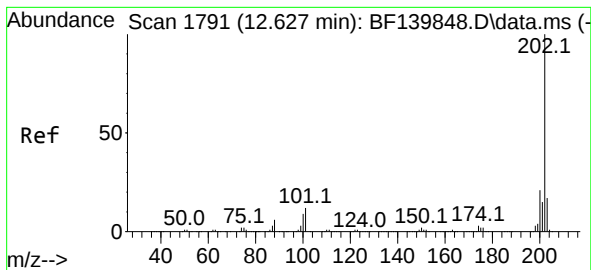
Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 5.0 4.1 6.1

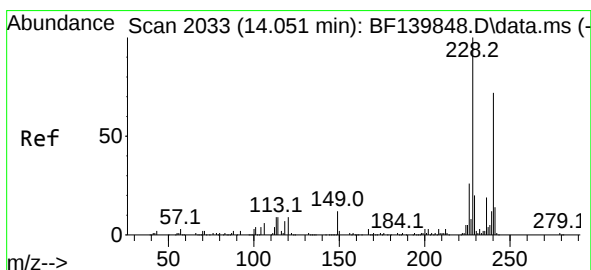
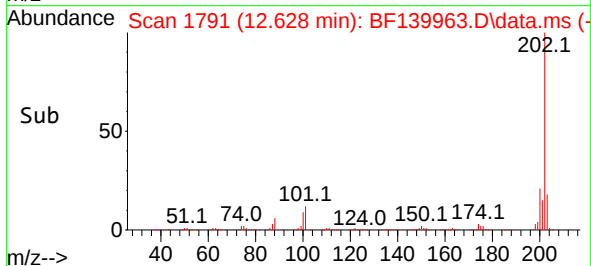
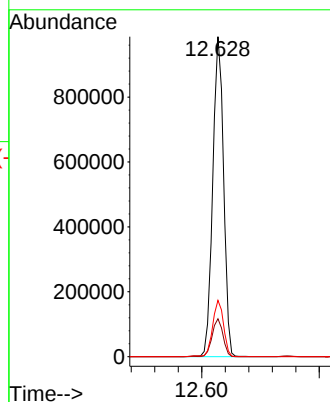
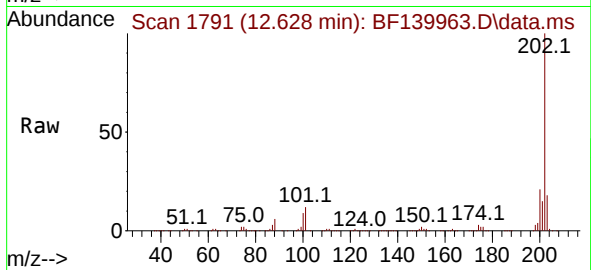




#75
Fluoranthene
Concen: 41.445 ng
RT: 12.628 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

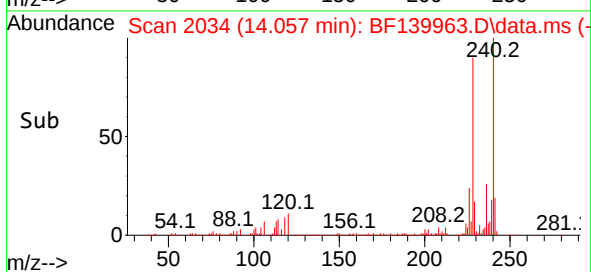
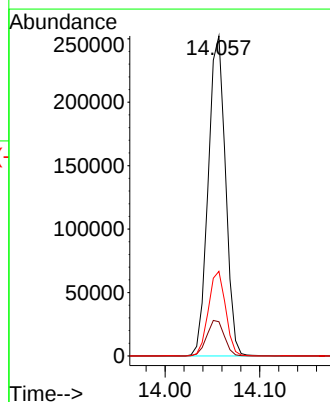
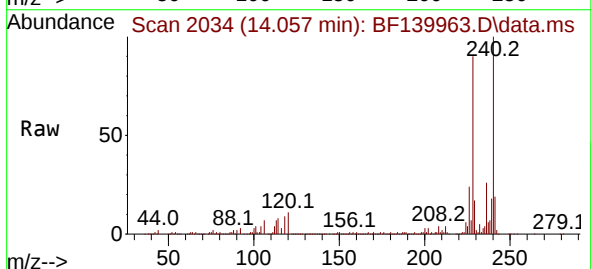
Instrument :
BNA_F
ClientSampleId :
PB164286BS

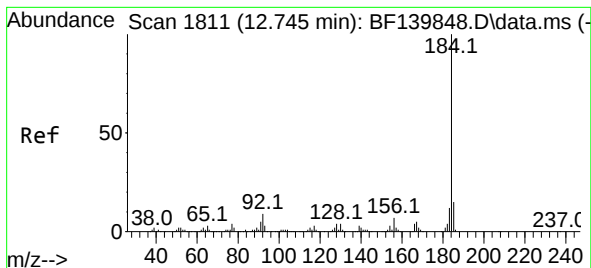
Tgt Ion:202 Resp: 1258467
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.9
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:240 Resp: 319612
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 26.4 20.9 31.3





#77

Benzidine

Concen: 79.534 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

PB164286BS

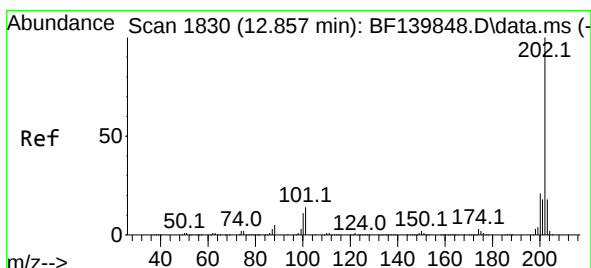
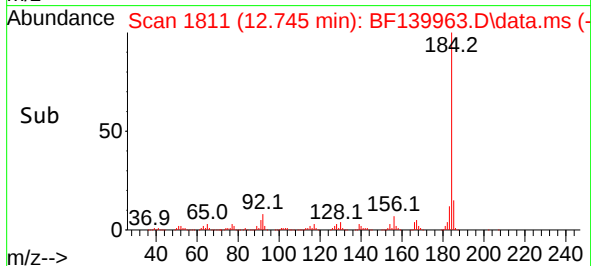
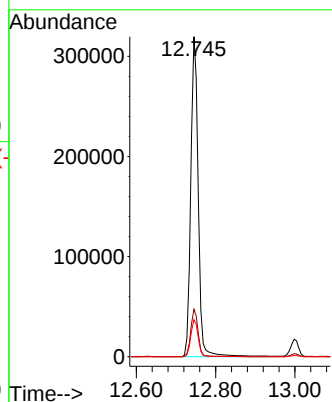
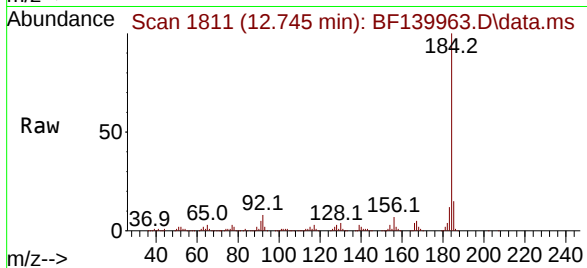
Tgt Ion:184 Resp: 417992

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

183 11.6 9.4 14.2



#78

Pyrene

Concen: 45.118 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

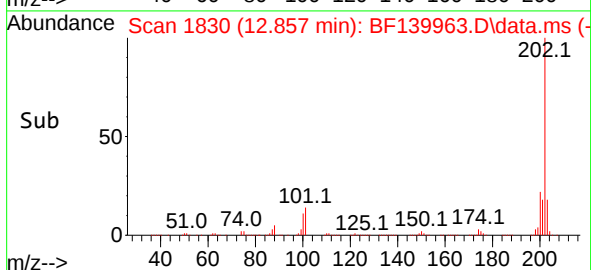
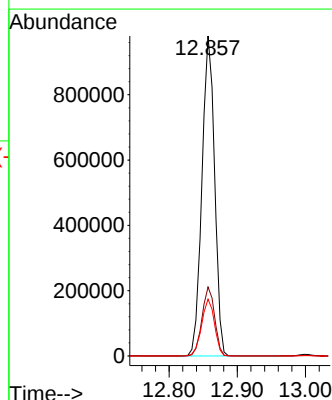
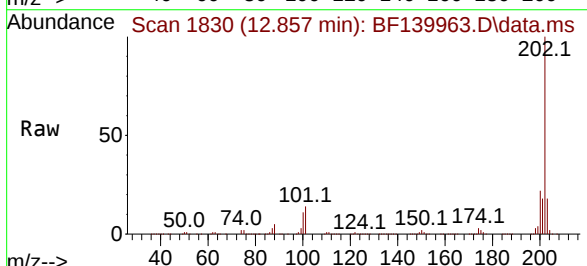
Tgt Ion:202 Resp: 1262248

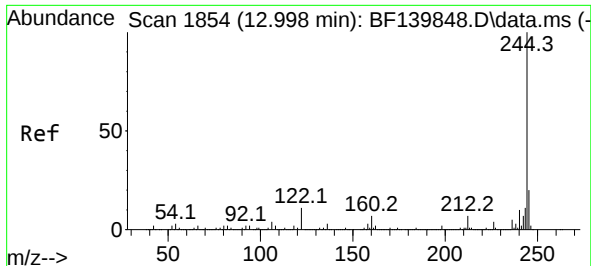
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 17.7 14.2 21.4

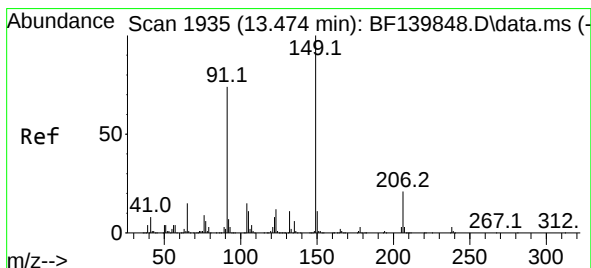
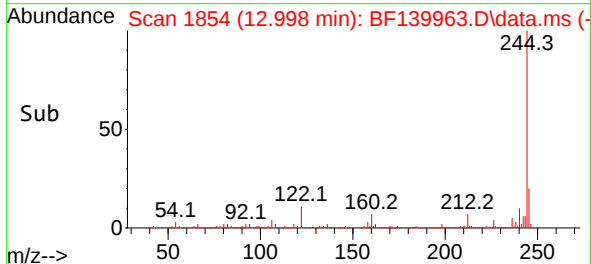
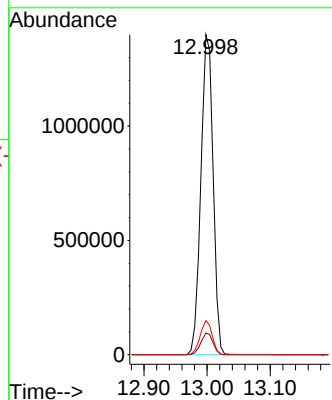
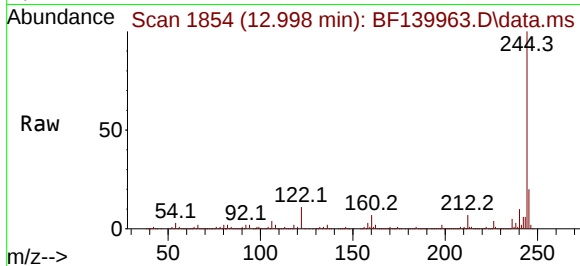




#79
 Terphenyl-d14
 Concen: 95.706 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139963.D
 Acq: 23 Oct 2024 14:33

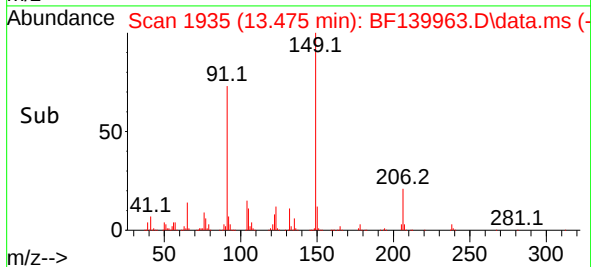
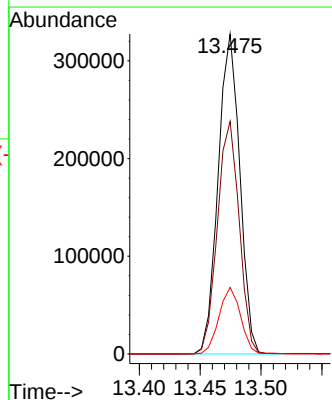
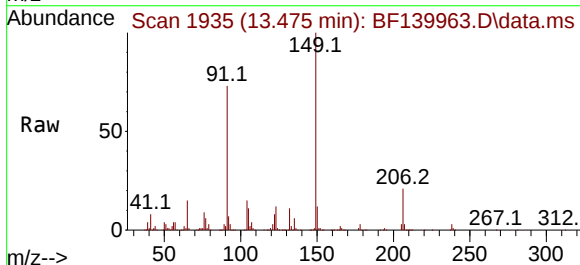
Instrument :
 BNA_F
 ClientSampleId :
 PB164286BS

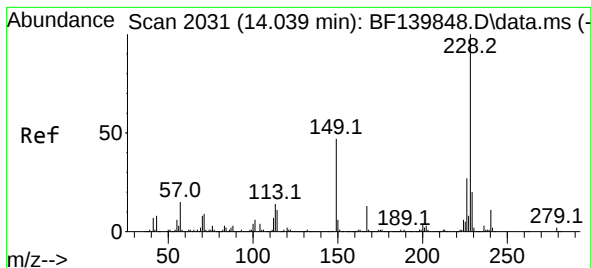
Tgt Ion:244 Resp: 1877217
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.6 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 48.439 ng
 RT: 13.475 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139963.D
 Acq: 23 Oct 2024 14:33

Tgt Ion:149 Resp: 406282
 Ion Ratio Lower Upper
 149 100
 91 72.6 59.4 89.2
 206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 45.600 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

PB164286BS

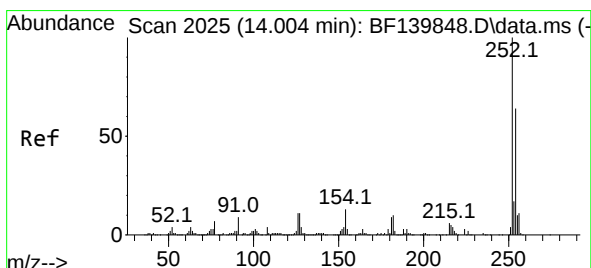
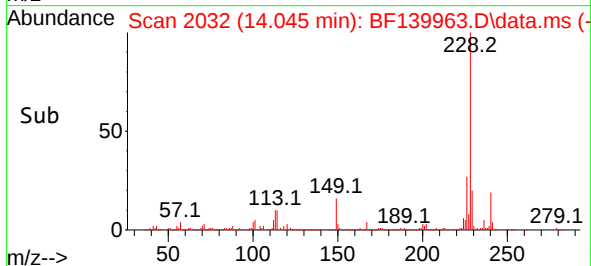
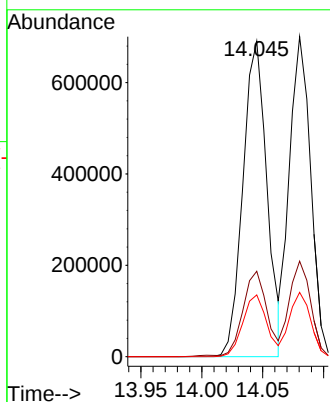
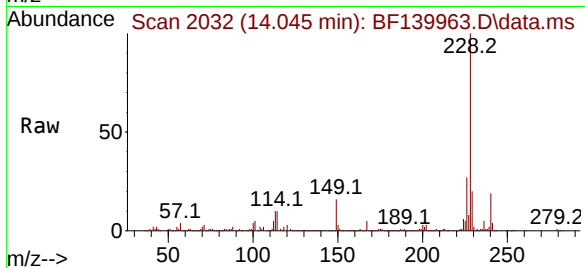
Tgt Ion:228 Resp: 948731

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.6 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 40.249 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

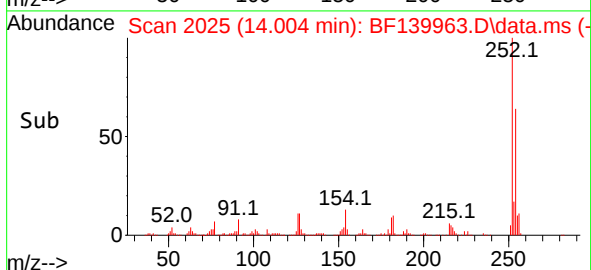
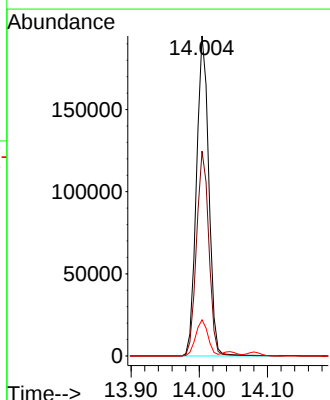
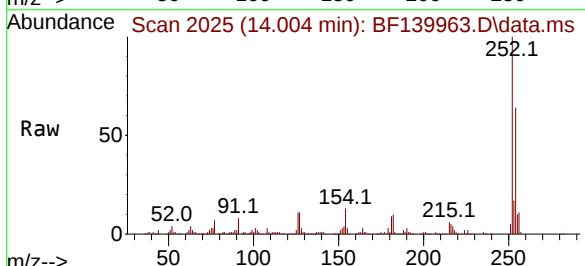
Tgt Ion:252 Resp: 244157

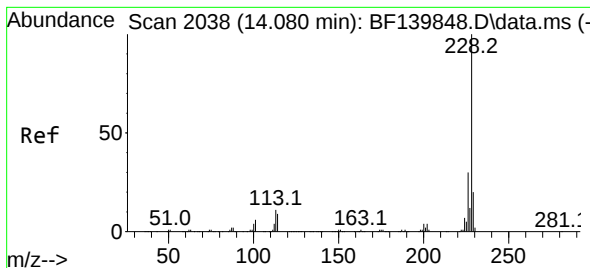
Ion Ratio Lower Upper

252 100

254 64.0 50.8 76.2

126 11.3 8.9 13.3





#83

Chrysene

Concen: 44.700 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

PB164286BS

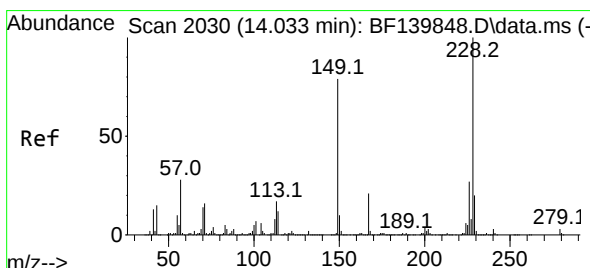
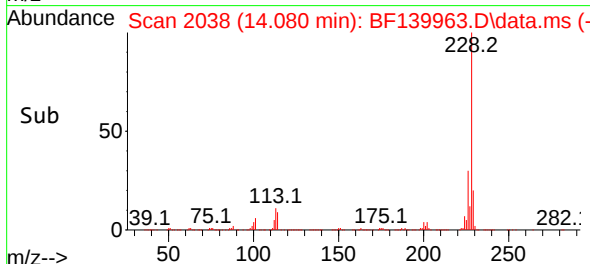
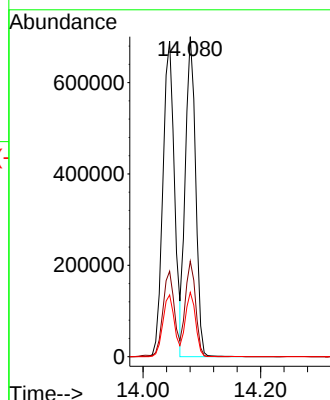
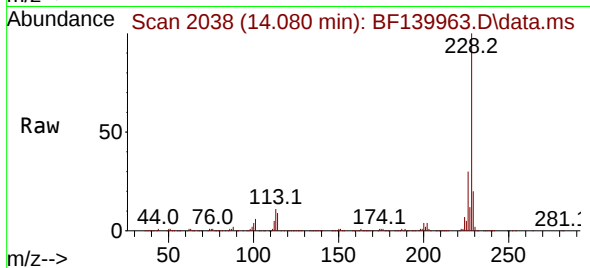
Tgt Ion:228 Resp: 852715

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.664 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

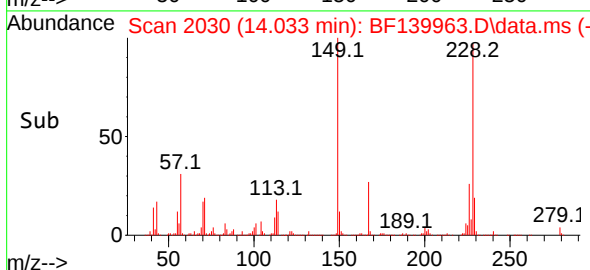
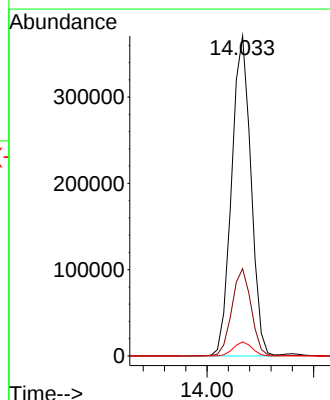
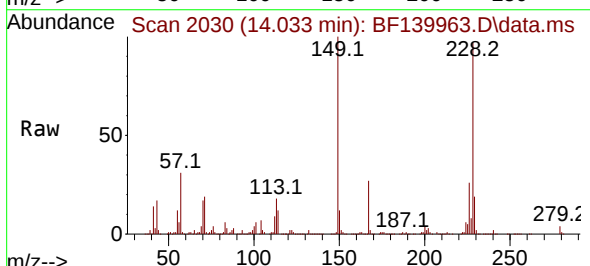
Tgt Ion:149 Resp: 467356

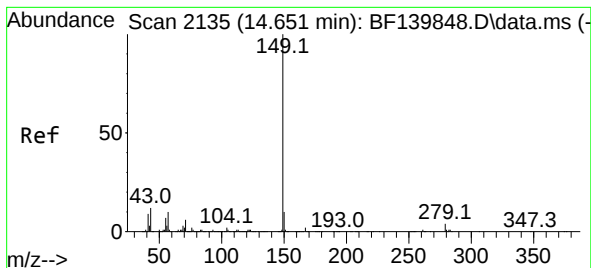
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 47.248 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

PB164286BS

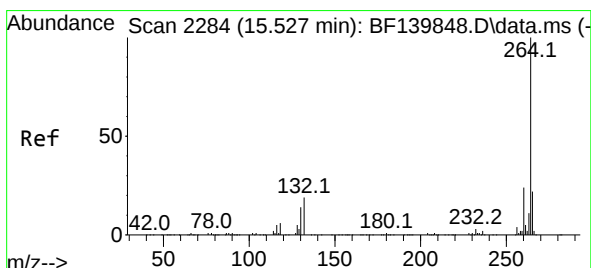
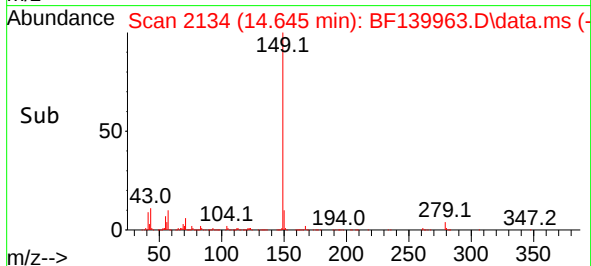
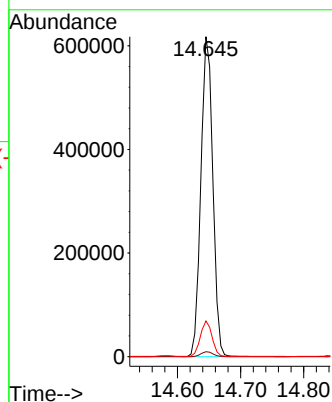
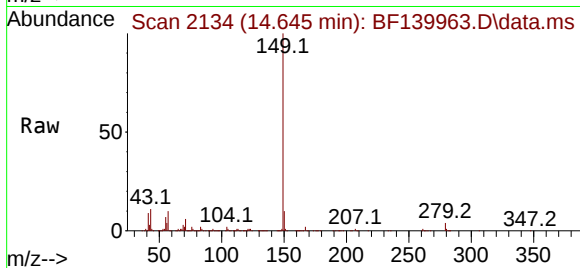
Tgt Ion:149 Resp: 808706

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.8 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

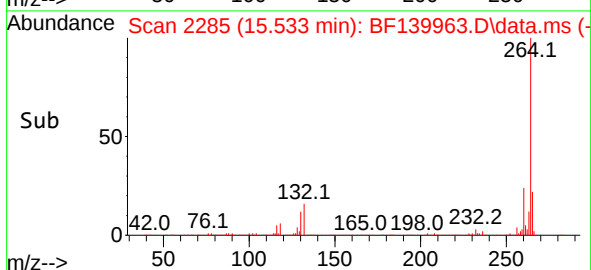
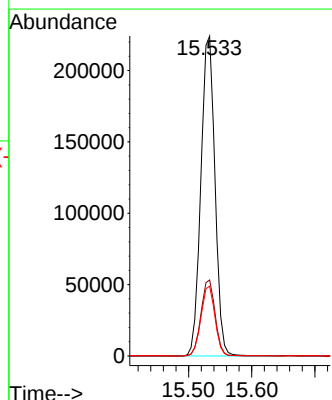
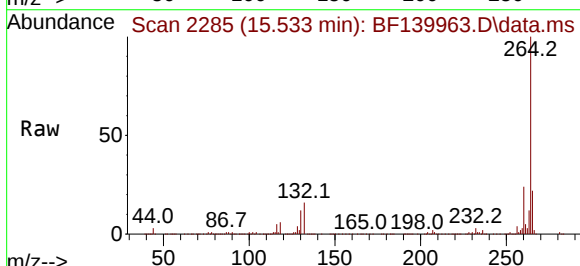
Tgt Ion:264 Resp: 347575

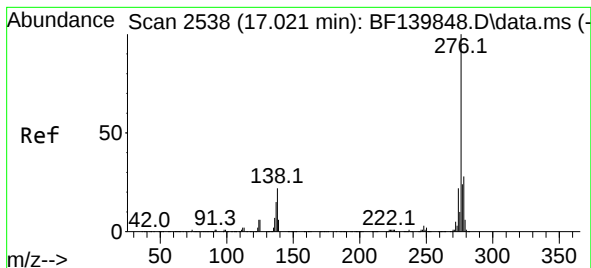
Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.330 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

Instrument :

BNA_F

ClientSampleId :

PB164286BS

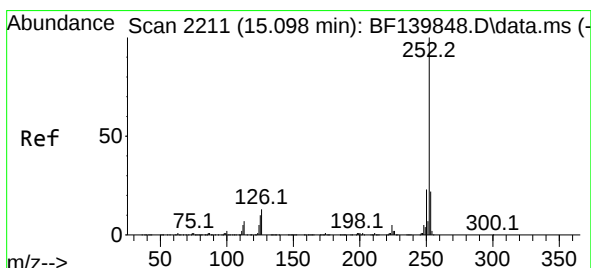
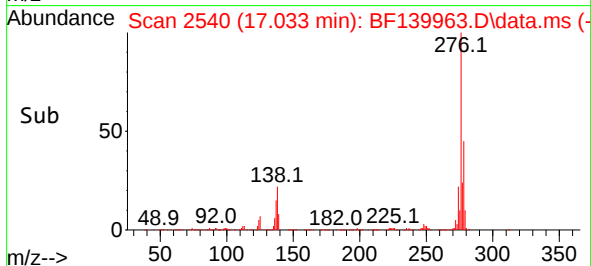
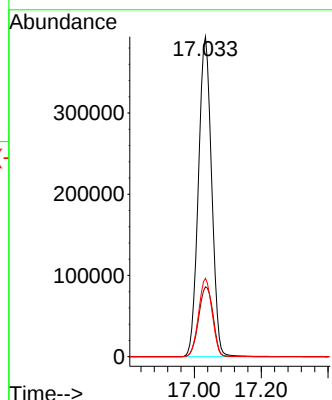
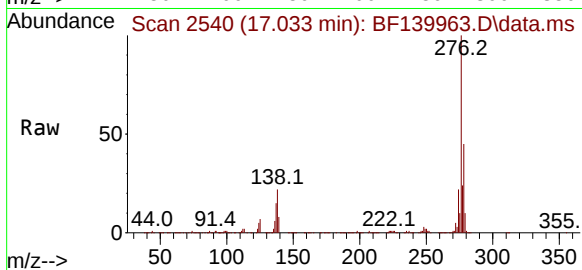
Tgt Ion:276 Resp: 1080680

Ion Ratio Lower Upper

276 100

138 23.8 20.4 30.6

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 44.891 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139963.D

Acq: 23 Oct 2024 14:33

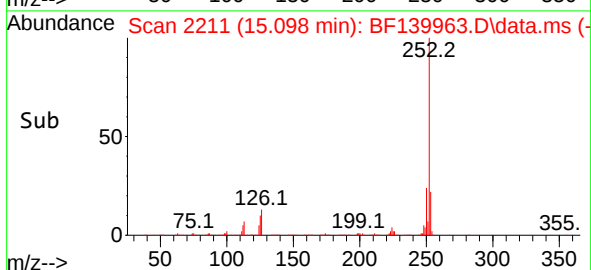
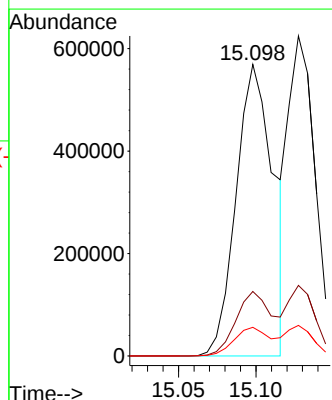
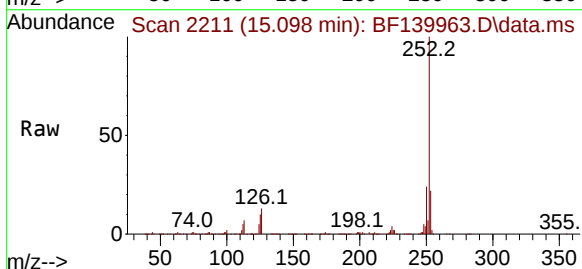
Tgt Ion:252 Resp: 950470

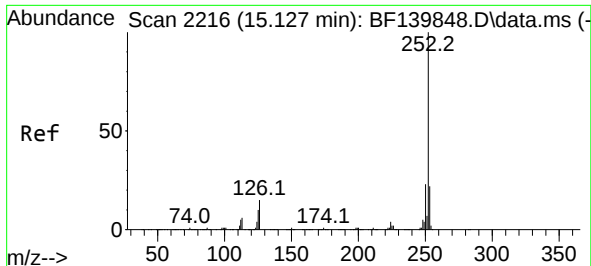
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.8 7.9 11.9

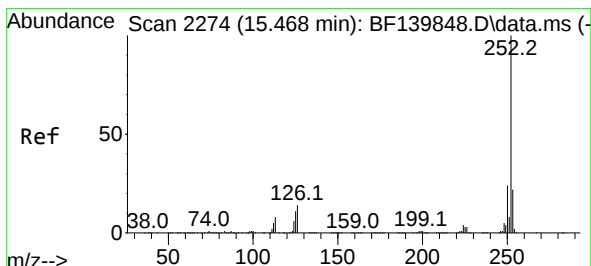
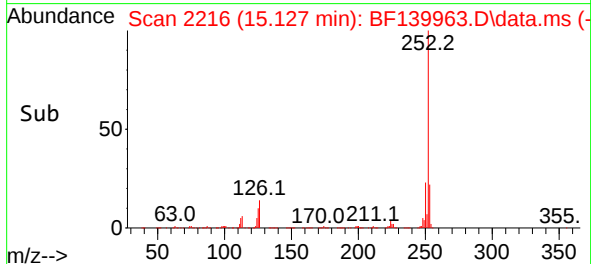
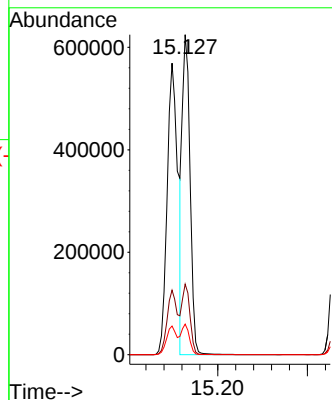
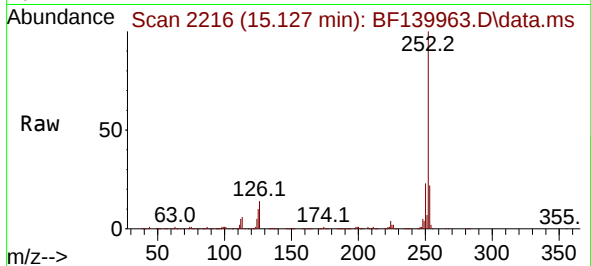




#89
Benzo(k)fluoranthene
Concen: 41.459 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

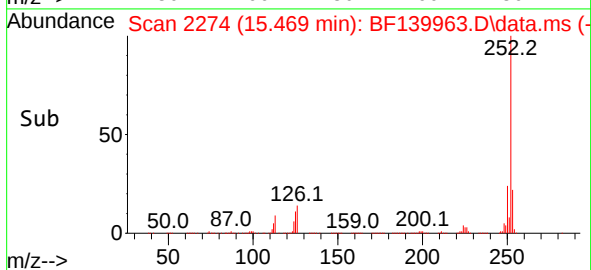
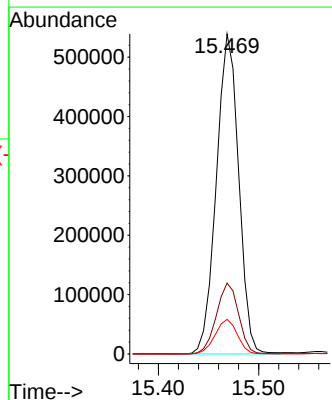
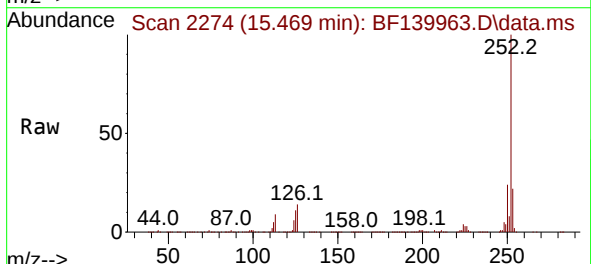
Instrument :
BNA_F
ClientSampleId :
PB164286BS

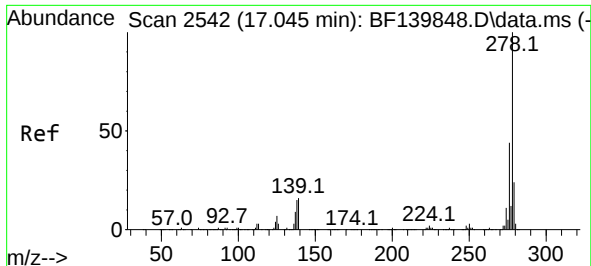
Tgt Ion:252 Resp: 757041
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.5 7.9 11.9



#90
Benzo(a)pyrene
Concen: 47.813 ng
RT: 15.469 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:252 Resp: 832975
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.8 8.7 13.1

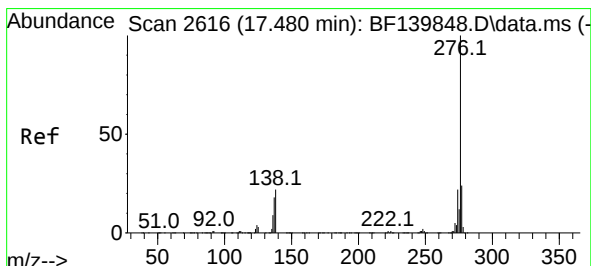
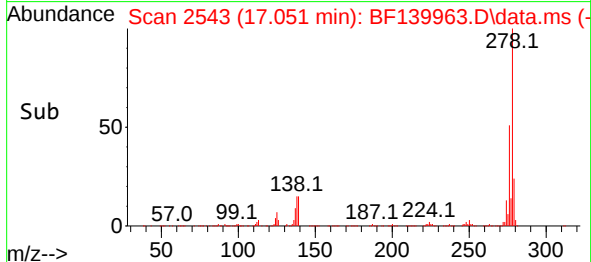
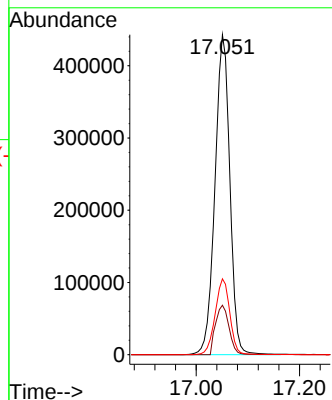
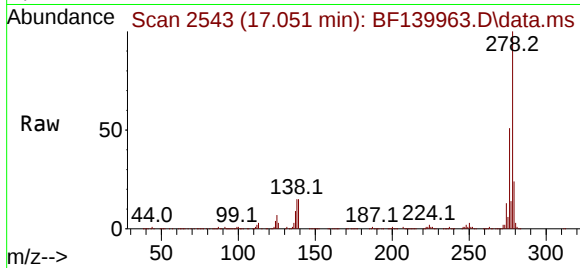




#91
Dibenzo(a,h)anthracene
Concen: 47.444 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Instrument :
BNA_F
ClientSampleId :
PB164286BS

Tgt Ion:278 Resp: 885004
Ion Ratio Lower Upper
278 100
139 15.4 13.1 19.7
279 23.7 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 43.441 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF139963.D
Acq: 23 Oct 2024 14:33

Tgt Ion:276 Resp: 809408
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 20.9 17.4 26.0

