

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF139994.D
 Acq On : 24 Oct 2024 11:49
 Operator : RC/JU
 Sample : PB164315BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164315BS

Quant Time: Oct 24 12:21:18 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	6.892	152	143702	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	566601	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	302186	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	535948	20.000	ng	0.00
76) Chrysene-d12	14.051	240	260625	20.000	ng	0.00
86) Perylene-d12	15.527	264	282742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1160292	126.402	ng	0.02
7) Phenol-d6	6.516	99	1462769	123.038	ng	0.00
23) Nitrobenzene-d5	7.451	82	954892	93.405	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	446749	158.054	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1707500	93.386	ng	0.00
79) Terphenyl-d14	12.998	244	1703690	106.518	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	154698	36.146	ng	95
3) Pyridine	3.516	79	411484	38.788	ng	95
4) n-Nitrosodimethylamine	3.463	42	234738	41.185	ng	96
6) Aniline	6.551	93	439543	39.670	ng	99
8) 2-Chlorophenol	6.675	128	450392	47.995	ng	96
9) Benzaldehyde	6.440	77	107591	16.087	ng	98
10) Phenol	6.528	94	549026m	44.794	ng	
11) bis(2-Chloroethyl)ether	6.628	93	430120	45.402	ng	97
12) 1,3-Dichlorobenzene	6.834	146	476596	44.243	ng	99
13) 1,4-Dichlorobenzene	6.910	146	487421	45.290	ng	98
14) 1,2-Dichlorobenzene	7.063	146	465007	46.296	ng	99
15) Benzyl Alcohol	7.028	79	404111	46.338	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	708497	43.860	ng	97
17) 2-Methylphenol	7.140	107	372824	46.592	ng	99
18) Hexachloroethane	7.404	117	174507	45.471	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	324409	44.991	ng	95
20) 3+4-Methylphenols	7.287	107	452339	44.196	ng	94
22) Acetophenone	7.298	105	606884	43.730	ng	98
24) Nitrobenzene	7.469	77	489244	43.649	ng	100
25) Isophorone	7.710	82	884582	45.589	ng	99
26) 2-Nitrophenol	7.787	139	236831	56.009	ng	95
27) 2,4-Dimethylphenol	7.816	122	371793	52.731	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	532172	45.268	ng	100
29) 2,4-Dichlorophenol	8.022	162	370712	46.160	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	393537	44.285	ng	99
31) Naphthalene	8.192	128	1298729	44.444	ng	100
32) Benzoic acid	7.934	122	295362	48.029	ng	94
33) 4-Chloroaniline	8.239	127	191995	19.268	ng	98
34) Hexachlorobutadiene	8.310	225	252882	45.291	ng	100
35) Caprolactam	8.610	113	120736m	47.281	ng	
36) 4-Chloro-3-methylphenol	8.716	107	403239	45.345	ng	97
37) 2-Methylnaphthalene	8.886	142	823280	46.002	ng	99
38) 1-Methylnaphthalene	8.986	142	760399	43.306	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	388519	47.656	ng	99
41) Hexachlorocyclopentadiene	9.039	237	514537	181.387	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	293862	50.913	ng	99

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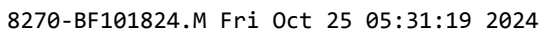
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 ClientSampleId :
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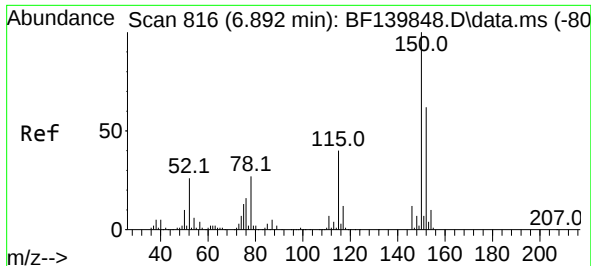
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	295995	49.705	ng	99
46) 1,1'-Biphenyl	9.351	154	990678	47.093	ng	99
47) 2-Chloronaphthalene	9.375	162	789590	46.602	ng	99
48) 2-Nitroaniline	9.469	65	269390	51.986	ng	93
49) Acenaphthylene	9.792	152	1234528	50.400	ng	99
50) Dimethylphthalate	9.651	163	921453	48.955	ng	100
51) 2,6-Dinitrotoluene	9.710	165	205171	50.343	ng	95
52) Acenaphthene	9.963	154	863112	54.470	ng	99
53) 3-Nitroaniline	9.875	138	125115	29.770	ng	97
54) 2,4-Dinitrophenol	9.986	184	224090	128.071	ng	# 1
55) Dibenzofuran	10.133	168	1095379	48.181	ng	99
56) 4-Nitrophenol	10.033	139	342409	105.897	ng	96
57) 2,4-Dinitrotoluene	10.116	165	274243	54.720	ng	96
58) Fluorene	10.480	166	821779	47.458	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	246416	52.785	ng	96
60) Diethylphthalate	10.351	149	883265	47.793	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	419283	47.948	ng	98
62) 4-Nitroaniline	10.492	138	195741	49.313	ng	95
63) Azobenzene	10.628	77	905569	46.220	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	150164	68.690	ng	90
66) n-Nitrosodiphenylamine	10.586	169	771009	48.066	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	274971	49.802	ng	97
68) Hexachlorobenzene	11.028	284	308047	49.608	ng	94
69) Atrazine	11.116	200	249571	57.436	ng	99
70) Pentachlorophenol	11.216	266	373703	99.161	ng	99
71) Phenanthrene	11.439	178	1205859	47.632	ng	100
72) Anthracene	11.492	178	1233007	49.919	ng	100
73) Carbazole	11.645	167	1052474	45.816	ng	99
74) Di-n-butylphthalate	11.975	149	1249126	47.065	ng	100
75) Fluoranthene	12.627	202	1184700	46.291	ng	100
77) Benzidine	12.745	184	199428	46.535	ng	99
78) Pyrene	12.857	202	1178350	51.652	ng	100
80) Butylbenzylphthalate	13.474	149	366950	53.652	ng	98
81) Benzo(a)anthracene	14.045	228	854961	50.393	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	178968	36.180	ng	98
83) Chrysene	14.080	228	755642	48.577	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	411236	53.591	ng	99
85) Di-n-octyl phthalate	14.645	149	701121	50.233	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	1030056	56.629	ng	98
88) Benzo(b)fluoranthene	15.098	252	745894	43.307	ng	99
89) Benzo(k)fluoranthene	15.127	252	765437	51.531	ng	99
90) Benzo(a)pyrene	15.468	252	745619	52.612	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	843072	55.560	ng	99
92) Benzo(g,h,i)perylene	17.486	276	798685	52.694	ng	99

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

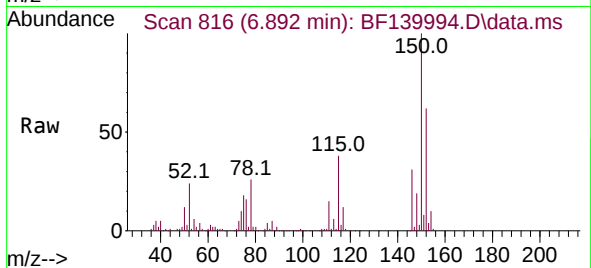
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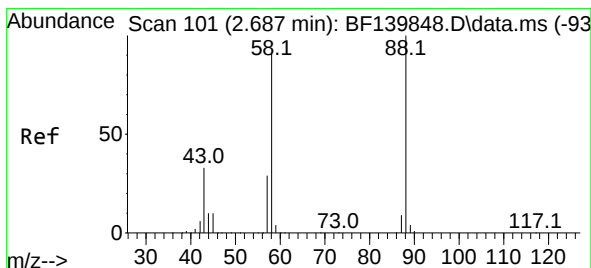
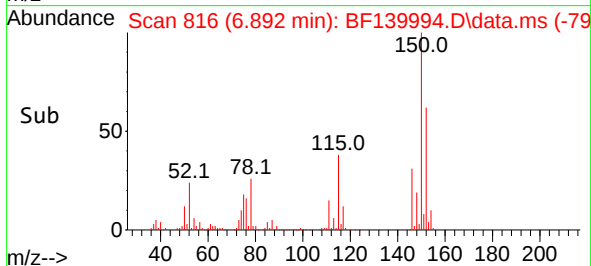
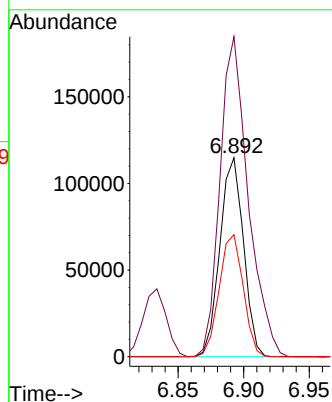


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Instrument :
BNA_F
ClientSampleId :
PB164315BS

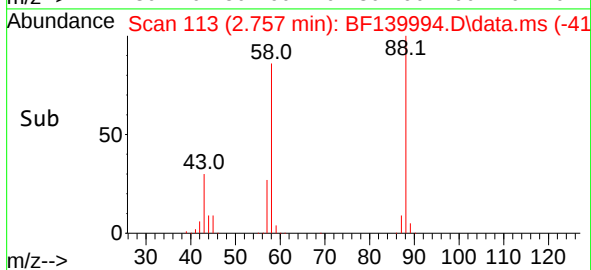
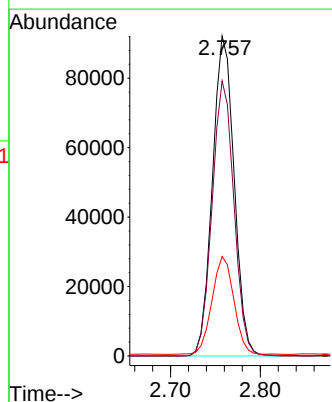
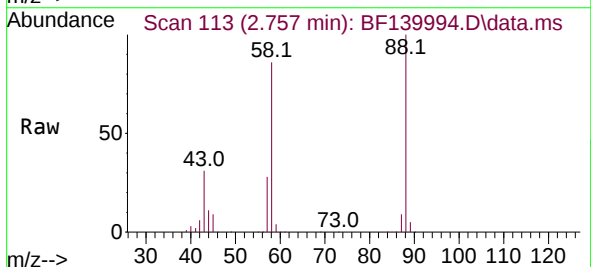


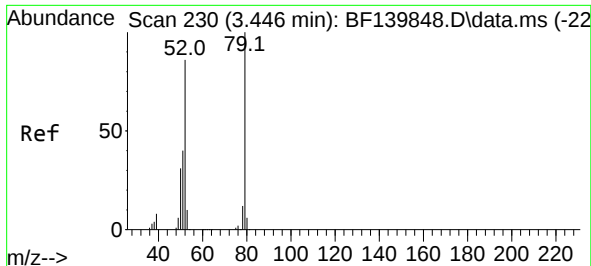
Tgt Ion:152 Resp: 143702
Ion Ratio Lower Upper
152 100
150 160.9 130.2 195.2
115 61.4 51.4 77.2



#2
1,4-Dioxane
Concen: 36.146 ng
RT: 2.757 min Scan# 113
Delta R.T. 0.071 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion: 88 Resp: 154698
Ion Ratio Lower Upper
88 100
58 86.6 73.3 109.9
43 30.9 27.1 40.7





#3

Pyridine

Concen: 38.788 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.071 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

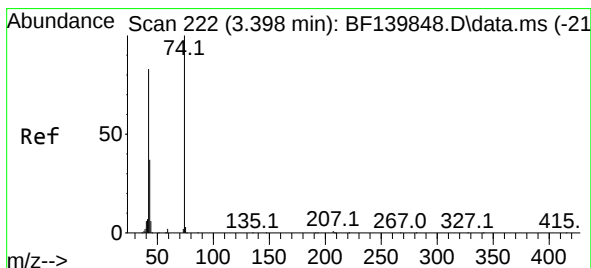
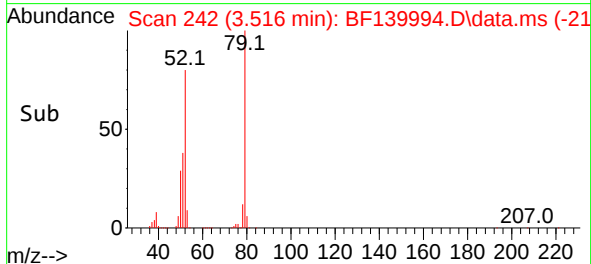
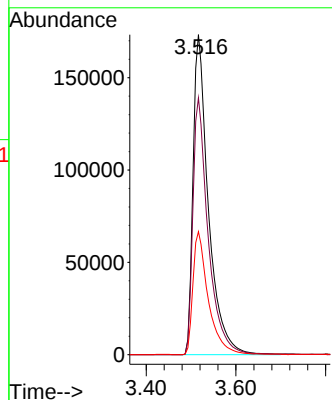
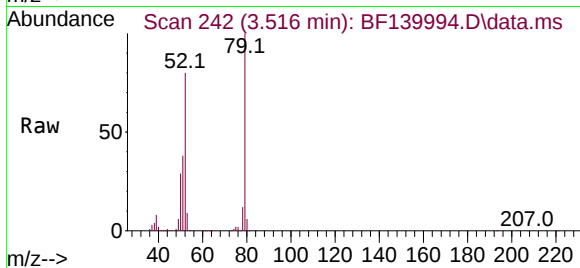
Tgt Ion: 79 Resp: 411484

Ion Ratio Lower Upper

79 100

52 80.2 68.5 102.7

51 38.4 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 41.185 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.065 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

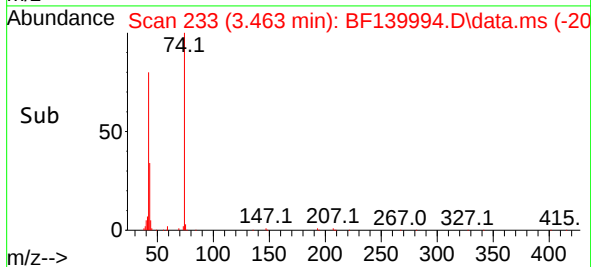
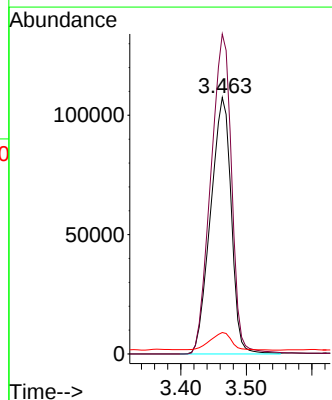
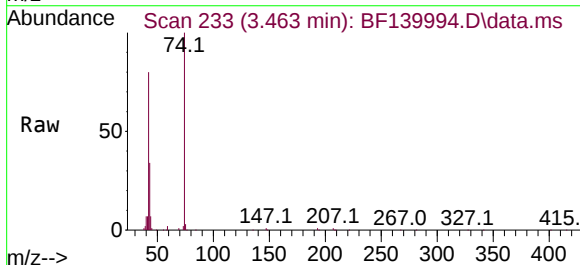
Tgt Ion: 42 Resp: 234738

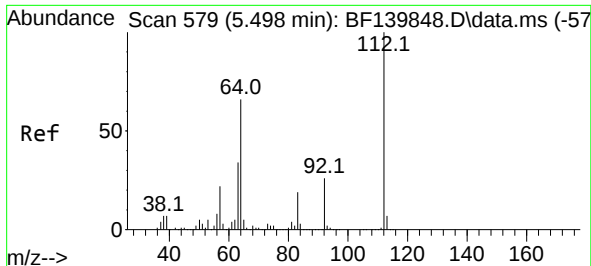
Ion Ratio Lower Upper

42 100

74 124.8 96.2 144.4

44 8.3 6.2 9.2

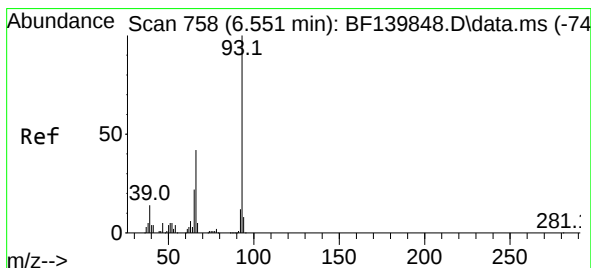
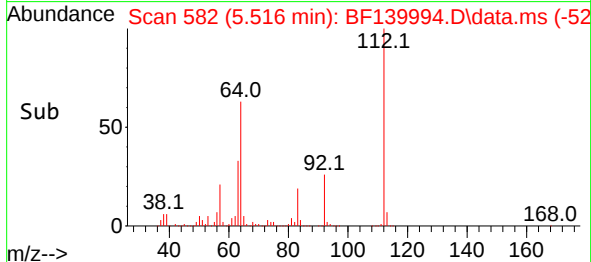
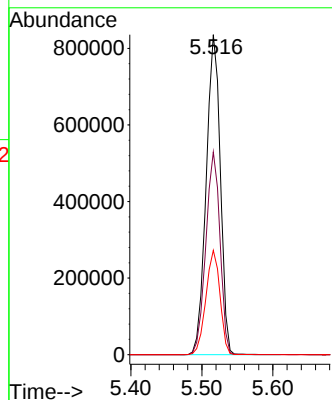
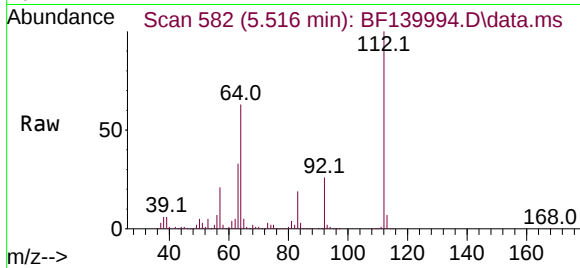




#5
2-Fluorophenol
Concen: 126.402 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

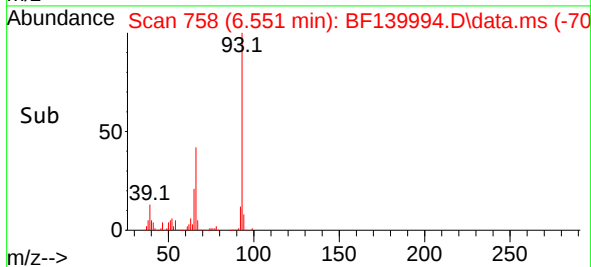
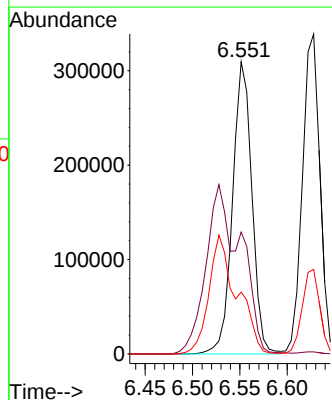
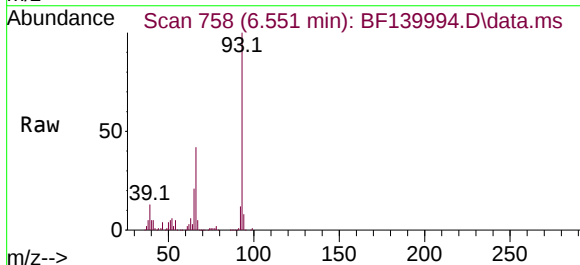
Instrument :
BNA_F
ClientSampleId :
PB164315BS

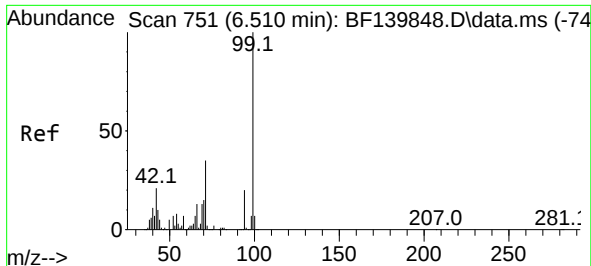
Tgt Ion:112 Resp: 1160292
Ion Ratio Lower Upper
112 100
64 63.4 53.0 79.6
63 32.6 27.0 40.4



#6
Aniline
Concen: 39.670 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion: 93 Resp: 439543
Ion Ratio Lower Upper
93 100
66 41.7 34.0 51.0
65 21.1 17.4 26.0



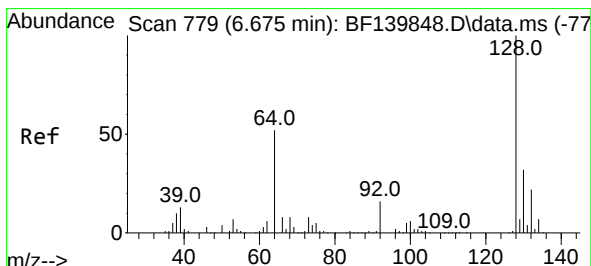
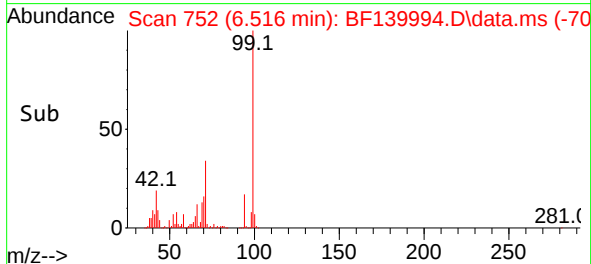
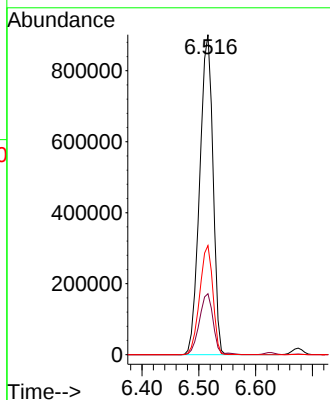
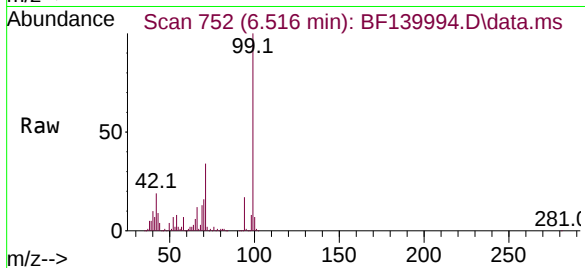


#7
Phenol-d6
Concen: 123.038 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Instrument :
BNA_F
ClientSampleId :
PB164315BS

Tgt Ion: 99 Resp: 1462769

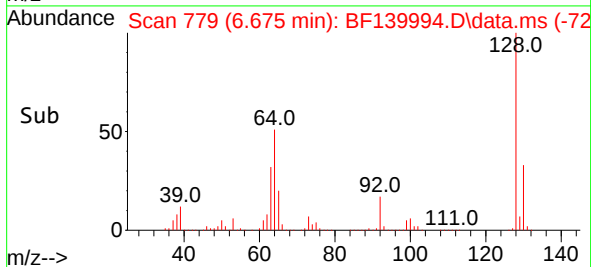
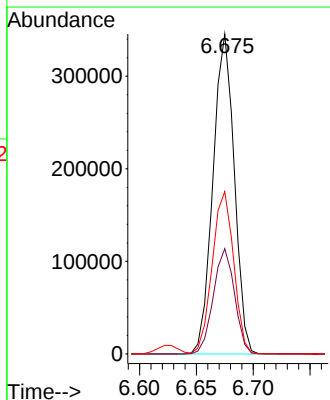
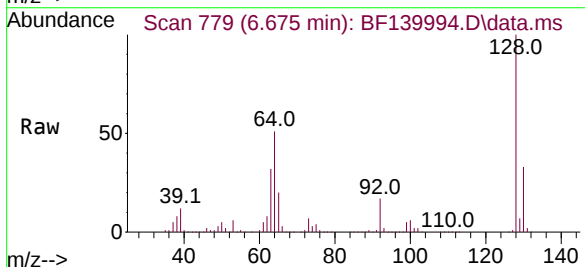
Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.7	25.1
71	34.1	27.7	41.5

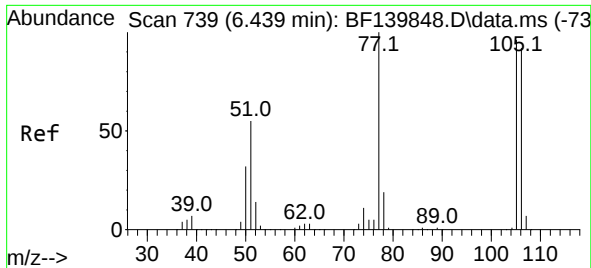


#8
2-Chlorophenol
Concen: 47.995 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion: 128 Resp: 450392

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	50.7	34.6	74.6

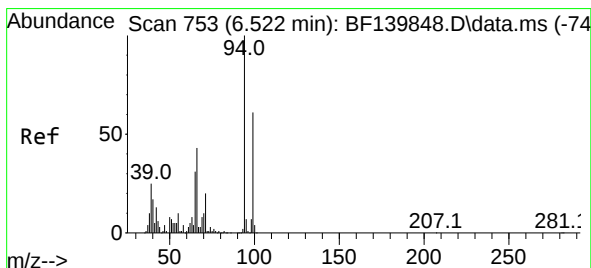
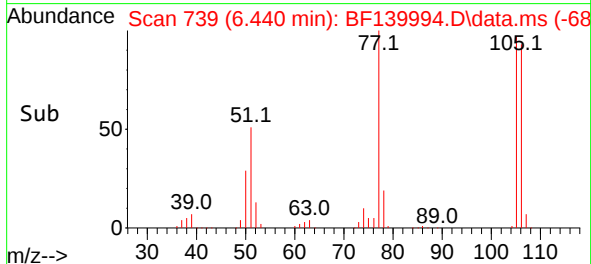
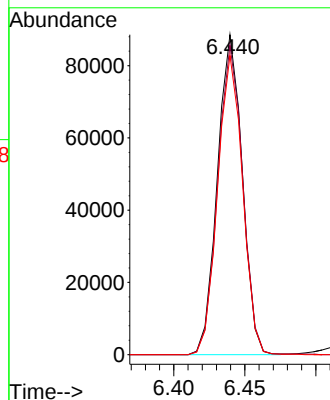
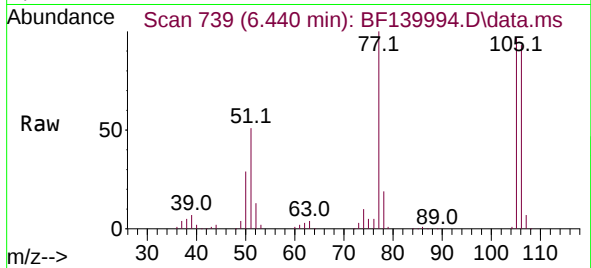




#9
Benzaldehyde
Concen: 16.087 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

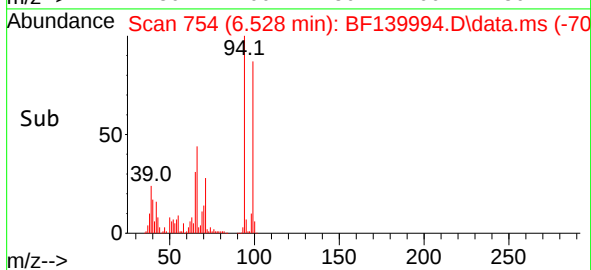
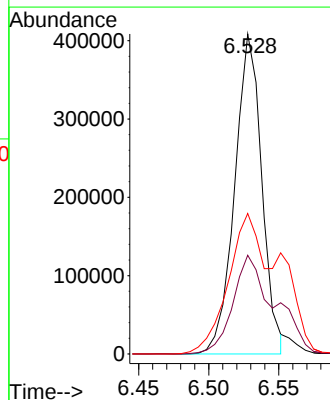
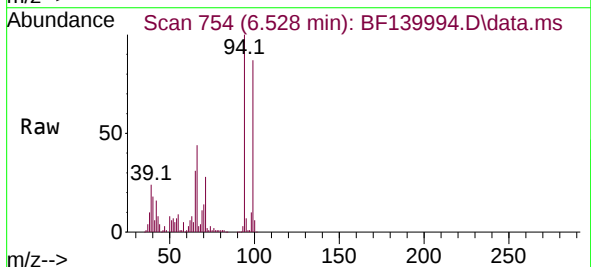
Instrument :
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ClientSampleId :
PB164315BS

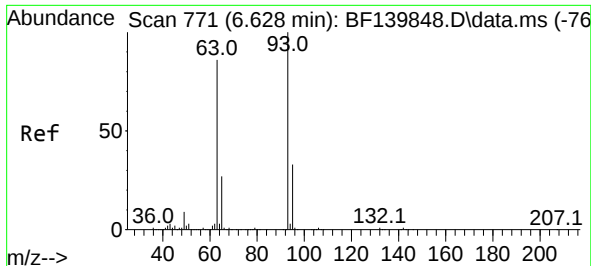
Tgt Ion: 77 Resp: 107591
Ion Ratio Lower Upper
77 100
105 96.7 75.5 115.5
106 93.5 71.7 111.7



#10
Phenol
Concen: 44.794 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion: 94 Resp: 549026
Ion Ratio Lower Upper
94 100
65 30.8 11.1 51.1
66 43.9 22.7 62.7

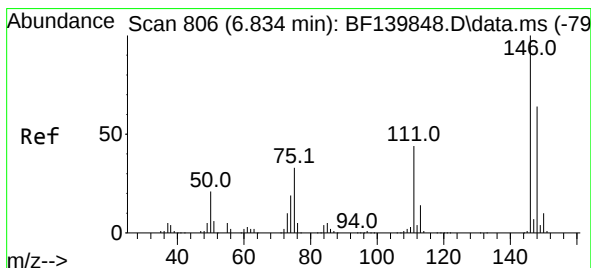
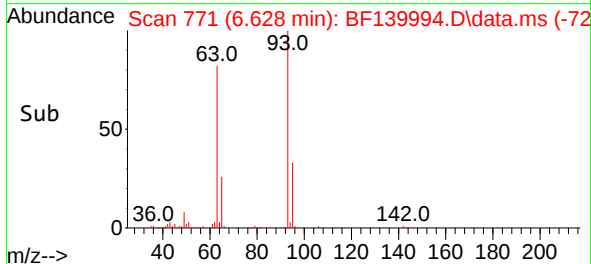
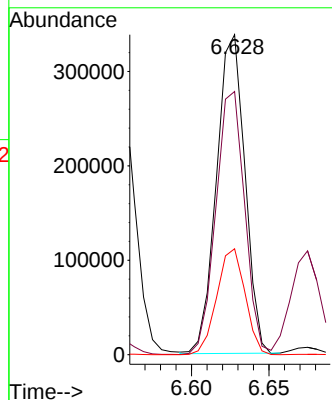
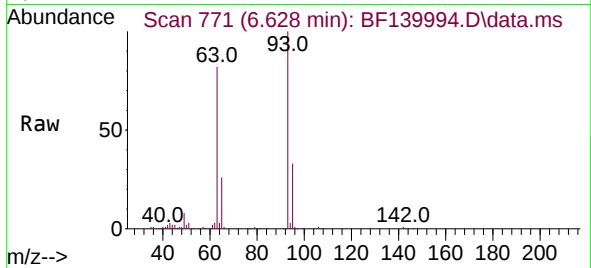




#11
bis(2-Chloroethyl)ether
Concen: 45.402 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

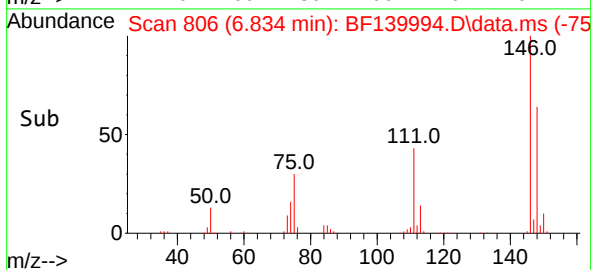
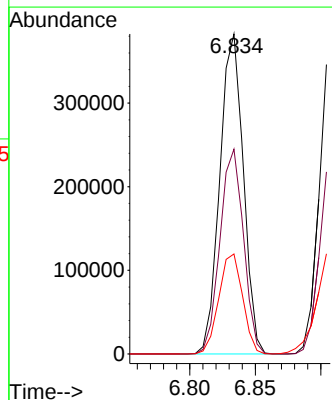
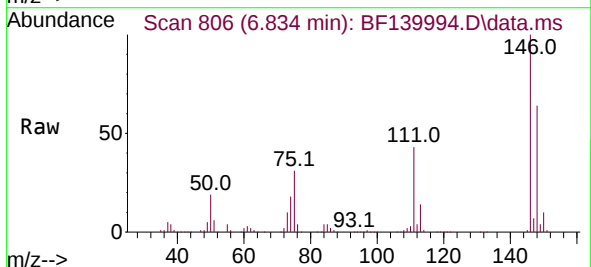
Instrument :
BNA_F
ClientSampleId :
PB164315BS

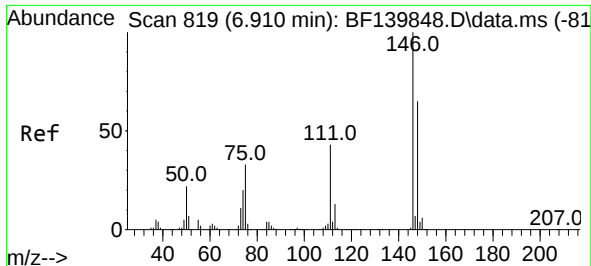
Tgt Ion: 93 Resp: 430120
Ion Ratio Lower Upper
93 100
63 82.2 65.0 105.0
95 33.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 44.243 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:146 Resp: 476596
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 31.3 26.4 39.6

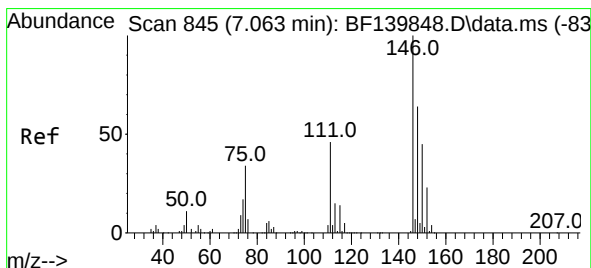
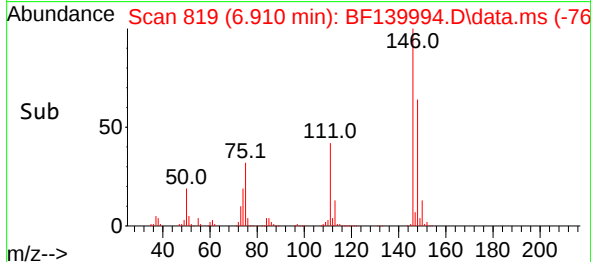
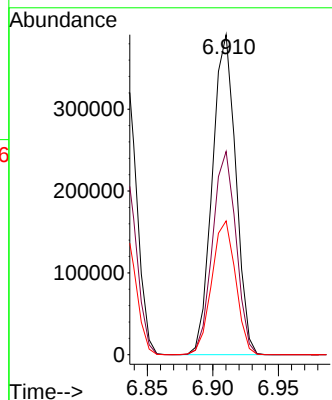
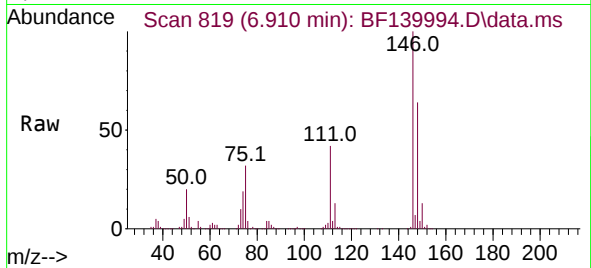




#13
1,4-Dichlorobenzene
Concen: 45.290 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

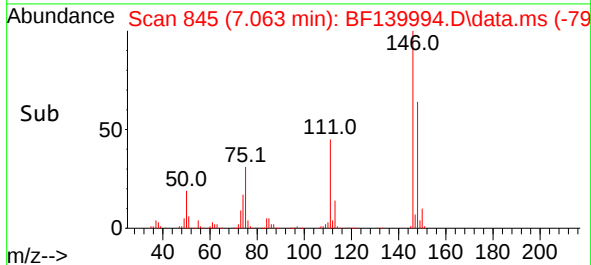
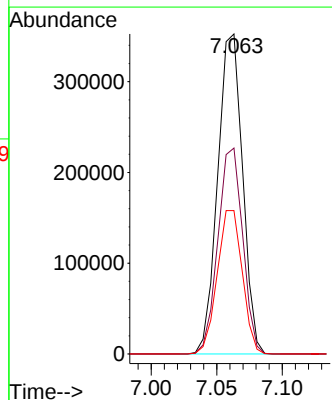
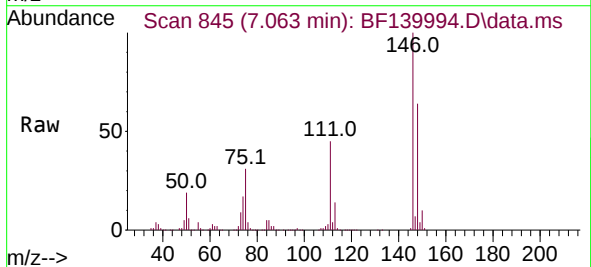
Instrument :
BNA_F
ClientSampleId :
PB164315BS

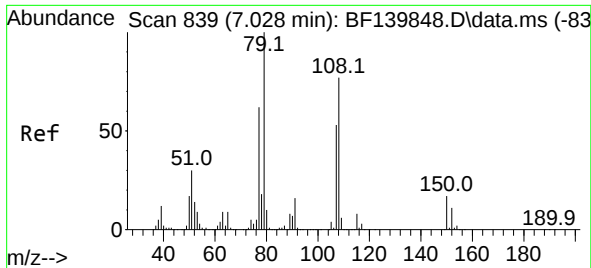
Tgt Ion:146 Resp: 487421
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
111 41.8 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 46.296 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:146 Resp: 465007
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 44.8 36.7 55.1

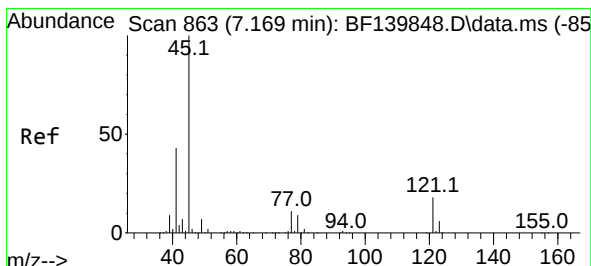
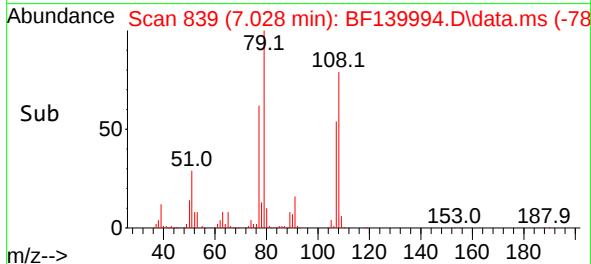
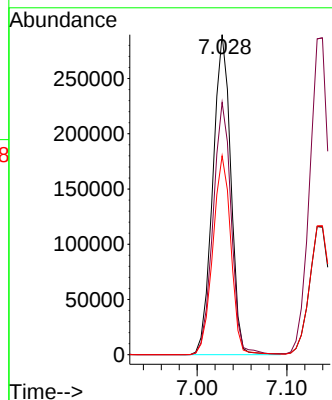
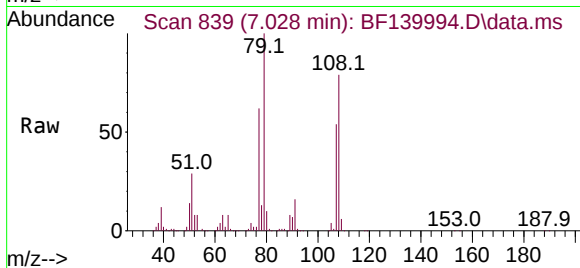




#15
Benzyl Alcohol
Concen: 46.338 ng
RT: 7.028 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

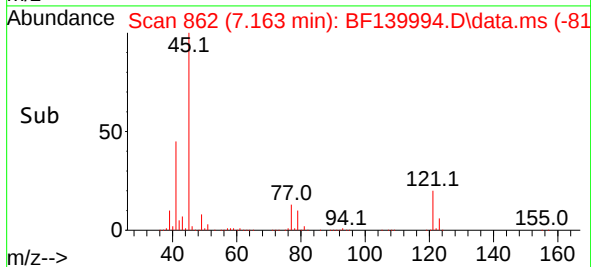
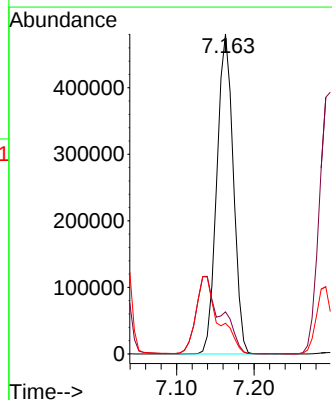
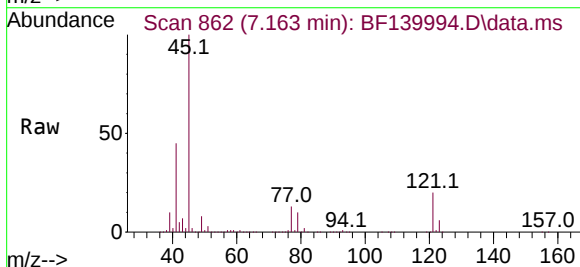
Instrument :
BNA_F
ClientSampleId :
PB164315BS

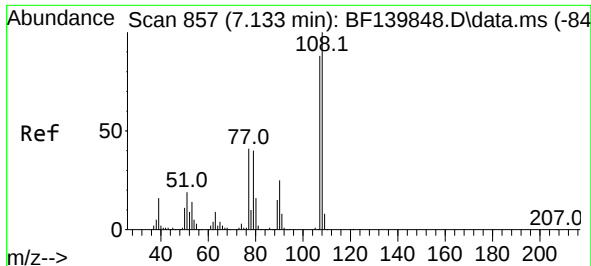
Tgt Ion: 79 Resp: 404111
Ion Ratio Lower Upper
79 100
108 78.8 61.4 92.0
77 62.1 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.860 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion: 45 Resp: 708497
Ion Ratio Lower Upper
45 100
77 13.2 0.0 31.5
79 9.6 0.0 29.1



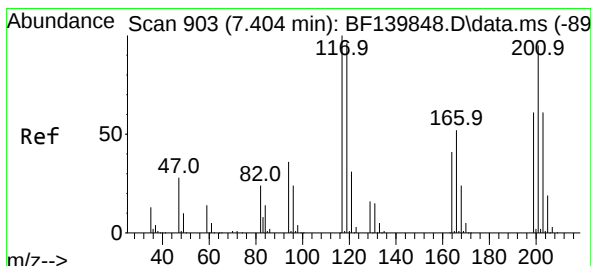
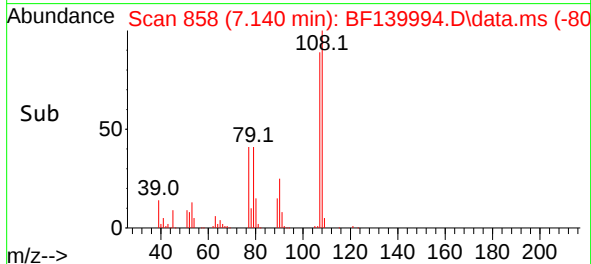
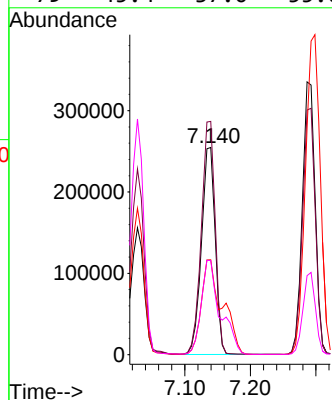
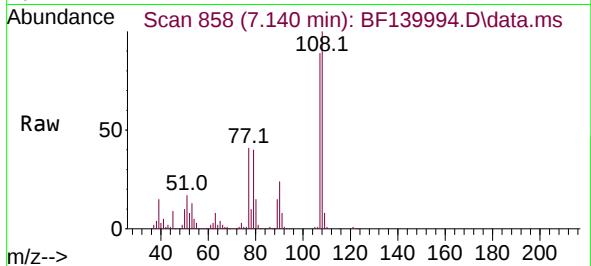


#17
2-Methylphenol
Concen: 46.592 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Instrument :
BNA_F
ClientSampleId :
PB164315BS

Tgt Ion:107 Resp: 372824

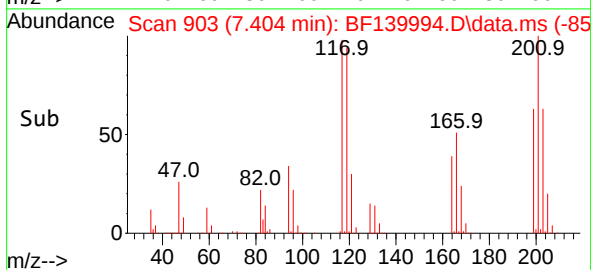
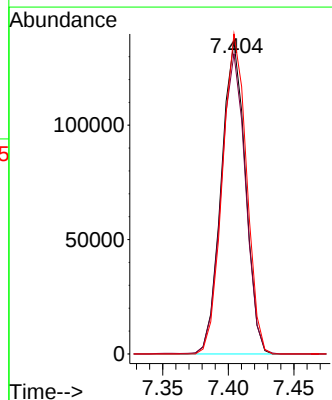
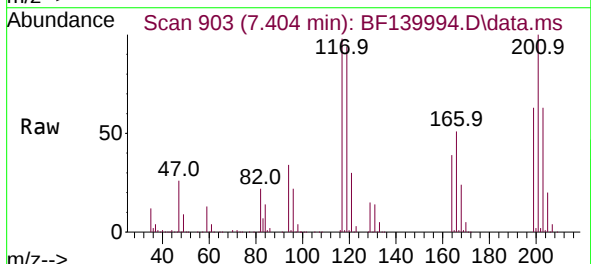
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.3	136.9
77	45.8	37.1	55.7
79	45.4	37.0	55.6

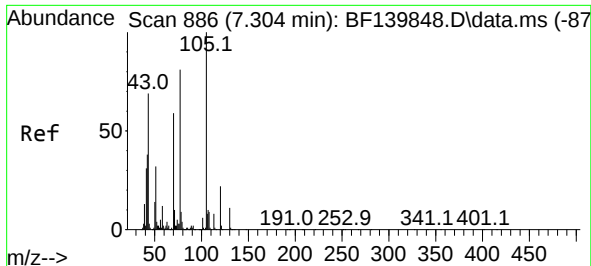


#18
Hexachloroethane
Concen: 45.471 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:117 Resp: 174507

Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.0	115.4
201	102.3	76.2	114.4



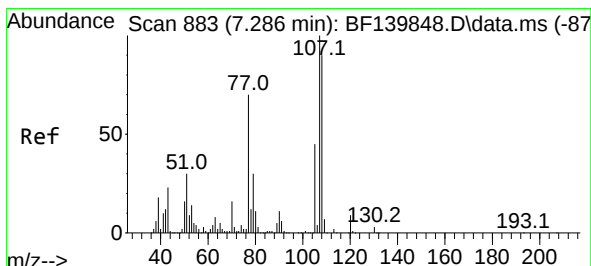
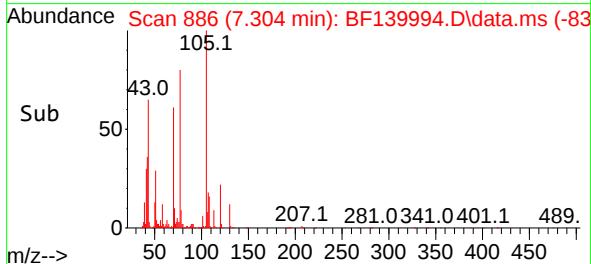
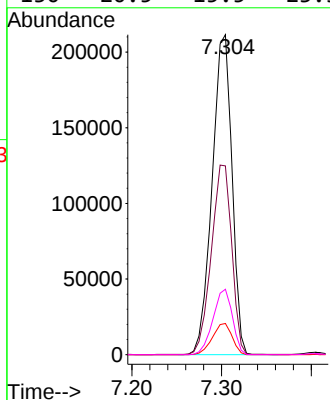
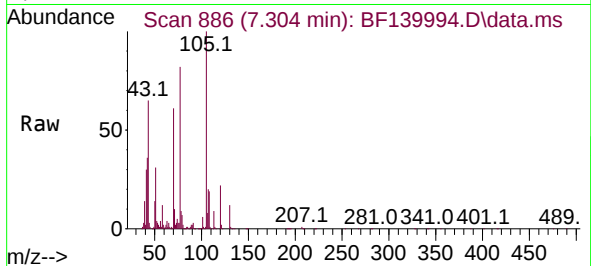


#19
n-Nitroso-di-n-propylamine
Concen: 44.991 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Instrument :
BNA_F
ClientSampleId :
PB164315BS

Tgt Ion: 70 Resp: 324409

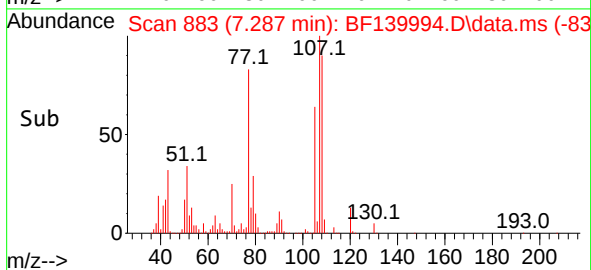
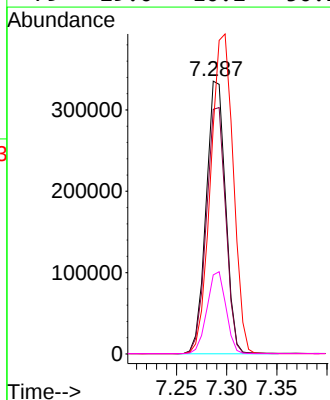
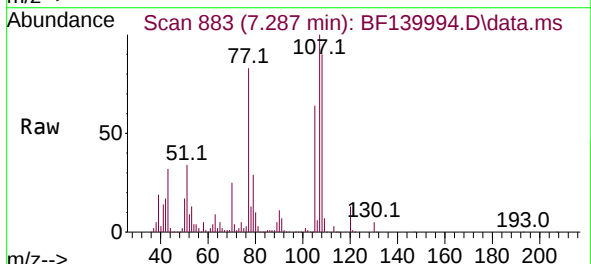
Ion	Ratio	Lower	Upper
70	100		
42	59.0	51.5	77.3
101	9.7	7.5	11.3
130	20.5	15.5	23.3

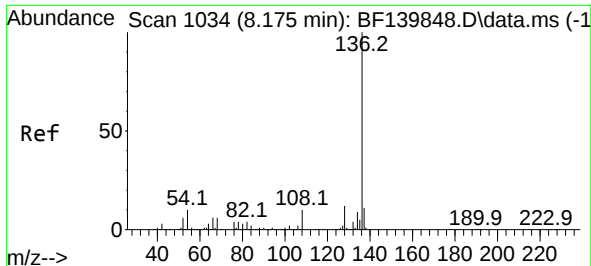


#20
3+4-Methylphenols
Concen: 44.196 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion: 107 Resp: 452339

Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.8	109.8
77	83.2	50.5	90.5
79	29.0	10.2	50.2



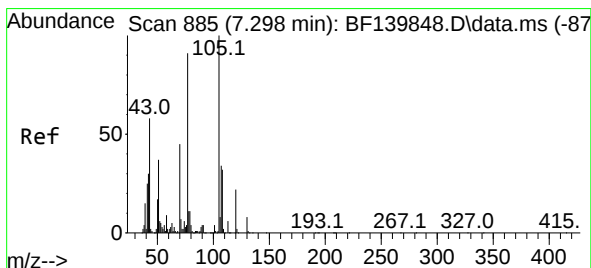
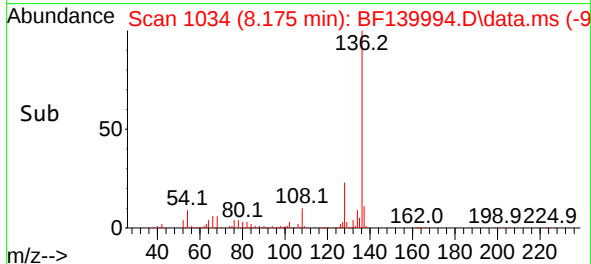
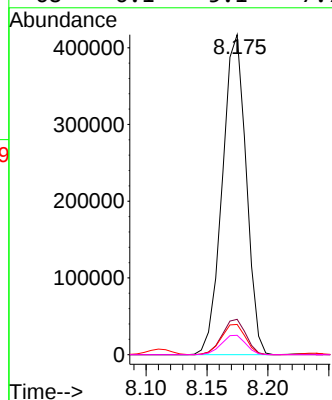
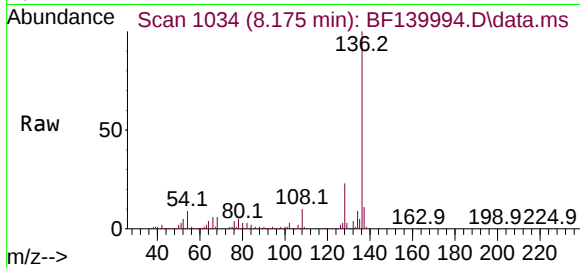


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Instrument :
BNA_F
ClientSampleId :
PB164315BS

Tgt Ion:136 Resp: 566601

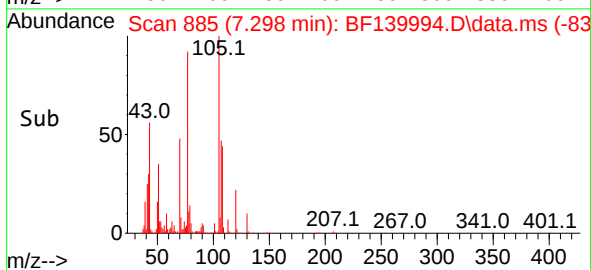
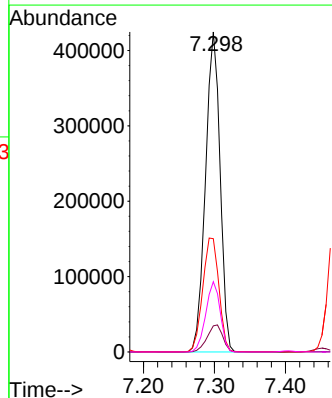
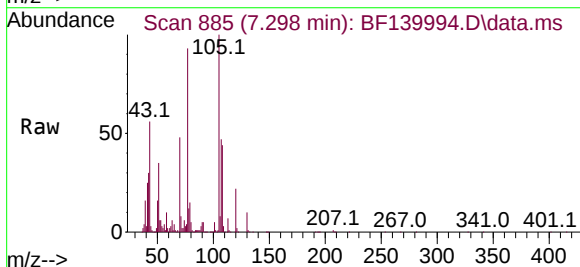
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.4	8.4	12.6
68	6.1	5.1	7.7

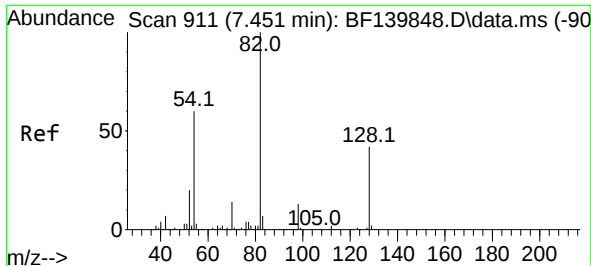


#22
Acetophenone
Concen: 43.730 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:105 Resp: 606884

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.9	8.9
51	35.4	29.4	44.2
120	21.9	17.5	26.3





#23

Nitrobenzene-d5

Concen: 93.405 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

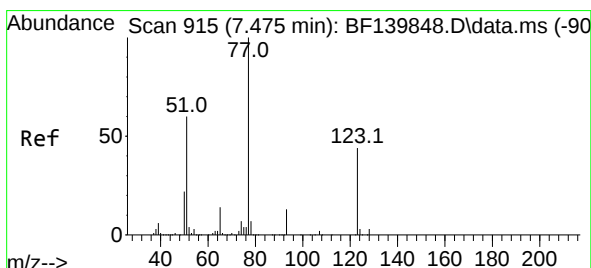
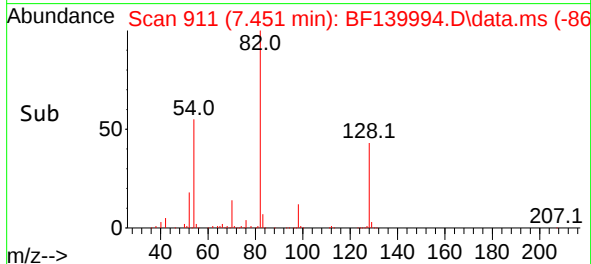
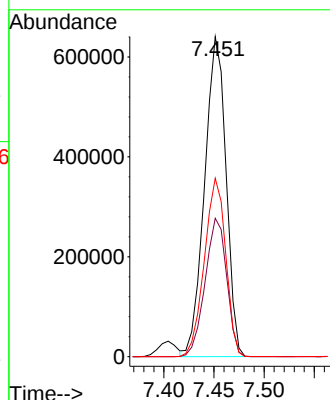
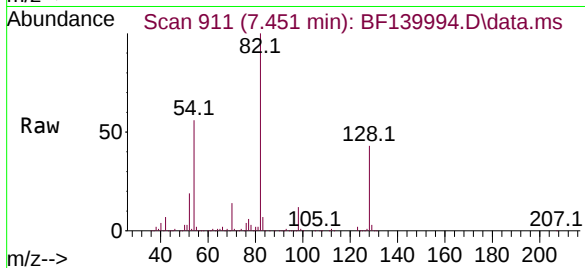
Tgt Ion: 82 Resp: 954892

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.0

54 55.7 47.8 71.8



#24

Nitrobenzene

Concen: 43.649 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

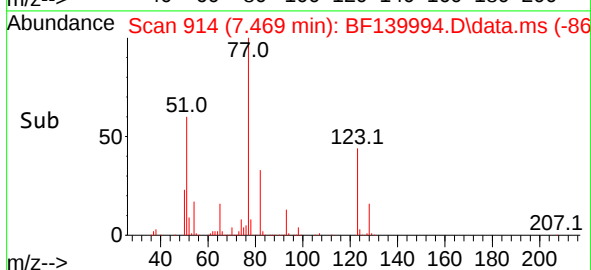
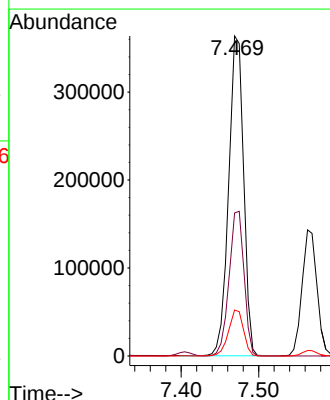
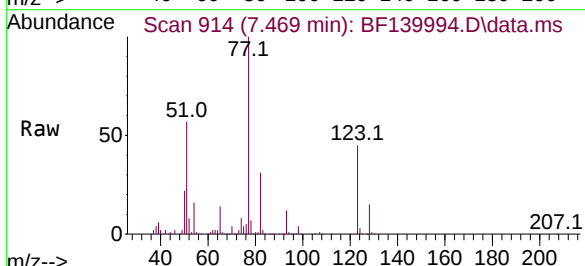
Tgt Ion: 77 Resp: 489244

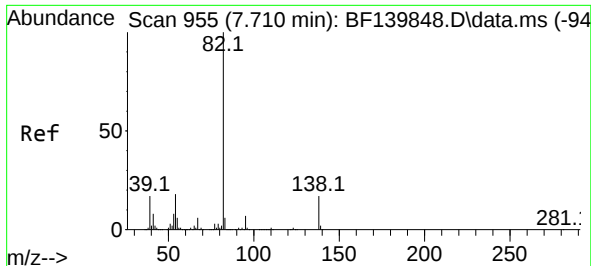
Ion Ratio Lower Upper

77 100

123 44.7 35.7 53.5

65 14.4 11.5 17.3

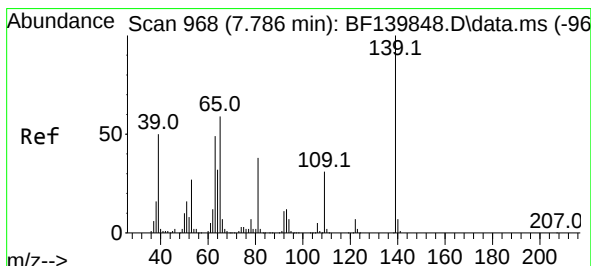
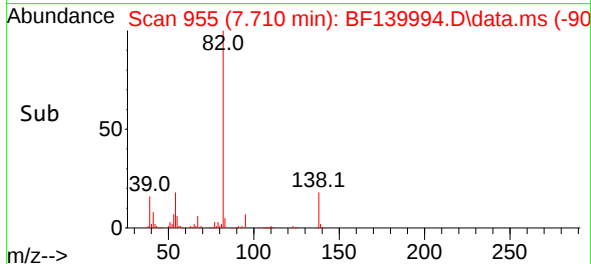
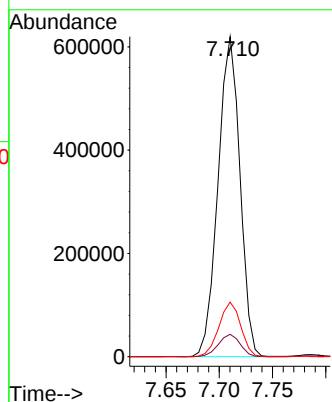
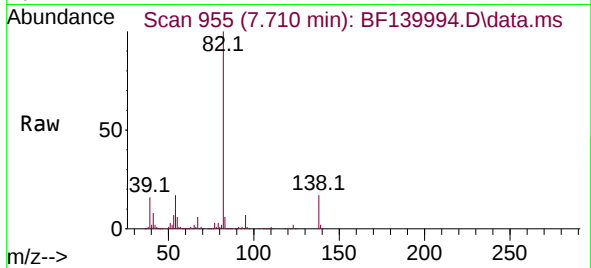




#25
Isophorone
Concen: 45.589 ng
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

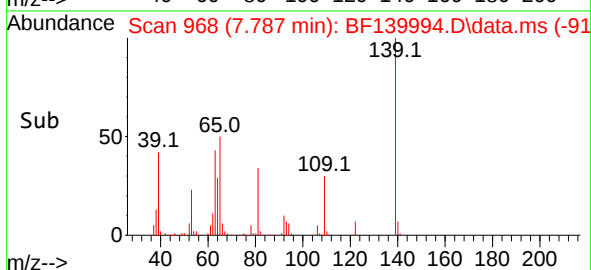
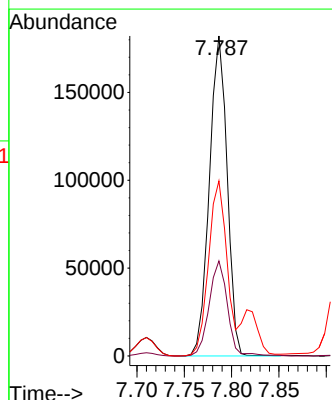
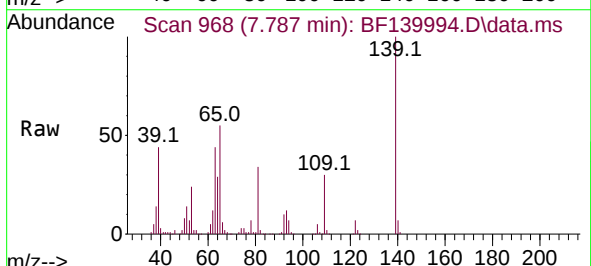
Instrument :
BNA_F
ClientSampleId :
PB164315BS

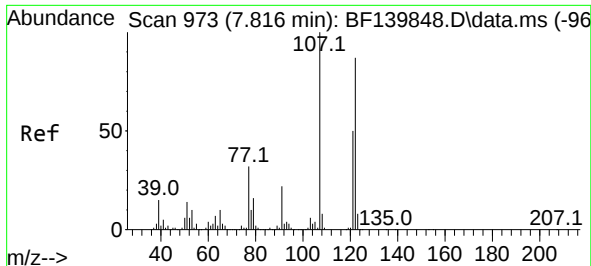
Tgt Ion: 82 Resp: 884582
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.0 13.2 19.8



#26
2-Nitrophenol
Concen: 56.009 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:139 Resp: 236831
Ion Ratio Lower Upper
139 100
109 29.7 25.1 37.7
65 54.7 47.5 71.3

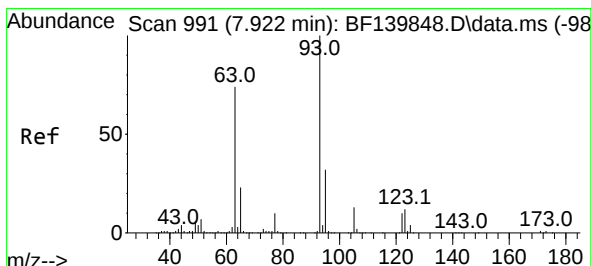
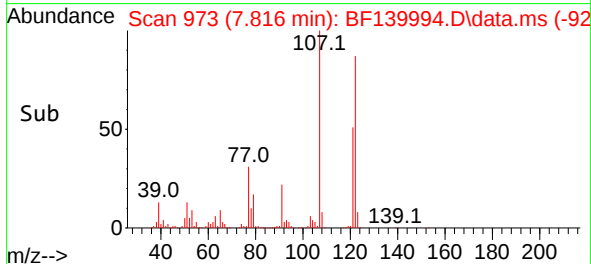
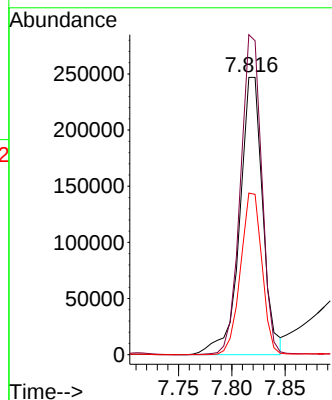
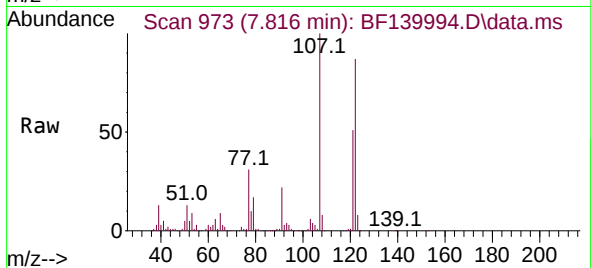




#27
2,4-Dimethylphenol
Concen: 52.731 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

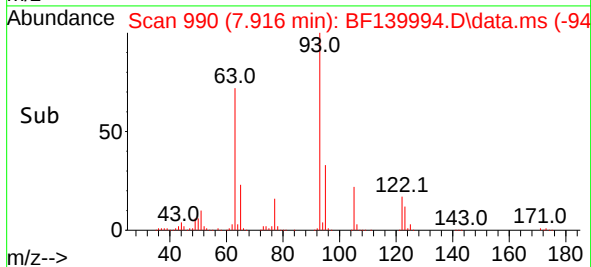
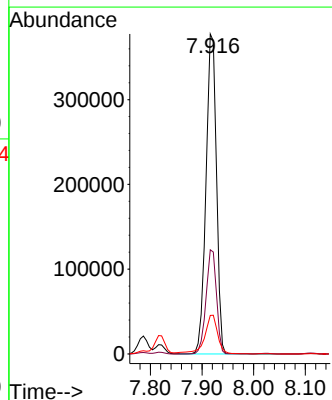
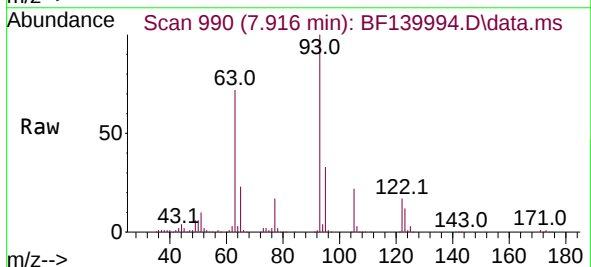
Instrument :
BNA_F
ClientSampleId :
PB164315BS

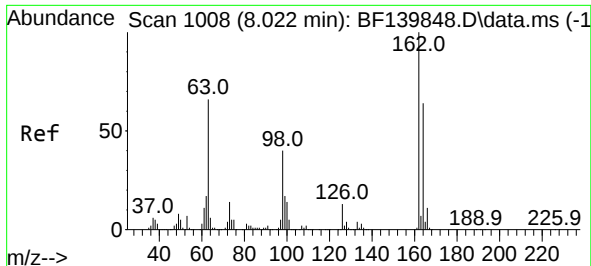
Tgt Ion:122 Resp: 371793
Ion Ratio Lower Upper
122 100
107 115.4 91.9 137.9
121 58.3 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.268 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion: 93 Resp: 532172
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 46.160 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

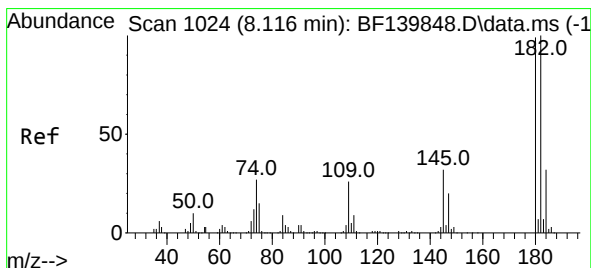
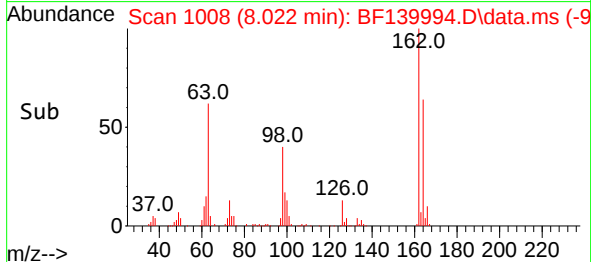
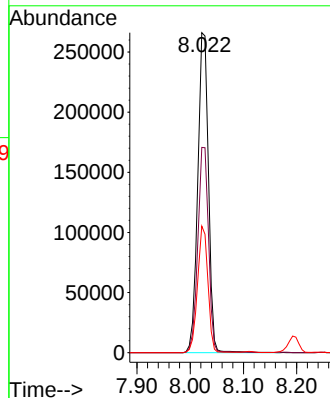
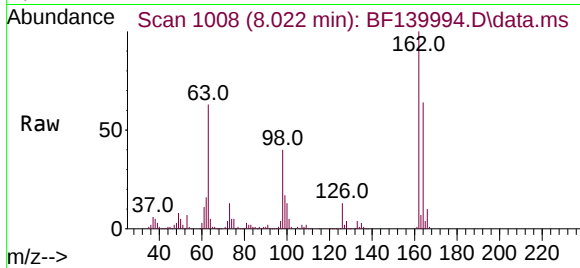
Tgt Ion:162 Resp: 370712

Ion Ratio Lower Upper

162 100

164 64.2 43.9 83.9

98 39.5 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 44.285 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

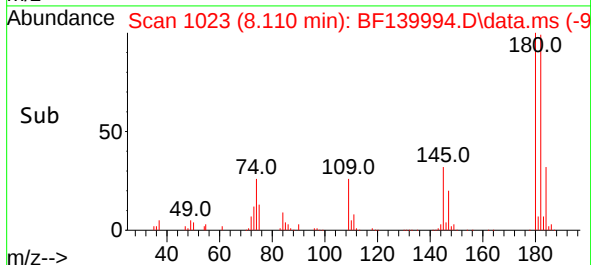
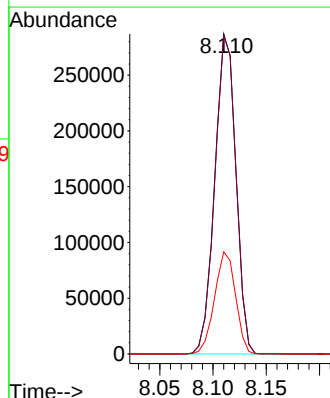
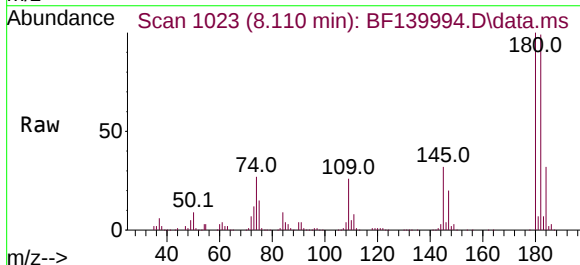
Tgt Ion:180 Resp: 393537

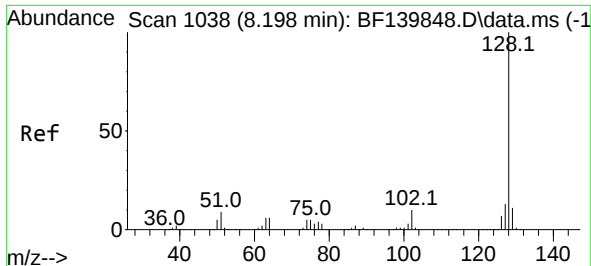
Ion Ratio Lower Upper

180 100

182 99.5 80.5 120.7

145 31.9 25.4 38.0

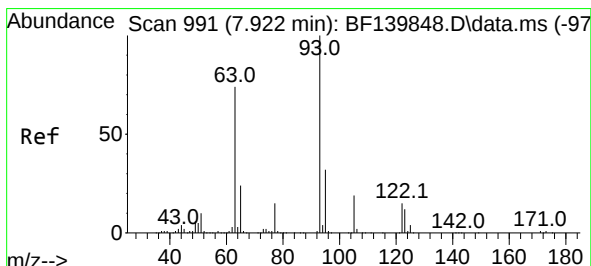
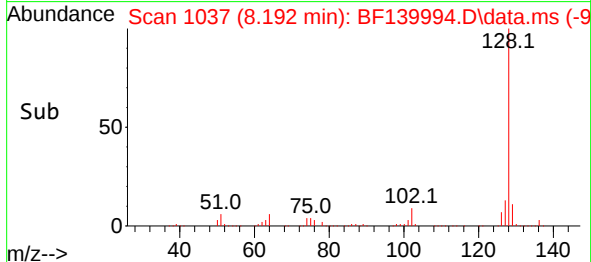
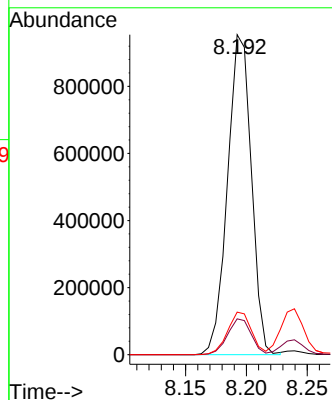
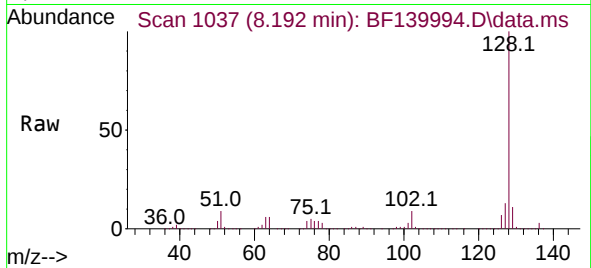




#31
Naphthalene
Concen: 44.444 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

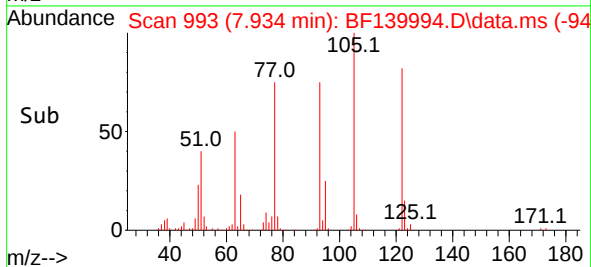
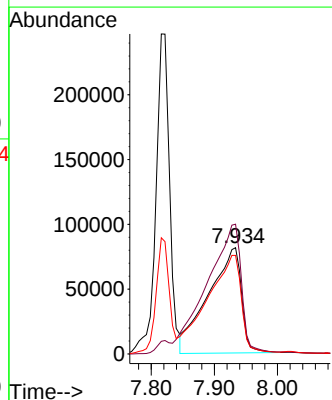
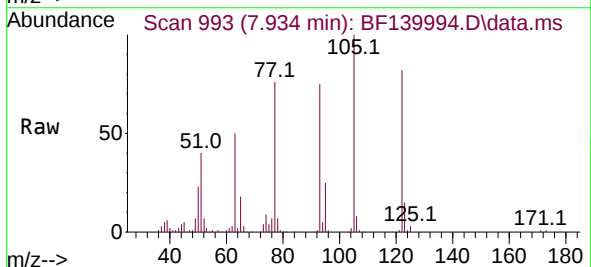
Instrument :
BNA_F
ClientSampleId :
PB164315BS

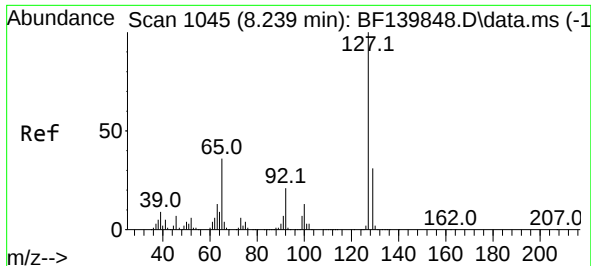
Tgt Ion:128 Resp: 1298729
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 48.029 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:122 Resp: 295362
Ion Ratio Lower Upper
122 100
105 122.2 107.6 147.6
77 92.8 80.2 120.2

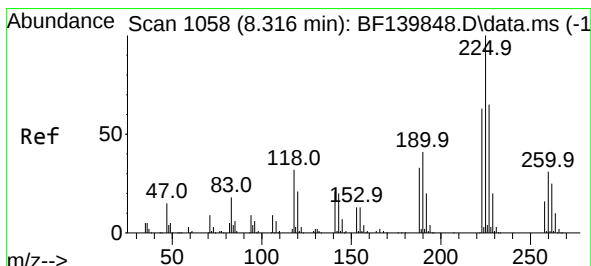
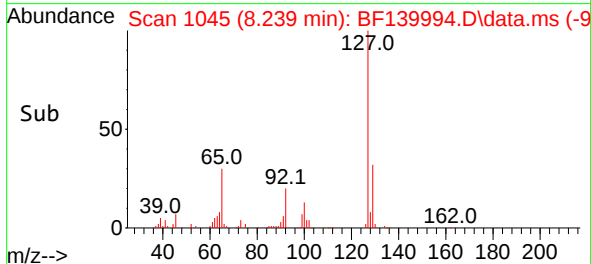
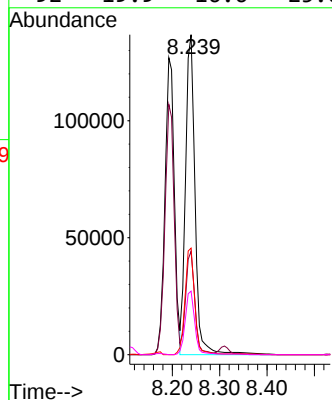
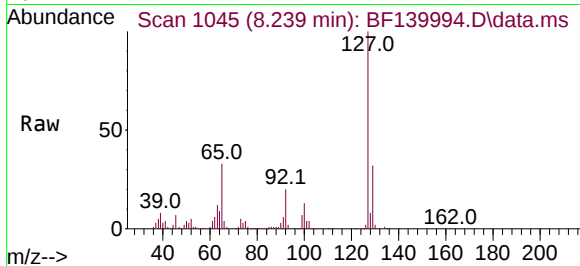




#33
4-Chloroaniline
Concen: 19.268 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

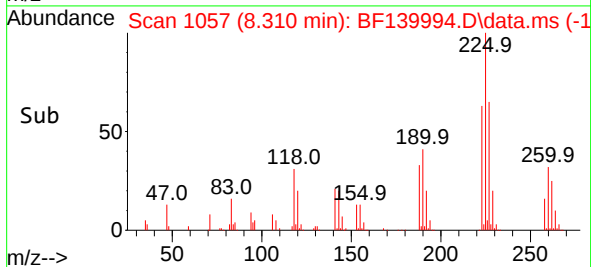
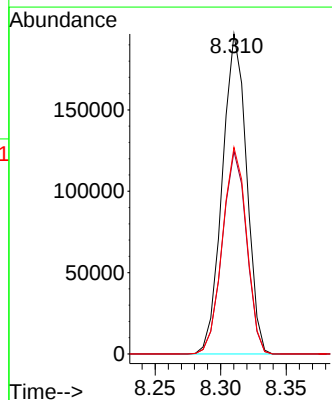
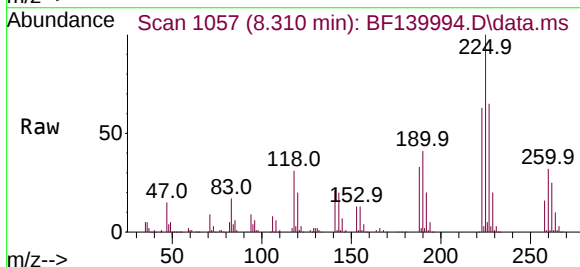
Instrument :
BNA_F
ClientSampleId :
PB164315BS

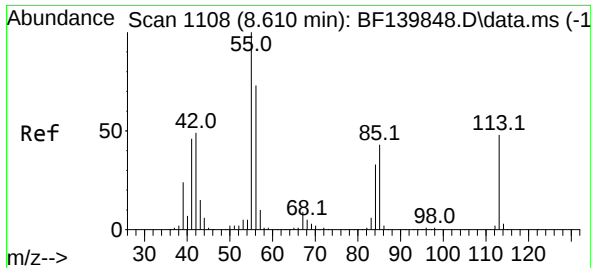
Tgt Ion:	127	Resp:	191995
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.4	38.2
65	33.3	28.4	42.6
92	19.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 45.291 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:	225	Resp:	252882
Ion Ratio	Lower	Upper	
225	100		
223	63.3	50.6	76.0
227	64.5	51.8	77.8

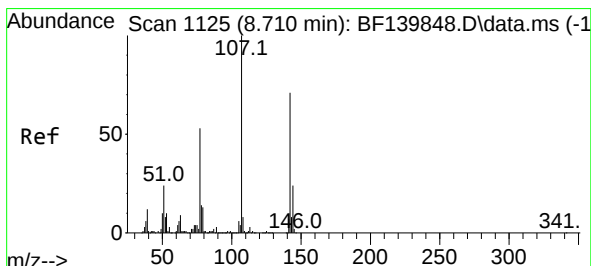
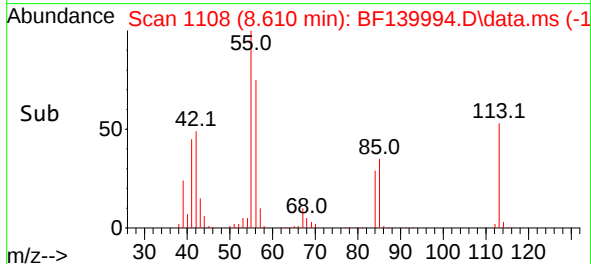
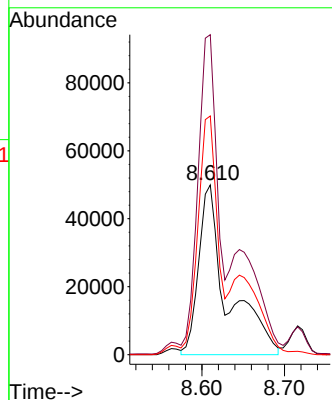
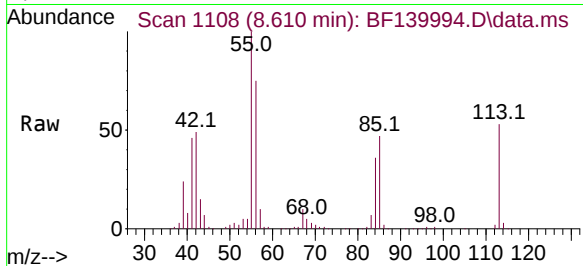




#35
 Caprolactam
 Concen: 47.281 ng m
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF139994.D
 Acq: 24 Oct 2024 11:49

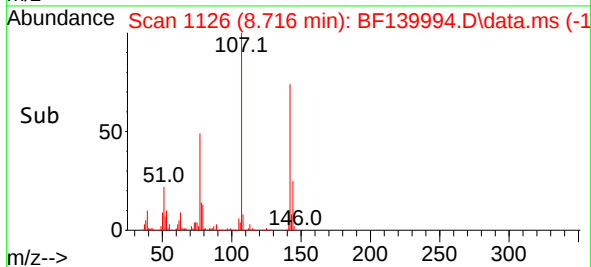
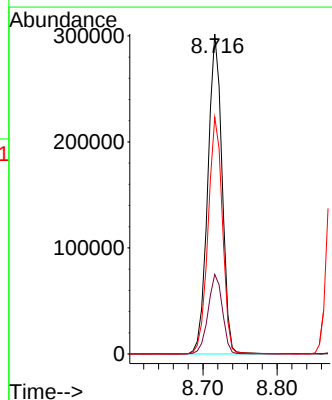
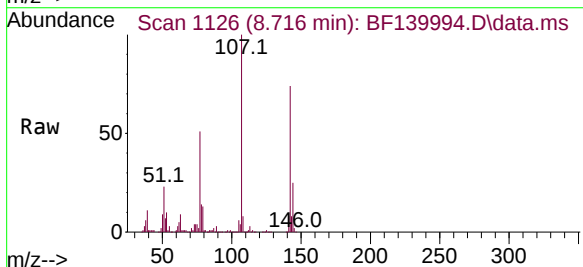
Instrument :
 BNA_F
 ClientSampleId :
 PB164315BS

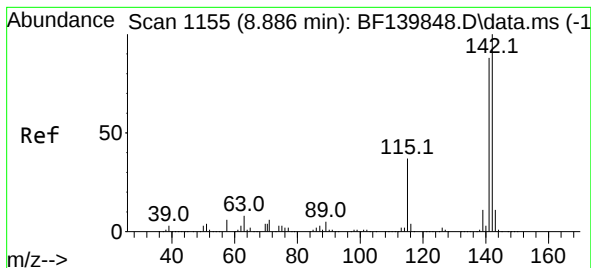
Tgt Ion:113 Resp: 120736
 Ion Ratio Lower Upper
 113 100
 55 188.6 189.2 229.2#
 56 140.7 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 45.345 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139994.D
 Acq: 24 Oct 2024 11:49

Tgt Ion:107 Resp: 403239
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.1 28.7
 142 74.0 57.2 85.8





#37

2-Methylnaphthalene

Concen: 46.002 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

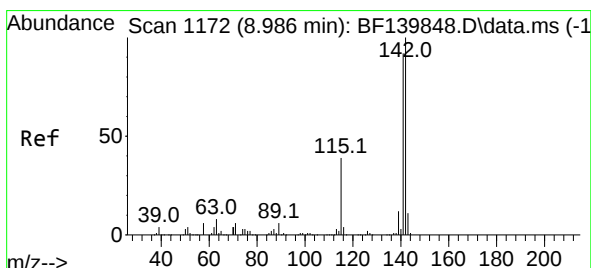
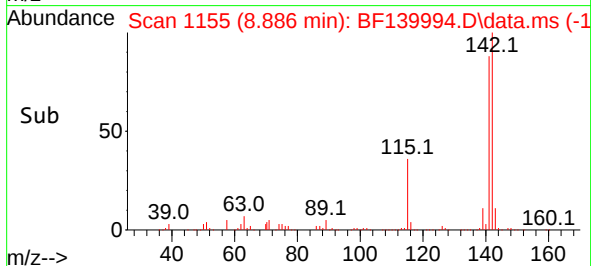
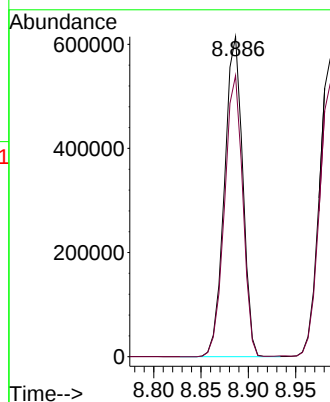
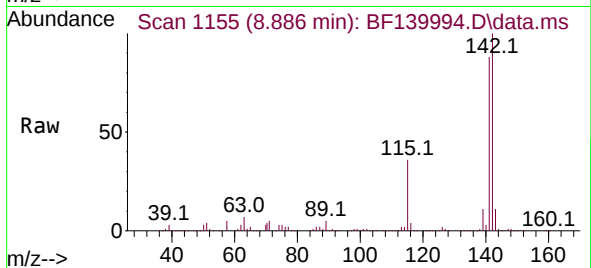
PB164315BS

Tgt Ion:142 Resp: 823280

Ion Ratio Lower Upper

142 100

141 87.8 70.8 106.2



#38

1-Methylnaphthalene

Concen: 43.306 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139994.D

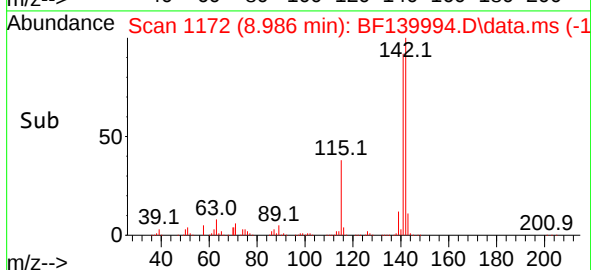
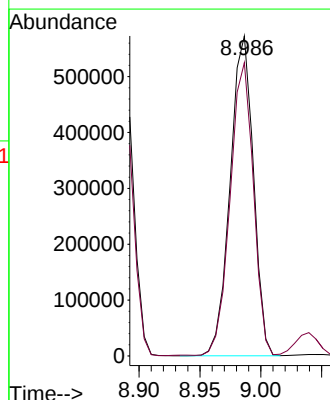
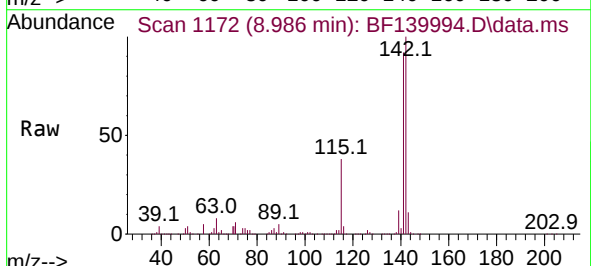
Acq: 24 Oct 2024 11:49

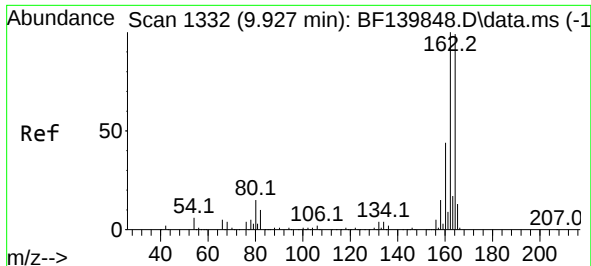
Tgt Ion:142 Resp: 760399

Ion Ratio Lower Upper

142 100

141 91.6 73.5 110.3

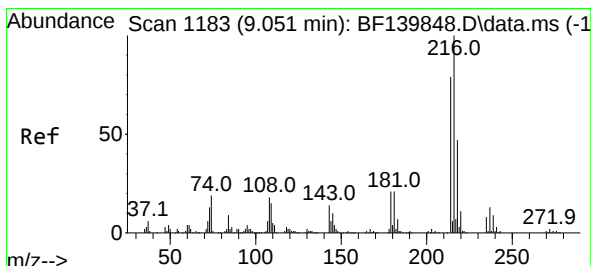
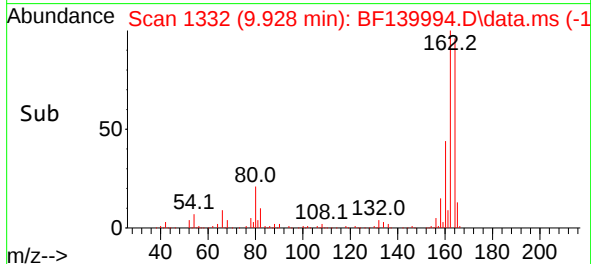
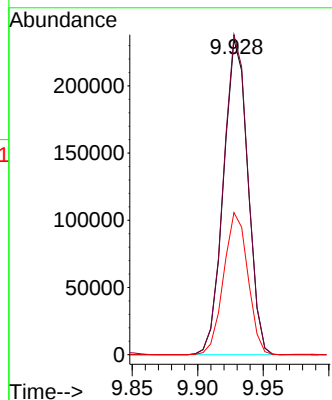
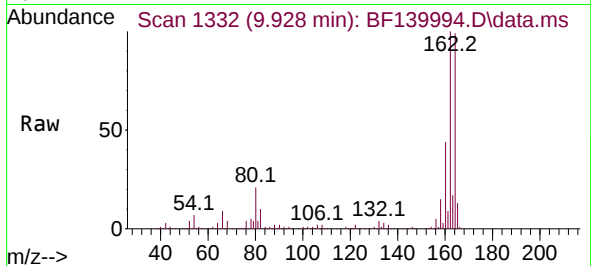




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

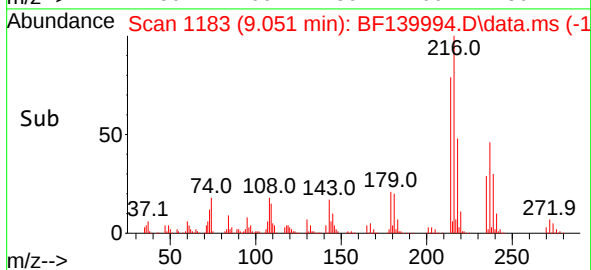
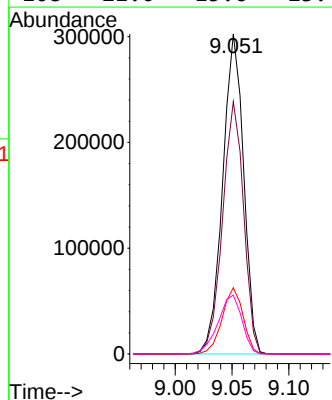
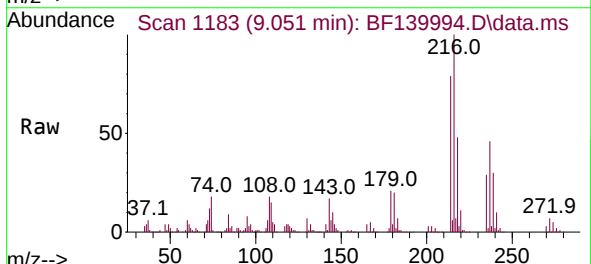
Instrument :
BNA_F
ClientSampleId :
PB164315BS

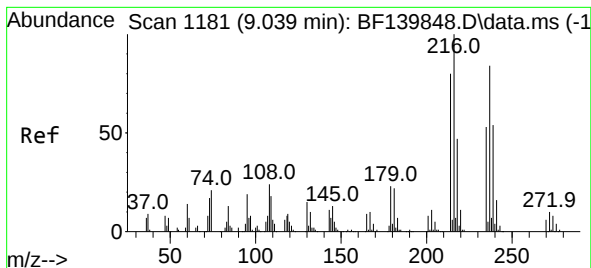
Tgt Ion:164 Resp: 302186
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 45.1 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.656 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:216 Resp: 388519
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.0
179 20.7 17.2 25.8
108 21.0 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 181.387 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

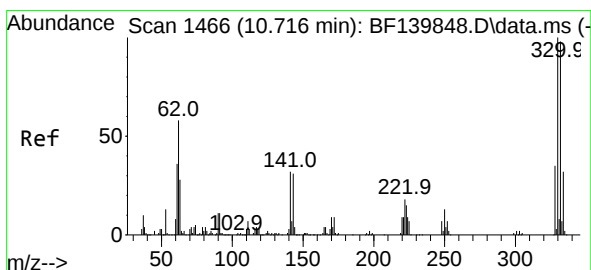
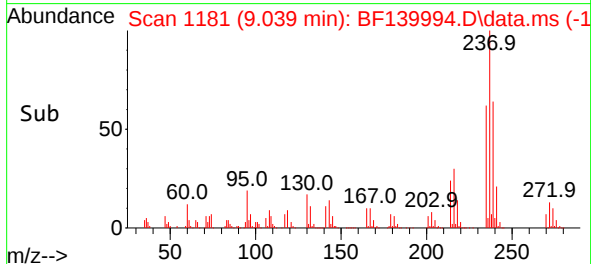
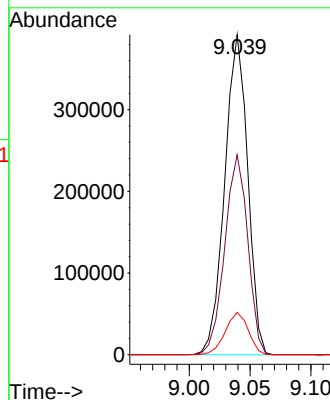
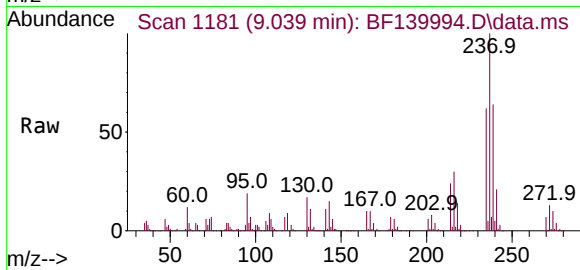
Tgt Ion:237 Resp: 514537

Ion Ratio Lower Upper

237 100

235 62.5 42.9 82.9

272 13.2 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 158.054 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

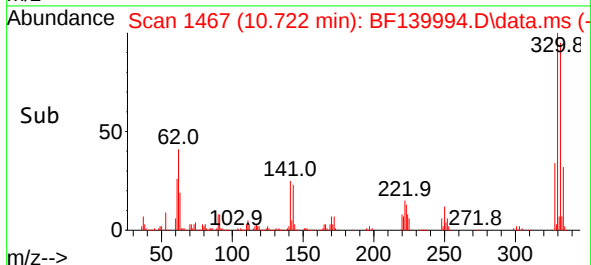
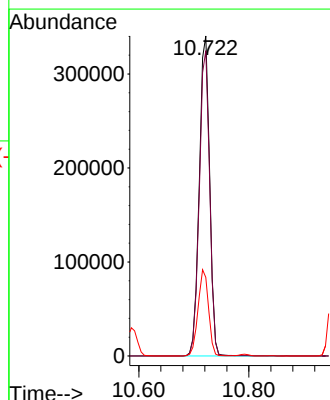
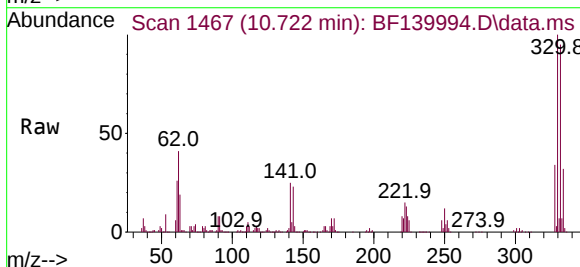
Tgt Ion:330 Resp: 446749

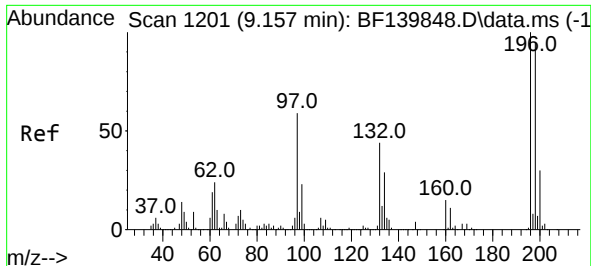
Ion Ratio Lower Upper

330 100

332 95.2 78.1 117.1

141 27.2 26.6 39.8

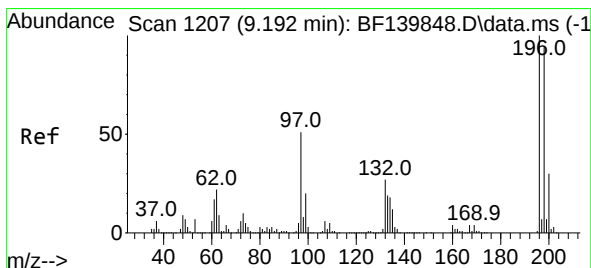
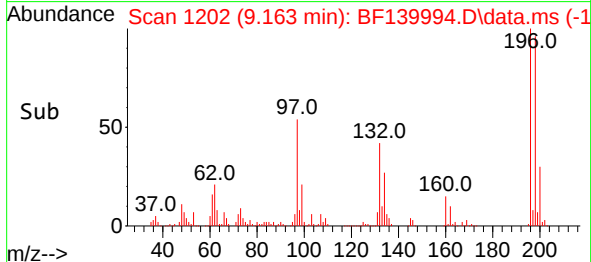
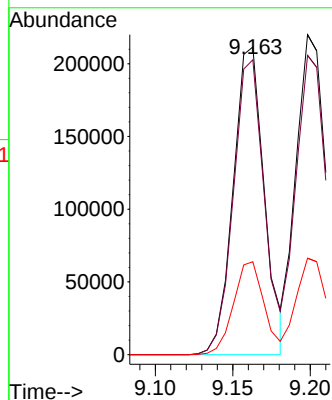
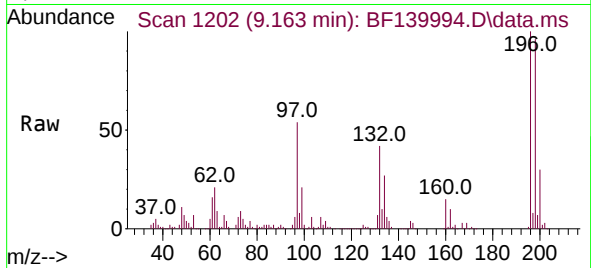




#43
2,4,6-Trichlorophenol
Concen: 50.913 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

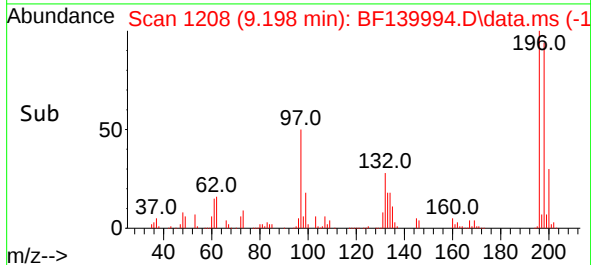
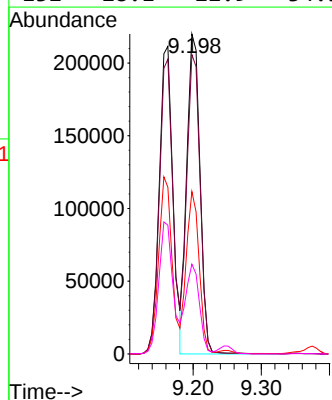
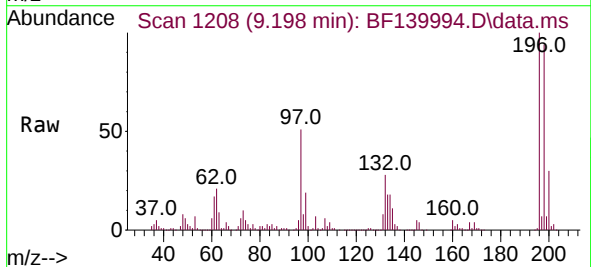
Instrument :
BNA_F
ClientSampleId :
PB164315BS

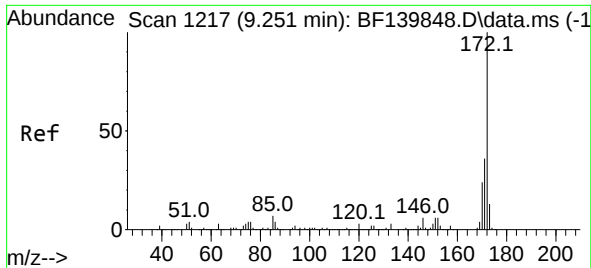
Tgt Ion:196 Resp: 293862
Ion Ratio Lower Upper
196 100
198 95.8 76.2 114.2
200 30.2 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 49.705 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:196 Resp: 295995
Ion Ratio Lower Upper
196 100
198 93.6 75.8 113.6
97 50.8 41.8 62.6
132 28.1 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 93.386 ng

RT: 9.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

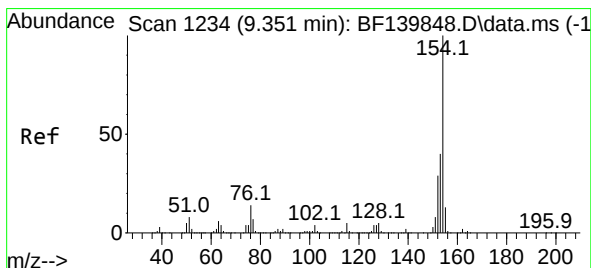
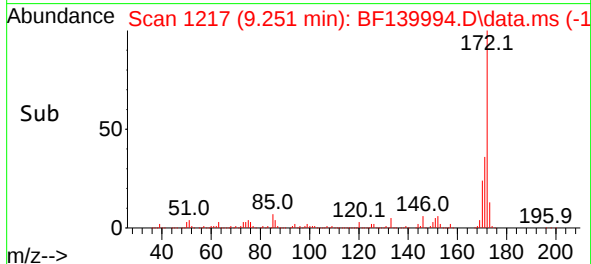
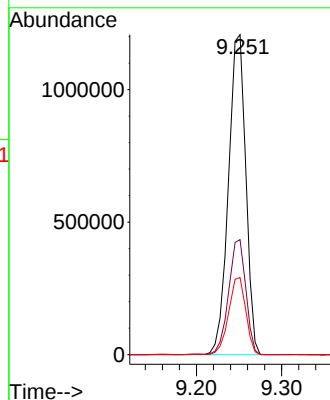
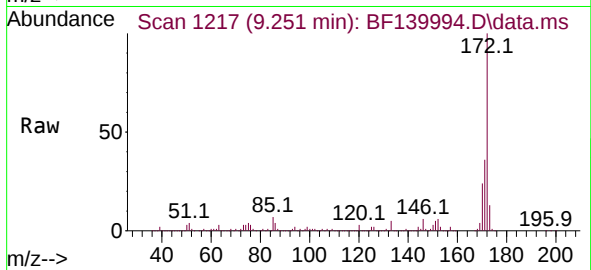
Tgt Ion:172 Resp: 1707500

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 47.093 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

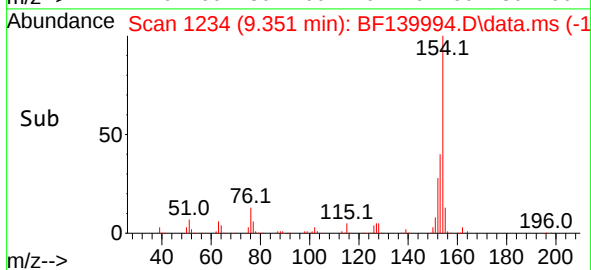
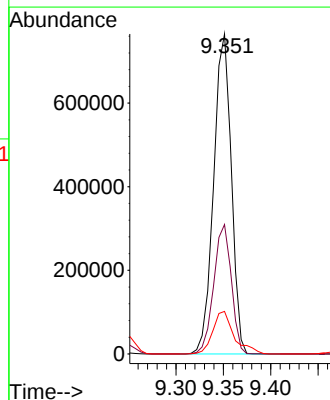
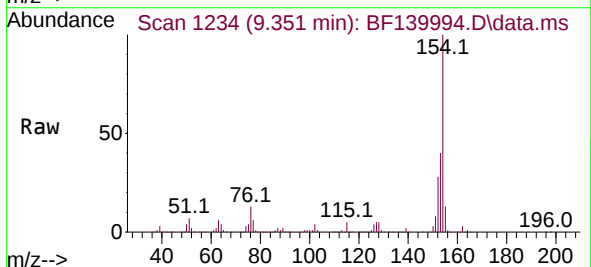
Tgt Ion:154 Resp: 990678

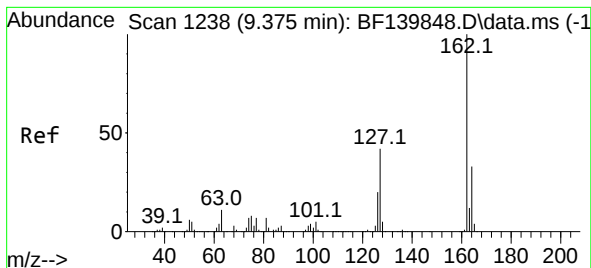
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.3 0.0 33.9





#47

2-Chloronaphthalene

Concen: 46.602 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

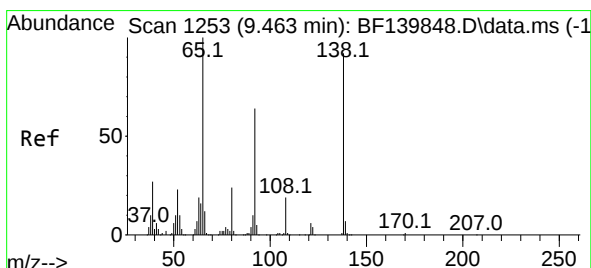
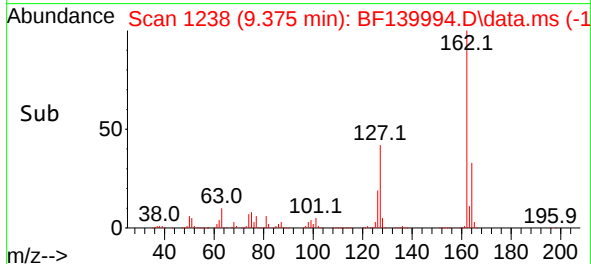
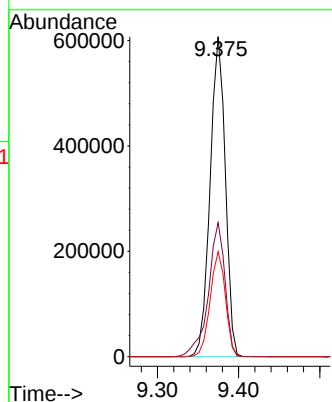
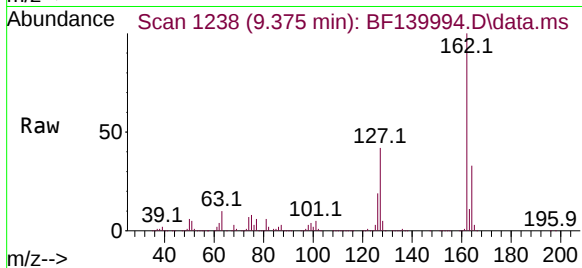
Tgt Ion:162 Resp: 789590

Ion Ratio Lower Upper

162 100

127 41.9 33.8 50.6

164 32.8 26.6 39.8



#48

2-Nitroaniline

Concen: 51.986 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

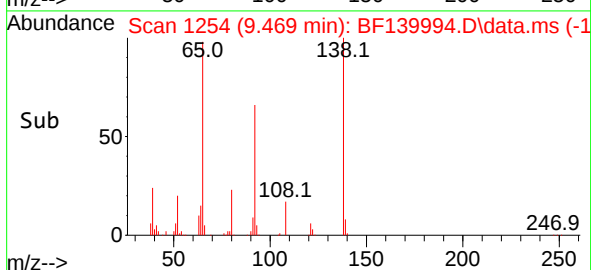
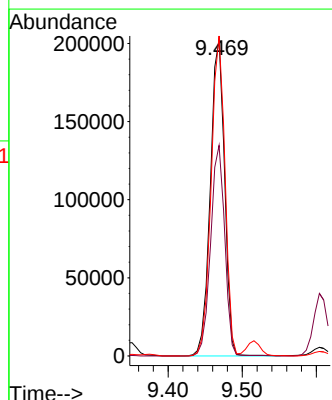
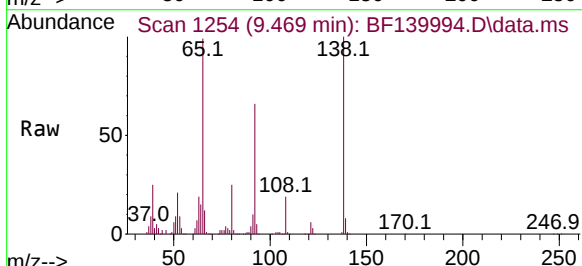
Tgt Ion: 65 Resp: 269390

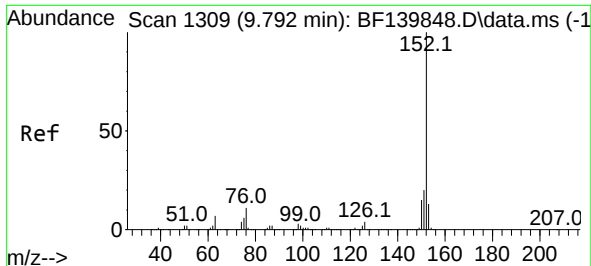
Ion Ratio Lower Upper

65 100

92 66.5 50.9 76.3

138 101.1 73.4 110.0





#49

Acenaphthylene

Concen: 50.400 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

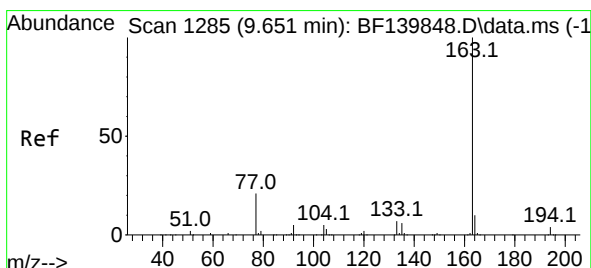
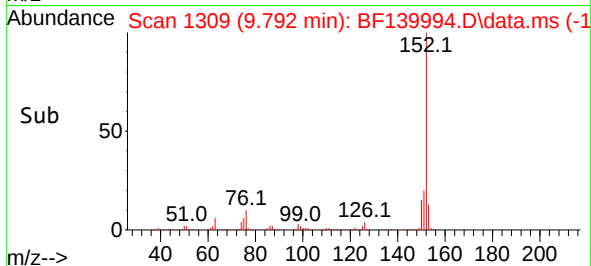
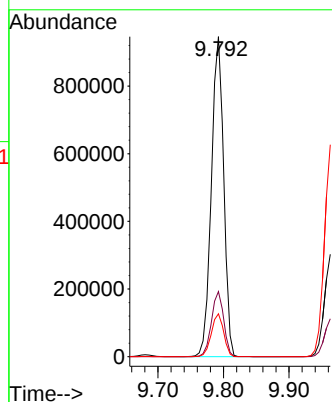
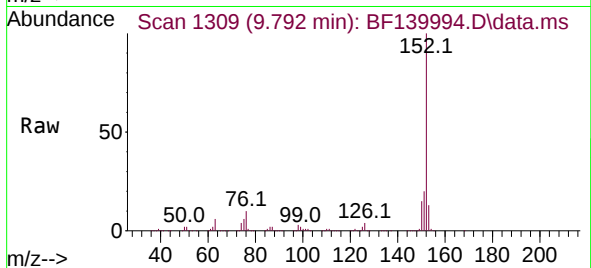
Tgt Ion:152 Resp: 1234528

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 48.955 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

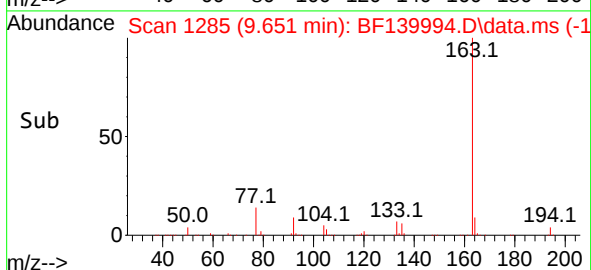
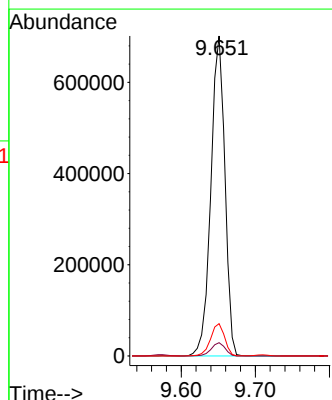
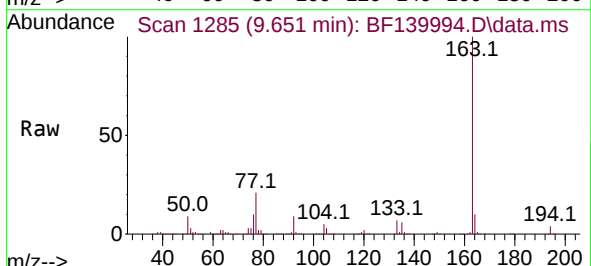
Tgt Ion:163 Resp: 921453

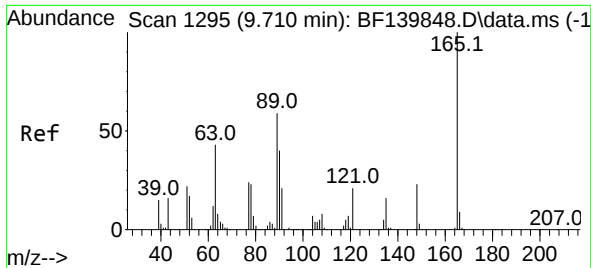
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 8.2 12.2

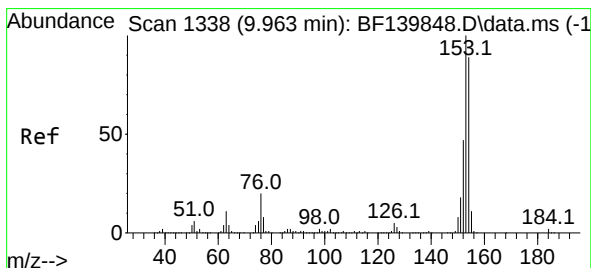
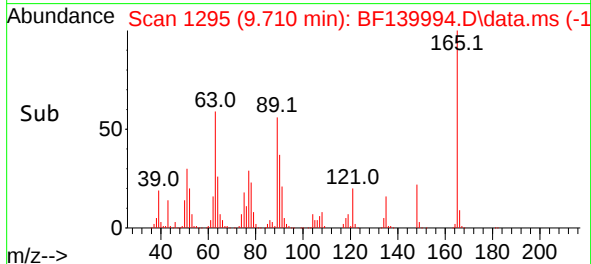
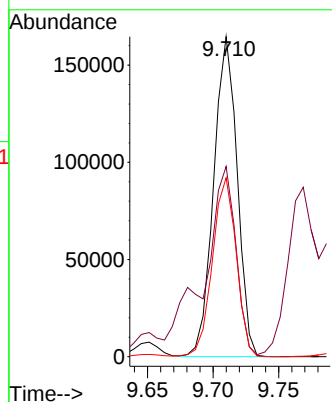
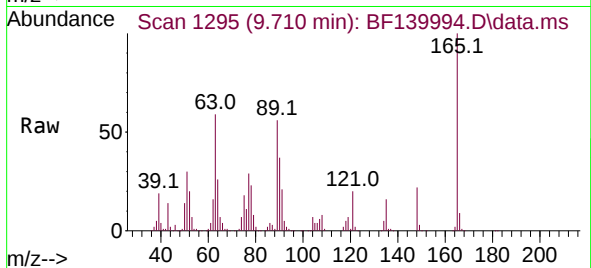




#51
2,6-Dinitrotoluene
Concen: 50.343 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

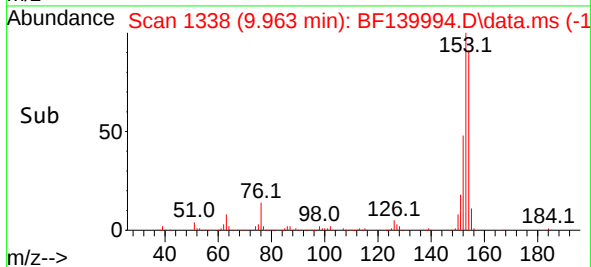
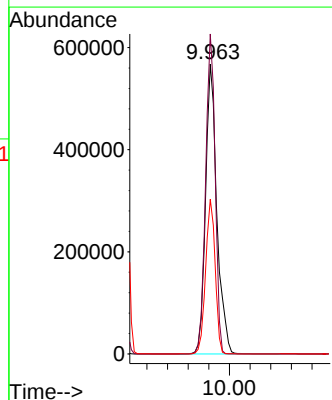
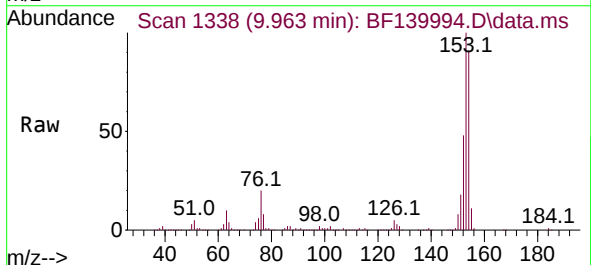
Instrument :
BNA_F
ClientSampleId :
PB164315BS

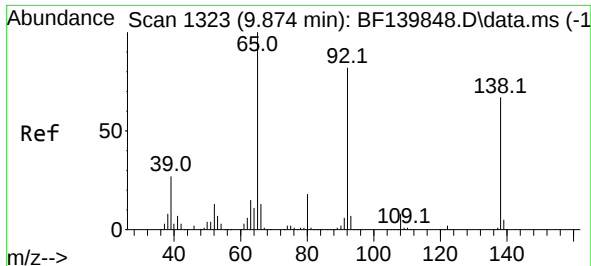
Tgt Ion:165 Resp: 205171
Ion Ratio Lower Upper
165 100
63 59.4 50.6 75.8
89 55.9 47.5 71.3



#52
Acenaphthene
Concen: 54.470 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

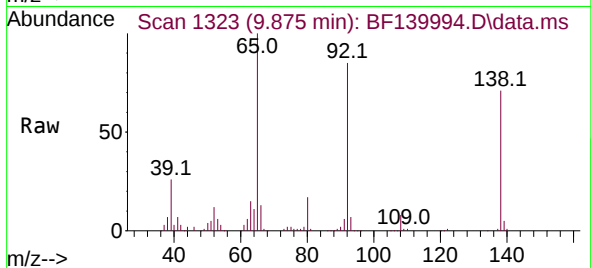
Tgt Ion:154 Resp: 863112
Ion Ratio Lower Upper
154 100
153 110.4 89.8 134.6
152 53.4 42.4 63.6



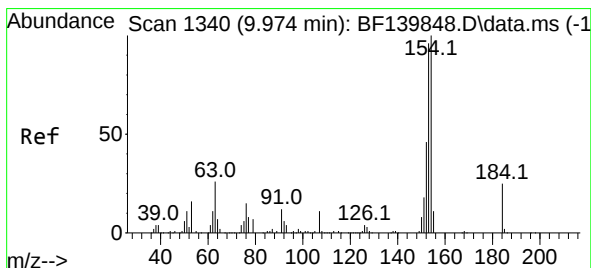
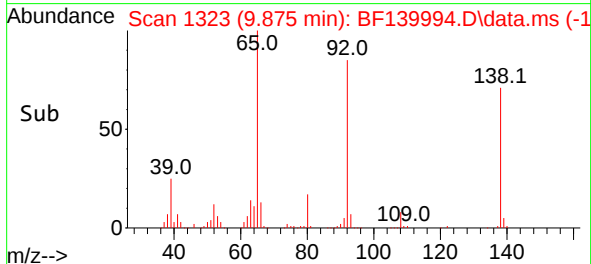
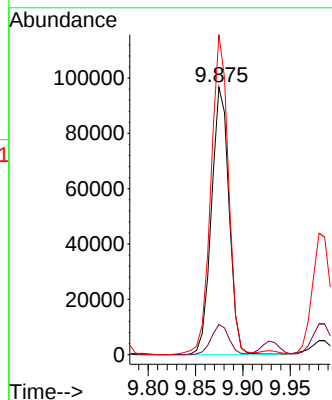


#53
3-Nitroaniline
Concen: 29.770 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Instrument :
BNA_F
ClientSampleId :
PB164315BS

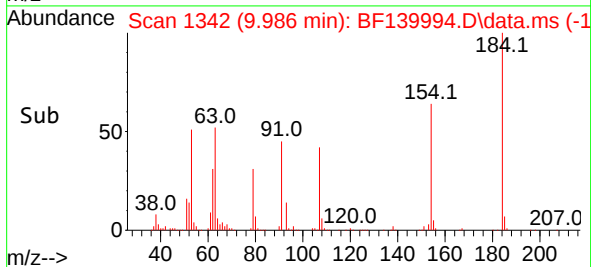
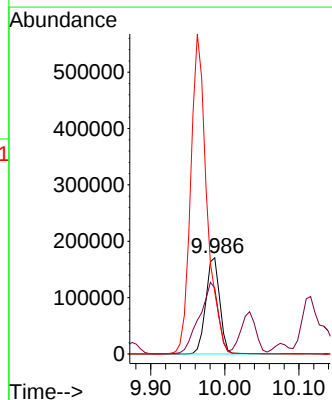
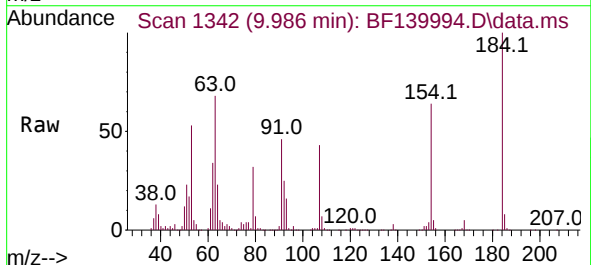


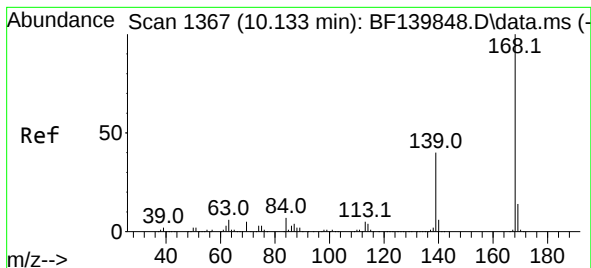
Tgt Ion:138 Resp: 125115
Ion Ratio Lower Upper
138 100
108 11.3 10.2 15.2
92 119.6 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 128.071 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:184 Resp: 224090
Ion Ratio Lower Upper
184 100
63 68.4 84.7 127.1#
154 64.3 338.2 507.2#





#55

Dibenzofuran

Concen: 48.181 ng

RT: 10.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

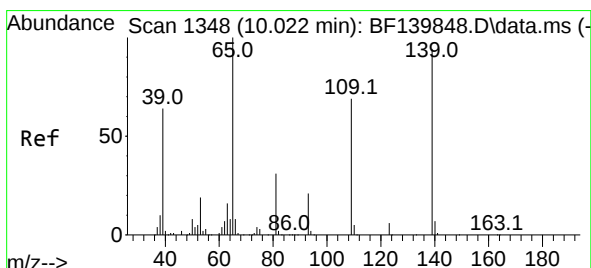
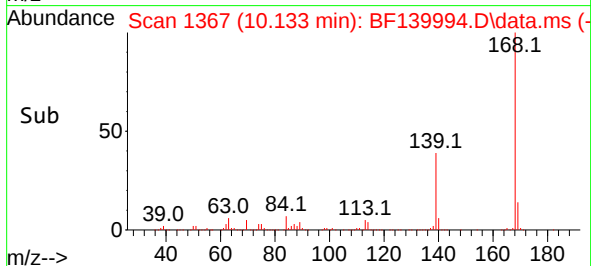
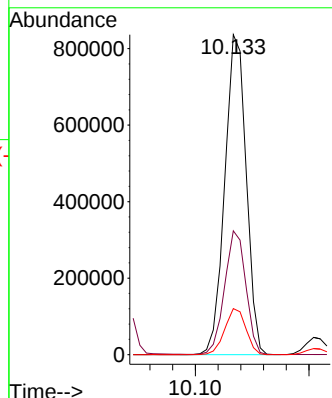
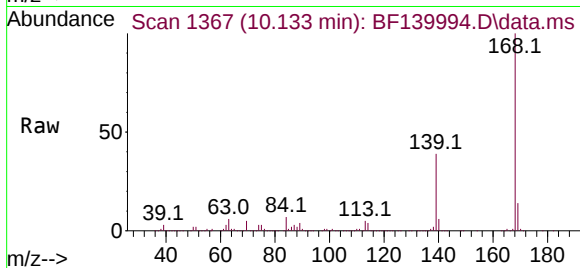
Tgt Ion:168 Resp: 1095379

Ion Ratio Lower Upper

168 100

139 38.7 31.8 47.6

169 14.4 11.6 17.4



#56

4-Nitrophenol

Concen: 105.897 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

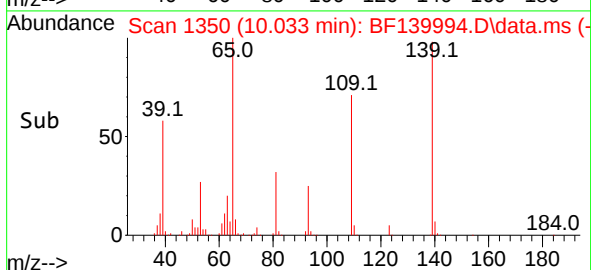
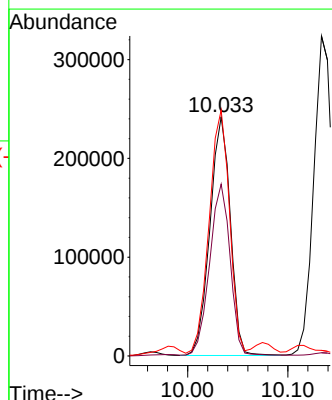
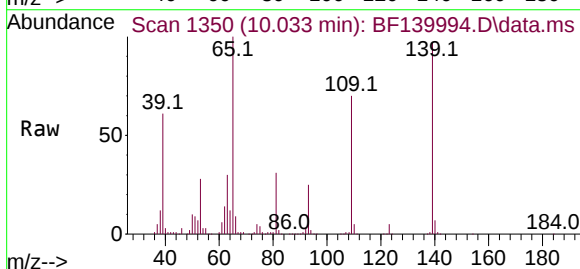
Tgt Ion:139 Resp: 342409

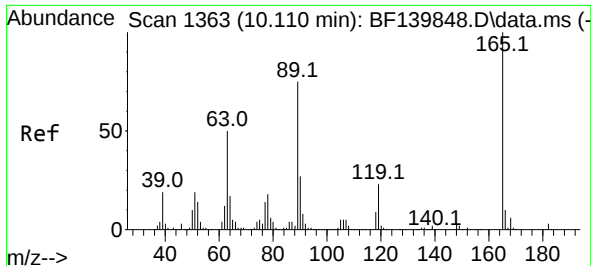
Ion Ratio Lower Upper

139 100

109 71.9 53.6 93.6

65 102.9 87.8 127.8

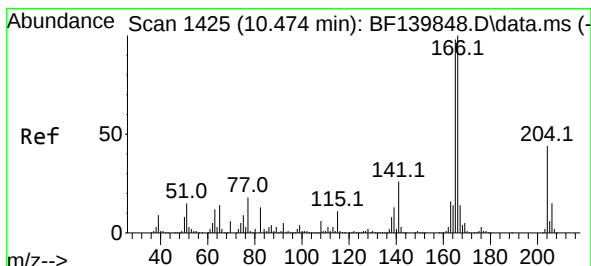
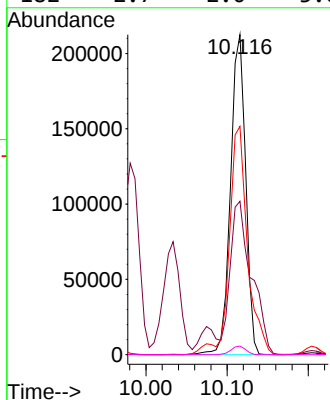
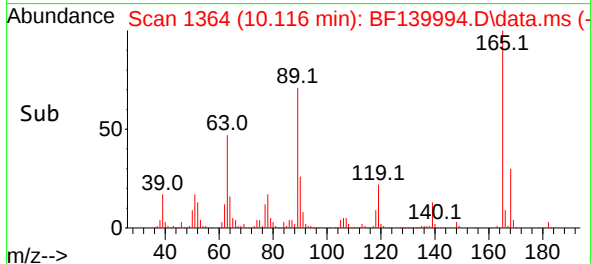
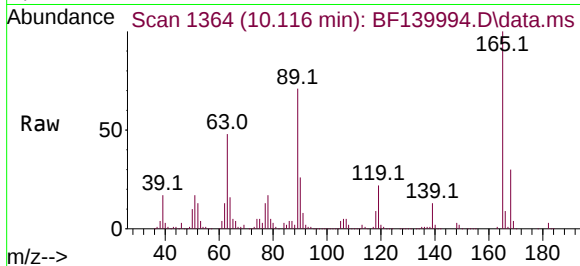




#57
2,4-Dinitrotoluene
Concen: 54.720 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

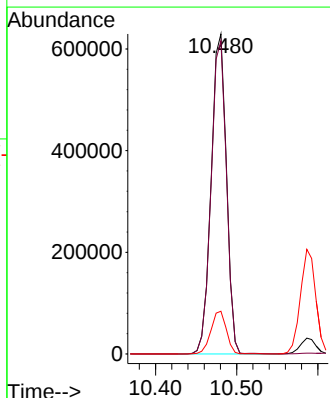
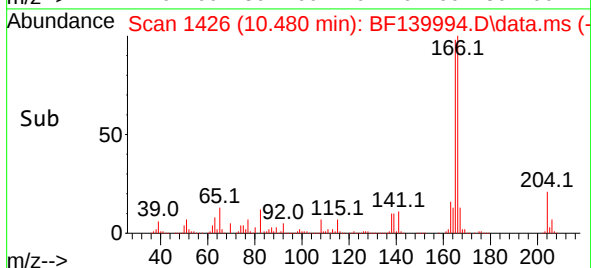
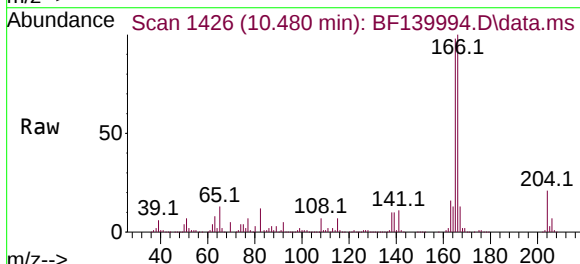
Instrument :
BNA_F
ClientSampleId :
PB164315BS

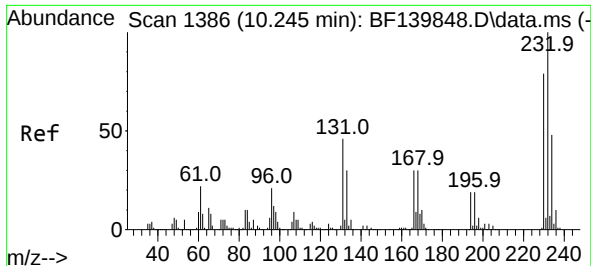
Tgt Ion:165 Resp: 274243
Ion Ratio Lower Upper
165 100
63 48.0 40.1 60.1
89 71.4 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 47.458 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:166 Resp: 821779
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 13.4 10.9 16.3

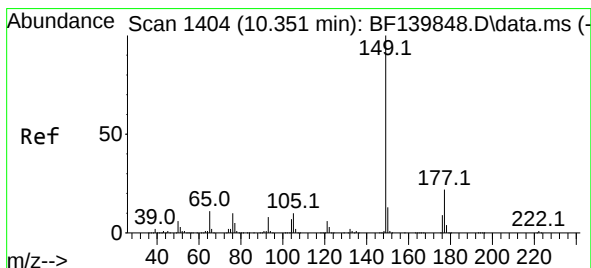
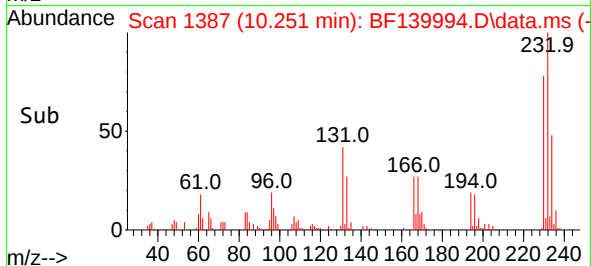
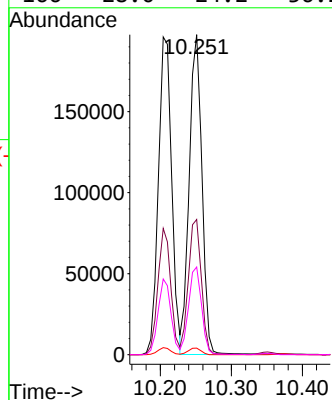
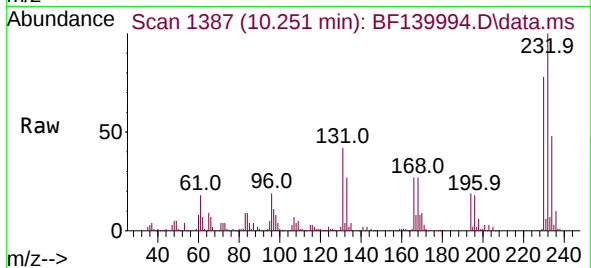




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.785 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

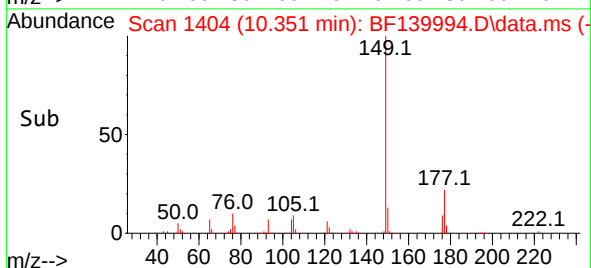
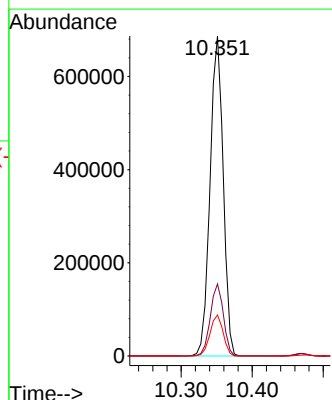
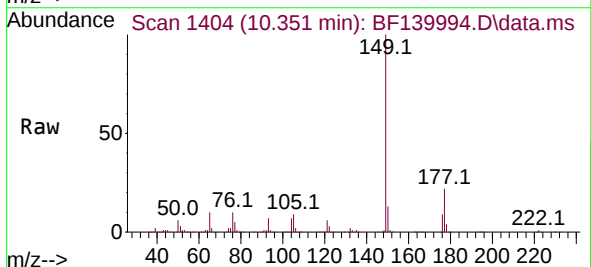
Instrument :
BNA_F
ClientSampleId :
PB164315BS

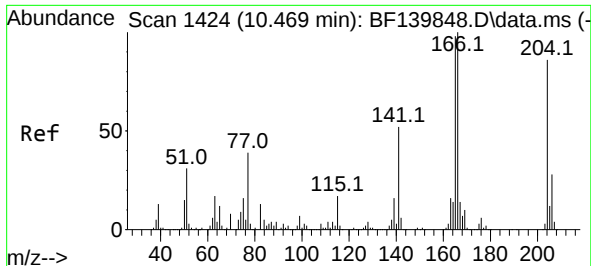
Tgt Ion:232 Resp: 246416
Ion Ratio Lower Upper
232 100
131 43.2 37.0 55.6
130 2.1 1.9 2.9
166 28.0 24.2 36.2



#60
Diethylphthalate
Concen: 47.793 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:149 Resp: 883265
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.8 10.1 15.1

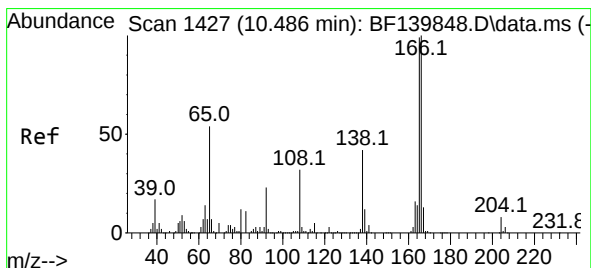
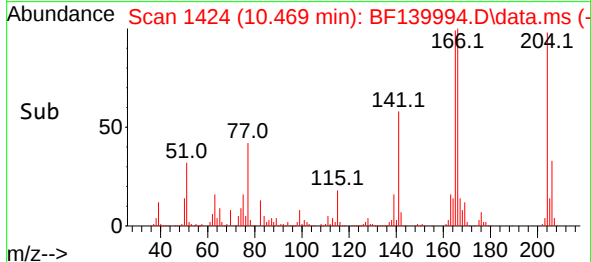
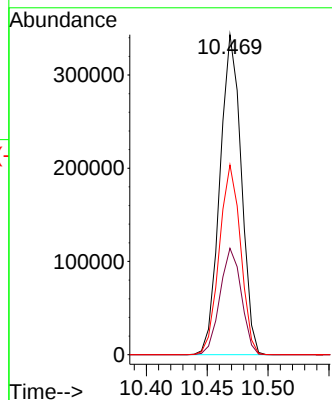
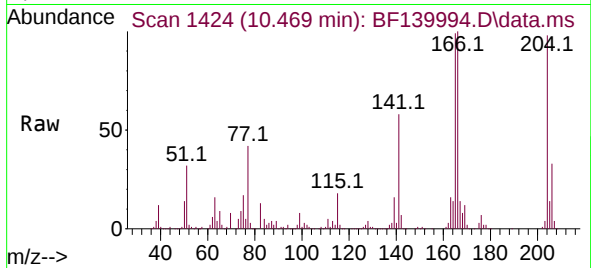




#61
4-Chlorophenyl-phenylether
Concen: 47.948 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

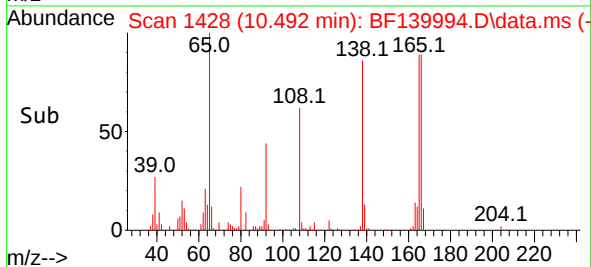
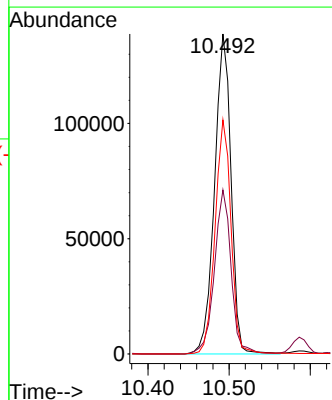
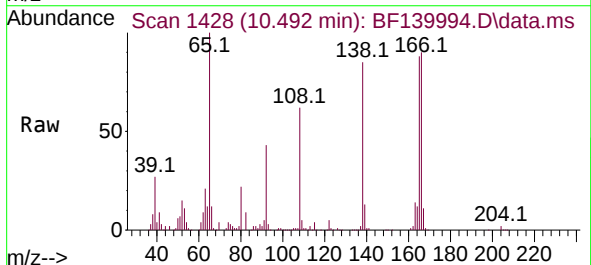
Instrument :
BNA_F
ClientSampleId :
PB164315BS

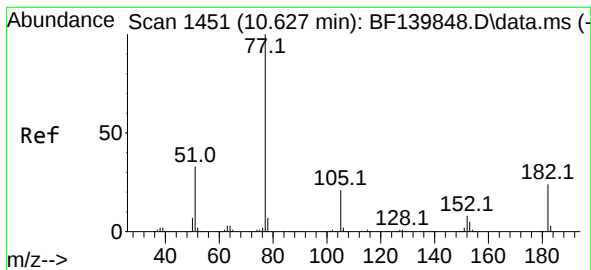
Tgt Ion:204 Resp: 419283
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 59.3 48.6 73.0



#62
4-Nitroaniline
Concen: 49.313 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:138 Resp: 195741
Ion Ratio Lower Upper
138 100
92 51.3 35.7 75.7
108 73.2 57.5 97.5

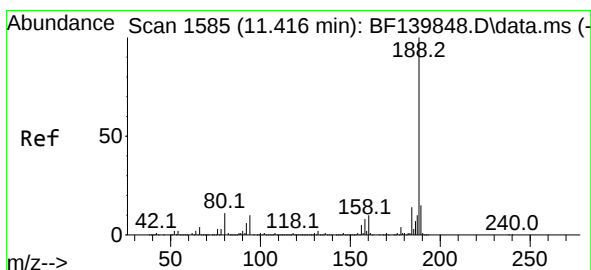
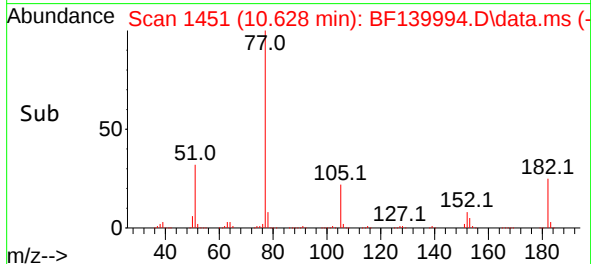
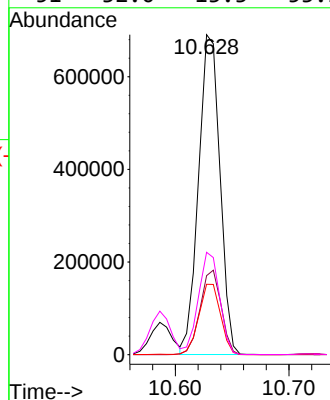
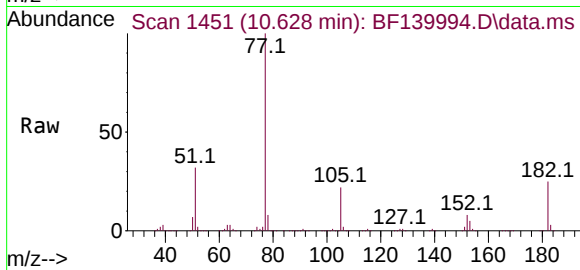




#63
Azobenzene
Concen: 46.220 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

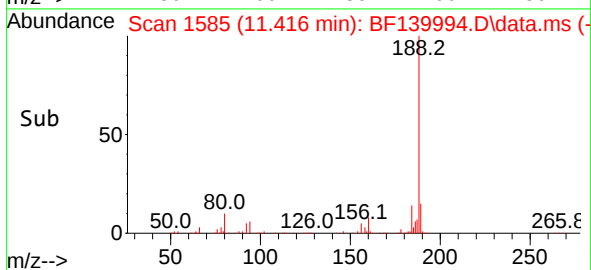
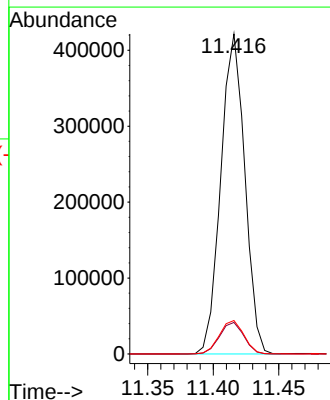
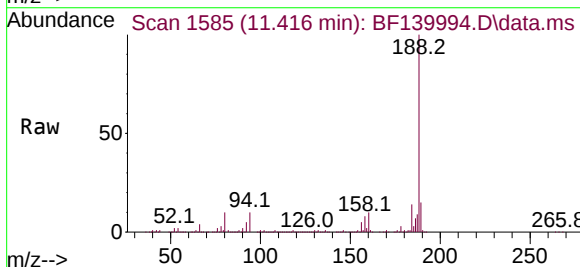
Instrument :
BNA_F
ClientSampleId :
PB164315BS

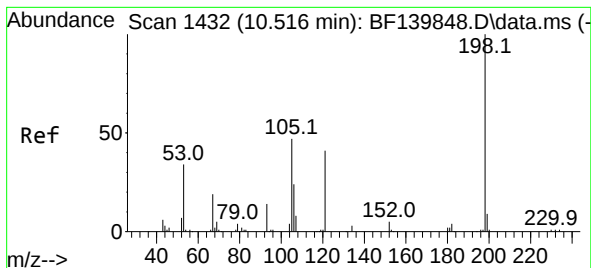
Tgt Ion: 77	Resp: 905569
Ion Ratio	Lower Upper
77 100	
182 24.7	3.3 43.3
105 22.0	1.2 41.2
51 32.0	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:188	Resp: 535948		
Ion Ratio	Lower	Upper	
188 100			
94 9.8	7.9	11.9	
80 10.4	9.0	13.4	

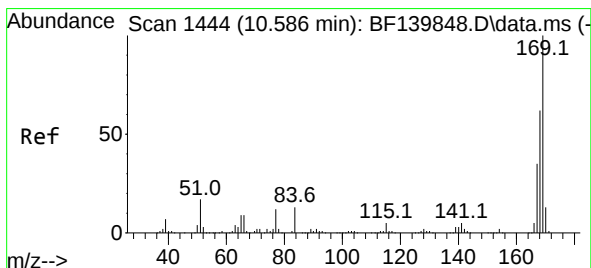
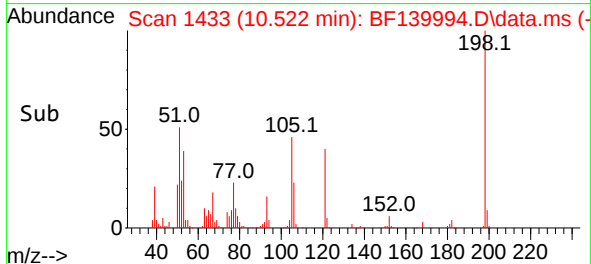
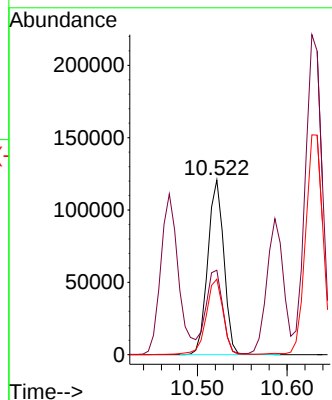
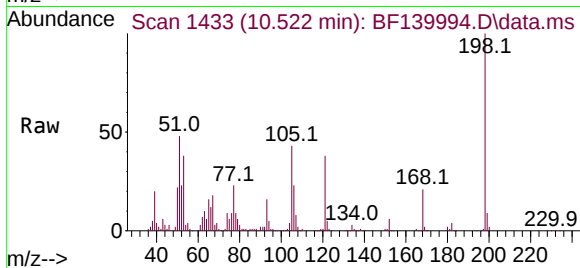




#65
4,6-Dinitro-2-methylphenol
Concen: 68.690 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

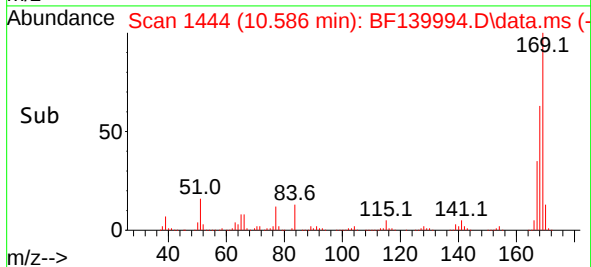
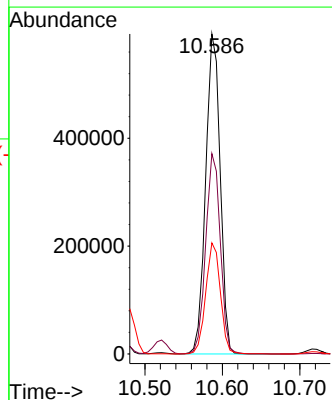
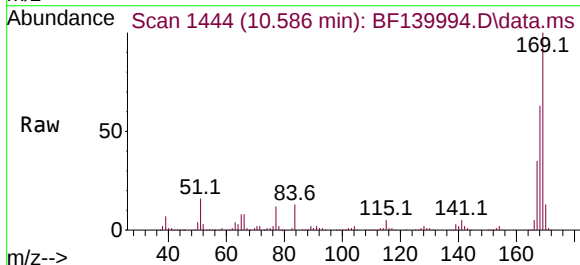
Instrument :
BNA_F
ClientSampleId :
PB164315BS

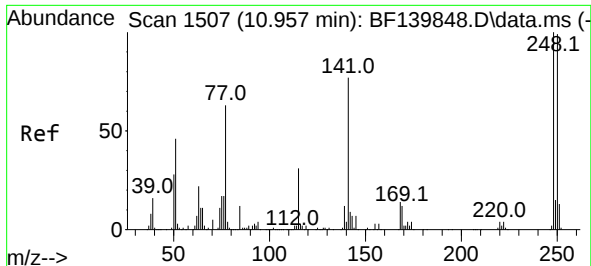
Tgt Ion:198 Resp: 150164
Ion Ratio Lower Upper
198 100
51 48.3 38.2 78.2
105 43.2 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 48.066 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:169 Resp: 771009
Ion Ratio Lower Upper
169 100
168 62.6 49.8 74.6
167 34.7 28.0 42.0

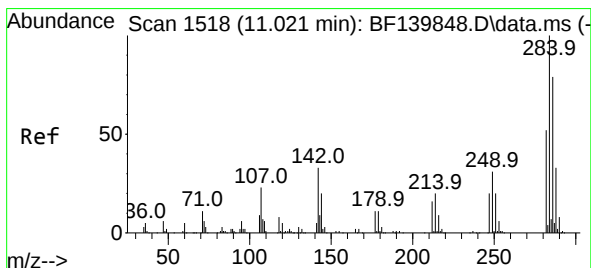
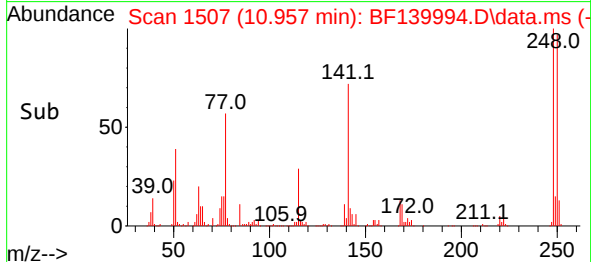
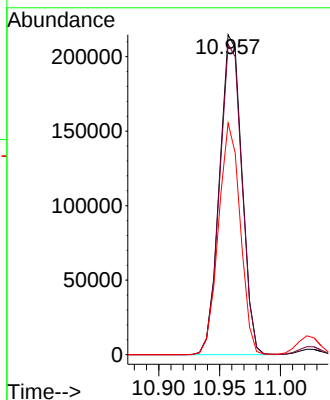
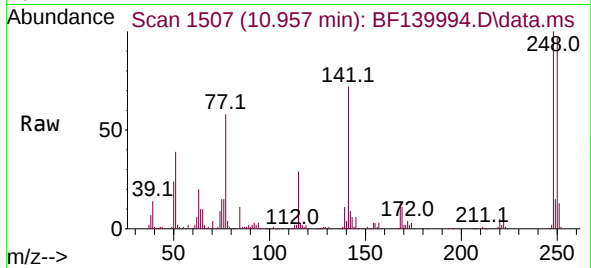




#67
4-Bromophenyl-phenylether
Concen: 49.802 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

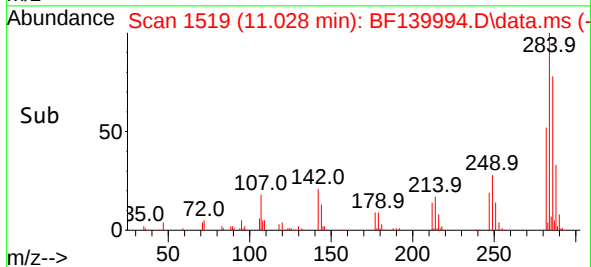
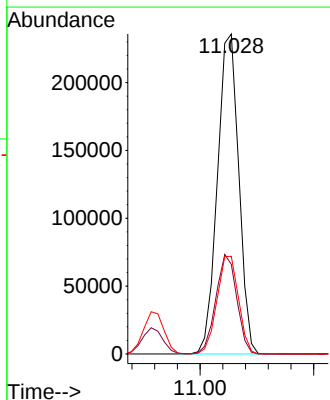
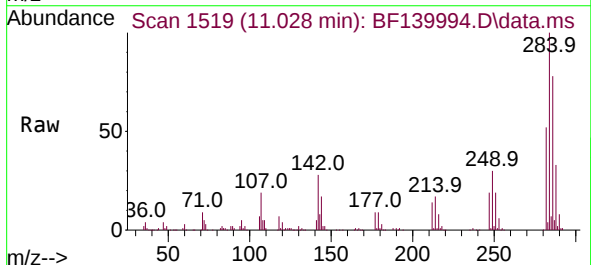
Instrument :
BNA_F
ClientSampleId :
PB164315BS

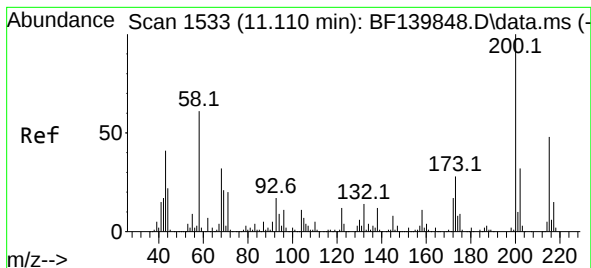
Tgt Ion:248 Resp: 274971
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.6
141 72.4 61.7 92.5



#68
Hexachlorobenzene
Concen: 49.608 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:284 Resp: 308047
Ion Ratio Lower Upper
284 100
142 28.0 26.9 40.3
249 30.5 25.3 37.9





#69

Atrazine

Concen: 57.436 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

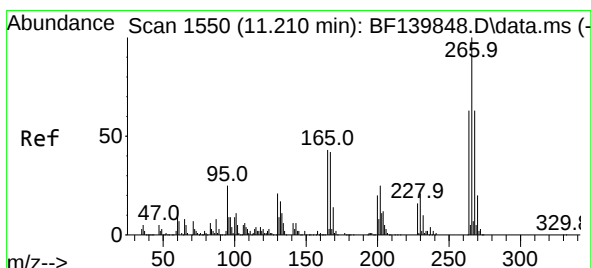
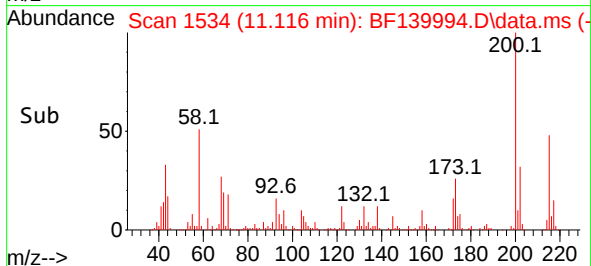
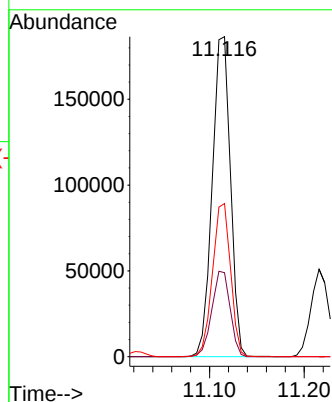
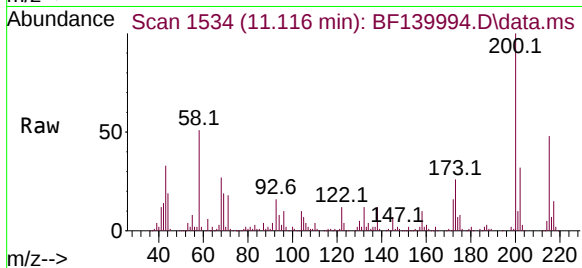
Tgt Ion:200 Resp: 249571

Ion Ratio Lower Upper

200 100

173 26.2 7.7 47.7

215 47.9 27.7 67.7



#70

Pentachlorophenol

Concen: 99.161 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

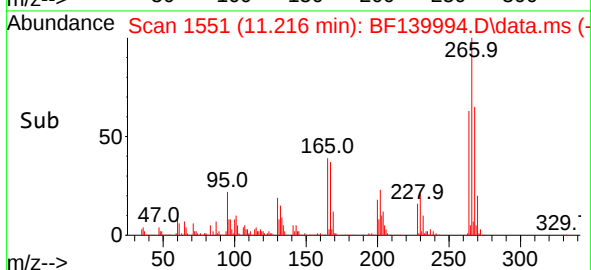
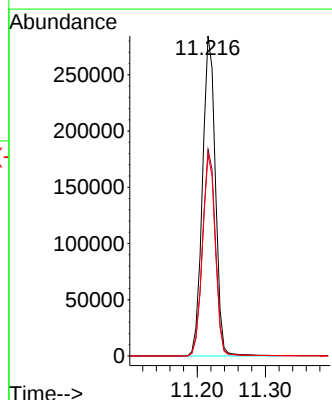
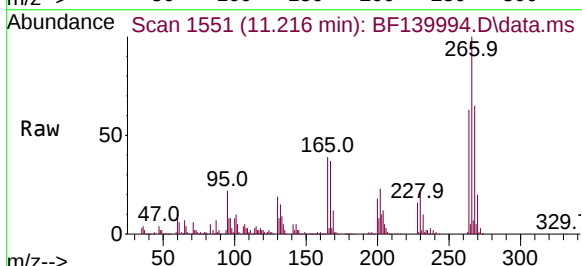
Tgt Ion:266 Resp: 373703

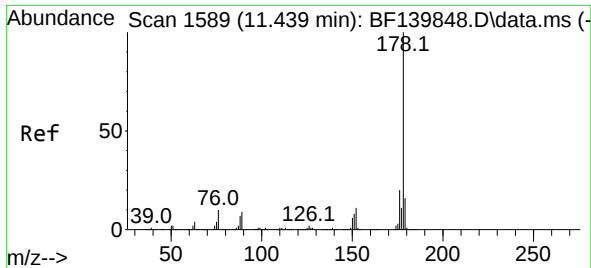
Ion Ratio Lower Upper

266 100

268 64.6 50.4 75.6

264 62.8 50.6 75.8

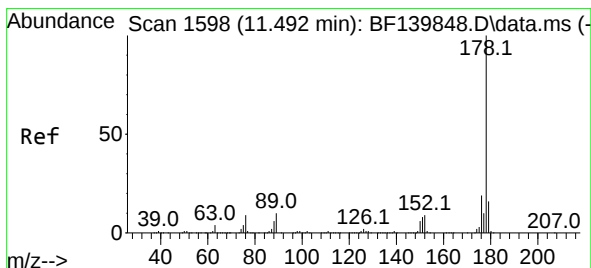
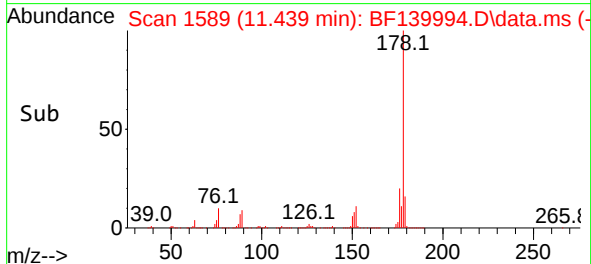
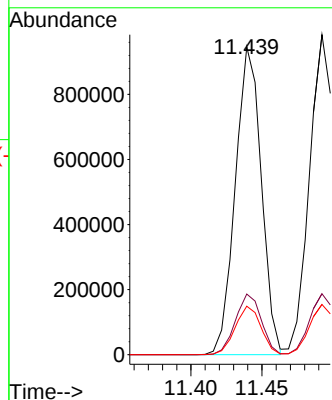
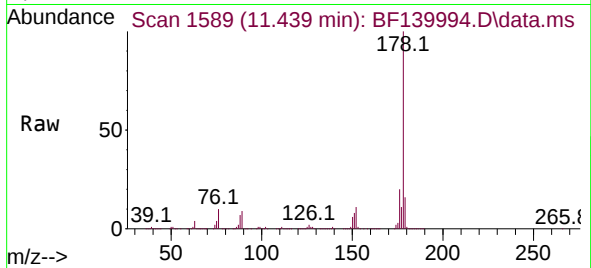




#71
Phenanthrene
Concen: 47.632 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

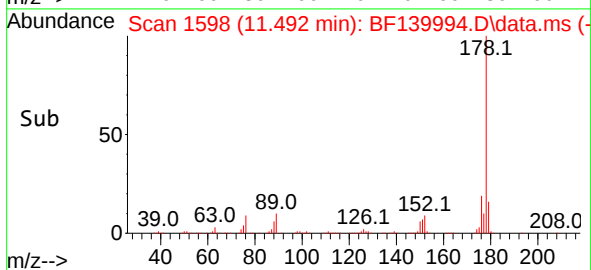
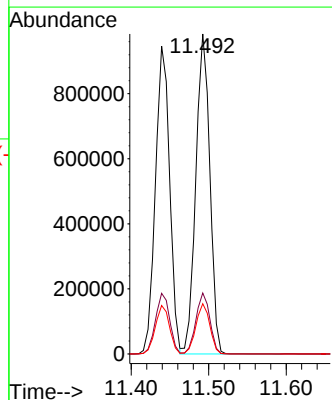
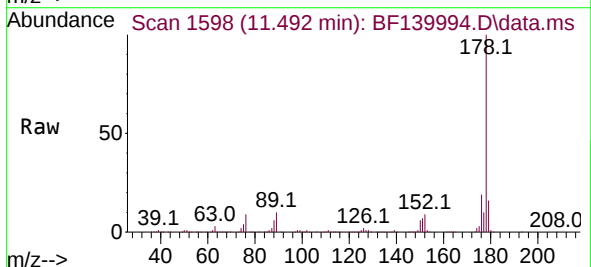
Instrument :
BNA_F
ClientSampleId :
PB164315BS

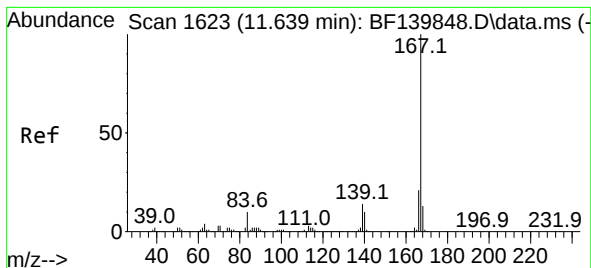
Tgt Ion:178 Resp: 1205859
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.8 12.6 18.8



#72
Anthracene
Concen: 49.919 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:178 Resp: 1233007
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.7 12.4 18.6





#73

Carbazole

Concen: 45.816 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

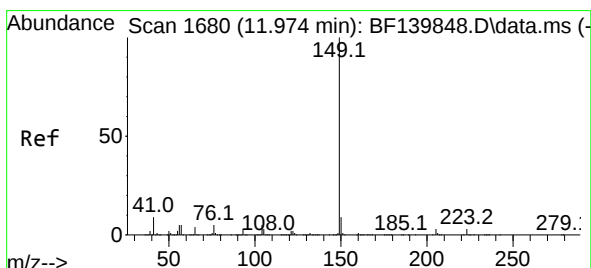
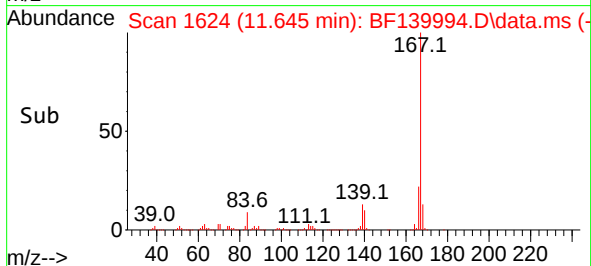
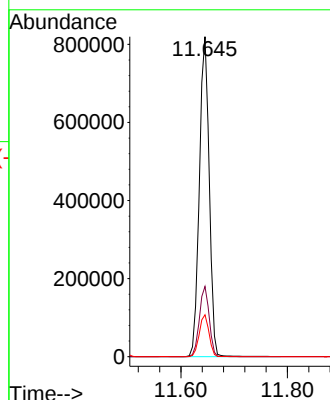
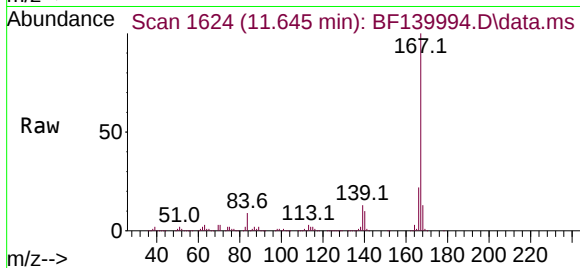
Tgt Ion:167 Resp: 1052474

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.6

139 13.1 10.8 16.2



#74

Di-n-butylphthalate

Concen: 47.065 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

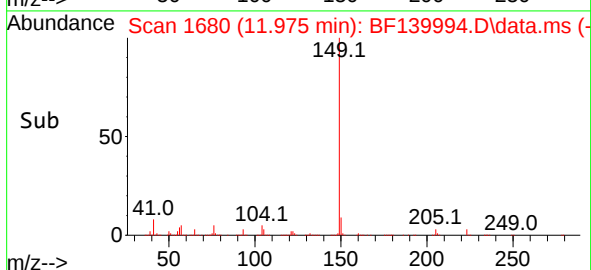
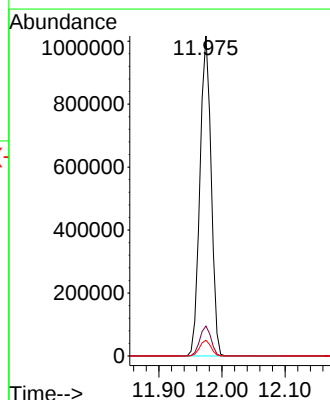
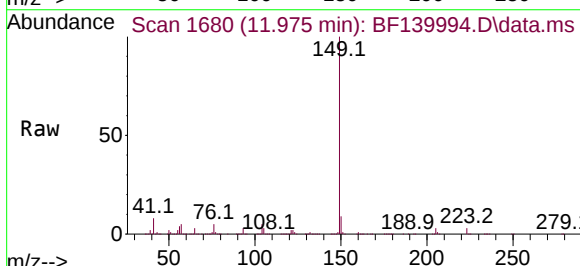
Tgt Ion:149 Resp: 1249126

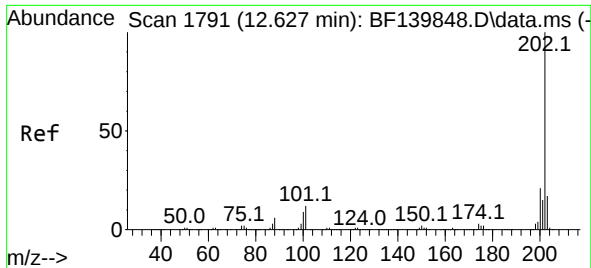
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.9 4.1 6.1

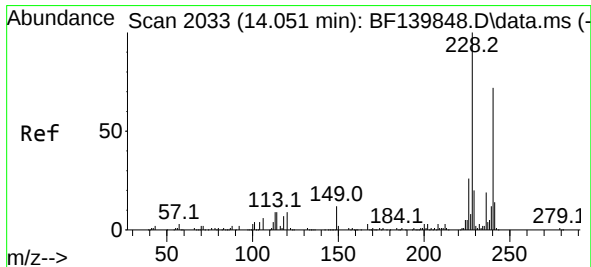
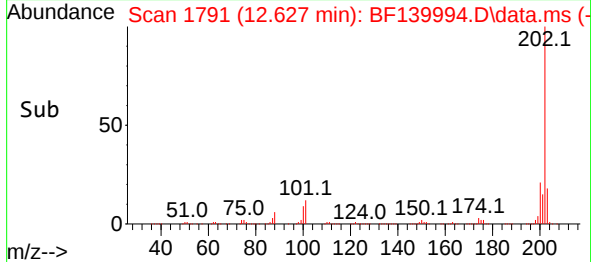
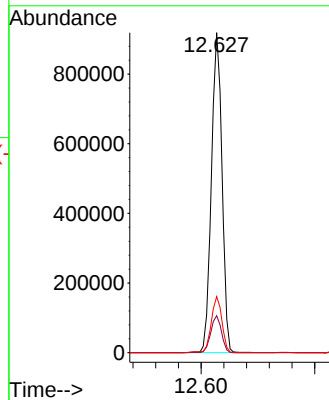
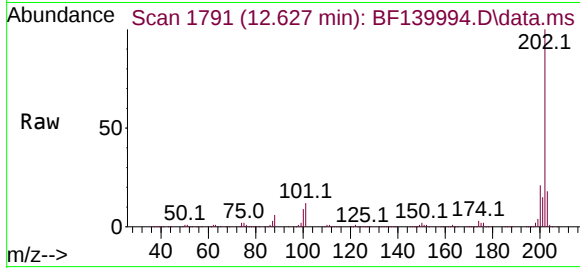




#75
Fluoranthene
Concen: 46.291 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

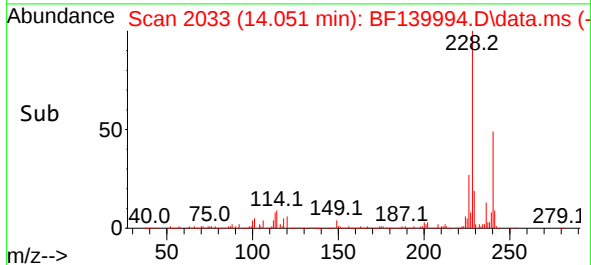
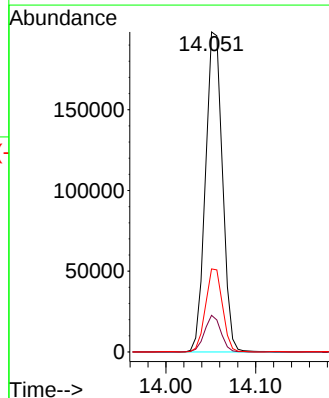
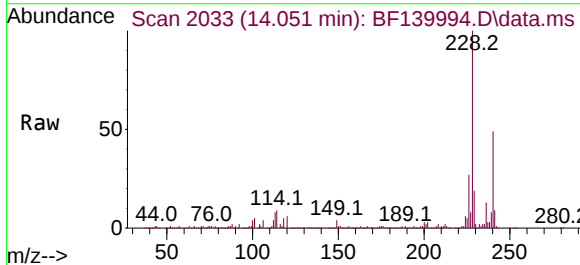
Instrument :
BNA_F
ClientSampleId :
PB164315BS

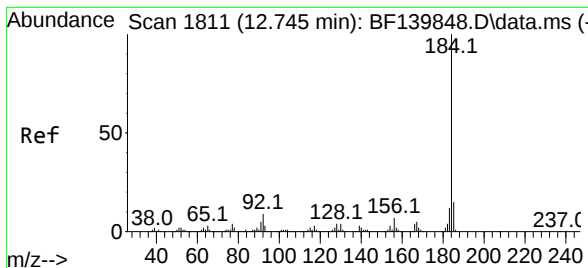
Tgt Ion:202 Resp: 1184700
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.9
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:240 Resp: 260625
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 25.9 20.9 31.3





#77

Benzidine

Concen: 46.535 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

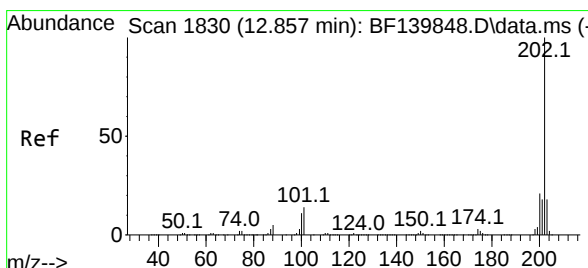
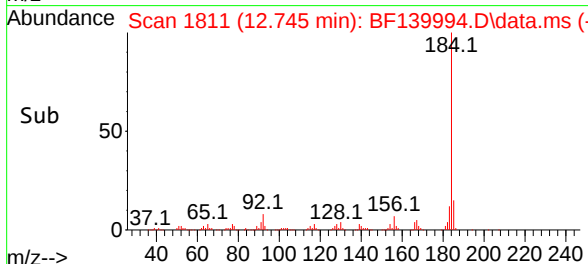
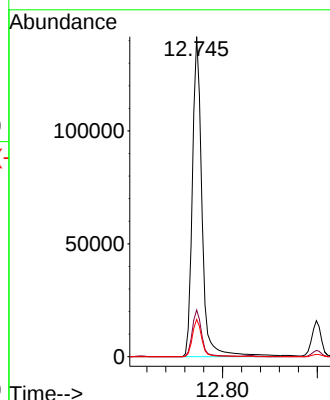
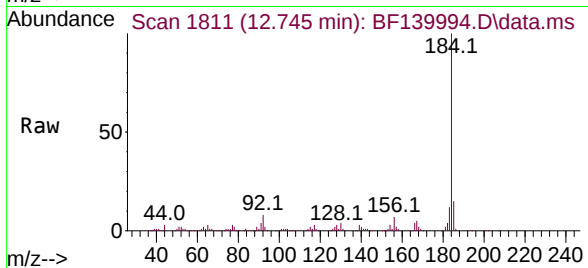
Tgt Ion:184 Resp: 199428

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

183 11.6 9.4 14.2



#78

Pyrene

Concen: 51.652 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

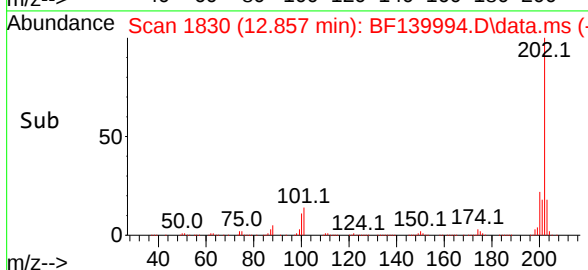
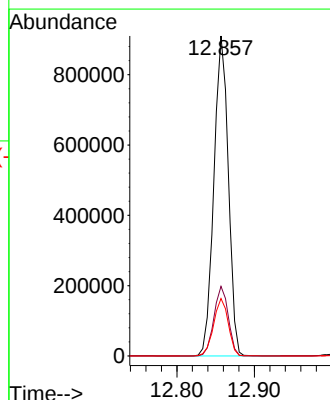
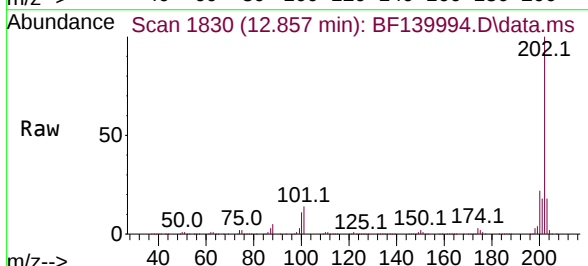
Tgt Ion:202 Resp: 1178350

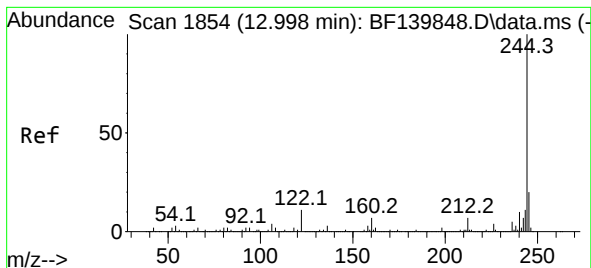
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 106.518 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

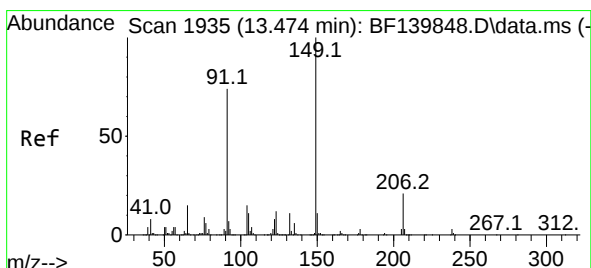
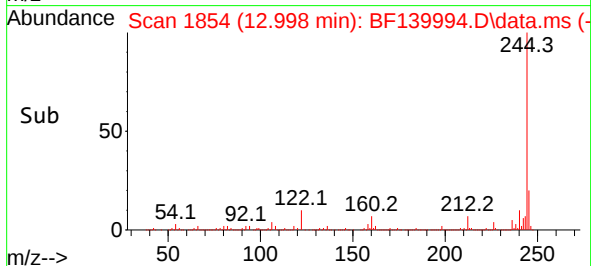
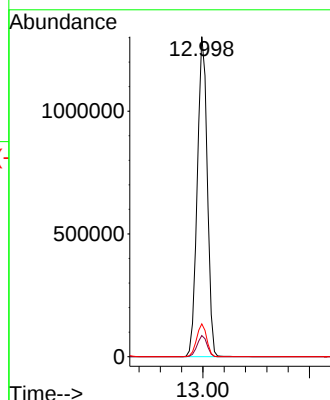
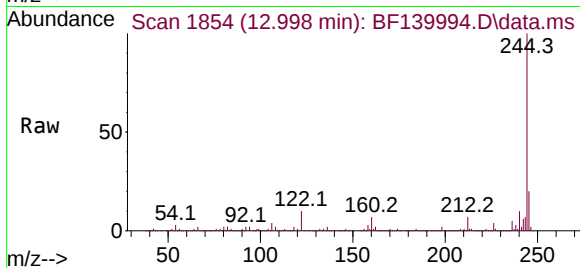
Tgt Ion:244 Resp: 1703690

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 10.3 8.6 13.0



#80

Butylbenzylphthalate

Concen: 53.652 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

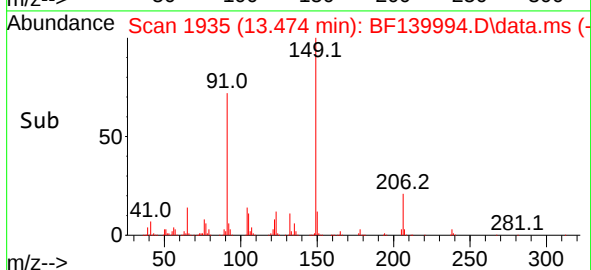
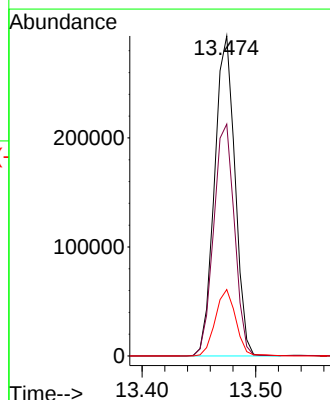
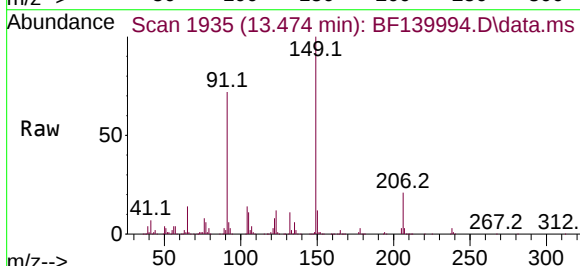
Tgt Ion:149 Resp: 366950

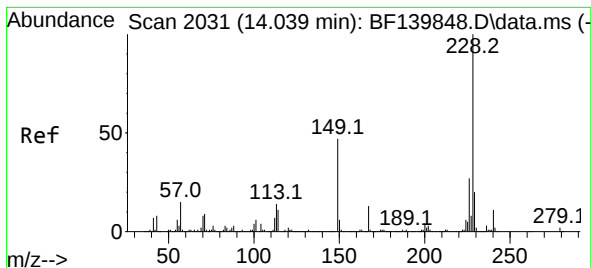
Ion Ratio Lower Upper

149 100

91 72.4 59.4 89.2

206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 50.393 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

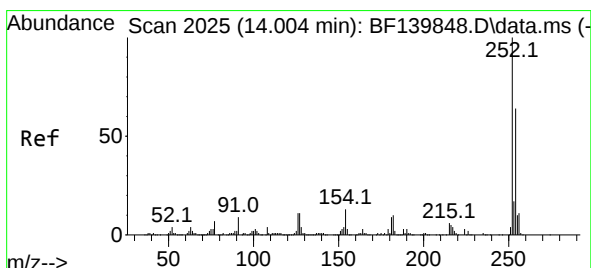
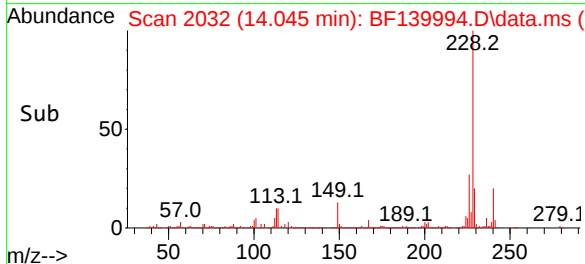
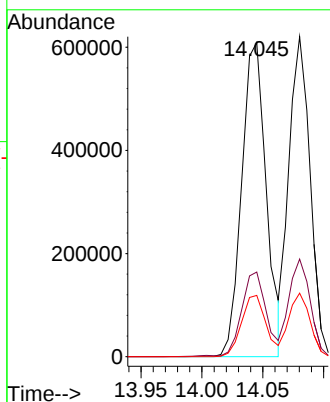
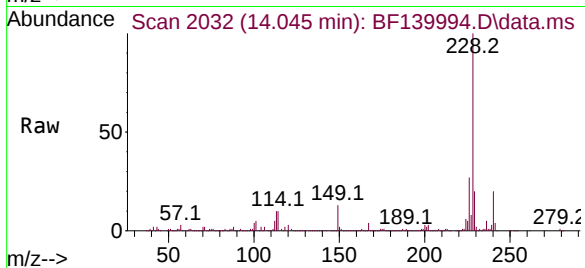
Tgt Ion:228 Resp: 854961

Ion Ratio Lower Upper

228 100

226 26.9 21.6 32.4

229 19.5 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 36.180 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

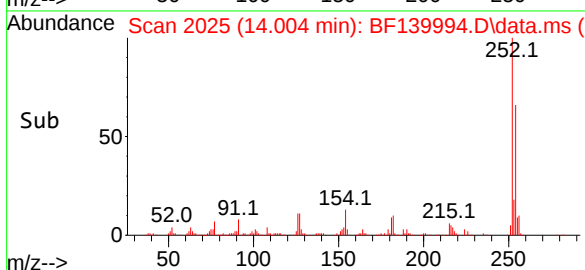
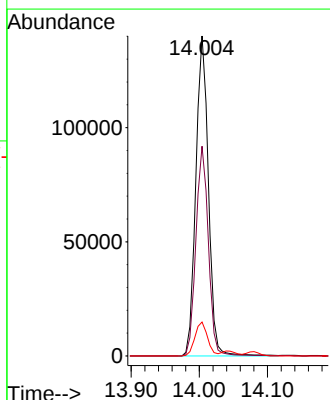
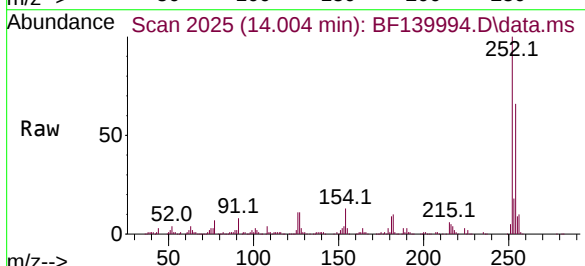
Tgt Ion:252 Resp: 178968

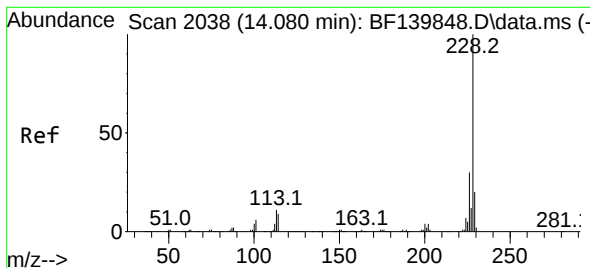
Ion Ratio Lower Upper

252 100

254 65.5 50.8 76.2

126 10.6 8.9 13.3





#83

Chrysene

Concen: 48.577 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

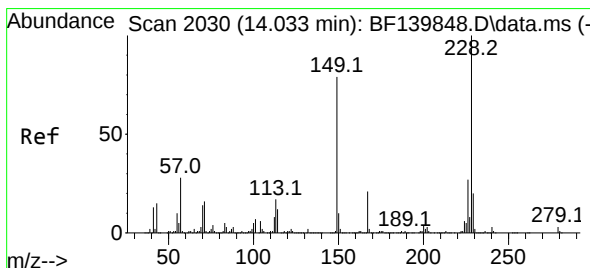
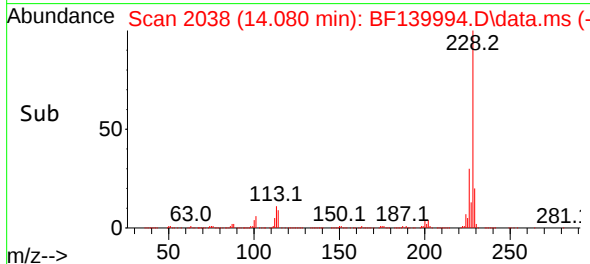
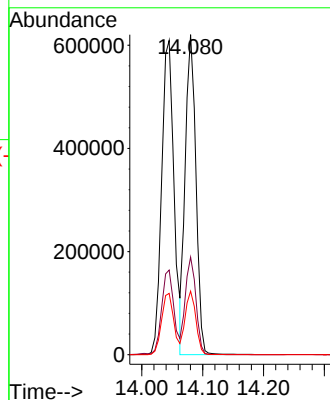
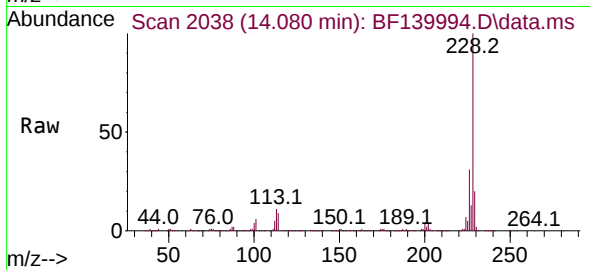
Tgt Ion:228 Resp: 755642

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.591 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

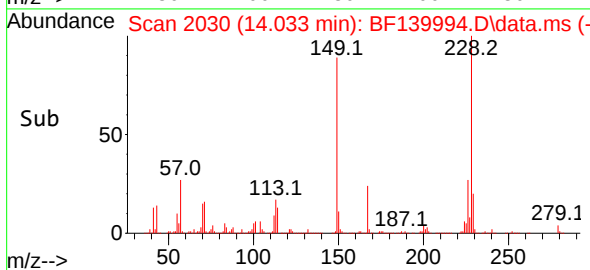
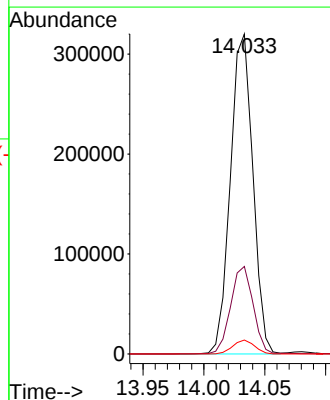
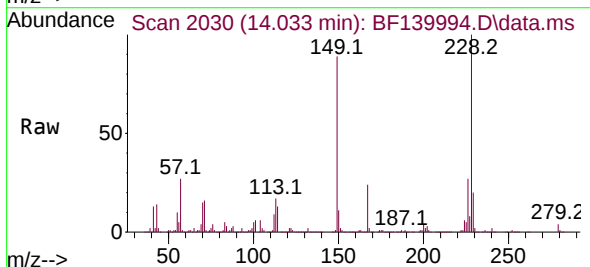
Tgt Ion:149 Resp: 411236

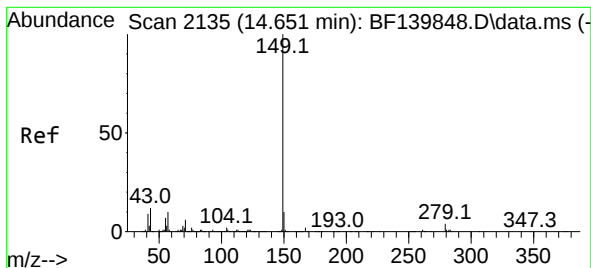
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 50.233 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

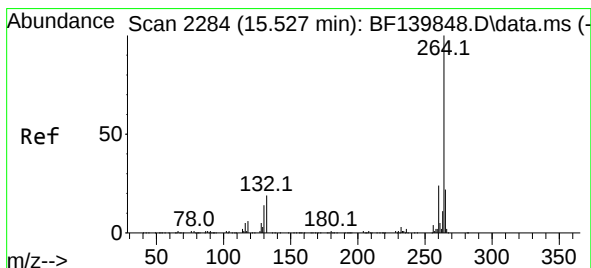
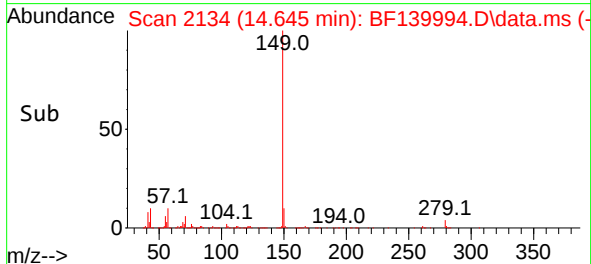
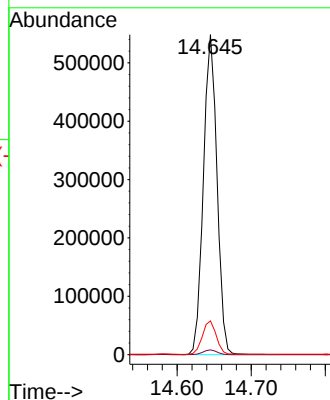
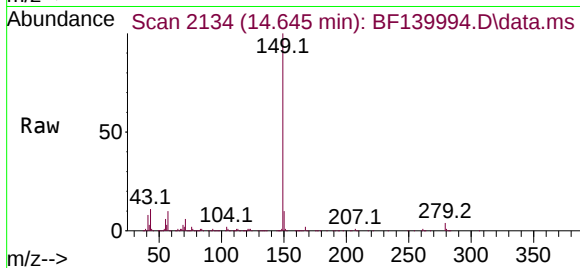
Tgt Ion:149 Resp: 701121

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

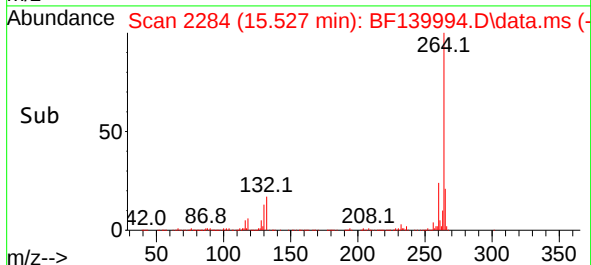
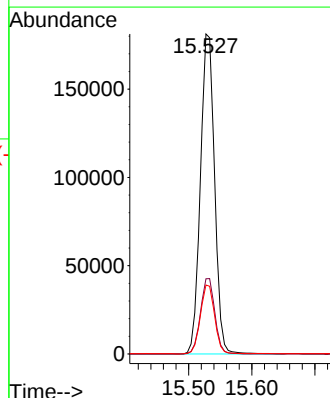
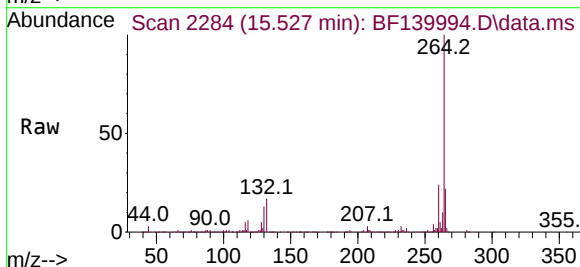
Tgt Ion:264 Resp: 282742

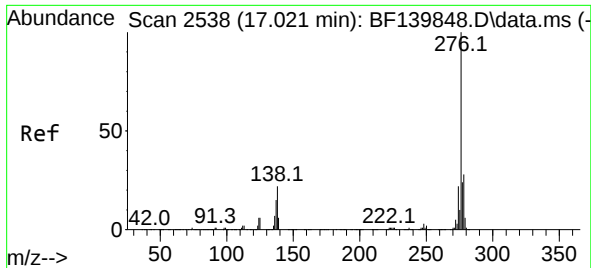
Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.6 17.4 26.0

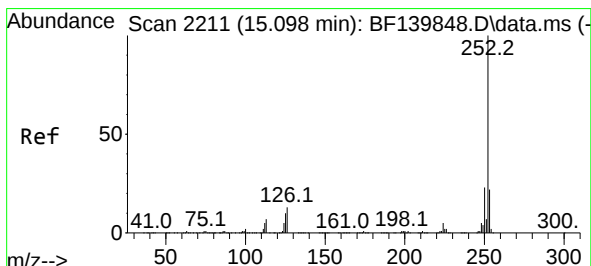
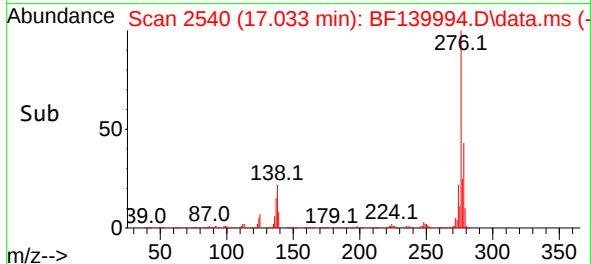
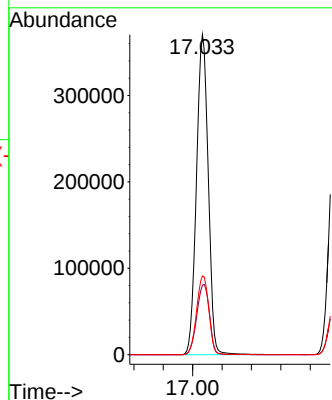
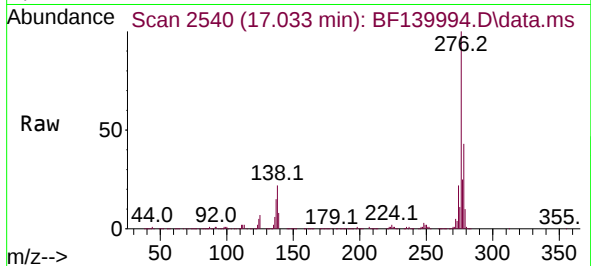




#87
Indeno(1,2,3-cd)pyrene
Concen: 56.629 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

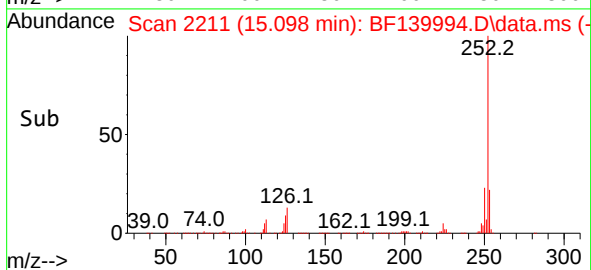
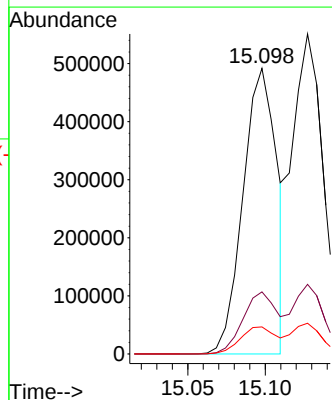
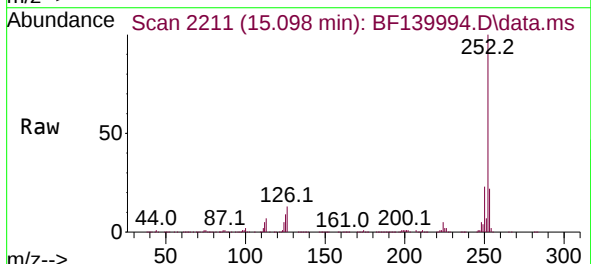
Instrument :
BNA_F
ClientSampleId :
PB164315BS

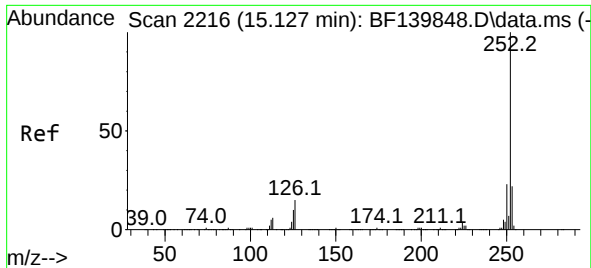
Tgt Ion:276 Resp: 1030056
Ion Ratio Lower Upper
276 100
138 23.6 20.4 30.6
277 25.6 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 43.307 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:252 Resp: 745894
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.5 7.9 11.9

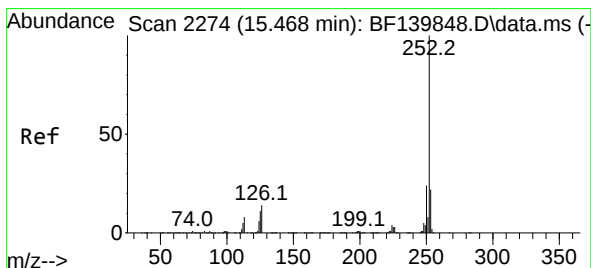
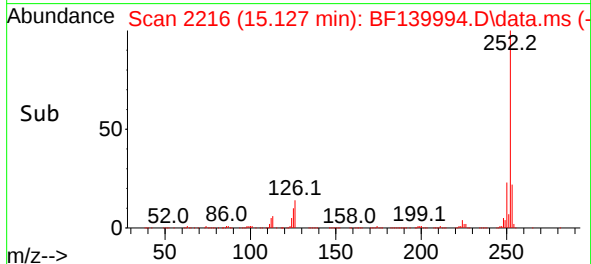
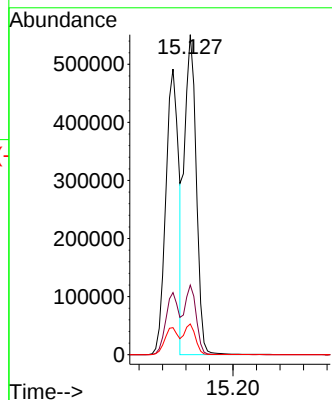
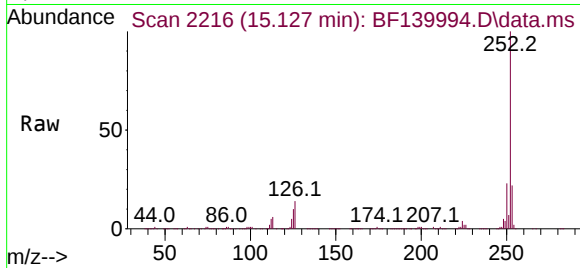




#89
Benzo(k)fluoranthene
Concen: 51.531 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

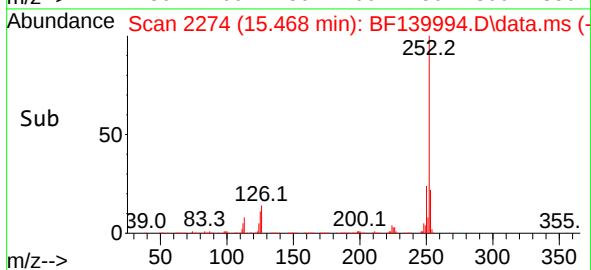
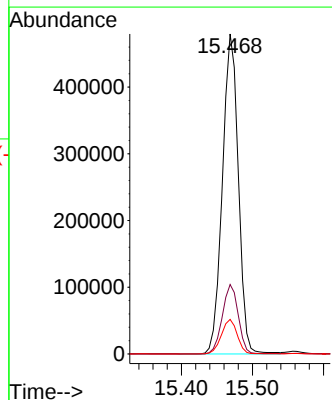
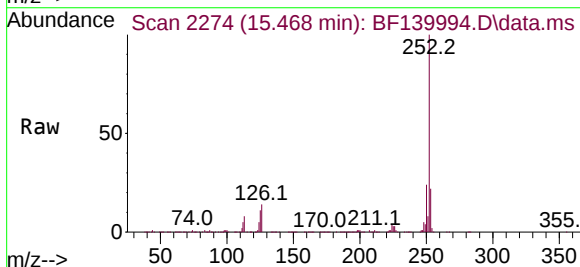
Instrument :
BNA_F
ClientSampleId :
PB164315BS

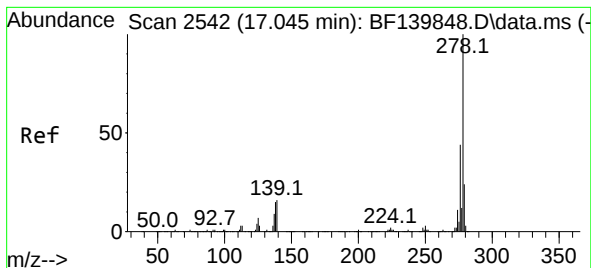
Tgt Ion:252 Resp: 765437
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.6 7.9 11.9



#90
Benzo(a)pyrene
Concen: 52.612 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF139994.D
Acq: 24 Oct 2024 11:49

Tgt Ion:252 Resp: 745619
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 55.560 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Instrument :

BNA_F

ClientSampleId :

PB164315BS

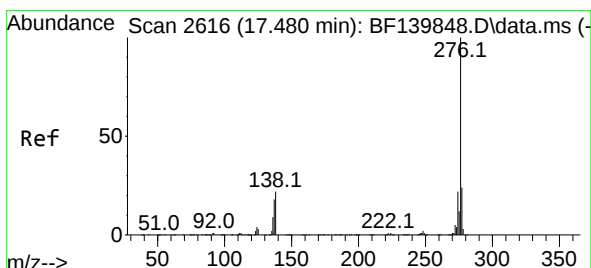
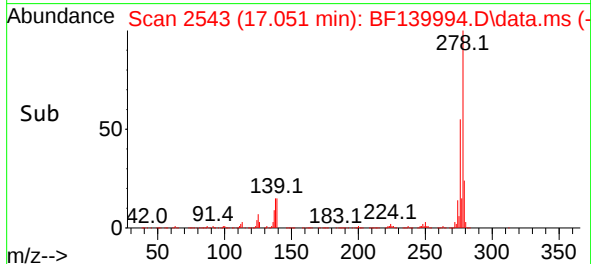
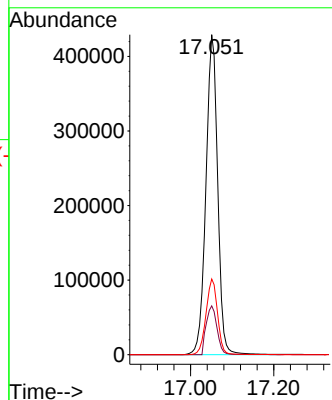
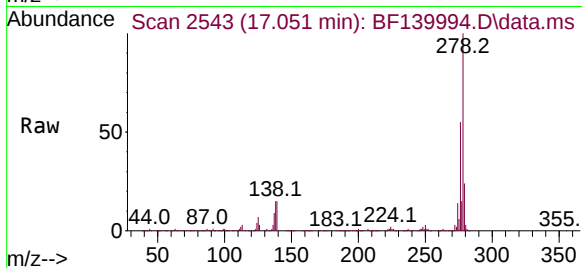
Tgt Ion:278 Resp: 843072

Ion Ratio Lower Upper

278 100

139 15.3 13.1 19.7

279 23.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 52.694 ng

RT: 17.486 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF139994.D

Acq: 24 Oct 2024 11:49

Tgt Ion:276 Resp: 798685

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 20.5 17.4 26.0

