

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140393.D
 Acq On : 15 Nov 2024 10:34
 Operator : RC/JU
 Sample : PB164789BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164789BS

Quant Time: Nov 15 19:46:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	137404	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	514072	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	287836	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	536724	20.000	ng	0.00
76) Chrysene-d12	14.074	240	317210	20.000	ng	0.02
86) Perylene-d12	15.598	264	291377	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	990091	123.029	ng	0.03
7) Phenol-d6	6.528	99	1280343	117.428	ng	0.02
23) Nitrobenzene-d5	7.440	82	836591	84.791	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	373256	130.404	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1498050	83.665	ng	0.00
79) Terphenyl-d14	12.992	244	1685980	92.258	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	123586	34.456	ng	100
3) Pyridine	3.475	79	331501	37.594	ng	100
4) n-Nitrosodimethylamine	3.428	42	188597	42.318	ng	100
6) Aniline	6.540	93	414064	43.655	ng	# 24
8) 2-Chlorophenol	6.669	128	381885	44.176	ng	98
9) Benzaldehyde	6.428	77	36794	5.631	ng	98
10) Phenol	6.540	94	474305	41.250	ng	# 65
11) bis(2-Chloroethyl)ether	6.610	93	371031	42.587	ng	100
12) 1,3-Dichlorobenzene	6.816	146	393660	41.272	ng	99
13) 1,4-Dichlorobenzene	6.893	146	392709	40.605	ng	99
14) 1,2-Dichlorobenzene	7.045	146	382193	42.568	ng	99
15) Benzyl Alcohol	7.022	79	339155	43.174	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	490201	40.734	ng	# 40
17) 2-Methylphenol	7.140	107	300730	42.288	ng	# 90
18) Hexachloroethane	7.387	117	146897	41.086	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	269948	40.994	ng	99
20) 3+4-Methylphenols	7.293	107	378063	42.510	ng	94
22) Acetophenone	7.287	105	507637	42.458	ng	99
24) Nitrobenzene	7.457	77	419739	40.860	ng	99
25) Isophorone	7.698	82	738403	42.227	ng	99
26) 2-Nitrophenol	7.775	139	200521	43.987	ng	99
27) 2,4-Dimethylphenol	7.816	122	294303	50.427	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	440947	41.125	ng	99
29) 2,4-Dichlorophenol	8.022	162	316416	43.869	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	323921	40.338	ng	99
31) Naphthalene	8.181	128	1093375	41.927	ng	100
32) Benzoic acid	7.940	122	215893	42.040	ng	97
33) 4-Chloroaniline	8.234	127	365292	40.278	ng	99
34) Hexachlorobutadiene	8.292	225	207460	40.548	ng	99
35) Caprolactam	8.592	113	67055	27.971	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	347888	43.523	ng	99
37) 2-Methylnaphthalene	8.869	142	710588	42.495	ng	100
38) 1-Methylnaphthalene	8.969	142	661889	40.422	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	335342	42.130	ng	99
41) Hexachlorocyclopentadiene	9.022	237	332637	162.766	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	230246	44.078	ng	98

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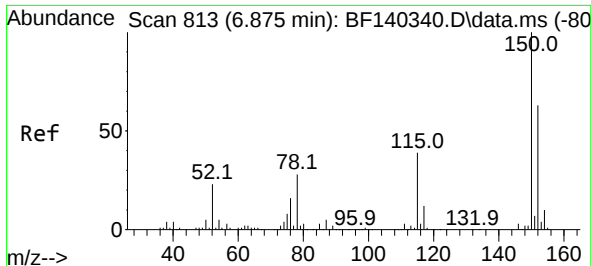
Quant Time: Nov 15 19:46:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	241036	42.205	ng	97
46) 1,1'-Biphenyl	9.334	154	880236	42.036	ng	99
47) 2-Chloronaphthalene	9.363	162	660643	41.416	ng	99
48) 2-Nitroaniline	9.457	65	235801	44.574	ng	97
49) Acenaphthylene	9.775	152	1101638	45.646	ng	100
50) Dimethylphthalate	9.634	163	798078	42.538	ng	100
51) 2,6-Dinitrotoluene	9.698	165	177675	41.541	ng	99
52) Acenaphthene	9.951	154	680295	41.734	ng	100
53) 3-Nitroaniline	9.875	138	165184	36.774	ng	99
54) 2,4-Dinitrophenol	9.981	184	208629	94.589	ng	99
55) Dibenzofuran	10.122	168	999863	43.330	ng	100
56) 4-Nitrophenol	10.051	139	291245	88.892	ng	99
57) 2,4-Dinitrotoluene	10.104	165	246023	43.705	ng	99
58) Fluorene	10.469	166	772092	42.354	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	211528	46.908	ng	98
60) Diethylphthalate	10.334	149	806565	42.043	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	371728	41.304	ng	98
62) 4-Nitroaniline	10.492	138	200492	43.654	ng	100
63) Azobenzene	10.616	77	803243	42.375	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	140240	48.565	ng	100
66) n-Nitrosodiphenylamine	10.575	169	686072	44.240	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	229260	42.731	ng	99
68) Hexachlorobenzene	11.016	284	259344	42.962	ng	97
69) Atrazine	11.104	200	160807	34.274	ng	100
70) Pentachlorophenol	11.216	266	268128	82.458	ng	97
71) Phenanthrene	11.433	178	1118916	44.379	ng	100
72) Anthracene	11.480	178	1141349	46.189	ng	99
73) Carbazole	11.639	167	1070940	43.893	ng	100
74) Di-n-butylphthalate	11.963	149	1239558	42.329	ng	100
75) Fluoranthene	12.622	202	1226619	43.364	ng	100
77) Benzidine	12.739	184	211770	17.394	ng	99
78) Pyrene	12.851	202	1233627	45.466	ng	100
80) Butylbenzylphthalate	13.469	149	470859	45.174	ng	96
81) Benzo(a)anthracene	14.063	228	939325	45.056	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	268070	40.455	ng	99
83) Chrysene	14.098	228	854525	44.923	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	594170	42.707	ng	99
85) Di-n-octyl phthalate	14.698	149	828270	42.271	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	838769	46.601	ng	100
88) Benzo(b)fluoranthene	15.157	252	778217	40.829	ng	100
89) Benzo(k)fluoranthene	15.192	252	690747	44.361	ng	100
90) Benzo(a)pyrene	15.539	252	691951	46.748	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	685624	46.083	ng	100
92) Benzo(g,h,i)perylene	17.574	276	647910	42.597	ng	99

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

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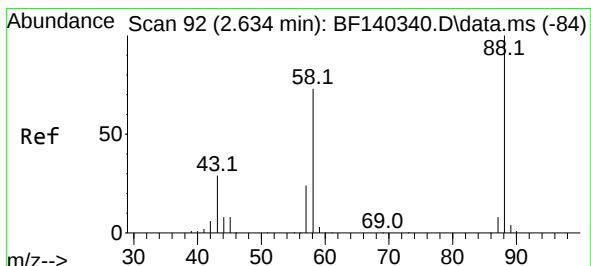
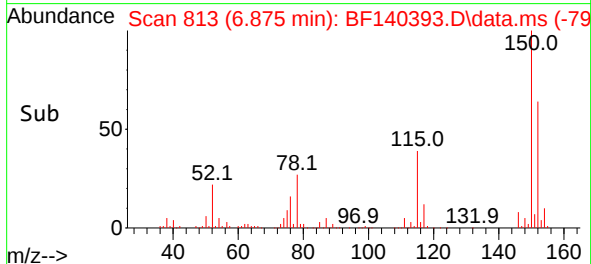
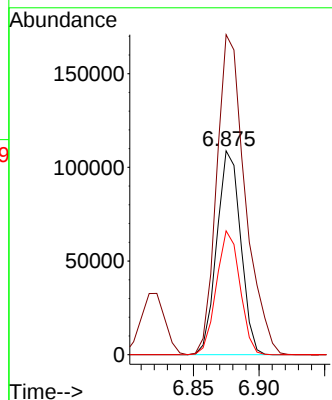
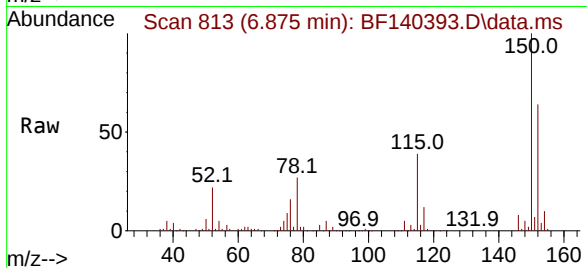




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140393.D
 Acq: 15 Nov 2024 10:34

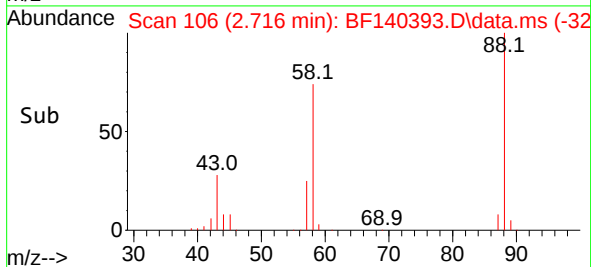
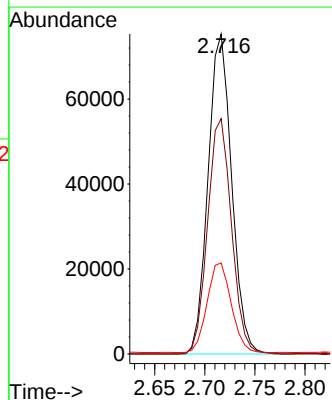
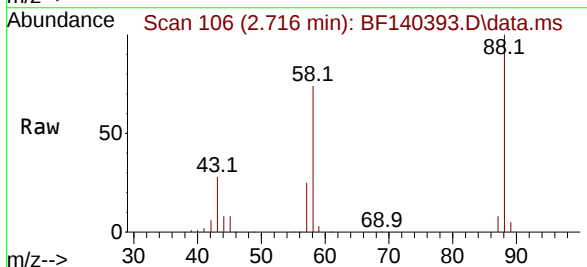
Instrument :
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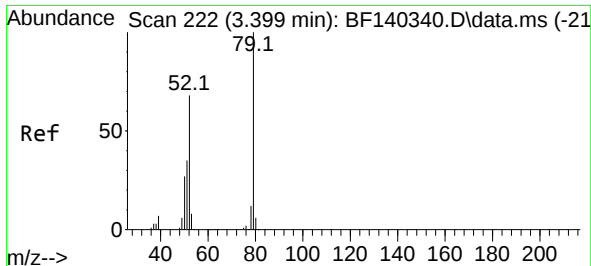
Tgt Ion:152 Resp: 137404
 Ion Ratio Lower Upper
 152 100
 150 157.0 127.4 191.0
 115 60.8 47.4 71.2



#2
 1,4-Dioxane
 Concen: 34.456 ng
 RT: 2.716 min Scan# 106
 Delta R.T. 0.082 min
 Lab File: BF140393.D
 Acq: 15 Nov 2024 10:34

Tgt Ion: 88 Resp: 123586
 Ion Ratio Lower Upper
 88 100
 58 74.4 59.5 89.3
 43 28.6 23.4 35.2





#3

Pyridine

Concen: 37.594 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

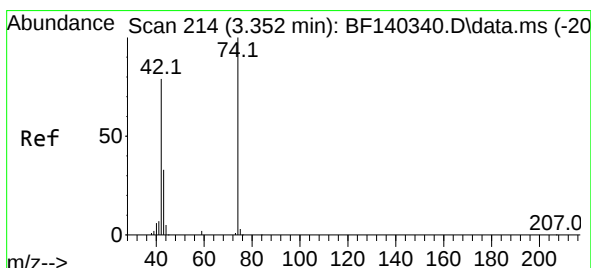
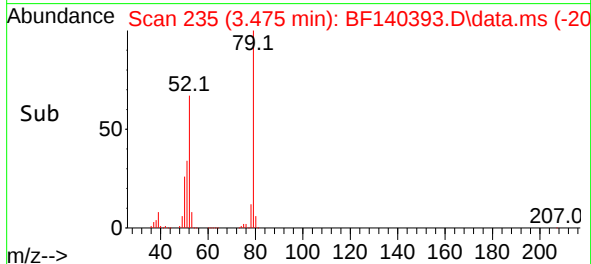
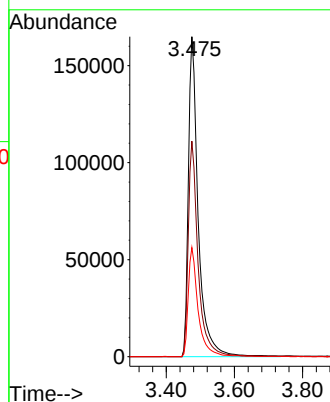
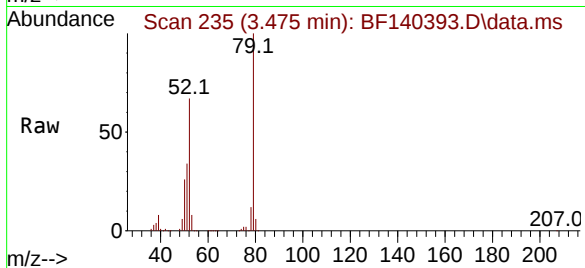
Tgt Ion: 79 Resp: 331501

Ion Ratio Lower Upper

79 100

52 67.4 53.8 80.6

51 34.1 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 42.318 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.071 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

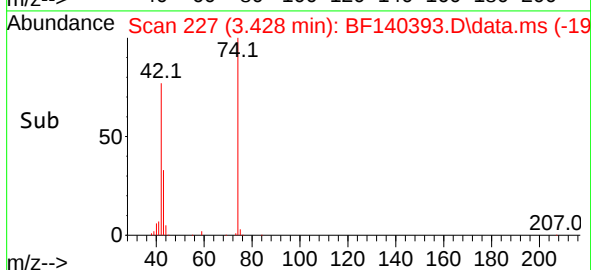
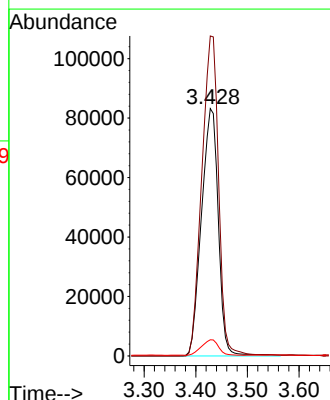
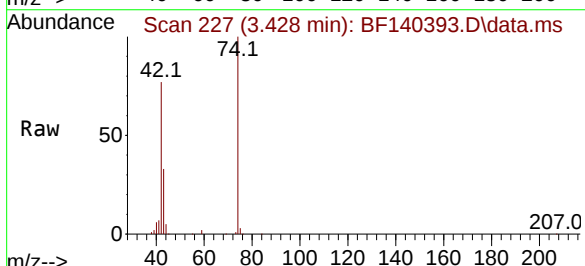
Tgt Ion: 42 Resp: 188597

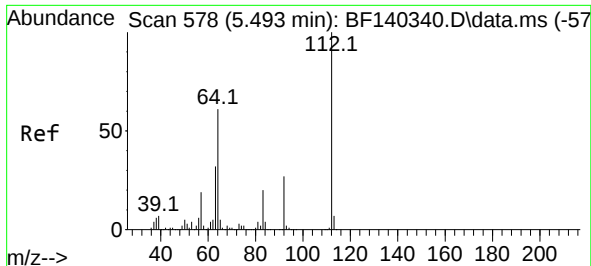
Ion Ratio Lower Upper

42 100

74 129.4 103.5 155.3

44 6.6 5.1 7.7

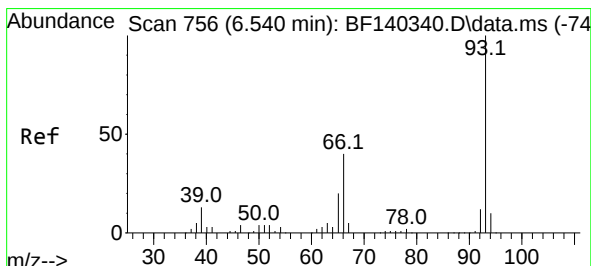
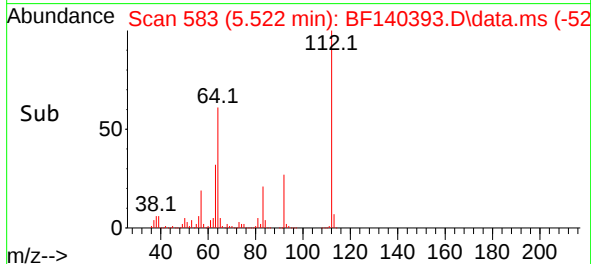
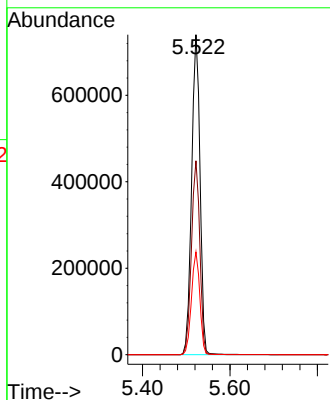
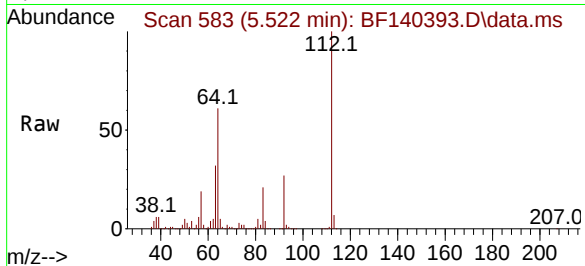




#5
2-Fluorophenol
Concen: 123.029 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

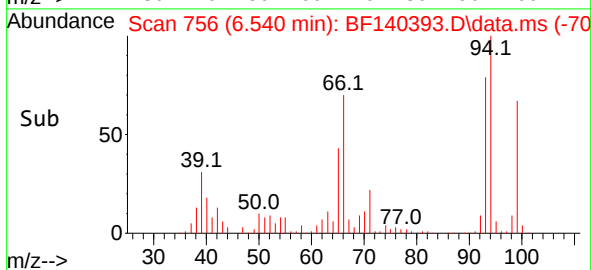
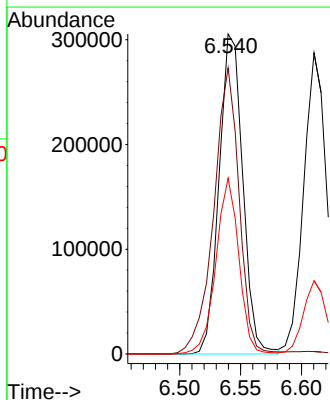
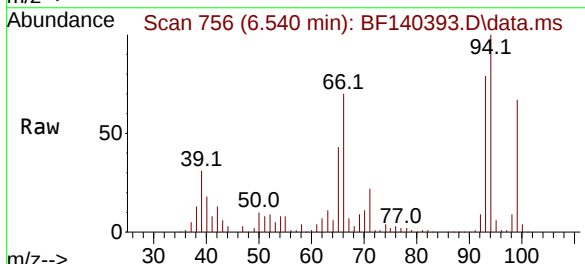
Instrument :
BNA_F
ClientSampleId :
PB164789BS

Tgt Ion:112 Resp: 990091
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 32.1 25.6 38.4



#6
Aniline
Concen: 43.655 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion: 93 Resp: 414064
Ion Ratio Lower Upper
93 100
66 89.4 32.8 49.2#
65 54.9 16.6 25.0#





#7

Phenol-d6

Concen: 117.428 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.024 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

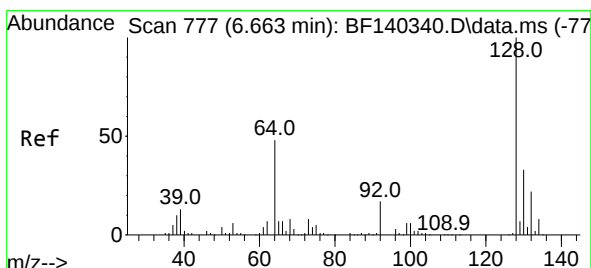
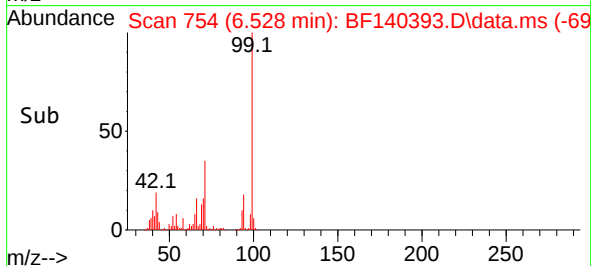
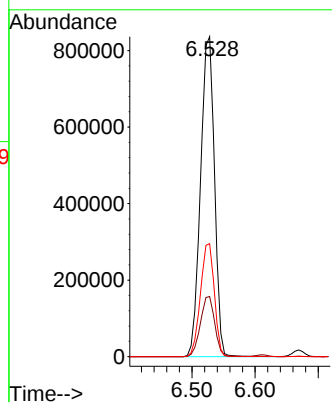
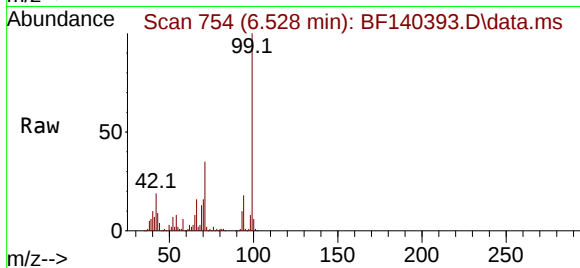
Tgt Ion: 99 Resp: 1280343

Ion Ratio Lower Upper

99 100

42 18.8 15.1 22.7

71 35.3 27.9 41.9



#8

2-Chlorophenol

Concen: 44.176 ng

RT: 6.669 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

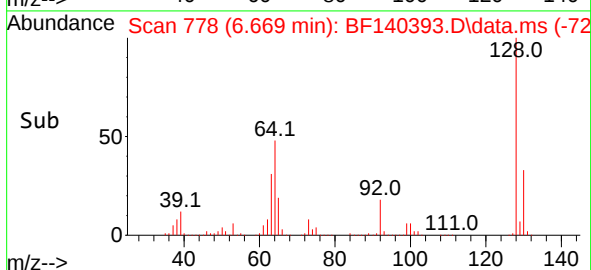
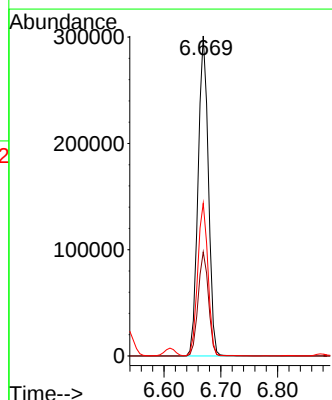
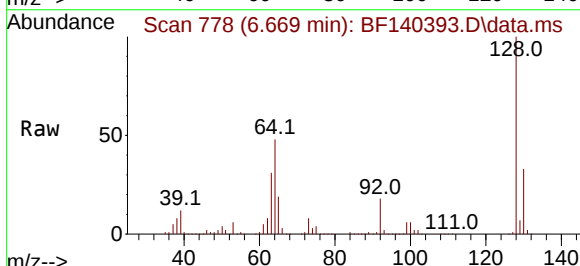
Tgt Ion:128 Resp: 381885

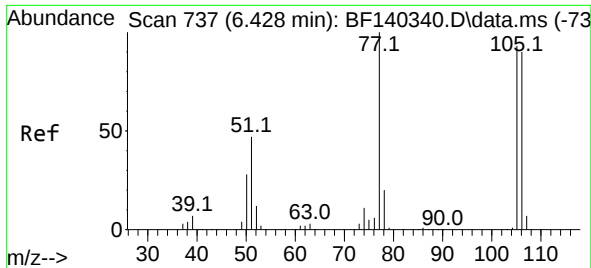
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 47.7 30.2 70.2

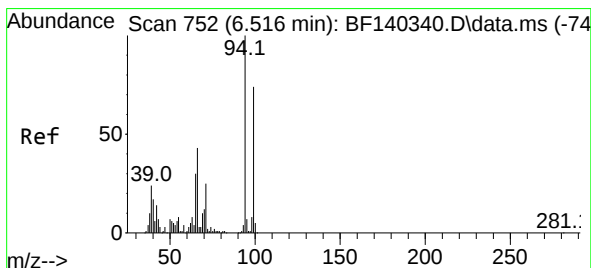
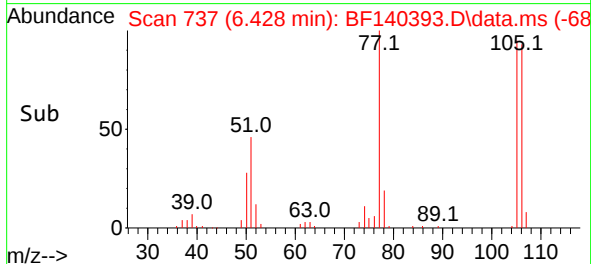
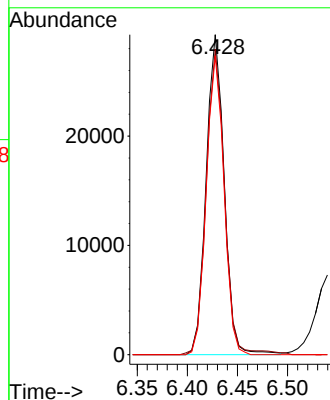
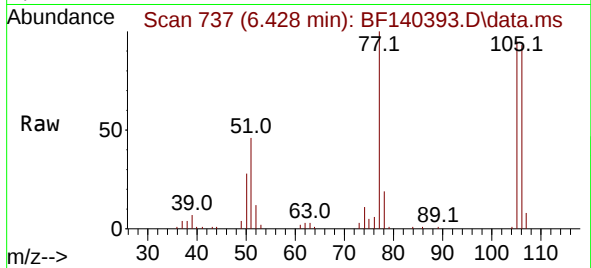




#9
Benzaldehyde
Concen: 5.631 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

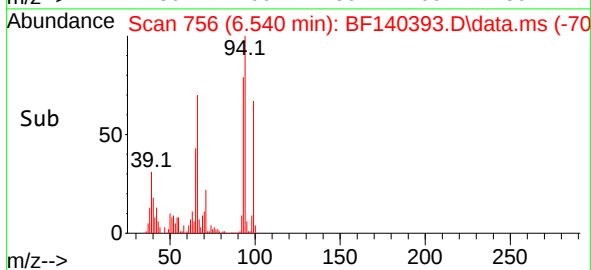
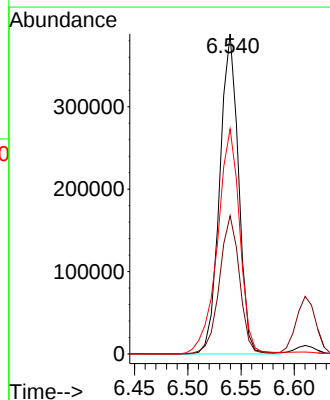
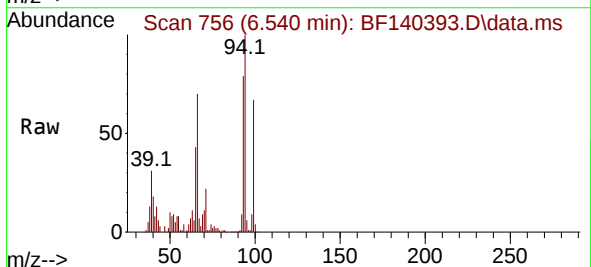
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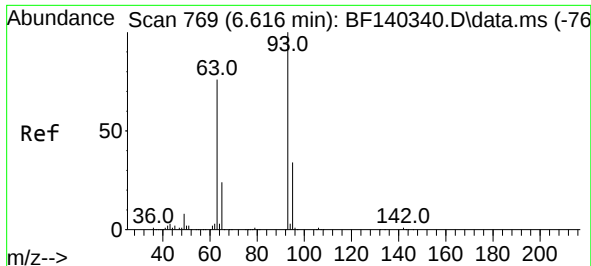
Tgt Ion:	77	Resp:	36794
Ion	Ratio	Lower	Upper
77	100		
105	95.5	74.4	114.4
106	93.4	69.9	109.9



#10
Phenol
Concen: 41.250 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.018 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:	94	Resp:	474305
Ion	Ratio	Lower	Upper
94	100		
65	43.2	10.4	50.4
66	70.3	22.9	62.9

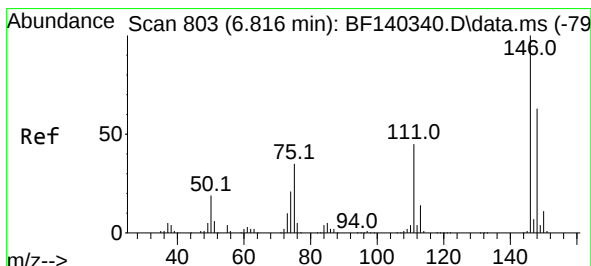
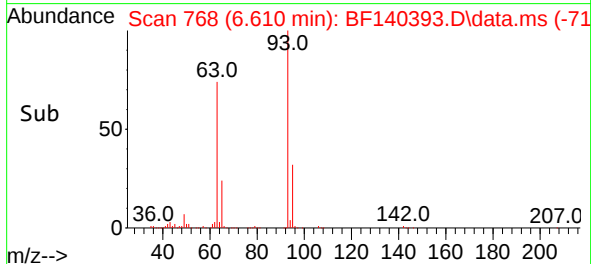
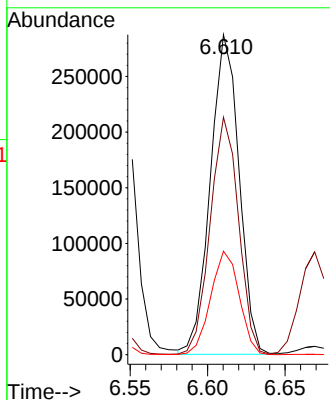
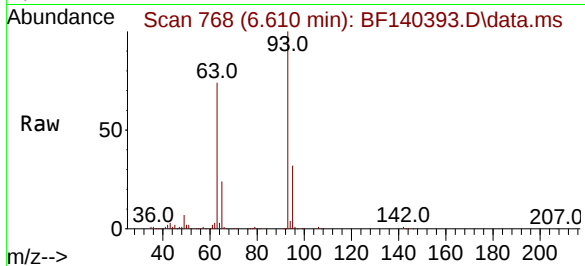




#11
bis(2-Chloroethyl)ether
Concen: 42.587 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

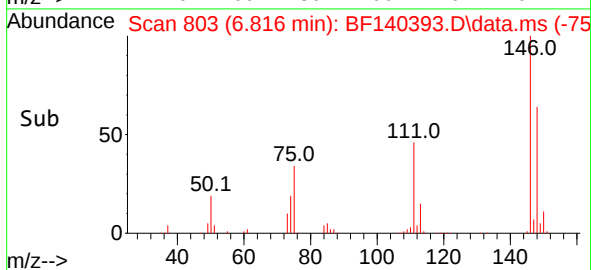
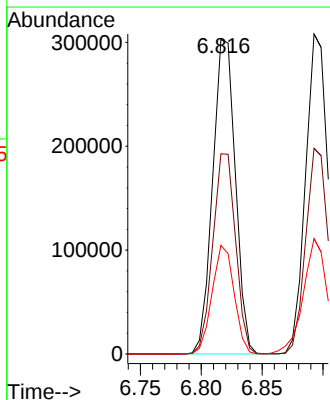
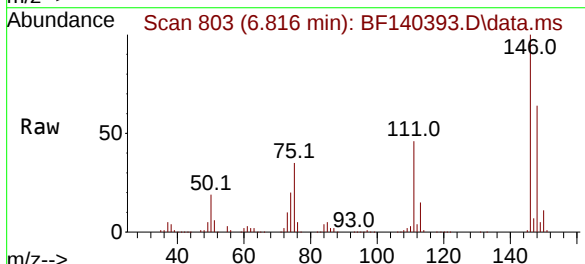
Instrument :
BNA_F
ClientSampleId :
PB164789BS

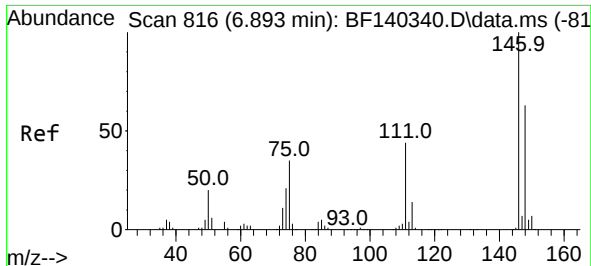
Tgt Ion: 93 Resp: 371031
Ion Ratio Lower Upper
93 100
63 74.2 54.0 94.0
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.272 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:146 Resp: 393660
Ion Ratio Lower Upper
146 100
148 63.7 50.7 76.1
75 34.6 26.4 39.6

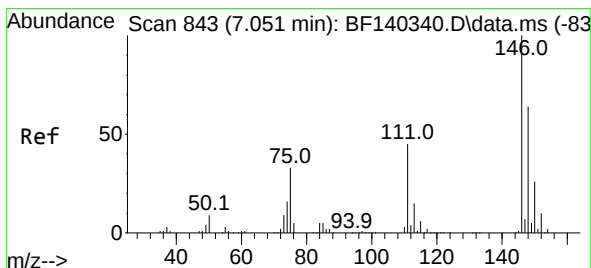
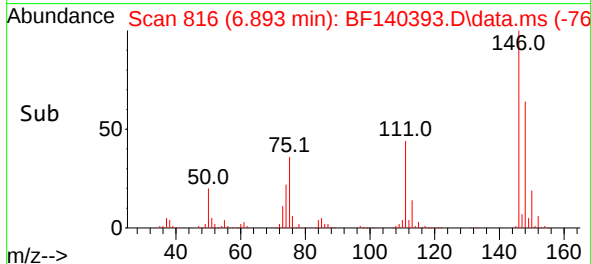
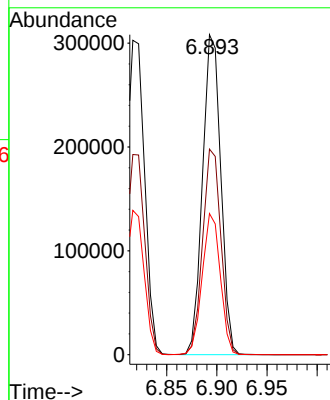
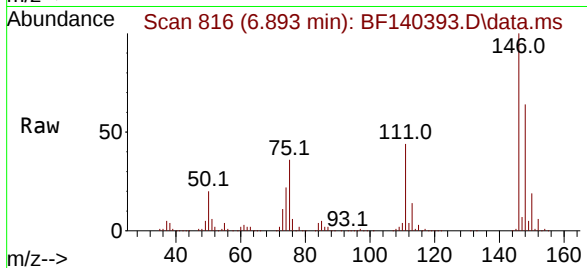




#13
1,4-Dichlorobenzene
Concen: 40.605 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

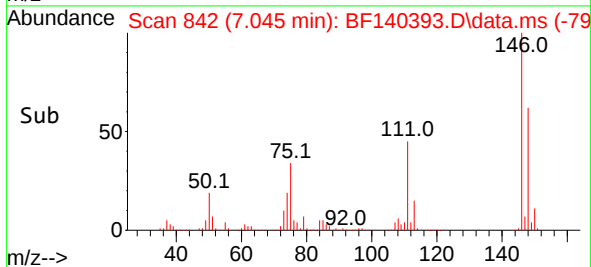
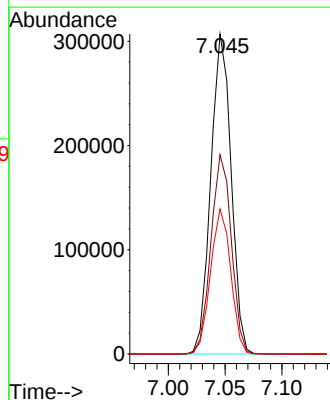
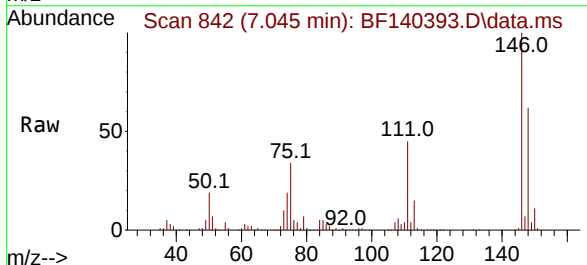
Instrument :
BNA_F
ClientSampleId :
PB164789BS

Tgt Ion:146 Resp: 392709
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
111 44.1 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 42.568 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:146 Resp: 382193
Ion Ratio Lower Upper
146 100
148 62.3 51.2 76.8
111 45.3 36.5 54.7

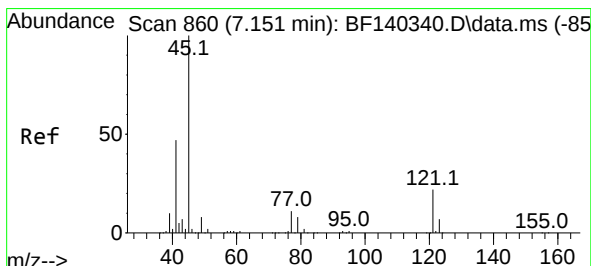
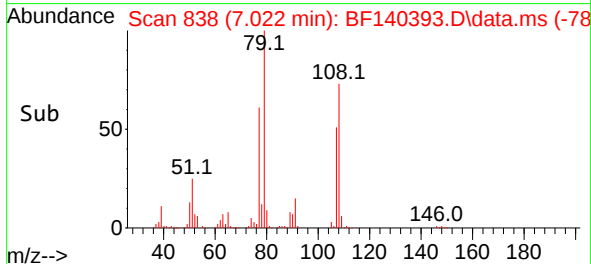
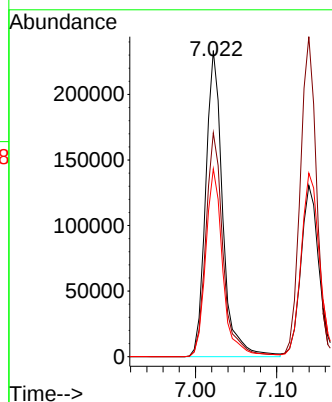
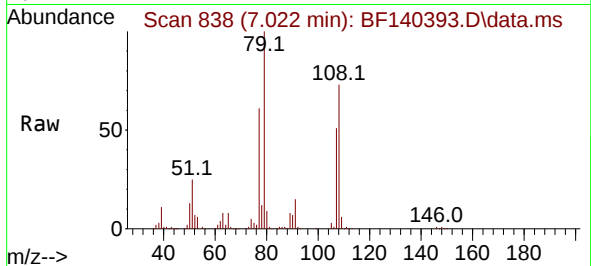




#15
Benzyl Alcohol
Concen: 43.174 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

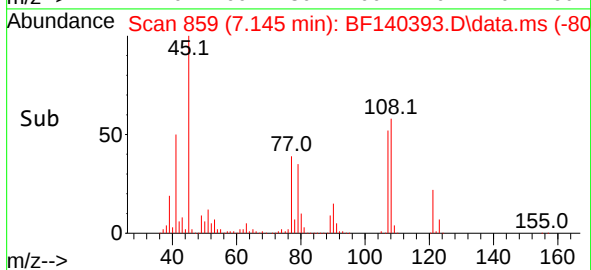
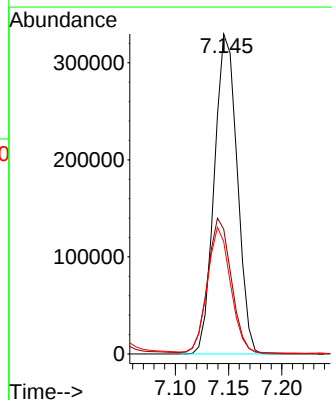
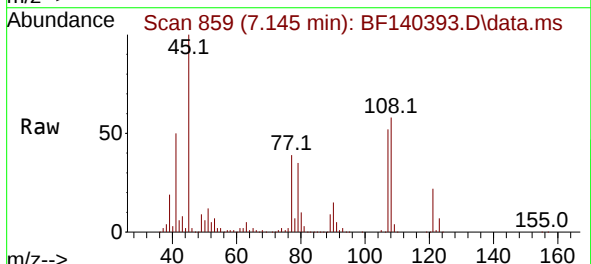
Instrument :
BNA_F
ClientSampleId :
PB164789BS

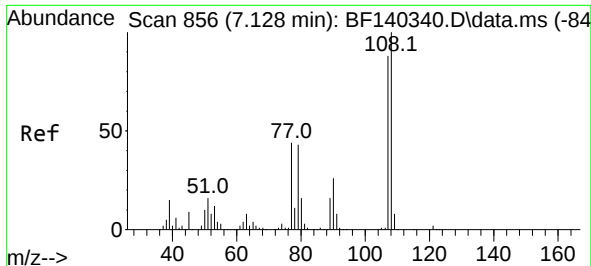
Tgt Ion: 79 Resp: 339155
Ion Ratio Lower Upper
79 100
108 73.1 57.8 86.6
77 61.4 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.734 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

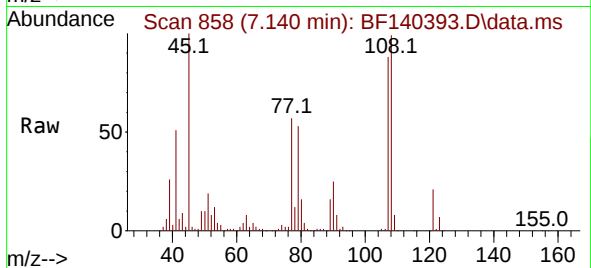
Tgt Ion: 45 Resp: 490201
Ion Ratio Lower Upper
45 100
77 39.0 0.0 34.8#
79 35.1 0.0 31.4#



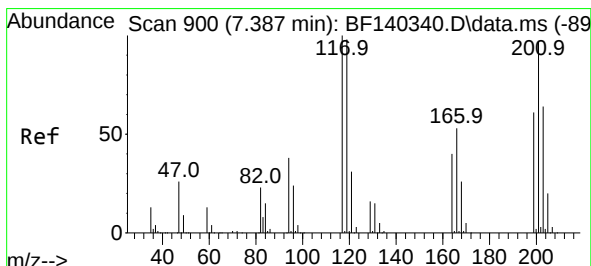
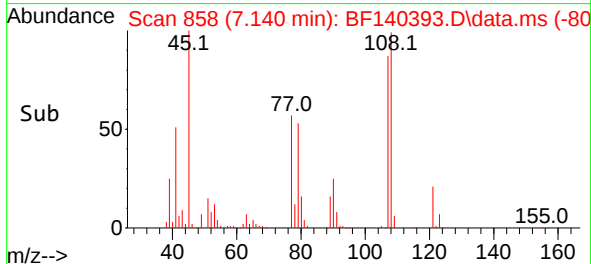
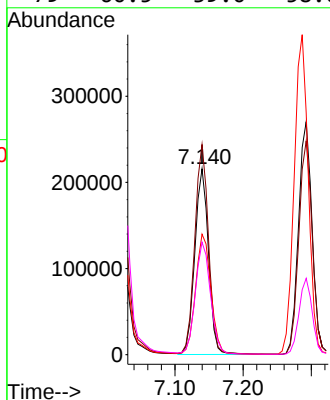


#17
2-Methylphenol
Concen: 42.288 ng
RT: 7.140 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :
BNA_F
ClientSampleId :
PB164789BS

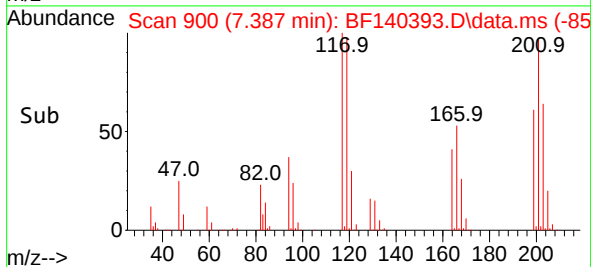
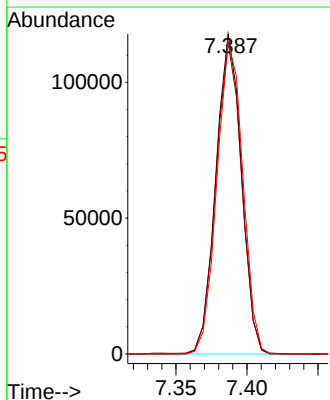
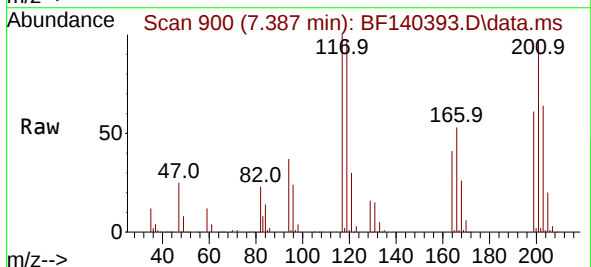


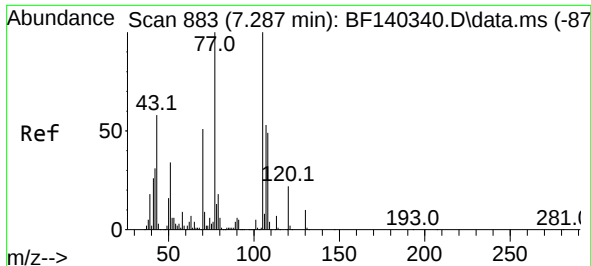
Tgt Ion:107 Resp: 300730
Ion Ratio Lower Upper
107 100
108 113.0 91.9 137.9
77 64.8 39.7 59.5#
79 60.5 39.0 58.6#



#18
Hexachloroethane
Concen: 41.086 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:117 Resp: 146897
Ion Ratio Lower Upper
117 100
119 97.2 76.9 115.3
201 97.5 80.2 120.4



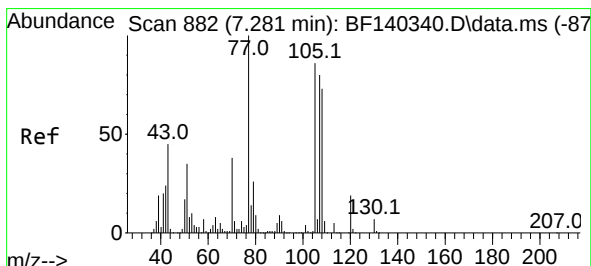
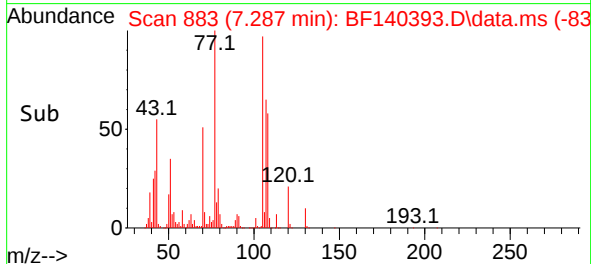
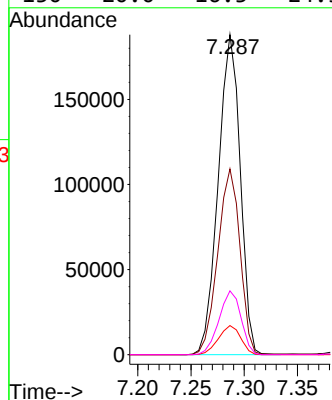
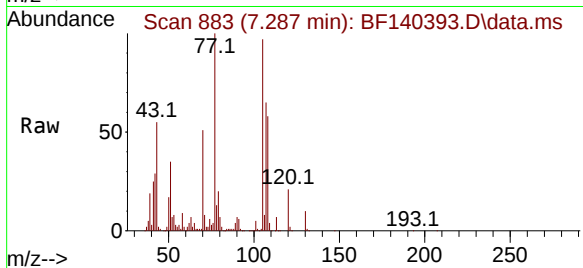


#19
n-Nitroso-di-n-propylamine
Concen: 40.994 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :
BNA_F
ClientSampleId :
PB164789BS

Tgt Ion: 70 Resp: 269948

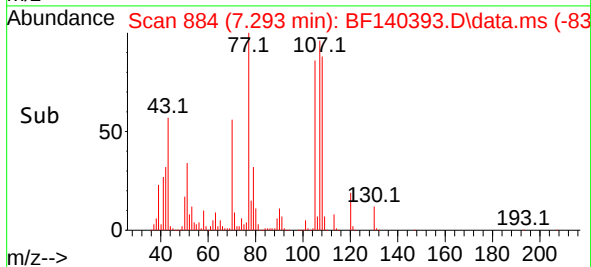
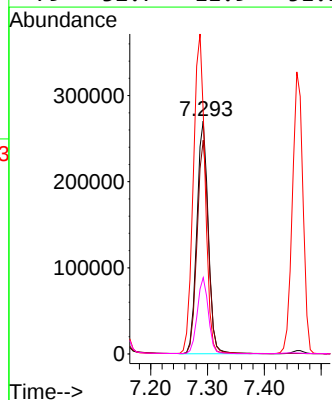
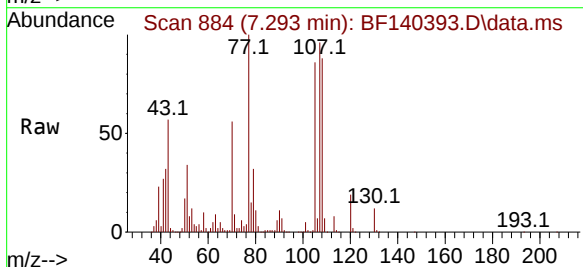
Ion	Ratio	Lower	Upper
70	100		
42	58.1	46.8	70.2
101	9.1	7.5	11.3
130	20.0	16.3	24.5

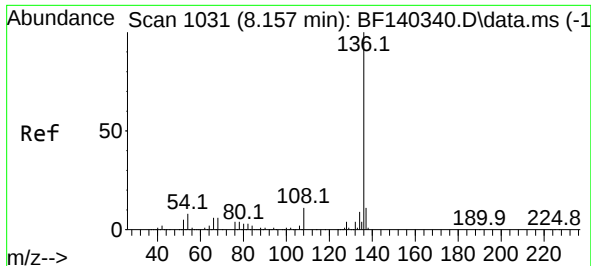


#20
3+4-Methylphenols
Concen: 42.510 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion: 107 Resp: 378063

Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.4	111.4
77	103.8	97.0	137.0
79	32.7	11.9	51.9



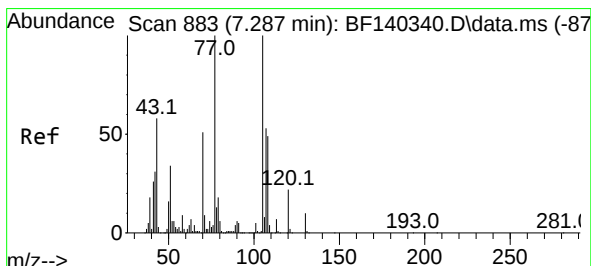
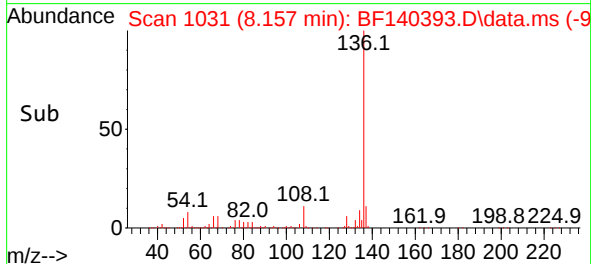
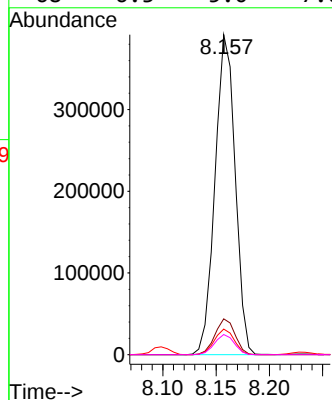
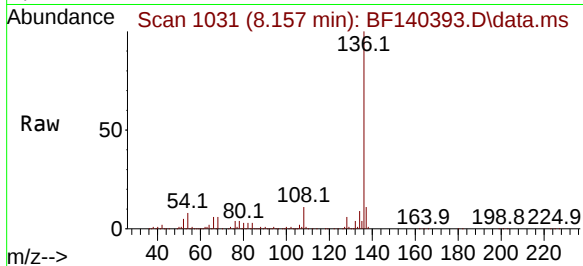


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Instrument :
BNA_F
ClientSampleId :
PB164789BS

Tgt Ion:136 Resp: 514072

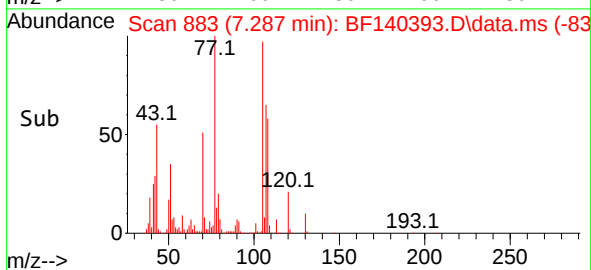
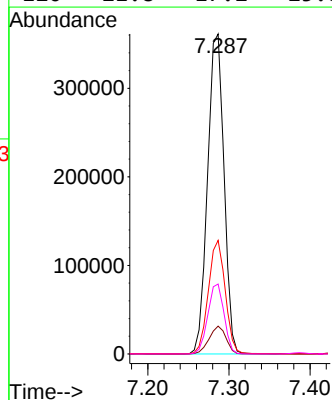
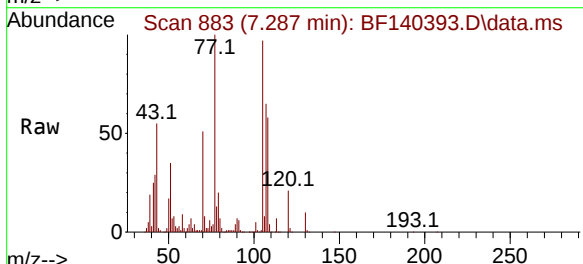
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.0	6.5	9.7
68	6.3	5.0	7.6



#22
Acetophenone
Concen: 42.458 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:105 Resp: 507637

Ion	Ratio	Lower	Upper
105	100		
71	8.7	6.9	10.3
51	35.5	28.6	43.0
120	21.8	17.2	25.8

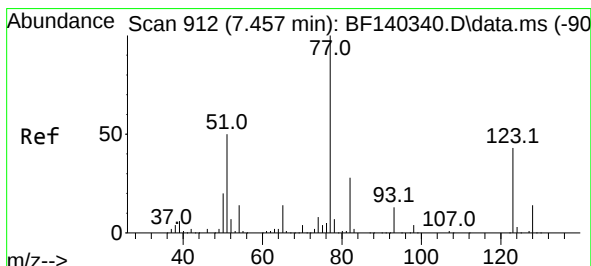
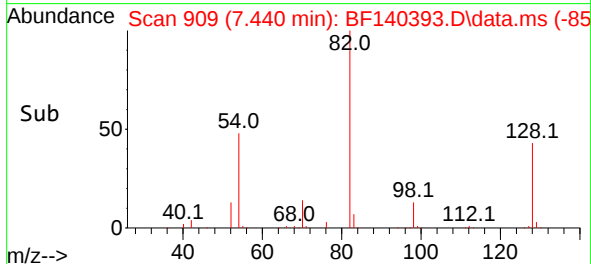
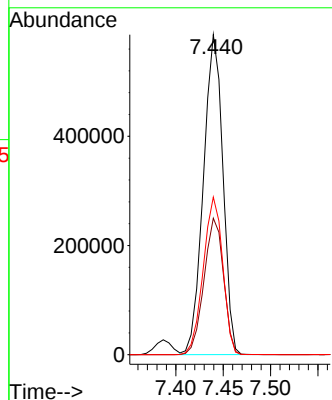
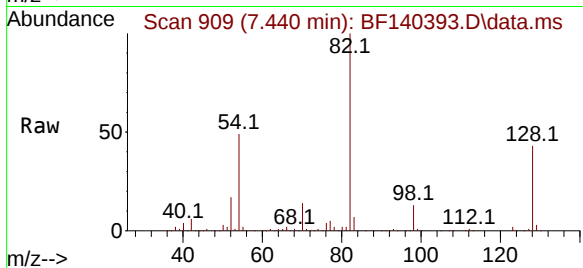




#23
Nitrobenzene-d5
Concen: 84.791 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

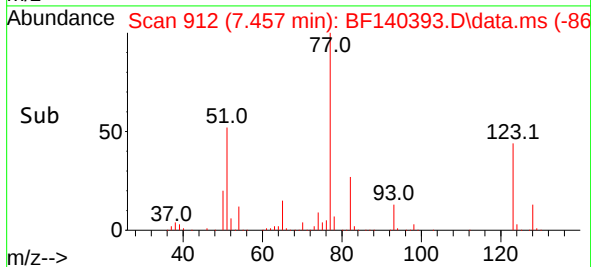
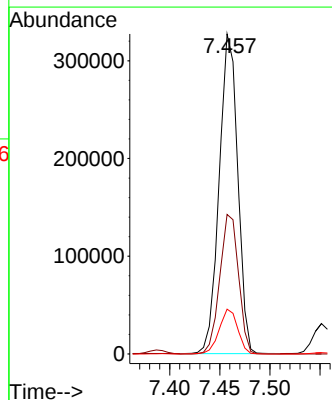
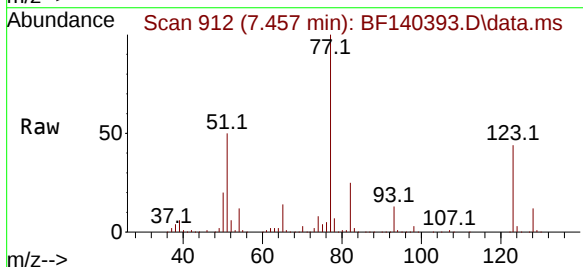
Instrument :
BNA_F
ClientSampleId :
PB164789BS

Tgt Ion: 82 Resp: 836591
Ion Ratio Lower Upper
82 100
128 42.7 33.3 49.9
54 49.3 39.8 59.8



#24
Nitrobenzene
Concen: 40.860 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion: 77 Resp: 419739
Ion Ratio Lower Upper
77 100
123 43.6 35.4 53.0
65 14.0 11.1 16.7

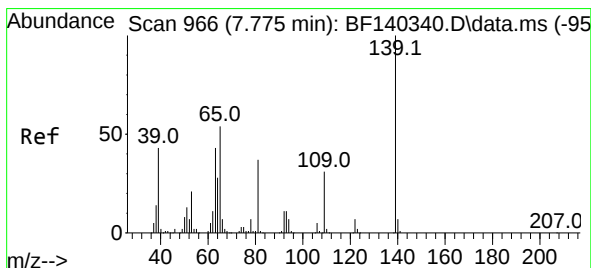
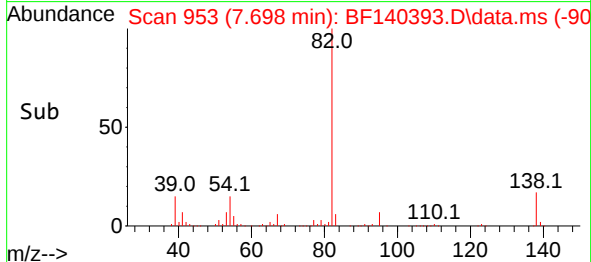
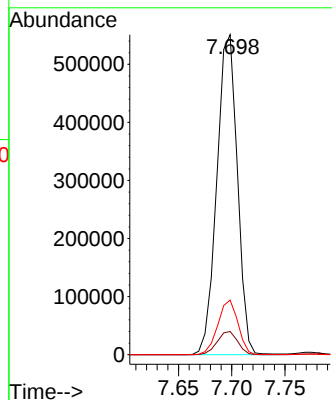
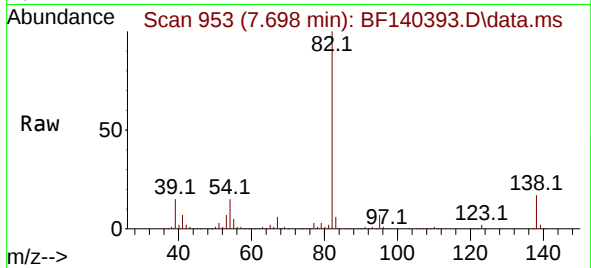




#25
Isophorone
Concen: 42.227 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

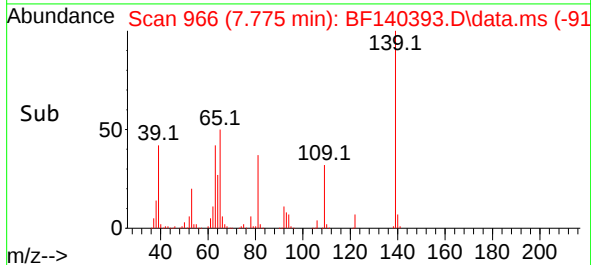
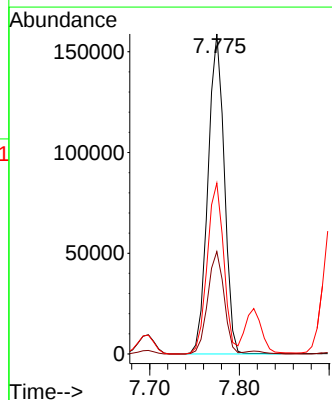
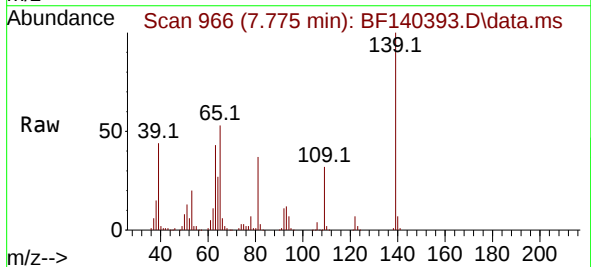
Instrument :
BNA_F
ClientSampleId :
PB164789BS

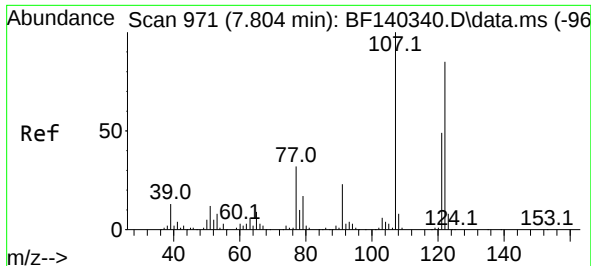
Tgt Ion: 82 Resp: 738403
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 17.1 13.4 20.2



#26
2-Nitrophenol
Concen: 43.987 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:139 Resp: 200521
Ion Ratio Lower Upper
139 100
109 32.0 24.4 36.6
65 53.4 42.8 64.2

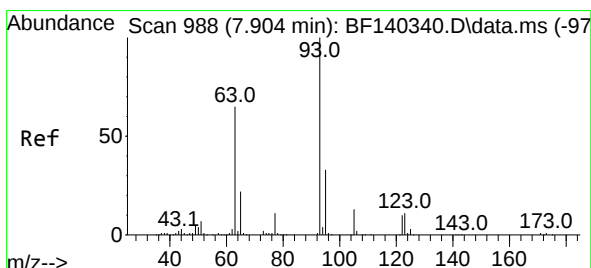
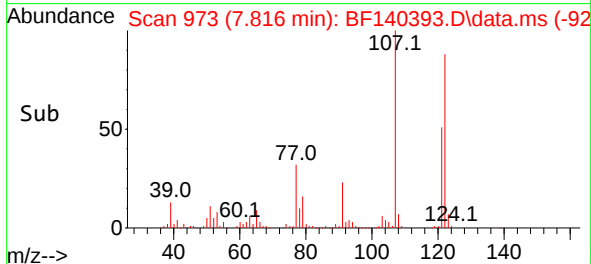
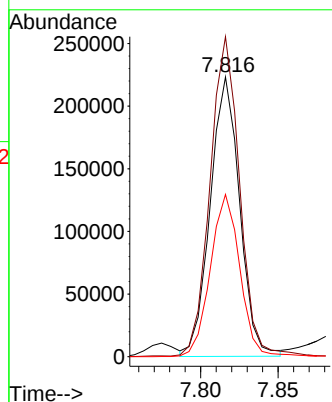
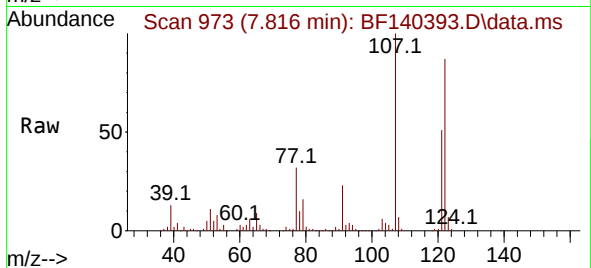




#27
2,4-Dimethylphenol
Concen: 50.427 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

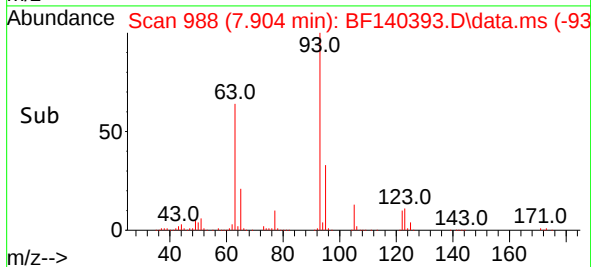
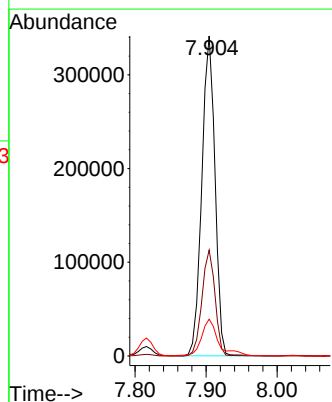
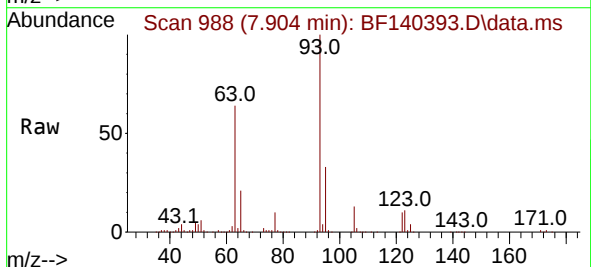
Instrument :
BNA_F
ClientSampleId :
PB164789BS

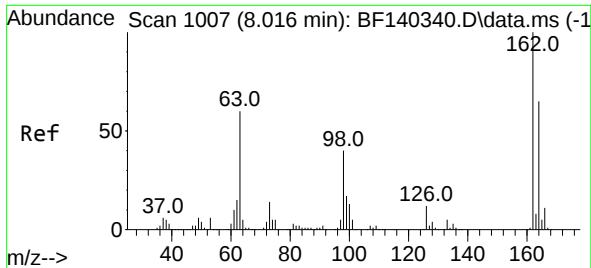
Tgt Ion:122 Resp: 294303
Ion Ratio Lower Upper
122 100
107 114.4 91.3 136.9
121 58.0 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.125 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion: 93 Resp: 440947
Ion Ratio Lower Upper
93 100
95 33.1 25.9 38.9
123 11.5 9.2 13.8

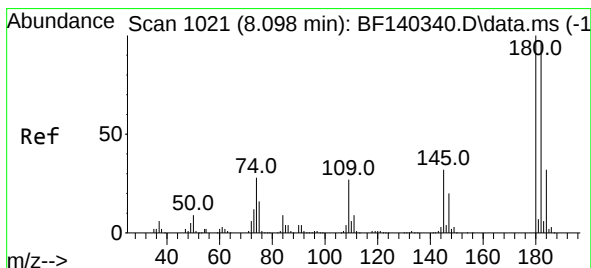
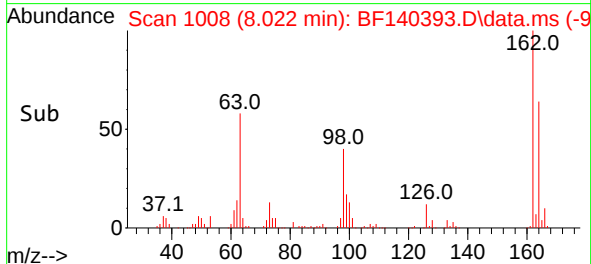
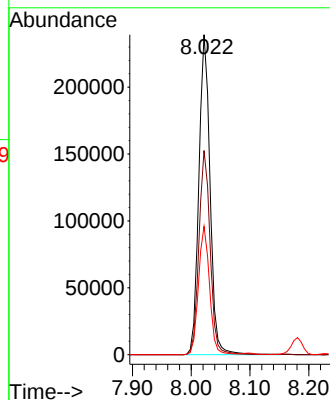
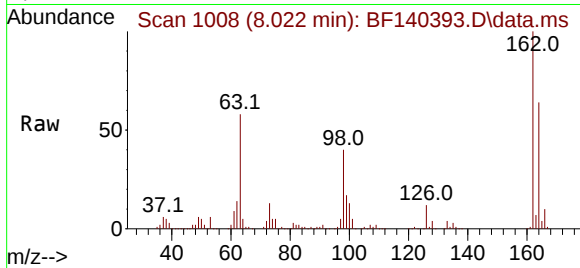




#29
2,4-Dichlorophenol
Concen: 43.869 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

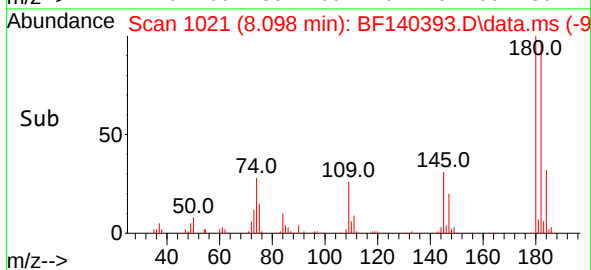
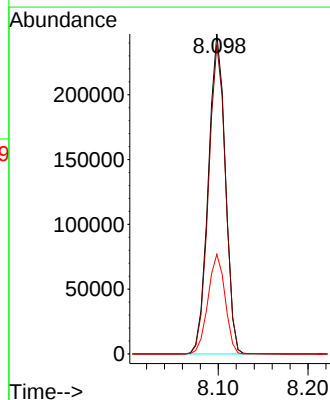
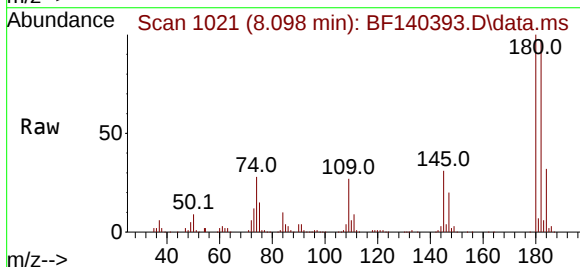
Instrument :
BNA_F
ClientSampleId :
PB164789BS

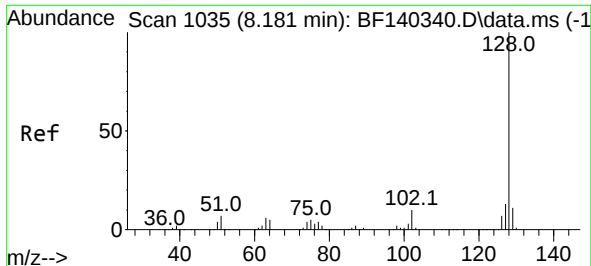
Tgt Ion:162 Resp: 316416
Ion Ratio Lower Upper
162 100
164 63.8 45.4 85.4
98 40.1 19.9 59.9



#30
1,2,4-Trichlorobenzene
Concen: 40.338 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:180 Resp: 323921
Ion Ratio Lower Upper
180 100
182 96.7 76.5 114.7
145 31.2 25.3 37.9

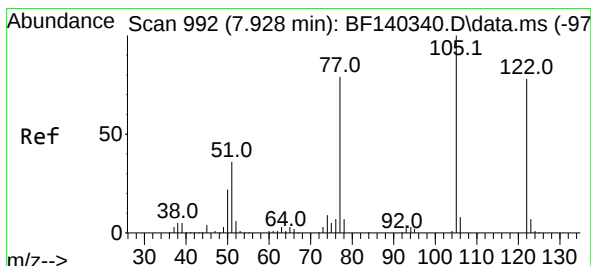
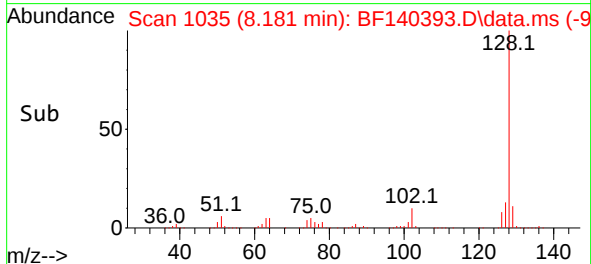
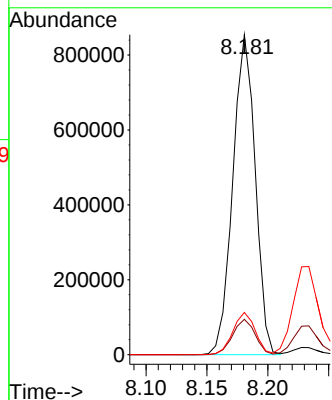
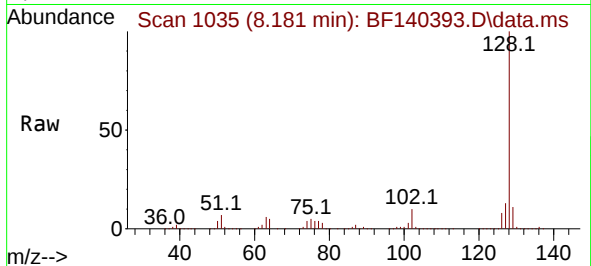




#31
Naphthalene
Concen: 41.927 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

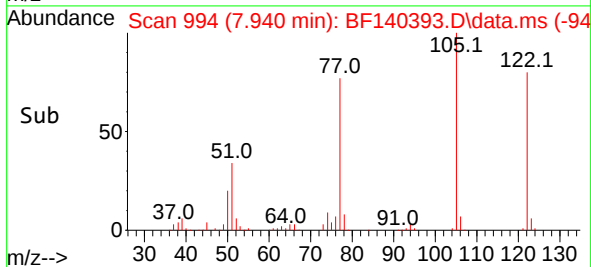
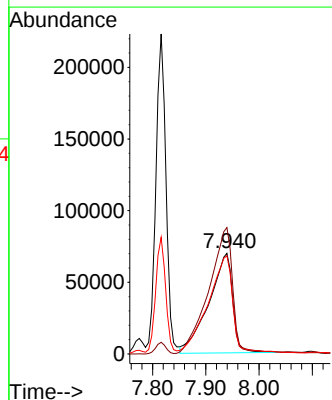
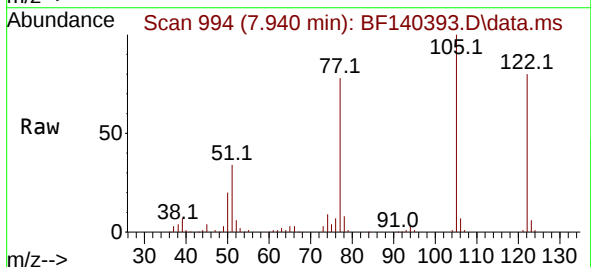
Instrument :
BNA_F
ClientSampleId :
PB164789BS

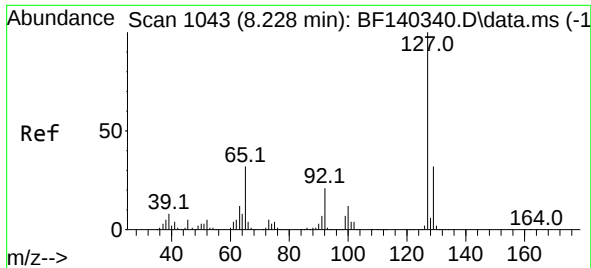
Tgt Ion:128 Resp: 1093375
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 42.040 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:122 Resp: 215893
Ion Ratio Lower Upper
122 100
105 125.7 100.9 140.9
77 97.6 76.0 116.0

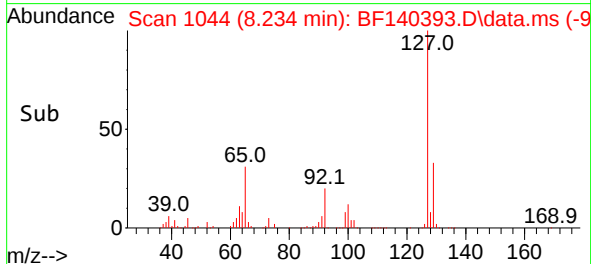
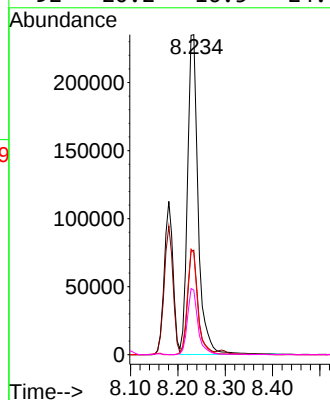
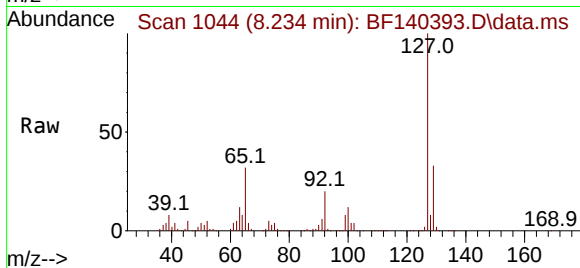




#33
4-Chloroaniline
Concen: 40.278 ng
RT: 8.234 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

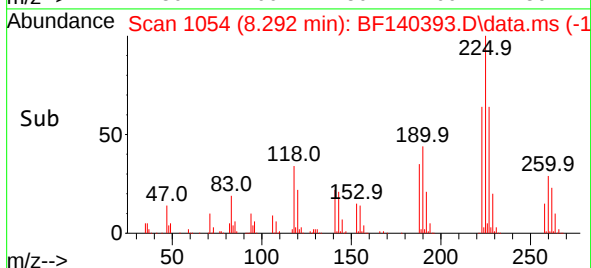
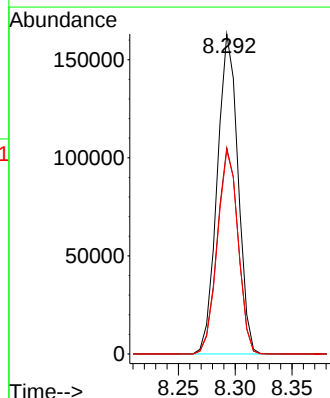
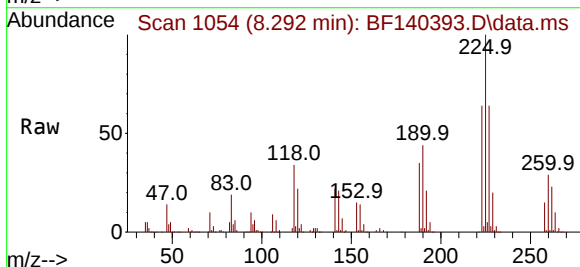
Instrument :
BNA_F
ClientSampleId :
PB164789BS

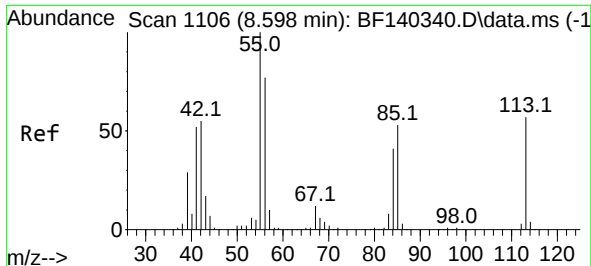
Tgt Ion:	127	Resp:	365292
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.2	39.4
65	31.8	25.8	38.6
92	20.2	16.5	24.7



#34
Hexachlorobutadiene
Concen: 40.548 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:	225	Resp:	207460
Ion Ratio	Lower	Upper	
225	100		
223	64.4	50.1	75.1
227	63.7	51.3	76.9

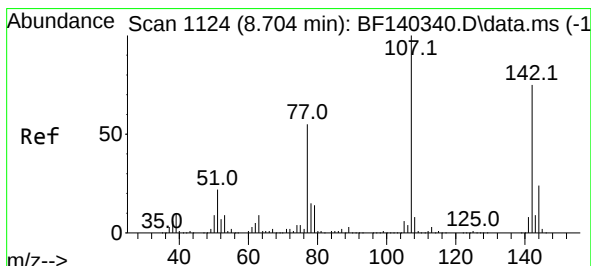
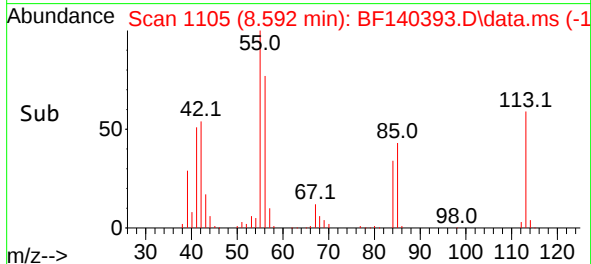
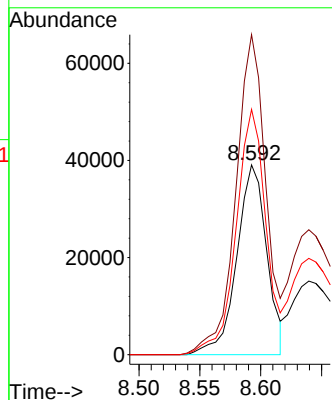
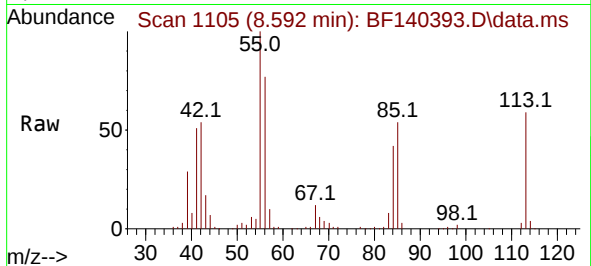




#35
 Caprolactam
 Concen: 27.971 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF140393.D
 Acq: 15 Nov 2024 10:34

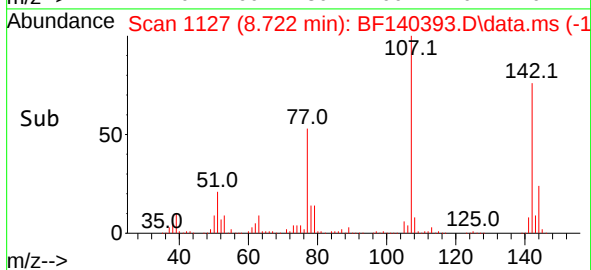
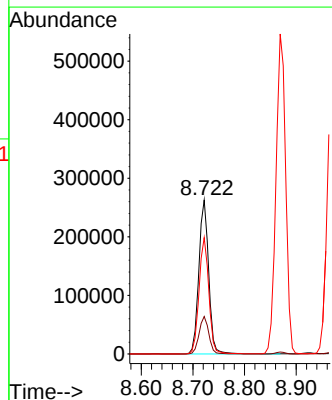
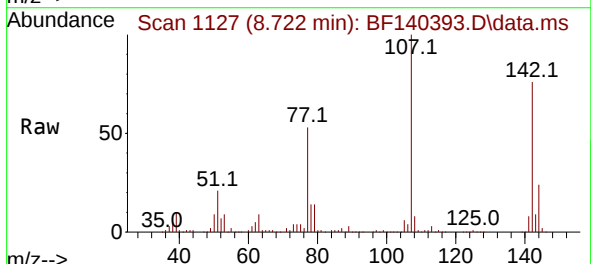
Instrument :
 BNA_F
 ClientSampleId :
 PB164789BS

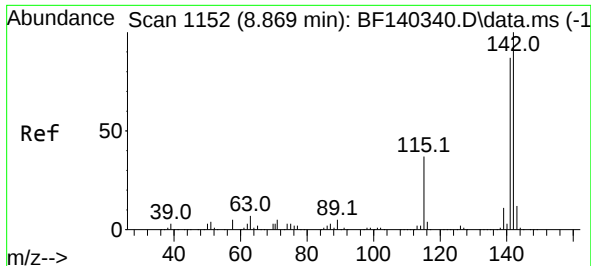
Tgt Ion:113 Resp: 67055
 Ion Ratio Lower Upper
 113 100
 55 168.7 150.0 190.0
 56 129.3 111.1 151.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.523 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.018 min
 Lab File: BF140393.D
 Acq: 15 Nov 2024 10:34

Tgt Ion:107 Resp: 347888
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.3 28.9
 142 75.6 59.4 89.0





#37

2-Methylnaphthalene

Concen: 42.495 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

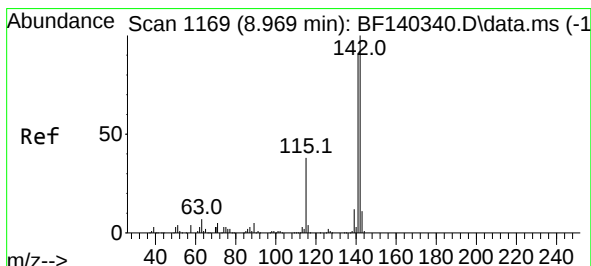
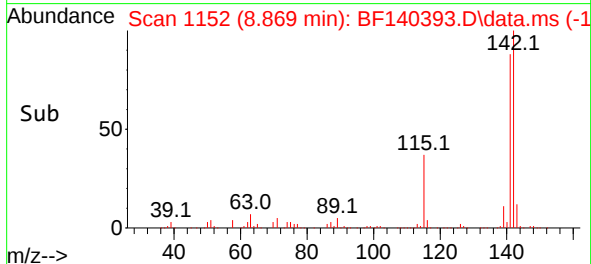
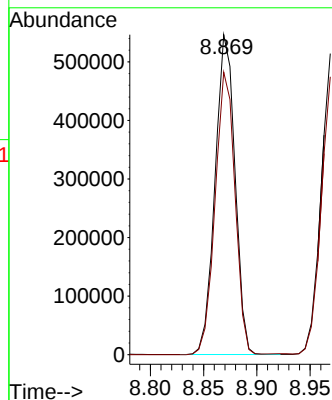
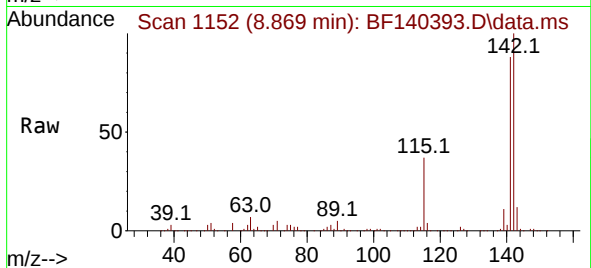
PB164789BS

Tgt Ion:142 Resp: 710588

Ion Ratio Lower Upper

142 100

141 88.3 70.4 105.6



#38

1-Methylnaphthalene

Concen: 40.422 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140393.D

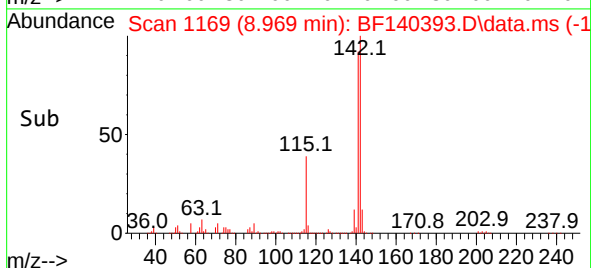
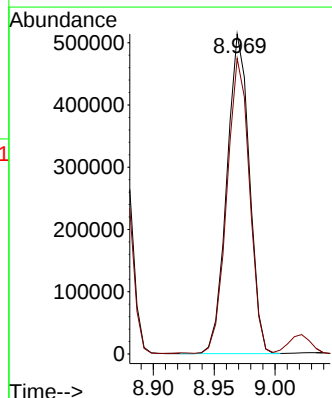
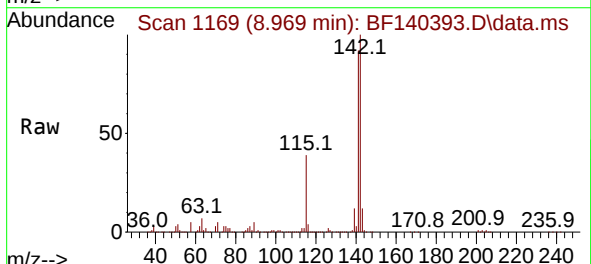
Acq: 15 Nov 2024 10:34

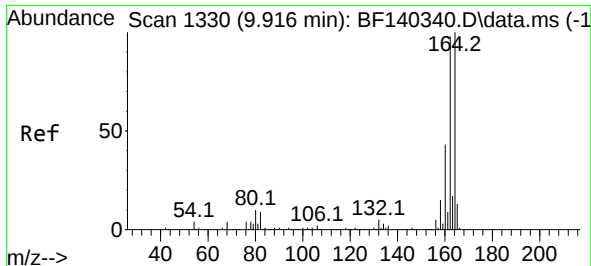
Tgt Ion:142 Resp: 661889

Ion Ratio Lower Upper

142 100

141 92.3 73.6 110.4

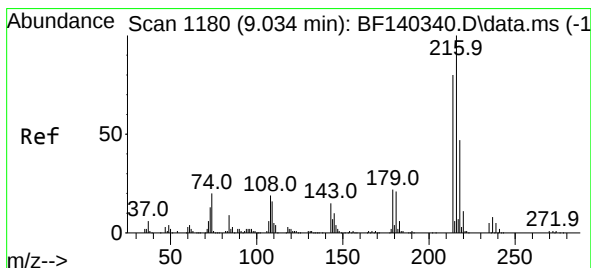
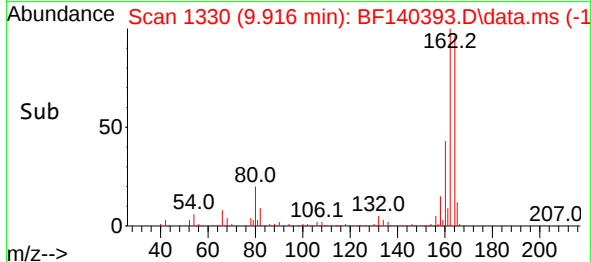
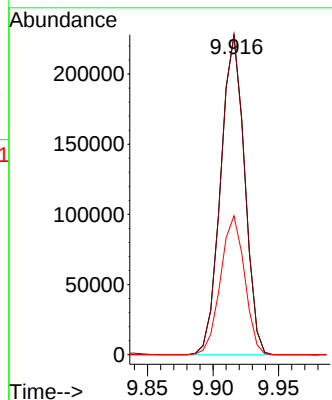
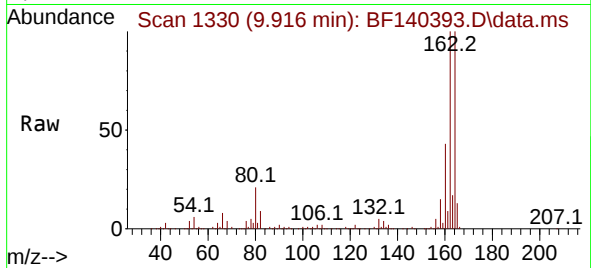




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

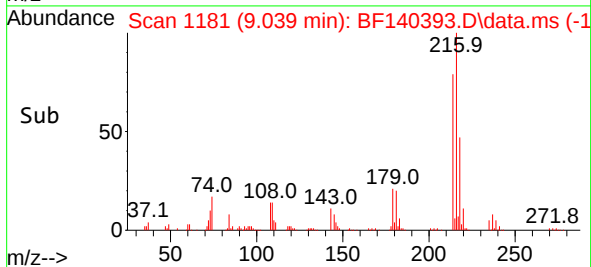
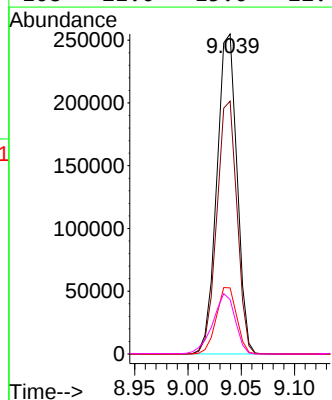
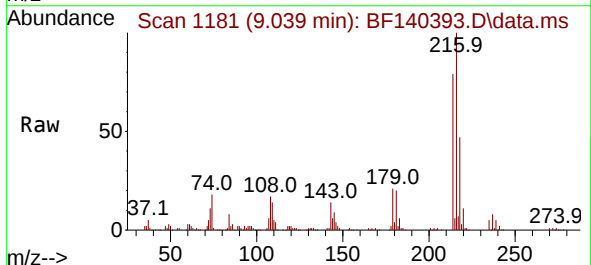
Instrument :
BNA_F
ClientSampleId :
PB164789BS

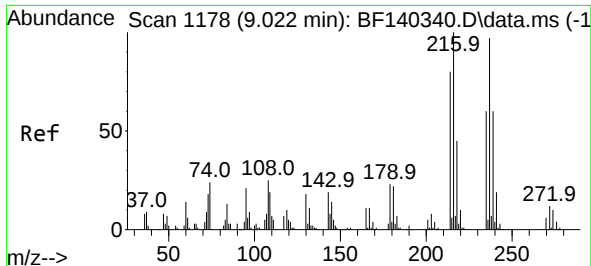
Tgt Ion:164 Resp: 287836
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 43.6 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.130 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:216 Resp: 335342
Ion Ratio Lower Upper
216 100
214 78.9 63.2 94.8
179 20.9 17.2 25.8
108 21.0 15.0 22.4

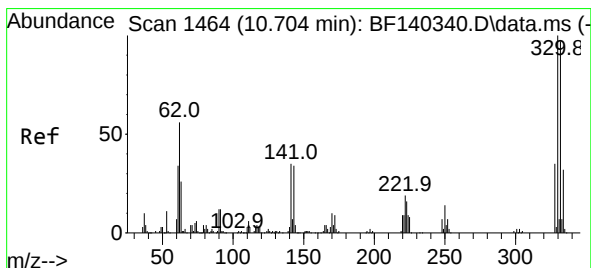
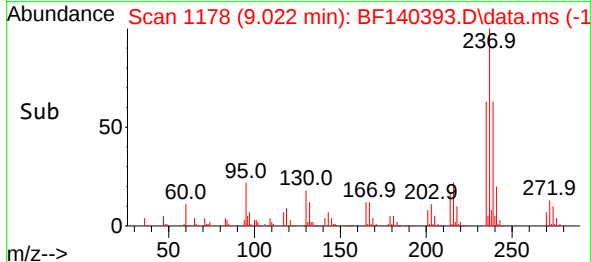
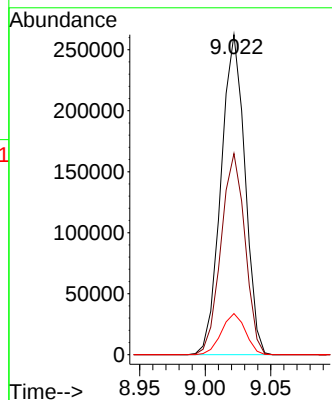
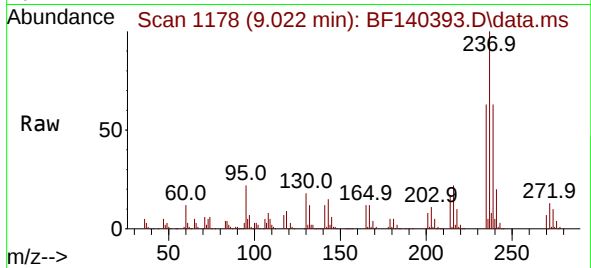




#41
Hexachlorocyclopentadiene
Concen: 162.766 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

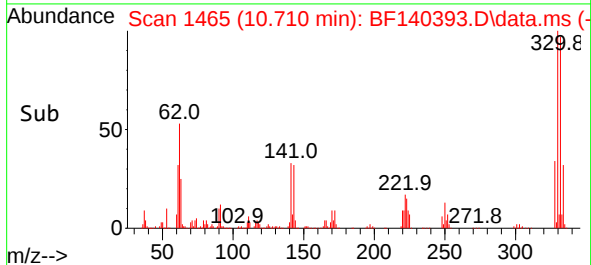
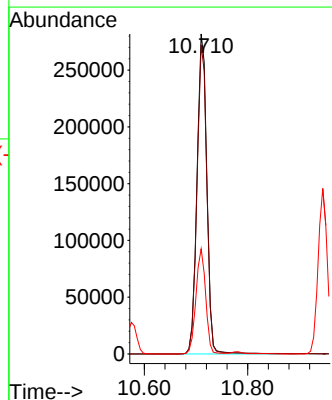
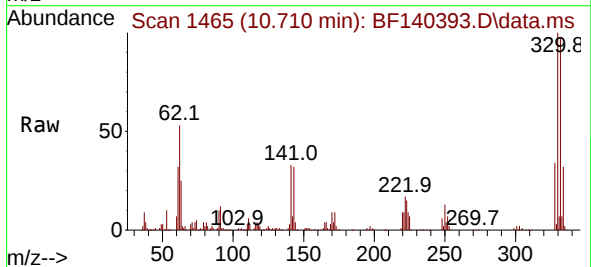
Instrument :
BNA_F
ClientSampleId :
PB164789BS

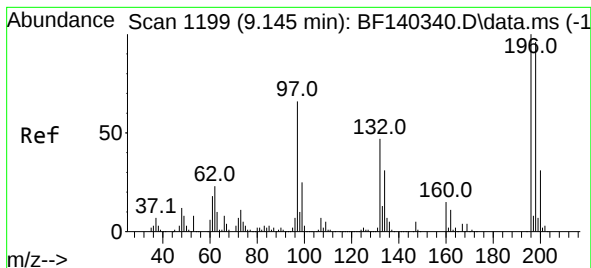
Tgt Ion:237 Resp: 332637
Ion Ratio Lower Upper
237 100
235 62.9 42.8 82.8
272 12.9 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 130.404 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:330 Resp: 373256
Ion Ratio Lower Upper
330 100
332 96.9 75.9 113.9
141 32.4 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 44.078 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

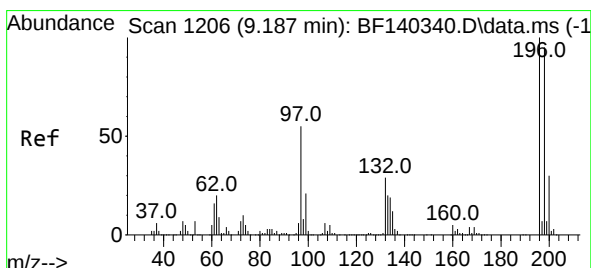
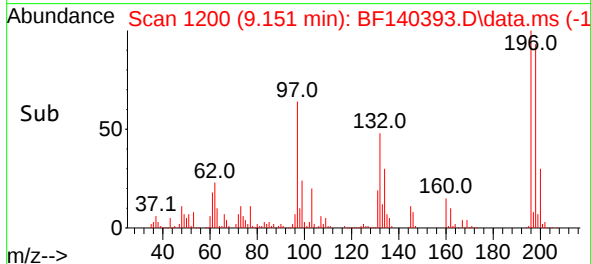
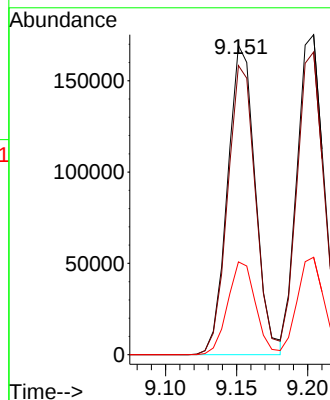
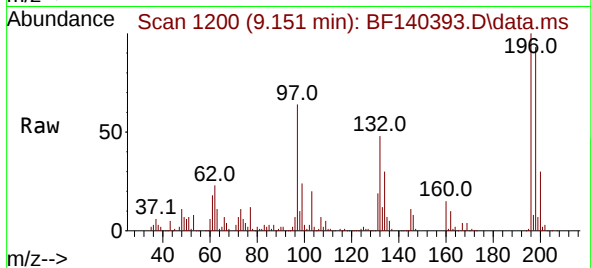
Tgt Ion:196 Resp: 230246

Ion Ratio Lower Upper

196 100

198 93.4 77.0 115.4

200 30.0 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 42.205 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.018 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Tgt Ion:196 Resp: 241036

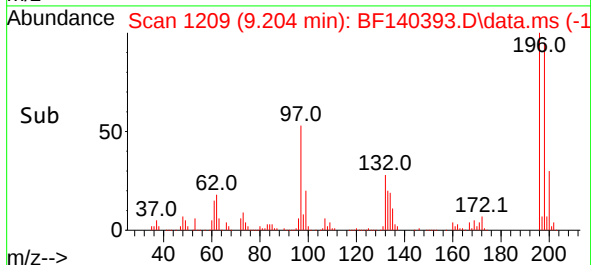
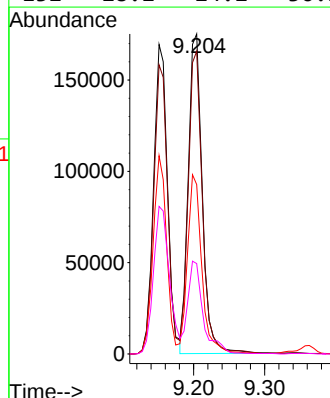
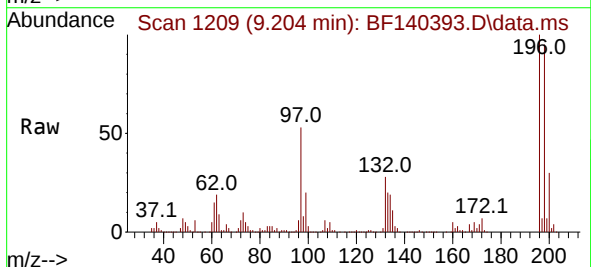
Ion Ratio Lower Upper

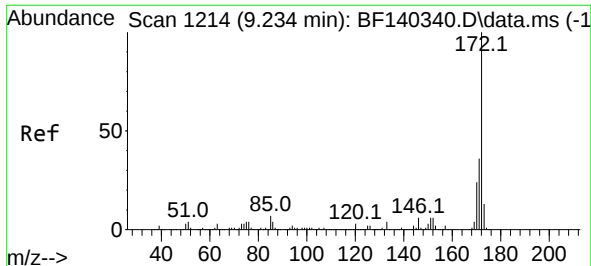
196 100

198 94.6 77.6 116.4

97 53.0 45.4 68.2

132 28.2 24.2 36.2

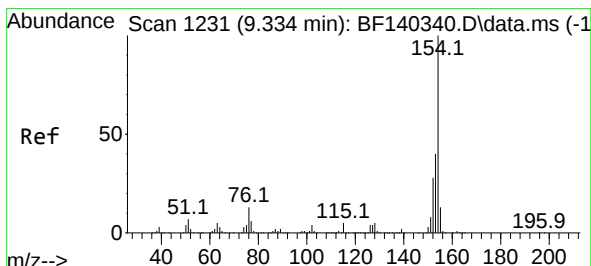
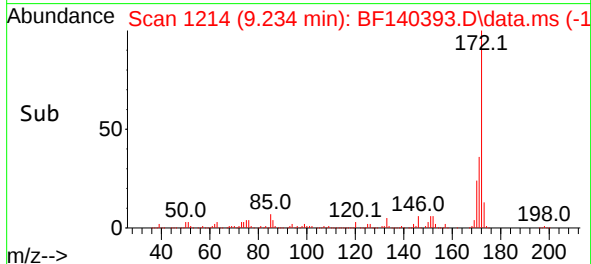
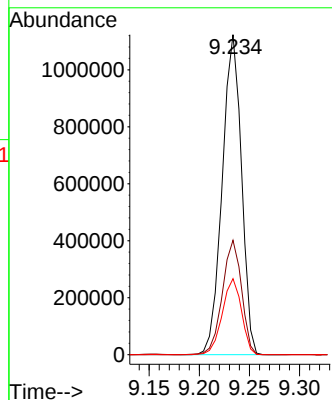
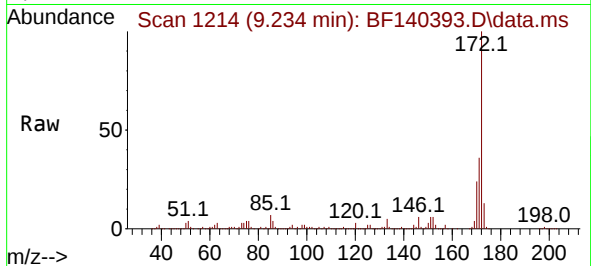




#45
2-Fluorobiphenyl
Concen: 83.665 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

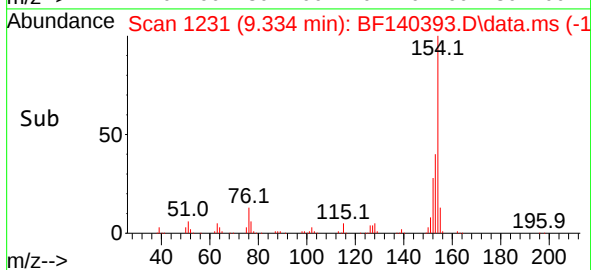
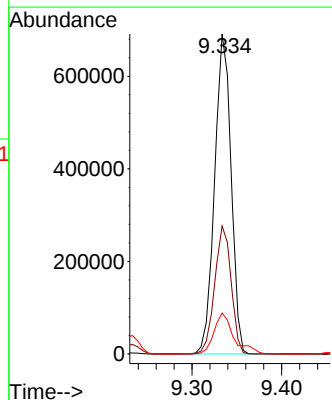
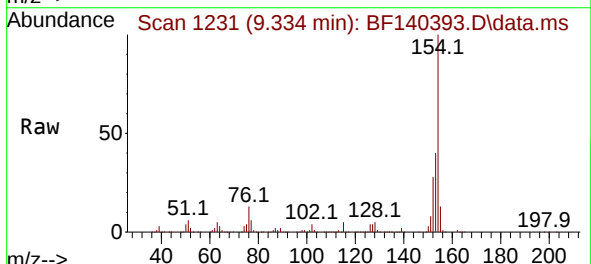
Instrument :
BNA_F
ClientSampleId :
PB164789BS

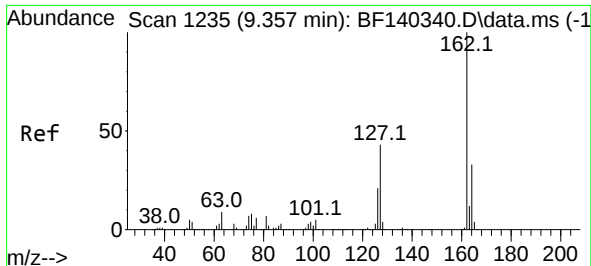
Tgt Ion:172 Resp: 1498050
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 42.036 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:154 Resp: 880236
Ion Ratio Lower Upper
154 100
153 40.0 20.4 60.4
76 12.8 0.0 32.9





#47

2-Chloronaphthalene

Concen: 41.416 ng

RT: 9.363 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

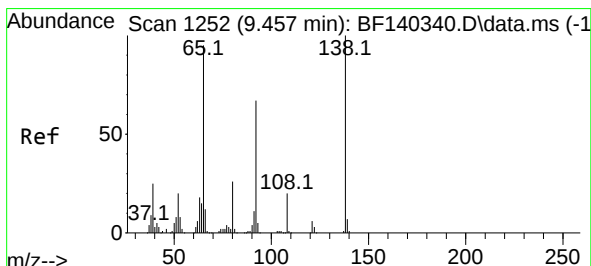
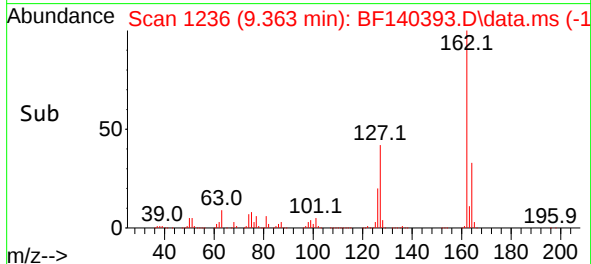
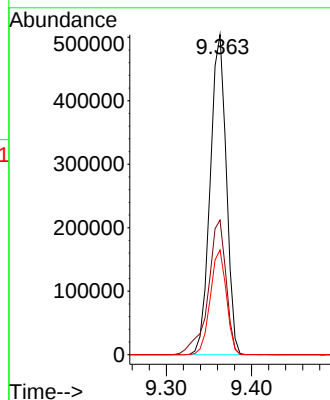
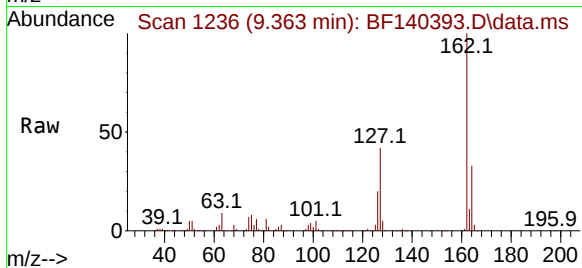
Tgt Ion:162 Resp: 660643

Ion Ratio Lower Upper

162 100

127 42.1 34.0 51.0

164 32.8 26.5 39.7



#48

2-Nitroaniline

Concen: 44.574 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

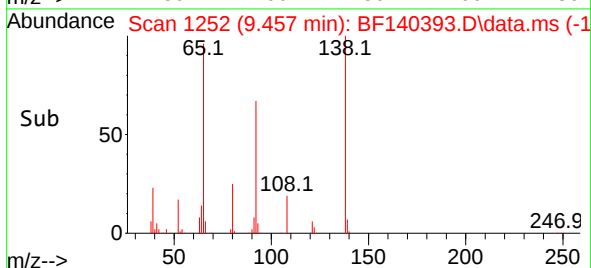
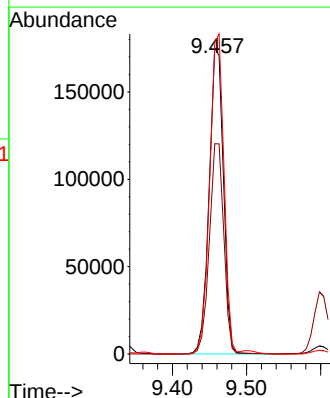
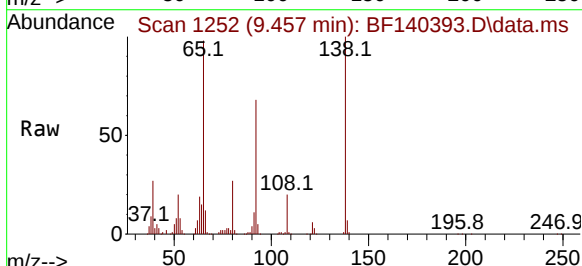
Tgt Ion: 65 Resp: 235801

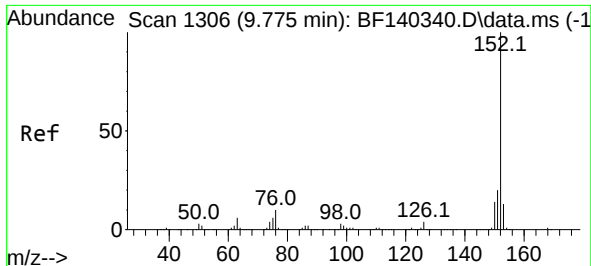
Ion Ratio Lower Upper

65 100

92 68.7 56.4 84.6

138 101.8 84.8 127.2





#49

Acenaphthylene

Concen: 45.646 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

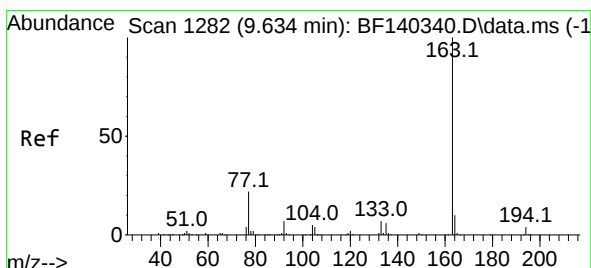
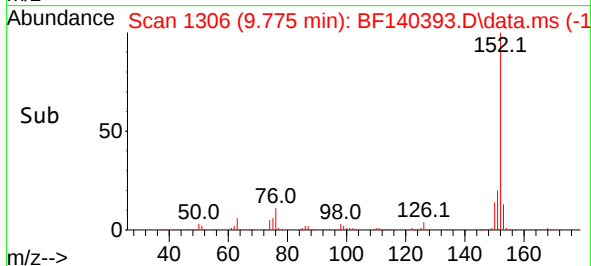
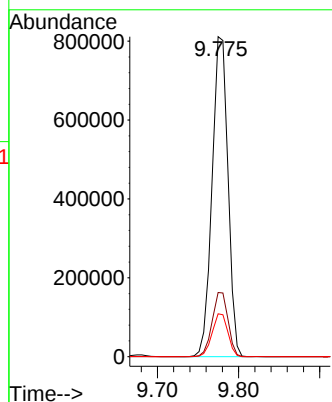
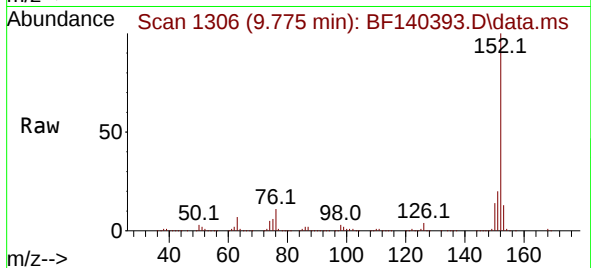
Tgt Ion:152 Resp: 1101638

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 42.538 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

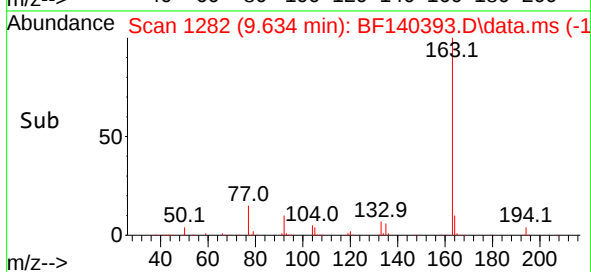
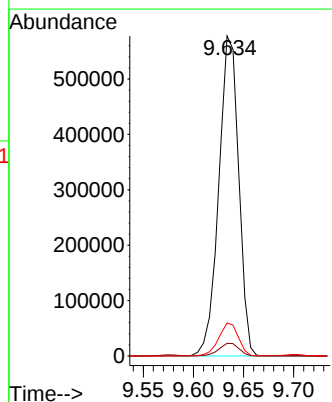
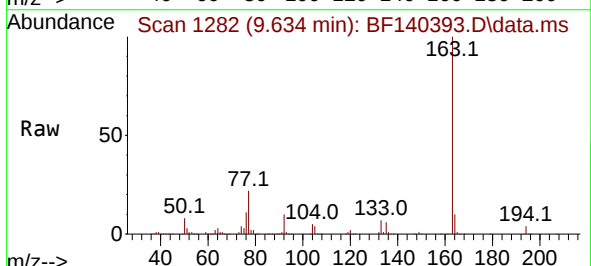
Tgt Ion:163 Resp: 798078

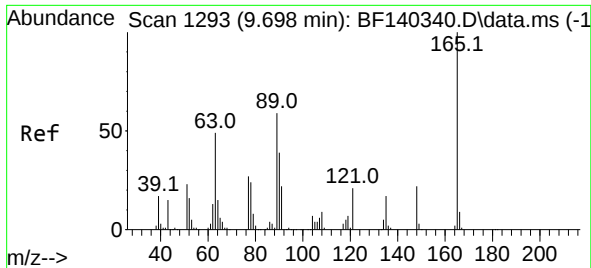
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.3 8.2 12.4

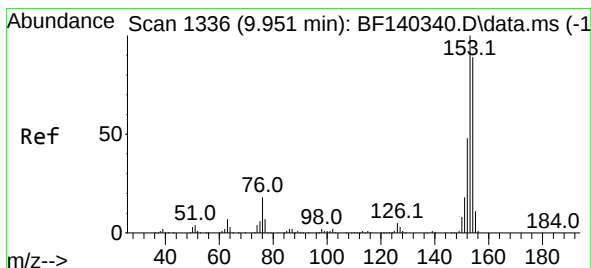
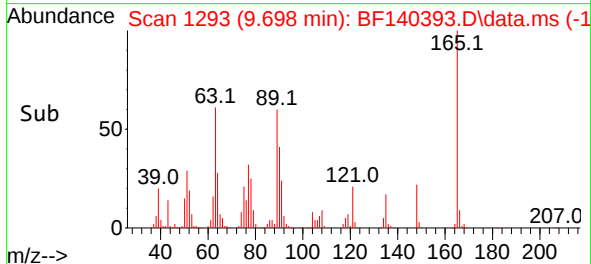
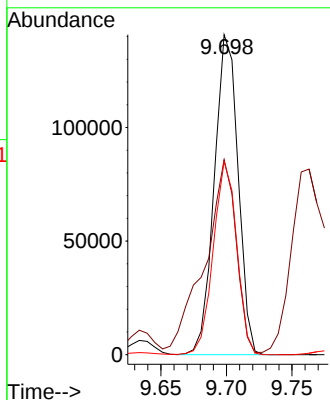
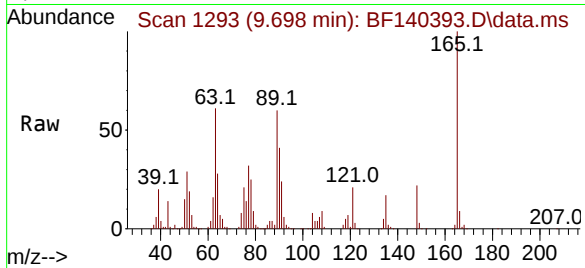




#51
2,6-Dinitrotoluene
Concen: 41.541 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

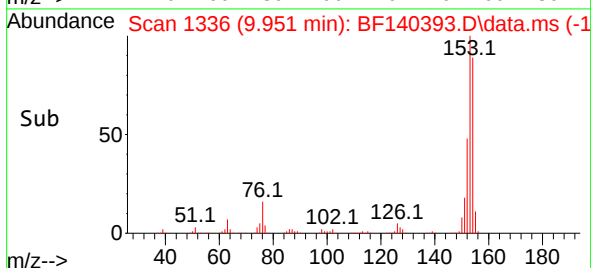
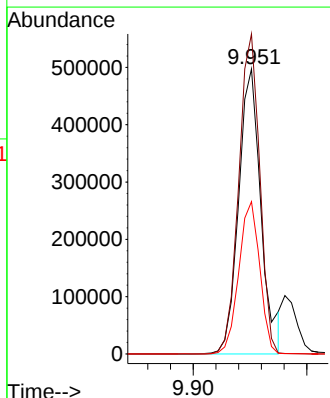
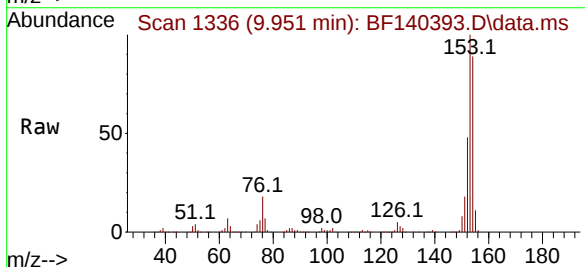
Instrument :
BNA_F
ClientSampleId :
PB164789BS

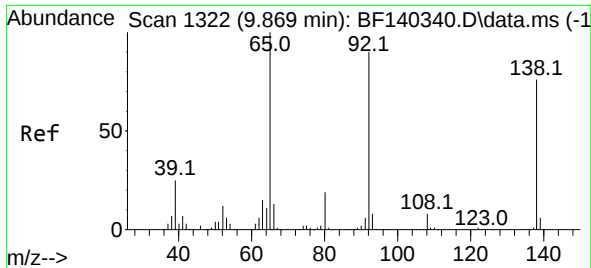
Tgt Ion:165 Resp: 177675
Ion Ratio Lower Upper
165 100
63 61.0 47.6 71.4
89 60.4 48.1 72.1



#52
Acenaphthene
Concen: 41.734 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:154 Resp: 680295
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.8
152 53.5 42.6 64.0

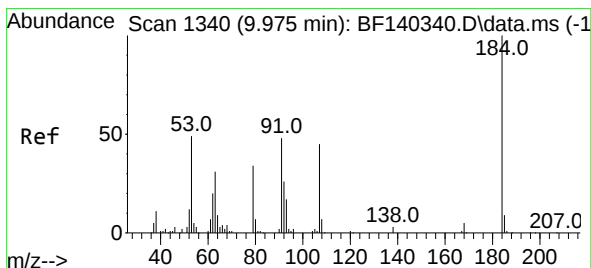
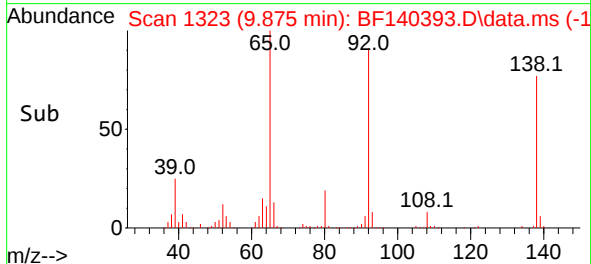
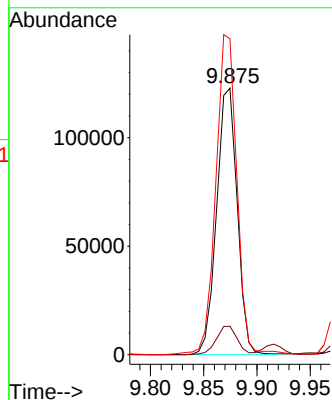
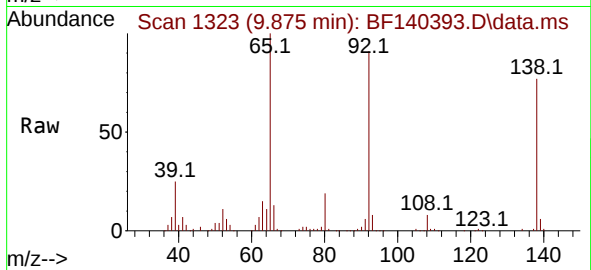




#53
3-Nitroaniline
Concen: 36.774 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

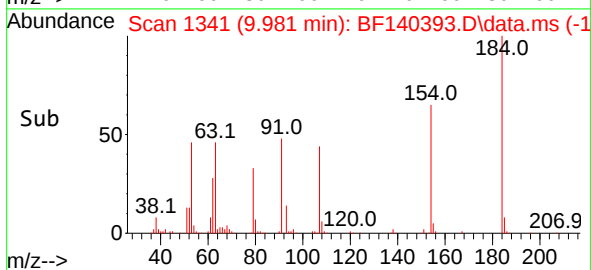
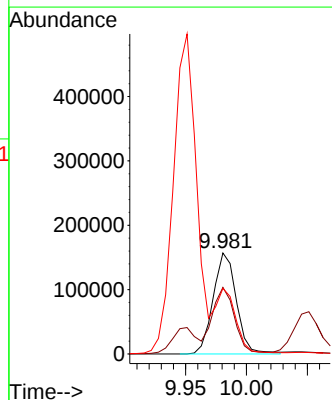
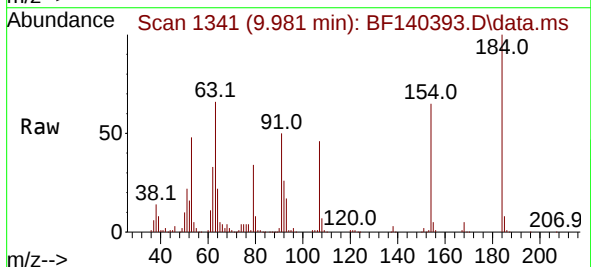
Instrument :
BNA_F
ClientSampleId :
PB164789BS

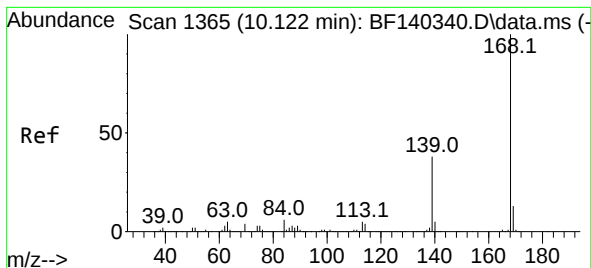
Tgt Ion:138 Resp: 165184
Ion Ratio Lower Upper
138 100
108 10.7 8.4 12.6
92 118.5 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 94.589 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:184 Resp: 208629
Ion Ratio Lower Upper
184 100
63 66.0 53.5 80.3
154 65.1 51.3 76.9





#55

Dibenzofuran

Concen: 43.330 ng

RT: 10.122 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

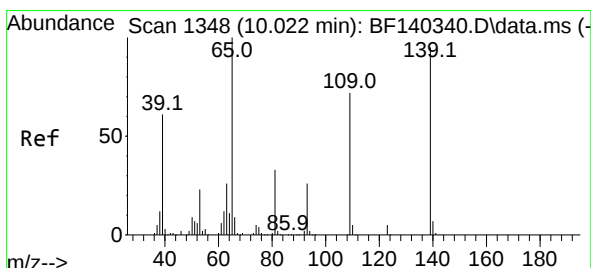
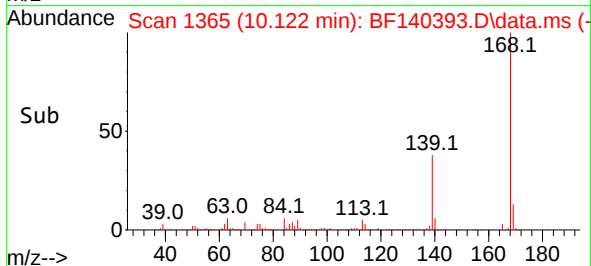
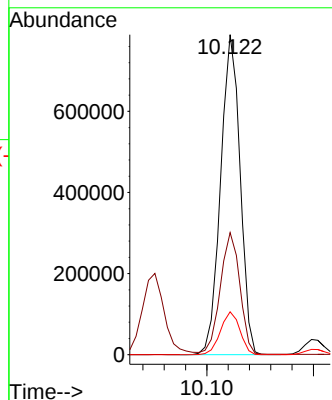
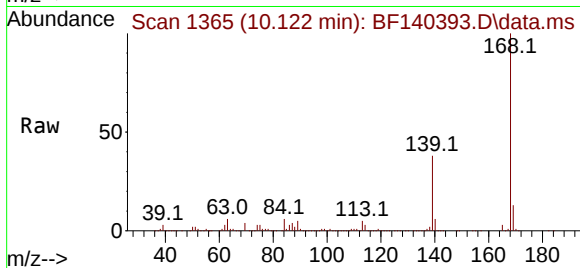
Tgt Ion:168 Resp: 999863

Ion Ratio Lower Upper

168 100

139 38.2 30.8 46.2

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 88.892 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.029 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

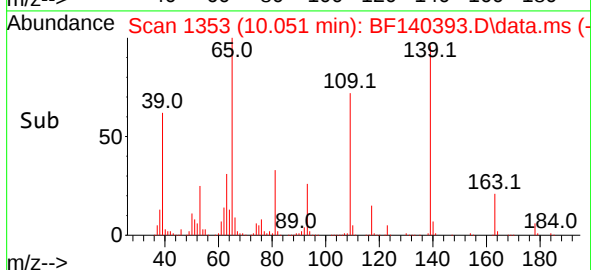
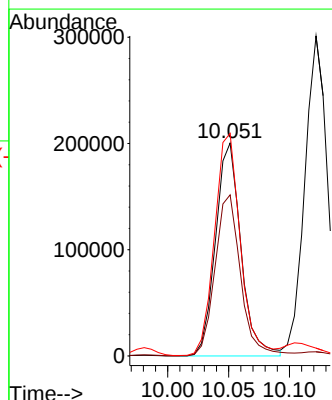
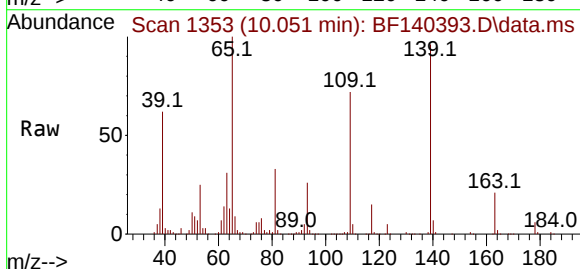
Tgt Ion:139 Resp: 291245

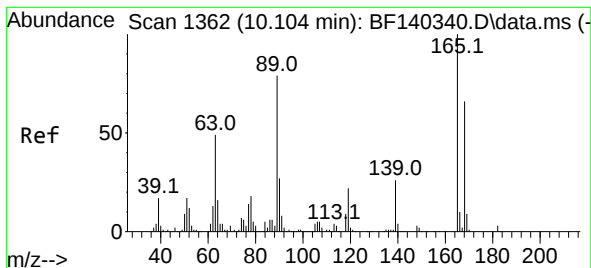
Ion Ratio Lower Upper

139 100

109 75.7 54.5 94.5

65 104.5 84.4 124.4

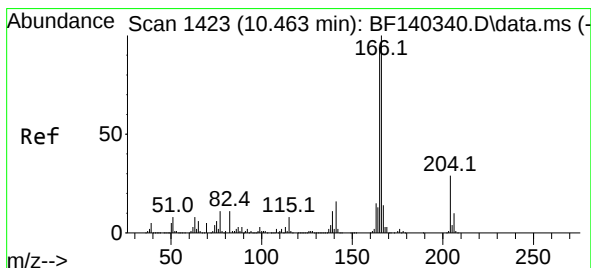
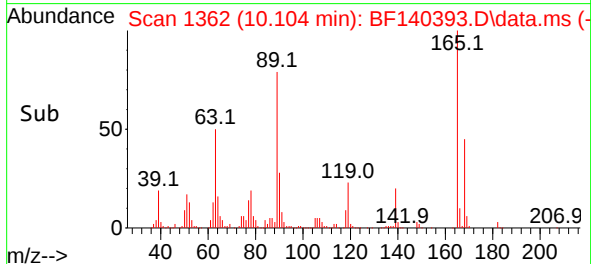
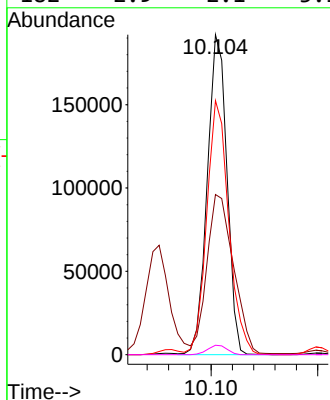
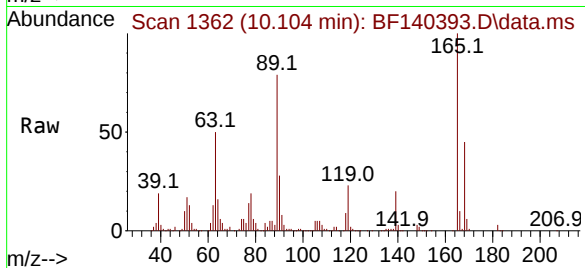




#57
2,4-Dinitrotoluene
Concen: 43.705 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

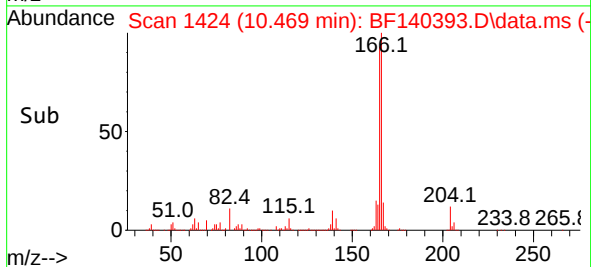
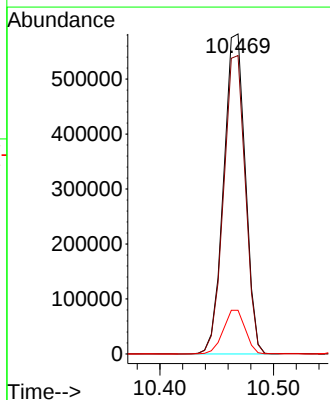
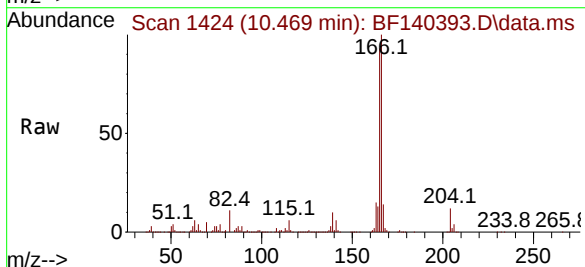
Instrument :
BNA_F
ClientSampleId :
PB164789BS

Tgt Ion:165 Resp: 246023
Ion Ratio Lower Upper
165 100
63 50.1 39.4 59.0
89 79.4 62.4 93.6
182 2.9 2.1 3.1



#58
Fluorene
Concen: 42.354 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

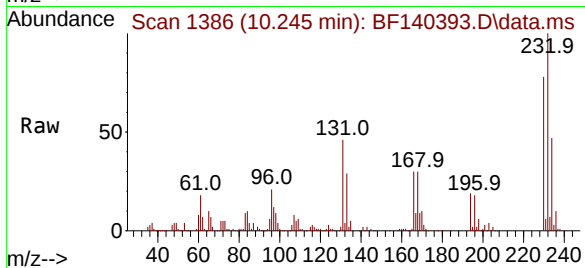
Tgt Ion:166 Resp: 772092
Ion Ratio Lower Upper
166 100
165 93.3 73.9 110.9
167 13.7 10.9 16.3



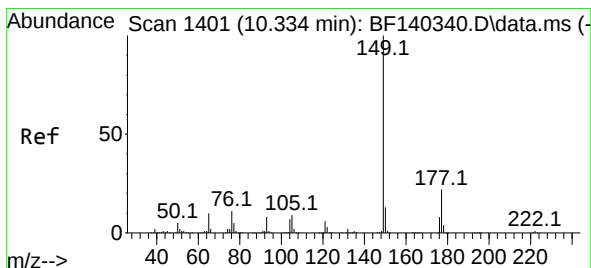
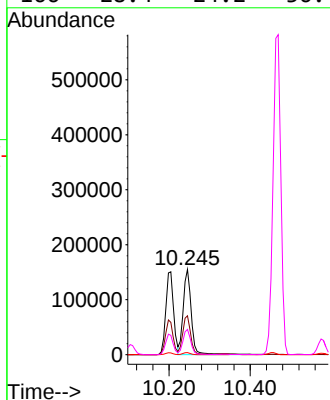
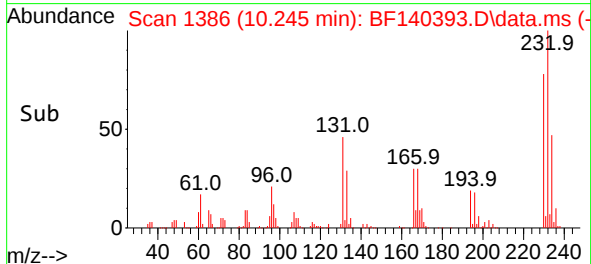


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.908 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

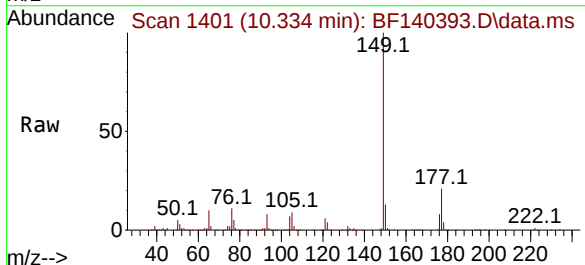
Instrument :
BNA_F
ClientSampleId :
PB164789BS



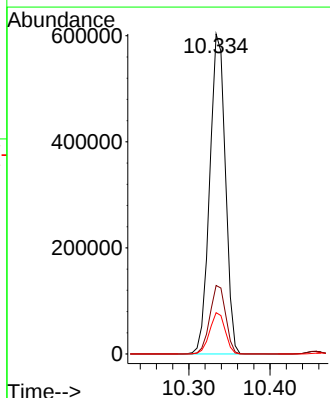
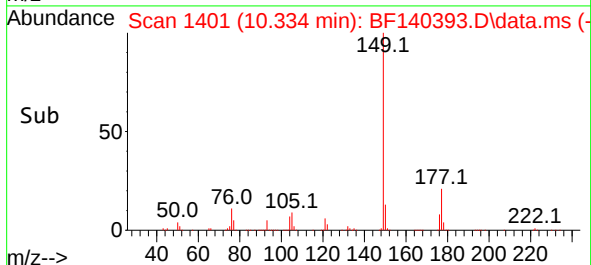
Tgt Ion:232 Resp: 211528
Ion Ratio Lower Upper
232 100
131 44.9 36.8 55.2
130 2.3 1.9 2.9
166 28.4 24.2 36.4

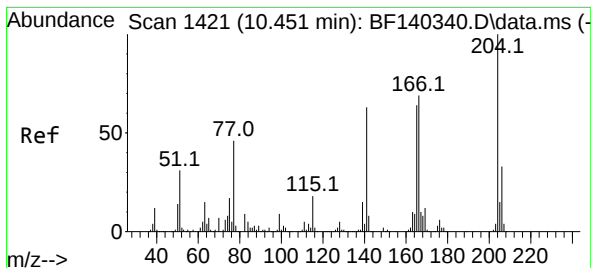


#60
Diethylphthalate
Concen: 42.043 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34



Tgt Ion:149 Resp: 806565
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 12.9 10.1 15.1

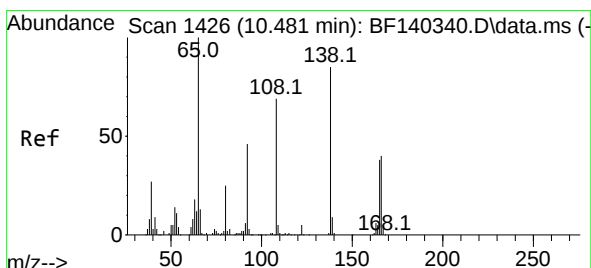
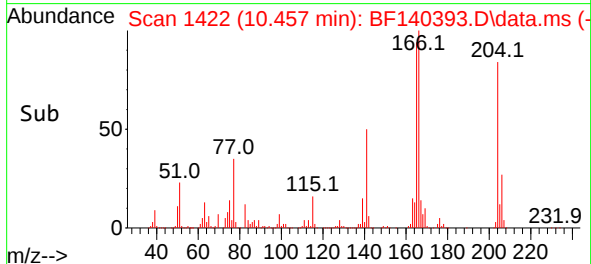
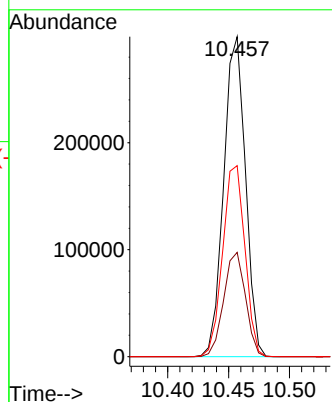
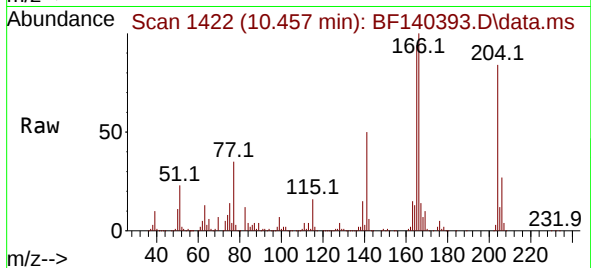




#61
4-Chlorophenyl-phenylether
Concen: 41.304 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

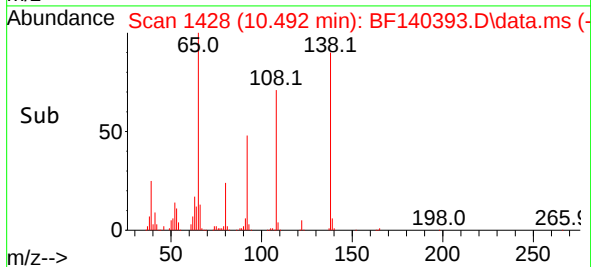
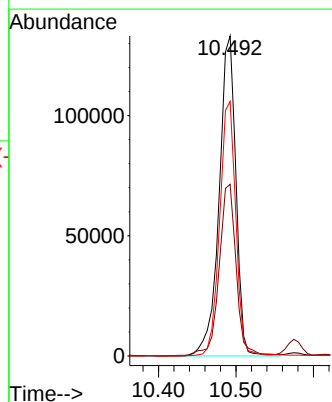
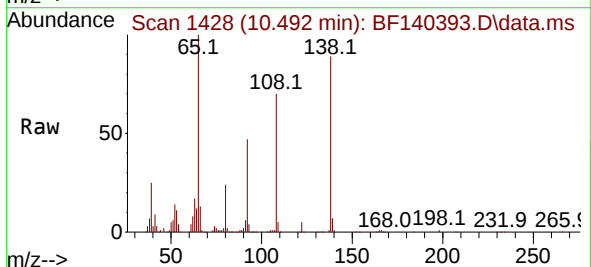
Instrument :
BNA_F
ClientSampleId :
PB164789BS

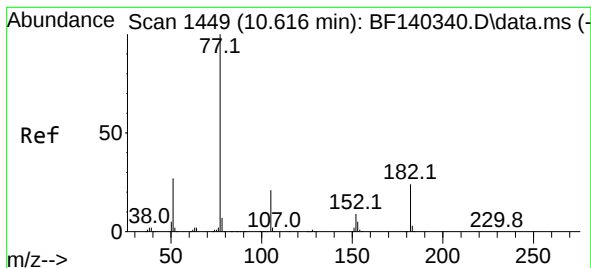
Tgt Ion:204 Resp: 371728
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 59.7 49.8 74.8



#62
4-Nitroaniline
Concen: 43.654 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:138 Resp: 200492
Ion Ratio Lower Upper
138 100
92 53.6 33.8 73.8
108 79.6 59.9 99.9





#63

Azobenzene

Concen: 42.375 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

Tgt Ion: 77 Resp: 803243

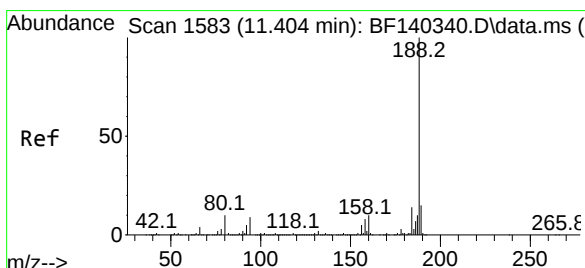
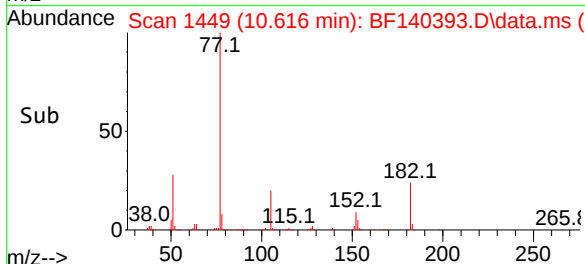
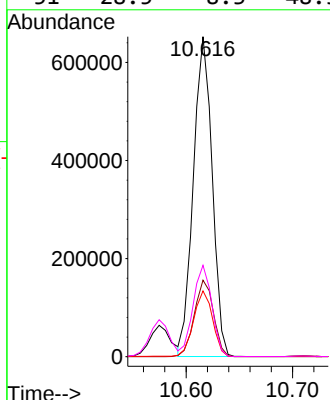
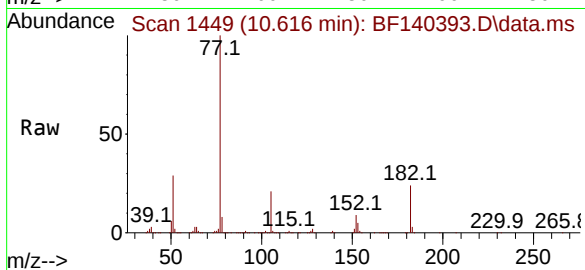
Ion Ratio Lower Upper

77 100

182 23.9 4.6 44.6

105 20.6 0.9 40.9

51 28.5 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

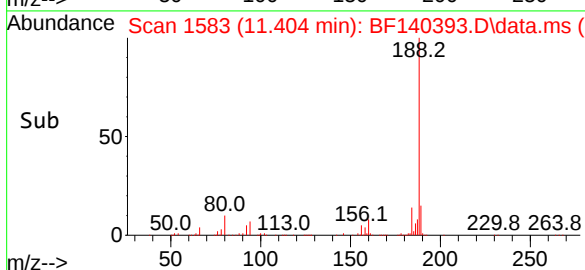
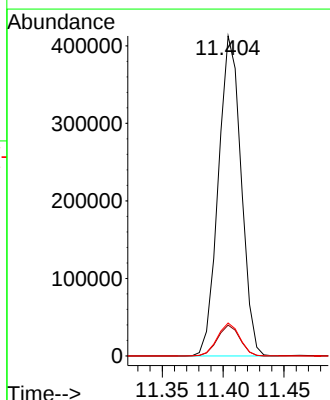
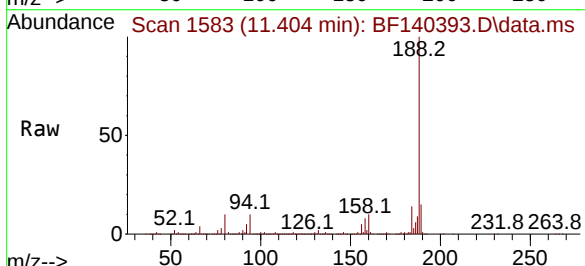
Tgt Ion: 188 Resp: 536724

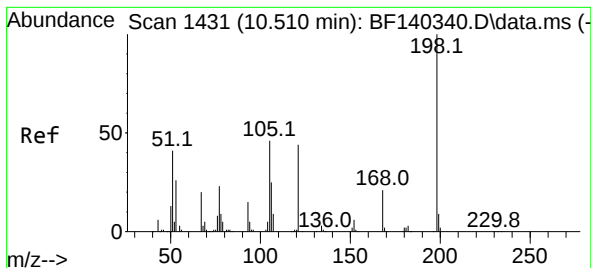
Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.3 8.0 12.0

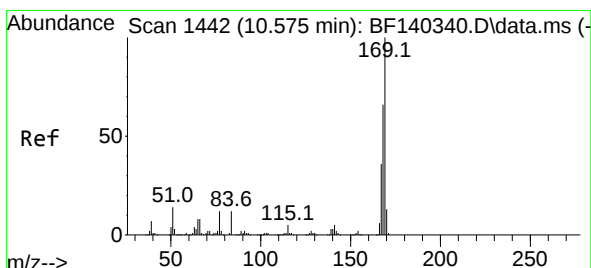
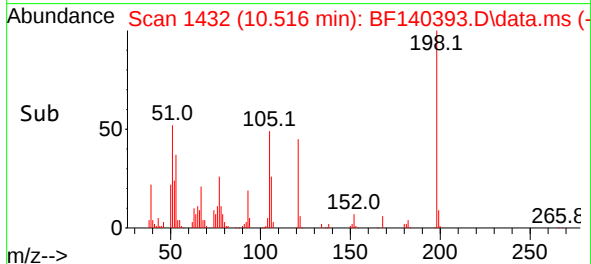
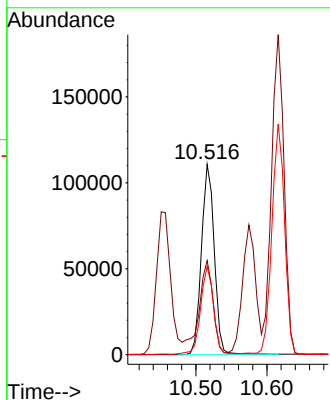
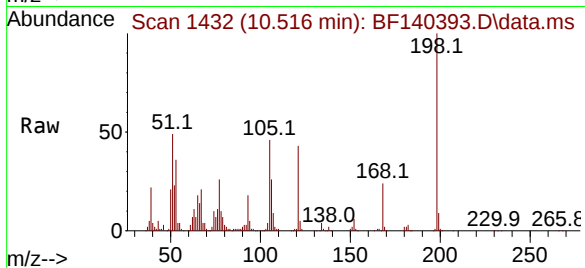




#65
4,6-Dinitro-2-methylphenol
Concen: 48.565 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

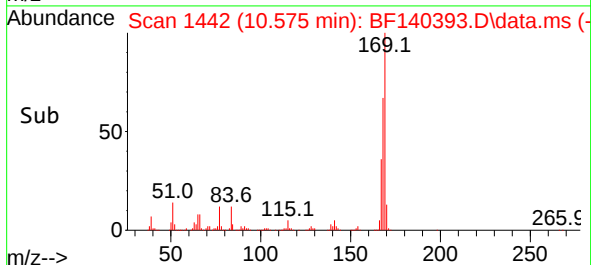
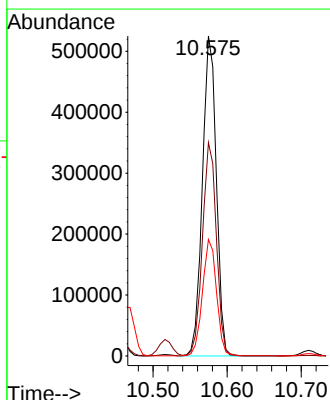
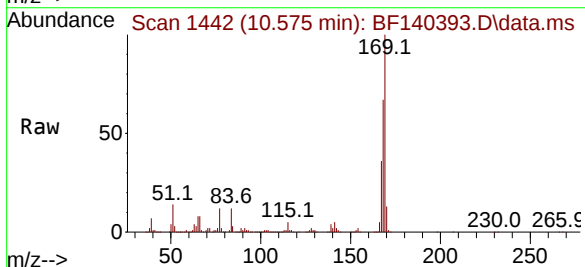
Instrument :
BNA_F
ClientSampleId :
PB164789BS

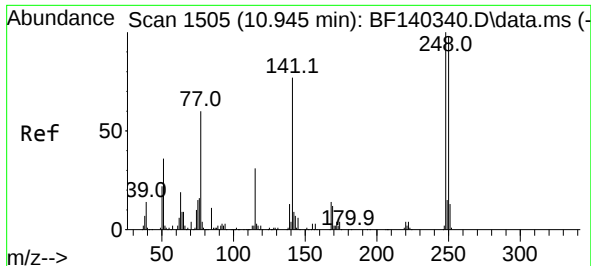
Tgt Ion:198 Resp: 140240
Ion Ratio Lower Upper
198 100
51 49.5 29.7 69.7
105 46.4 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 44.240 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:169 Resp: 686072
Ion Ratio Lower Upper
169 100
168 66.7 52.7 79.1
167 36.4 29.3 43.9

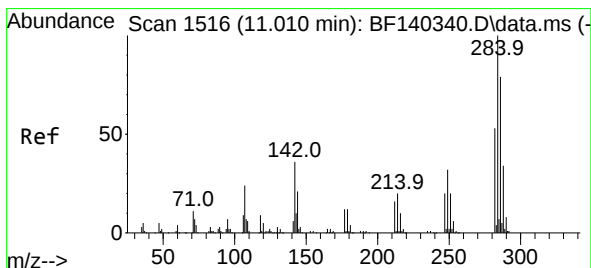
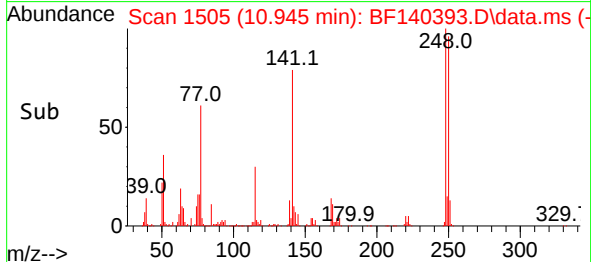
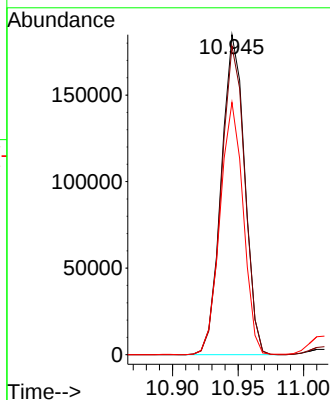
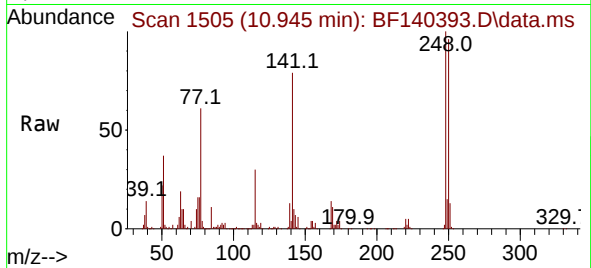




#67
4-Bromophenyl-phenylether
Concen: 42.731 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

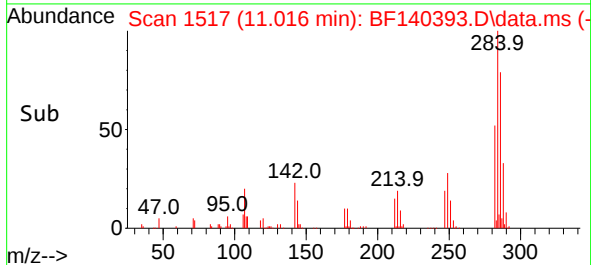
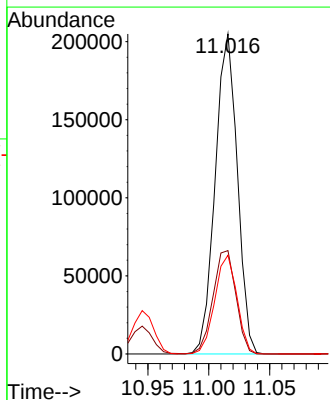
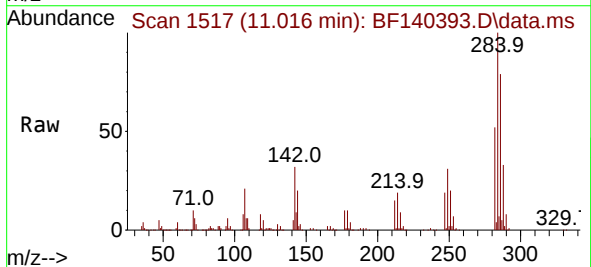
Instrument :
BNA_F
ClientSampleId :
PB164789BS

Tgt Ion:248 Resp: 229260
Ion Ratio Lower Upper
248 100
250 96.4 77.9 116.9
141 78.9 61.8 92.6



#68
Hexachlorobenzene
Concen: 42.962 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:284 Resp: 259344
Ion Ratio Lower Upper
284 100
142 32.3 28.1 42.1
249 30.8 24.9 37.3





#69

Atrazine

Concen: 34.274 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

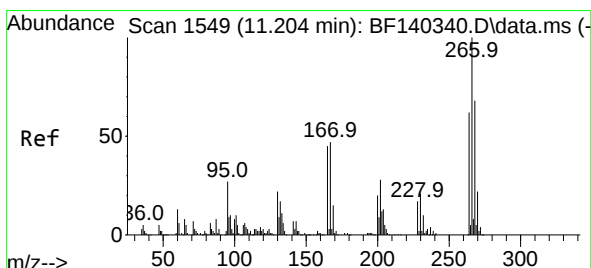
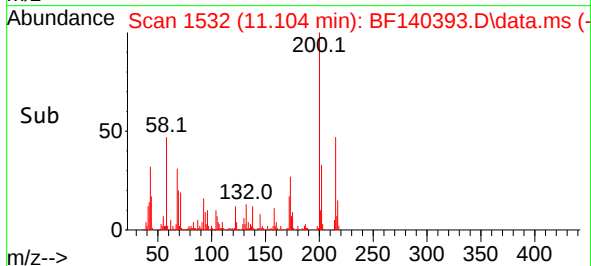
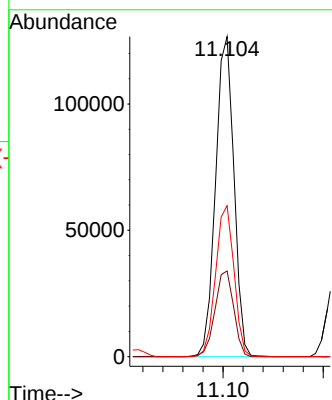
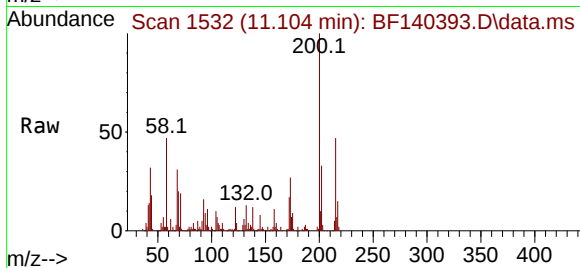
Tgt Ion:200 Resp: 160807

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

215 47.2 27.2 67.2



#70

Pentachlorophenol

Concen: 82.458 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.012 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

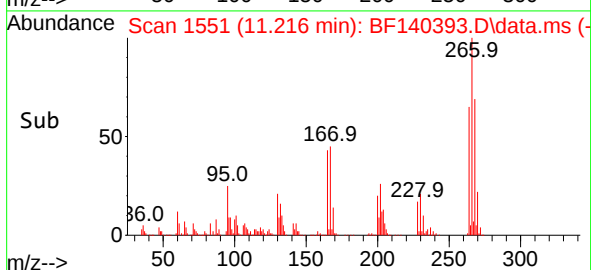
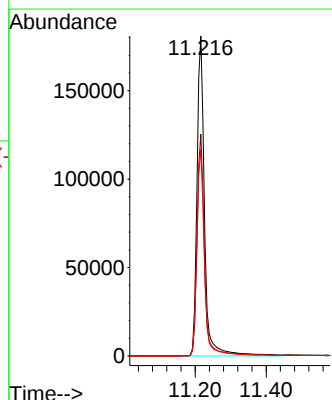
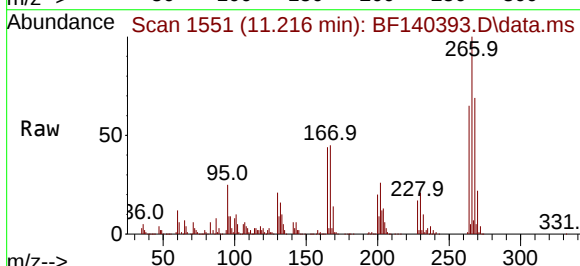
Tgt Ion:266 Resp: 268128

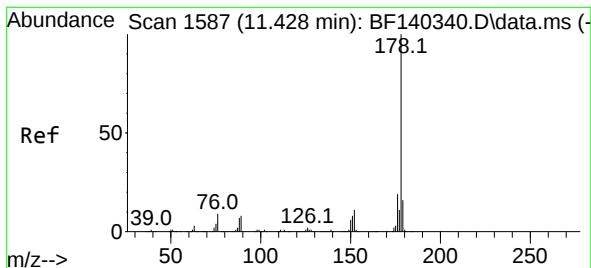
Ion Ratio Lower Upper

266 100

268 69.3 52.9 79.3

264 64.6 50.3 75.5





#71

Phenanthrene

Concen: 44.379 ng

RT: 11.433 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

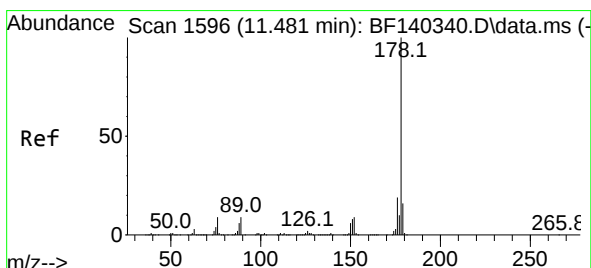
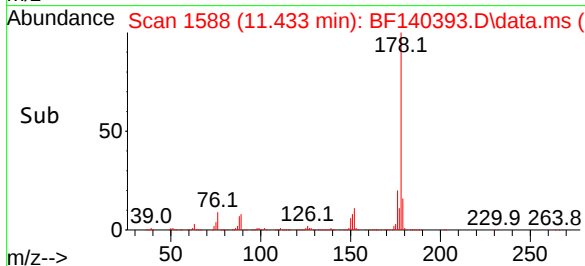
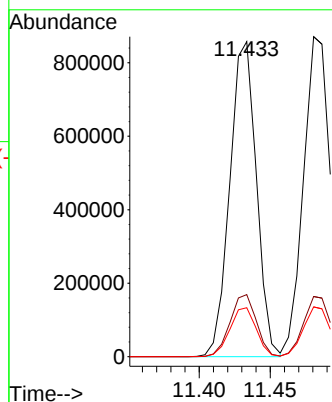
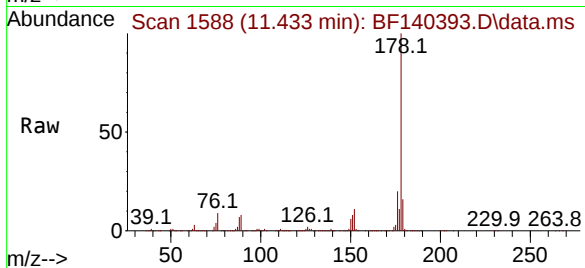
Tgt Ion:178 Resp: 1118916

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.5 12.4 18.6



#72

Anthracene

Concen: 46.189 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

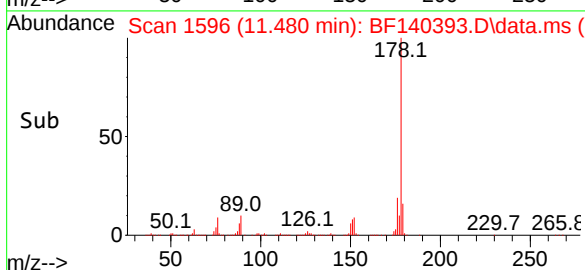
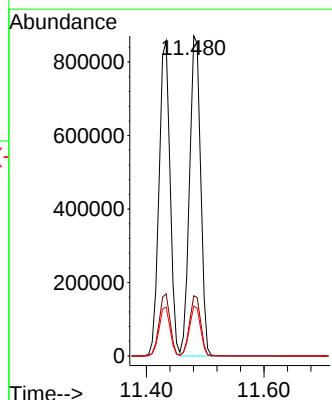
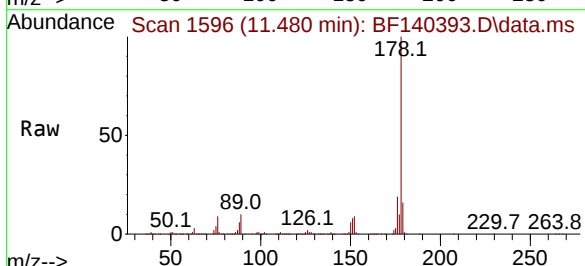
Tgt Ion:178 Resp: 1141349

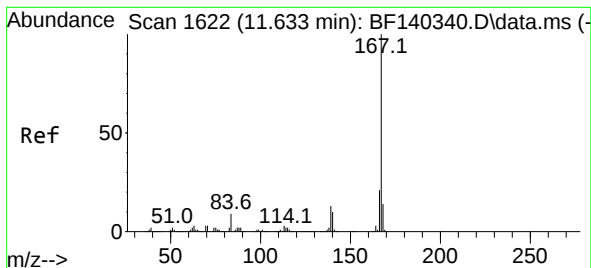
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 15.6 12.6 18.8





#73

Carbazole

Concen: 43.893 ng

RT: 11.639 min Scan# 1623

Delta R.T. 0.006 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

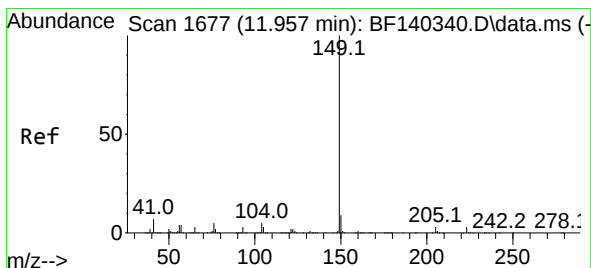
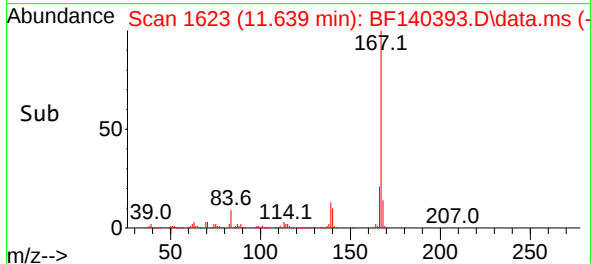
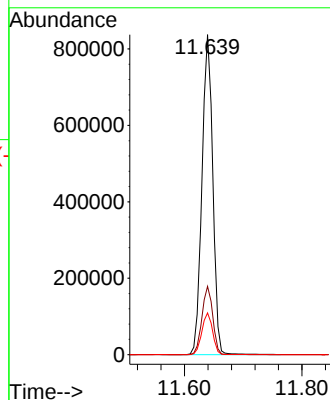
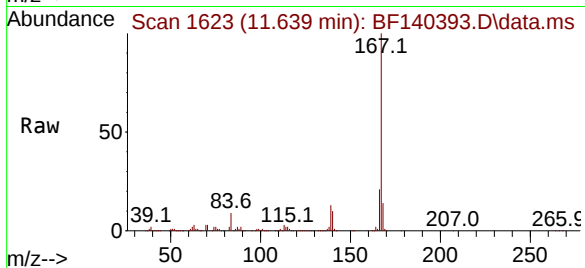
BNA_F

ClientSampleId :

PB164789BS

Tgt Ion:167 Resp: 1070940

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	13.1	10.4	15.6



#74

Di-n-butylphthalate

Concen: 42.329 ng

RT: 11.963 min Scan# 1678

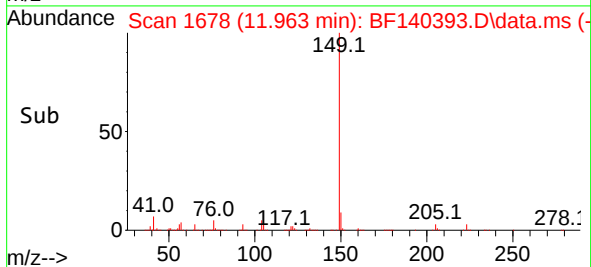
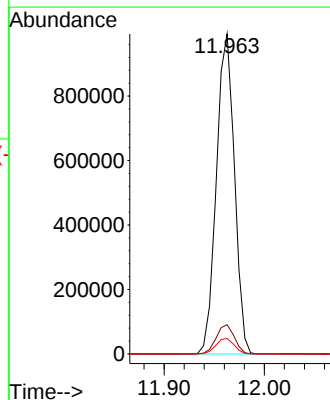
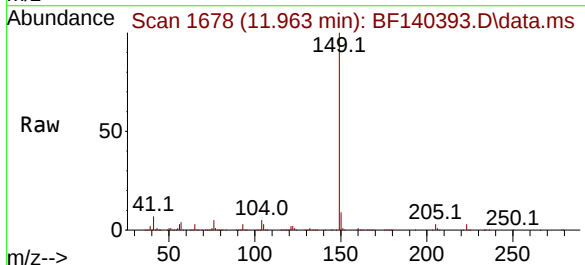
Delta R.T. 0.006 min

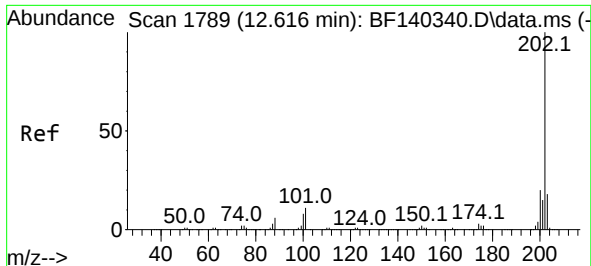
Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Tgt Ion:149 Resp: 1239558

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.9	4.0	6.0

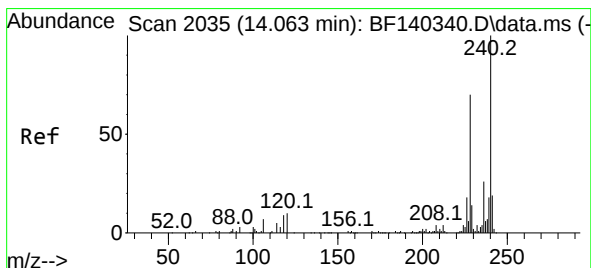
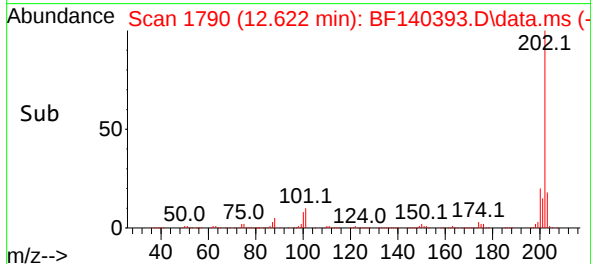
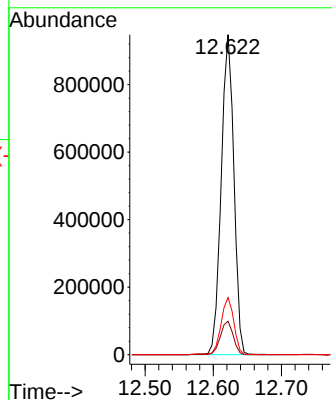
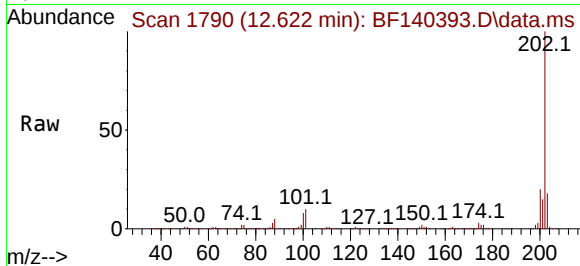




#75
Fluoranthene
Concen: 43.364 ng
RT: 12.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

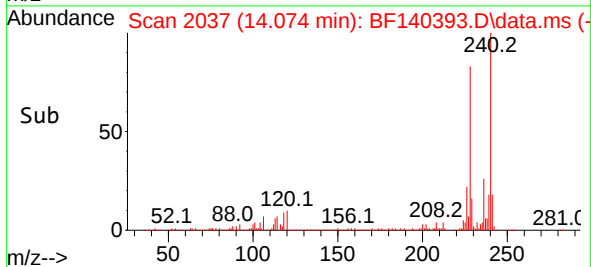
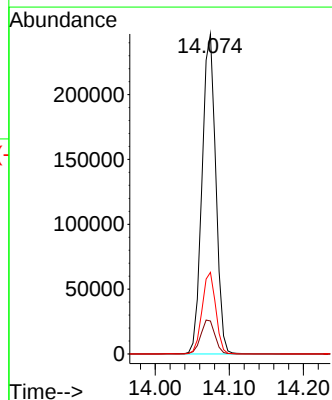
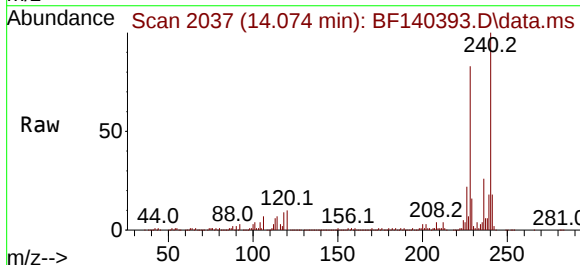
Instrument :
BNA_F
ClientSampleId :
PB164789BS

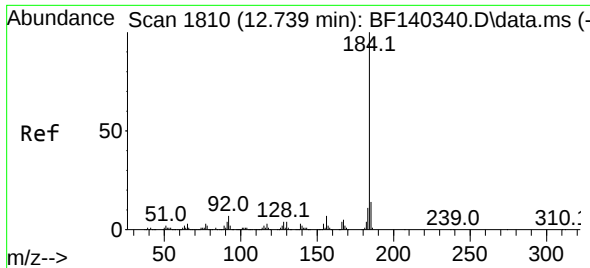
Tgt Ion:202 Resp: 1226619
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.7
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.024 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:240 Resp: 317210
Ion Ratio Lower Upper
240 100
120 10.3 8.8 13.2
236 25.5 20.9 31.3

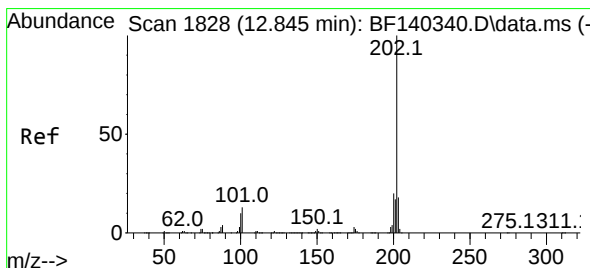
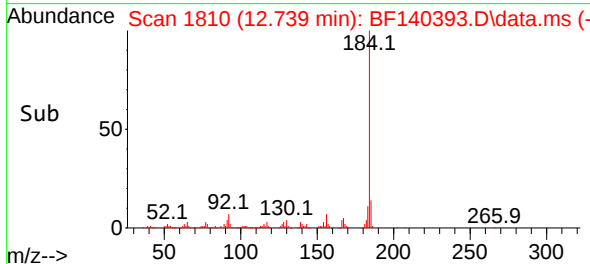
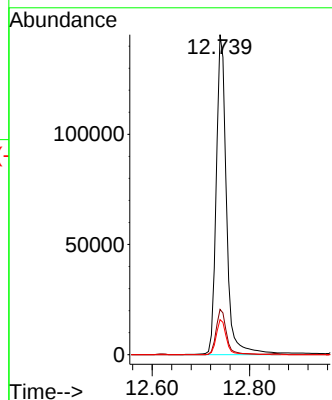
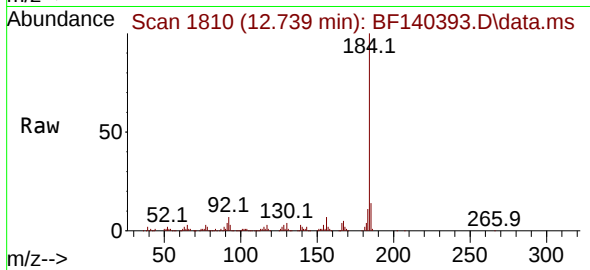




#77
Benzidine
Concen: 17.394 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

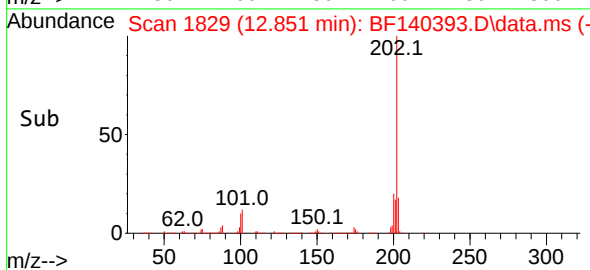
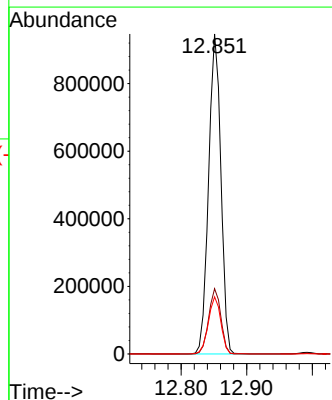
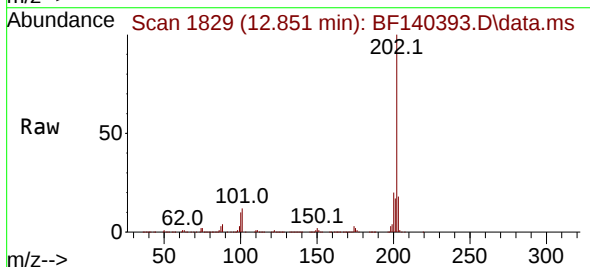
Instrument :
BNA_F
ClientSampleId :
PB164789BS

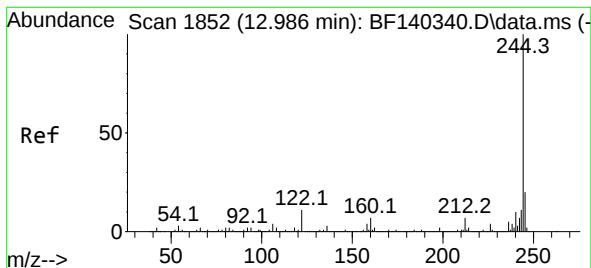
Tgt Ion:184 Resp: 211770
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 10.9 8.6 13.0



#78
Pyrene
Concen: 45.466 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:202 Resp: 1233627
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 92.258 ng

RT: 12.992 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

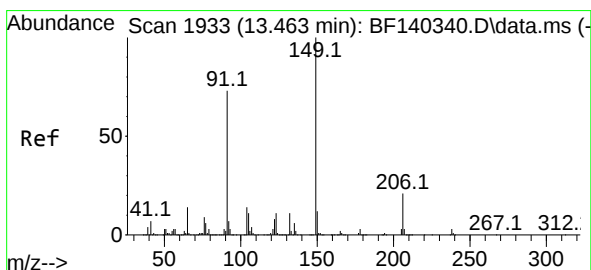
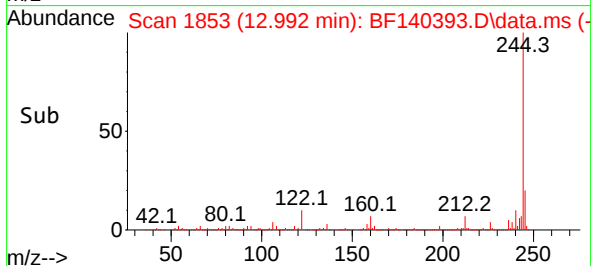
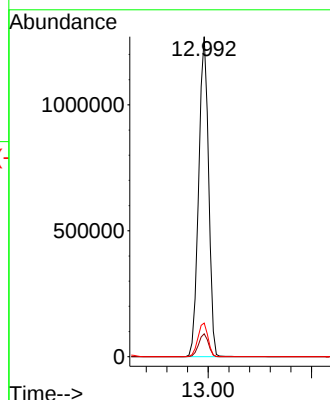
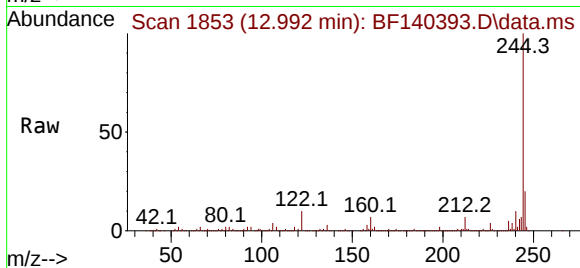
Tgt Ion:244 Resp: 1685980

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.5 8.8 13.2



#80

Butylbenzylphthalate

Concen: 45.174 ng

RT: 13.469 min Scan# 1934

Delta R.T. 0.012 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

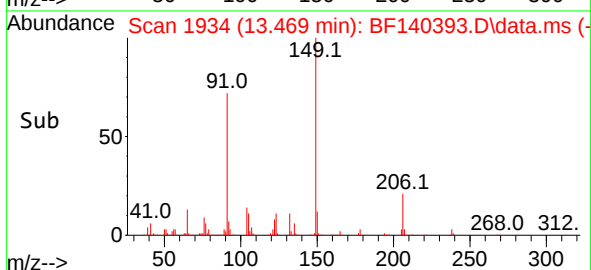
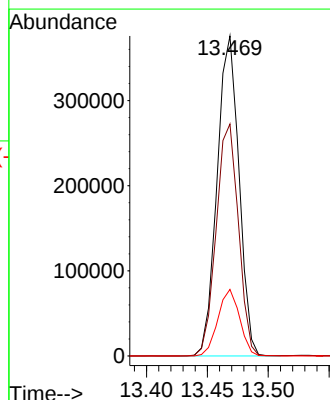
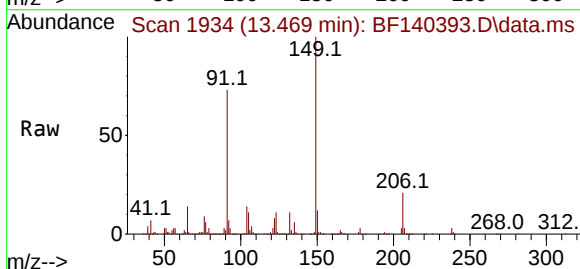
Tgt Ion:149 Resp: 470859

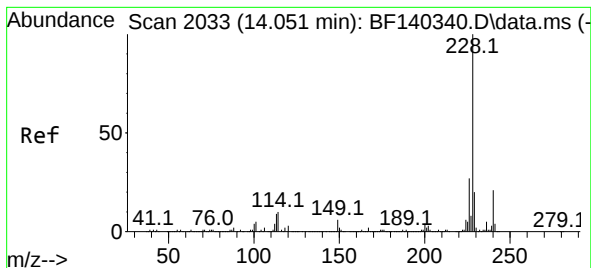
Ion Ratio Lower Upper

149 100

91 72.5 61.0 91.4

206 20.8 16.1 24.1





#81

Benzo(a)anthracene

Concen: 45.056 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.024 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

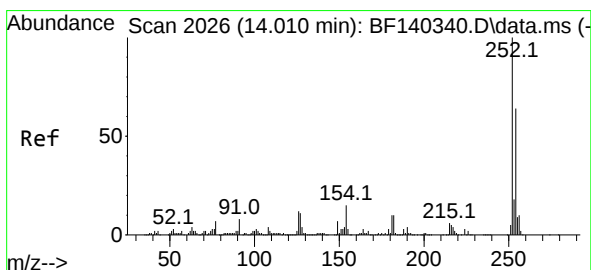
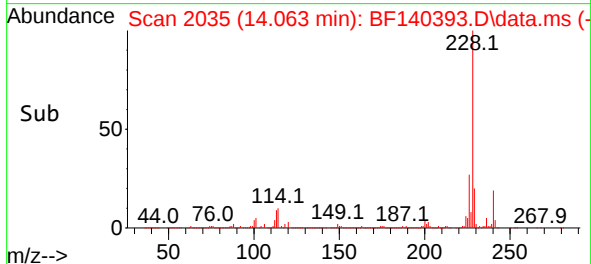
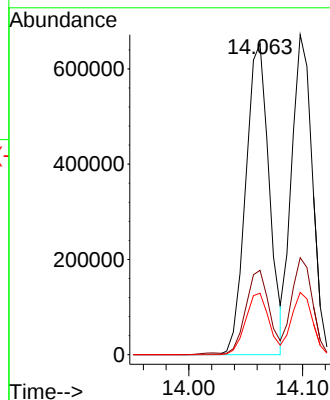
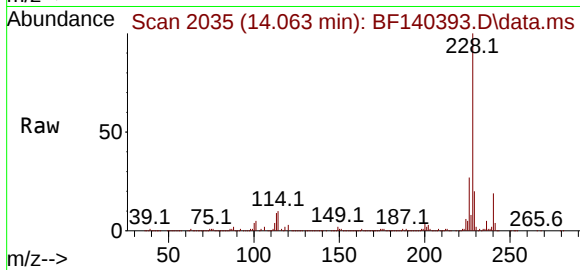
Tgt Ion:228 Resp: 939325

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.4

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 40.455 ng

RT: 14.022 min Scan# 2028

Delta R.T. 0.024 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

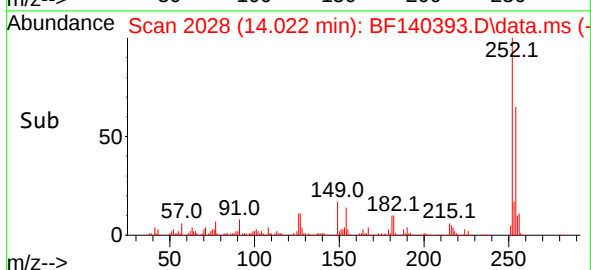
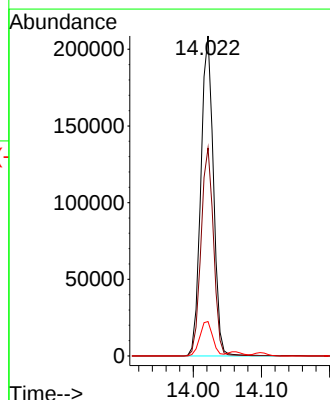
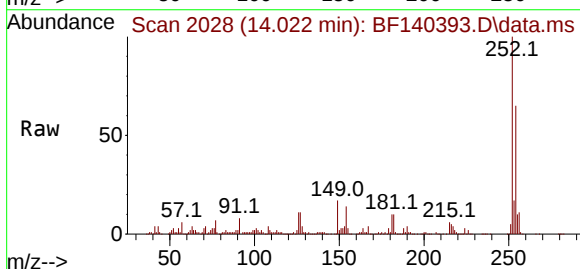
Tgt Ion:252 Resp: 268070

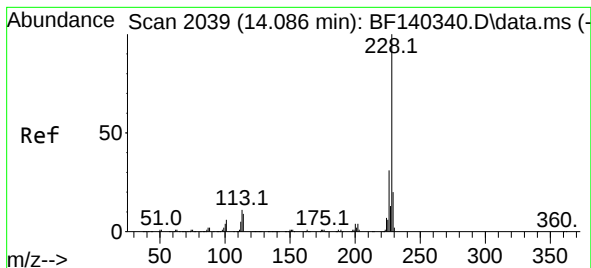
Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.2

126 10.7 9.4 14.0





#83

Chrysene

Concen: 44.923 ng

RT: 14.098 min Scan# 2041

Delta R.T. 0.018 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

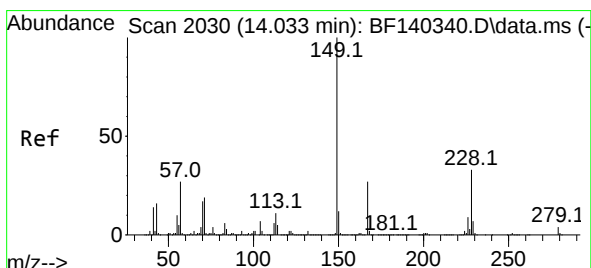
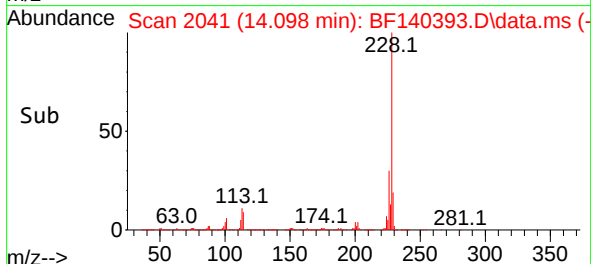
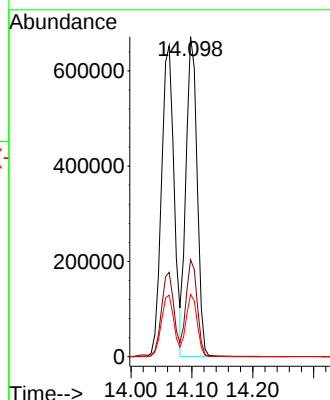
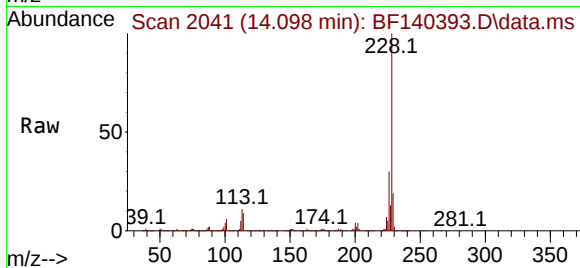
Tgt Ion:228 Resp: 854525

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.707 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.018 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

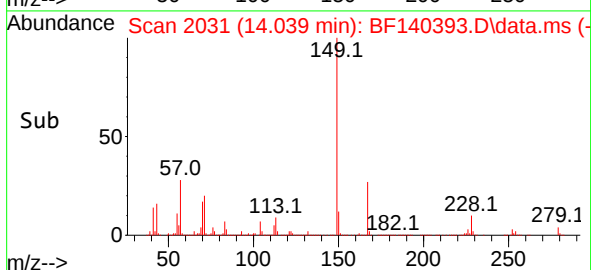
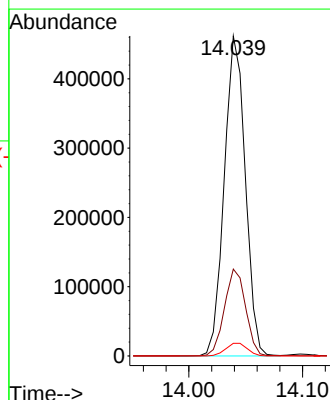
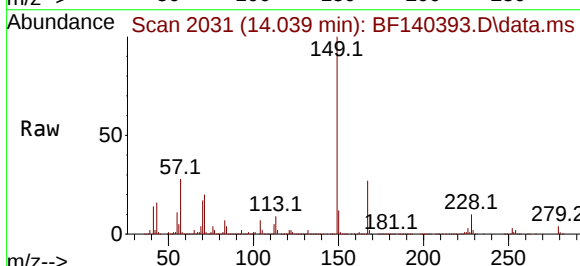
Tgt Ion:149 Resp: 594170

Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 42.271 ng

RT: 14.698 min Scan# 2143

Delta R.T. 0.035 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

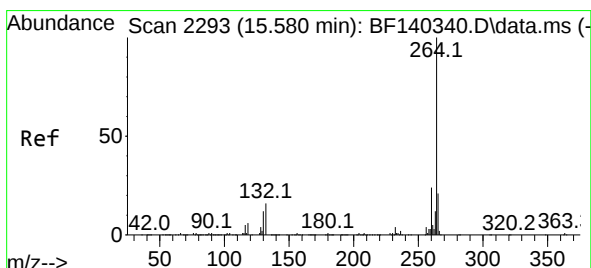
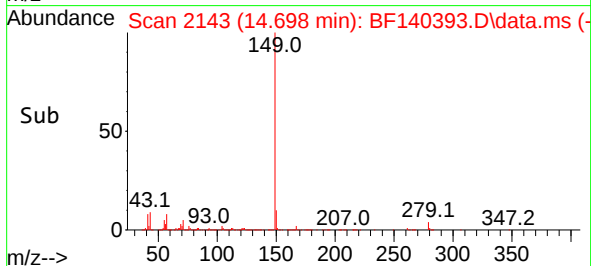
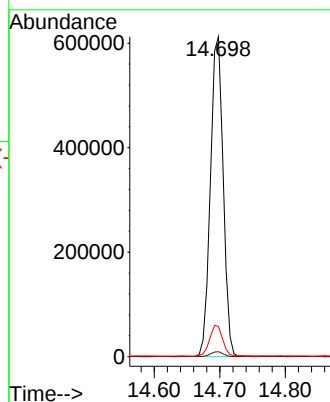
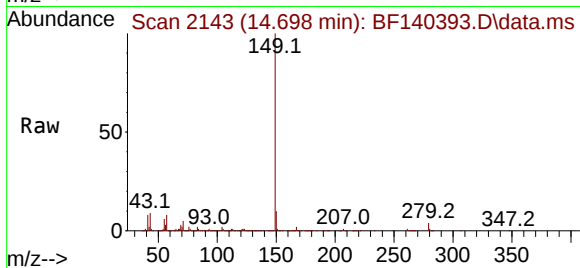
Tgt Ion:149 Resp: 828270

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.7 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.598 min Scan# 2296

Delta R.T. 0.041 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

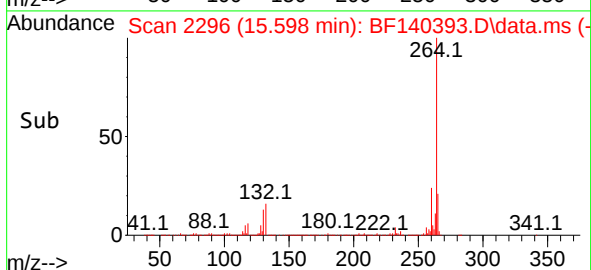
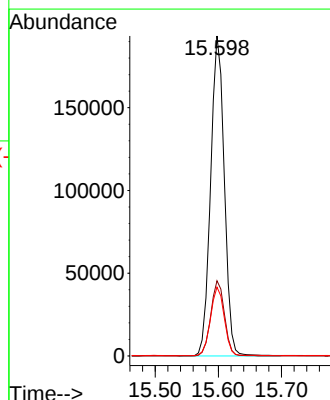
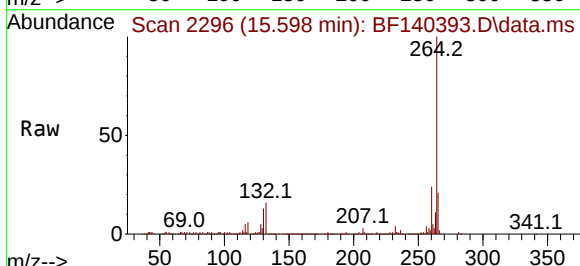
Tgt Ion:264 Resp: 291377

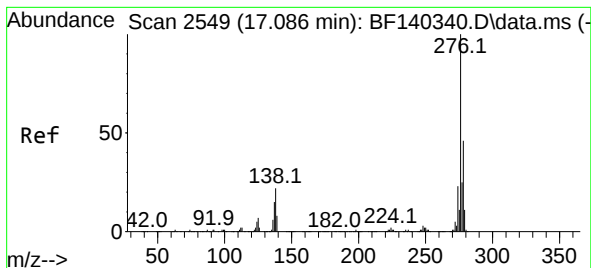
Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.601 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

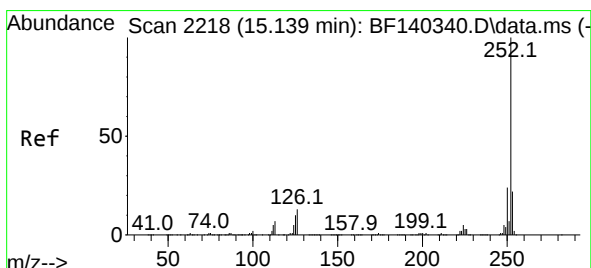
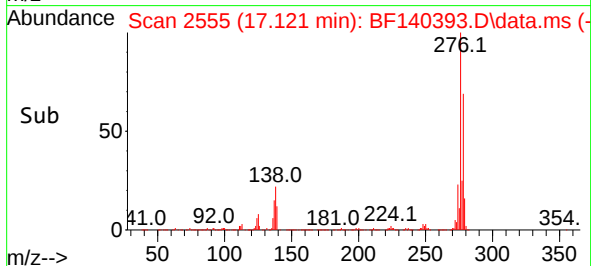
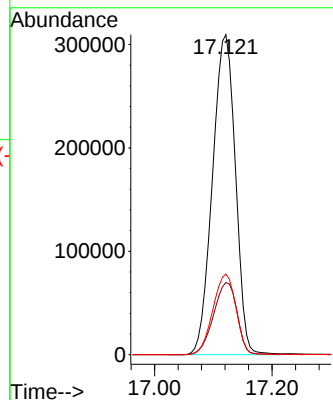
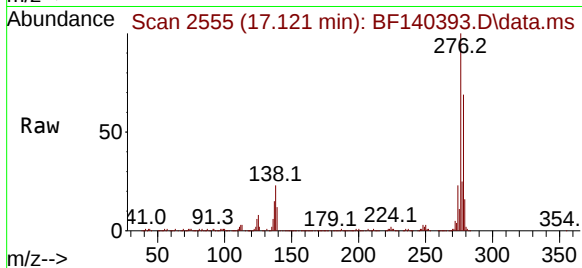
Tgt Ion:276 Resp: 838769

Ion Ratio Lower Upper

276 100

138 23.3 18.8 28.2

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.829 ng

RT: 15.157 min Scan# 2221

Delta R.T. 0.041 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

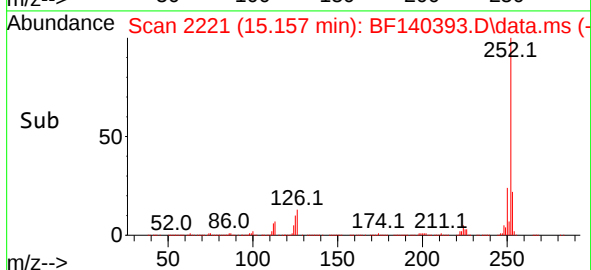
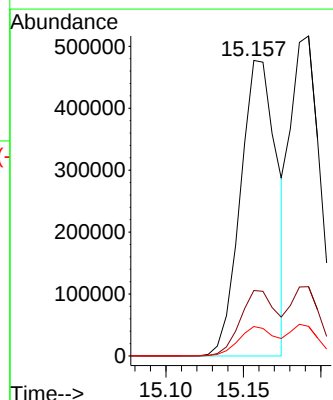
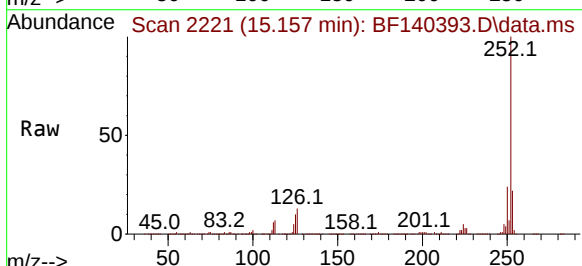
Tgt Ion:252 Resp: 778217

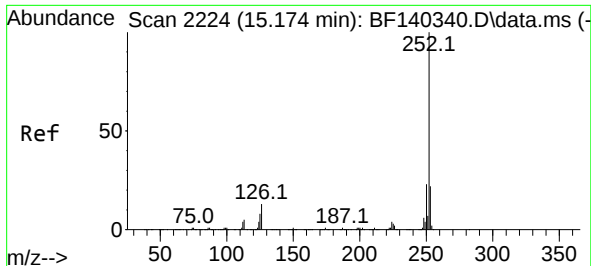
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.0 8.0 12.0

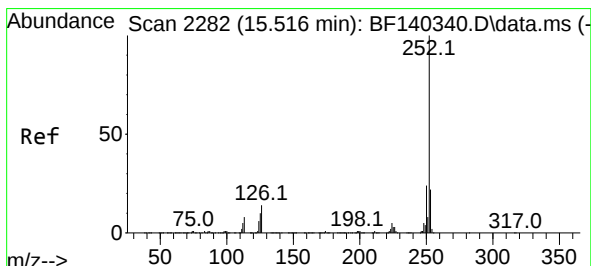
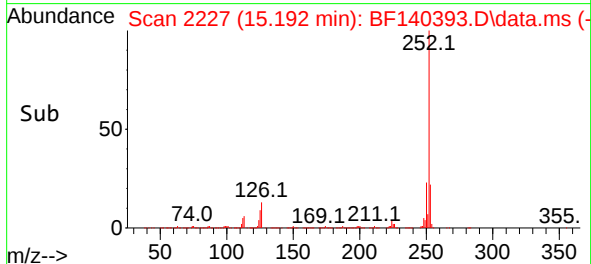
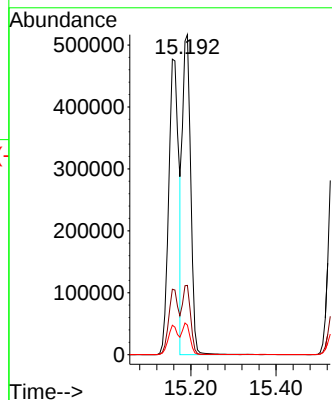
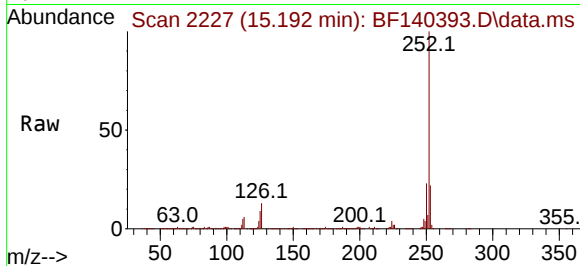




#89
Benzo(k)fluoranthene
Concen: 44.361 ng
RT: 15.192 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

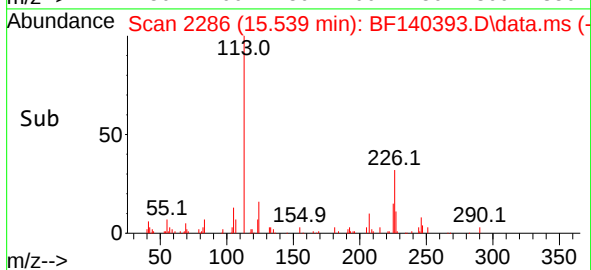
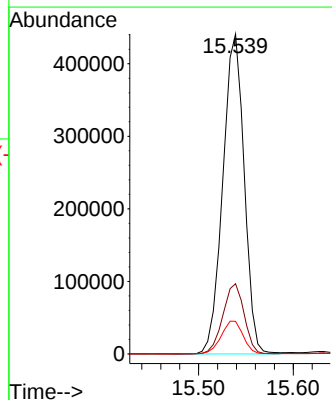
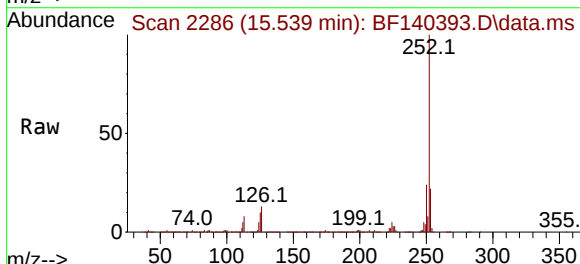
Instrument :
BNA_F
ClientSampleId :
PB164789BS

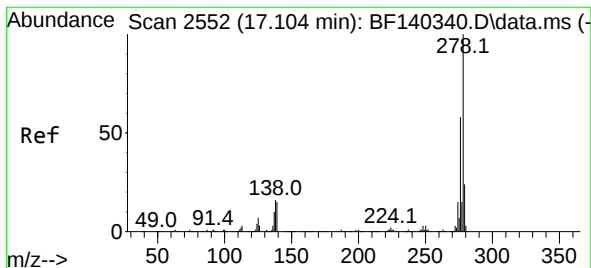
Tgt Ion:252 Resp: 690747
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.2 7.4 11.2



#90
Benzo(a)pyrene
Concen: 46.748 ng
RT: 15.539 min Scan# 2286
Delta R.T. 0.047 min
Lab File: BF140393.D
Acq: 15 Nov 2024 10:34

Tgt Ion:252 Resp: 691951
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.2 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 46.083 ng

RT: 17.133 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164789BS

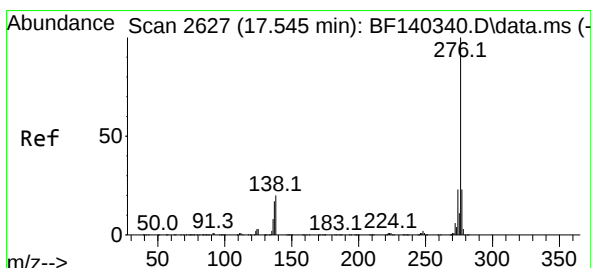
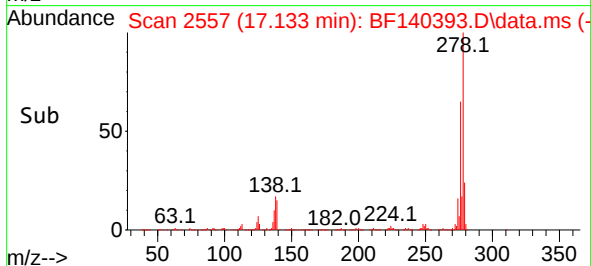
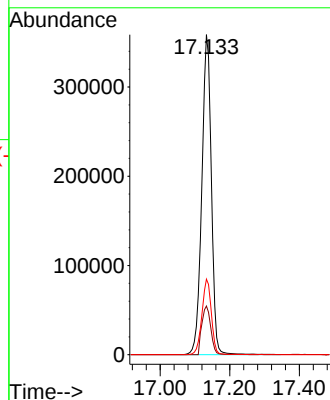
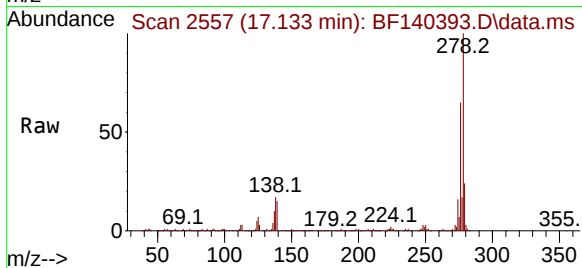
Tgt Ion:278 Resp: 685624

Ion Ratio Lower Upper

278 100

139 15.2 11.8 17.8

279 23.6 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 42.597 ng

RT: 17.574 min Scan# 2632

Delta R.T. 0.059 min

Lab File: BF140393.D

Acq: 15 Nov 2024 10:34

Tgt Ion:276 Resp: 647910

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 20.5 16.0 24.0

