

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139959.D
 Acq On : 23 Oct 2024 12:39
 Operator : RC/JU
 Sample : PB164123BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164123BS

Quant Time: Oct 23 13:22:34 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	157015	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	616380	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	348472	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	625574	20.000	ng	0.00
76) Chrysene-d12	14.057	240	318250	20.000	ng	0.00
86) Perylene-d12	15.533	264	349349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1314086	131.018	ng	0.02
7) Phenol-d6	6.516	99	1659988	127.788	ng	0.00
23) Nitrobenzene-d5	7.451	82	1077187	96.858	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	515054	158.016	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1931021	91.582	ng	0.00
79) Terphenyl-d14	13.004	244	2004549	102.635	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	175992	37.634	ng	96
3) Pyridine	3.516	79	471114	40.644	ng	96
4) n-Nitrosodimethylamine	3.469	42	267760	42.995	ng	95
6) Aniline	6.551	93	557615	46.059	ng	98
8) 2-Chlorophenol	6.675	128	511606	49.896	ng	97
9) Benzaldehyde	6.440	77	126825	17.355	ng	97
10) Phenol	6.528	94	657450	49.092	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	485330	46.886	ng	98
12) 1,3-Dichlorobenzene	6.834	146	537187	45.640	ng	98
13) 1,4-Dichlorobenzene	6.910	146	546217	46.450	ng	99
14) 1,2-Dichlorobenzene	7.063	146	524912	47.829	ng	98
15) Benzyl Alcohol	7.028	79	471637	49.496	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	810592	45.925	ng	97
17) 2-Methylphenol	7.140	107	431652	49.370	ng	99
18) Hexachloroethane	7.404	117	195039	46.512	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	367544	46.651	ng	96
20) 3+4-Methylphenols	7.292	107	518857	46.396	ng	# 81
22) Acetophenone	7.298	105	692884	45.895	ng	99
24) Nitrobenzene	7.475	77	555417	45.551	ng	98
25) Isophorone	7.710	82	1009777	47.838	ng	99
26) 2-Nitrophenol	7.787	139	268407	58.350	ng	95
27) 2,4-Dimethylphenol	7.822	122	428034	55.805	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	600864	46.984	ng	100
29) 2,4-Dichlorophenol	8.028	162	425845	48.743	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	442395	45.763	ng	99
31) Naphthalene	8.192	128	1480485	46.572	ng	100
32) Benzoic acid	7.934	122	331294	49.522	ng	94
33) 4-Chloroaniline	8.239	127	279577	25.792	ng	98
34) Hexachlorobutadiene	8.310	225	281463	46.339	ng	99
35) Caprolactam	8.610	113	89766	32.314	ng	90
36) 4-Chloro-3-methylphenol	8.716	107	471188	48.707	ng	98
37) 2-Methylnaphthalene	8.886	142	934188	47.983	ng	100
38) 1-Methylnaphthalene	8.986	142	875790	45.850	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	441914	47.006	ng	99
41) Hexachlorocyclopentadiene	9.039	237	575484	175.926	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	338719	50.889	ng	99

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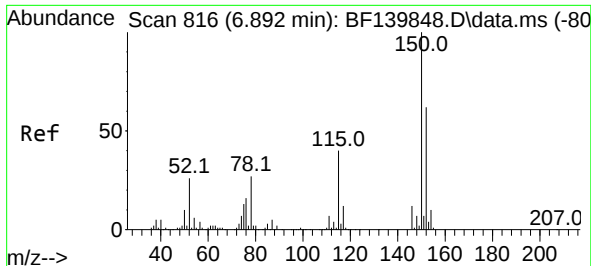
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	339933	49.501	ng	99
46) 1,1'-Biphenyl	9.351	154	1126703	46.445	ng	100
47) 2-Chloronaphthalene	9.375	162	901688	46.150	ng	99
48) 2-Nitroaniline	9.469	65	316703	52.999	ng	93
49) Acenaphthylene	9.792	152	1409992	49.917	ng	99
50) Dimethylphthalate	9.651	163	1070887	49.337	ng	100
51) 2,6-Dinitrotoluene	9.710	165	240598	51.194	ng	97
52) Acenaphthene	9.963	154	980931	53.683	ng	99
53) 3-Nitroaniline	9.881	138	165720	34.194	ng	95
54) 2,4-Dinitrophenol	9.986	184	264001	130.698	ng	# 1
55) Dibenzofuran	10.139	168	1240679	47.324	ng	98
56) 4-Nitrophenol	10.033	139	396279	106.278	ng	100
57) 2,4-Dinitrotoluene	10.116	165	329266	56.973	ng	96
58) Fluorene	10.480	166	935732	46.861	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	289740	53.821	ng	96
60) Diethylphthalate	10.351	149	1041864	48.887	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	475776	47.181	ng	99
62) 4-Nitroaniline	10.498	138	243551	53.208	ng	94
63) Azobenzene	10.633	77	1058273	46.839	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	178099	69.796	ng	93
66) n-Nitrosodiphenylamine	10.592	169	894297	47.764	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	313776	48.688	ng	94
68) Hexachlorobenzene	11.028	284	354277	48.879	ng	95
69) Atrazine	11.116	200	291198	57.414	ng	99
70) Pentachlorophenol	11.216	266	442639	100.626	ng	100
71) Phenanthrene	11.445	178	1412519	47.802	ng	100
72) Anthracene	11.492	178	1430590	49.620	ng	99
73) Carbazole	11.645	167	1254503	46.786	ng	100
74) Di-n-butylphthalate	11.975	149	1506787	48.640	ng	100
75) Fluoranthene	12.627	202	1394053	46.667	ng	100
77) Benzidine	12.745	184	329626	62.989	ng	99
78) Pyrene	12.857	202	1391086	49.936	ng	100
80) Butylbenzylphthalate	13.474	149	451349	54.043	ng	98
81) Benzo(a)anthracene	14.045	228	1042409	50.317	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	240244	39.773	ng	98
83) Chrysene	14.080	228	963784	50.739	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	532526	56.832	ng	99
85) Di-n-octyl phthalate	14.645	149	950001	55.741	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1244594	55.378	ng	98
88) Benzo(b)fluoranthene	15.098	252	1062781	49.941	ng	99
89) Benzo(k)fluoranthene	15.127	252	864638	47.112	ng	100
90) Benzo(a)pyrene	15.468	252	941642	53.776	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	1028811	54.874	ng	98
92) Benzo(g,h,i)perylene	17.486	276	954801	50.984	ng	99

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

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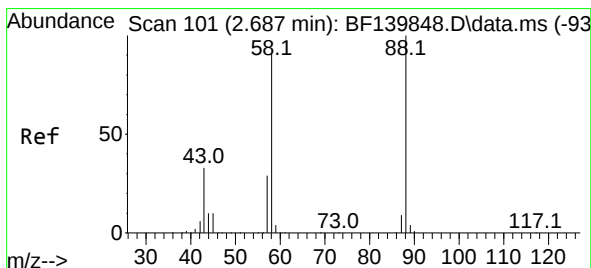
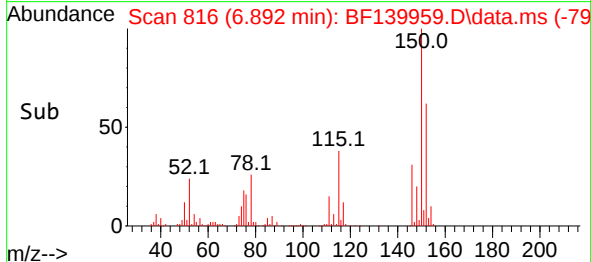
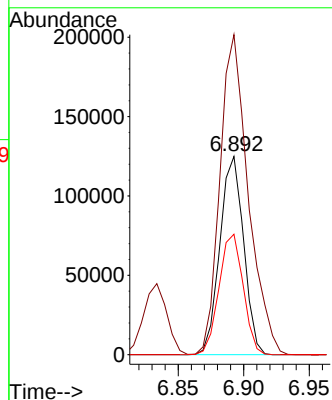
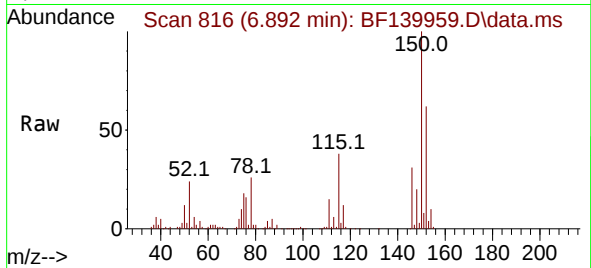




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

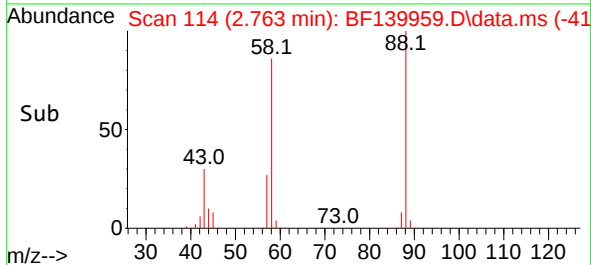
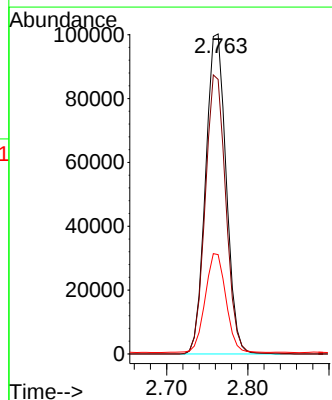
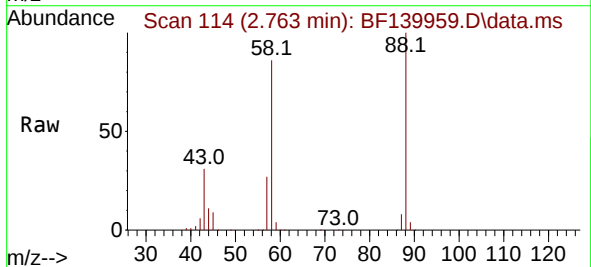
Instrument :
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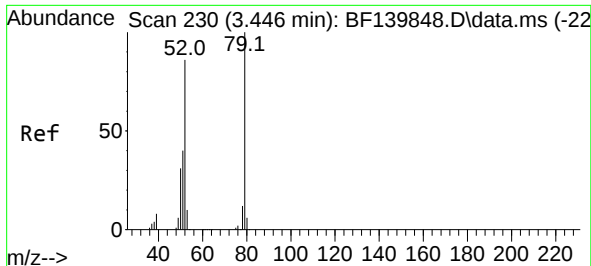
Tgt Ion:152 Resp: 157015
Ion Ratio Lower Upper
152 100
150 161.4 130.2 195.2
115 60.8 51.4 77.2



#2
1,4-Dioxane
Concen: 37.634 ng
RT: 2.763 min Scan# 114
Delta R.T. 0.077 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion: 88 Resp: 175992
Ion Ratio Lower Upper
88 100
58 87.5 73.3 109.9
43 31.3 27.1 40.7





#3

Pyridine

Concen: 40.644 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.071 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

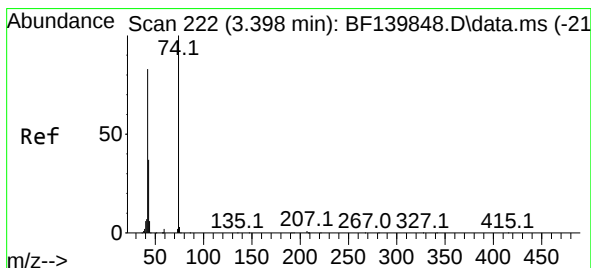
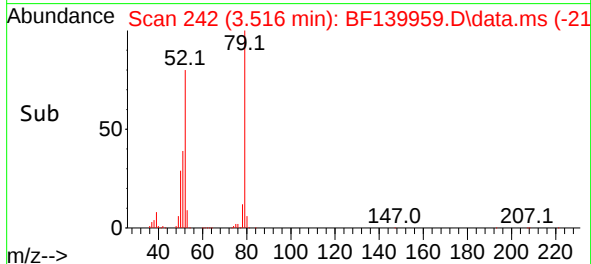
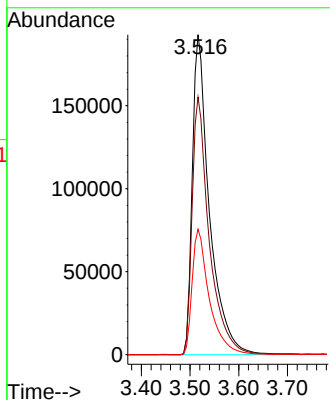
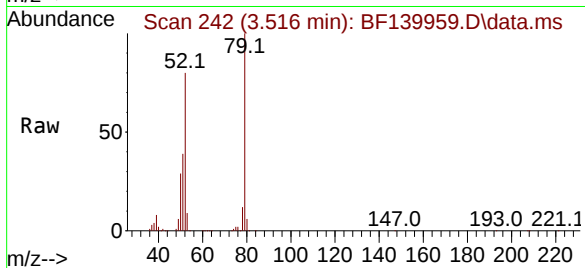
Tgt Ion: 79 Resp: 471114

Ion Ratio Lower Upper

79 100

52 80.5 68.5 102.7

51 39.2 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 42.995 ng

RT: 3.469 min Scan# 234

Delta R.T. 0.071 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

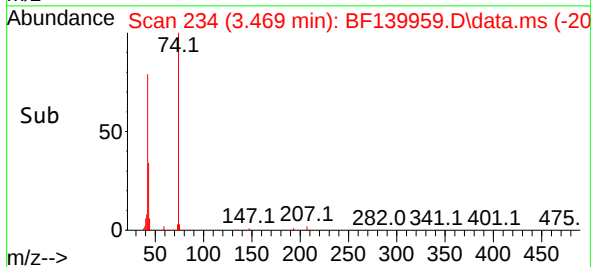
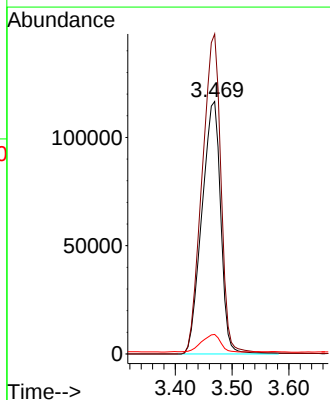
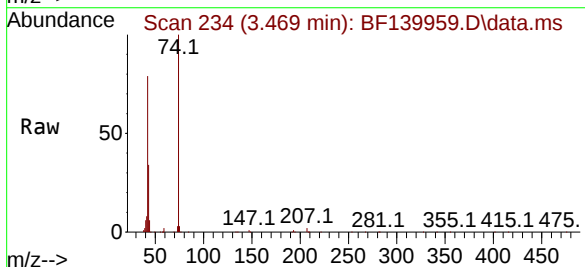
Tgt Ion: 42 Resp: 267760

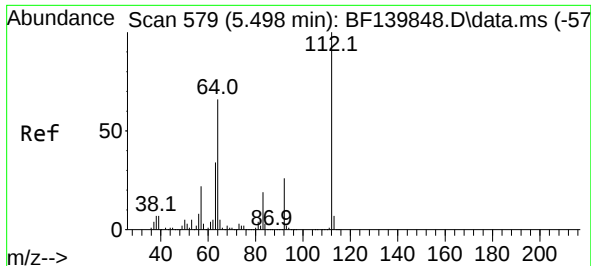
Ion Ratio Lower Upper

42 100

74 126.8 96.2 144.4

44 7.7 6.2 9.2

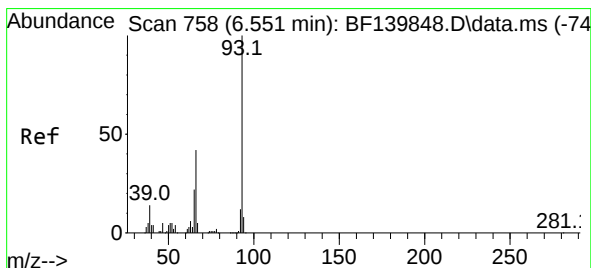
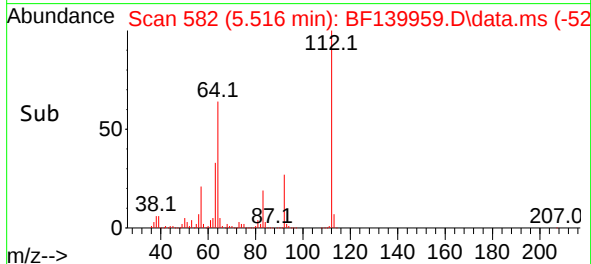
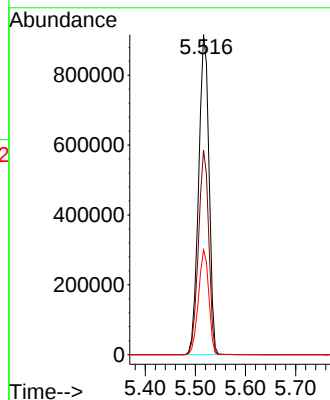
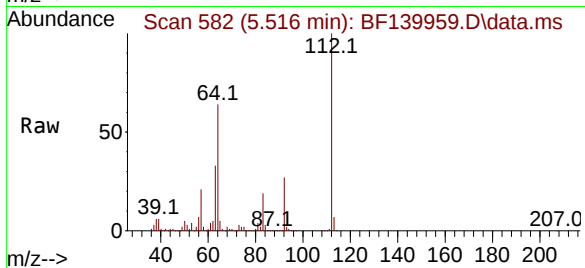




#5
2-Fluorophenol
Concen: 131.018 ng
RT: 5.516 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

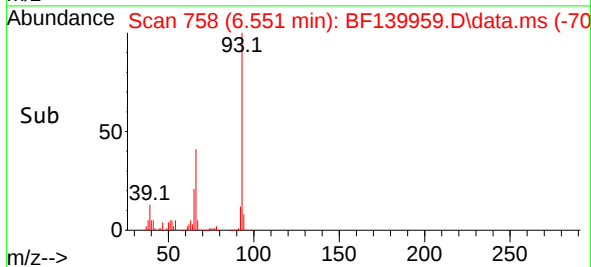
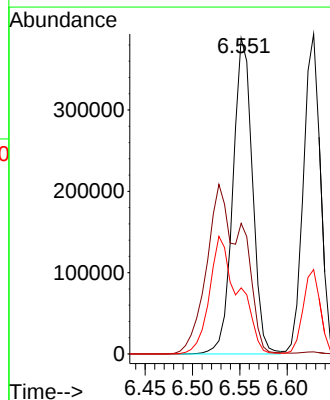
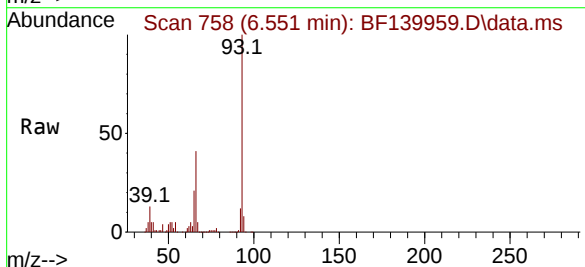
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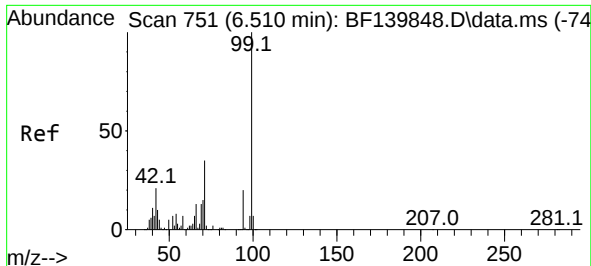
Tgt Ion:112 Resp: 1314086
Ion Ratio Lower Upper
112 100
64 63.9 53.0 79.6
63 32.8 27.0 40.4



#6
Aniline
Concen: 46.059 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion: 93 Resp: 557615
Ion Ratio Lower Upper
93 100
66 41.3 34.0 51.0
65 20.9 17.4 26.0



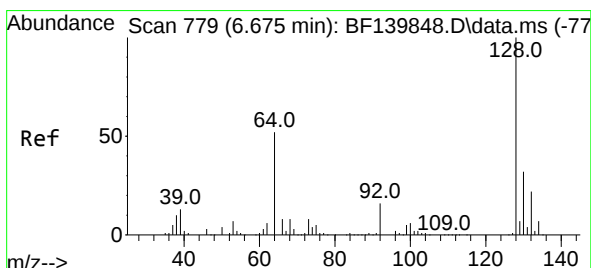
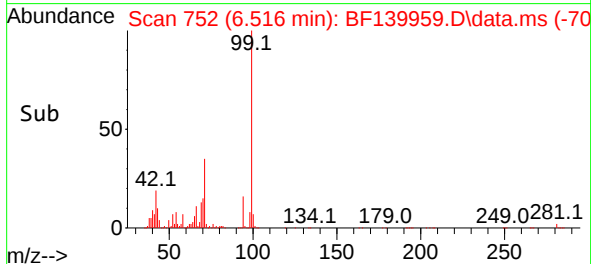
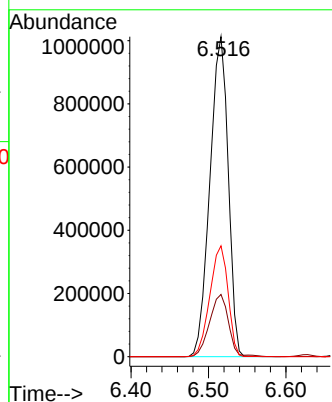
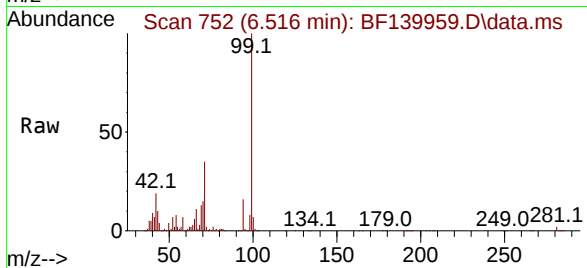


#7
Phenol-d6
Concen: 127.788 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

Tgt Ion: 99 Resp: 1659988

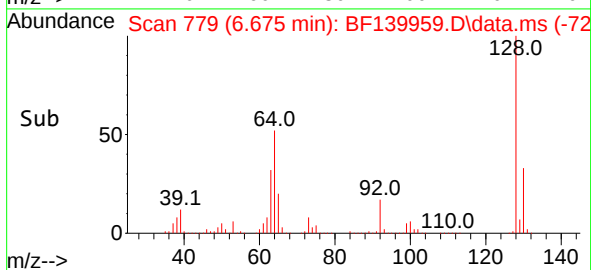
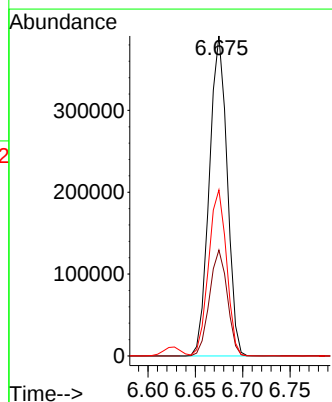
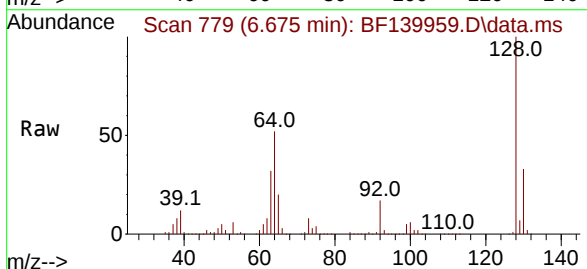
Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.7	25.1
71	34.6	27.7	41.5

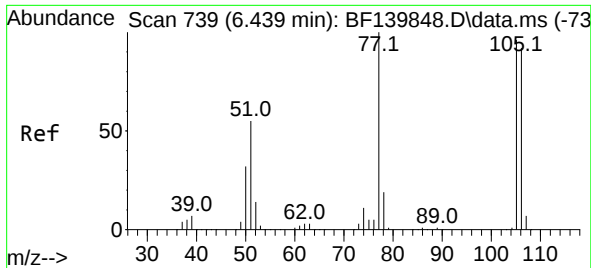


#8
2-Chlorophenol
Concen: 49.896 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion: 128 Resp: 511606

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	51.9	34.6	74.6

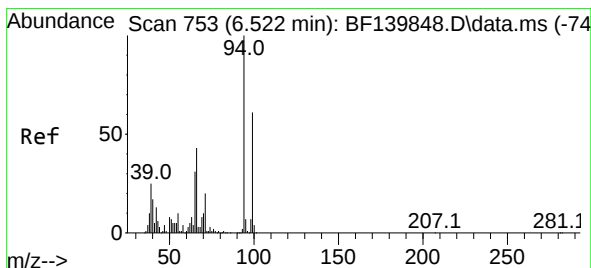
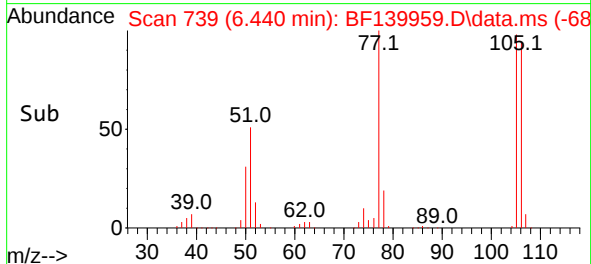
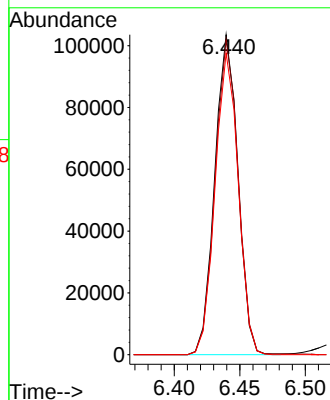
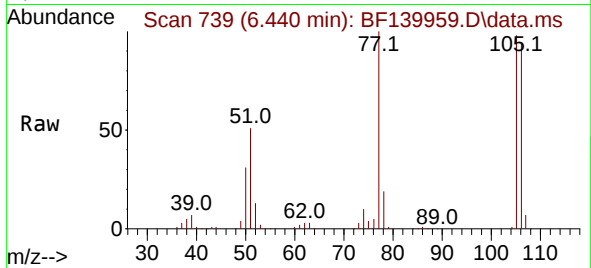




#9
Benzaldehyde
Concen: 17.355 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

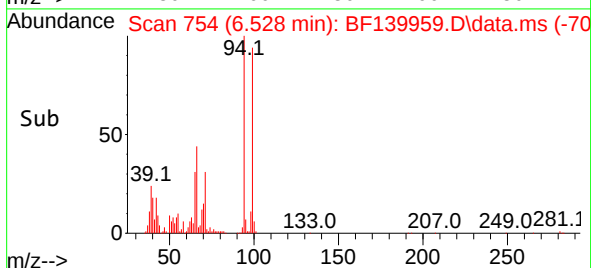
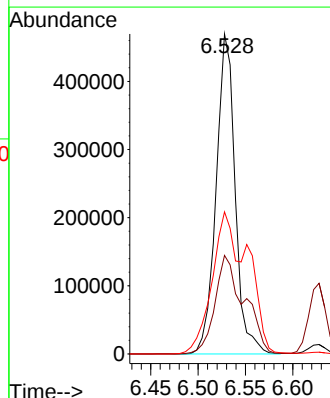
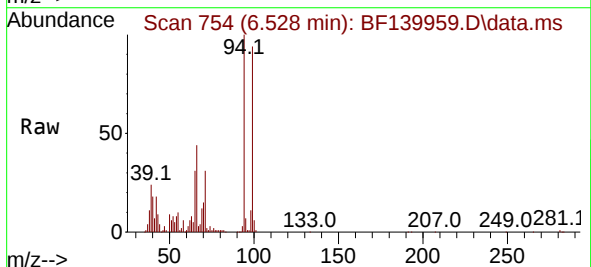
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ClientSampleId :
PB164123BS

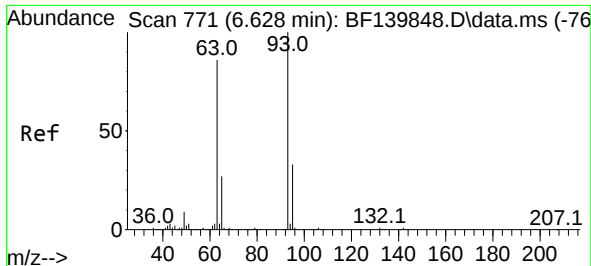
Tgt Ion: 77 Resp: 126825
Ion Ratio Lower Upper
77 100
105 98.4 75.5 115.5
106 94.2 71.7 111.7



#10
Phenol
Concen: 49.092 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion: 94 Resp: 657450
Ion Ratio Lower Upper
94 100
65 30.8 11.1 51.1
66 44.4 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 46.886 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

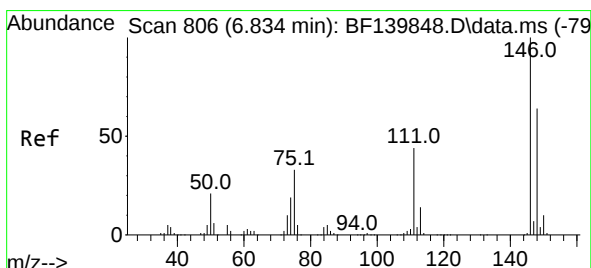
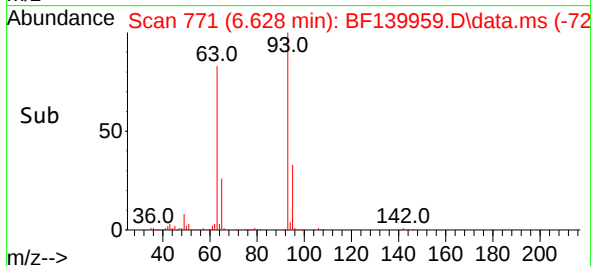
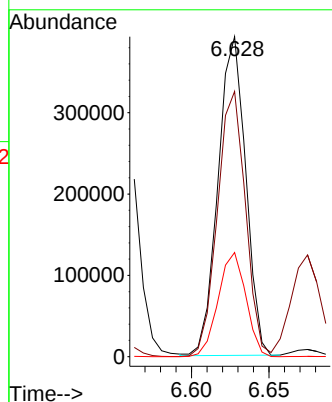
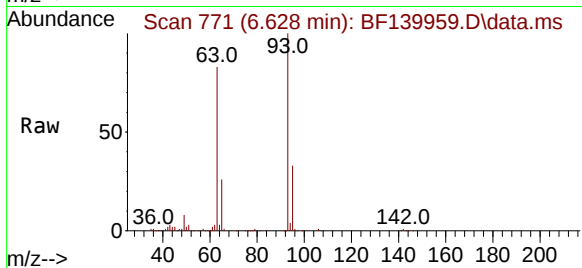
Tgt Ion: 93 Resp: 485330

Ion Ratio Lower Upper

93 100

63 82.9 65.0 105.0

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 45.640 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

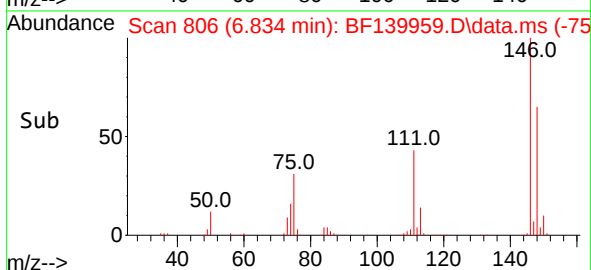
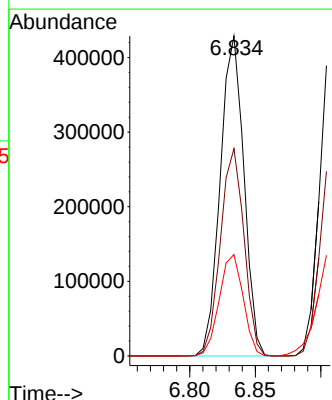
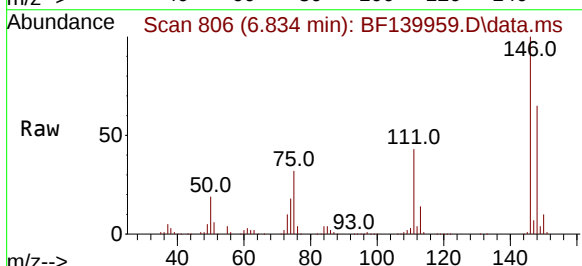
Tgt Ion: 146 Resp: 537187

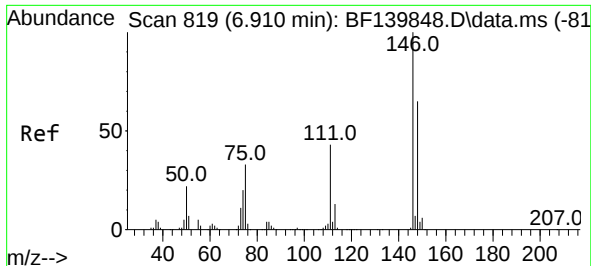
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.4

75 31.7 26.4 39.6

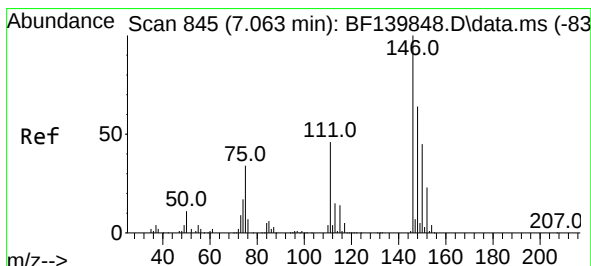
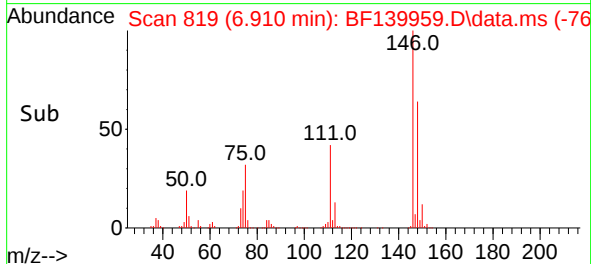
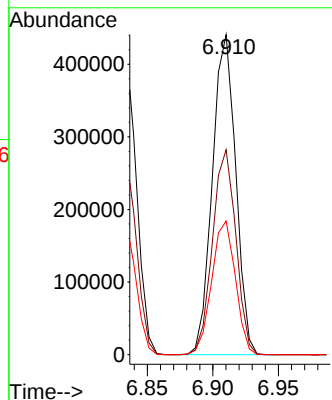
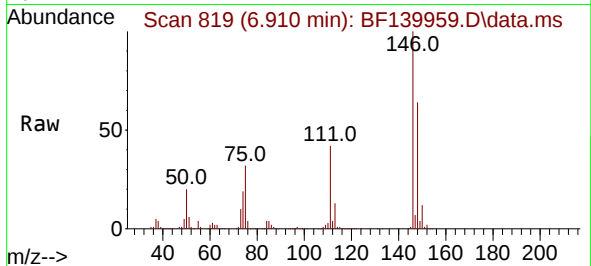




#13
1,4-Dichlorobenzene
Concen: 46.450 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

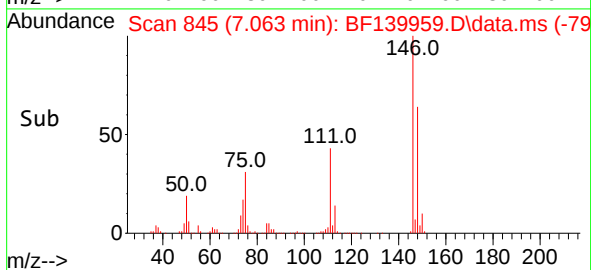
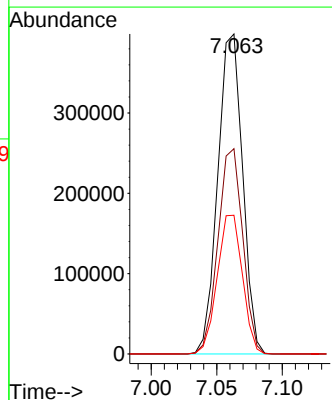
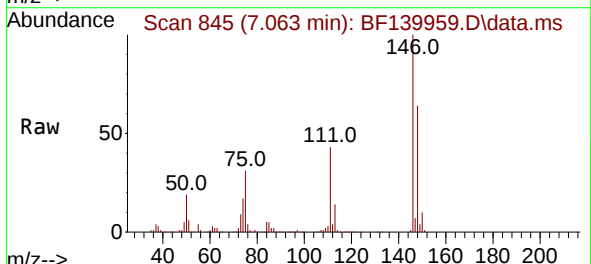
Instrument :
BNA_F
ClientSampleId :
PB164123BS

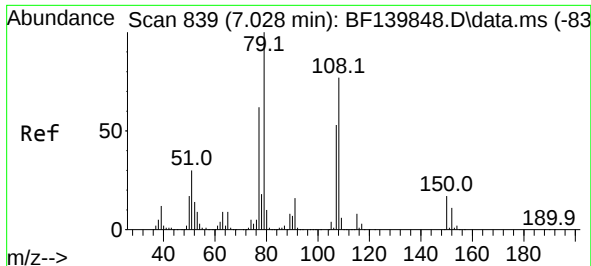
Tgt Ion:146 Resp: 546217
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
111 41.7 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 47.829 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:146 Resp: 524912
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 43.4 36.7 55.1

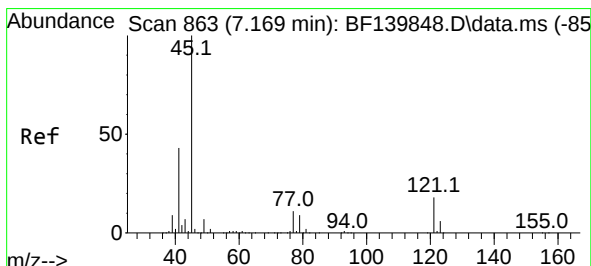
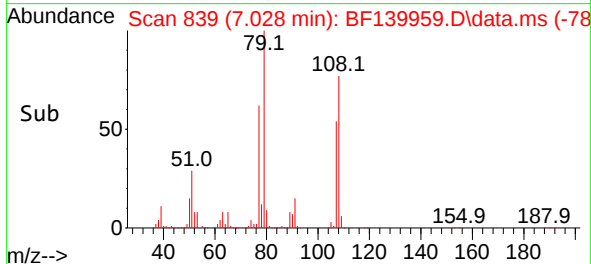
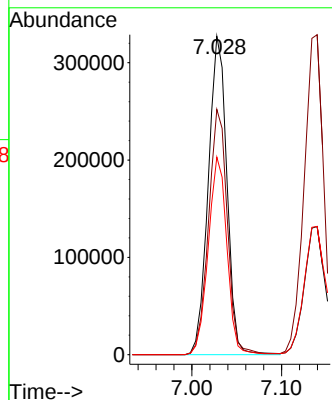
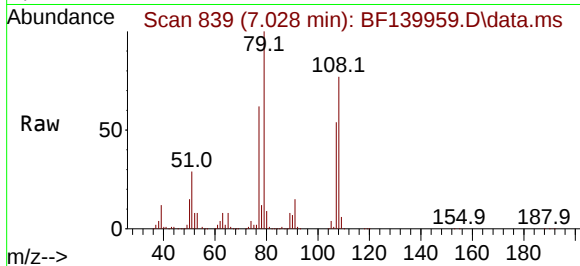




#15
Benzyl Alcohol
Concen: 49.496 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

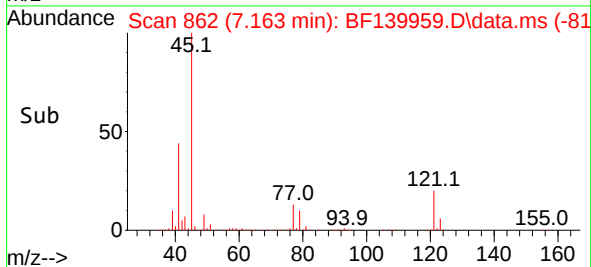
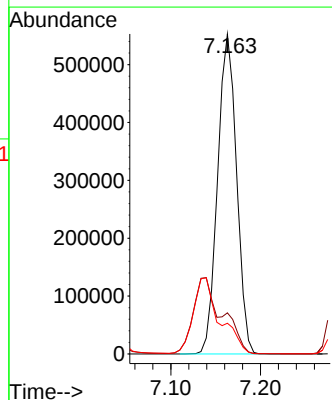
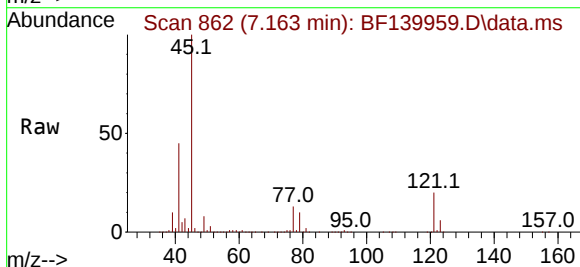
Instrument :
BNA_F
ClientSampleId :
PB164123BS

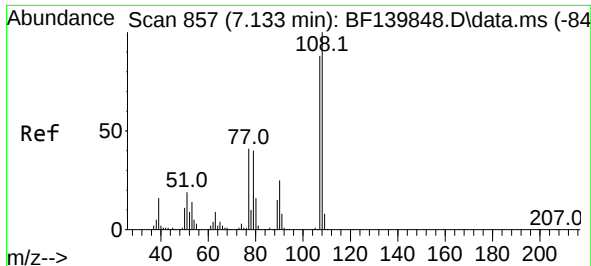
Tgt Ion: 79 Resp: 471637
Ion Ratio Lower Upper
79 100
108 77.0 61.4 92.0
77 62.1 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.925 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion: 45 Resp: 810592
Ion Ratio Lower Upper
45 100
77 12.9 0.0 31.5
79 9.6 0.0 29.1

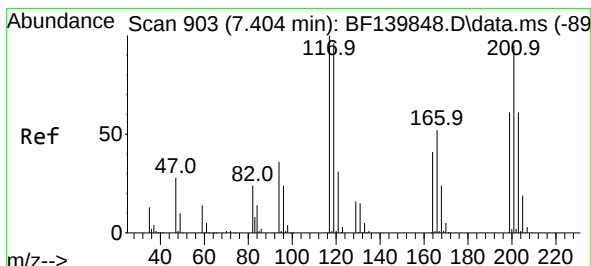
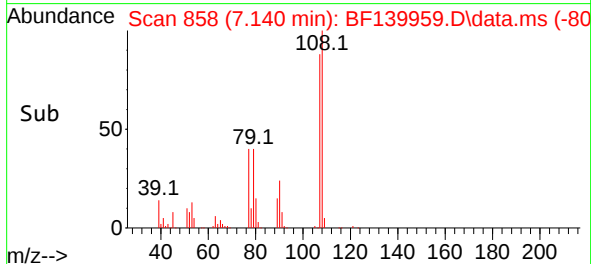
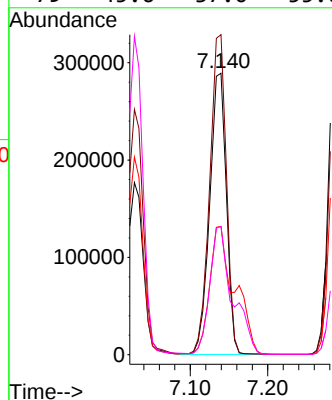
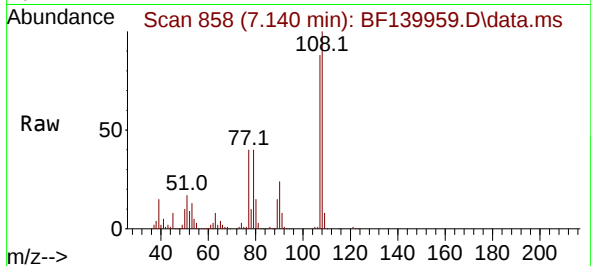




#17
2-Methylphenol
Concen: 49.370 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

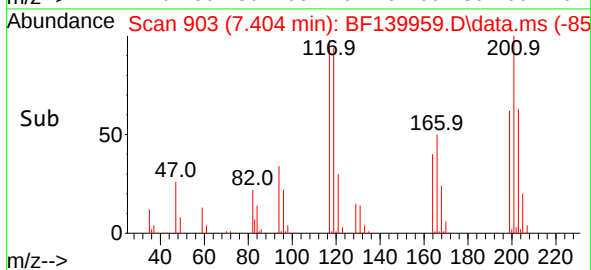
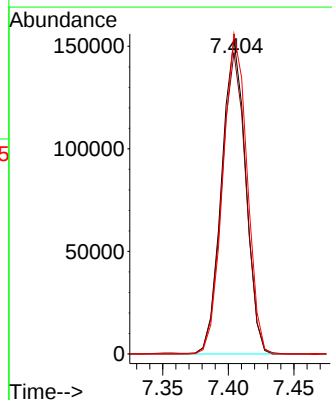
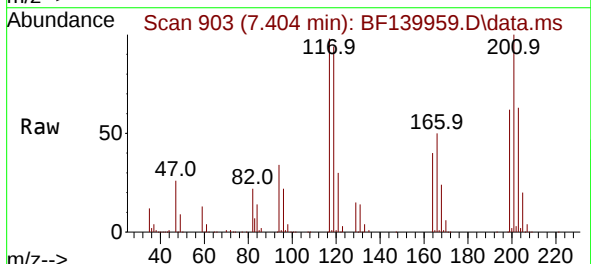
Instrument :
BNA_F
ClientSampleId :
PB164123BS

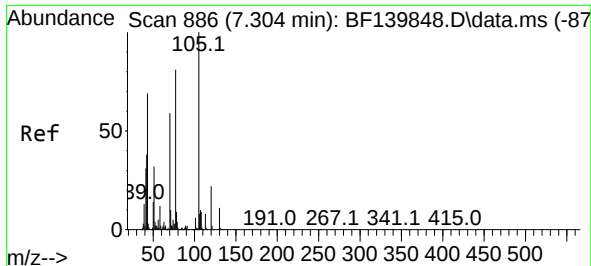
Tgt Ion:	107	Resp:	431652
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.3	136.9
77	45.6	37.1	55.7
79	45.6	37.0	55.6



#18
Hexachloroethane
Concen: 46.512 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:	117	Resp:	195039
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.0	115.4
201	101.8	76.2	114.4



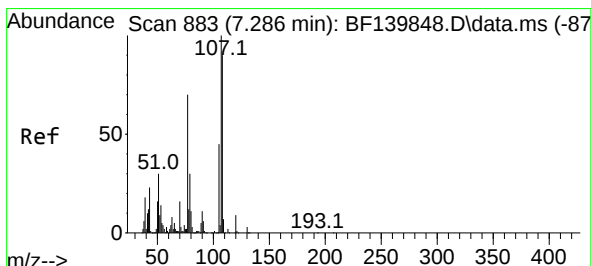
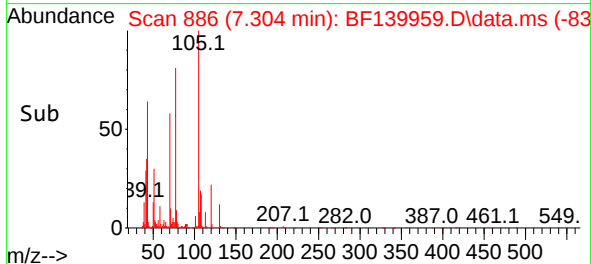
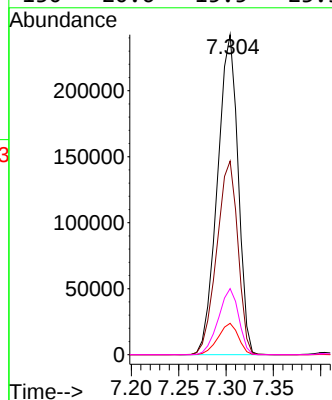
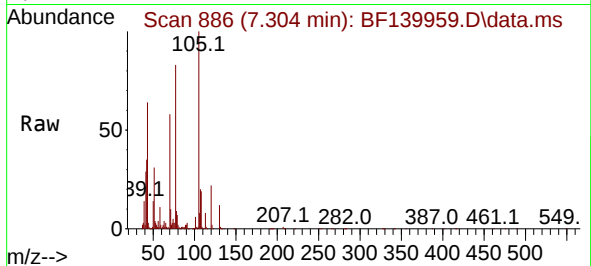


#19
n-Nitroso-di-n-propylamine
Concen: 46.651 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

Tgt Ion: 70 Resp: 367544

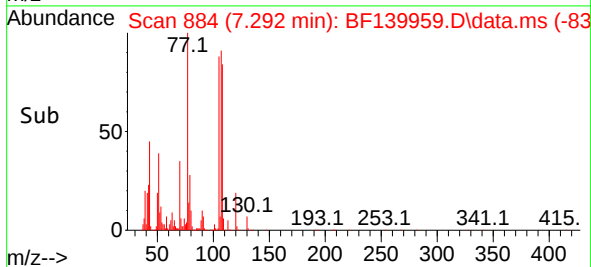
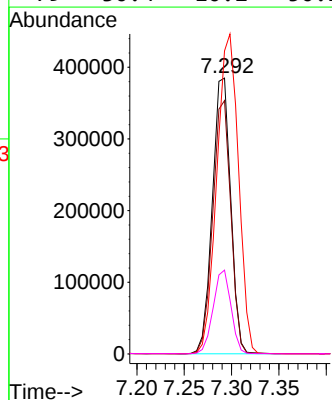
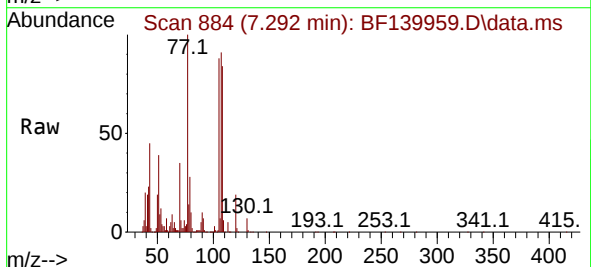
Ion	Ratio	Lower	Upper
70	100		
42	60.5	51.5	77.3
101	9.8	7.5	11.3
130	20.6	15.5	23.3

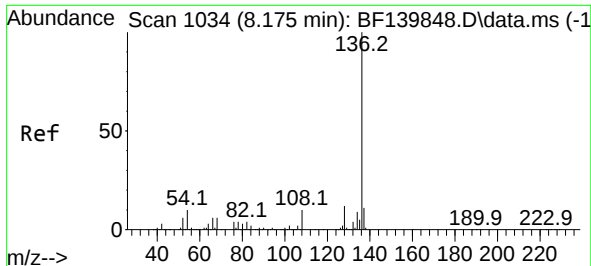


#20
3+4-Methylphenols
Concen: 46.396 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion: 107 Resp: 518857

Ion	Ratio	Lower	Upper
107	100		
108	91.9	69.8	109.8
77	109.8	50.5	90.5#
79	30.4	10.2	50.2



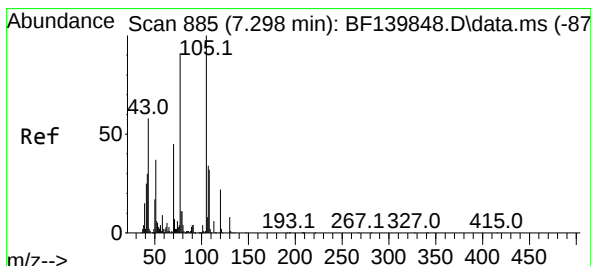
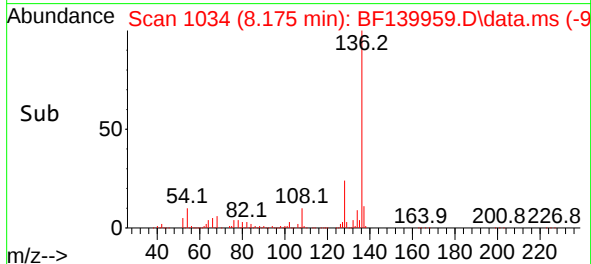
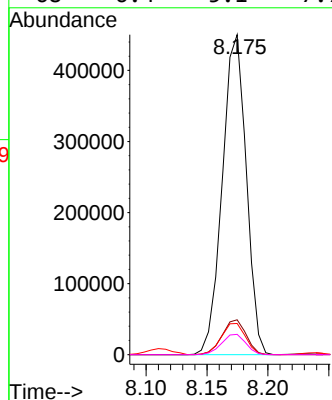
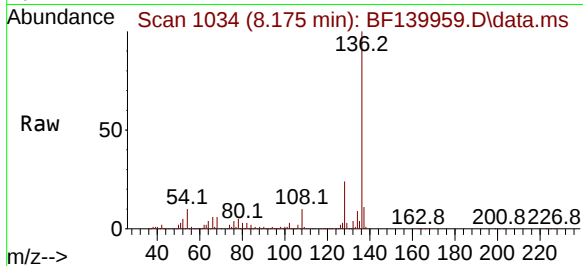


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

Tgt Ion:136 Resp: 616380

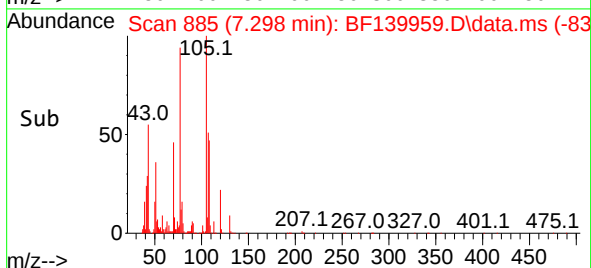
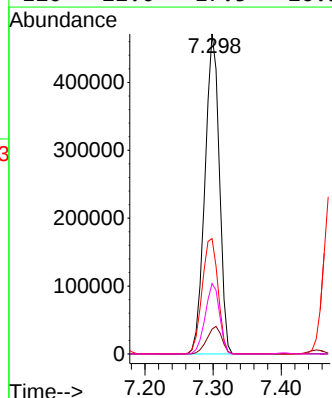
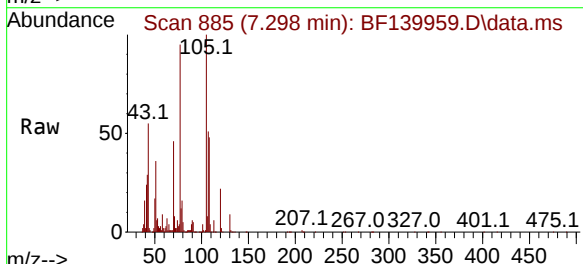
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.7	8.4	12.6
68	6.4	5.1	7.7

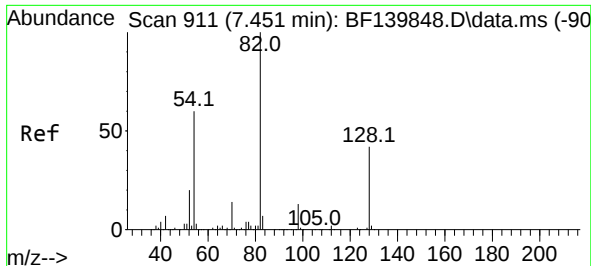


#22
Acetophenone
Concen: 45.895 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:105 Resp: 692884

Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.9	8.9
51	36.1	29.4	44.2
120	22.0	17.5	26.3





#23

Nitrobenzene-d5

Concen: 96.858 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

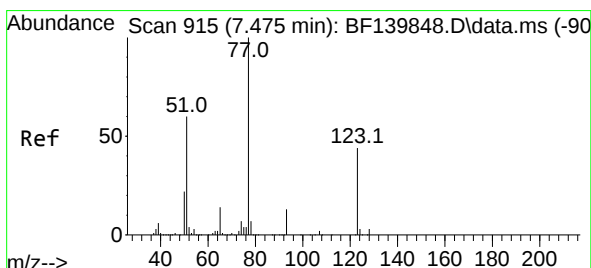
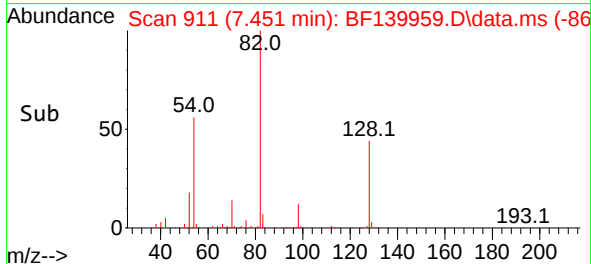
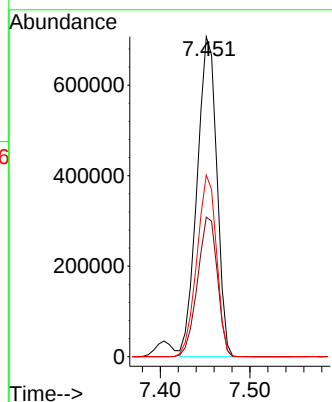
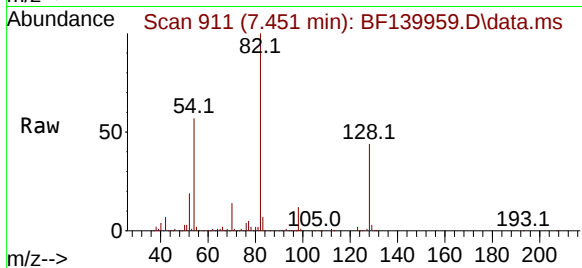
BNA_F

ClientSampleId :

PB164123BS

Tgt Ion: 82 Resp: 1077187

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.0
54	56.7	47.8	71.8



#24

Nitrobenzene

Concen: 45.551 ng

RT: 7.475 min Scan# 915

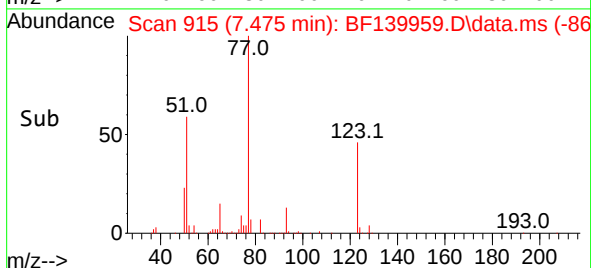
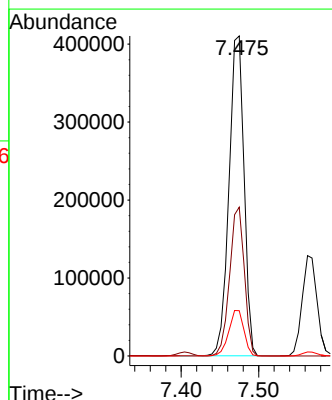
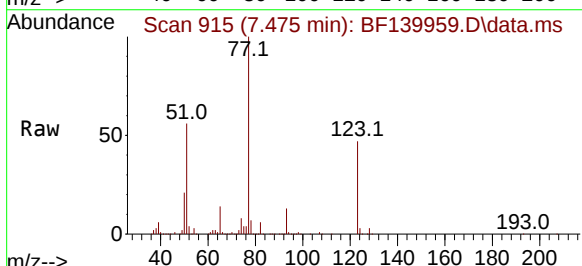
Delta R.T. 0.000 min

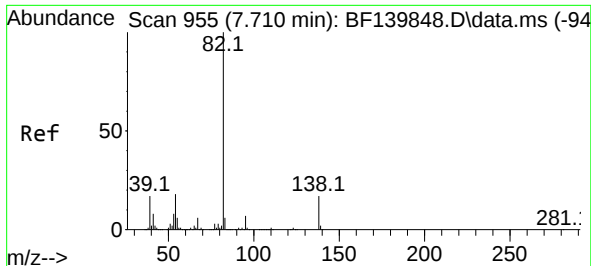
Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Tgt Ion: 77 Resp: 555417

Ion	Ratio	Lower	Upper
77	100		
123	46.5	35.7	53.5
65	14.2	11.5	17.3

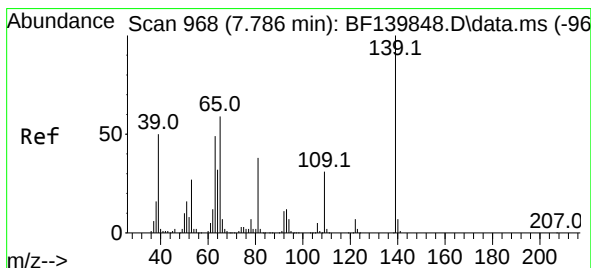
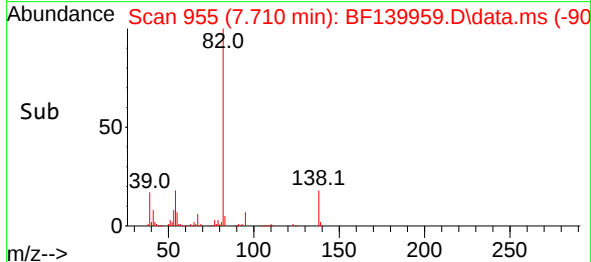
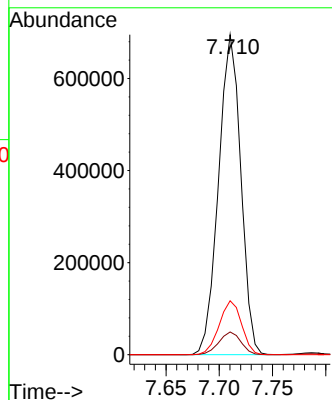
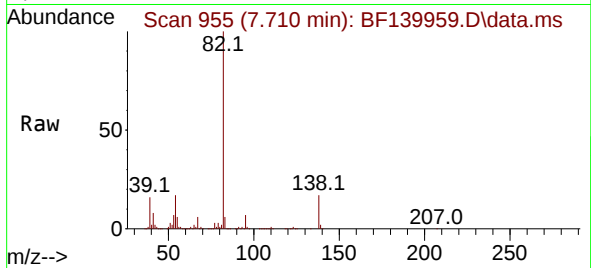




#25
Isophorone
Concen: 47.838 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

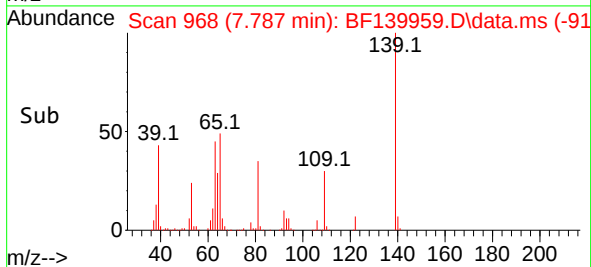
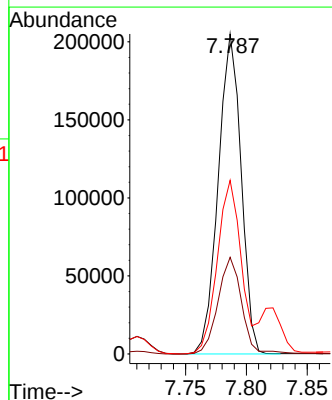
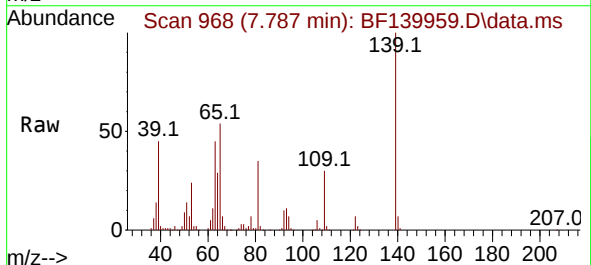
Instrument :
BNA_F
ClientSampleId :
PB164123BS

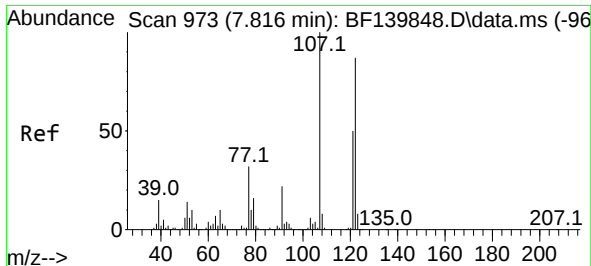
Tgt Ion: 82 Resp: 1009777
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.8 13.2 19.8



#26
2-Nitrophenol
Concen: 58.350 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:139 Resp: 268407
Ion Ratio Lower Upper
139 100
109 30.2 25.1 37.7
65 54.3 47.5 71.3

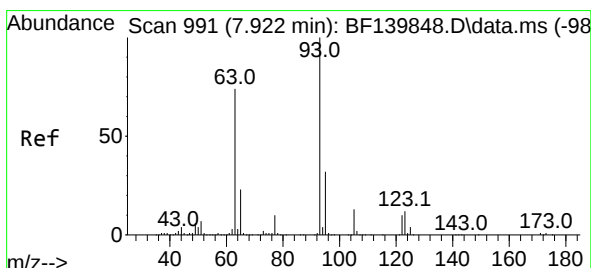
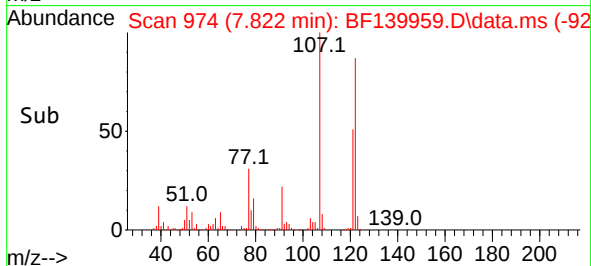
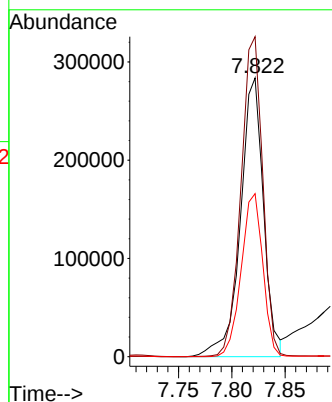
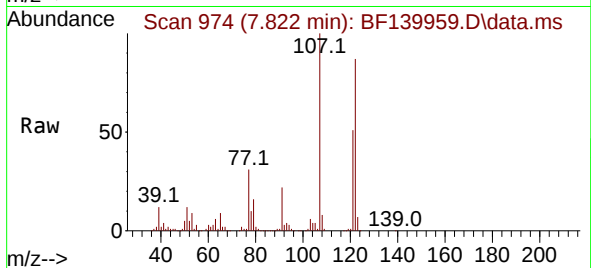




#27
2,4-Dimethylphenol
Concen: 55.805 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

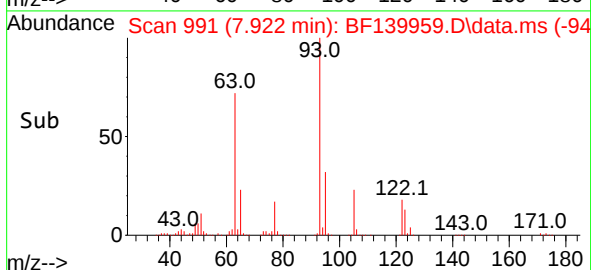
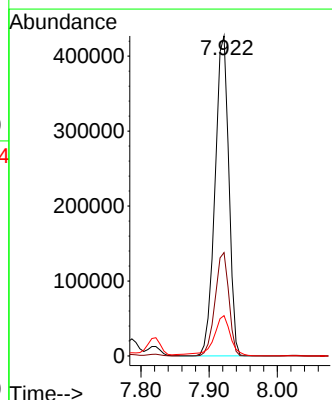
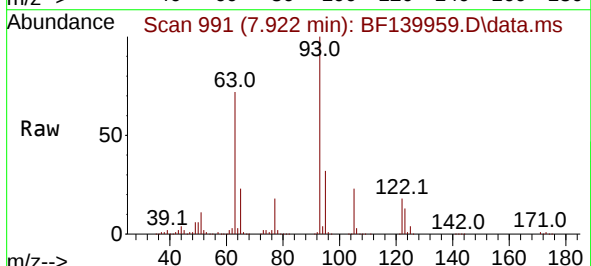
Instrument :
BNA_F
ClientSampleId :
PB164123BS

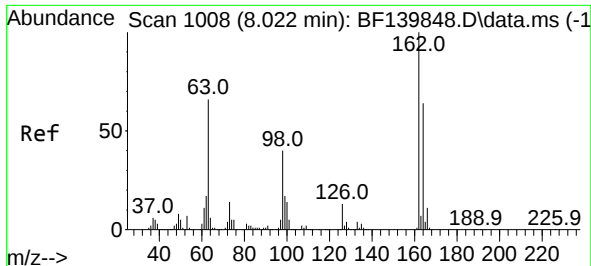
Tgt Ion:122 Resp: 428034
Ion Ratio Lower Upper
122 100
107 114.8 91.9 137.9
121 58.5 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 46.984 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion: 93 Resp: 600864
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 12.6 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 48.743 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

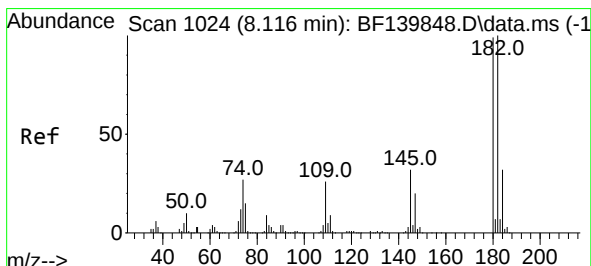
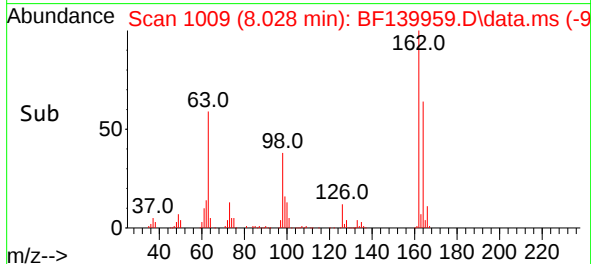
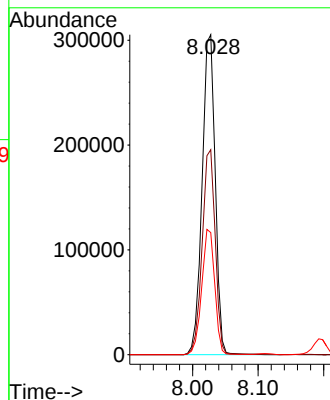
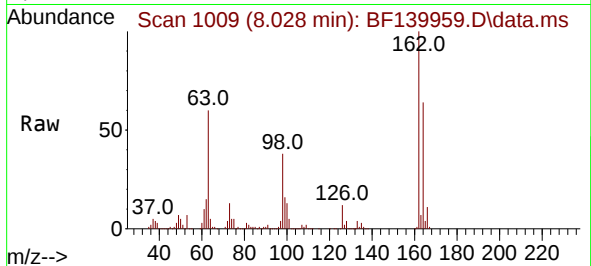
Tgt Ion:162 Resp: 425845

Ion Ratio Lower Upper

162 100

164 64.1 43.9 83.9

98 38.2 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 45.763 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

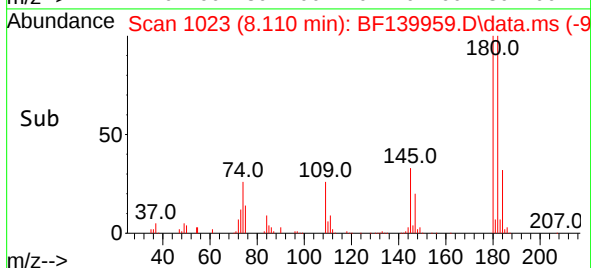
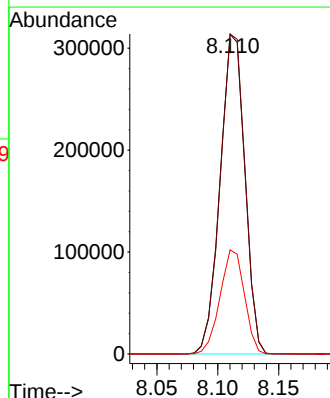
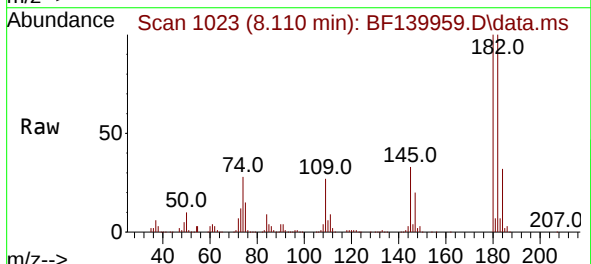
Tgt Ion:180 Resp: 442395

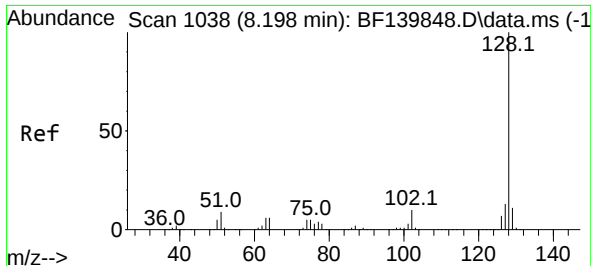
Ion Ratio Lower Upper

180 100

182 100.1 80.5 120.7

145 32.6 25.4 38.0

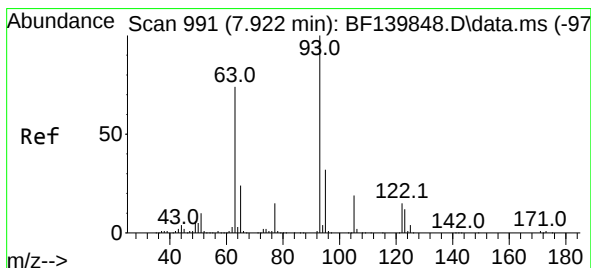
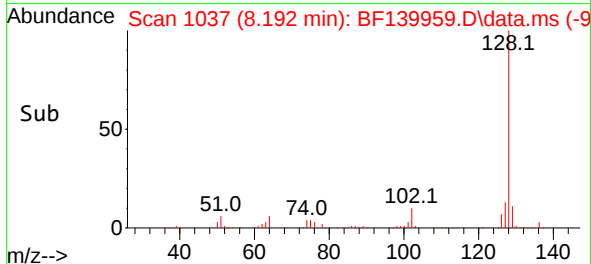
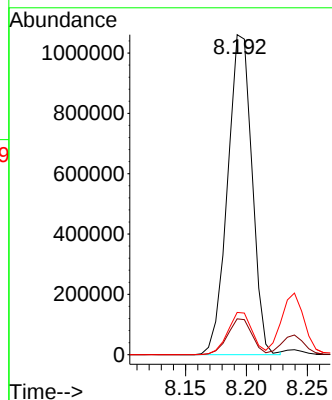
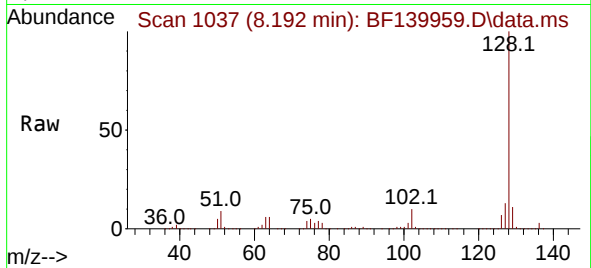




#31
Naphthalene
Concen: 46.572 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

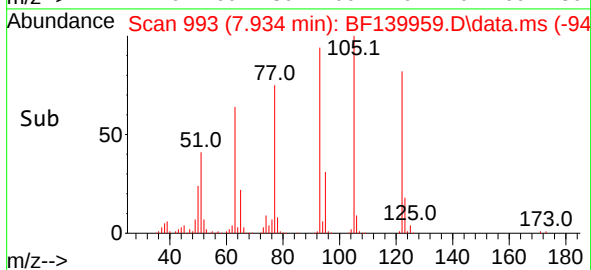
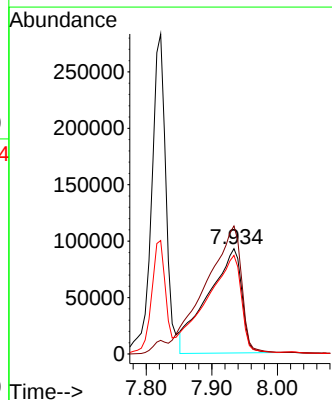
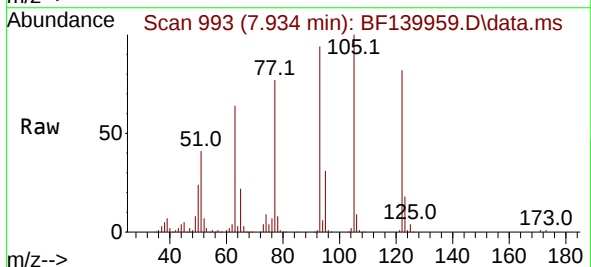
Instrument :
BNA_F
ClientSampleId :
PB164123BS

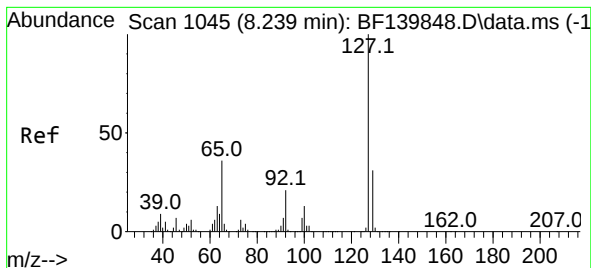
Tgt Ion:128 Resp: 1480485
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 49.522 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:122 Resp: 331294
Ion Ratio Lower Upper
122 100
105 121.7 107.6 147.6
77 93.6 80.2 120.2



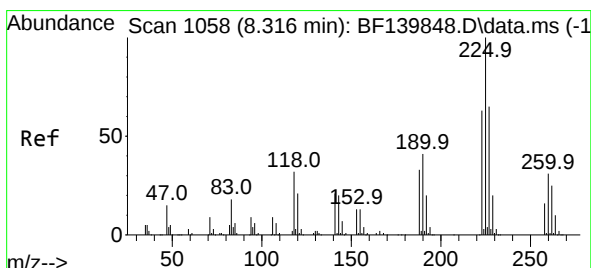
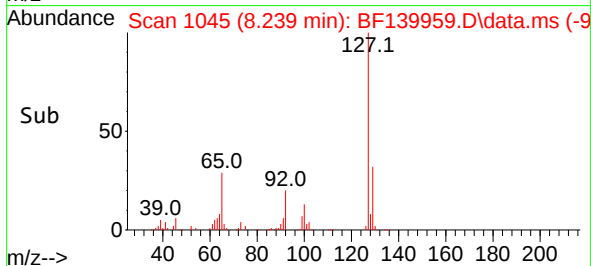
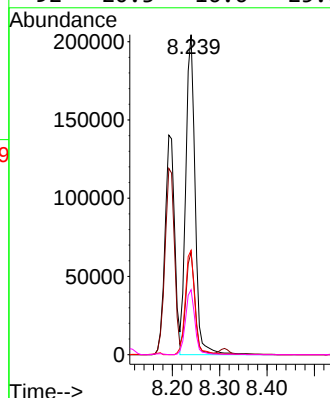
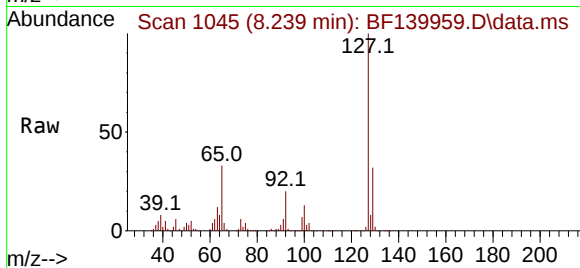


#33
4-Chloroaniline
Concen: 25.792 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

Tgt Ion:127 Resp: 279577

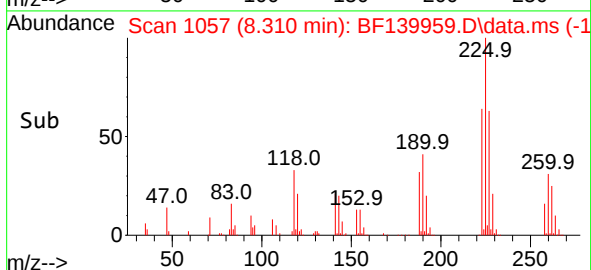
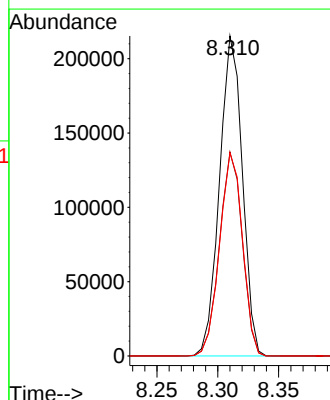
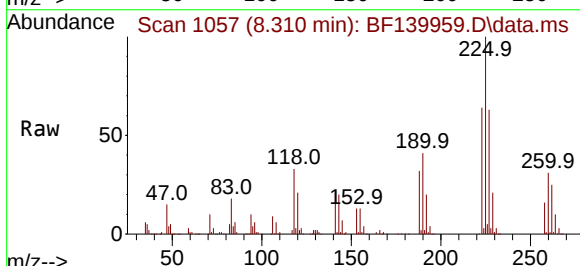
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	32.6	28.4	42.6
92	20.3	16.6	25.0

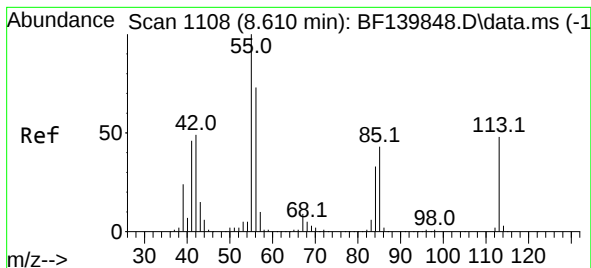


#34
Hexachlorobutadiene
Concen: 46.339 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:225 Resp: 281463

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	63.5	51.8	77.8





#35

Caprolactam

Concen: 32.314 ng

RT: 8.610 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

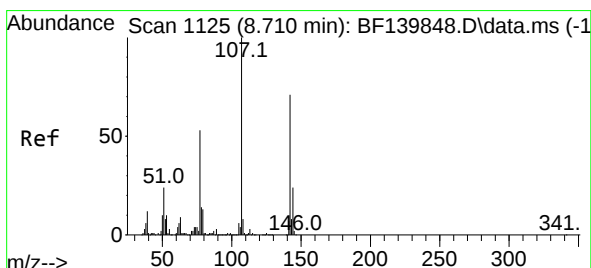
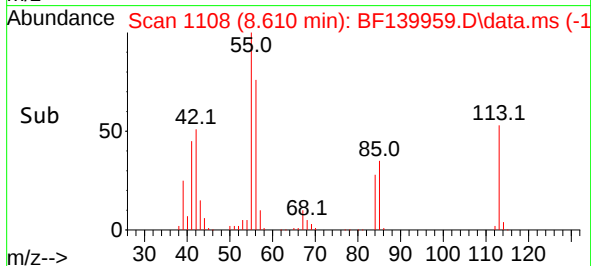
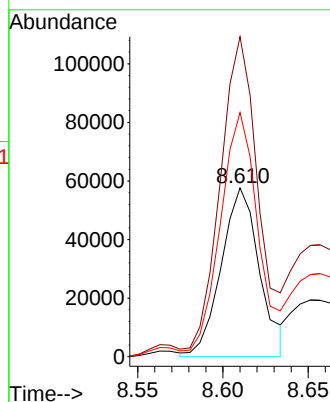
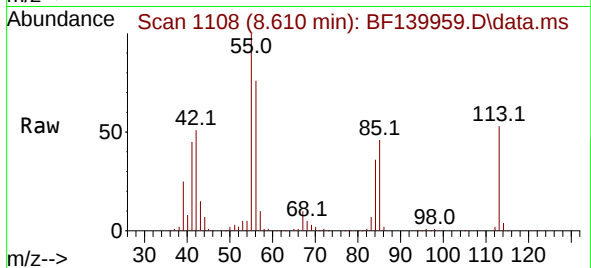
Tgt Ion:113 Resp: 89766

Ion Ratio Lower Upper

113 100

55 189.6 189.2 229.2

56 144.7 132.5 172.5



#36

4-Chloro-3-methylphenol

Concen: 48.707 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

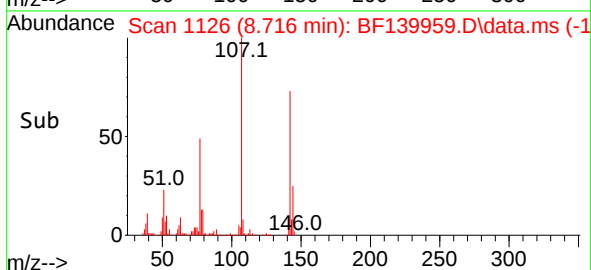
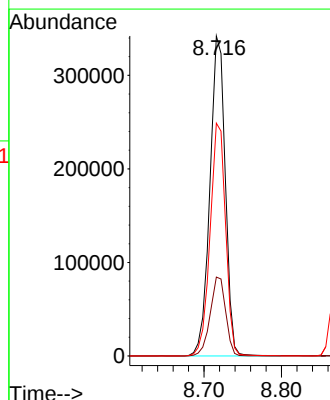
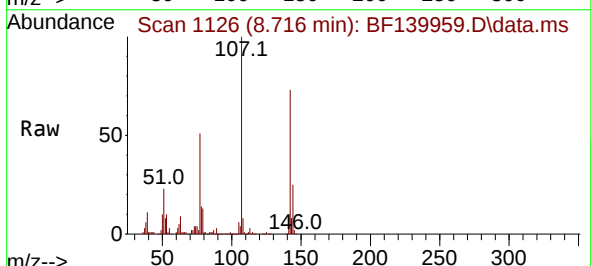
Tgt Ion:107 Resp: 471188

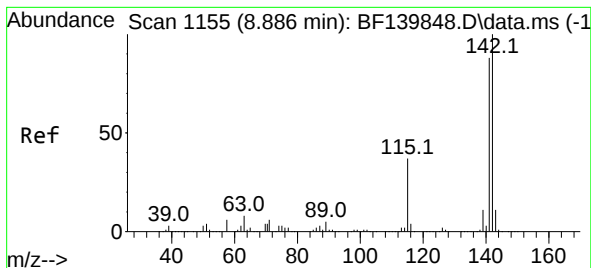
Ion Ratio Lower Upper

107 100

144 24.7 19.1 28.7

142 72.7 57.2 85.8





#37

2-Methylnaphthalene

Concen: 47.983 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

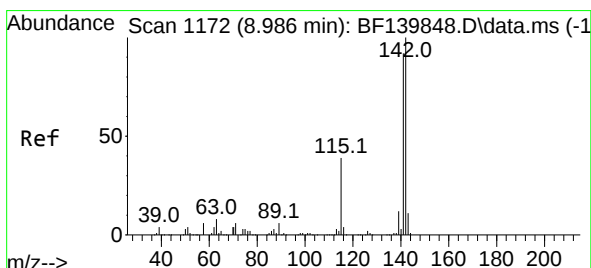
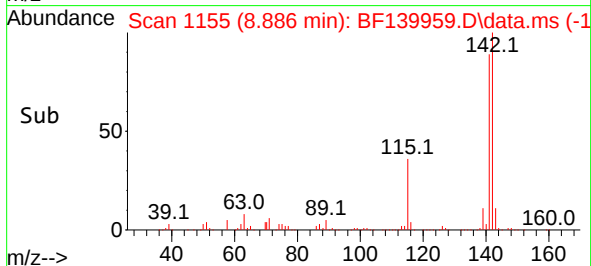
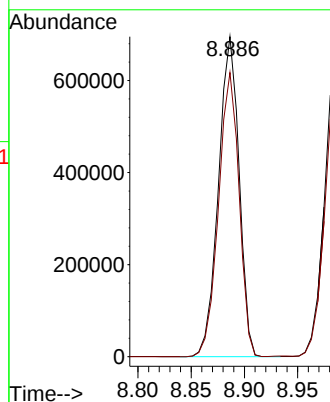
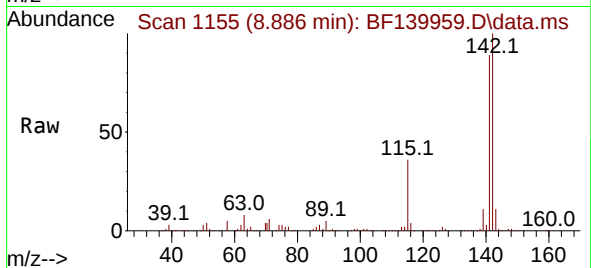
PB164123BS

Tgt Ion:142 Resp: 934188

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2



#38

1-Methylnaphthalene

Concen: 45.850 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139959.D

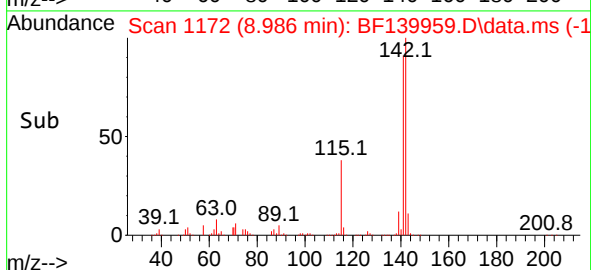
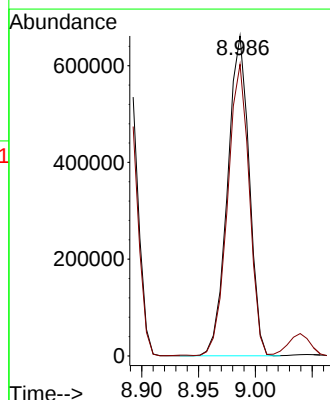
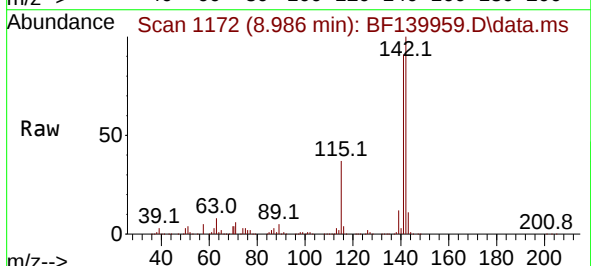
Acq: 23 Oct 2024 12:39

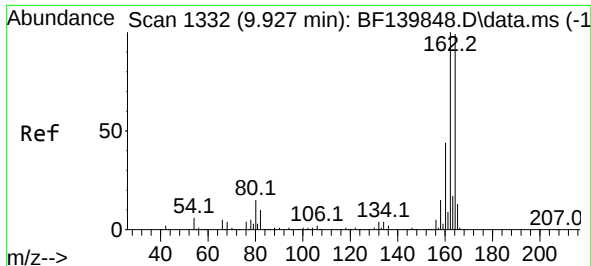
Tgt Ion:142 Resp: 875790

Ion Ratio Lower Upper

142 100

141 91.1 73.5 110.3

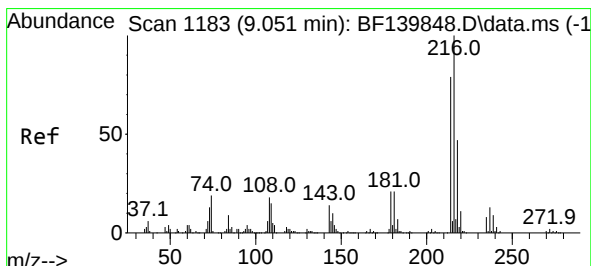
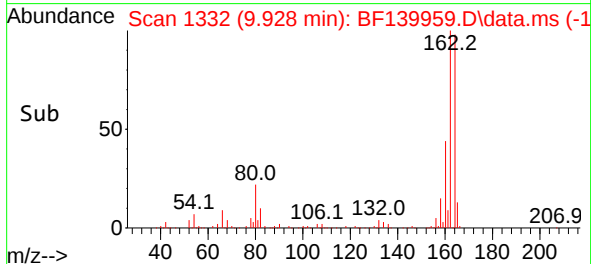
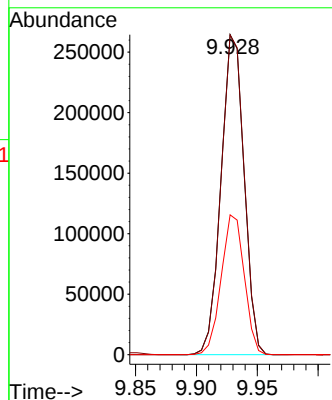
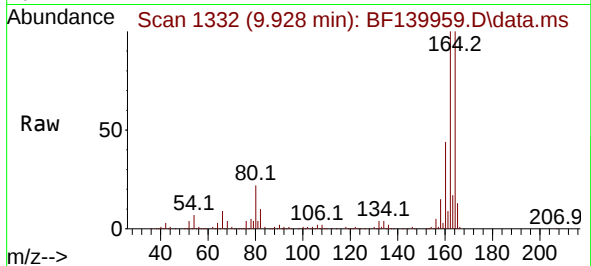




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

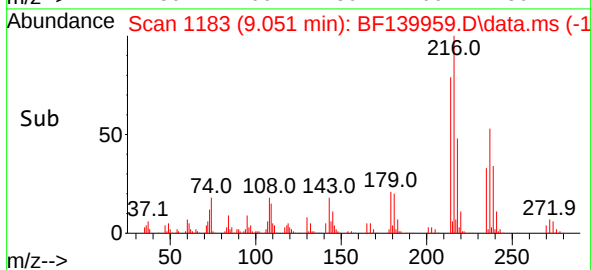
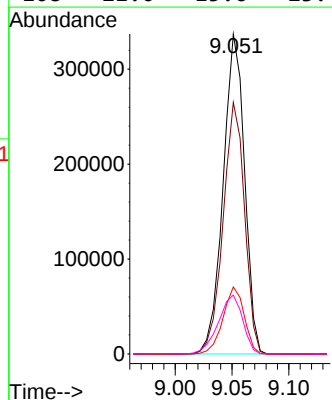
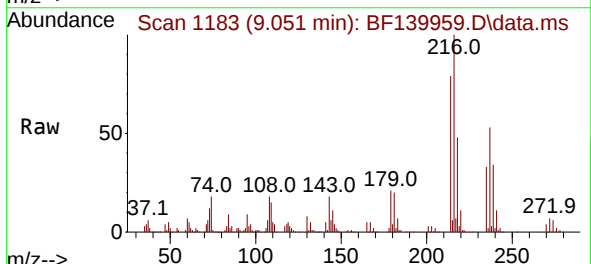
Instrument :
BNA_F
ClientSampleId :
PB164123BS

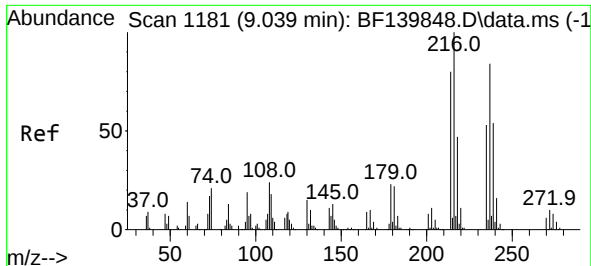
Tgt Ion:164 Resp: 348472
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 43.7 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.006 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

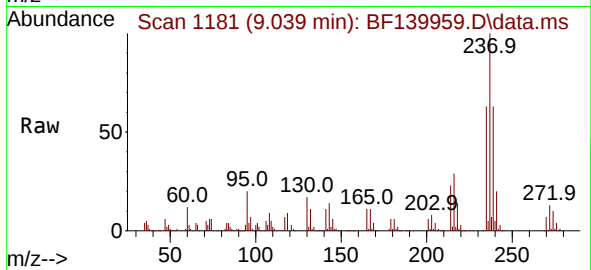
Tgt Ion:216 Resp: 441914
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.0
179 20.8 17.2 25.8
108 21.0 15.6 23.4



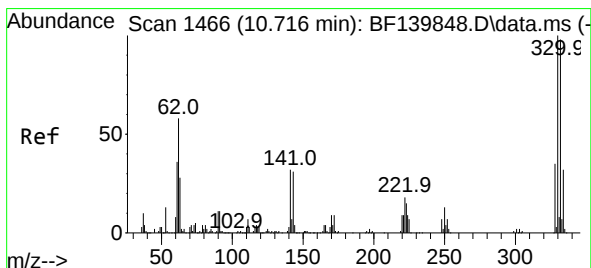
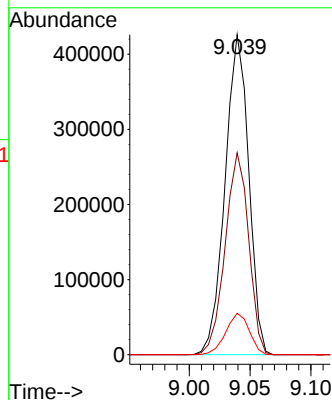
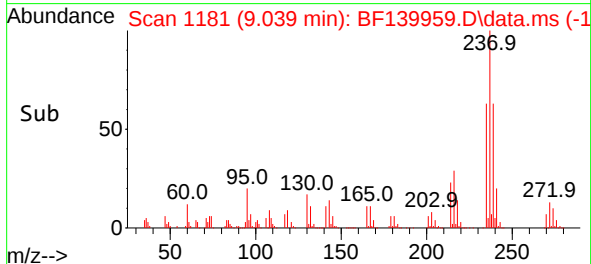


#41
Hexachlorocyclopentadiene
Concen: 175.926 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

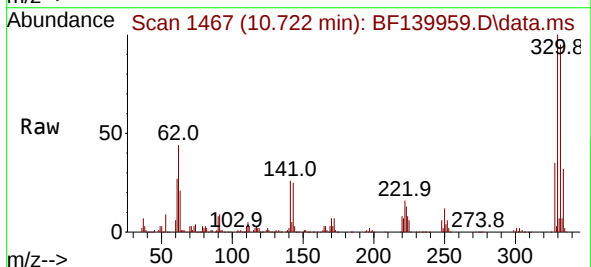
Instrument :
BNA_F
ClientSampleId :
PB164123BS



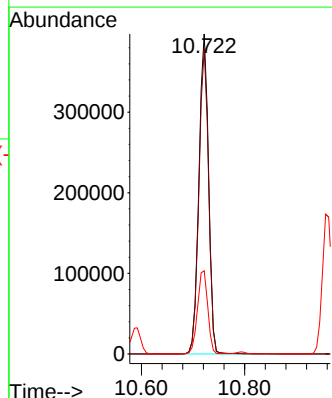
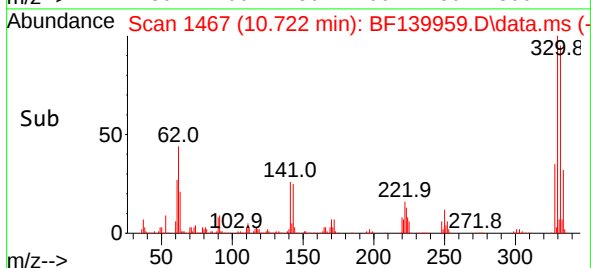
Tgt Ion:237 Resp: 575484
Ion Ratio Lower Upper
237 100
235 63.1 42.9 82.9
272 12.9 0.0 32.3

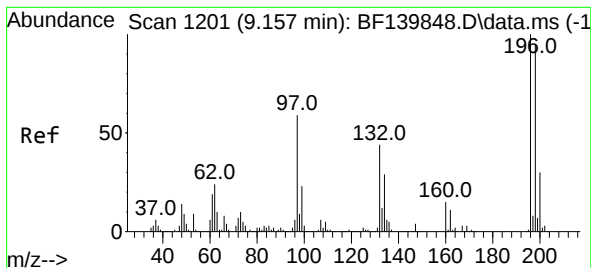


#42
2,4,6-Tribromophenol
Concen: 158.016 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39



Tgt Ion:330 Resp: 515054
Ion Ratio Lower Upper
330 100
332 95.4 78.1 117.1
141 27.6 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 50.889 ng

RT: 9.163 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

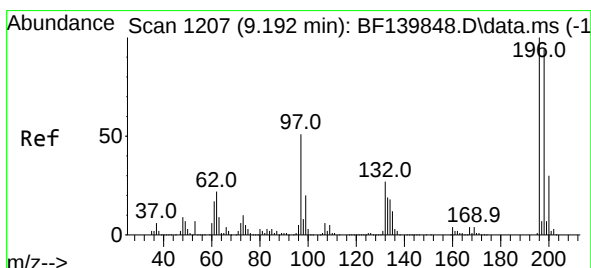
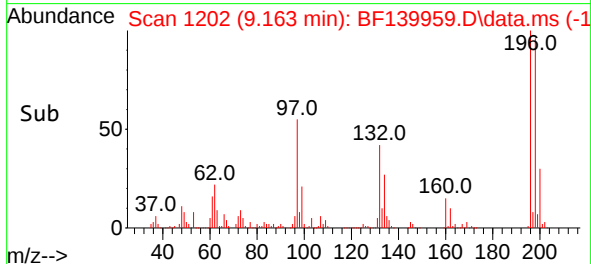
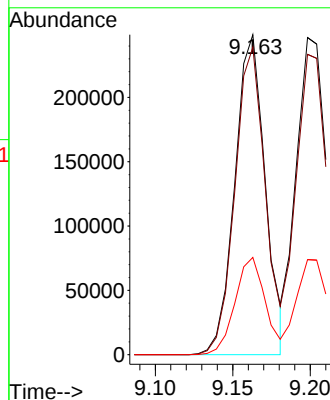
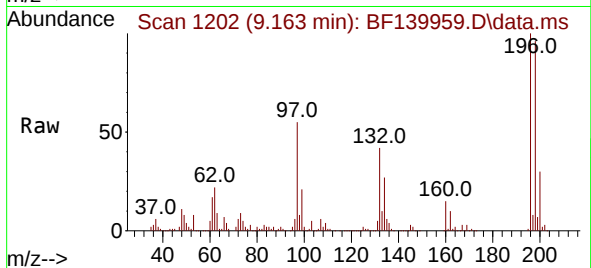
Tgt Ion:196 Resp: 338719

Ion Ratio Lower Upper

196 100

198 96.1 76.2 114.2

200 30.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 49.501 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Tgt Ion:196 Resp: 339933

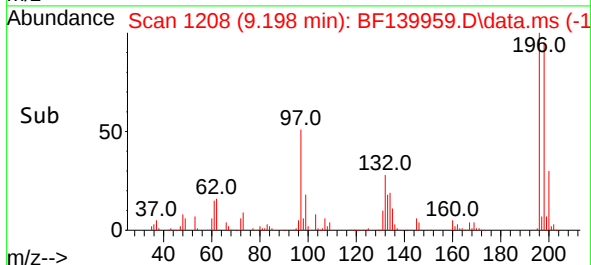
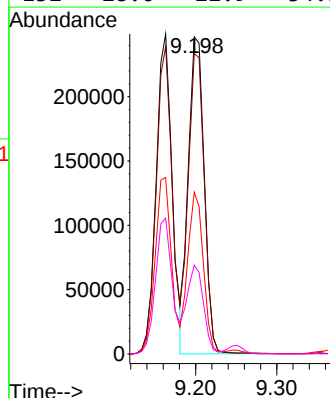
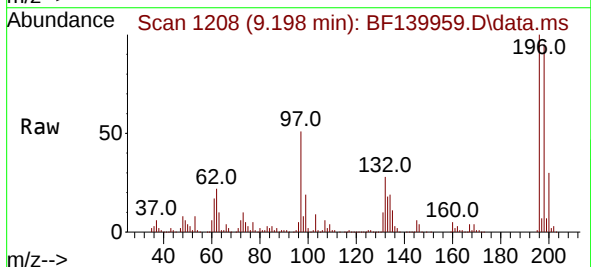
Ion Ratio Lower Upper

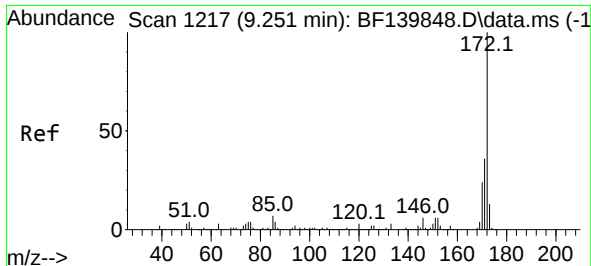
196 100

198 94.7 75.8 113.6

97 51.0 41.8 62.6

132 28.0 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 91.582 ng

RT: 9.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

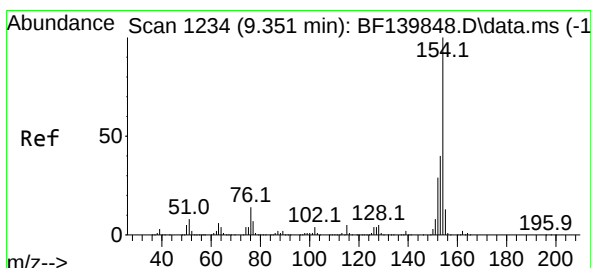
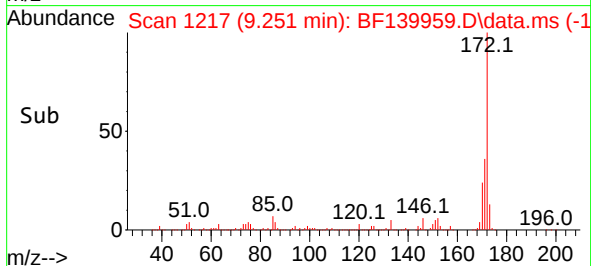
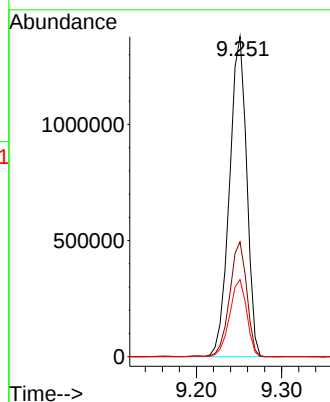
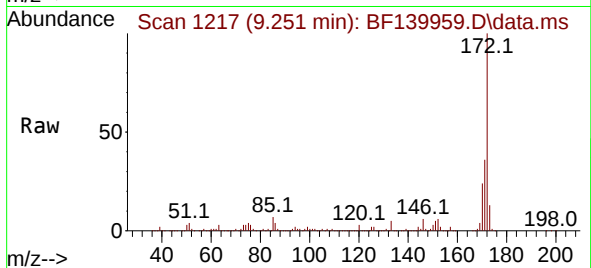
Tgt Ion:172 Resp: 1931021

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 46.445 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

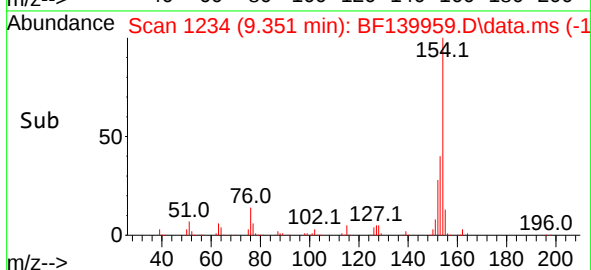
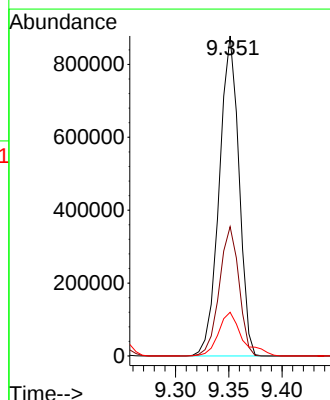
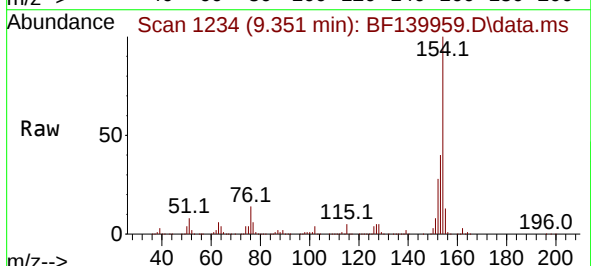
Tgt Ion:154 Resp: 1126703

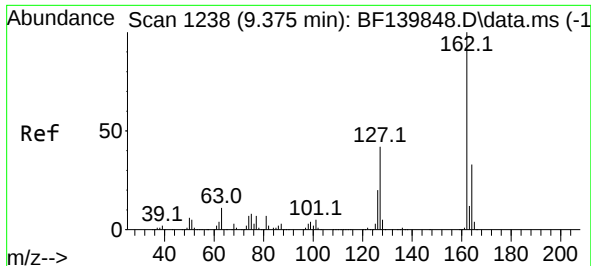
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.7 0.0 33.9

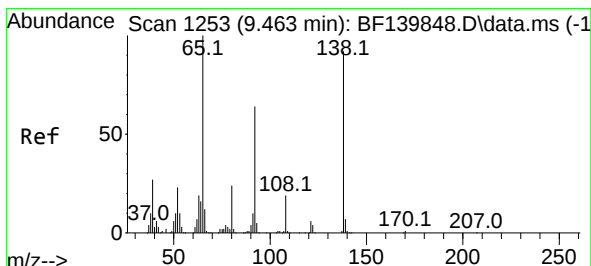
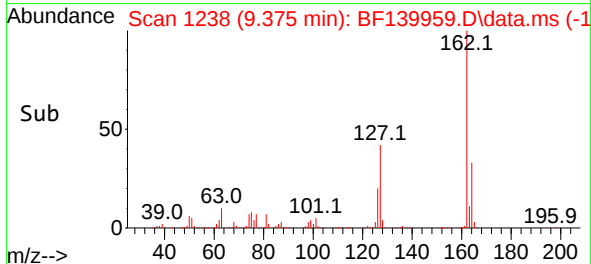
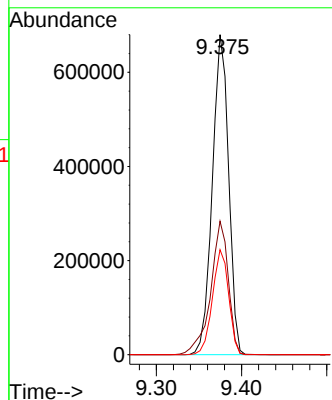
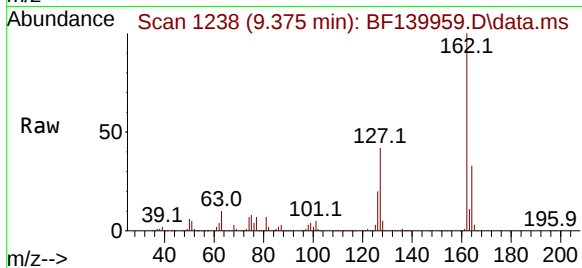




#47
2-Chloronaphthalene
Concen: 46.150 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

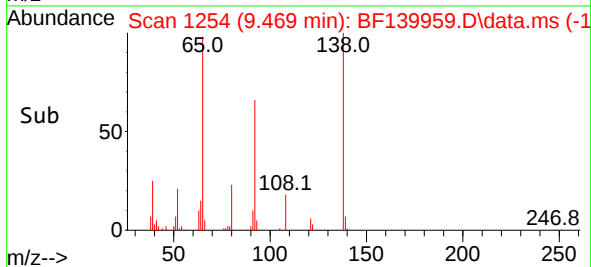
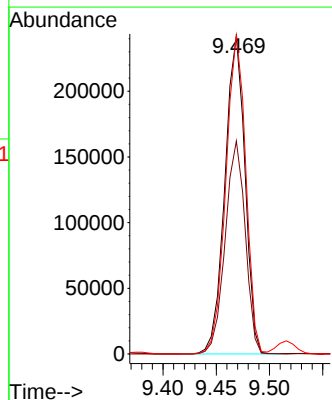
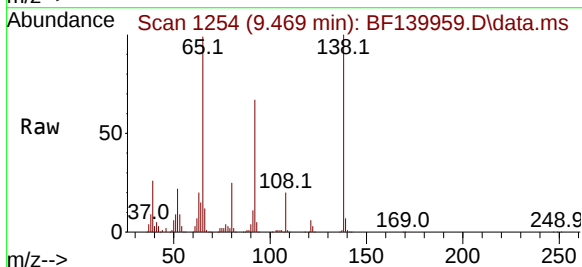
Instrument :
BNA_F
ClientSampleId :
PB164123BS

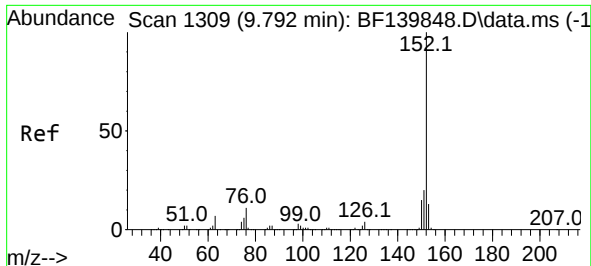
Tgt Ion:162 Resp: 901688
Ion Ratio Lower Upper
162 100
127 41.7 33.8 50.6
164 32.8 26.6 39.8



#48
2-Nitroaniline
Concen: 52.999 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion: 65 Resp: 316703
Ion Ratio Lower Upper
65 100
92 67.0 50.9 76.3
138 100.7 73.4 110.0





#49

Acenaphthylene

Concen: 49.917 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

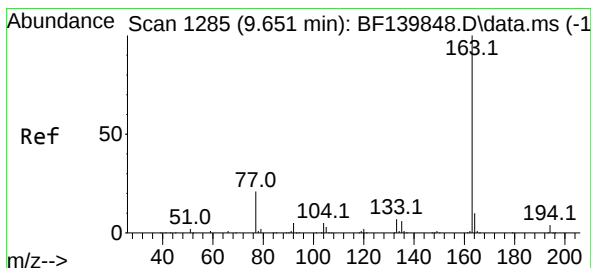
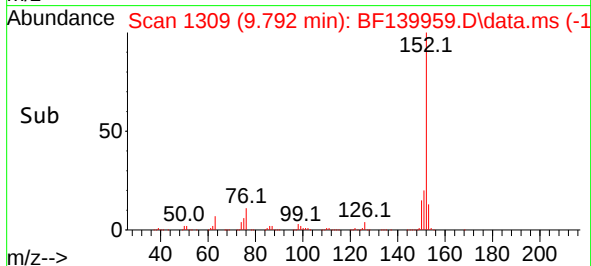
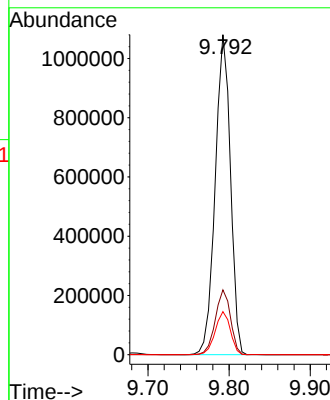
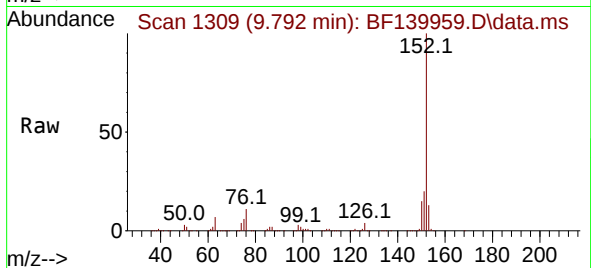
Tgt Ion:152 Resp: 1409992

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.5 10.7 16.1



#50

Dimethylphthalate

Concen: 49.337 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

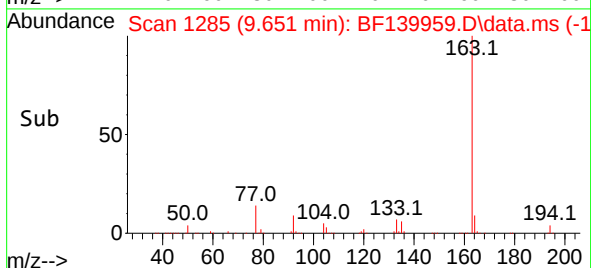
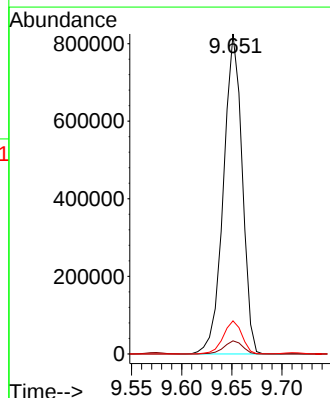
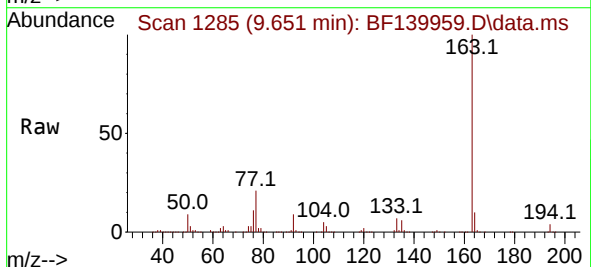
Tgt Ion:163 Resp: 1070887

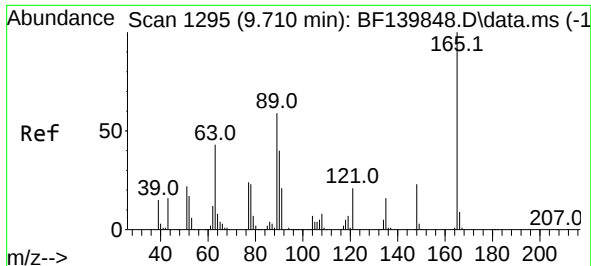
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.4 8.2 12.2

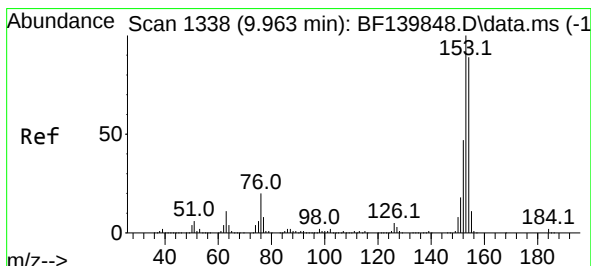
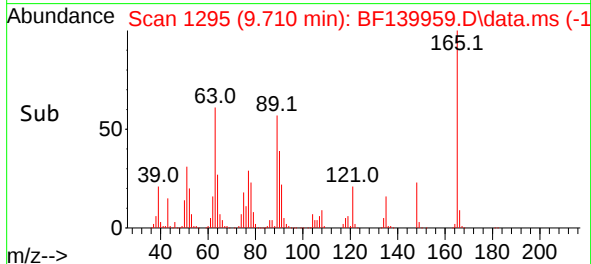
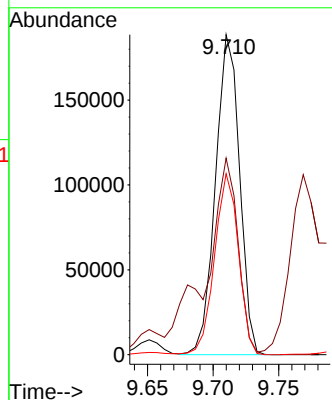
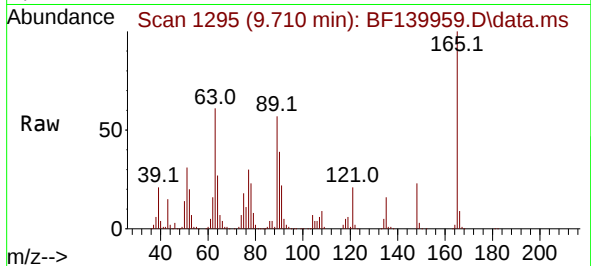




#51
2,6-Dinitrotoluene
Concen: 51.194 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

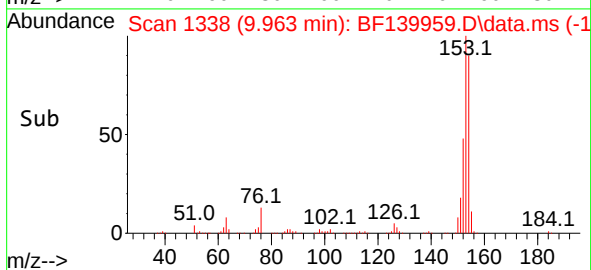
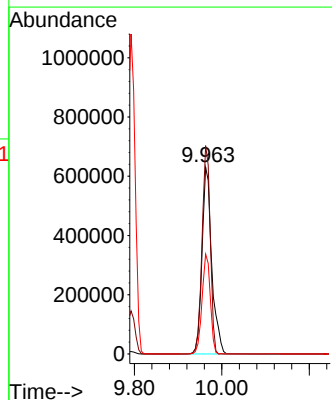
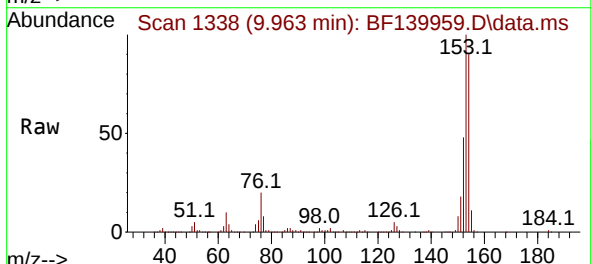
Instrument :
BNA_F
ClientSampleId :
PB164123BS

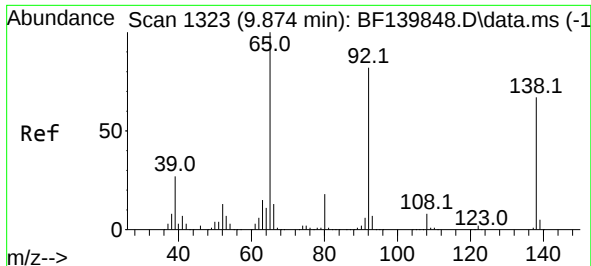
Tgt Ion:165 Resp: 240598
Ion Ratio Lower Upper
165 100
63 61.4 50.6 75.8
89 56.6 47.5 71.3



#52
Acenaphthene
Concen: 53.683 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:154 Resp: 980931
Ion Ratio Lower Upper
154 100
153 111.6 89.8 134.6
152 53.5 42.4 63.6

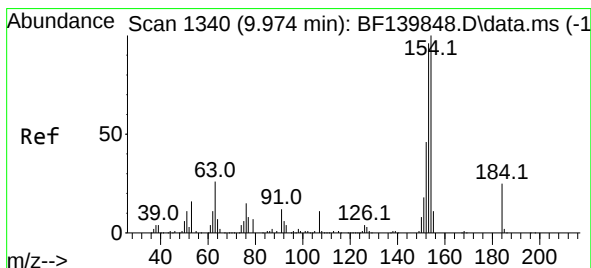
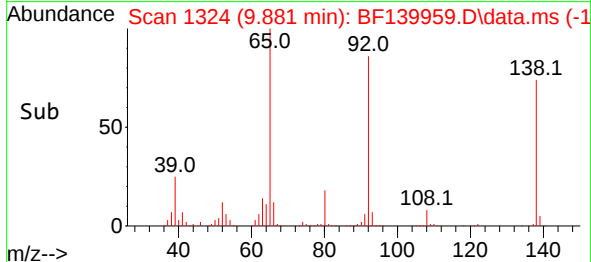
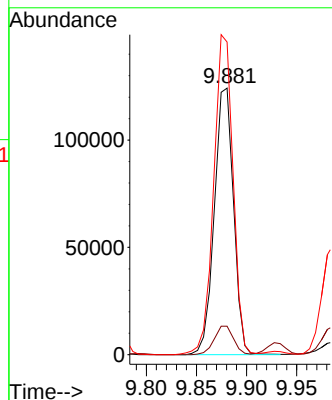
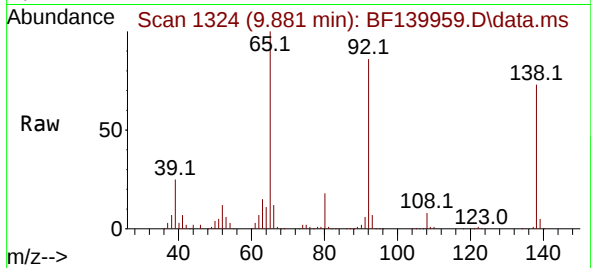




#53
3-Nitroaniline
Concen: 34.194 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

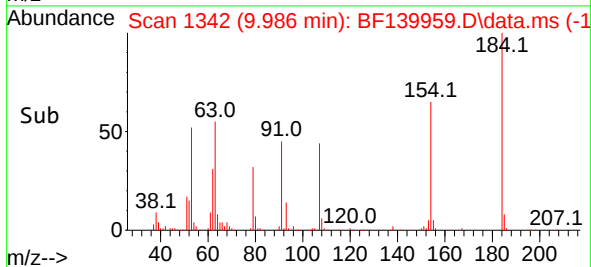
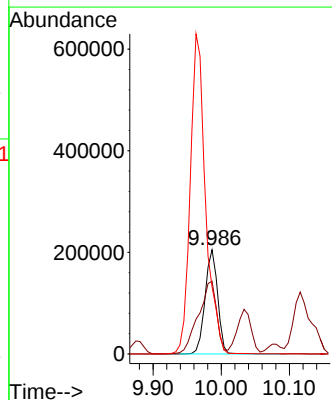
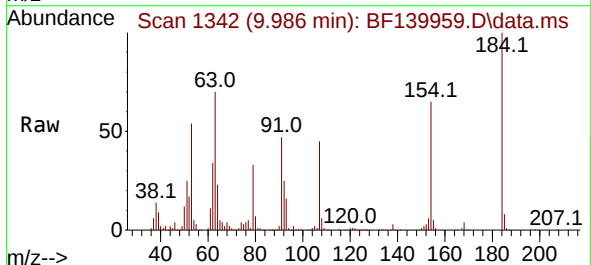
Instrument :
BNA_F
ClientSampleId :
PB164123BS

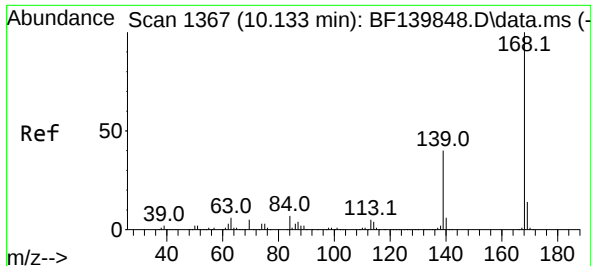
Tgt Ion:138 Resp: 165720
Ion Ratio Lower Upper
138 100
108 10.7 10.2 15.2
92 117.3 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 130.698 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:184 Resp: 264001
Ion Ratio Lower Upper
184 100
63 69.8 84.7 127.1#
154 64.6 338.2 507.2#

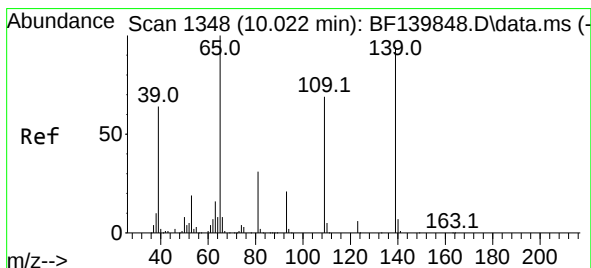
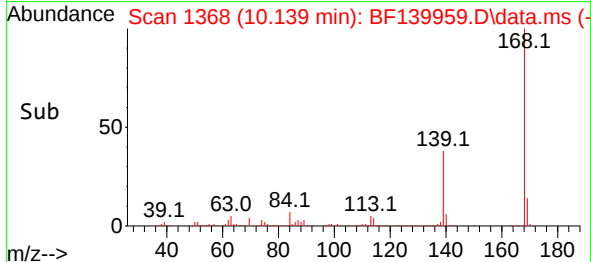
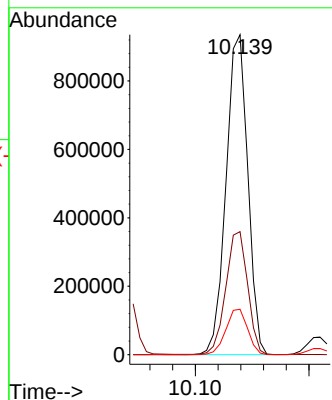
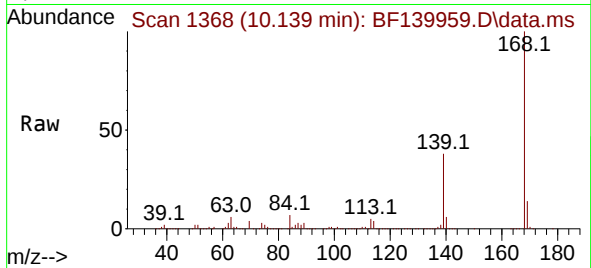




#55
Dibenzofuran
Concen: 47.324 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

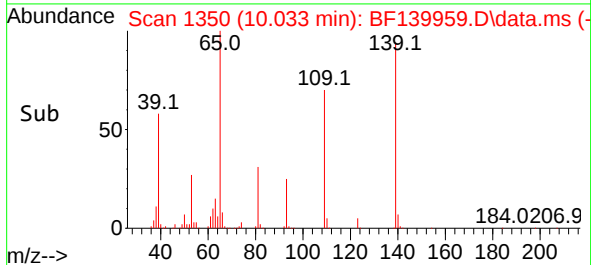
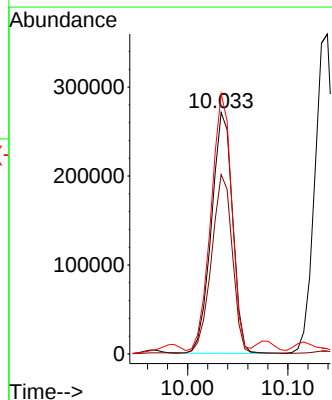
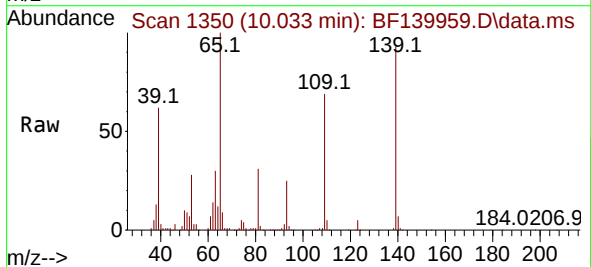
Instrument :
BNA_F
ClientSampleId :
PB164123BS

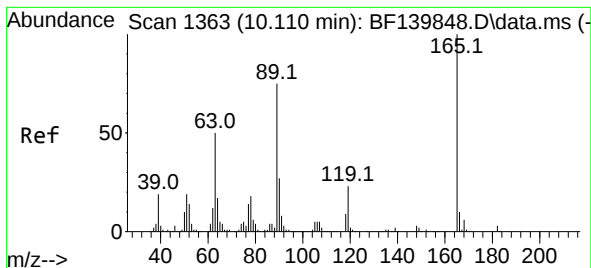
Tgt Ion:168 Resp: 1240679
Ion Ratio Lower Upper
168 100
139 38.5 31.8 47.6
169 14.2 11.6 17.4



#56
4-Nitrophenol
Concen: 106.278 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:139 Resp: 396279
Ion Ratio Lower Upper
139 100
109 74.3 53.6 93.6
65 107.9 87.8 127.8

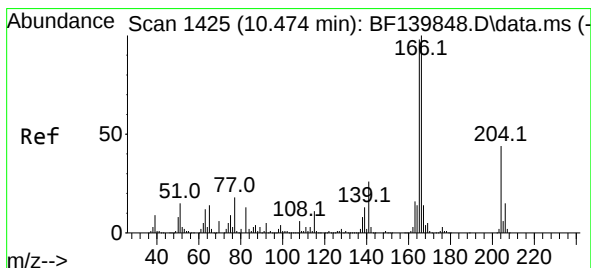
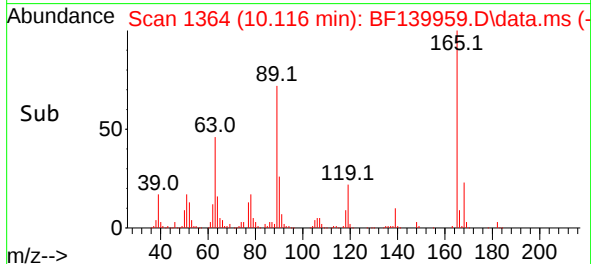
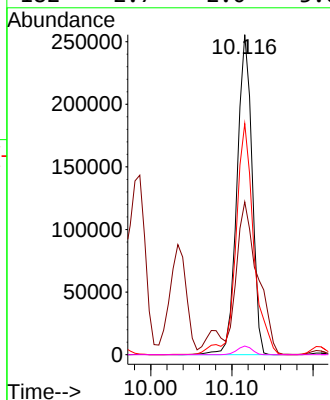
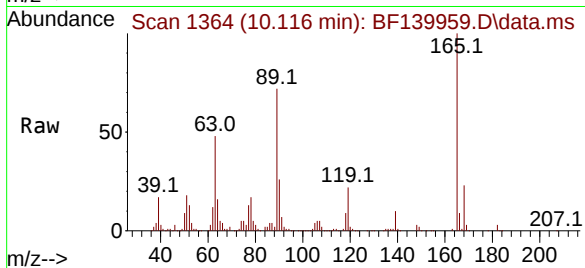




#57
2,4-Dinitrotoluene
Concen: 56.973 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

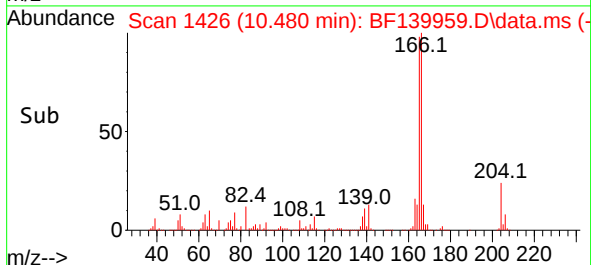
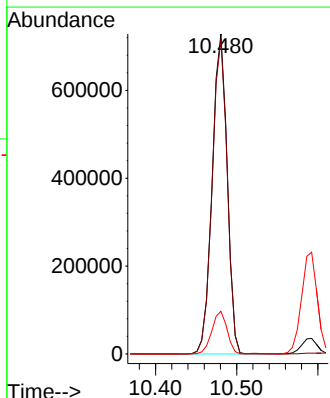
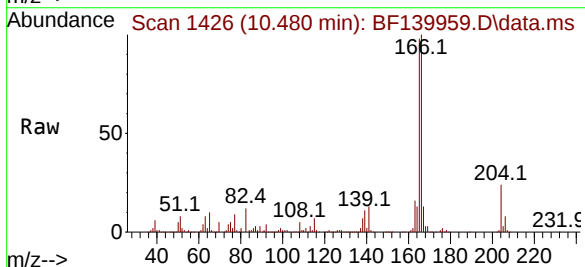
Instrument :
BNA_F
ClientSampleId :
PB164123BS

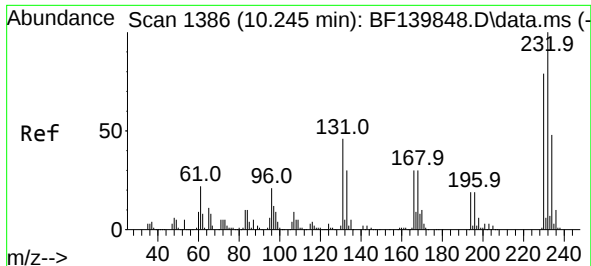
Tgt Ion:165 Resp: 329266
Ion Ratio Lower Upper
165 100
63 47.7 40.1 60.1
89 72.2 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 46.861 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:166 Resp: 935732
Ion Ratio Lower Upper
166 100
165 98.4 78.5 117.7
167 13.4 10.9 16.3

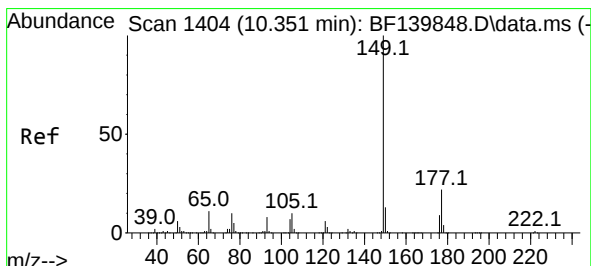
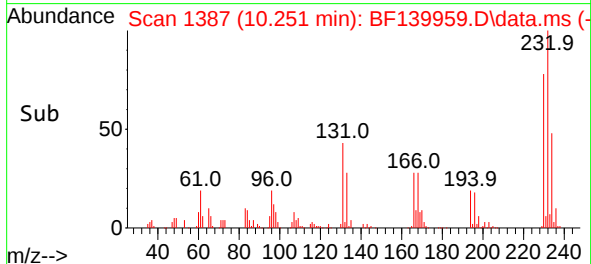
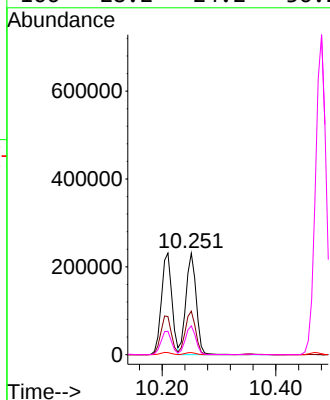
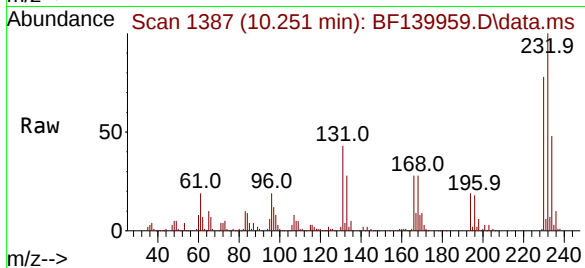




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.821 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

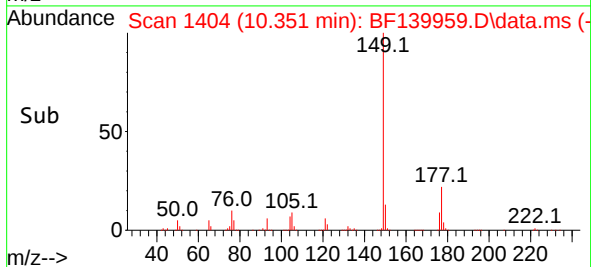
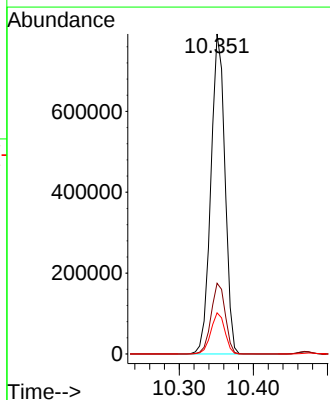
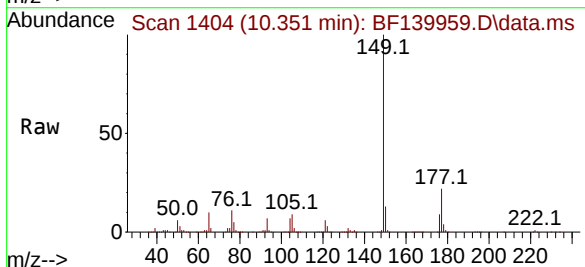
Instrument :
BNA_F
ClientSampleId :
PB164123BS

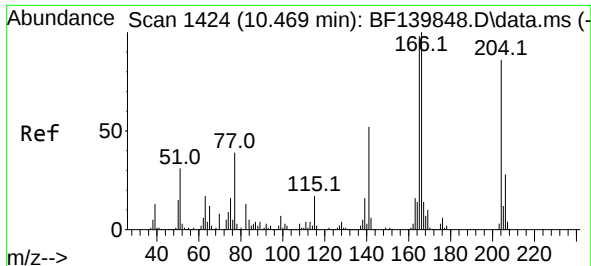
Tgt Ion:232 Resp: 289740
Ion Ratio Lower Upper
232 100
131 43.4 37.0 55.6
130 2.1 1.9 2.9
166 28.2 24.2 36.2



#60
Diethylphthalate
Concen: 48.887 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:149 Resp: 1041864
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.8 10.1 15.1

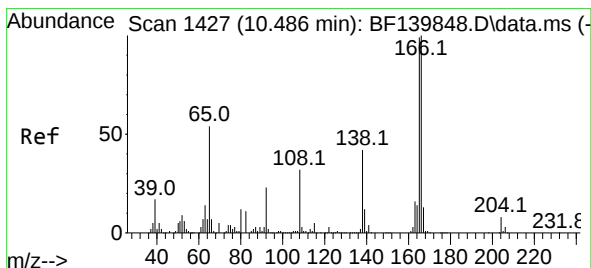
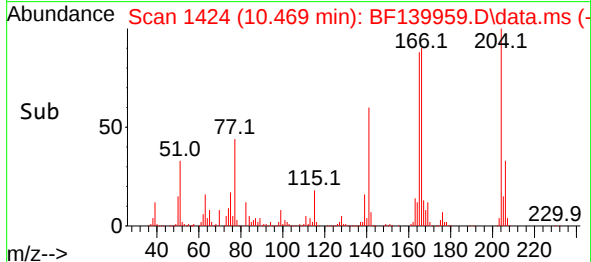
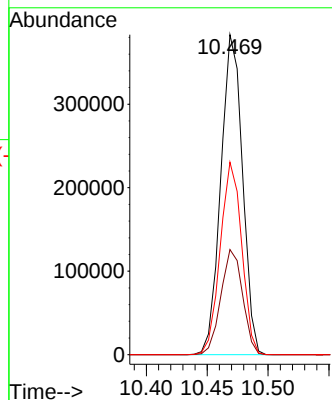
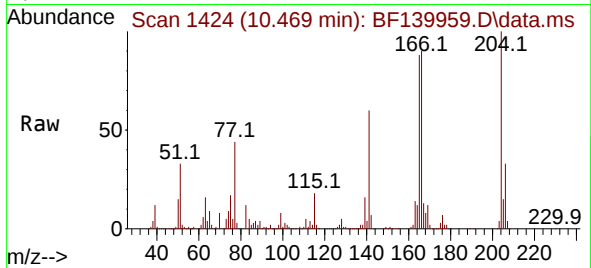




#61
4-Chlorophenyl-phenylether
Concen: 47.181 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

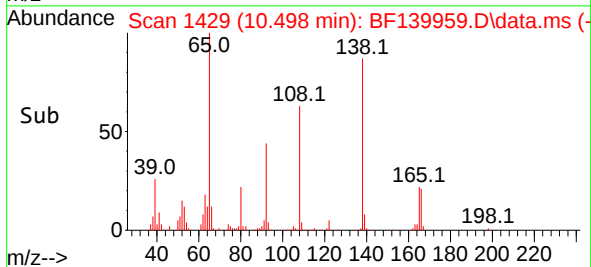
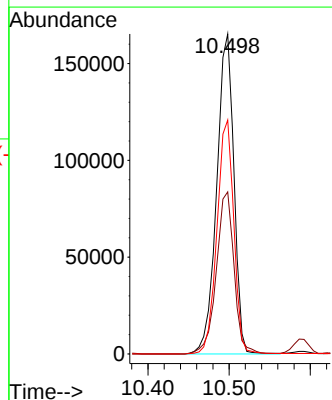
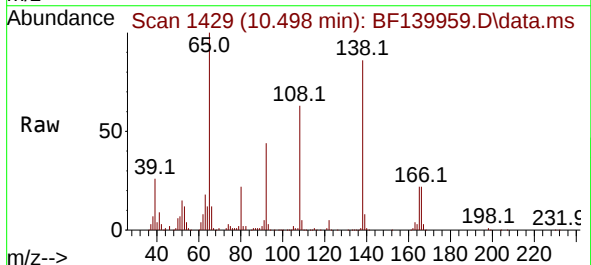
Instrument :
BNA_F
ClientSampleId :
PB164123BS

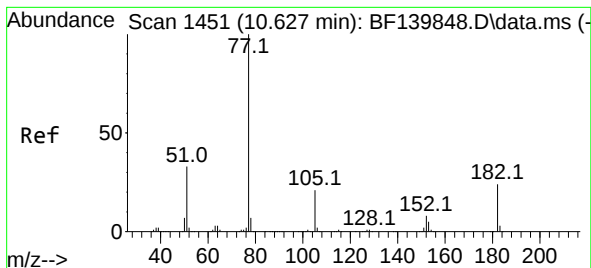
Tgt Ion:204 Resp: 475776
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 60.2 48.6 73.0



#62
4-Nitroaniline
Concen: 53.208 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:138 Resp: 243551
Ion Ratio Lower Upper
138 100
92 50.7 35.7 75.7
108 73.1 57.5 97.5





#63

Azobenzene

Concen: 46.839 ng

RT: 10.633 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

Tgt Ion: 77 Resp: 1058273

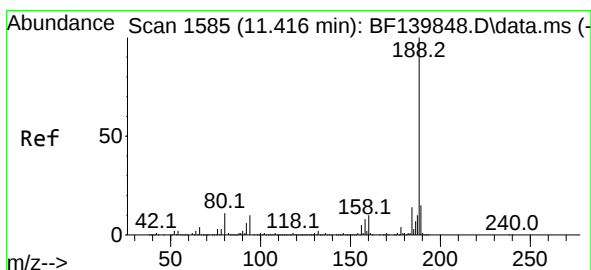
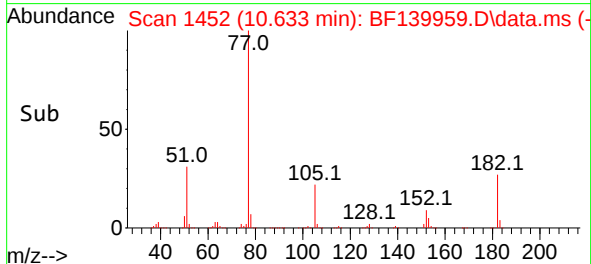
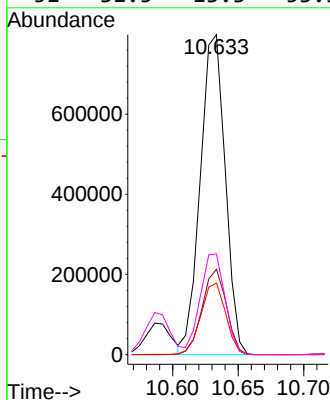
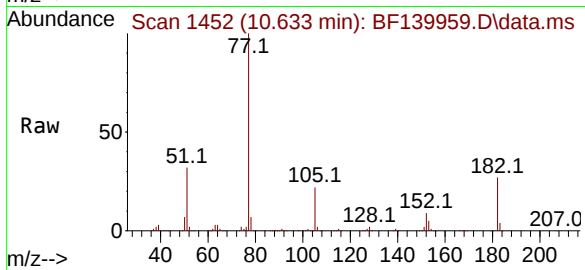
Ion Ratio Lower Upper

77 100

182 26.7 3.3 43.3

105 22.4 1.2 41.2

51 31.5 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

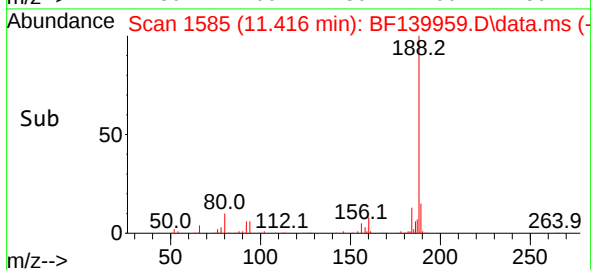
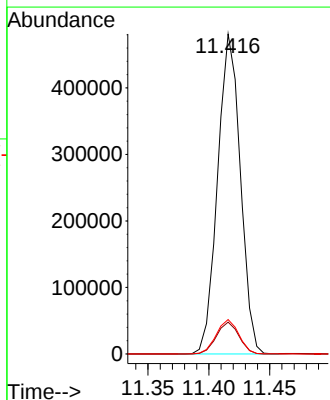
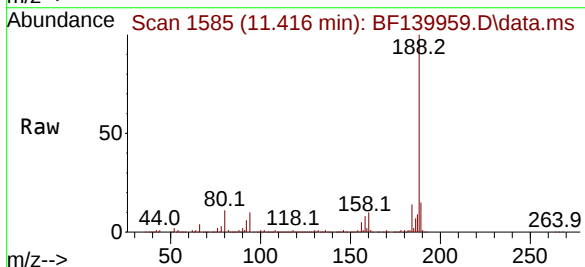
Tgt Ion:188 Resp: 625574

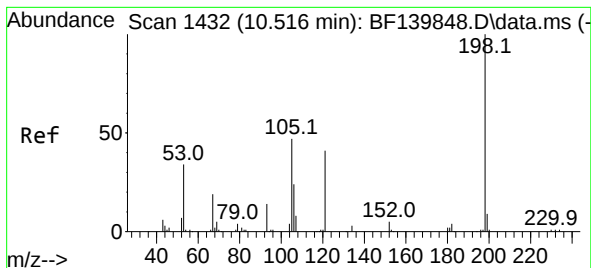
Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

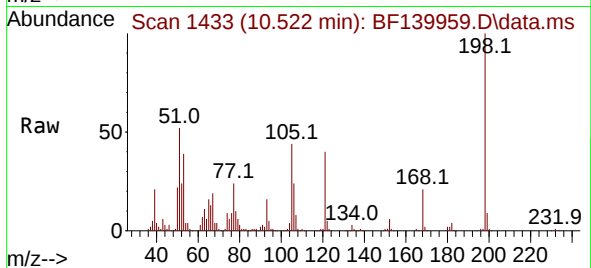
80 10.7 9.0 13.4



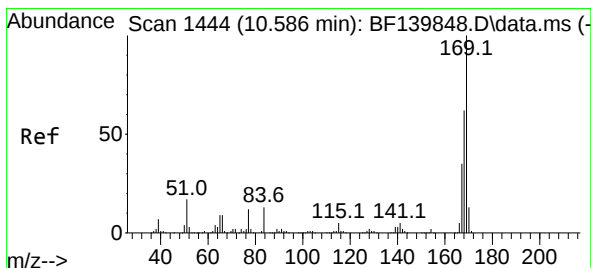
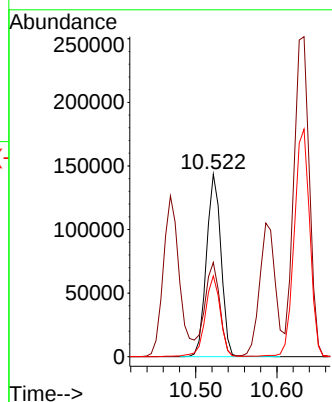
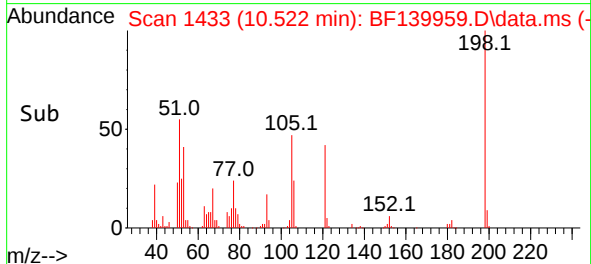


#65
4,6-Dinitro-2-methylphenol
Concen: 69.796 ng
RT: 10.522 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

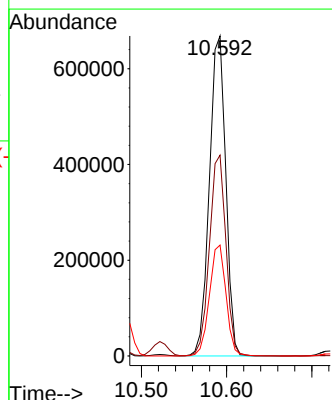
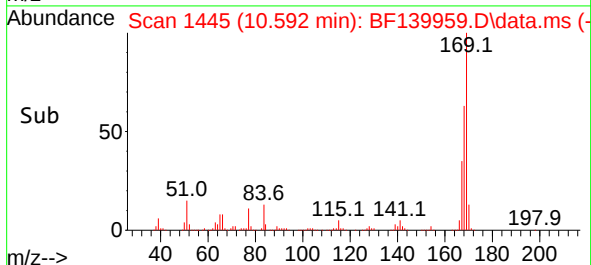
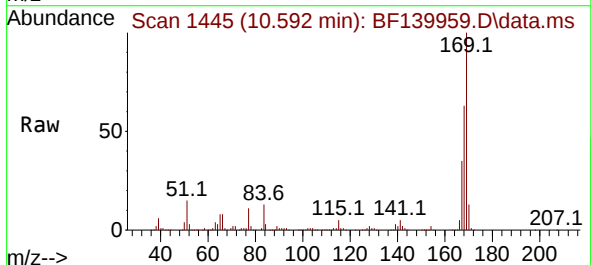


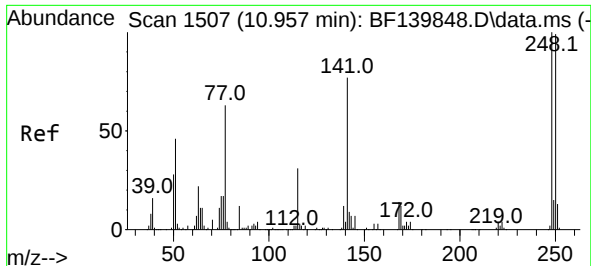
Tgt Ion:198 Resp: 178099
Ion Ratio Lower Upper
198 100
51 51.6 38.2 78.2
105 44.2 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 47.764 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:169 Resp: 894297
Ion Ratio Lower Upper
169 100
168 62.7 49.8 74.6
167 34.7 28.0 42.0

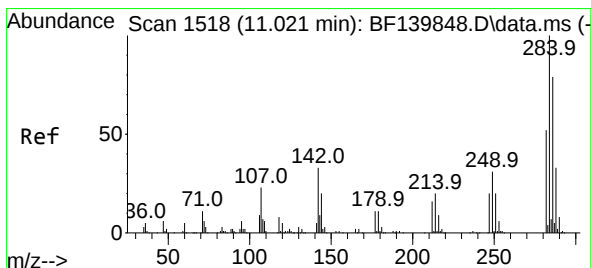
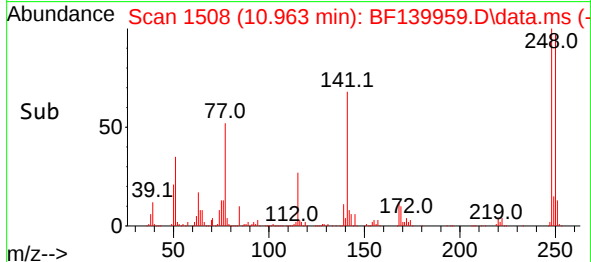
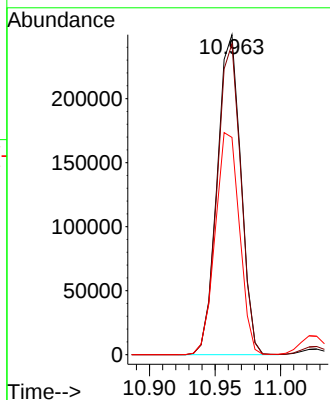
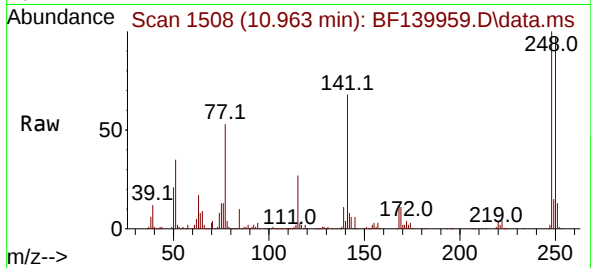




#67
4-Bromophenyl-phenylether
Concen: 48.688 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

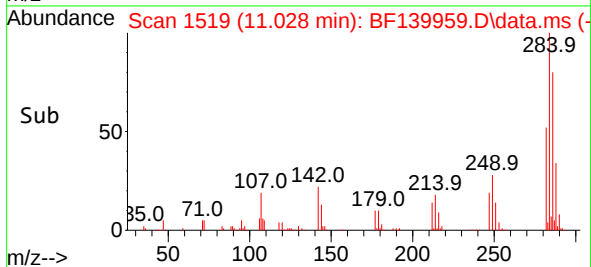
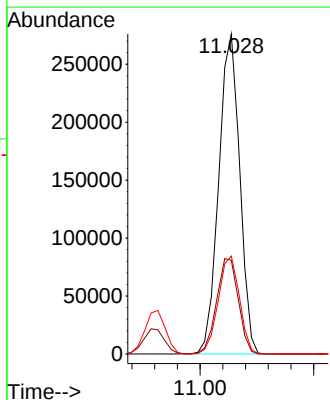
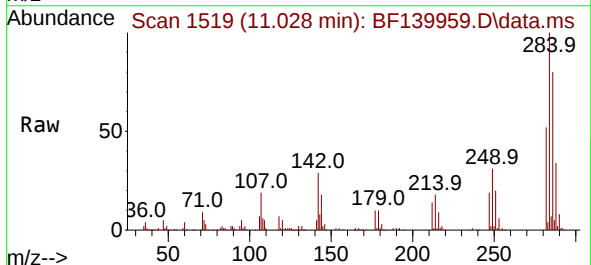
Instrument :
BNA_F
ClientSampleId :
PB164123BS

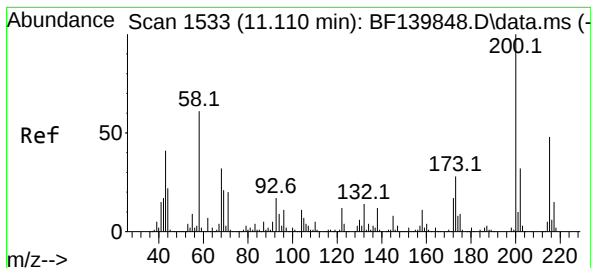
Tgt Ion:248 Resp: 313776
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 67.9 61.7 92.5



#68
Hexachlorobenzene
Concen: 48.879 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:284 Resp: 354277
Ion Ratio Lower Upper
284 100
142 29.3 26.9 40.3
249 30.6 25.3 37.9





#69

Atrazine

Concen: 57.414 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

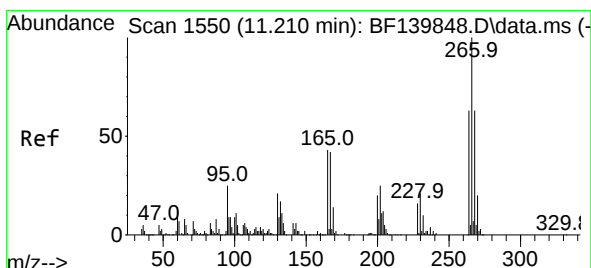
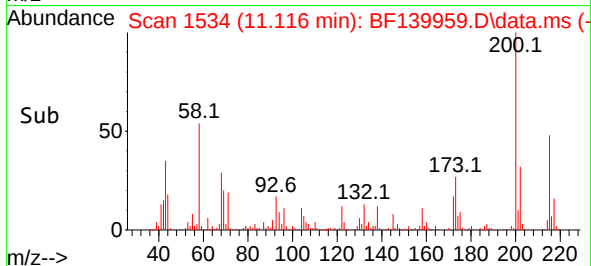
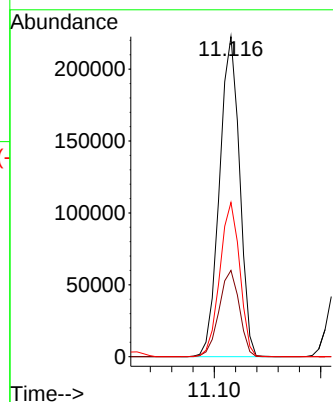
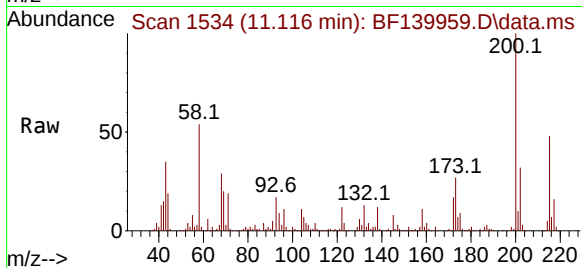
Tgt Ion:200 Resp: 291198

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 48.2 27.7 67.7



#70

Pentachlorophenol

Concen: 100.626 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

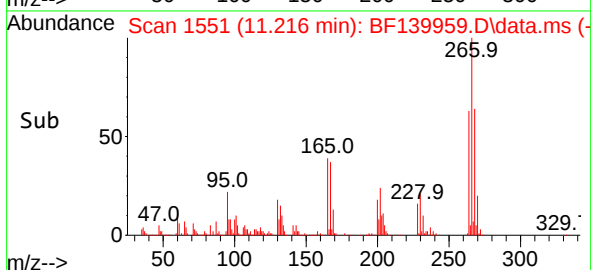
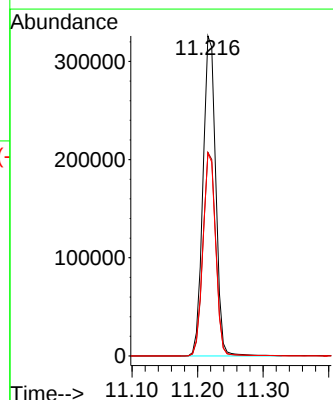
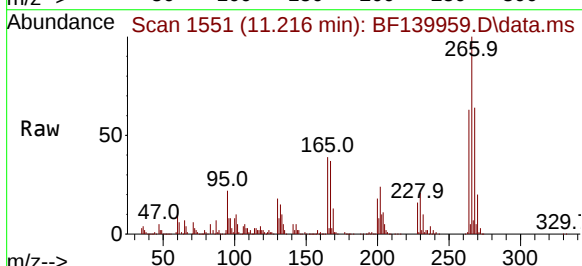
Tgt Ion:266 Resp: 442639

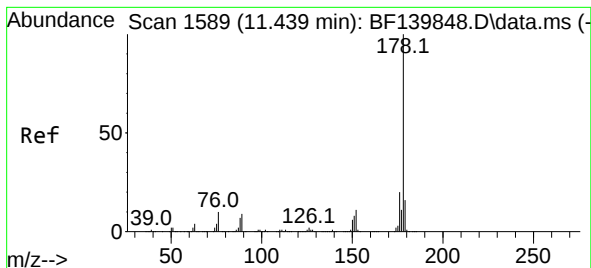
Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

264 63.3 50.6 75.8





#71

Phenanthrene

Concen: 47.802 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

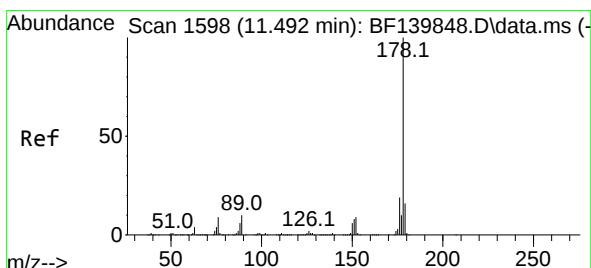
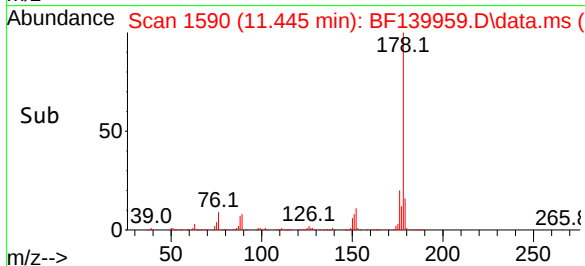
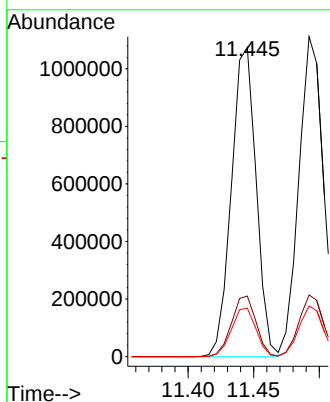
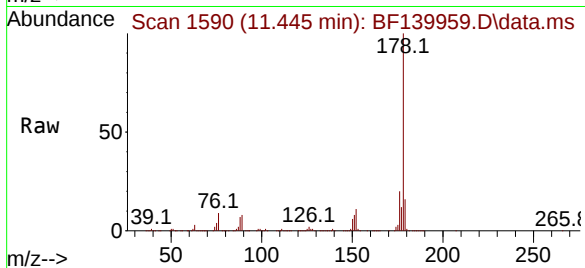
Tgt Ion:178 Resp: 1412519

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.7 12.6 18.8



#72

Anthracene

Concen: 49.620 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

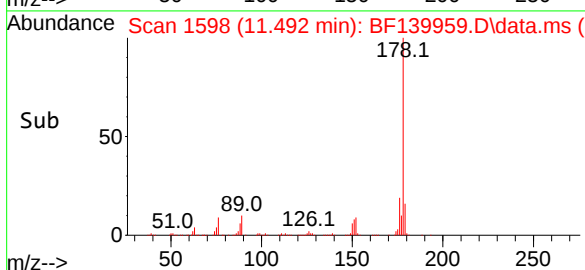
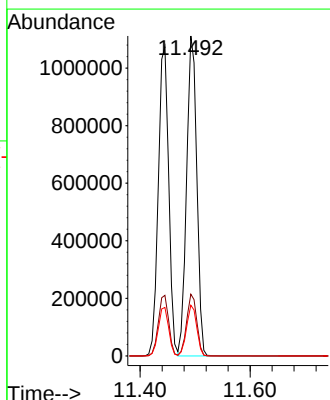
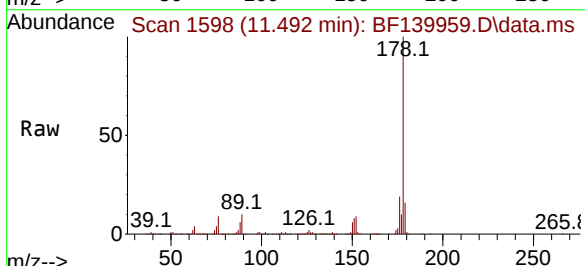
Tgt Ion:178 Resp: 1430590

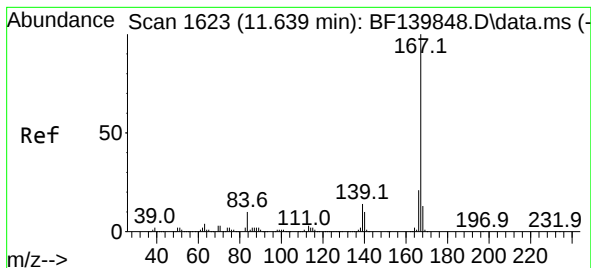
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.9 12.4 18.6





#73

Carbazole

Concen: 46.786 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

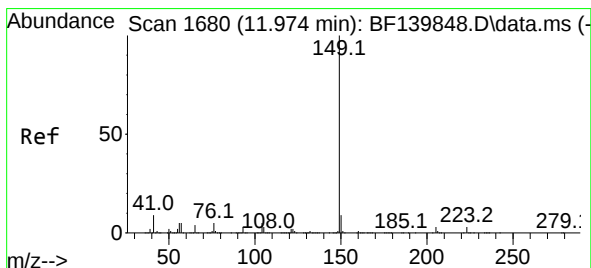
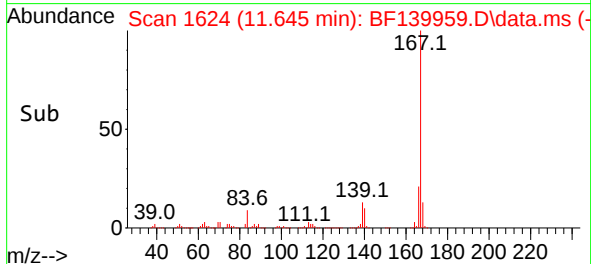
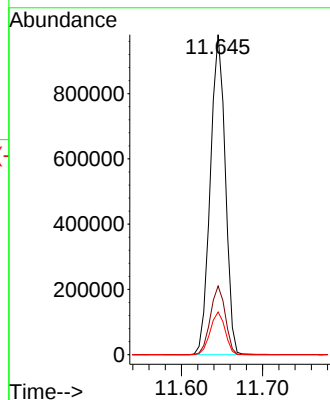
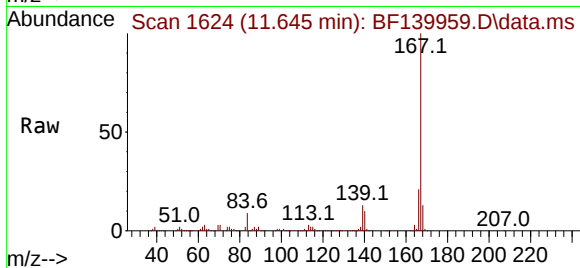
Tgt Ion:167 Resp: 1254503

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

139 13.4 10.8 16.2



#74

Di-n-butylphthalate

Concen: 48.640 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

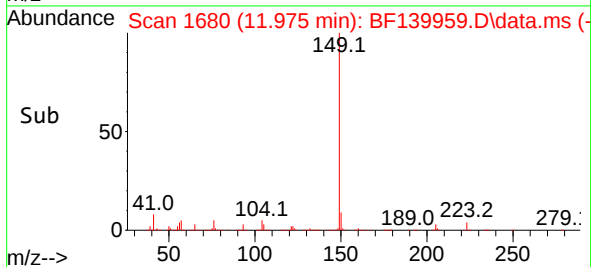
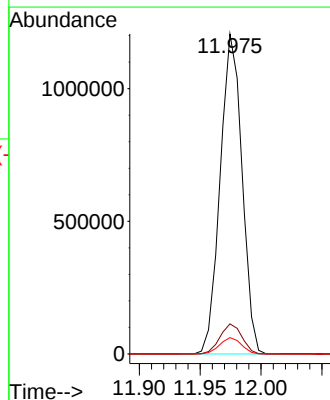
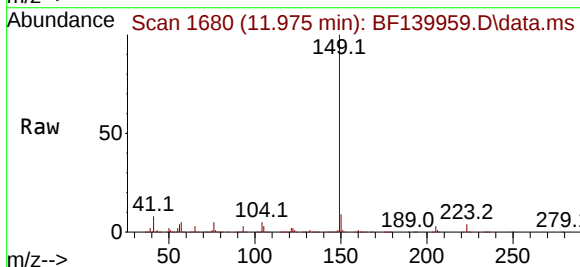
Tgt Ion:149 Resp: 1506787

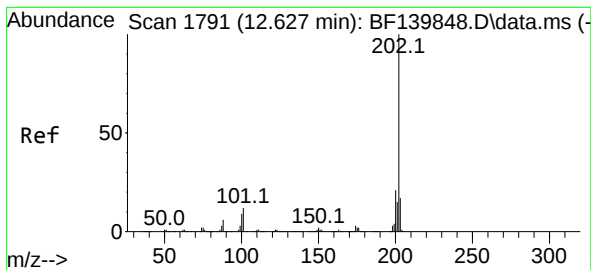
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 46.667 ng

RT: 12.627 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

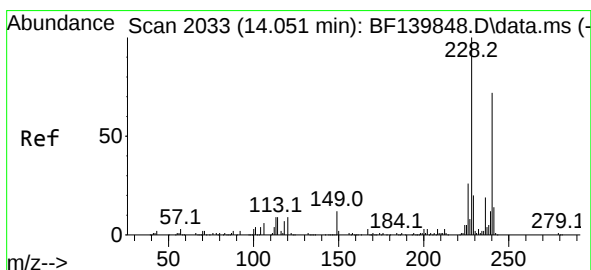
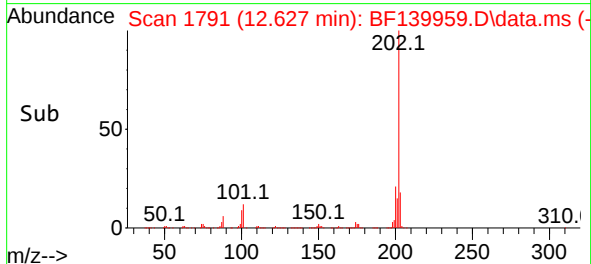
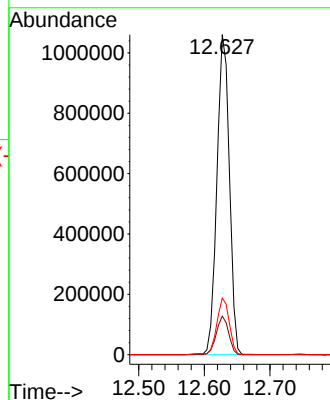
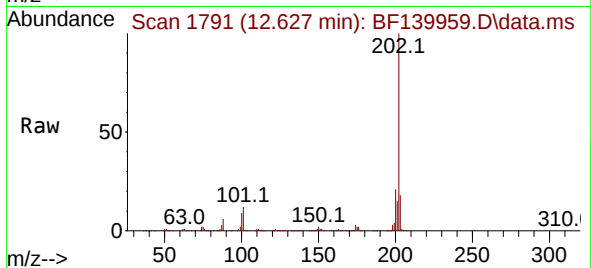
Tgt Ion:202 Resp: 1394053

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.9

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

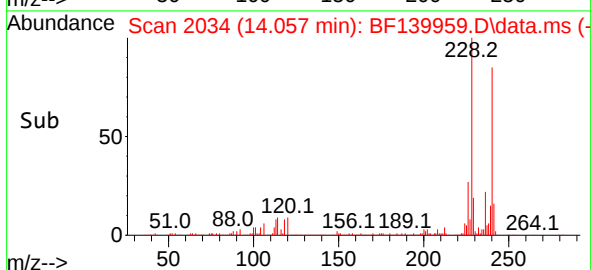
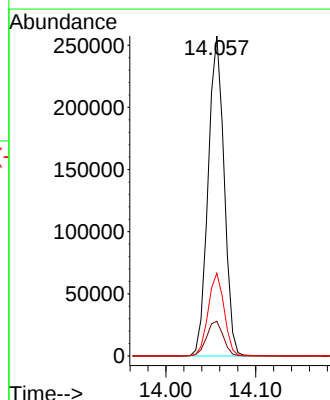
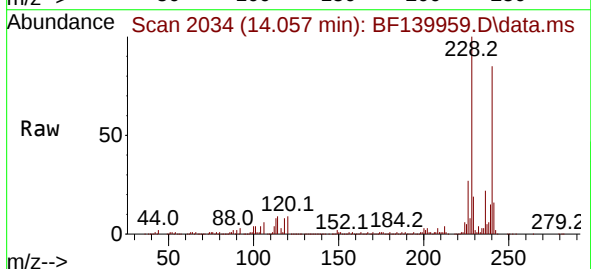
Tgt Ion:240 Resp: 318250

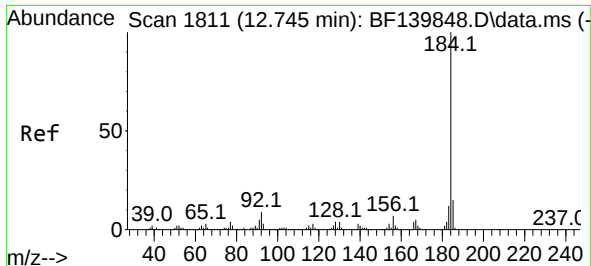
Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 25.8 20.9 31.3

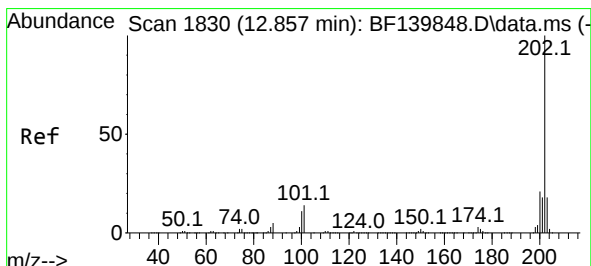
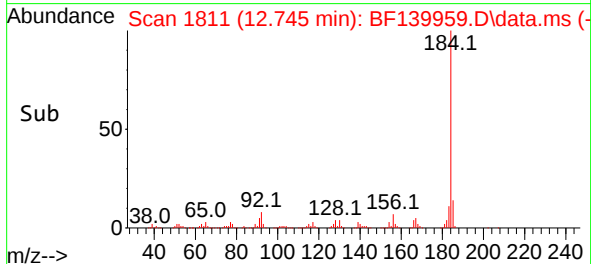
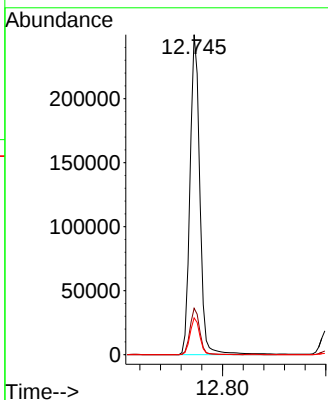
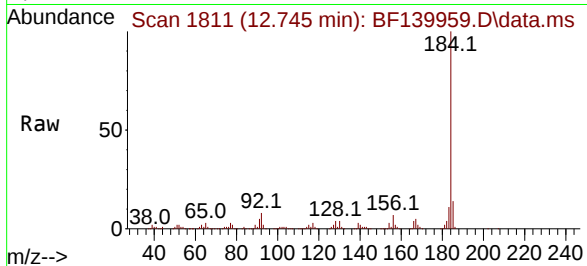




#77
Benzidine
Concen: 62.989 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

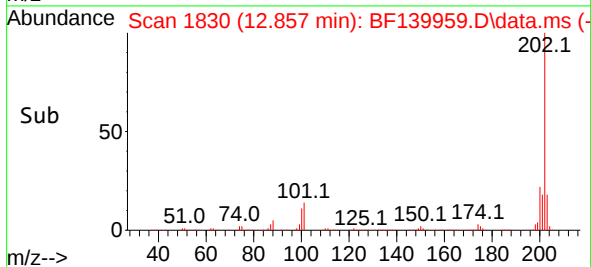
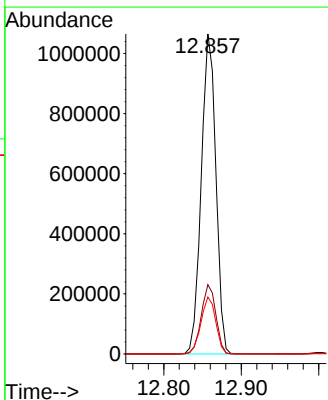
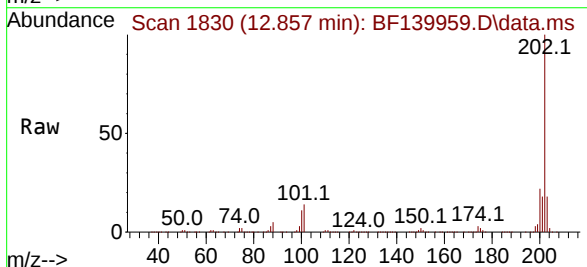
Instrument :
BNA_F
ClientSampleId :
PB164123BS

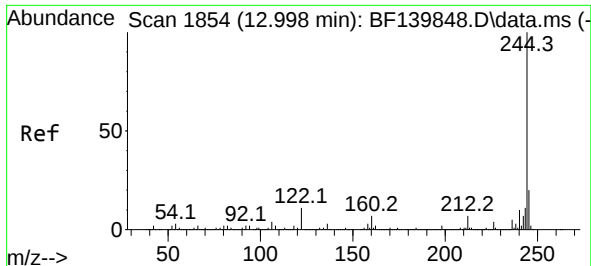
Tgt Ion:184 Resp: 329626
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 11.5 9.4 14.2



#78
Pyrene
Concen: 49.936 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:202 Resp: 1391086
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 102.635 ng

RT: 13.004 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

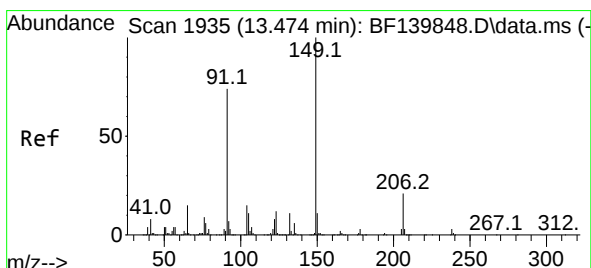
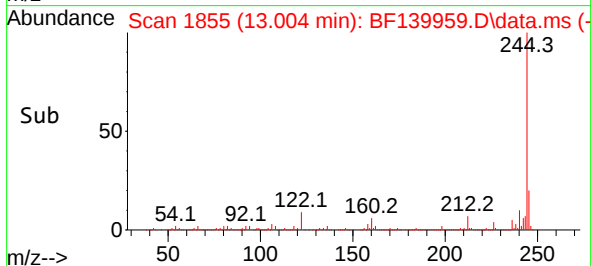
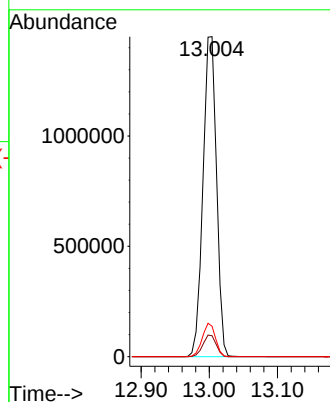
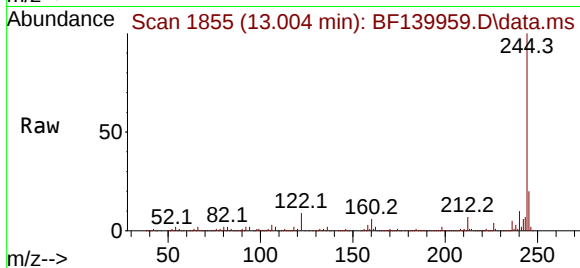
Tgt Ion:244 Resp: 2004549

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 9.5 8.6 13.0



#80

Butylbenzylphthalate

Concen: 54.043 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

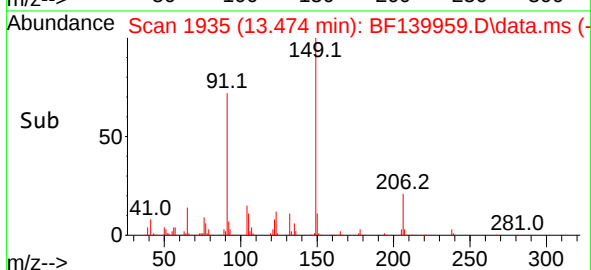
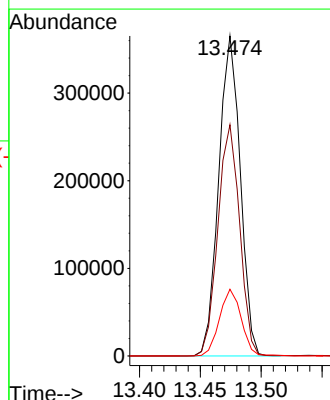
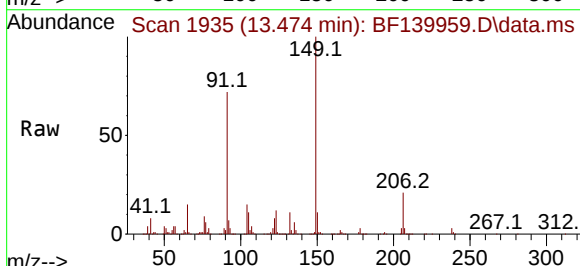
Tgt Ion:149 Resp: 451349

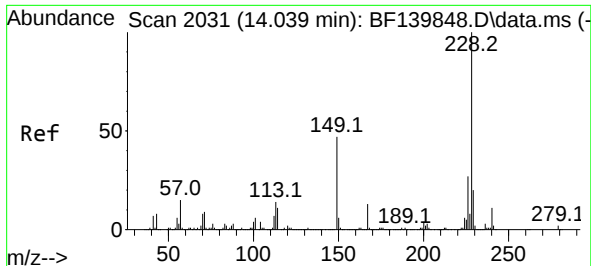
Ion Ratio Lower Upper

149 100

91 72.3 59.4 89.2

206 20.8 16.4 24.6

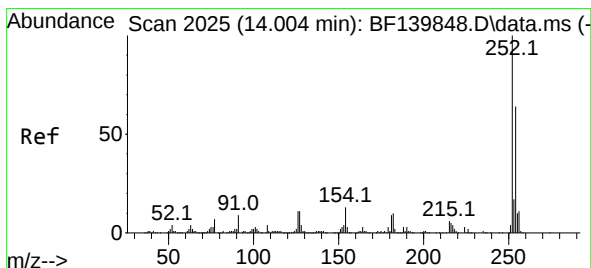
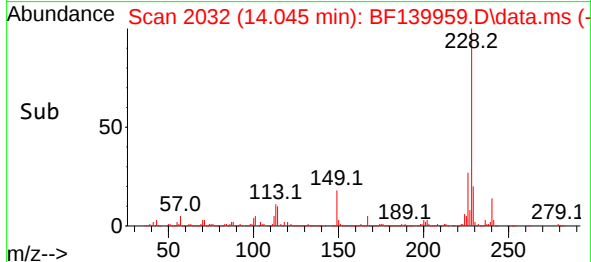
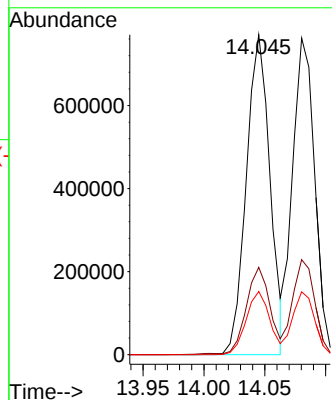
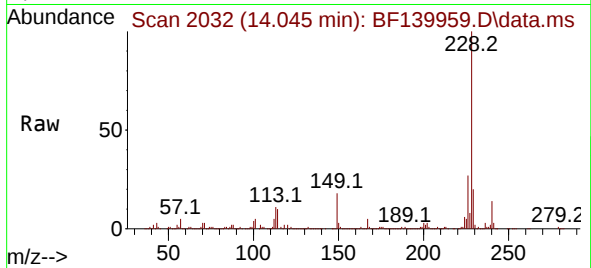




#81
Benzo(a)anthracene
Concen: 50.317 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

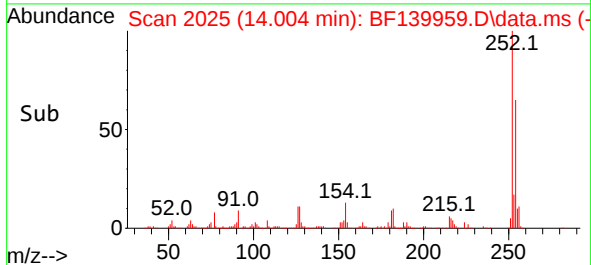
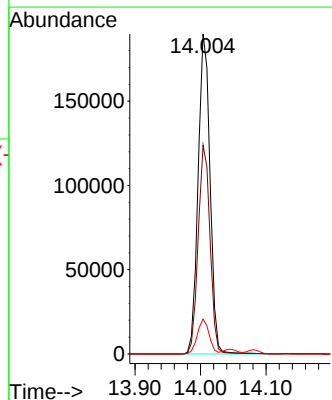
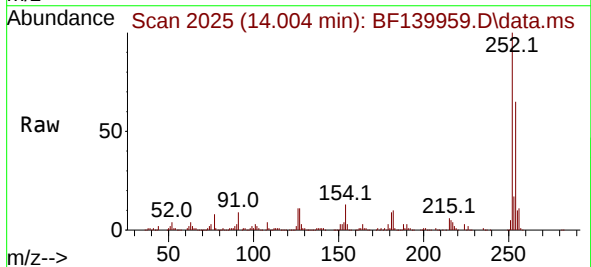
Instrument :
BNA_F
ClientSampleId :
PB164123BS

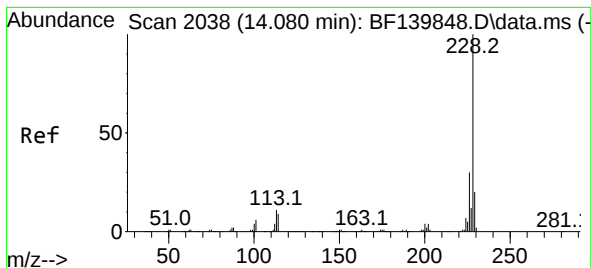
Tgt Ion:228 Resp: 1042409
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 39.773 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:252 Resp: 240244
Ion Ratio Lower Upper
252 100
254 65.2 50.8 76.2
126 10.9 8.9 13.3





#83

Chrysene

Concen: 50.739 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

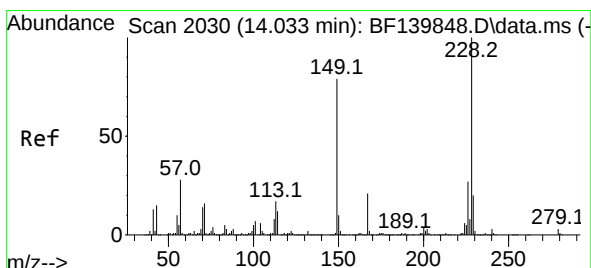
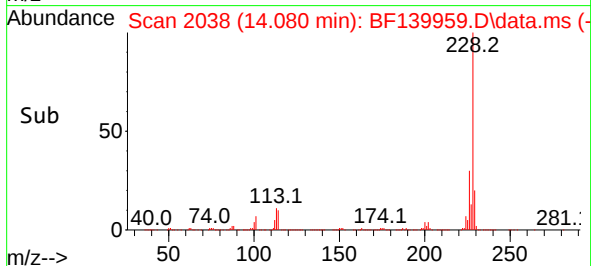
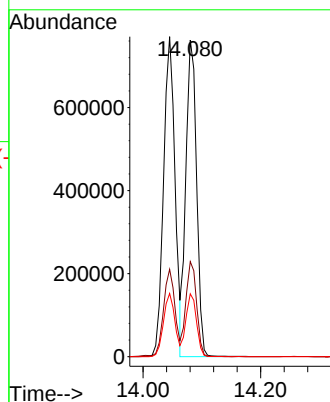
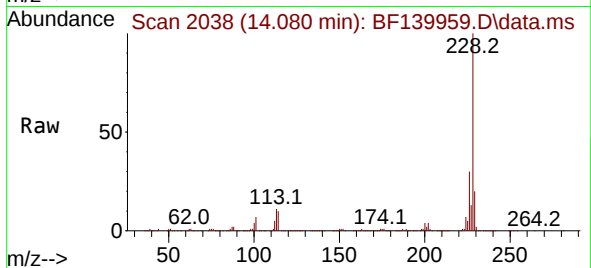
Tgt Ion:228 Resp: 963784

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.832 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

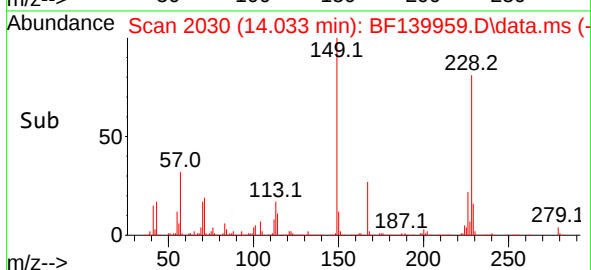
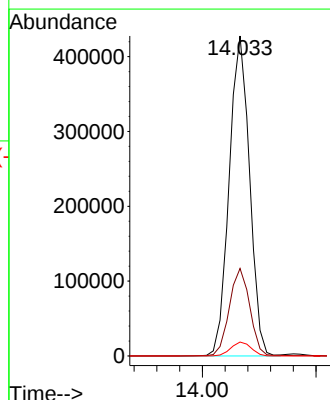
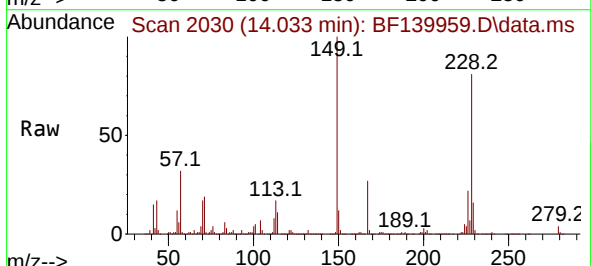
Tgt Ion:149 Resp: 532526

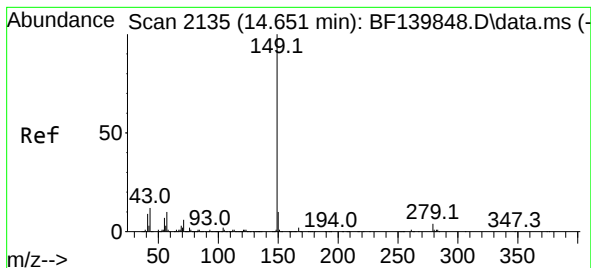
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 55.741 ng

RT: 14.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

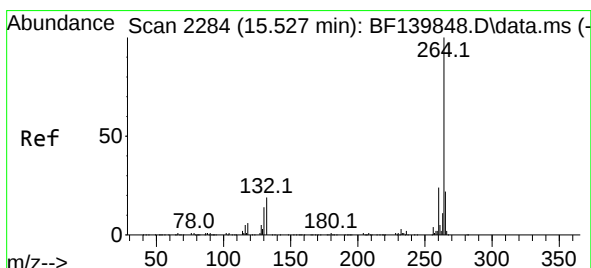
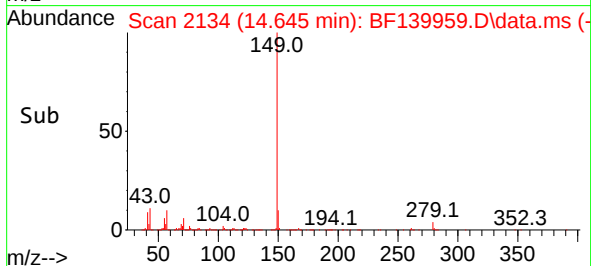
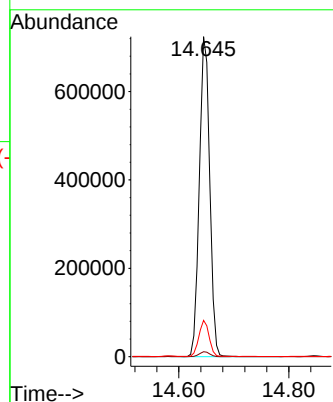
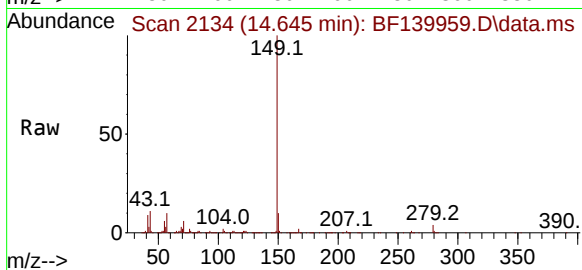
Tgt Ion:149 Resp: 950001

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.1 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

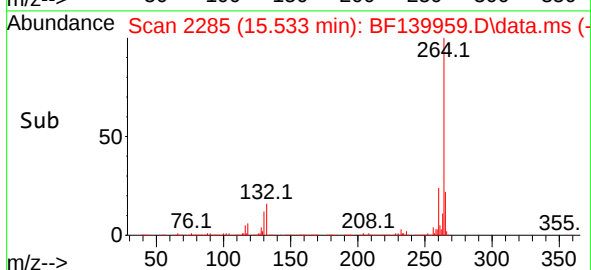
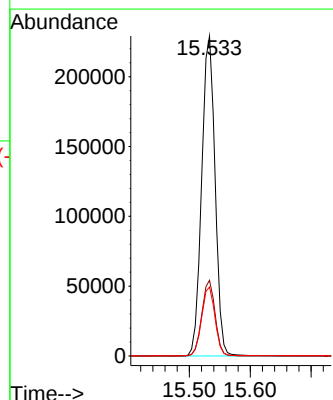
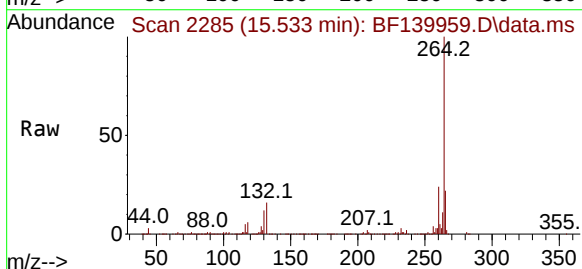
Tgt Ion:264 Resp: 349349

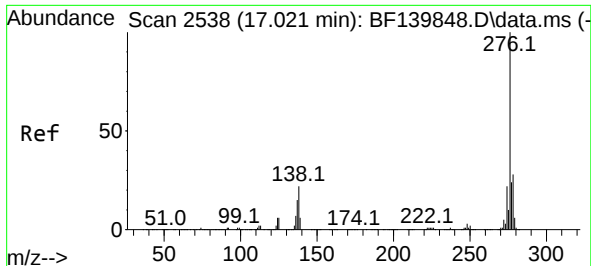
Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

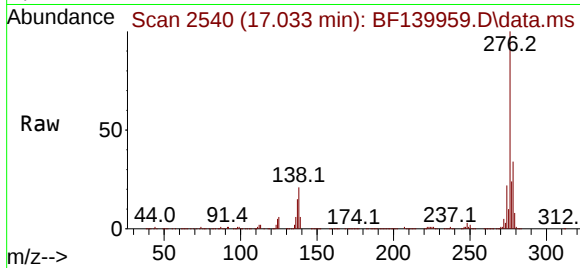
265 21.5 17.4 26.0



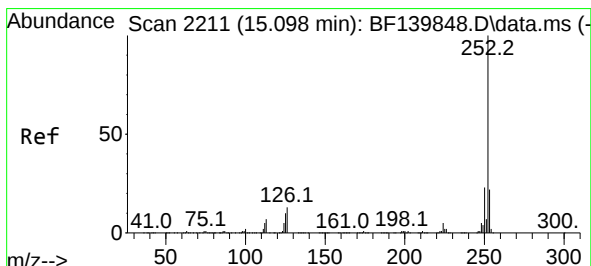
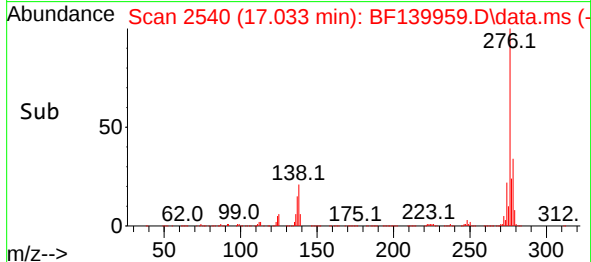
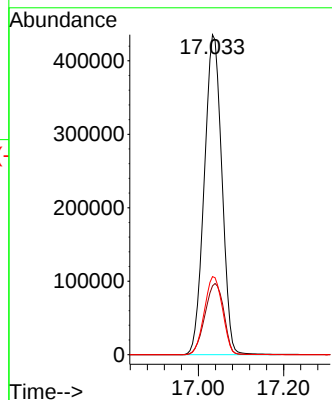


#87
Indeno(1,2,3-cd)pyrene
Concen: 55.378 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

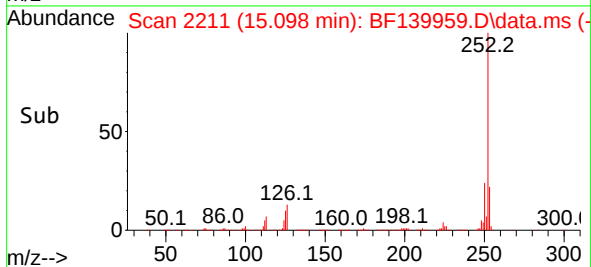
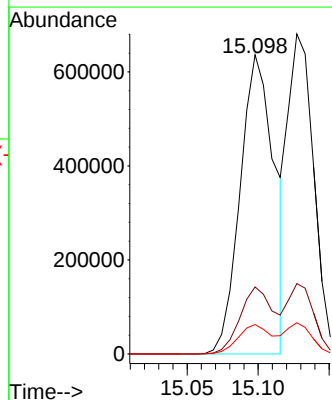
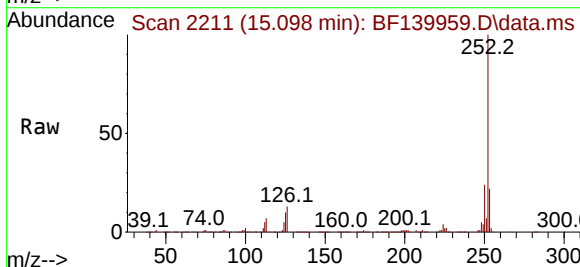


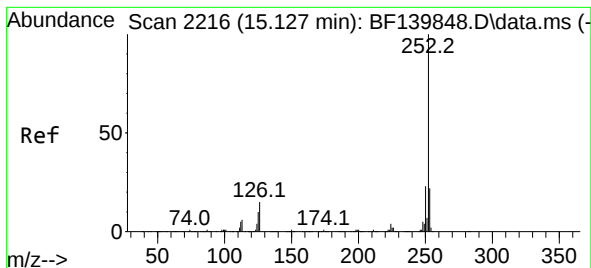
Tgt Ion:276 Resp: 1244594
Ion Ratio Lower Upper
276 100
138 24.0 20.4 30.6
277 25.3 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 49.941 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:252 Resp: 1062781
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 47.112 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

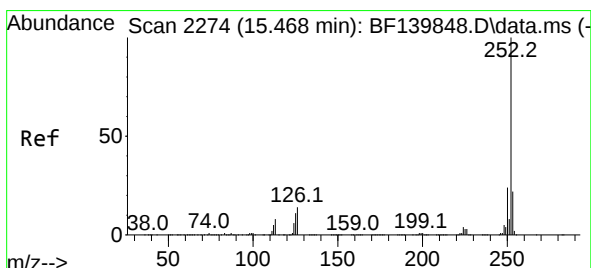
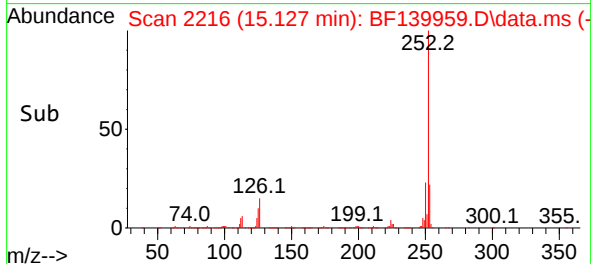
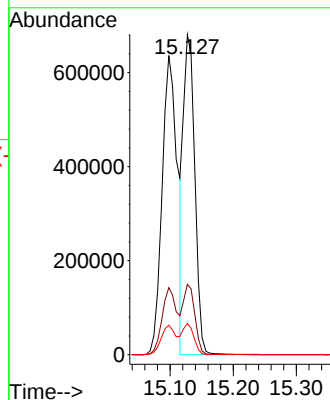
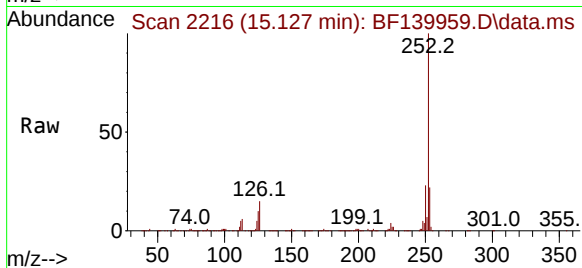
Tgt Ion:252 Resp: 864638

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.8 7.9 11.9



#90

Benzo(a)pyrene

Concen: 53.776 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

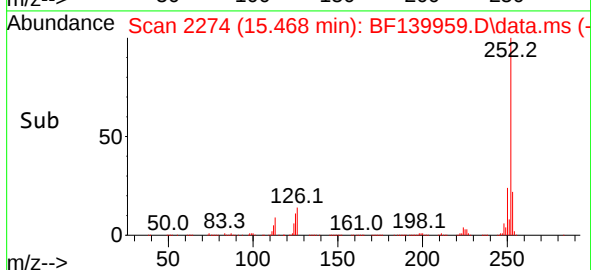
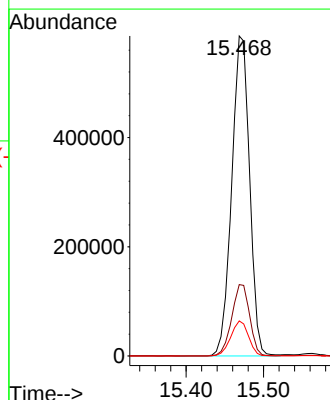
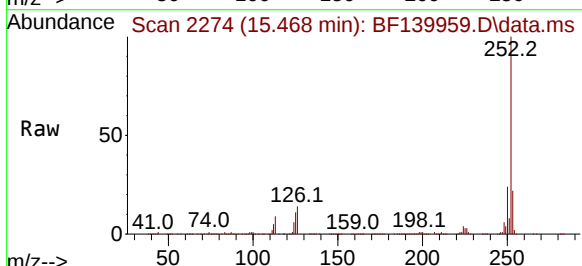
Tgt Ion:252 Resp: 941642

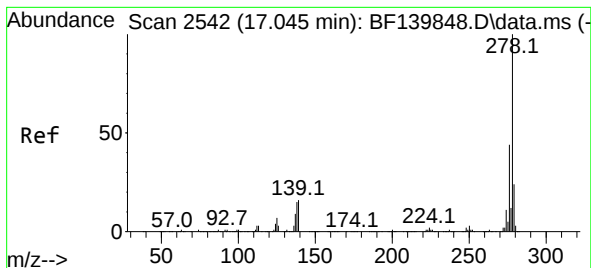
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 11.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 54.874 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

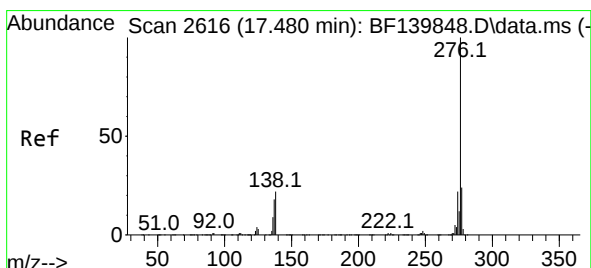
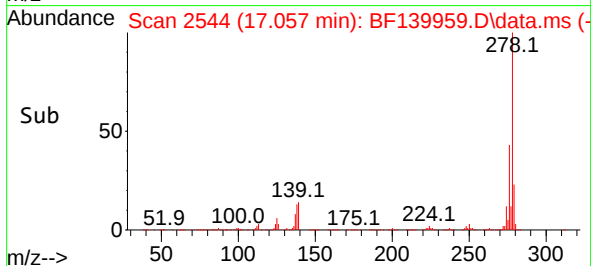
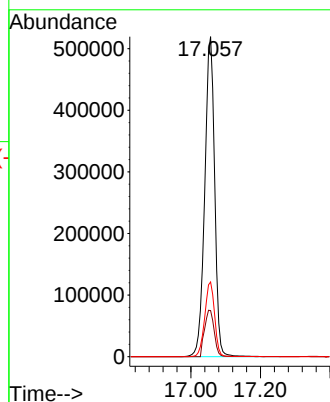
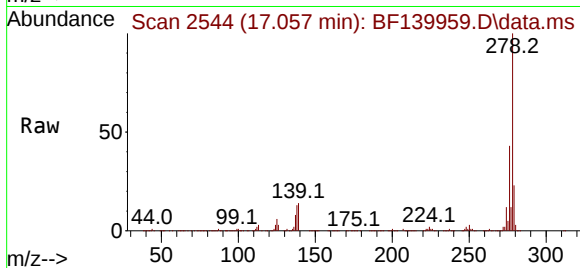
Tgt Ion:278 Resp: 1028811

Ion Ratio Lower Upper

278 100

139 14.4 13.1 19.7

279 23.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 50.984 ng

RT: 17.486 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Tgt Ion:276 Resp: 954801

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 21.2 17.4 26.0

