

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
 Data File : BF139815.D
 Acq On : 15 Oct 2024 16:36
 Operator : RC/JU
 Sample : PB164157BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164157BS

Quant Time: Oct 15 17:13:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	104700	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	404007	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	228692	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	390235	20.000	ng	0.00
76) Chrysene-d12	14.015	240	169025	20.000	ng	0.00
86) Perylene-d12	15.480	264	216444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	713876	115.044	ng	0.01
7) Phenol-d6	6.492	99	943670	114.350	ng	0.00
23) Nitrobenzene-d5	7.416	82	609081	77.597	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	224738	116.520	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1114100	72.864	ng	0.00
79) Terphenyl-d14	12.957	244	866374	104.967	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	95049	35.203	ng	98
3) Pyridine	3.440	79	248921	37.672	ng	99
4) n-Nitrosodimethylamine	3.398	42	159187	40.567	ng	99
6) Aniline	6.516	93	282273	39.698	ng	# 76
8) 2-Chlorophenol	6.639	128	273121	41.689	ng	98
9) Benzaldehyde	6.404	77	81956	17.681	ng	99
10) Phenol	6.504	94	355269	41.012	ng	96
11) bis(2-Chloroethyl)ether	6.592	93	267739	41.446	ng	98
12) 1,3-Dichlorobenzene	6.792	146	284116	38.355	ng	99
13) 1,4-Dichlorobenzene	6.869	146	287651	38.711	ng	99
14) 1,2-Dichlorobenzene	7.022	146	274840	39.864	ng	99
15) Benzyl Alcohol	6.998	79	252235	42.466	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	473014	41.783	ng	99
17) 2-Methylphenol	7.110	107	218925	41.307	ng	98
18) Hexachloroethane	7.363	117	105707	39.266	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	200001	41.617	ng	99
20) 3+4-Methylphenols	7.263	107	273949	41.107	ng	99
22) Acetophenone	7.263	105	370473	39.074	ng	98
24) Nitrobenzene	7.439	77	305884	37.381	ng	99
25) Isophorone	7.675	82	550668	41.109	ng	100
26) 2-Nitrophenol	7.751	139	145260	40.771	ng	97
27) 2,4-Dimethylphenol	7.792	122	218107	50.379	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	324476	39.469	ng	99
29) 2,4-Dichlorophenol	7.998	162	226721	40.380	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	238636	37.330	ng	100
31) Naphthalene	8.157	128	799708	38.408	ng	100
32) Benzoic acid	7.922	122	156899	39.252	ng	99
33) 4-Chloroaniline	8.204	127	150899	22.099	ng	99
34) Hexachlorobutadiene	8.269	225	151361	37.314	ng	100
35) Caprolactam	8.580	113	47704	30.093	ng	95
36) 4-Chloro-3-methylphenol	8.692	107	244789	41.054	ng	99
37) 2-Methylnaphthalene	8.845	142	516367	39.556	ng	98
38) 1-Methylnaphthalene	8.945	142	479981	37.768	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	243003	36.584	ng	98
41) Hexachlorocyclopentadiene	8.998	237	236806	138.022	ng	100
43) 2,4,6-Trichlorophenol	9.127	196	162563	38.498	ng	100

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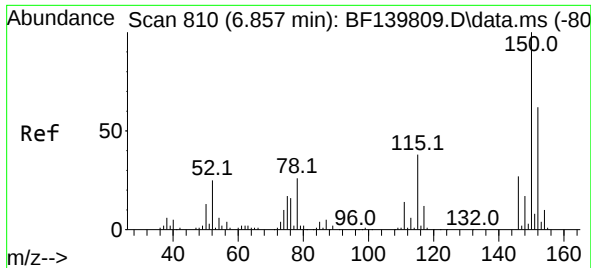
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	165548	36.587	ng	98
46) 1,1'-Biphenyl	9.310	154	640130	37.021	ng	99
47) 2-Chloronaphthalene	9.339	162	476369	36.058	ng	99
48) 2-Nitroaniline	9.433	65	170638	39.562	ng	99
49) Acenaphthylene	9.751	152	785202	40.469	ng	100
50) Dimethylphthalate	9.616	163	557601	39.833	ng	100
51) 2,6-Dinitrotoluene	9.680	165	122123	38.235	ng	99
52) Acenaphthene	9.927	154	483021	39.298	ng	99
53) 3-Nitroaniline	9.845	138	83445	26.204	ng	99
54) 2,4-Dinitrophenol	9.957	184	118233	91.089	ng	98
55) Dibenzofuran	10.098	168	710143	38.531	ng	100
56) 4-Nitrophenol	10.016	139	169076	88.194	ng	99
57) 2,4-Dinitrotoluene	10.086	165	158684	40.242	ng	96
58) Fluorene	10.439	166	547024	38.136	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	142972	42.492	ng	98
60) Diethylphthalate	10.310	149	548205	40.253	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	267981	37.809	ng	100
62) 4-Nitroaniline	10.463	138	116739	40.081	ng	100
63) Azobenzene	10.592	77	571173	40.229	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	83758	40.911	ng	98
66) n-Nitrosodiphenylamine	10.551	169	468566	37.960	ng	99
67) 4-Bromophenyl-phenylether	10.921	248	157159	37.381	ng	99
68) Hexachlorobenzene	10.986	284	174159	37.031	ng	99
69) Atrazine	11.074	200	138727	60.201	ng	98
70) Pentachlorophenol	11.186	266	162338	80.713	ng	98
71) Phenanthrene	11.404	178	729100	39.114	ng	100
72) Anthracene	11.451	178	739749	40.388	ng	99
73) Carbazole	11.610	167	621097	38.327	ng	100
74) Di-n-butylphthalate	11.933	149	730597	41.491	ng	99
75) Fluoranthene	12.586	202	654227	37.199	ng	100
77) Benzidine	12.710	184	156606	55.465	ng	98
78) Pyrene	12.815	202	649667	39.099	ng	99
80) Butylbenzylphthalate	13.433	149	190026	42.185	ng	100
81) Benzo(a)anthracene	14.004	228	446599	39.779	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	98739	26.395	ng	98
83) Chrysene	14.039	228	411021	40.166	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	232320	39.983	ng	100
85) Di-n-octyl phthalate	14.598	149	431249	39.893	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	572773	39.518	ng	100
88) Benzo(b)fluoranthene	15.051	252	494597	39.838	ng	98
89) Benzo(k)fluoranthene	15.080	252	408129	37.042	ng	100
90) Benzo(a)pyrene	15.421	252	452266	41.706	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	465968	39.204	ng	100
92) Benzo(g,h,i)perylene	17.398	276	436333	35.001	ng	99

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

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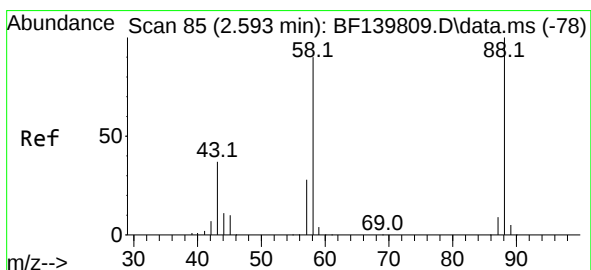
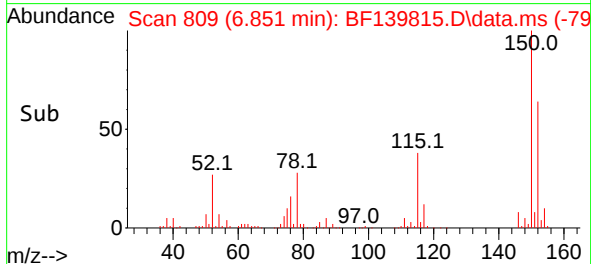
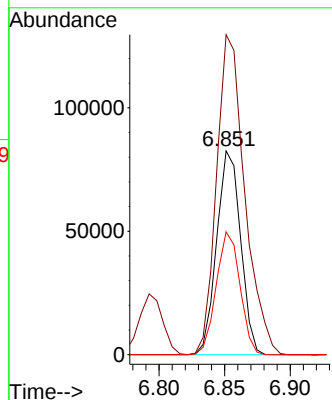
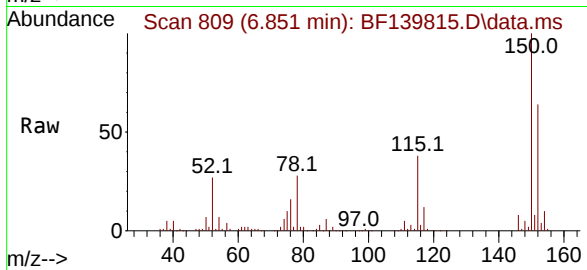




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF139815.D
 Acq: 15 Oct 2024 16:36

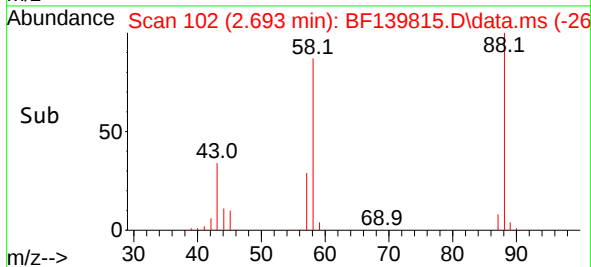
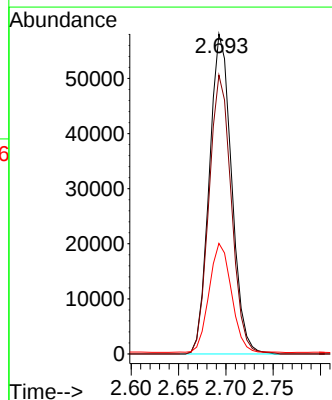
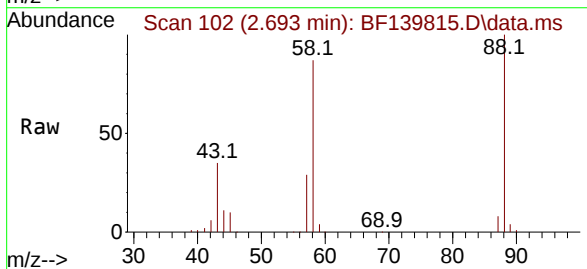
Instrument :
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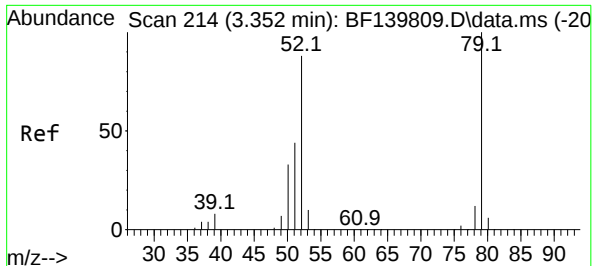
Tgt Ion:152 Resp: 104700
 Ion Ratio Lower Upper
 152 100
 150 157.0 128.2 192.2
 115 60.3 48.1 72.1



#2
 1,4-Dioxane
 Concen: 35.203 ng
 RT: 2.693 min Scan# 102
 Delta R.T. 0.100 min
 Lab File: BF139815.D
 Acq: 15 Oct 2024 16:36

Tgt Ion: 88 Resp: 95049
 Ion Ratio Lower Upper
 88 100
 58 87.4 71.3 106.9
 43 34.4 28.9 43.3

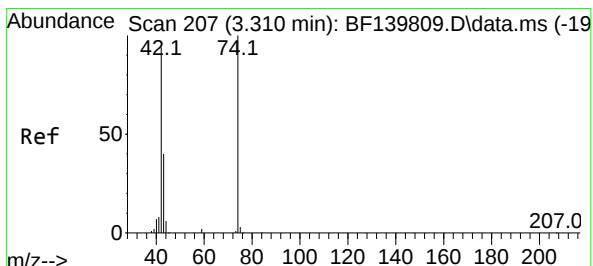
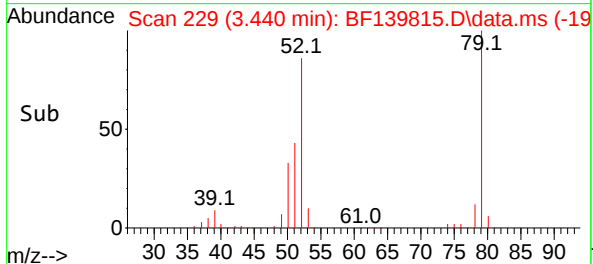
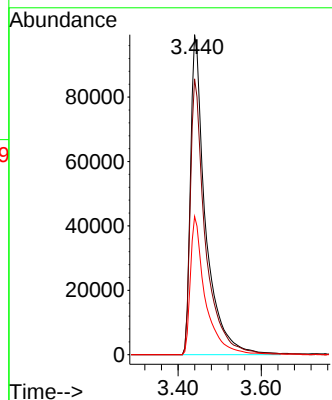
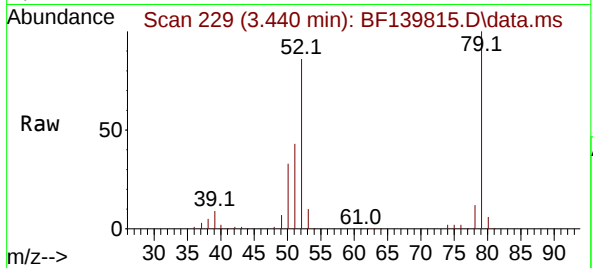




#3
Pyridine
Concen: 37.672 ng
RT: 3.440 min Scan# 214
Delta R.T. 0.088 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

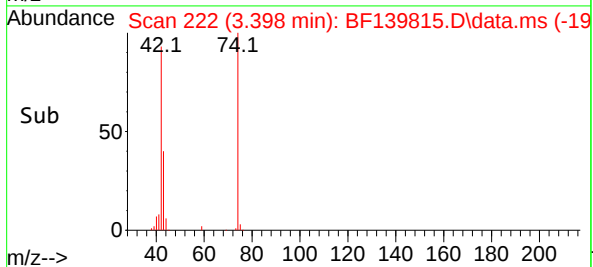
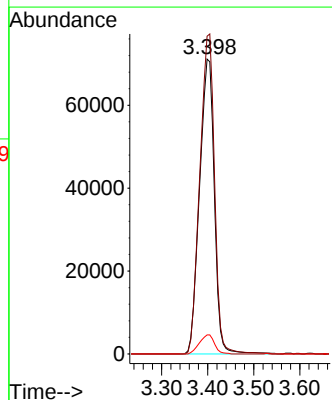
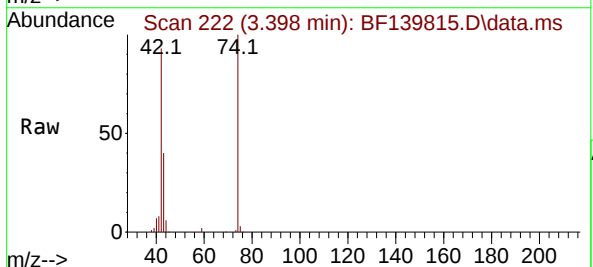
Instrument :
BNA_F
ClientSampleId :
PB164157BS

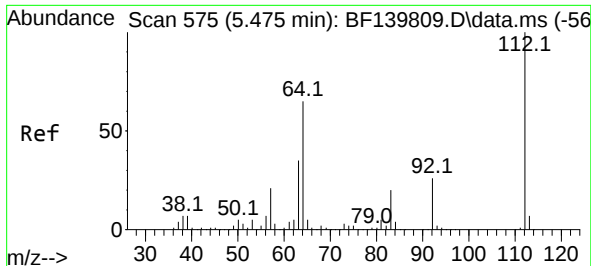
Tgt Ion: 79 Resp: 248921
Ion Ratio Lower Upper
79 100
52 86.2 70.0 105.0
51 43.2 35.2 52.8



#4
n-Nitrosodimethylamine
Concen: 40.567 ng
RT: 3.398 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion: 42 Resp: 159187
Ion Ratio Lower Upper
42 100
74 107.8 85.5 128.3
44 6.5 5.2 7.8

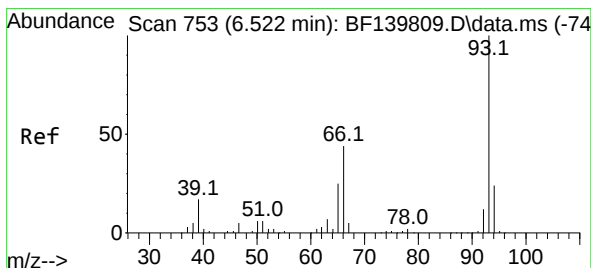
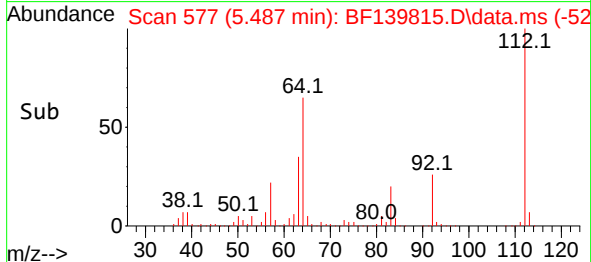
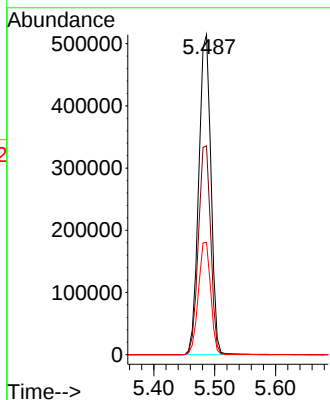
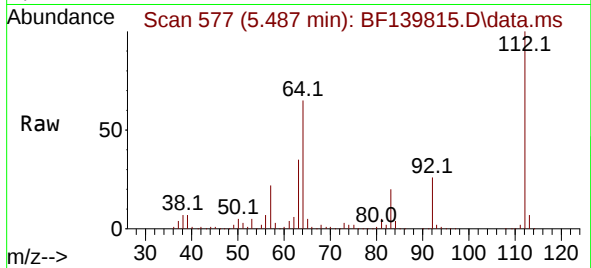




#5
2-Fluorophenol
Concen: 115.044 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

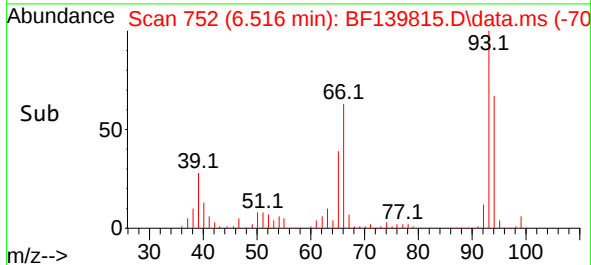
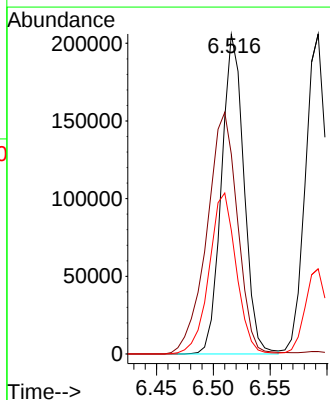
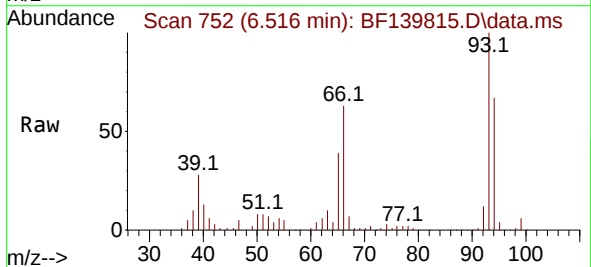
Instrument :
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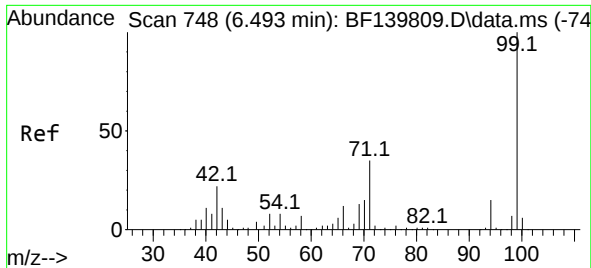
Tgt Ion:112 Resp: 713876
Ion Ratio Lower Upper
112 100
64 65.2 52.1 78.1
63 35.1 27.6 41.4



#6
Aniline
Concen: 39.698 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

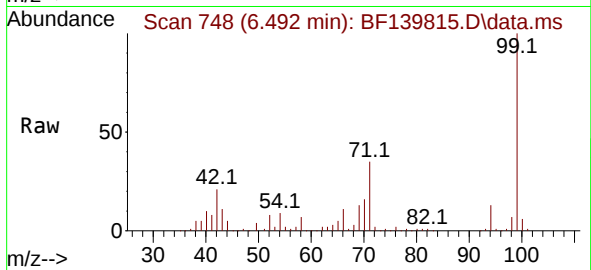
Tgt Ion: 93 Resp: 282273
Ion Ratio Lower Upper
93 100
66 62.5 37.3 55.9#
65 38.7 20.9 31.3#





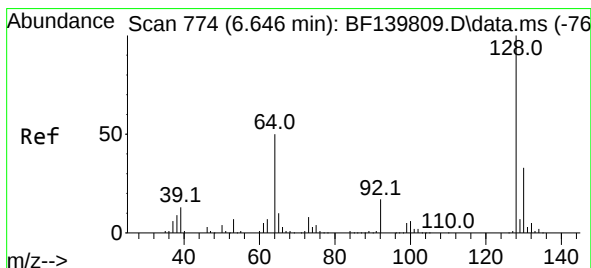
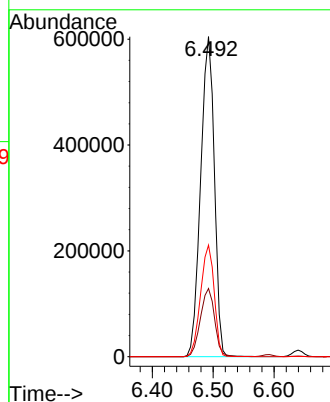
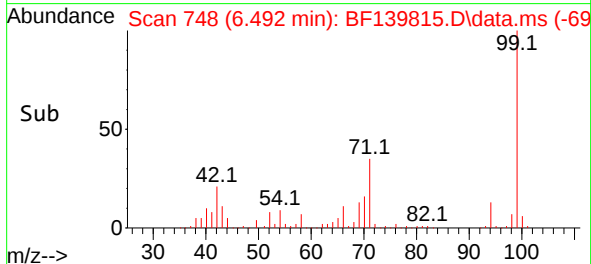
#7
Phenol-d6
Concen: 114.350 ng
RT: 6.492 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :
BNA_F
ClientSampleId :
PB164157BS



Tgt Ion: 99 Resp: 943670

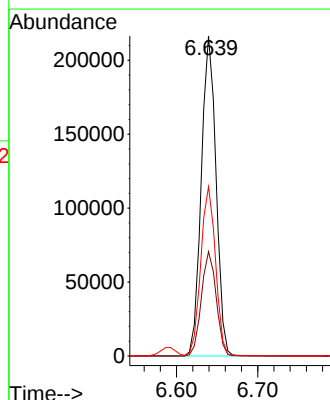
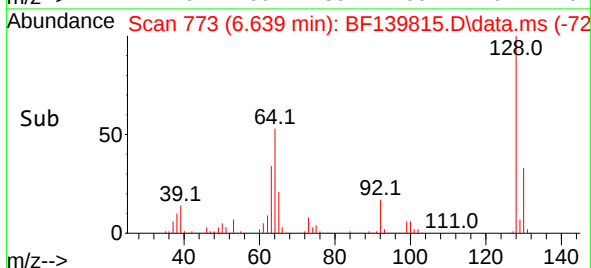
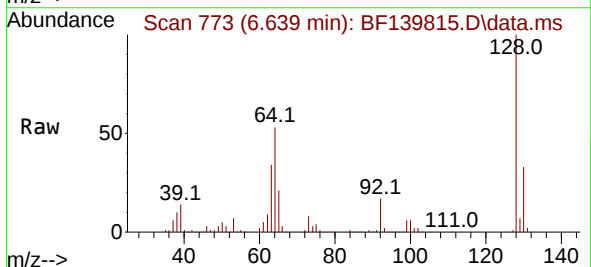
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.3	25.9
71	34.9	27.8	41.6

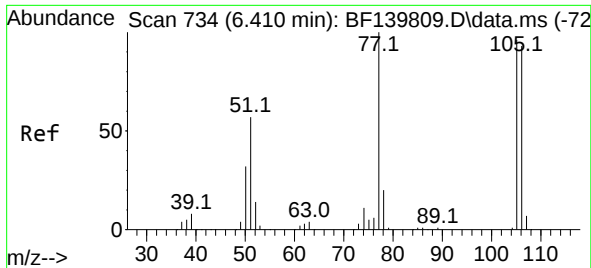


#8
2-Chlorophenol
Concen: 41.689 ng
RT: 6.639 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion: 128 Resp: 273121

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.7	52.7
64	52.9	31.2	71.2





#9

Benzaldehyde

Concen: 17.681 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

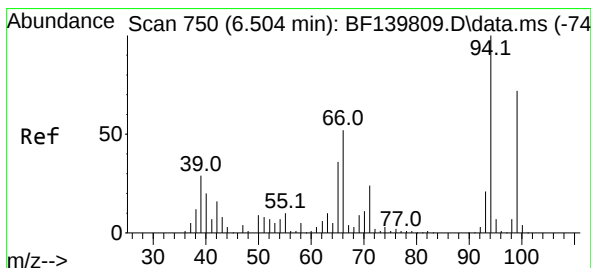
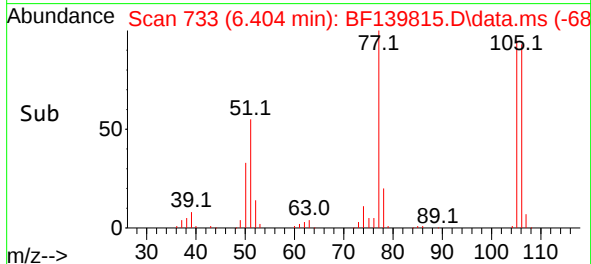
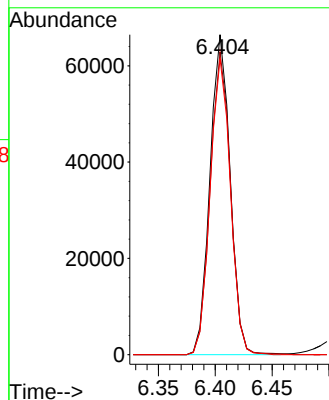
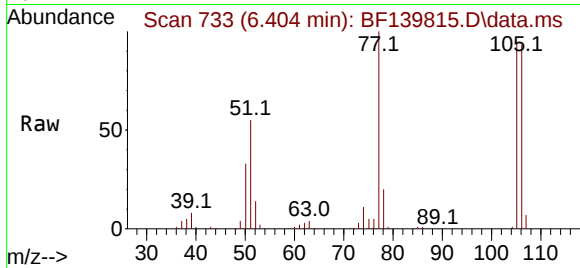
Tgt Ion: 77 Resp: 81956

Ion Ratio Lower Upper

77 100

105 94.6 75.9 115.9

106 92.5 73.4 113.4



#10

Phenol

Concen: 41.012 ng

RT: 6.504 min Scan# 750

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

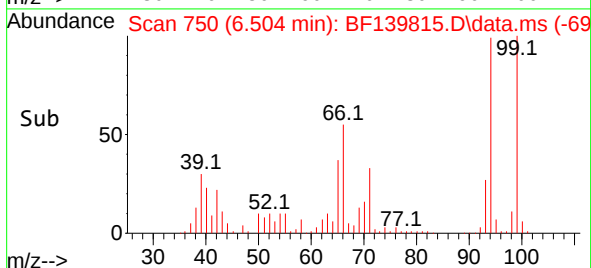
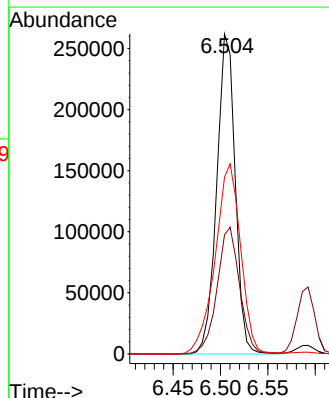
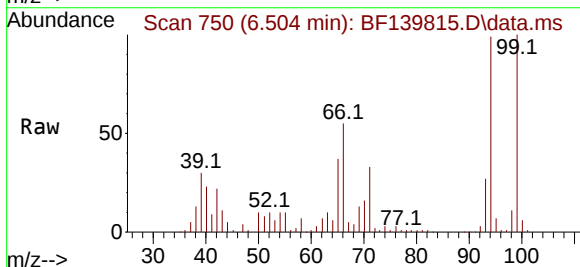
Tgt Ion: 94 Resp: 355269

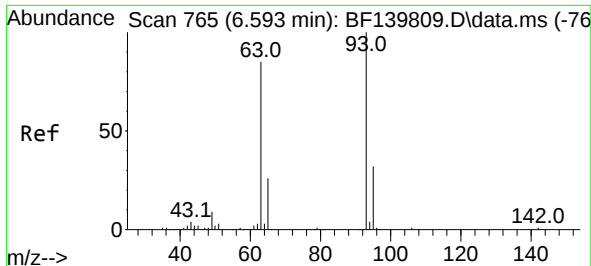
Ion Ratio Lower Upper

94 100

65 37.2 15.7 55.7

66 55.2 32.2 72.2

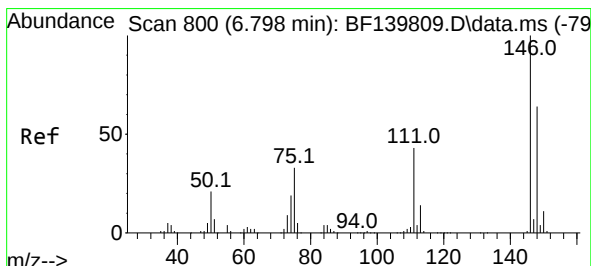
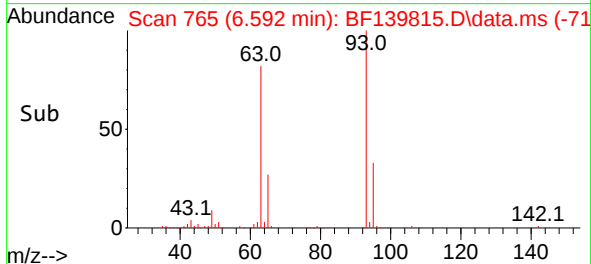
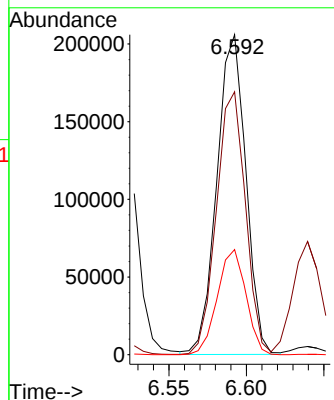
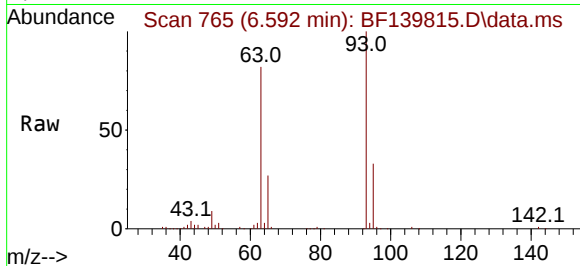




#11
bis(2-Chloroethyl)ether
Concen: 41.446 ng
RT: 6.592 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

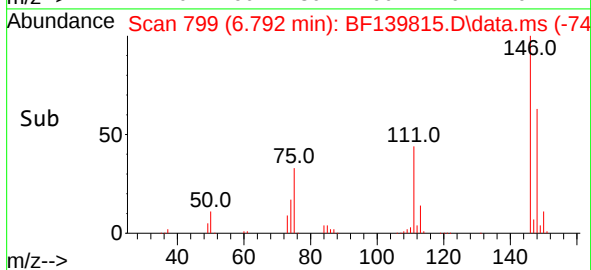
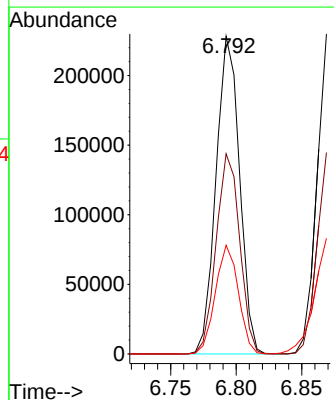
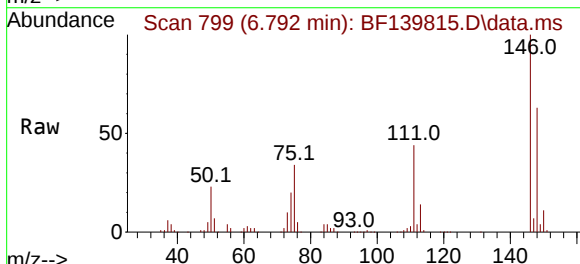
Instrument :
BNA_F
ClientSampleId :
PB164157BS

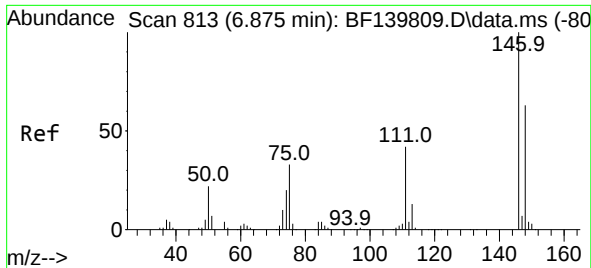
Tgt Ion: 93 Resp: 267739
Ion Ratio Lower Upper
93 100
63 82.2 64.7 104.7
95 32.9 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 38.355 ng
RT: 6.792 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:146 Resp: 284116
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.6
75 34.2 26.3 39.5

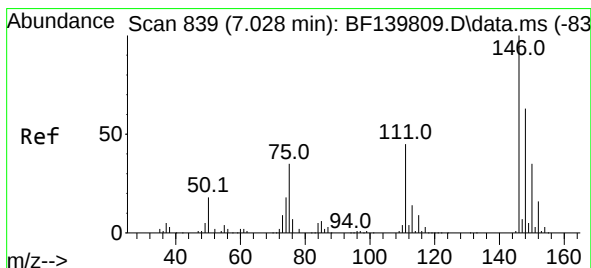
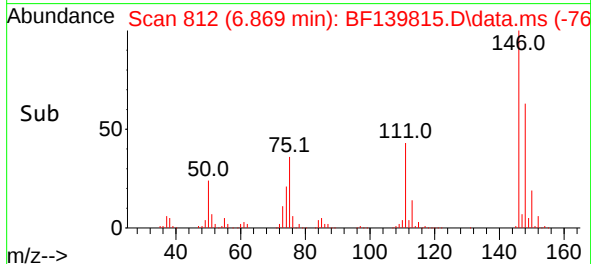
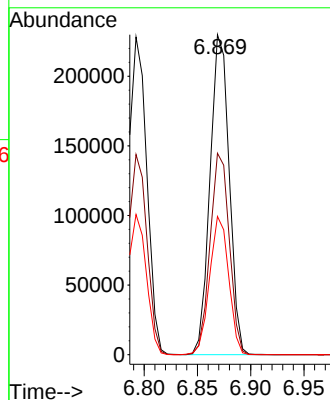
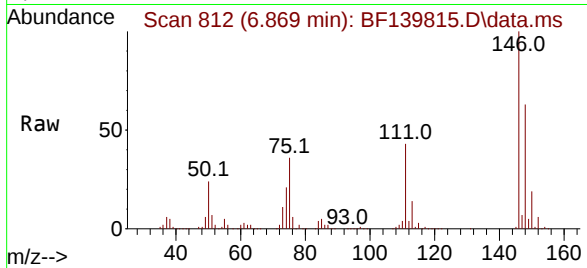




#13
1,4-Dichlorobenzene
Concen: 38.711 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

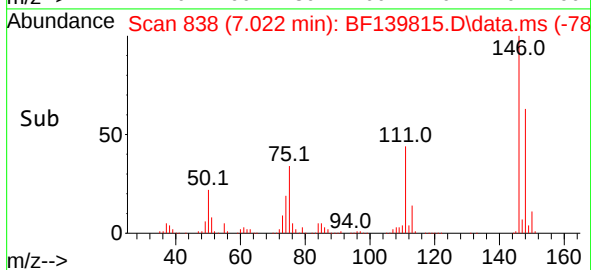
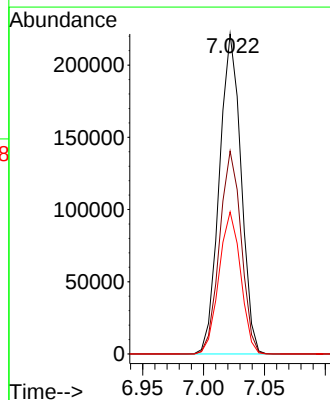
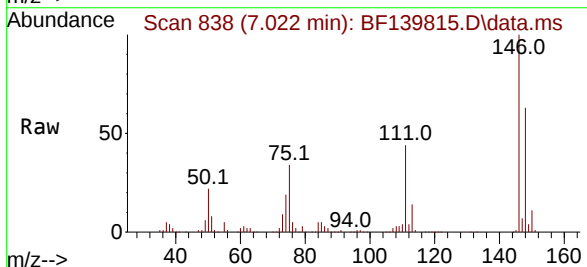
Instrument :
BNA_F
ClientSampleId :
PB164157BS

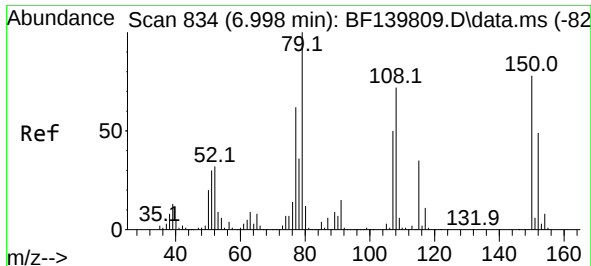
Tgt Ion:146 Resp: 287651
Ion Ratio Lower Upper
146 100
148 63.0 50.6 76.0
111 43.2 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 39.864 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:146 Resp: 274840
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
111 44.4 36.0 54.0

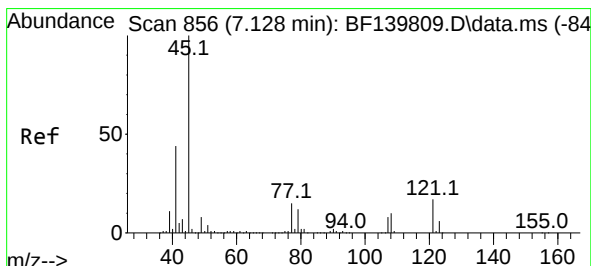
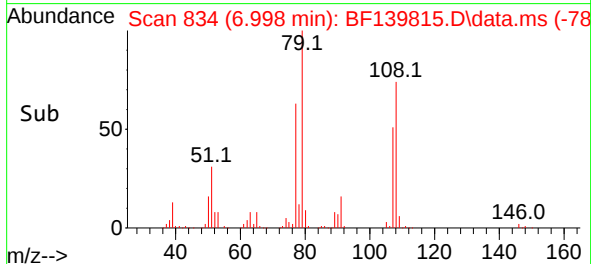
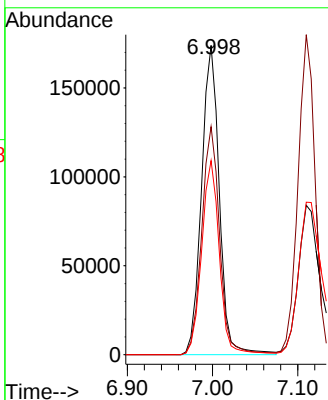
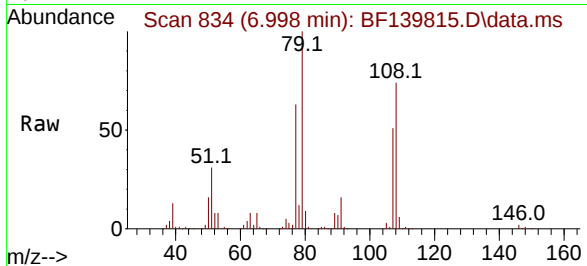




#15
Benzyl Alcohol
Concen: 42.466 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

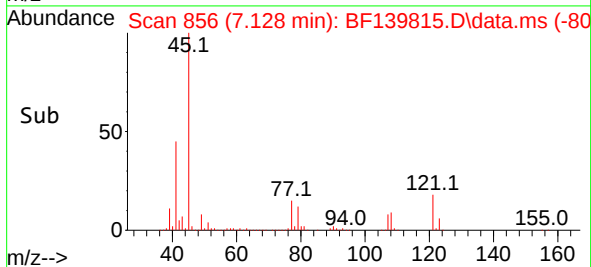
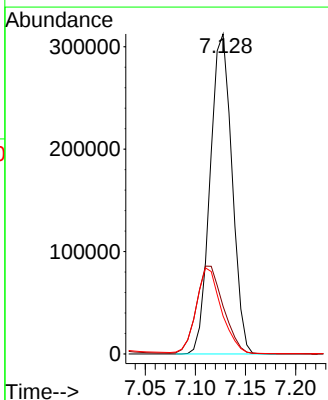
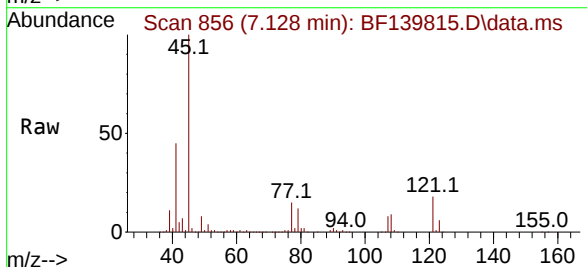
Instrument :
BNA_F
ClientSampleId :
PB164157BS

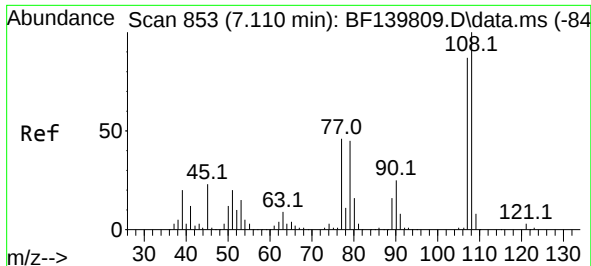
Tgt Ion: 79 Resp: 252235
Ion Ratio Lower Upper
79 100
108 73.7 57.3 85.9
77 62.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.783 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion: 45 Resp: 473014
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.4
79 11.8 0.0 32.4

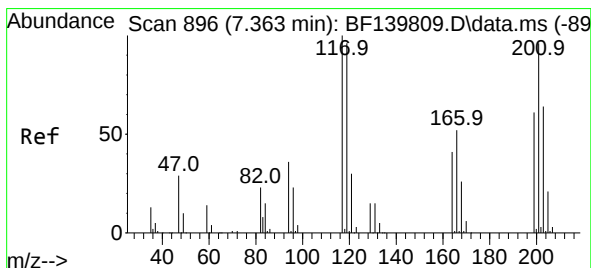
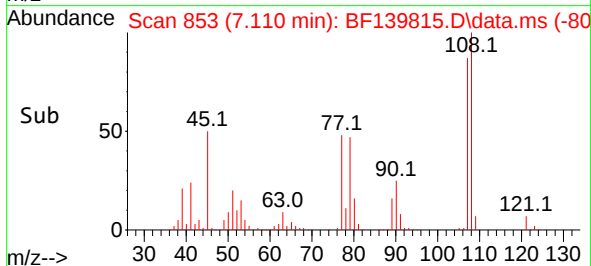
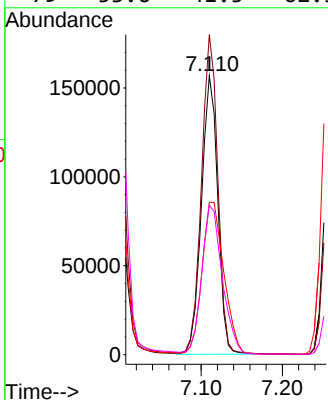
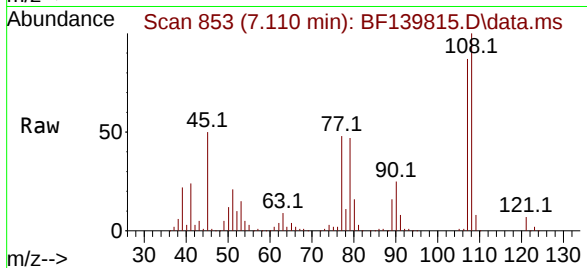




#17
2-Methylphenol
Concen: 41.307 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

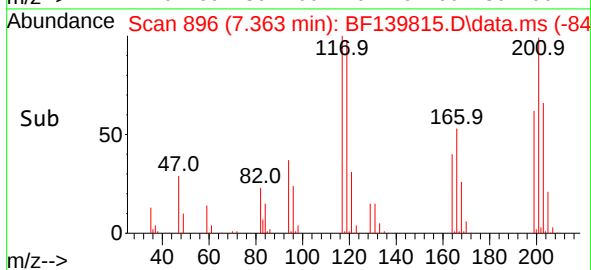
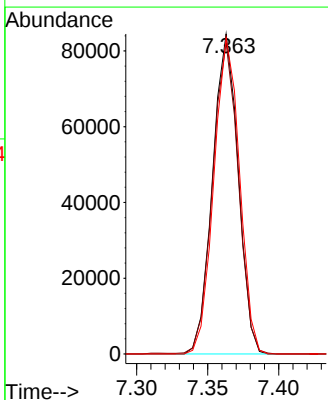
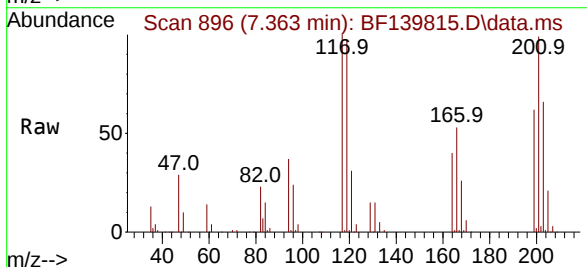
Instrument :
BNA_F
ClientSampleId :
PB164157BS

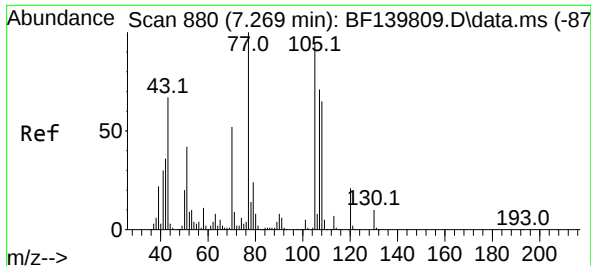
Tgt Ion:	107	Resp:	218925
Ion	Ratio	Lower	Upper
107	100		
108	114.7	92.2	138.4
77	54.7	42.2	63.2
79	53.6	41.5	62.3



#18
Hexachloroethane
Concen: 39.266 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:	117	Resp:	105707
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.0	115.4
201	98.9	76.9	115.3



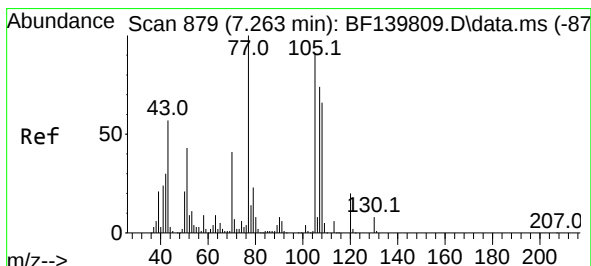
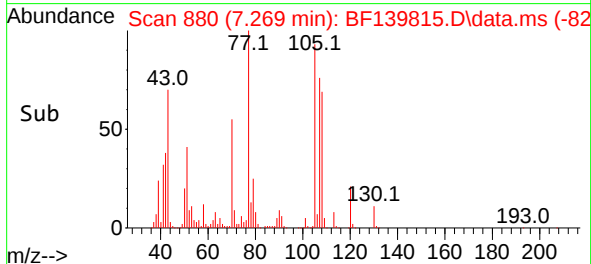
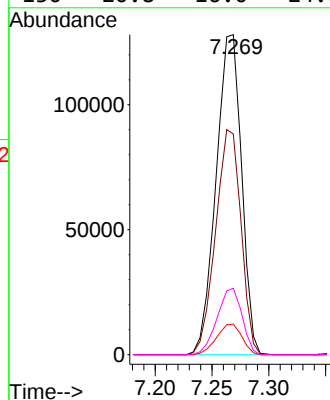
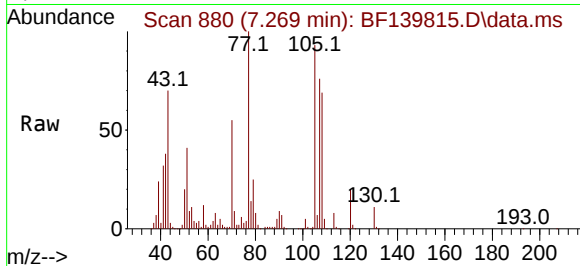


#19
n-Nitroso-di-n-propylamine
Concen: 41.617 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :
BNA_F
ClientSampleId :
PB164157BS

Tgt Ion: 70 Resp: 200001

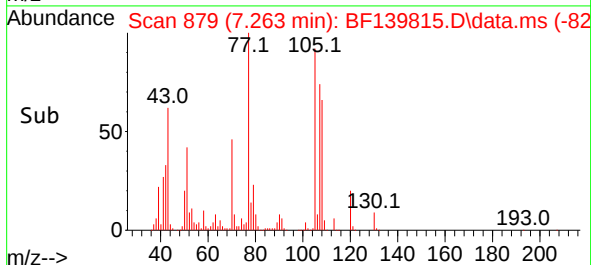
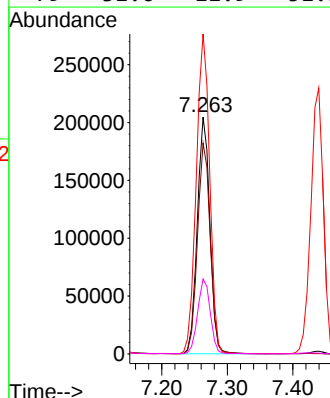
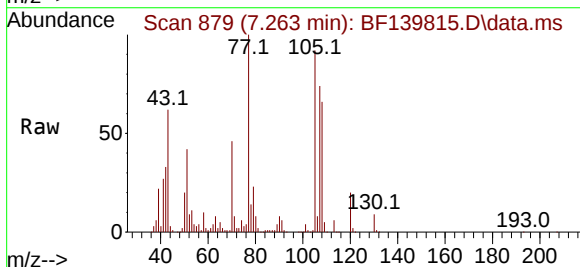
Ion	Ratio	Lower	Upper
70	100		
42	68.9	55.8	83.6
101	9.5	7.4	11.0
130	20.8	16.0	24.0

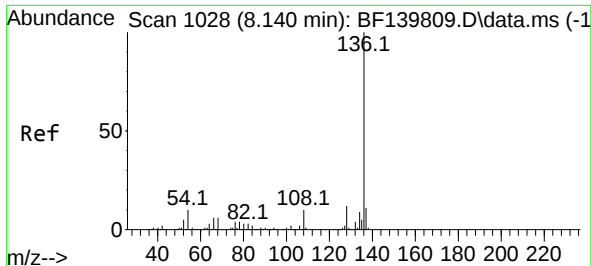


#20
3+4-Methylphenols
Concen: 41.107 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion: 107 Resp: 273949

Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.9	109.9
77	135.2	115.6	155.6
79	31.6	11.9	51.9



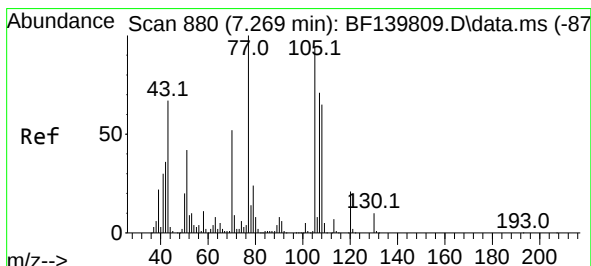
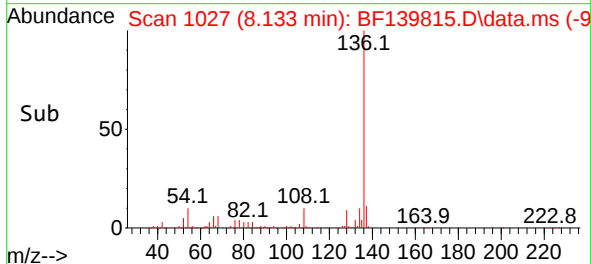
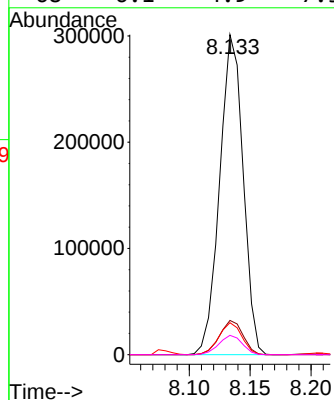
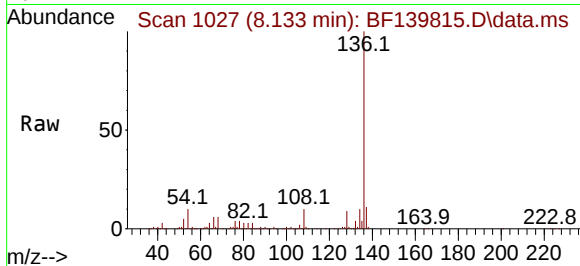


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :
BNA_F
ClientSampleId :
PB164157BS

Tgt Ion:136 Resp: 404007

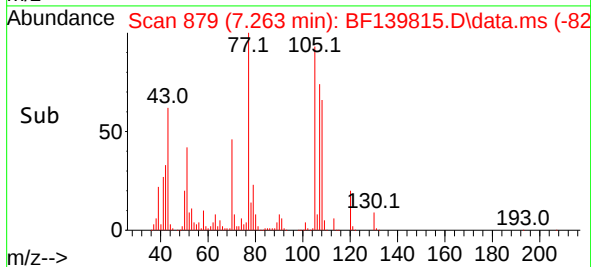
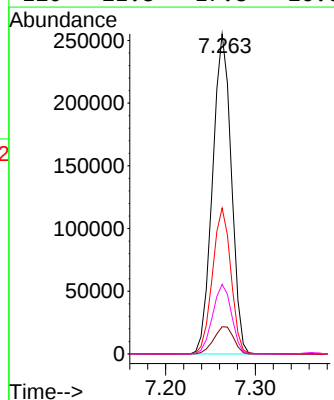
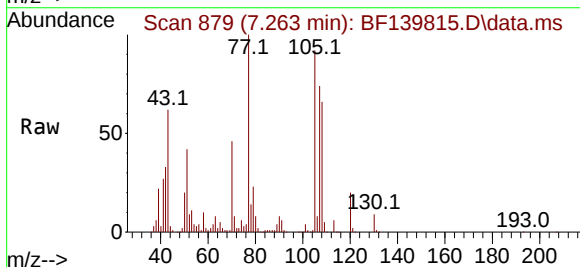
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.0	7.7	11.5
68	6.1	4.9	7.3

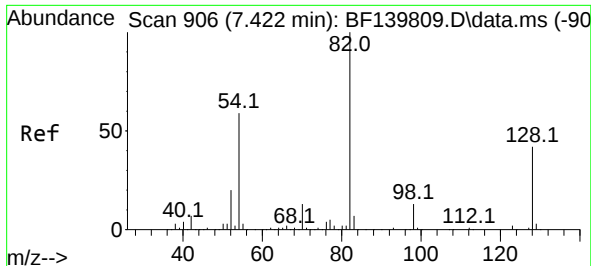


#22
Acetophenone
Concen: 39.074 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:105 Resp: 370473

Ion	Ratio	Lower	Upper
105	100		
71	8.5	7.3	10.9
51	45.6	35.4	53.2
120	21.8	17.8	26.6





#23

Nitrobenzene-d5

Concen: 77.597 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

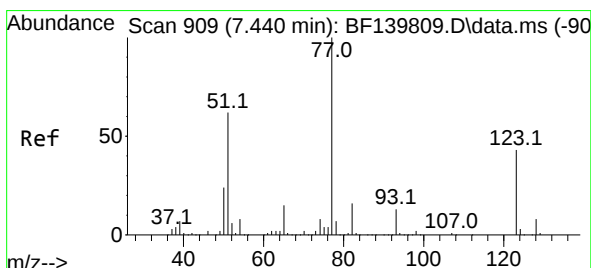
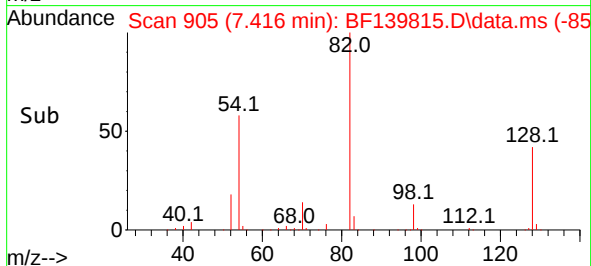
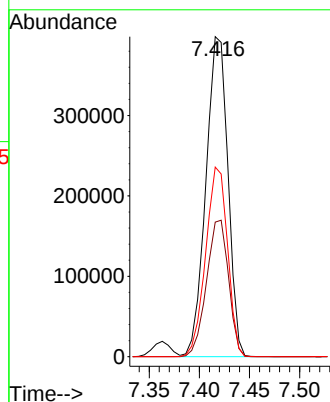
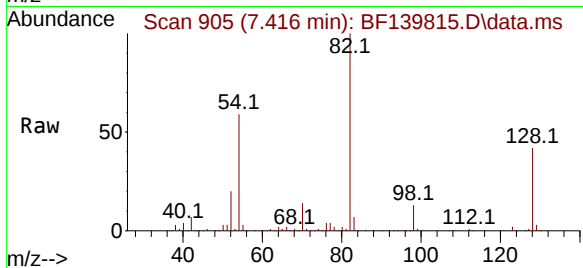
Tgt Ion: 82 Resp: 609081

Ion Ratio Lower Upper

82 100

128 42.1 33.9 50.9

54 59.3 46.9 70.3



#24

Nitrobenzene

Concen: 37.381 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

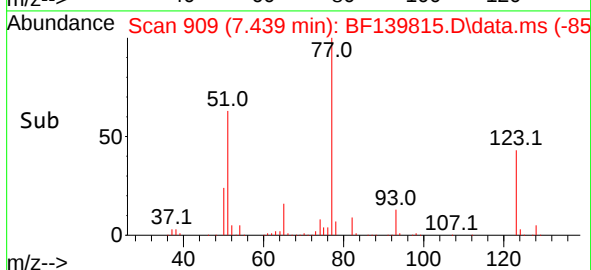
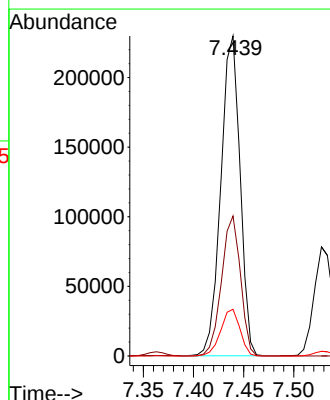
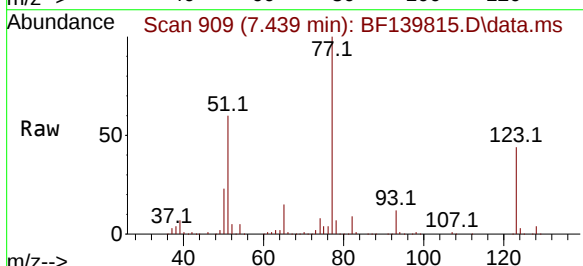
Tgt Ion: 77 Resp: 305884

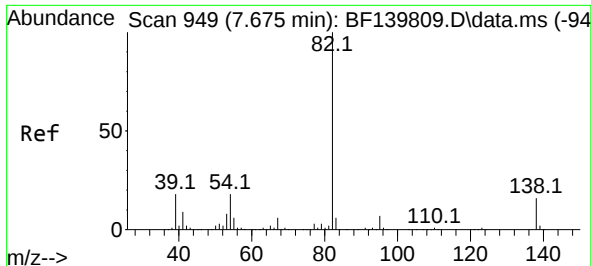
Ion Ratio Lower Upper

77 100

123 43.7 34.5 51.7

65 14.6 12.2 18.2

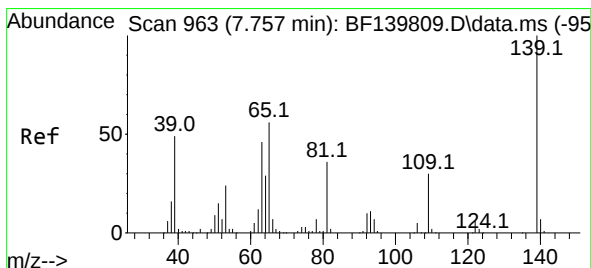
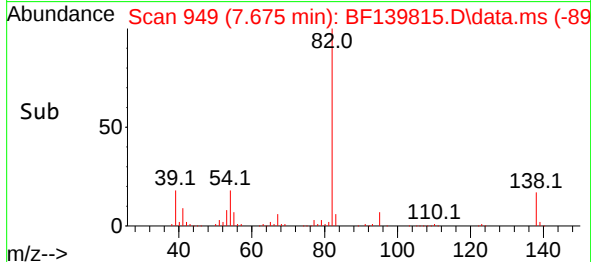
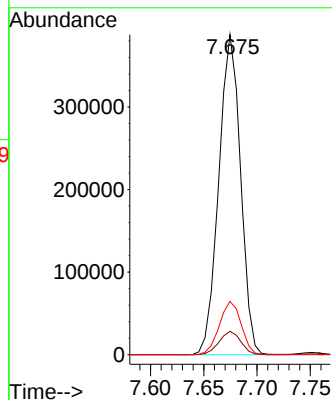
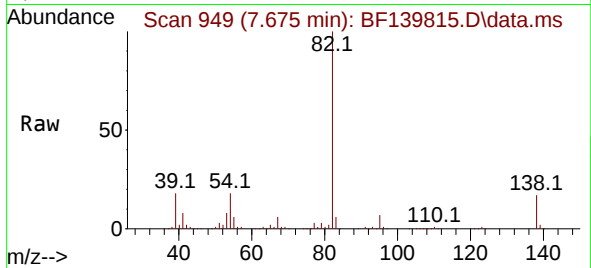




#25
Isophorone
Concen: 41.109 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

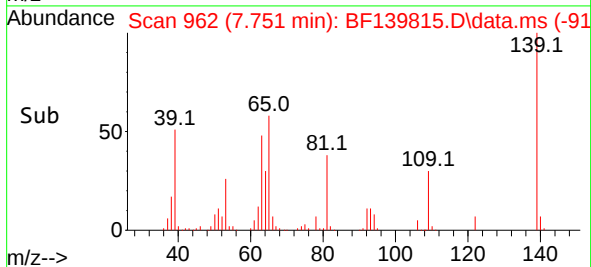
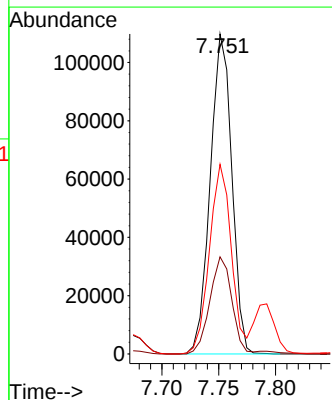
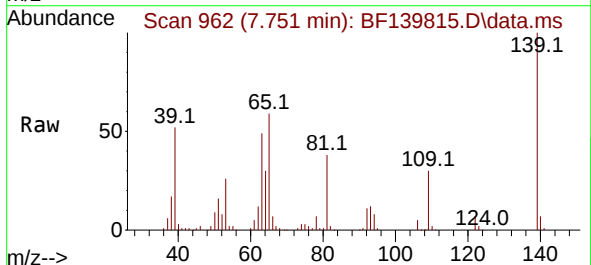
Instrument :
BNA_F
ClientSampleId :
PB164157BS

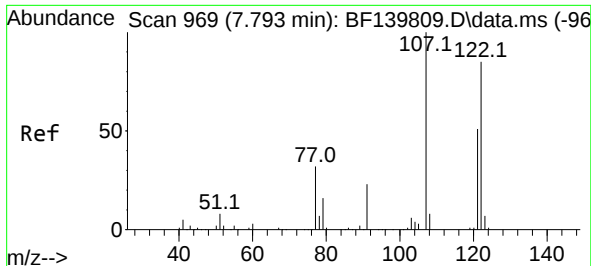
Tgt Ion: 82 Resp: 550668
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.7 13.2 19.8



#26
2-Nitrophenol
Concen: 40.771 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:139 Resp: 145260
Ion Ratio Lower Upper
139 100
109 30.4 24.2 36.2
65 59.3 44.9 67.3

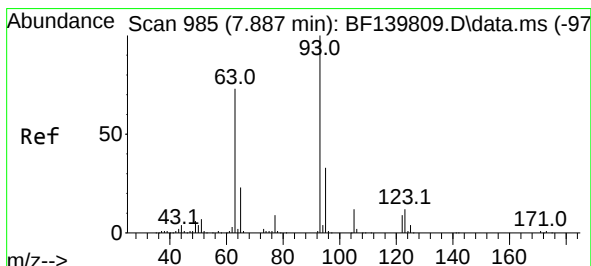
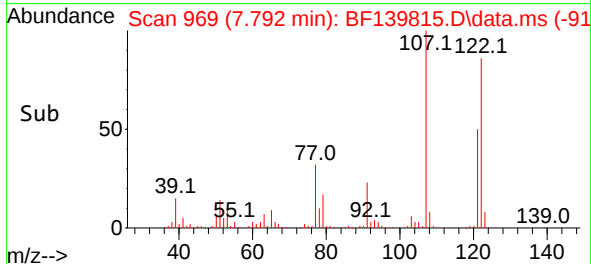
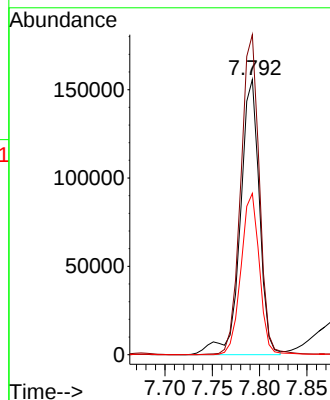
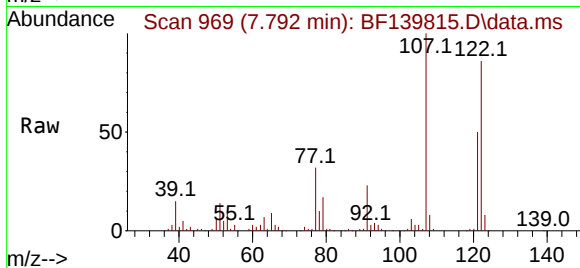




#27
2,4-Dimethylphenol
Concen: 50.379 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

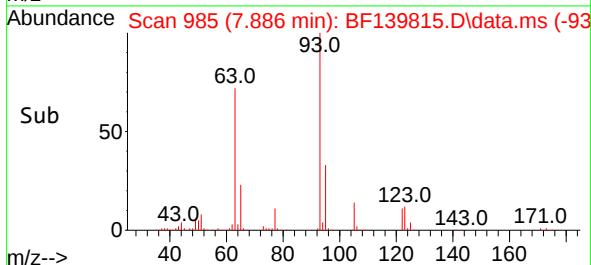
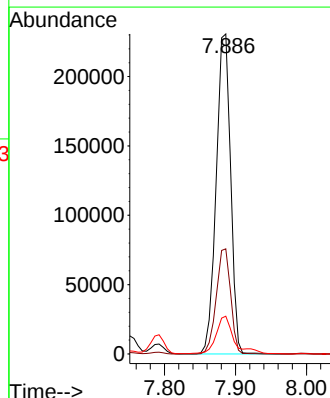
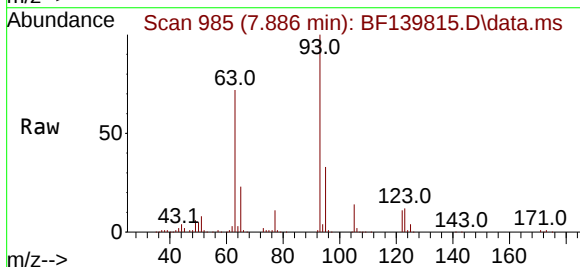
Instrument :
BNA_F
ClientSampleId :
PB164157BS

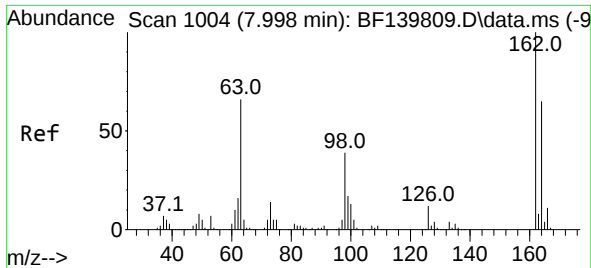
Tgt Ion:122 Resp: 218107
Ion Ratio Lower Upper
122 100
107 116.3 91.6 137.4
121 58.6 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.469 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion: 93 Resp: 324476
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 11.8 9.4 14.0

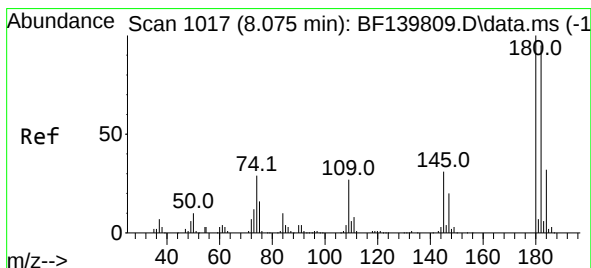
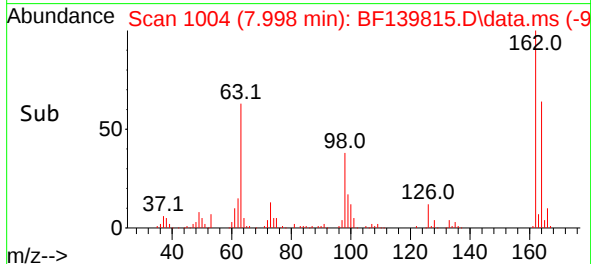
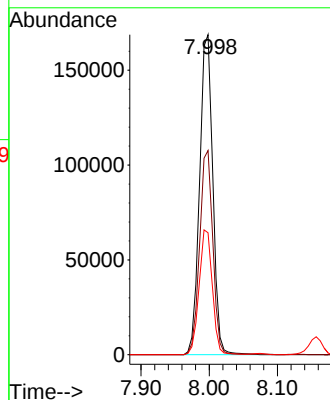
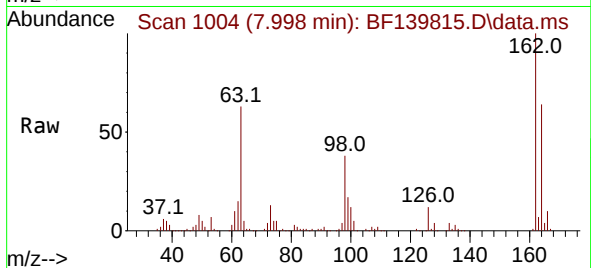




#29
2,4-Dichlorophenol
Concen: 40.380 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

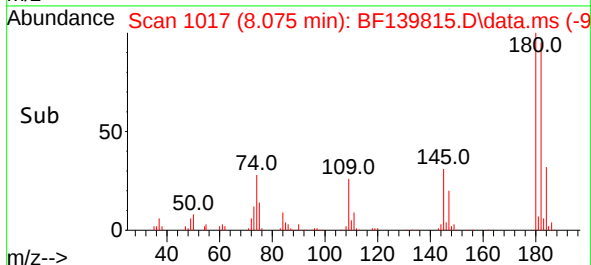
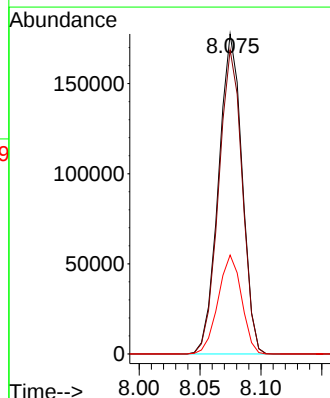
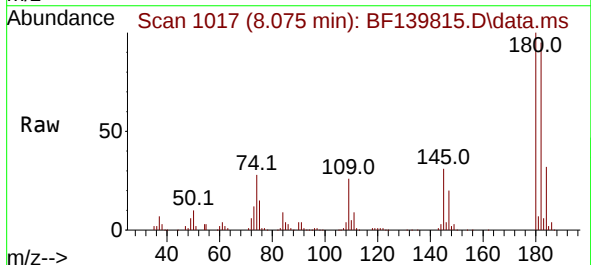
Instrument :
BNA_F
ClientSampleId :
PB164157BS

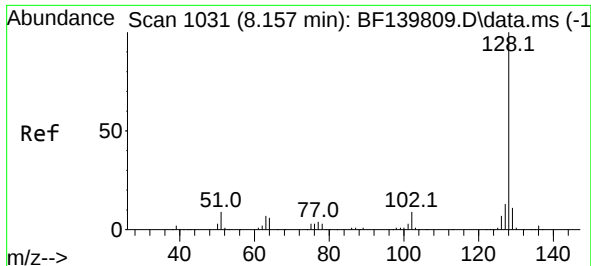
Tgt Ion:162 Resp: 226721
Ion Ratio Lower Upper
162 100
164 63.8 45.0 85.0
98 38.1 19.2 59.2



#30
1,2,4-Trichlorobenzene
Concen: 37.330 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

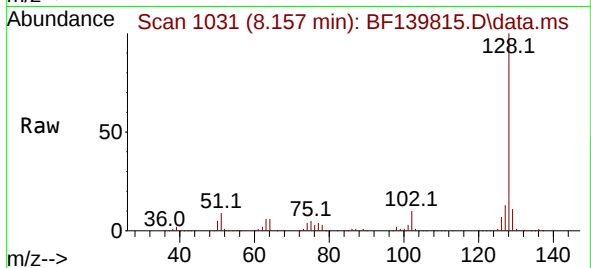
Tgt Ion:180 Resp: 238636
Ion Ratio Lower Upper
180 100
182 95.1 75.9 113.9
145 30.9 25.1 37.7



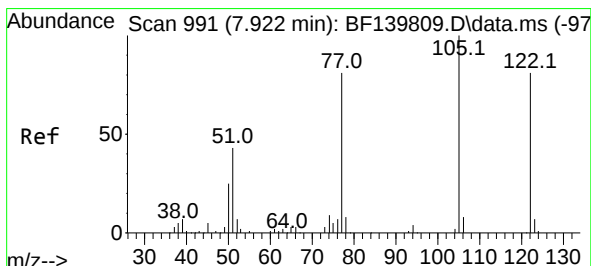
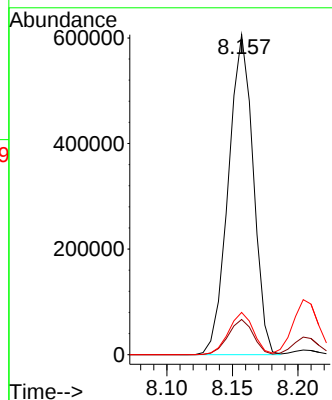
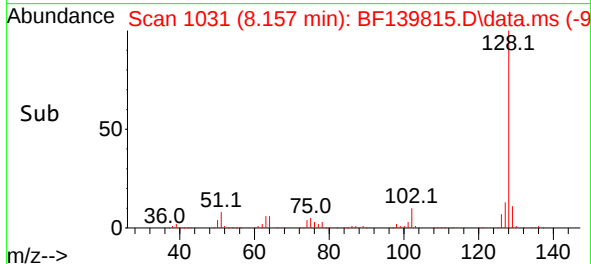


#31
Naphthalene
Concen: 38.408 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :
BNA_F
ClientSampleId :
PB164157BS

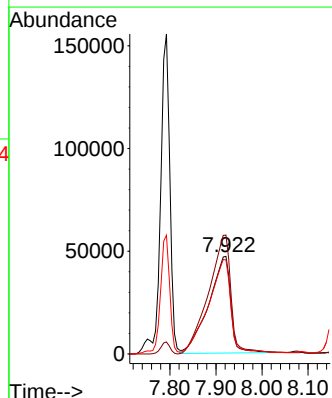
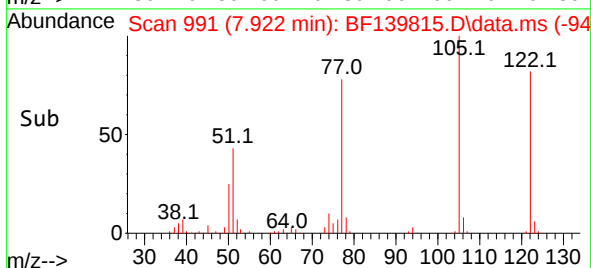
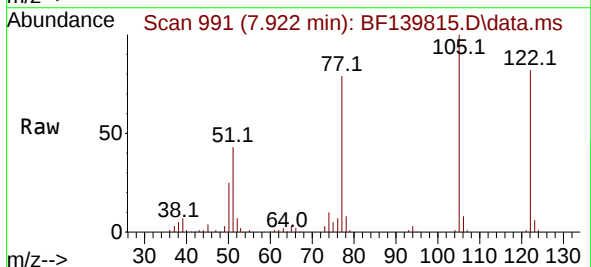


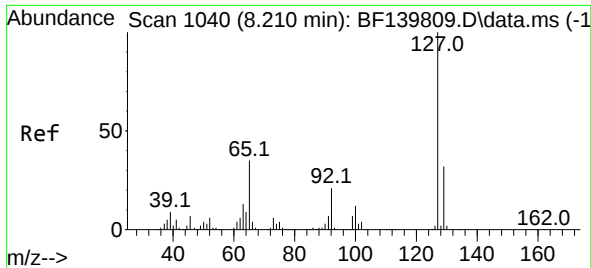
Tgt Ion:128 Resp: 799708
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 39.252 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:122 Resp: 156899
Ion Ratio Lower Upper
122 100
105 121.7 101.2 141.2
77 96.4 78.7 118.7

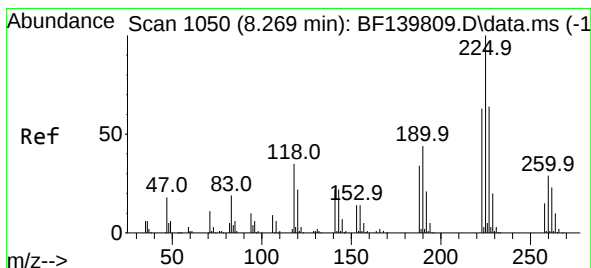
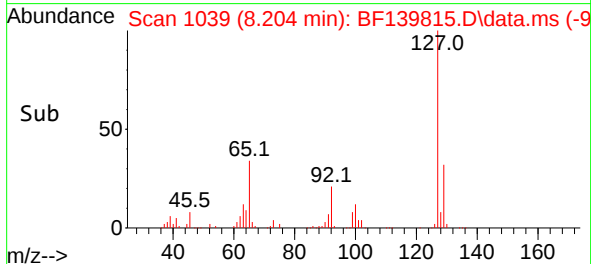
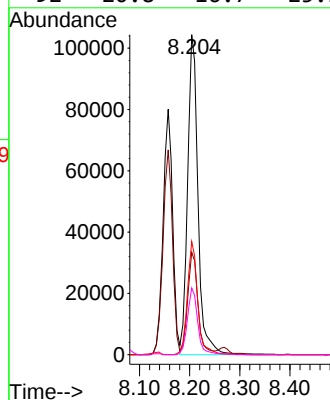
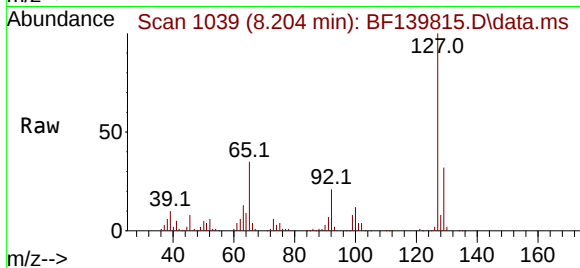




#33
4-Chloroaniline
Concen: 22.099 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

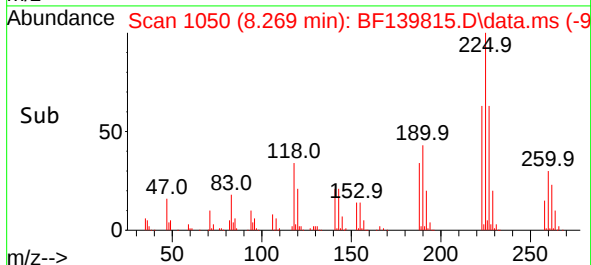
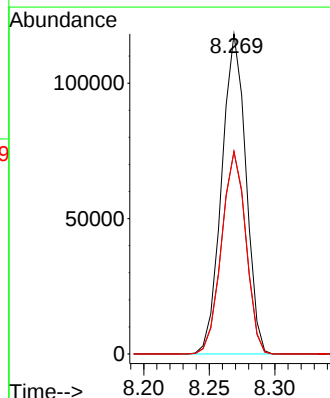
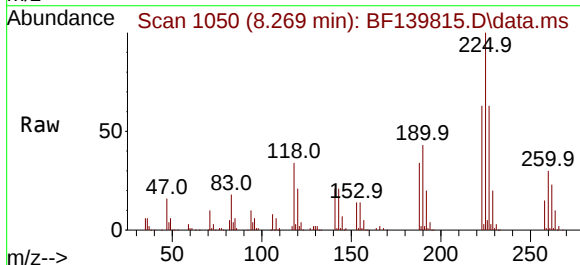
Instrument :
BNA_F
ClientSampleId :
PB164157BS

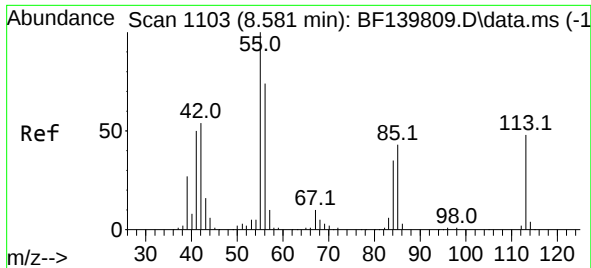
Tgt Ion:	127	Resp:	150899
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	35.4	27.8	41.6
92	20.8	16.7	25.1



#34
Hexachlorobutadiene
Concen: 37.314 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:	225	Resp:	151361
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.4	75.6
227	63.3	50.9	76.3

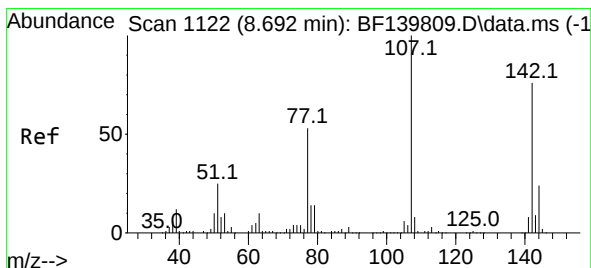
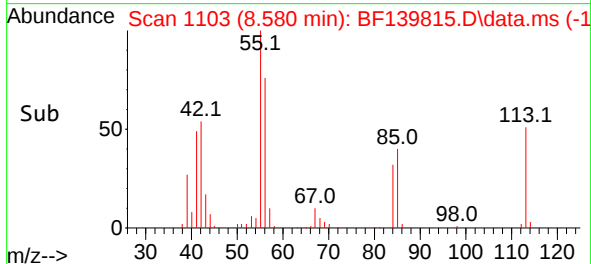
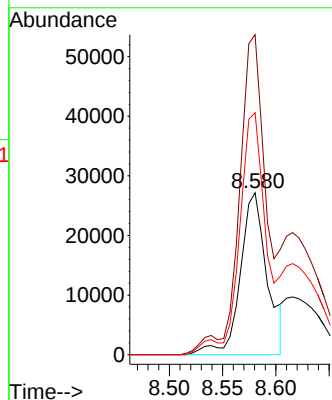
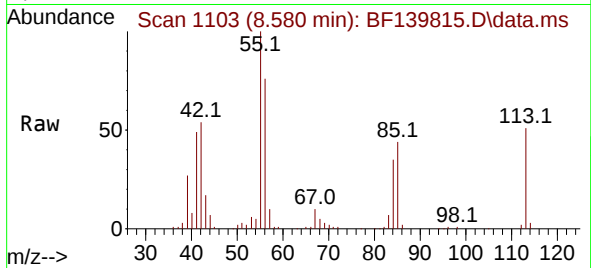




#35
 Caprolactam
 Concen: 30.093 ng
 RT: 8.580 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: BF139815.D
 Acq: 15 Oct 2024 16:36

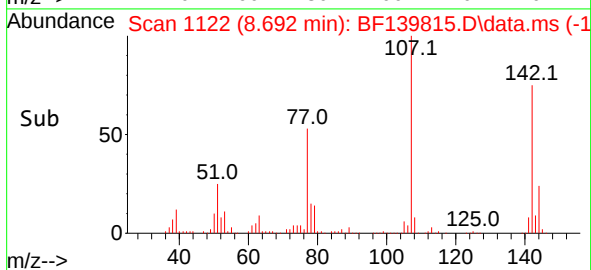
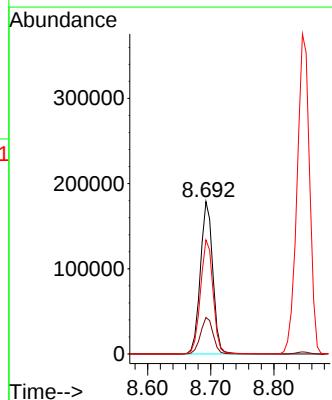
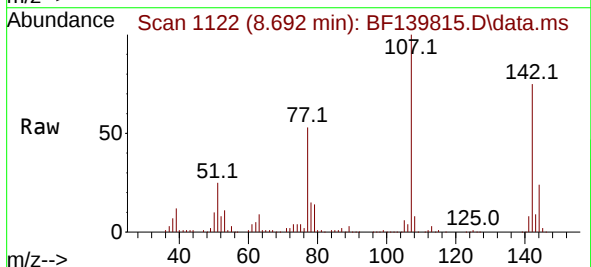
Instrument :
 BNA_F
 ClientSampleId :
 PB164157BS

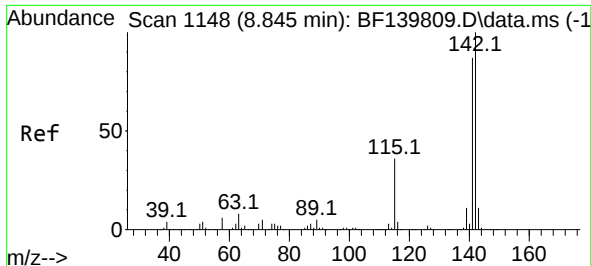
Tgt Ion:113 Resp: 47704
 Ion Ratio Lower Upper
 113 100
 55 197.6 187.1 227.1
 56 149.5 134.0 174.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.054 ng
 RT: 8.692 min Scan# 1122
 Delta R.T. -0.000 min
 Lab File: BF139815.D
 Acq: 15 Oct 2024 16:36

Tgt Ion:107 Resp: 244789
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.5 29.3
 142 75.0 60.6 91.0





#37

2-Methylnaphthalene

Concen: 39.556 ng

RT: 8.845 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

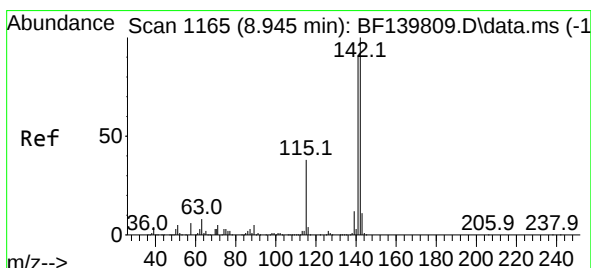
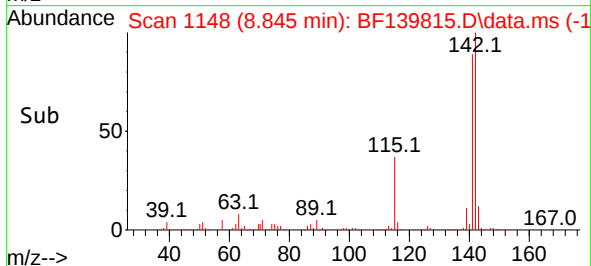
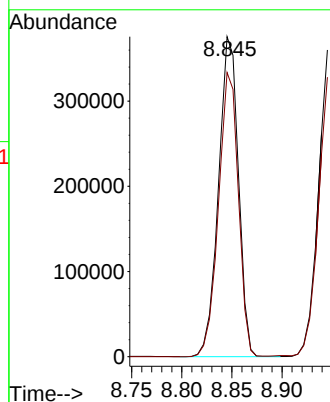
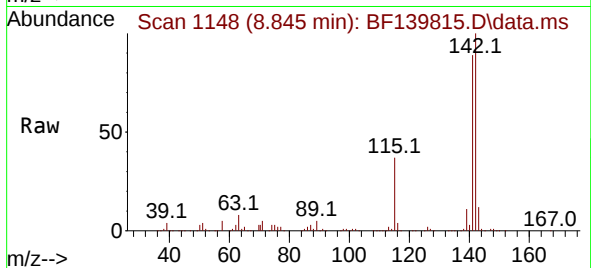
PB164157BS

Tgt Ion:142 Resp: 516367

Ion Ratio Lower Upper

142 100

141 88.8 69.8 104.8



#38

1-Methylnaphthalene

Concen: 37.768 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF139815.D

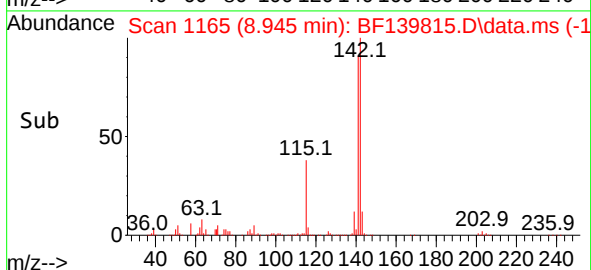
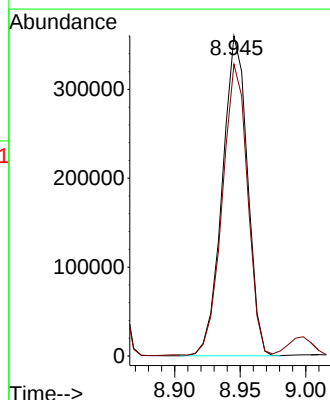
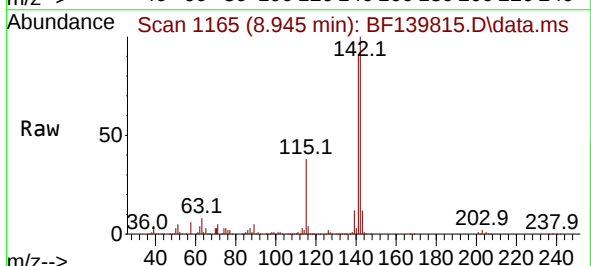
Acq: 15 Oct 2024 16:36

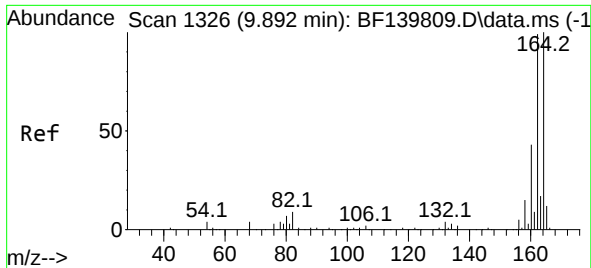
Tgt Ion:142 Resp: 479981

Ion Ratio Lower Upper

142 100

141 91.1 72.8 109.2

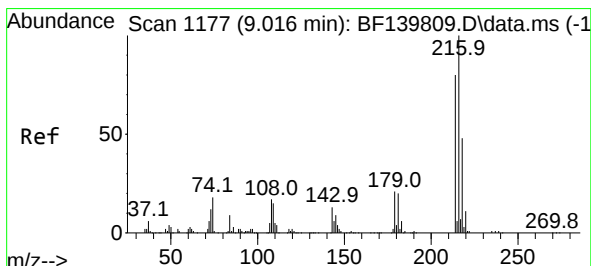
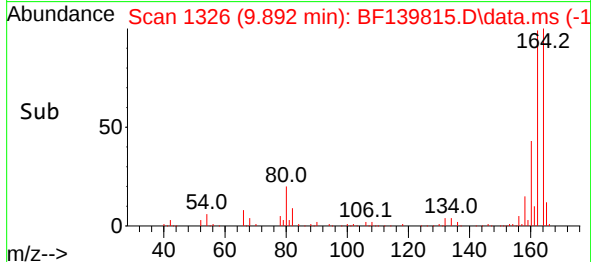
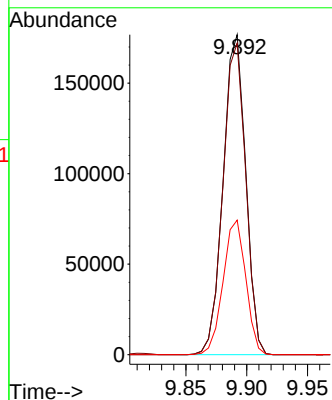
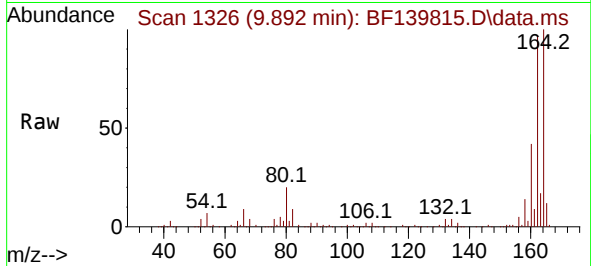




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

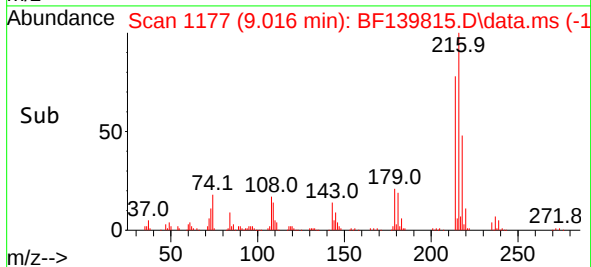
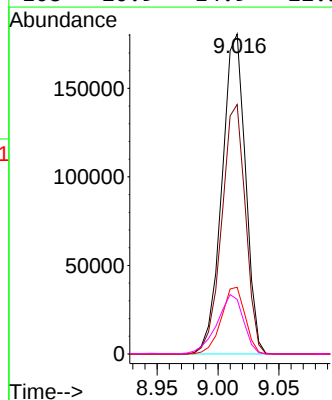
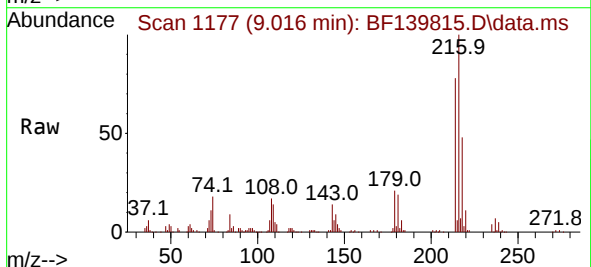
Instrument :
BNA_F
ClientSampleId :
PB164157BS

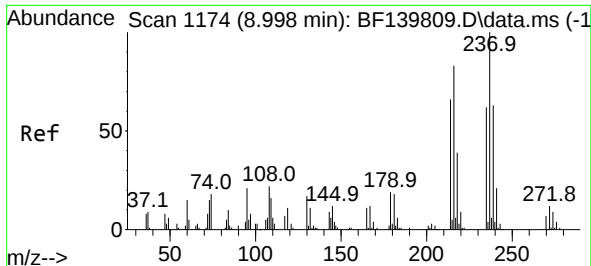
Tgt Ion:164 Resp: 228692
Ion Ratio Lower Upper
164 100
162 97.4 79.1 118.7
160 42.1 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.584 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

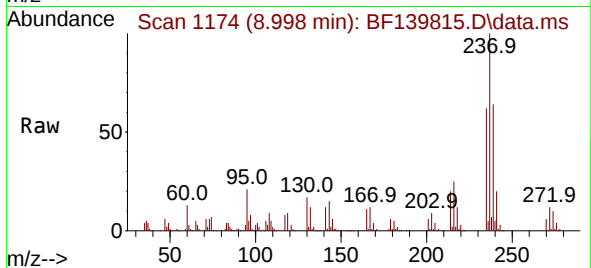
Tgt Ion:216 Resp: 243003
Ion Ratio Lower Upper
216 100
214 78.2 63.7 95.5
179 21.0 17.0 25.4
108 20.9 14.9 22.3



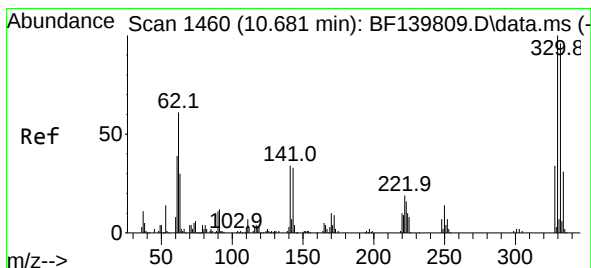
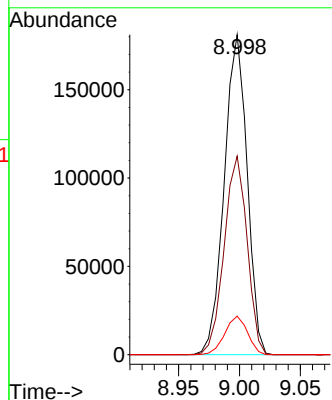
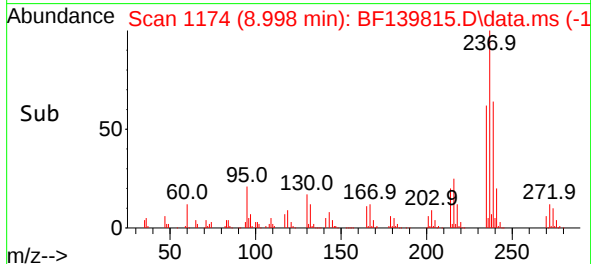


#41
Hexachlorocyclopentadiene
Concen: 138.022 ng
RT: 8.998 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

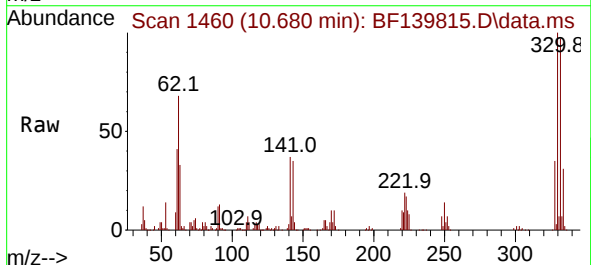
Instrument :
BNA_F
ClientSampleId :
PB164157BS



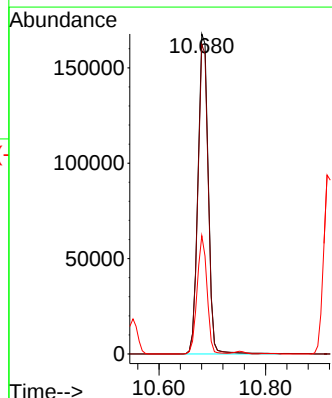
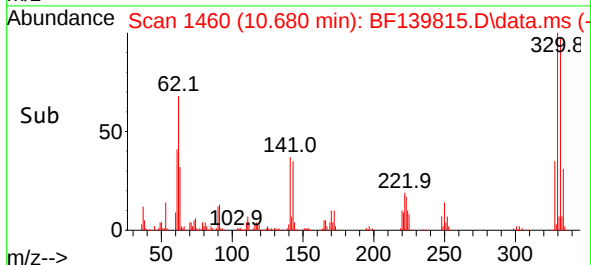
Tgt Ion:237 Resp: 236806
Ion Ratio Lower Upper
237 100
235 62.0 41.9 81.9
272 12.0 0.0 31.8

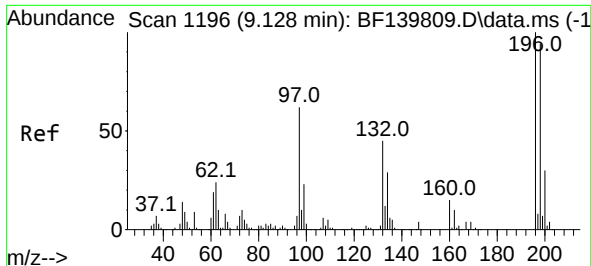


#42
2,4,6-Tribromophenol
Concen: 116.520 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36



Tgt Ion:330 Resp: 224738
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 35.4 27.8 41.6





#43

2,4,6-Trichlorophenol

Concen: 38.498 ng

RT: 9.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

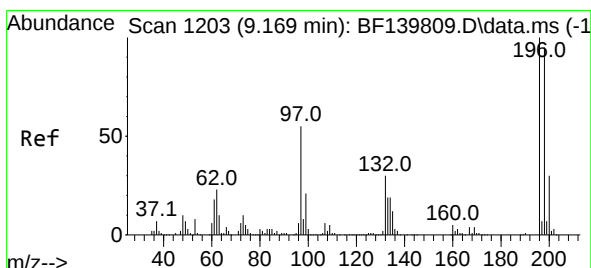
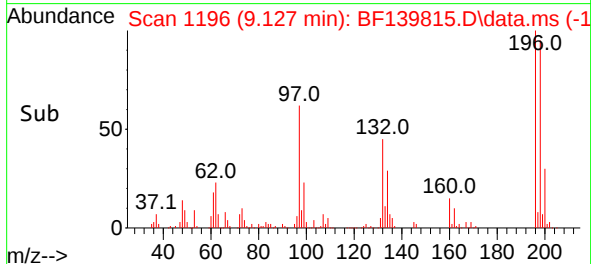
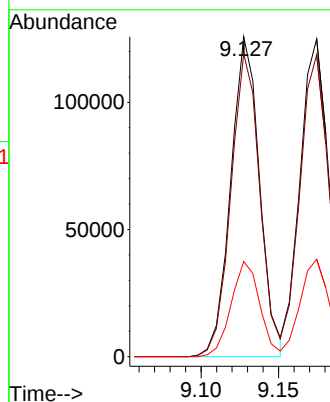
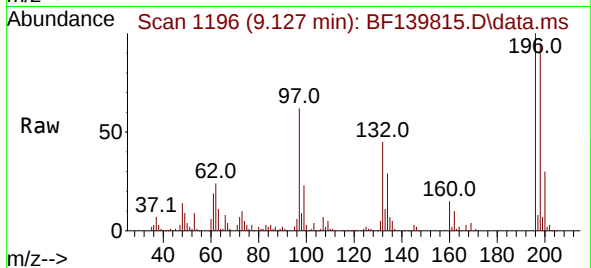
Tgt Ion:196 Resp: 162563

Ion Ratio Lower Upper

196 100

198 94.7 75.6 113.4

200 29.7 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 36.587 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Tgt Ion:196 Resp: 165548

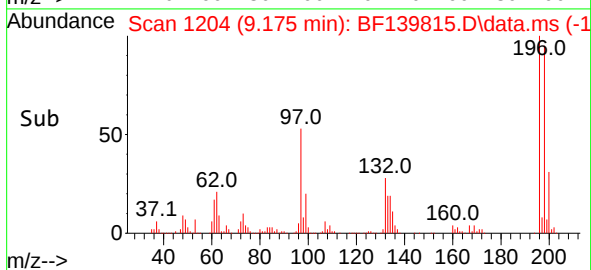
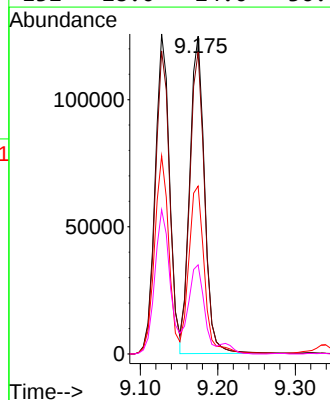
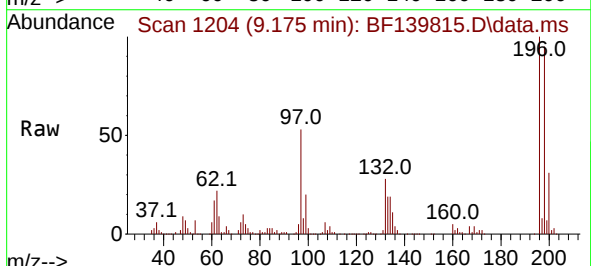
Ion Ratio Lower Upper

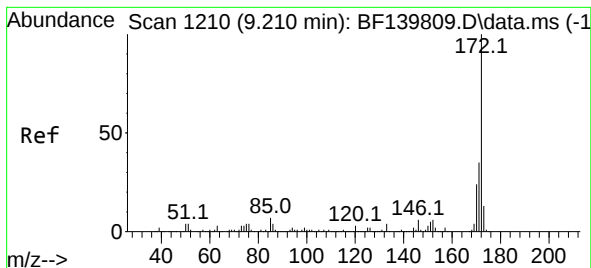
196 100

198 95.0 76.2 114.4

97 52.8 44.6 67.0

132 28.0 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 72.864 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

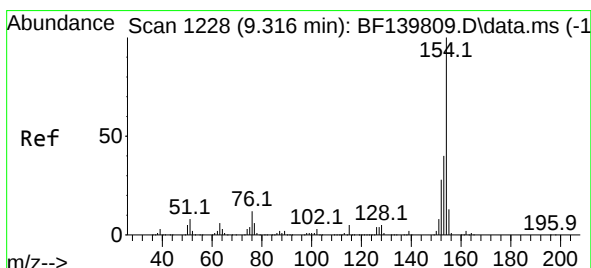
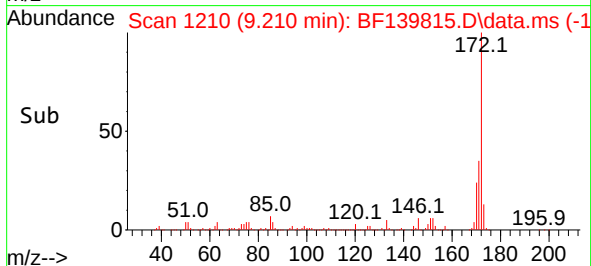
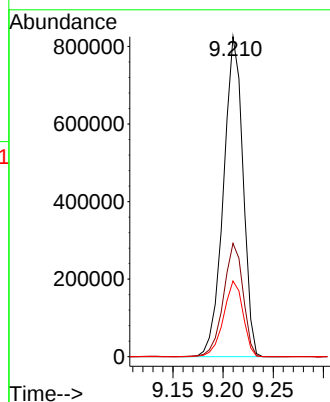
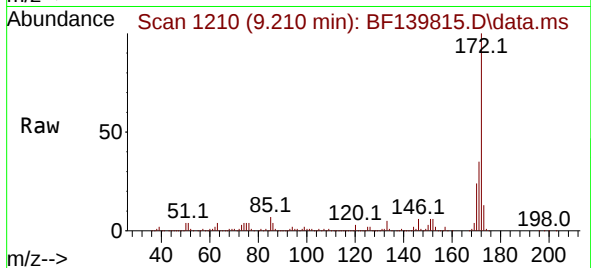
Tgt Ion:172 Resp: 1114100

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 37.021 ng

RT: 9.310 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

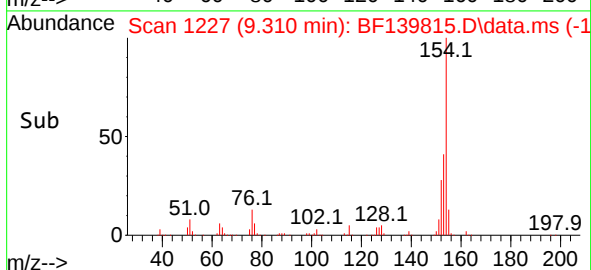
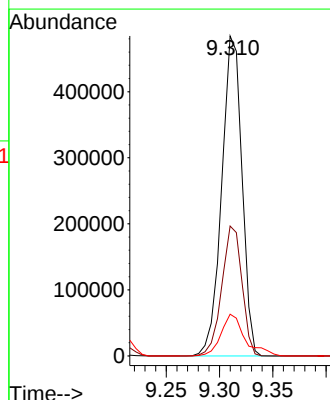
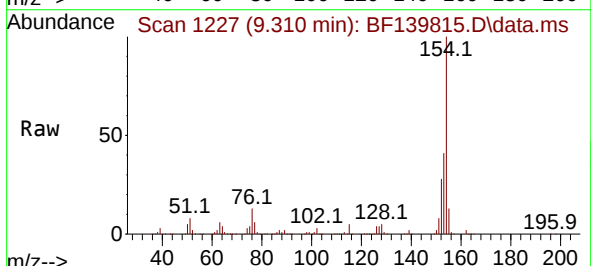
Tgt Ion:154 Resp: 640130

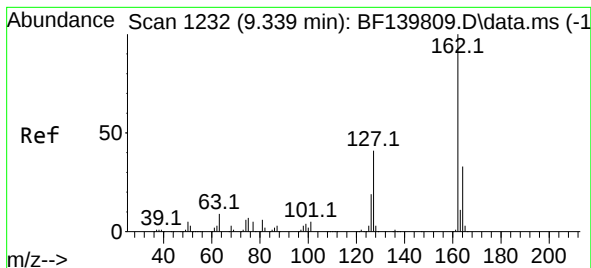
Ion Ratio Lower Upper

154 100

153 40.6 20.2 60.2

76 13.1 0.0 32.4





#47

2-Chloronaphthalene

Concen: 36.058 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

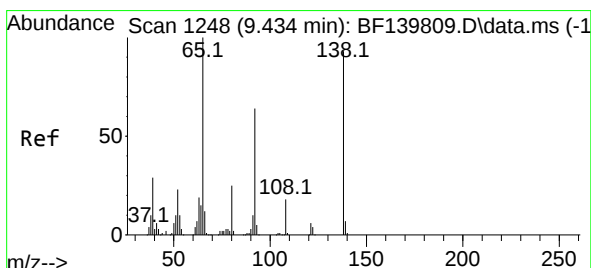
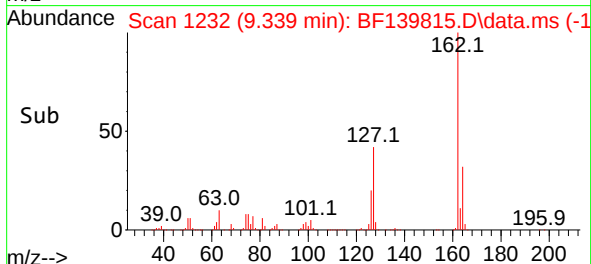
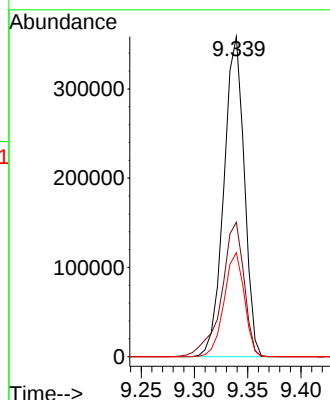
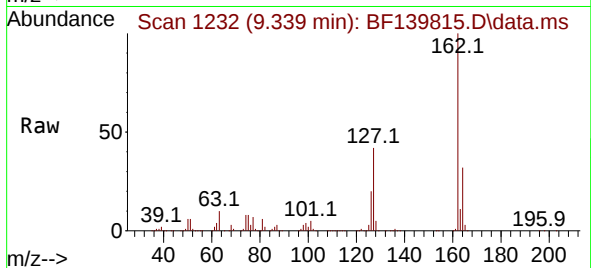
Tgt Ion:162 Resp: 476369

Ion Ratio Lower Upper

162 100

127 42.0 33.2 49.8

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 39.562 ng

RT: 9.433 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

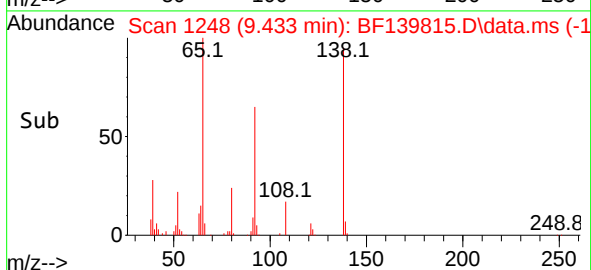
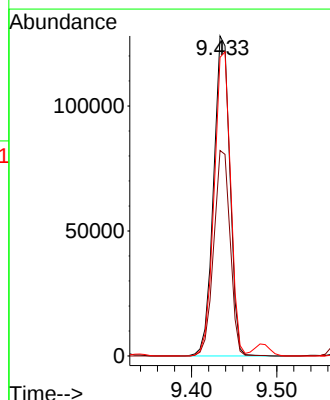
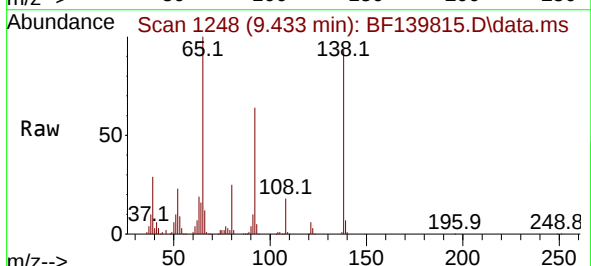
Tgt Ion: 65 Resp: 170638

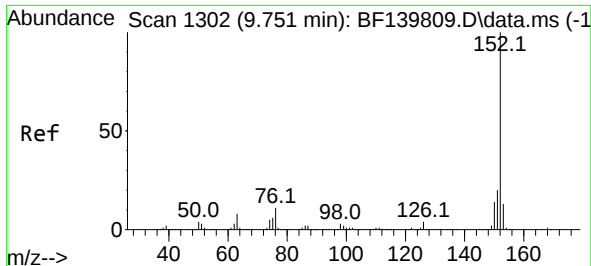
Ion Ratio Lower Upper

65 100

92 64.2 51.1 76.7

138 93.3 74.1 111.1





#49

Acenaphthylene

Concen: 40.469 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139815.D

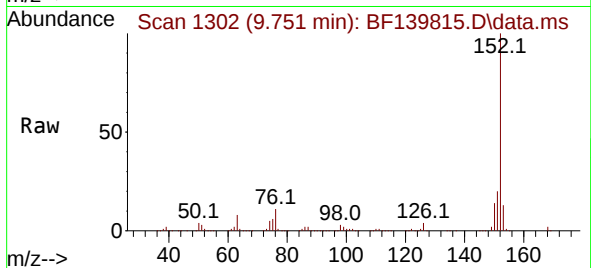
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

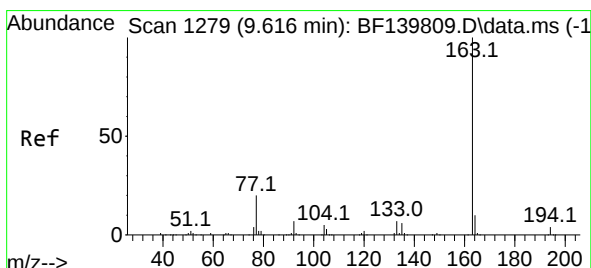
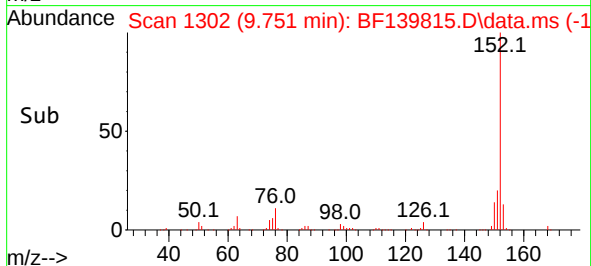
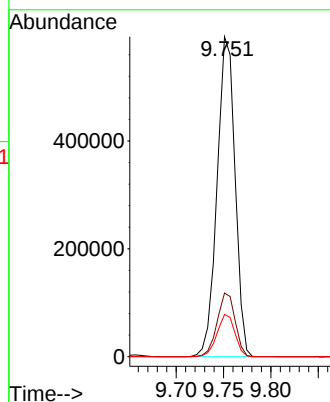
ClientSampleId :

PB164157BS



Tgt Ion:152 Resp: 785202

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.2	10.4	15.6



#50

Dimethylphthalate

Concen: 39.833 ng

RT: 9.616 min Scan# 1279

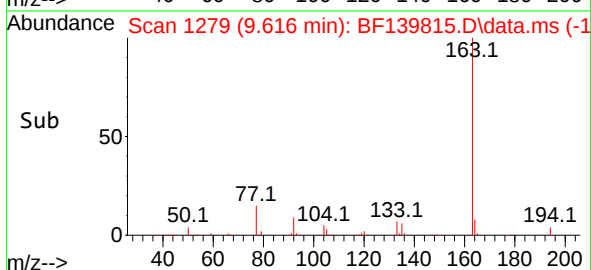
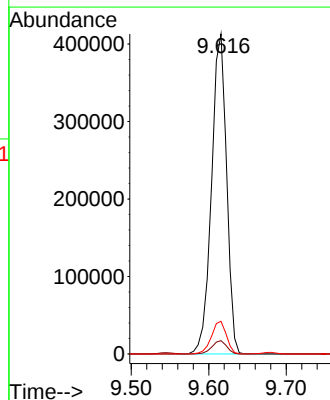
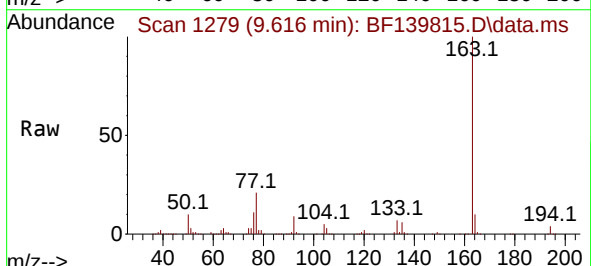
Delta R.T. -0.000 min

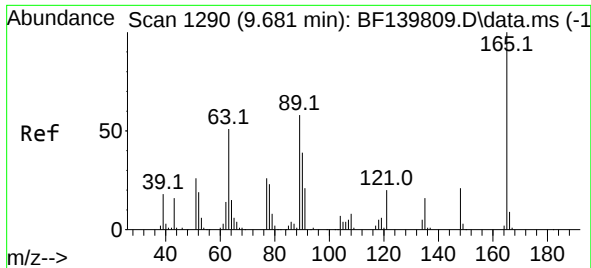
Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Tgt Ion:163 Resp: 557601

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.2	8.1	12.1

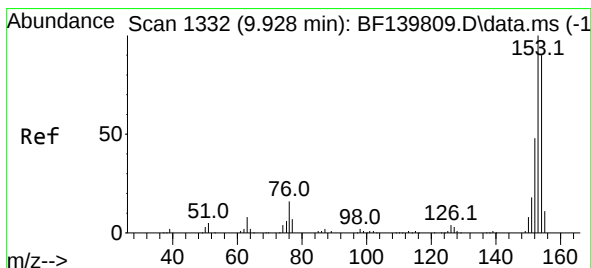
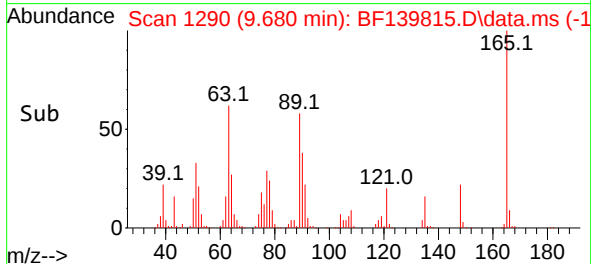
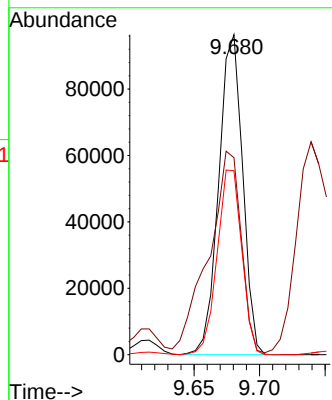
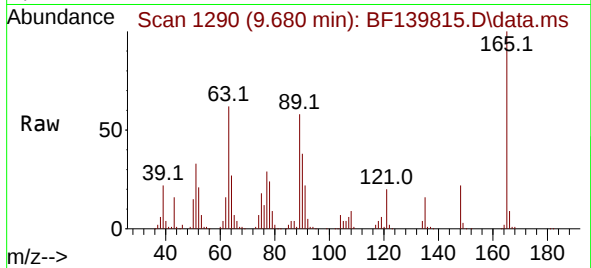




#51
2,6-Dinitrotoluene
Concen: 38.235 ng
RT: 9.680 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

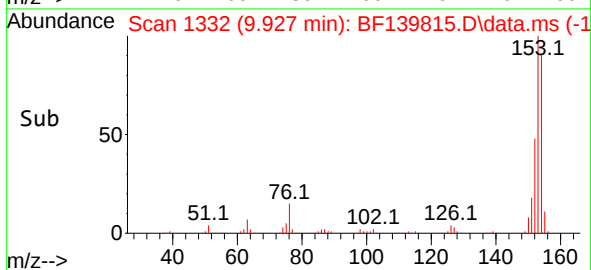
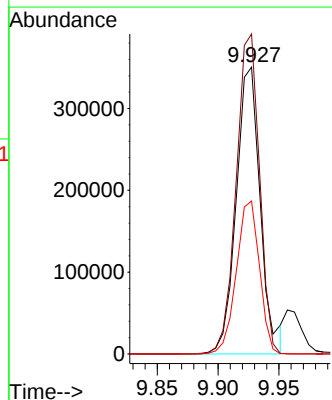
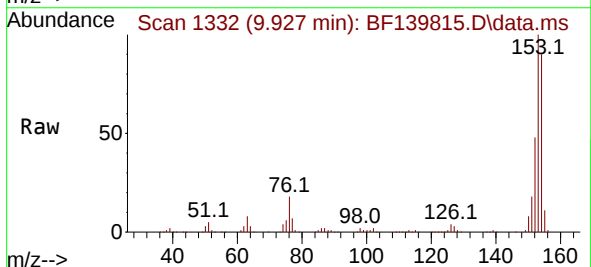
Instrument :
BNA_F
ClientSampleId :
PB164157BS

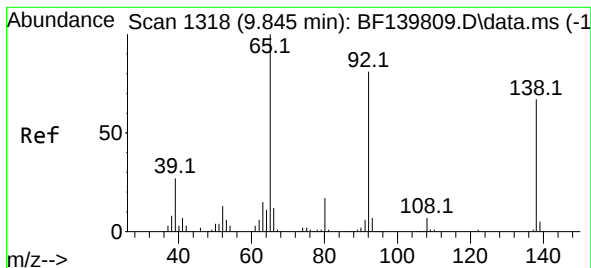
Tgt Ion:165 Resp: 122123
Ion Ratio Lower Upper
165 100
63 61.6 50.0 75.0
89 57.5 46.8 70.2



#52
Acenaphthene
Concen: 39.298 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:154 Resp: 483021
Ion Ratio Lower Upper
154 100
153 111.6 88.8 133.2
152 53.3 42.3 63.5





#53

3-Nitroaniline

Concen: 26.204 ng

RT: 9.845 min Scan# 1318

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

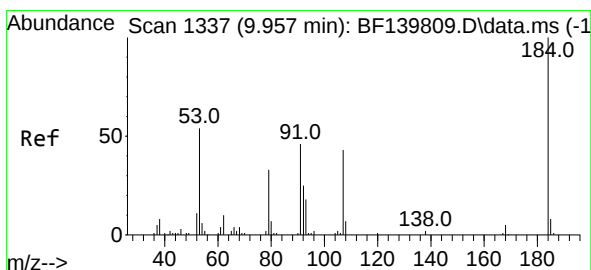
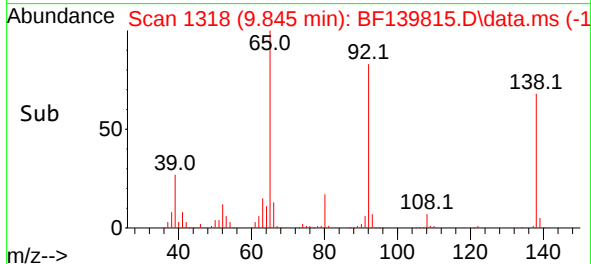
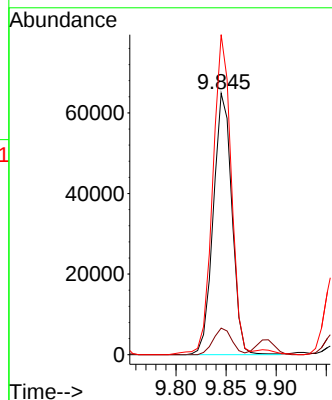
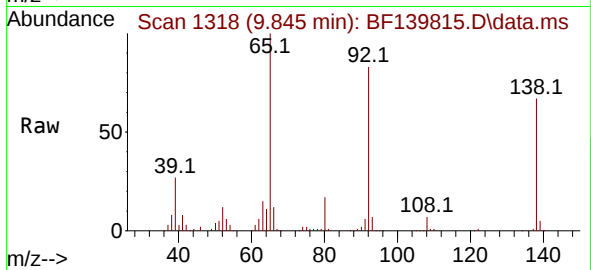
Tgt Ion:138 Resp: 83445

Ion Ratio Lower Upper

138 100

108 10.2 9.0 13.4

92 122.5 97.5 146.3



#54

2,4-Dinitrophenol

Concen: 91.089 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

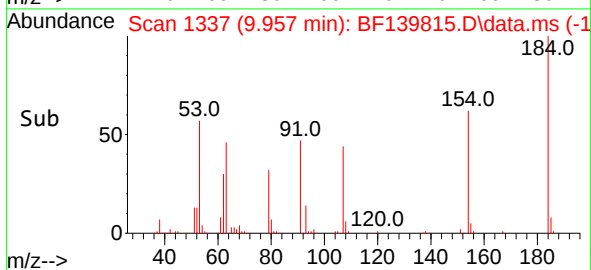
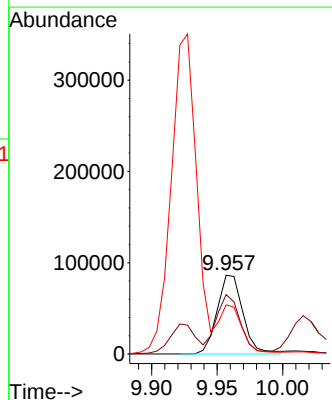
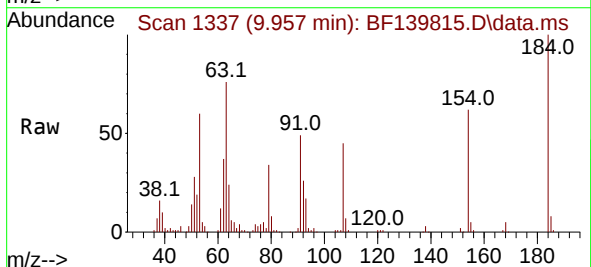
Tgt Ion:184 Resp: 118233

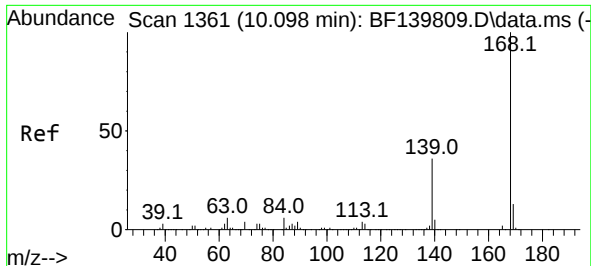
Ion Ratio Lower Upper

184 100

63 75.5 58.2 87.4

154 62.4 49.3 73.9

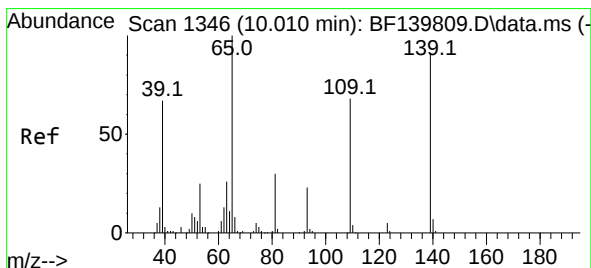
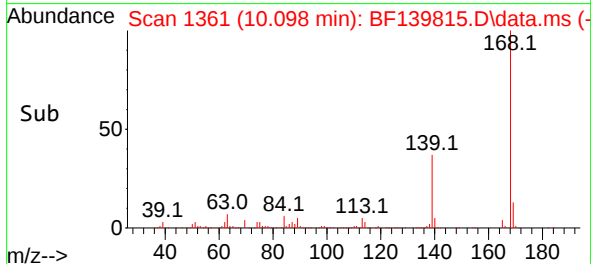
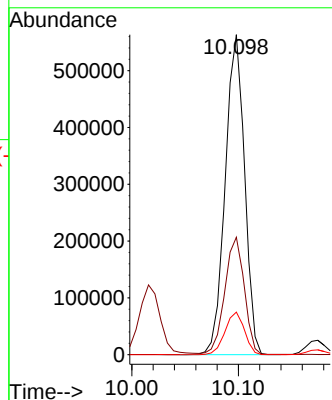
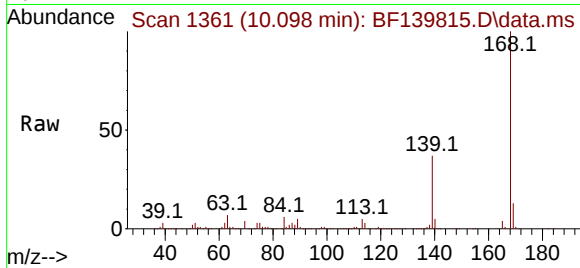




#55
Dibenzofuran
Concen: 38.531 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

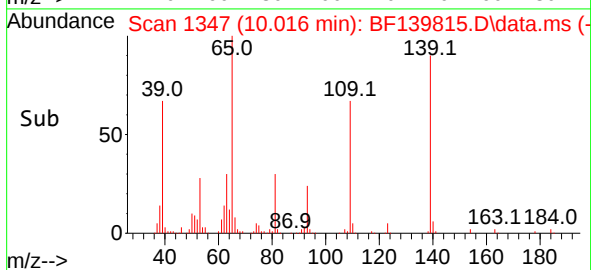
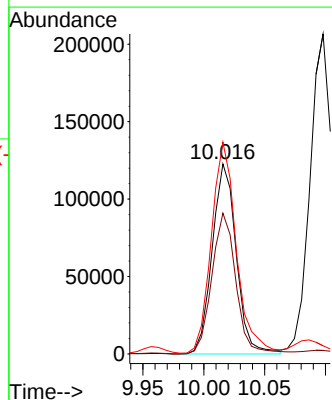
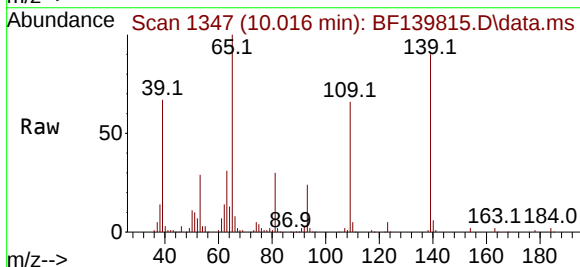
Instrument :
BNA_F
ClientSampleId :
PB164157BS

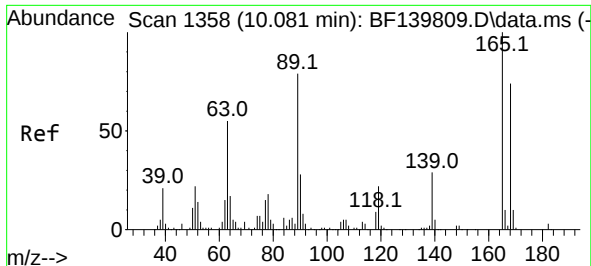
Tgt Ion:168 Resp: 710143
Ion Ratio Lower Upper
168 100
139 36.7 29.2 43.8
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 88.194 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:139 Resp: 169076
Ion Ratio Lower Upper
139 100
109 74.1 54.1 94.1
65 111.4 90.5 130.5

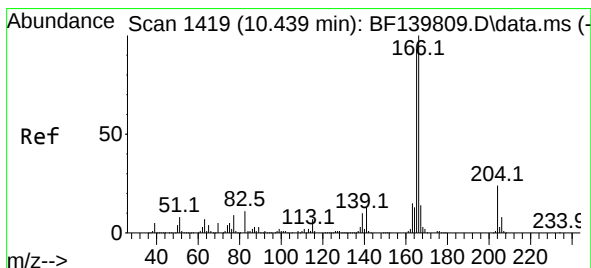
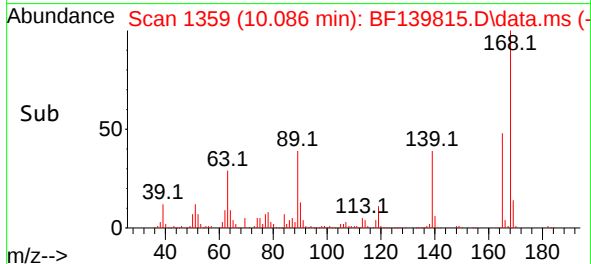
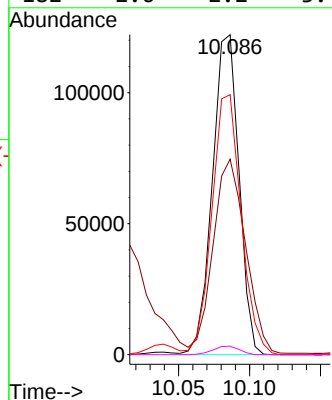
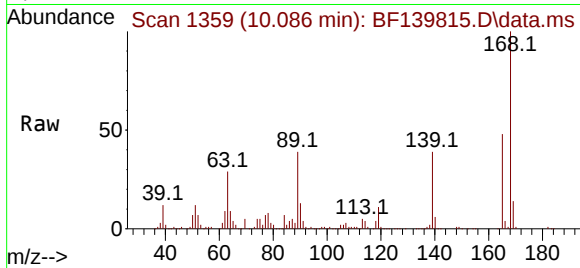




#57
2,4-Dinitrotoluene
Concen: 40.242 ng
RT: 10.086 min Scan# 1358
Delta R.T. 0.005 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

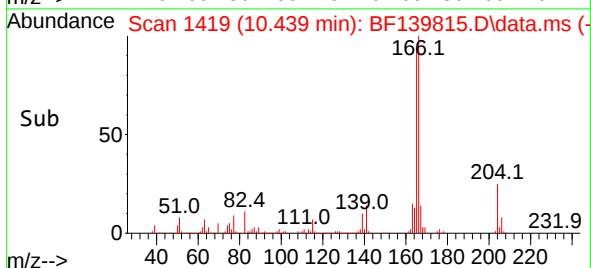
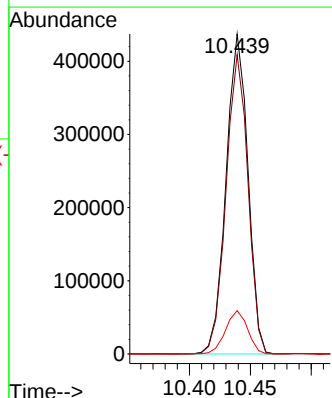
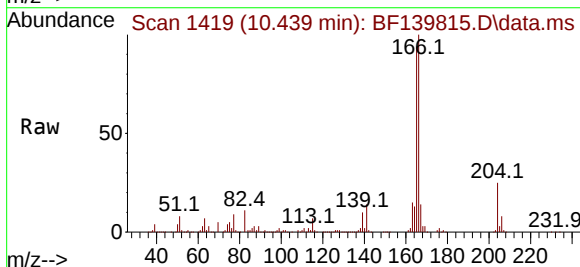
Instrument :
BNA_F
ClientSampleId :
PB164157BS

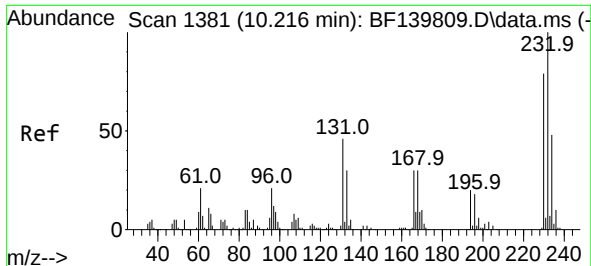
Tgt Ion:165 Resp: 158684
Ion Ratio Lower Upper
165 100
63 61.1 44.7 67.1
89 81.2 63.1 94.7
182 2.6 2.2 3.4



#58
Fluorene
Concen: 38.136 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:166 Resp: 547024
Ion Ratio Lower Upper
166 100
165 93.6 74.5 111.7
167 13.5 10.8 16.2



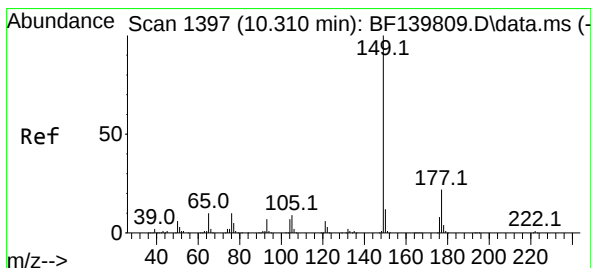
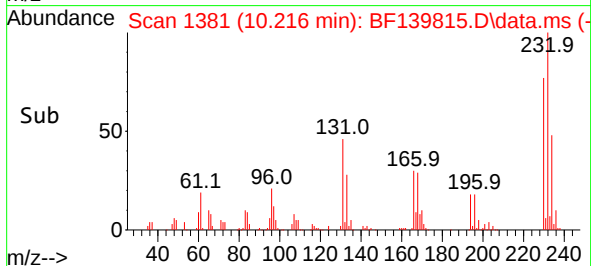
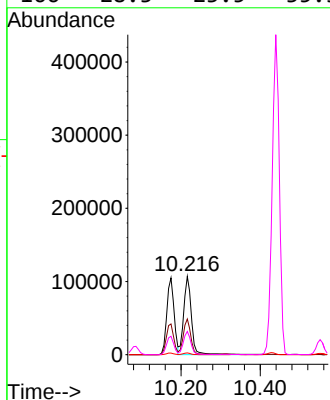
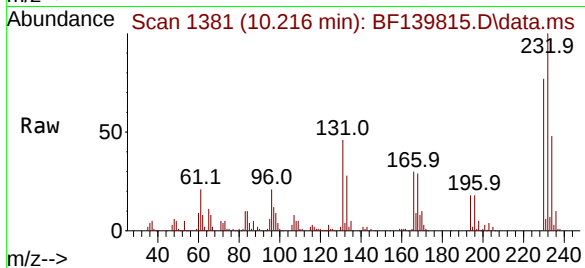


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.492 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :
BNA_F
ClientSampleId :
PB164157BS

Tgt Ion:232 Resp: 142972

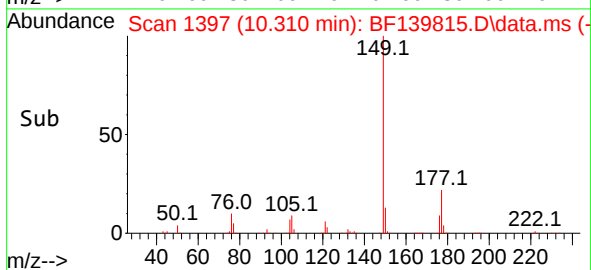
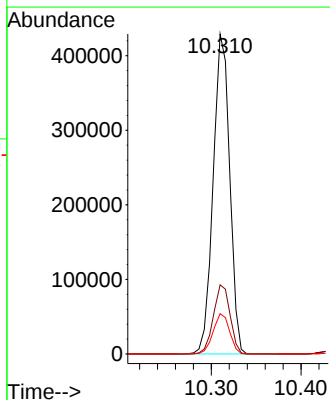
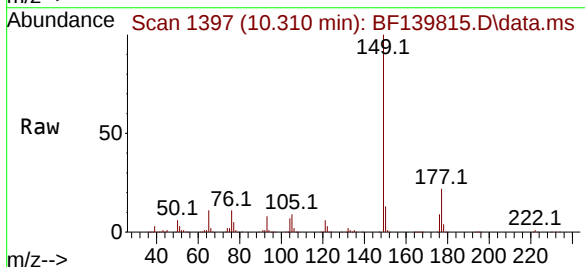
Ion	Ratio	Lower	Upper
232	100		
131	44.3	36.1	54.1
130	2.1	1.8	2.6
166	28.3	23.5	35.3

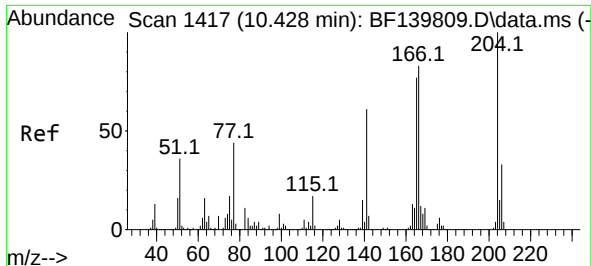


#60
Diethylphthalate
Concen: 40.253 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:149 Resp: 548205

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.6	26.4
150	12.6	9.8	14.8

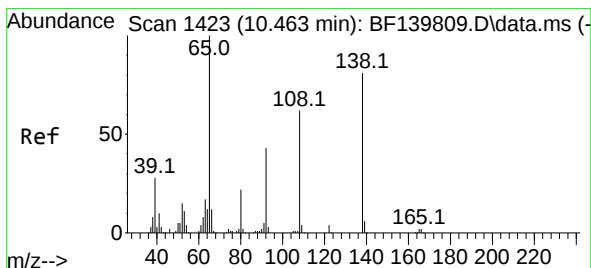
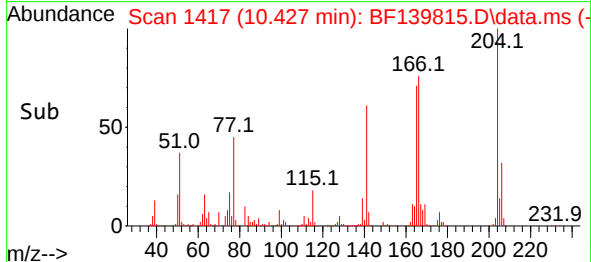
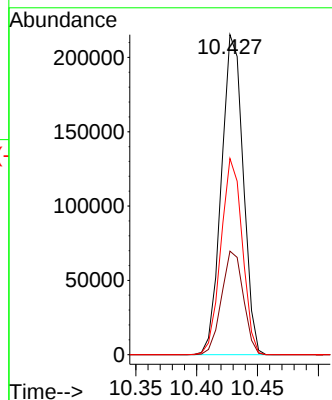
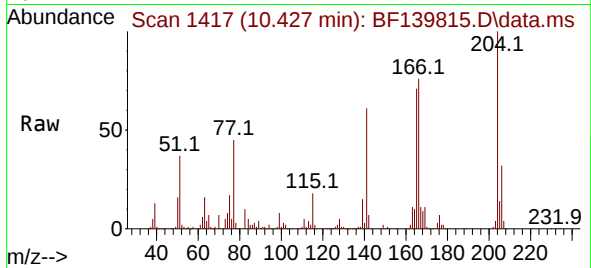




#61
4-Chlorophenyl-phenylether
Concen: 37.809 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.001 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

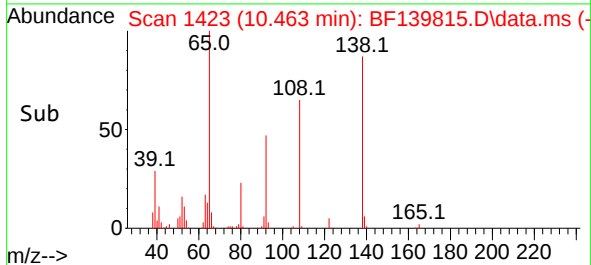
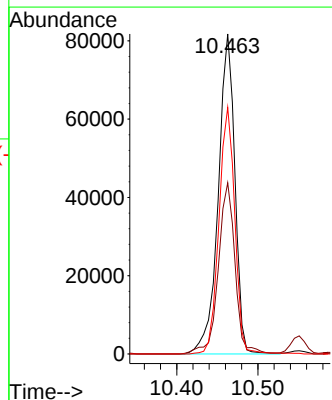
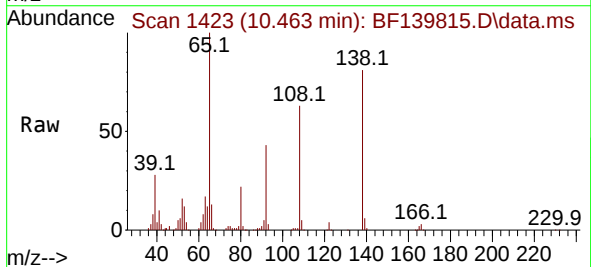
Instrument :
BNA_F
ClientSampleId :
PB164157BS

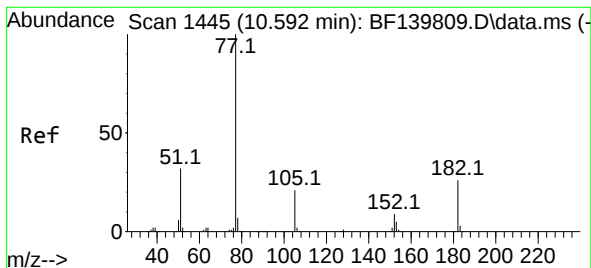
Tgt Ion:204 Resp: 267981
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 61.3 49.0 73.6



#62
4-Nitroaniline
Concen: 40.081 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:138 Resp: 116739
Ion Ratio Lower Upper
138 100
92 53.5 33.2 73.2
108 77.0 57.0 97.0





#63

Azobenzene

Concen: 40.229 ng

RT: 10.592 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

Tgt Ion: 77 Resp: 571173

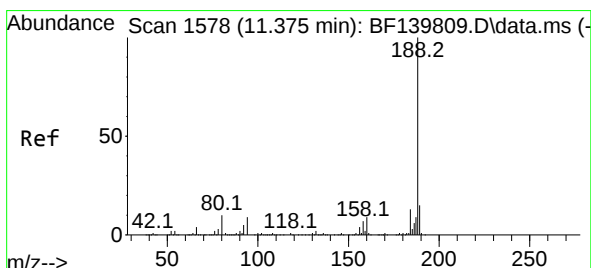
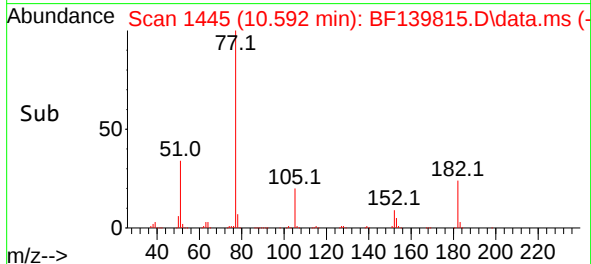
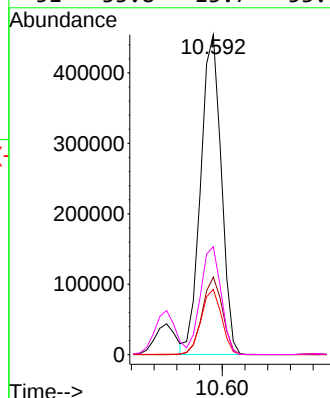
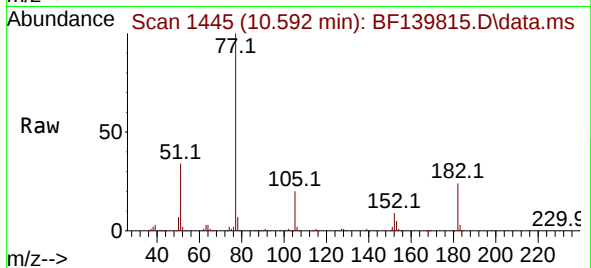
Ion Ratio Lower Upper

77 100

182 24.2 5.4 45.4

105 20.4 0.4 40.4

51 33.8 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

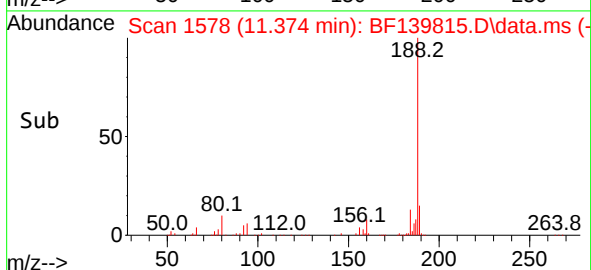
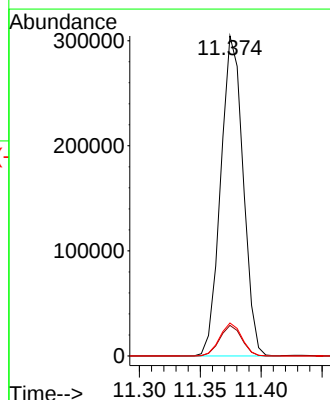
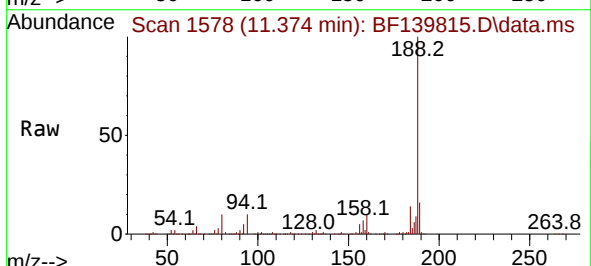
Tgt Ion: 188 Resp: 390235

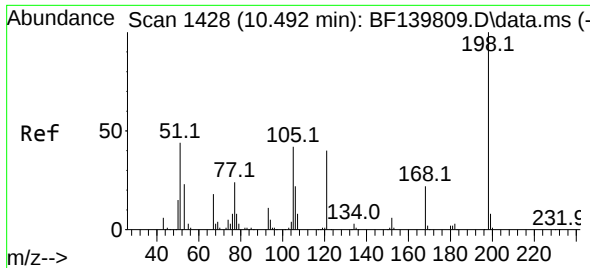
Ion Ratio Lower Upper

188 100

94 9.5 7.3 10.9

80 10.3 7.8 11.8

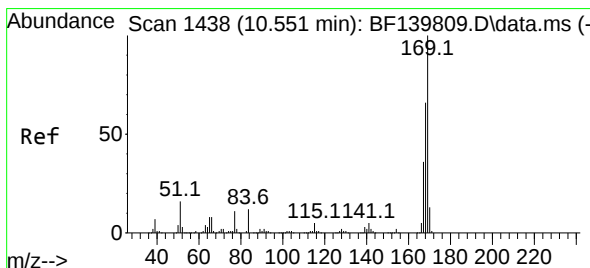
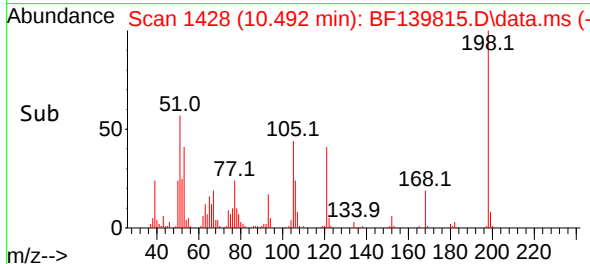
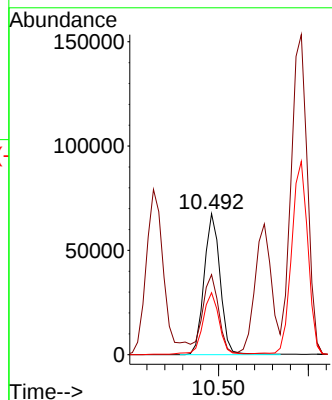
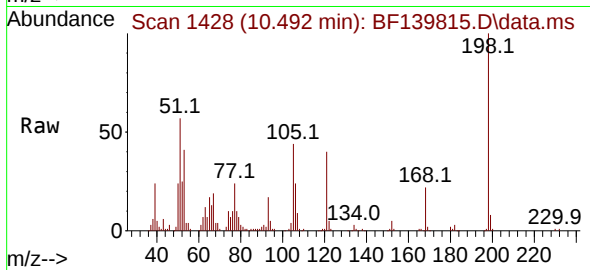




#65
4,6-Dinitro-2-methylphenol
Concen: 40.911 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

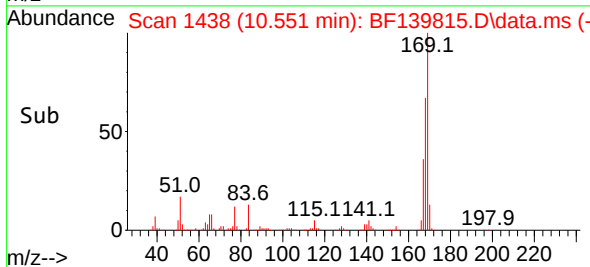
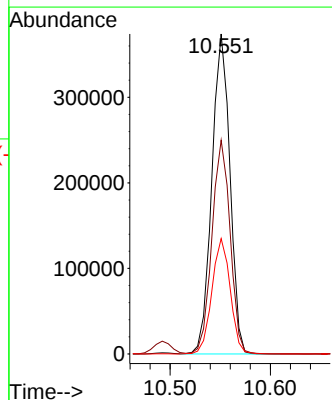
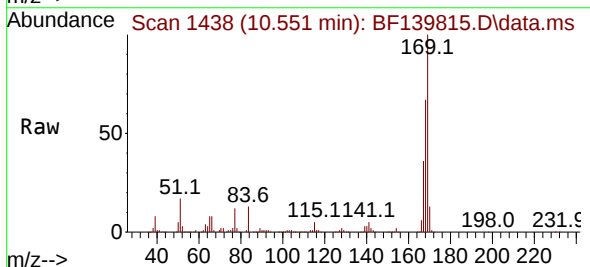
Instrument :
BNA_F
ClientSampleId :
PB164157BS

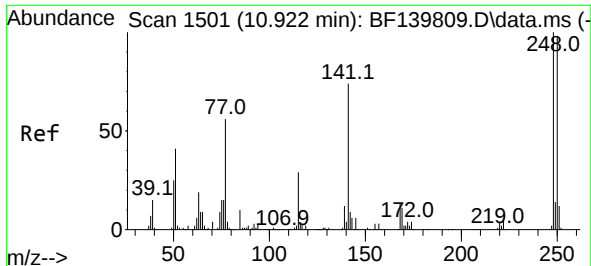
Tgt Ion:198 Resp: 83758
Ion Ratio Lower Upper
198 100
51 56.8 34.3 74.3
105 44.0 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 37.960 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:169 Resp: 468566
Ion Ratio Lower Upper
169 100
168 66.8 52.8 79.2
167 36.0 28.8 43.2

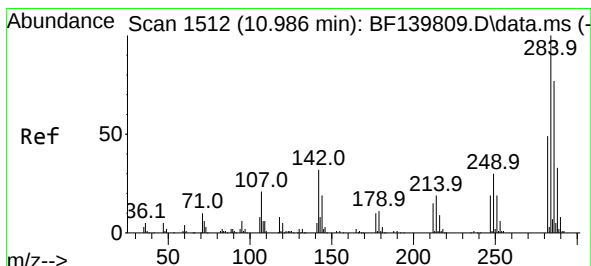
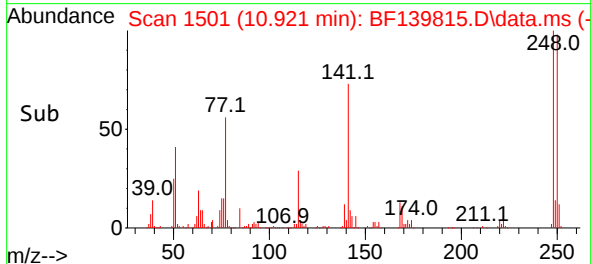
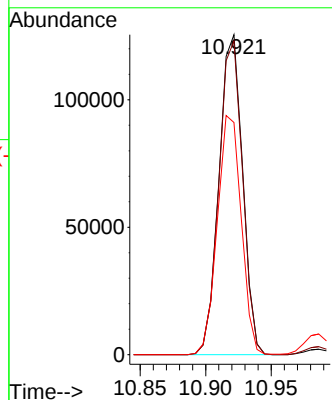
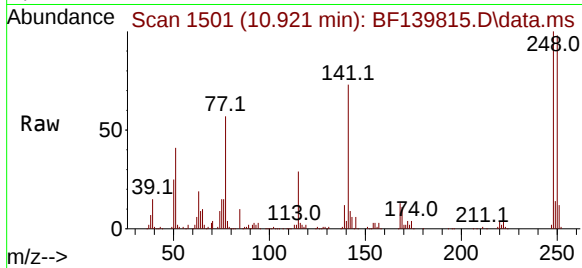




#67
4-Bromophenyl-phenylether
Concen: 37.381 ng
RT: 10.921 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

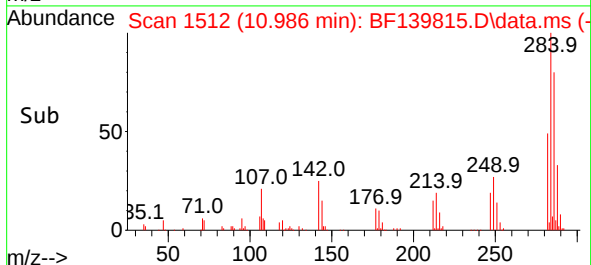
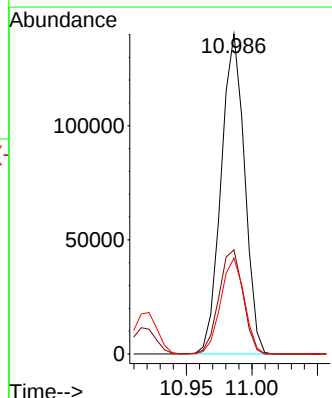
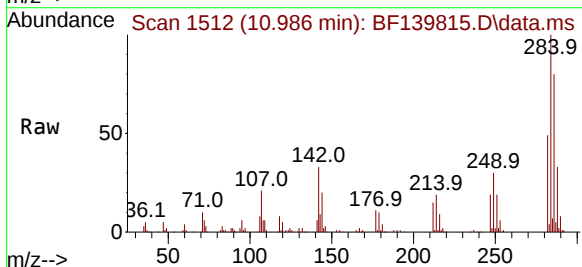
Instrument :
BNA_F
ClientSampleId :
PB164157BS

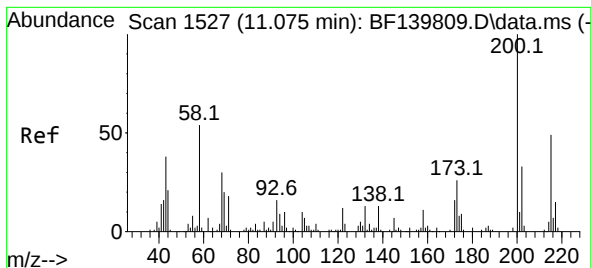
Tgt Ion:248 Resp: 157159
Ion Ratio Lower Upper
248 100
250 98.1 78.7 118.1
141 72.5 58.9 88.3



#68
Hexachlorobenzene
Concen: 37.031 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:284 Resp: 174159
Ion Ratio Lower Upper
284 100
142 32.5 25.2 37.8
249 29.9 23.8 35.8





#69

Atrazine

Concen: 60.201 ng

RT: 11.074 min Scan# 1

Delta R.T. -0.001 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

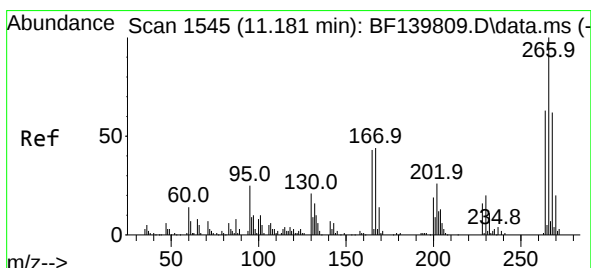
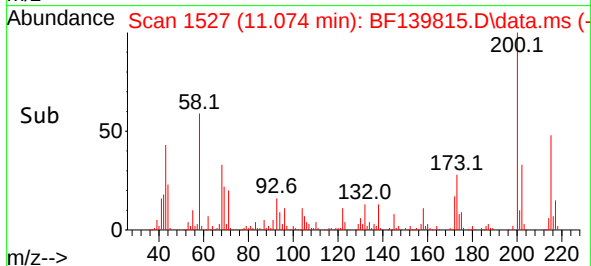
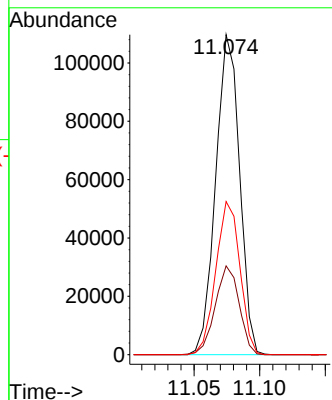
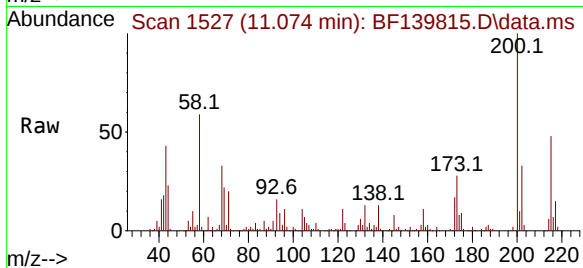
Tgt Ion:200 Resp: 138727

Ion Ratio Lower Upper

200 100

173 27.7 6.5 46.5

215 47.8 29.2 69.2



#70

Pentachlorophenol

Concen: 80.713 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.006 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

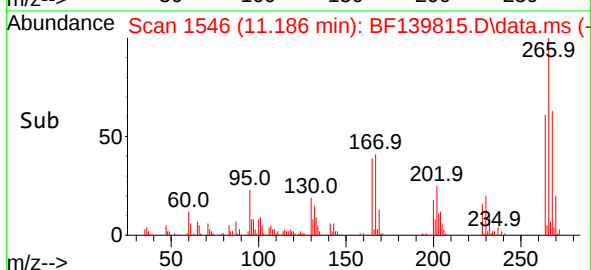
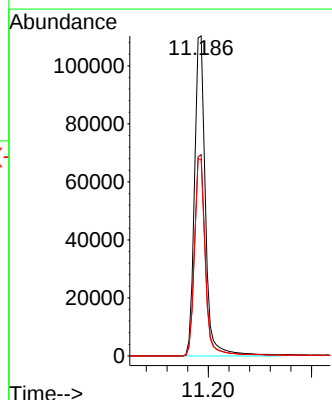
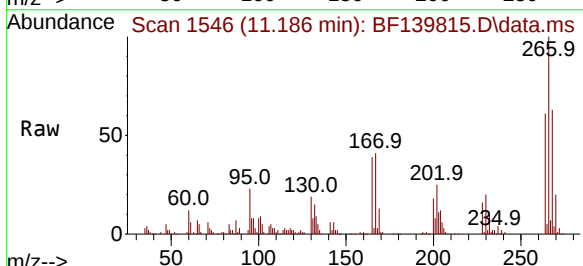
Tgt Ion:266 Resp: 162338

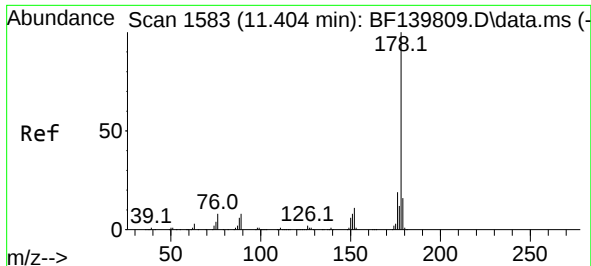
Ion Ratio Lower Upper

266 100

268 62.9 49.8 74.8

264 61.3 50.5 75.7

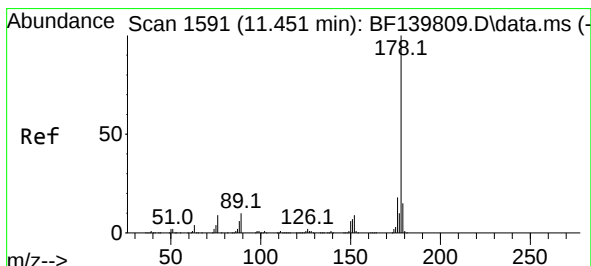
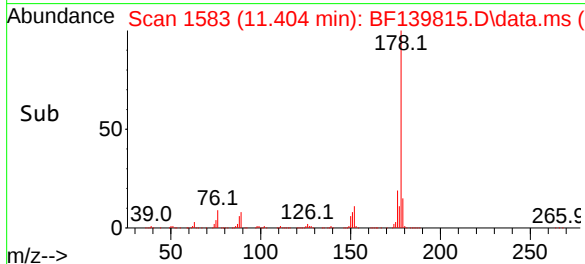
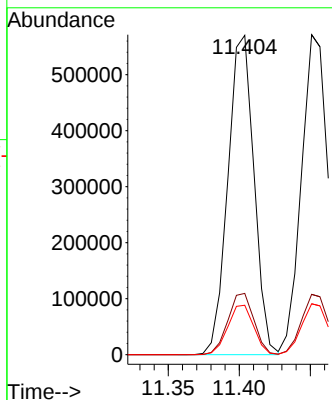
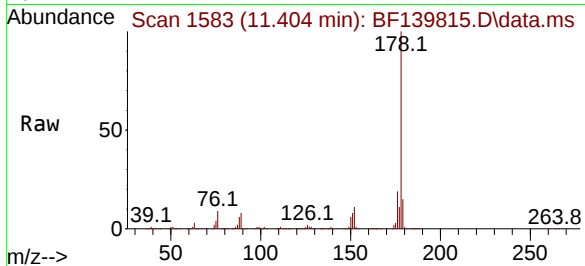




#71
Phenanthrene
Concen: 39.114 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

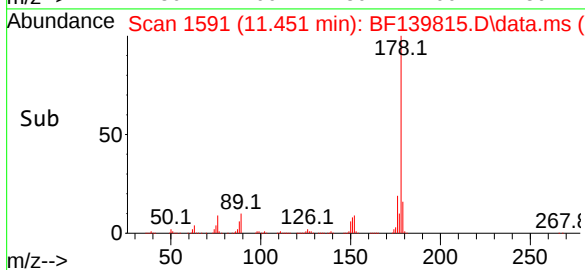
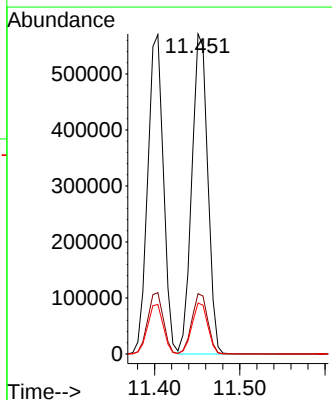
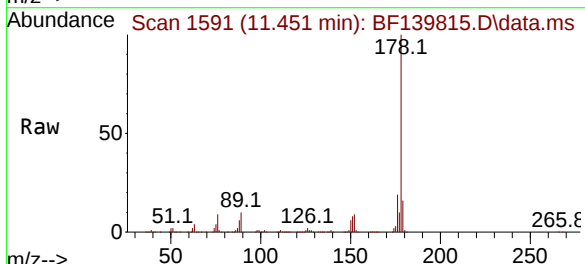
Instrument :
BNA_F
ClientSampleId :
PB164157BS

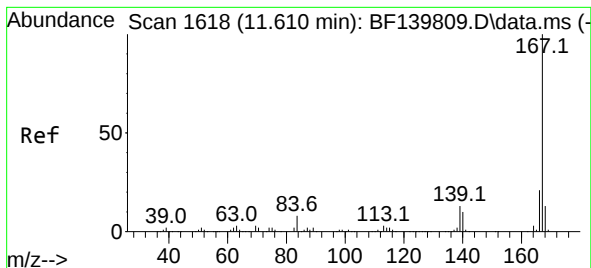
Tgt Ion:178 Resp: 729100
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 40.388 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:178 Resp: 739749
Ion Ratio Lower Upper
178 100
176 18.9 14.6 21.8
179 15.9 12.4 18.6





#73

Carbazole

Concen: 38.327 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BF139815.D

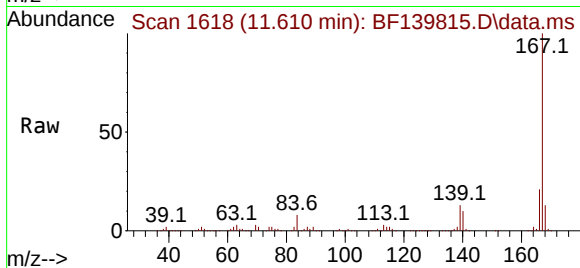
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS



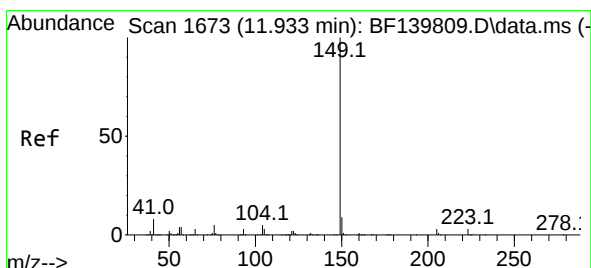
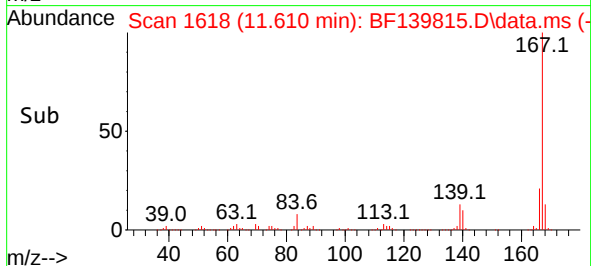
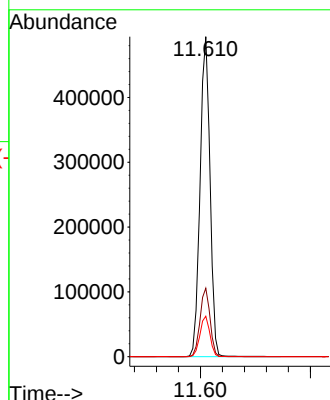
Tgt Ion:167 Resp: 621097

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

139 12.7 10.1 15.1



#74

Di-n-butylphthalate

Concen: 41.491 ng

RT: 11.933 min Scan# 1673

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

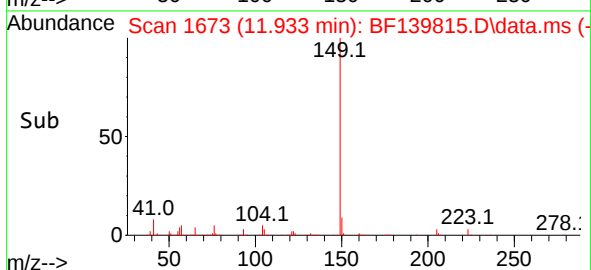
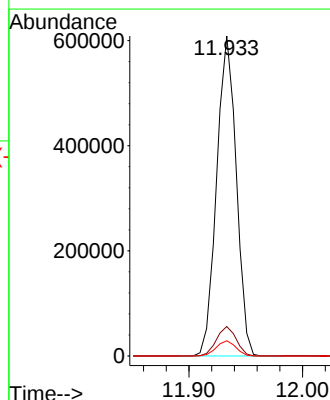
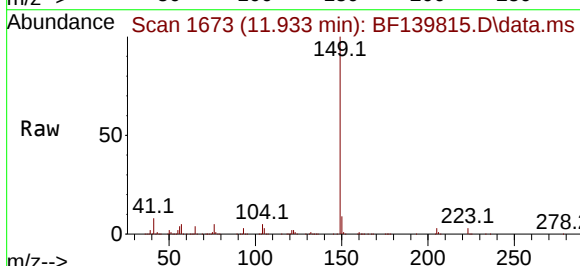
Tgt Ion:149 Resp: 730597

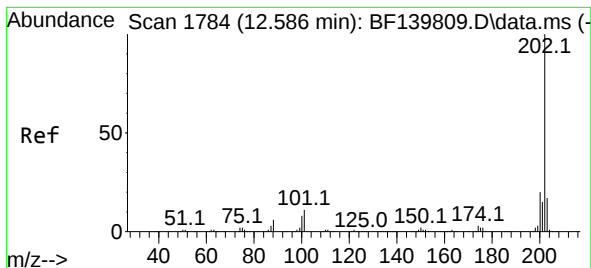
Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 37.199 ng

RT: 12.586 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

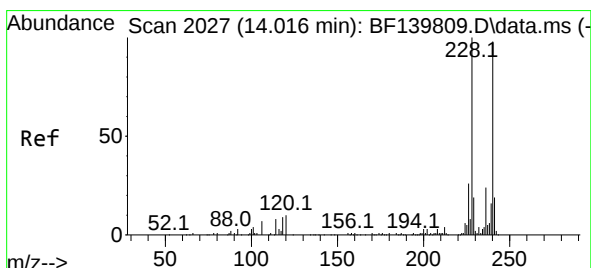
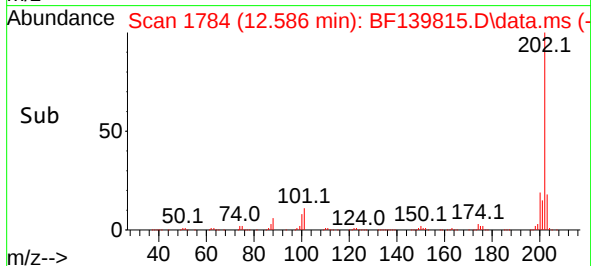
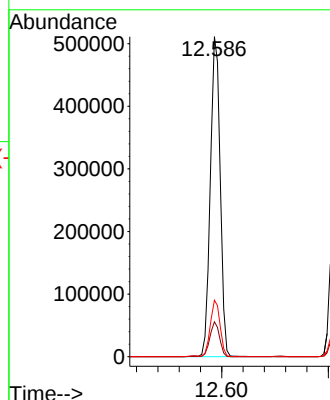
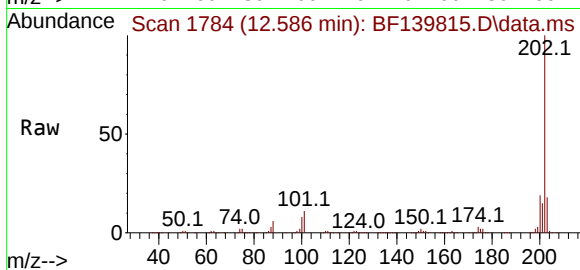
Tgt Ion:202 Resp: 654227

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.8

203 17.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.001 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

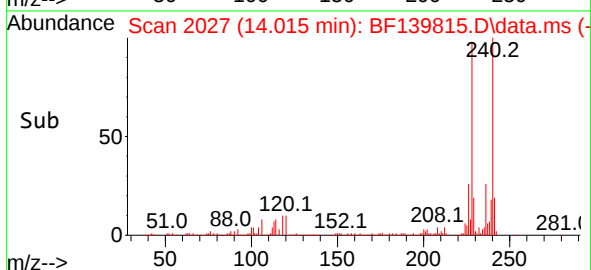
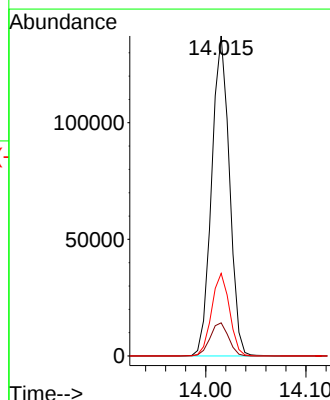
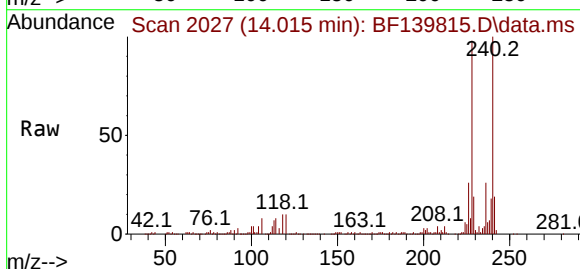
Tgt Ion:240 Resp: 169025

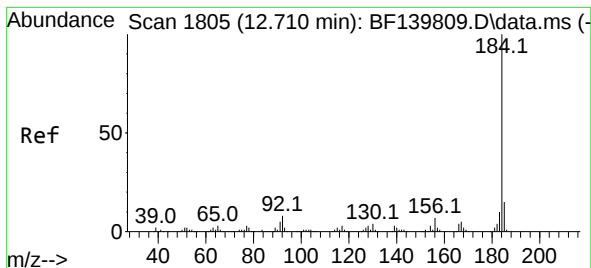
Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 25.8 20.0 30.0





#77

Benzidine

Concen: 55.465 ng

RT: 12.710 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

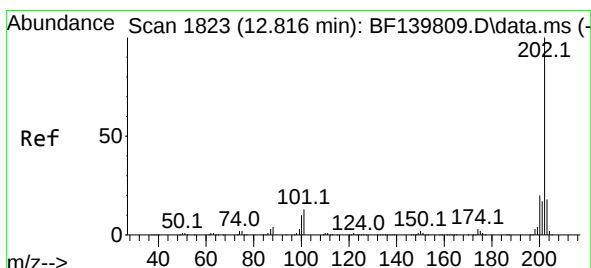
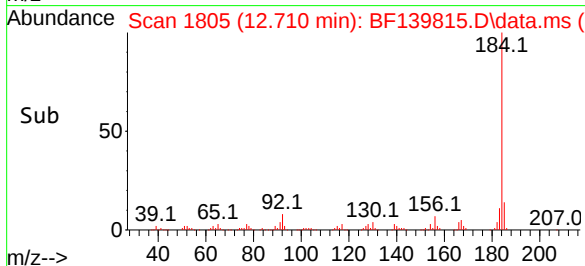
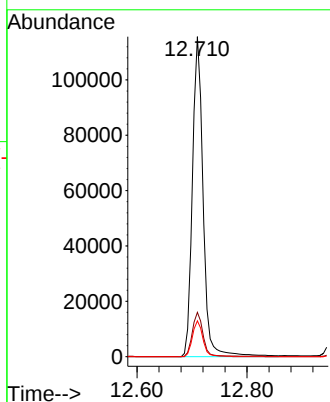
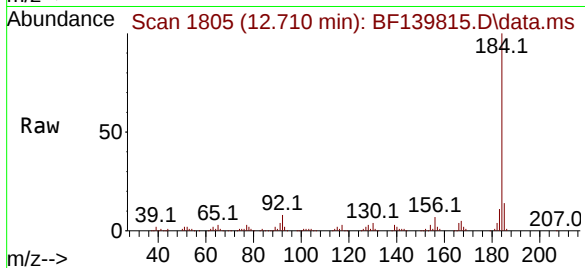
Tgt Ion:184 Resp: 156606

Ion Ratio Lower Upper

184 100

185 13.9 11.9 17.9

183 11.2 8.4 12.6



#78

Pyrene

Concen: 39.099 ng

RT: 12.815 min Scan# 1823

Delta R.T. -0.001 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

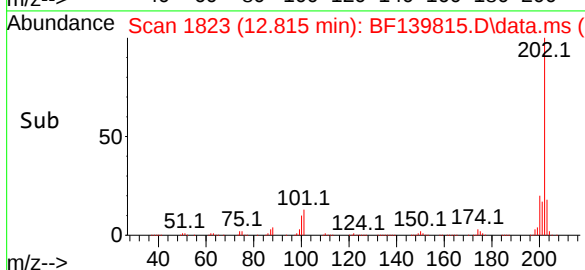
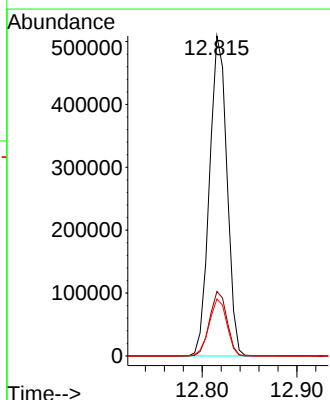
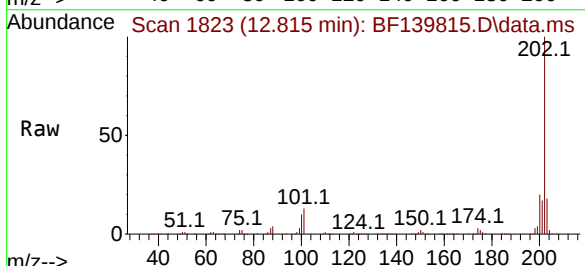
Tgt Ion:202 Resp: 649667

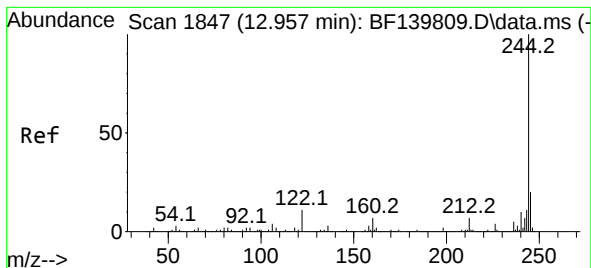
Ion Ratio Lower Upper

202 100

200 20.2 15.9 23.9

203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 104.967 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

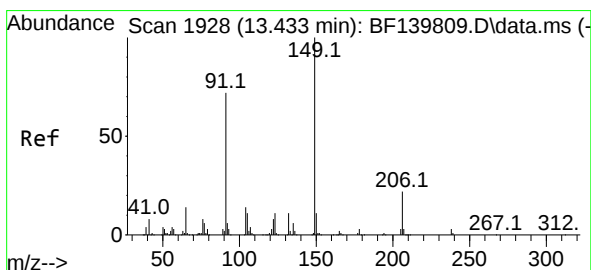
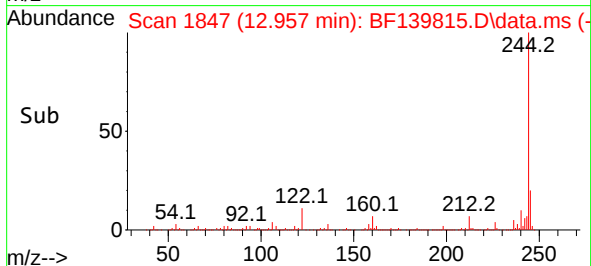
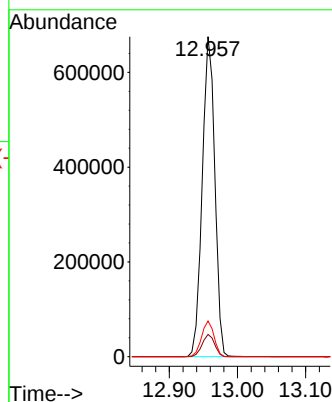
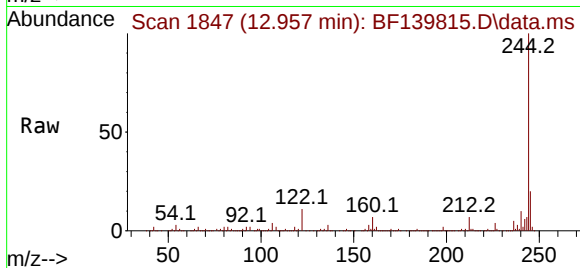
Tgt Ion:244 Resp: 866374

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.2 8.9 13.3



#80

Butylbenzylphthalate

Concen: 42.185 ng

RT: 13.433 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

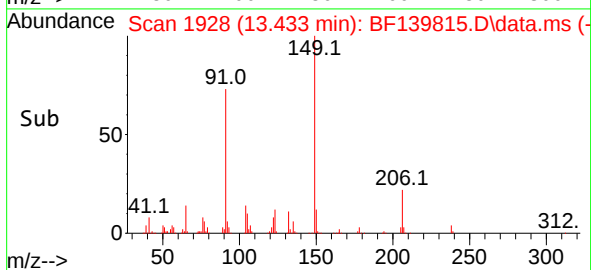
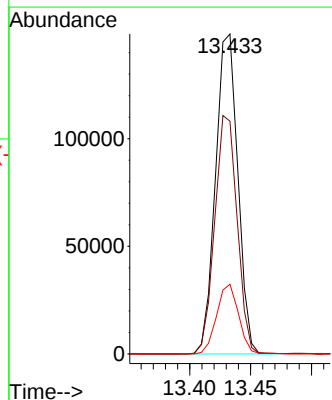
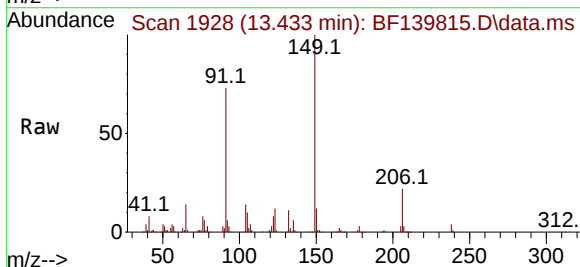
Tgt Ion:149 Resp: 190026

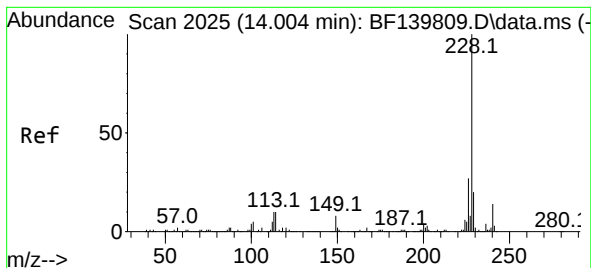
Ion Ratio Lower Upper

149 100

91 72.8 57.8 86.8

206 21.8 17.4 26.2

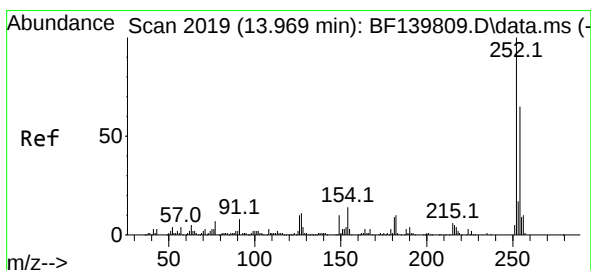
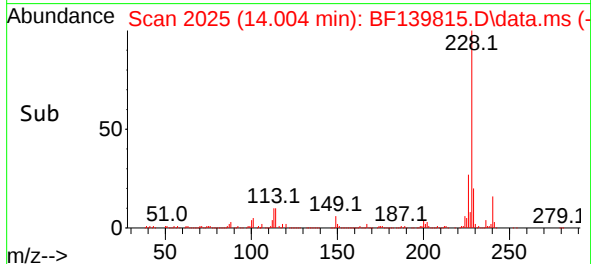
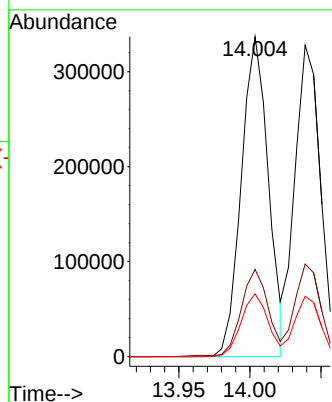
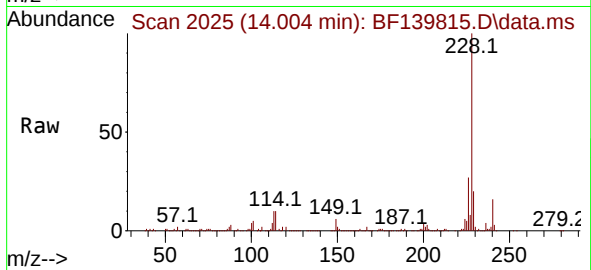




#81
Benzo(a)anthracene
Concen: 39.779 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

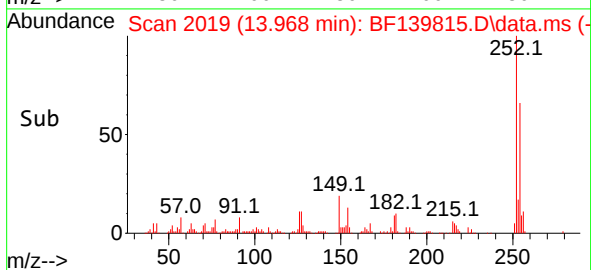
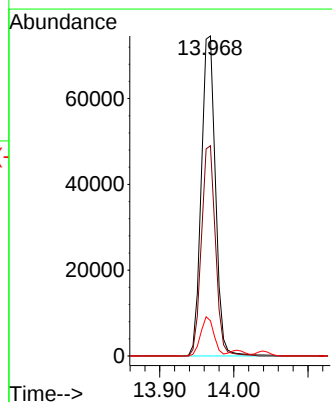
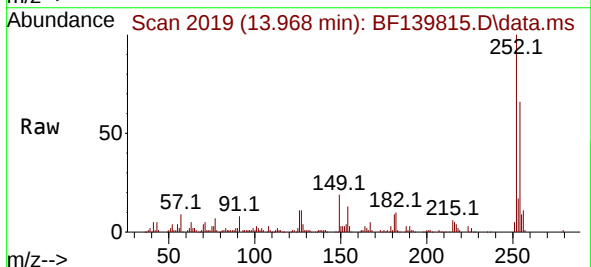
Instrument :
BNA_F
ClientSampleId :
PB164157BS

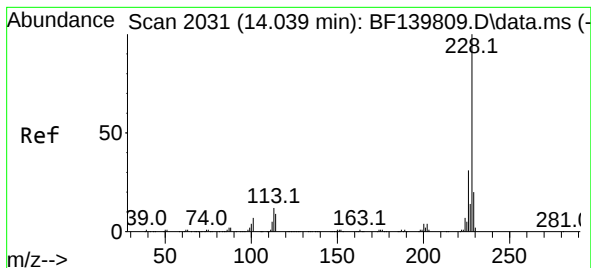
Tgt Ion:228 Resp: 446599
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 26.395 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:252 Resp: 98739
Ion Ratio Lower Upper
252 100
254 65.7 51.7 77.5
126 11.0 8.2 12.2





#83

Chrysene

Concen: 40.166 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

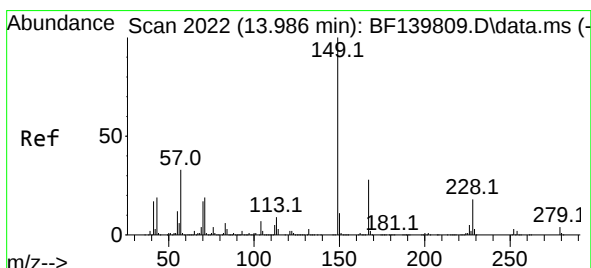
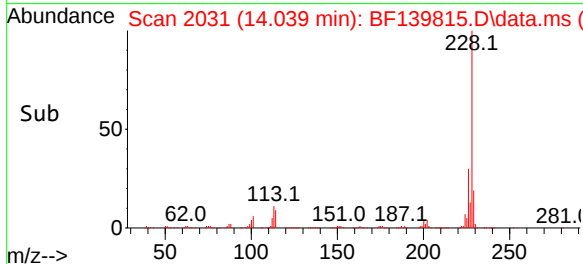
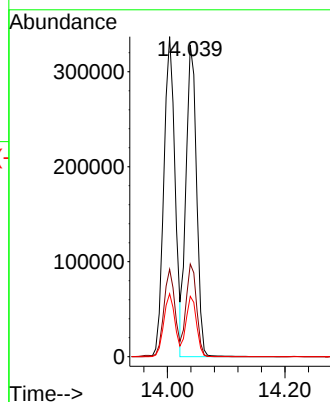
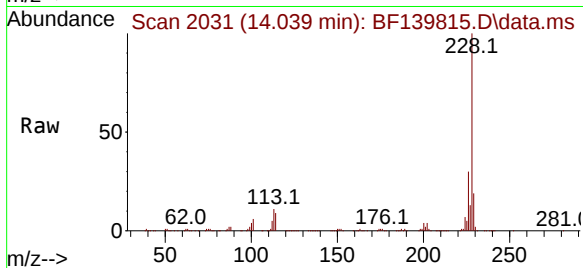
Tgt Ion:228 Resp: 411021

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.983 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

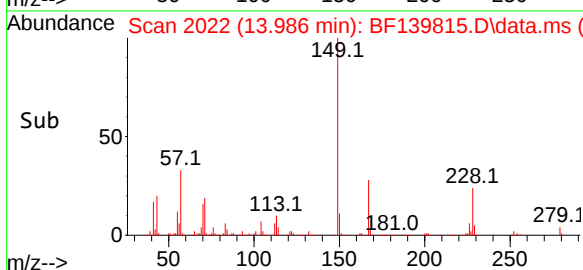
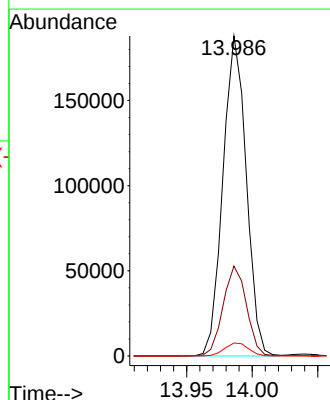
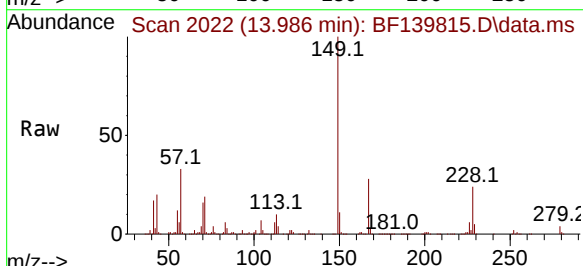
Tgt Ion:149 Resp: 232320

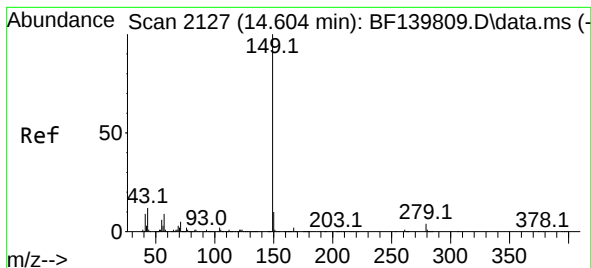
Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 39.893 ng

RT: 14.598 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

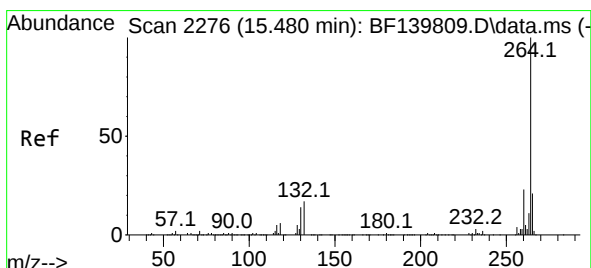
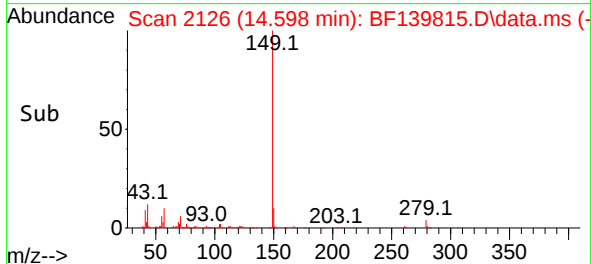
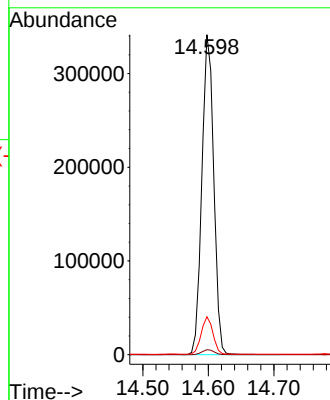
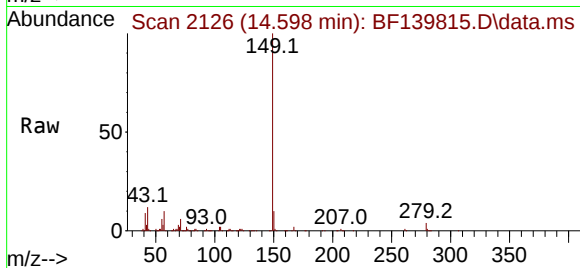
Tgt Ion:149 Resp: 431249

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.6 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

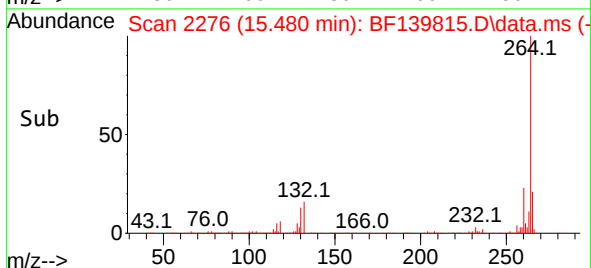
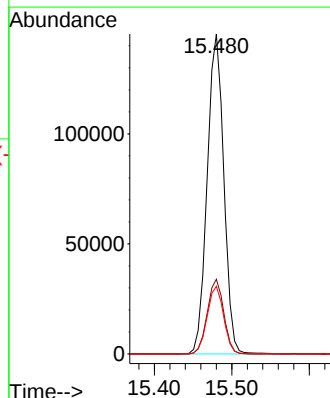
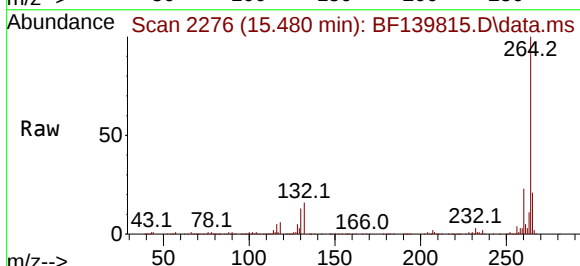
Tgt Ion:264 Resp: 216444

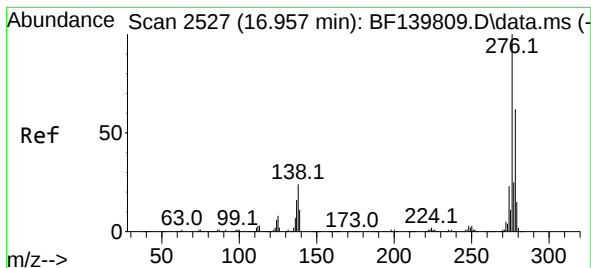
Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.518 ng

RT: 16.956 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

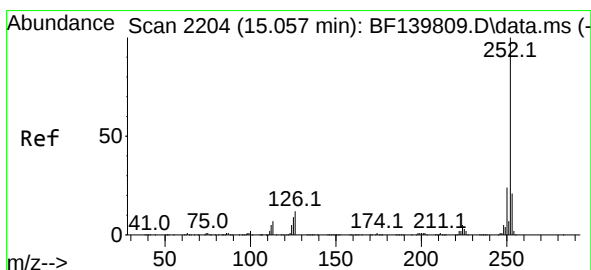
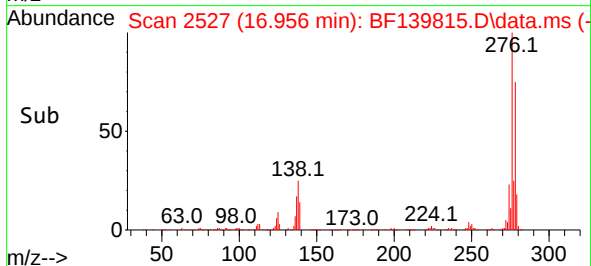
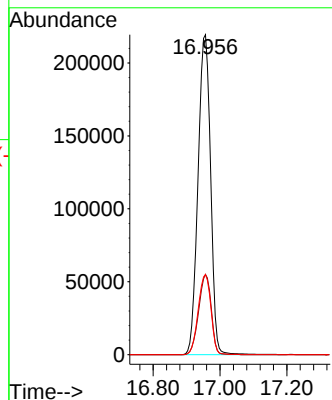
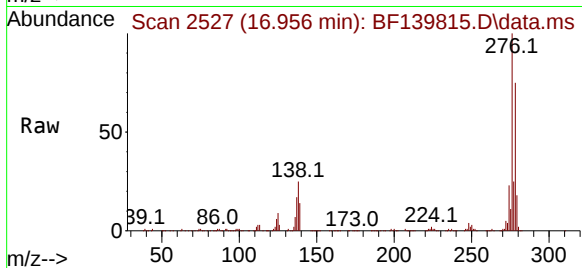
Tgt Ion:276 Resp: 572773

Ion Ratio Lower Upper

276 100

138 25.1 20.0 30.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 39.838 ng

RT: 15.051 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

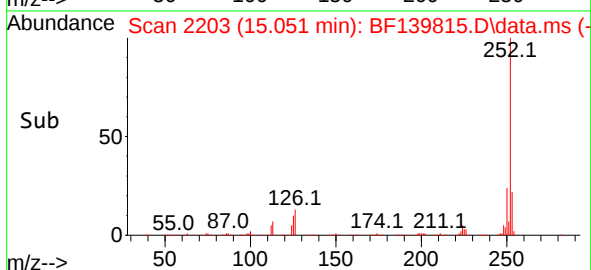
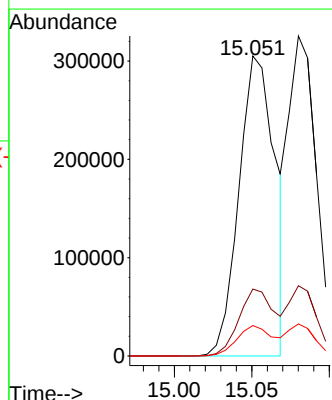
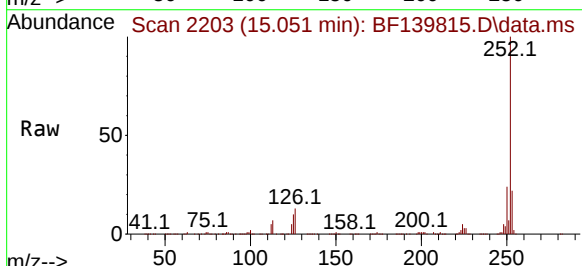
Tgt Ion:252 Resp: 494597

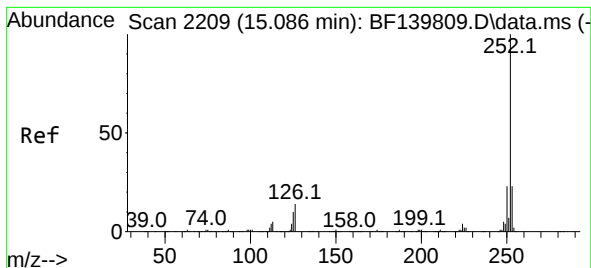
Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 10.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 37.042 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

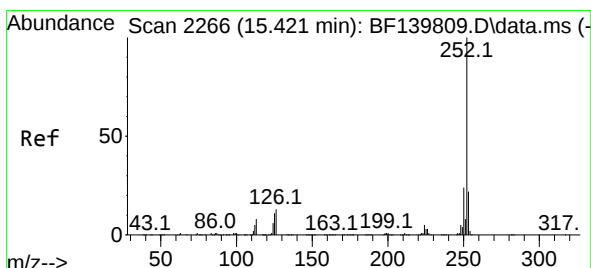
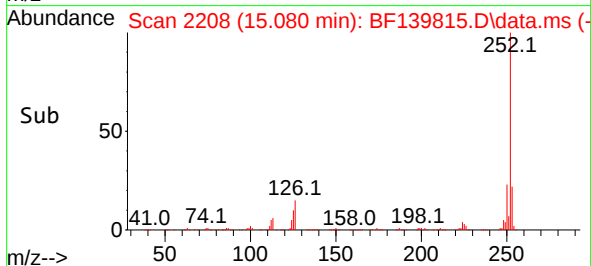
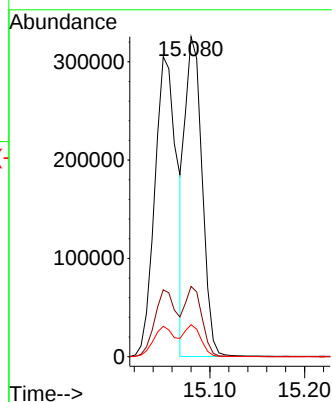
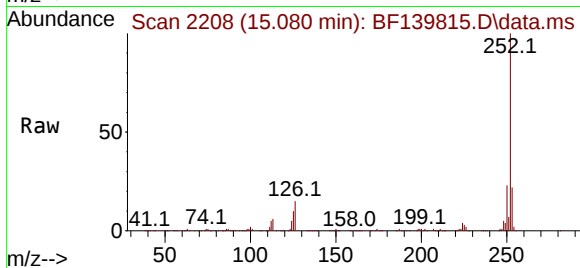
Tgt Ion:252 Resp: 408129

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.0 7.7 11.5



#90

Benzo(a)pyrene

Concen: 41.706 ng

RT: 15.421 min Scan# 2266

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

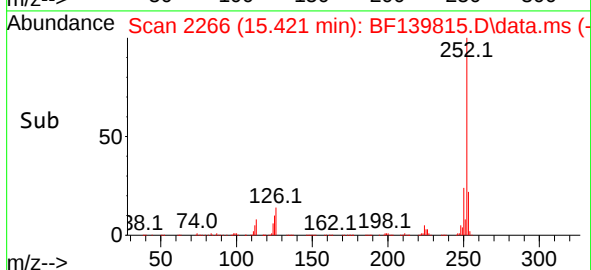
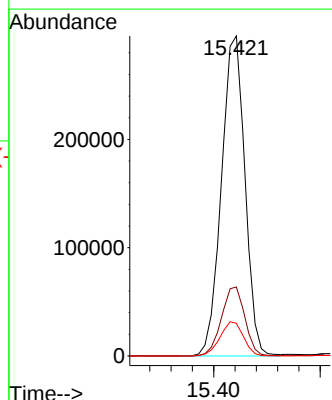
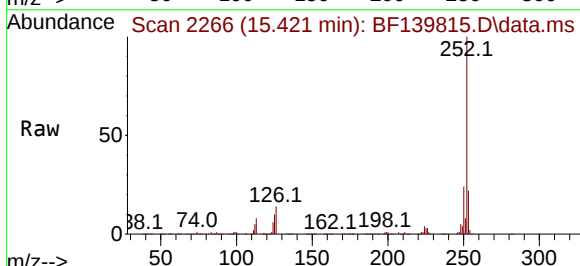
Tgt Ion:252 Resp: 452266

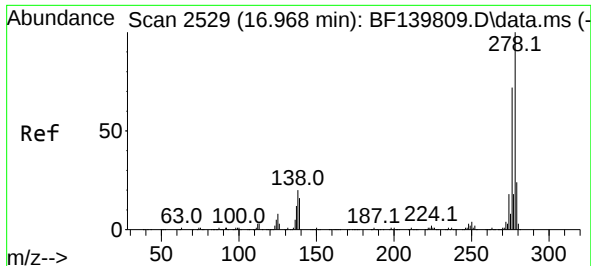
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.2 8.4 12.6

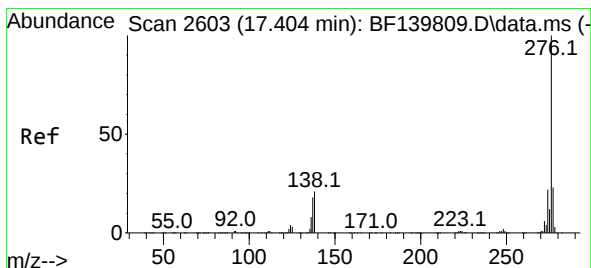
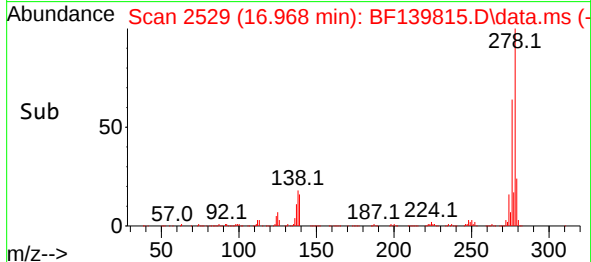
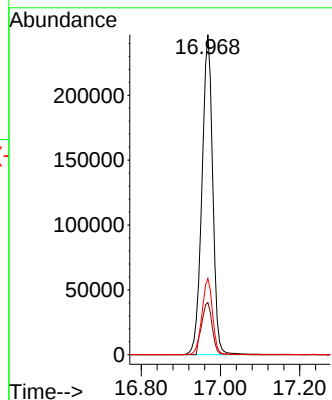
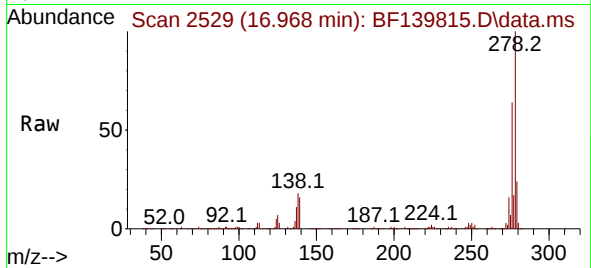




#91
Dibenzo(a,h)anthracene
Concen: 39.204 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :
BNA_F
ClientSampleId :
PB164157BS

Tgt Ion:278 Resp: 465968
Ion Ratio Lower Upper
278 100
139 16.3 13.0 19.4
279 23.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 35.001 ng
RT: 17.398 min Scan# 2602
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:276 Resp: 436333
Ion Ratio Lower Upper
276 100
277 23.1 18.2 27.4
138 22.0 17.0 25.4

