

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139686.D
 Acq On : 07 Oct 2024 15:04
 Operator : RC/JU
 Sample : PB163902BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163902BSD

Quant Time: Oct 07 15:26:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	92952	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	358469	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	207408	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	406759	20.000	ng	0.00
76) Chrysene-d12	14.039	240	246141	20.000	ng	0.00
86) Perylene-d12	15.504	264	185329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	545941	101.800	ng	0.01
7) Phenol-d6	6.504	99	732016	101.501	ng	0.00
23) Nitrobenzene-d5	7.434	82	680225	96.075	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	204454	102.115	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1258779	93.172	ng	0.00
79) Terphenyl-d14	12.980	244	1500451	100.023	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	105362	45.442	ng	99
3) Pyridine	3.481	79	276383	49.013	ng	100
4) n-Nitrosodimethylamine	3.451	42	188596	51.095	ng	95
6) Aniline	6.534	93	348386	54.438	ng	99
8) 2-Chlorophenol	6.657	128	314122	54.671	ng	98
9) Benzaldehyde	6.416	77	100802	26.386	ng	99
10) Phenol	6.522	94	415800	54.831	ng	89
11) bis(2-Chloroethyl)ether	6.604	93	307641	49.825	ng	99
12) 1,3-Dichlorobenzene	6.810	146	315769	48.853	ng	99
13) 1,4-Dichlorobenzene	6.887	146	320983	49.031	ng	100
14) 1,2-Dichlorobenzene	7.040	146	305622	49.812	ng	99
15) Benzyl Alcohol	7.016	79	294837	53.506	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	543958	50.889	ng	79
17) 2-Methylphenol	7.128	107	256718	53.520	ng	97
18) Hexachloroethane	7.381	117	118734	48.626	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	237696	51.265	ng	99
20) 3+4-Methylphenols	7.281	107	320701	53.230	ng	95
22) Acetophenone	7.281	105	429887	50.522	ng	99
24) Nitrobenzene	7.457	77	358032	48.835	ng	99
25) Isophorone	7.692	82	643869	51.202	ng	99
26) 2-Nitrophenol	7.769	139	170303	54.034	ng	99
27) 2,4-Dimethylphenol	7.804	122	248809	64.485	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	381519	50.807	ng	99
29) 2,4-Dichlorophenol	8.016	162	267605	53.173	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	272451	47.870	ng	99
31) Naphthalene	8.175	128	914244	49.882	ng	100
32) Benzoic acid	7.945	122	204934	53.415	ng	98
33) 4-Chloroaniline	8.222	127	93734	15.109	ng	98
34) Hexachlorobutadiene	8.286	225	176798	48.001	ng	99
35) Caprolactam	8.604	113	59261	35.901	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	307248	53.931	ng	100
37) 2-Methylnaphthalene	8.863	142	605140	50.695	ng	99
38) 1-Methylnaphthalene	8.963	142	562258	48.188	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	282919	49.123	ng	99
41) Hexachlorocyclopentadiene	9.016	237	327568	185.487	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	202014	52.031	ng	99

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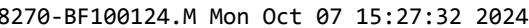
Instrument :
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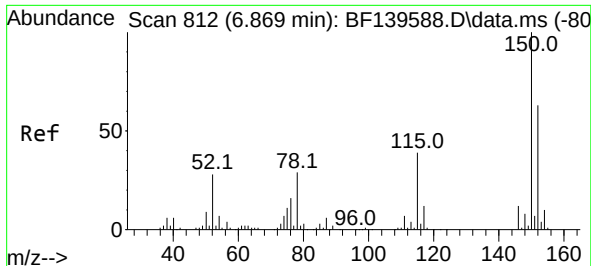
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	214817	51.305	ng	98
46) 1,1'-Biphenyl	9.328	154	763977	49.524	ng	100
47) 2-Chloronaphthalene	9.357	162	570627	49.342	ng	98
48) 2-Nitroaniline	9.451	65	223156	53.754	ng	99
49) Acenaphthylene	9.769	152	955228	54.313	ng	99
50) Dimethylphthalate	9.633	163	717460	52.843	ng	100
51) 2,6-Dinitrotoluene	9.698	165	157120	51.229	ng	95
52) Acenaphthene	9.939	154	581939	48.199	ng	100
53) 3-Nitroaniline	9.863	138	111977	35.727	ng	99
54) 2,4-Dinitrophenol	9.975	184	195925	118.769	ng	97
55) Dibenzofuran	10.116	168	874443	51.727	ng	99
56) 4-Nitrophenol	10.039	139	258464	108.139	ng	95
57) 2,4-Dinitrotoluene	10.104	165	214433	53.489	ng	96
58) Fluorene	10.457	166	690561	51.288	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	192307	56.865	ng	98
60) Diethylphthalate	10.333	149	737307	52.576	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	338784	50.294	ng	98
62) 4-Nitroaniline	10.486	138	174429	54.408	ng	99
63) Azobenzene	10.610	77	744941	52.821	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	127472	55.488	ng	98
66) n-Nitrosodiphenylamine	10.569	169	626491	52.252	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	207859	49.840	ng	100
68) Hexachlorobenzene	11.004	284	232007	50.133	ng	99
69) Atrazine	11.098	200	203240	63.179	ng	98
70) Pentachlorophenol	11.204	266	271090	98.377	ng	99
71) Phenanthrene	11.422	178	1012567	52.796	ng	100
72) Anthracene	11.475	178	1034837	54.540	ng	100
73) Carbazole	11.627	167	962441	52.813	ng	100
74) Di-n-butylphthalate	11.951	149	1186689	53.550	ng	100
75) Fluoranthene	12.610	202	1107969	52.847	ng	100
77) Benzidine	12.727	184	353999	81.536	ng	100
78) Pyrene	12.839	202	1128984	51.283	ng	99
80) Butylbenzylphthalate	13.451	149	459034	58.294	ng	99
81) Benzo(a)anthracene	14.027	228	883005	54.564	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	187744	37.908	ng	98
83) Chrysene	14.063	228	783915	52.984	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	601512	61.174	ng	99
85) Di-n-octyl phthalate	14.621	149	844914	58.490	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	612314	56.134	ng	99
88) Benzo(b)fluoranthene	15.074	252	669831	55.898	ng	99
89) Benzo(k)fluoranthene	15.104	252	540095	53.134	ng	99
90) Benzo(a)pyrene	15.445	252	542709	57.438	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	503626	55.666	ng	99
92) Benzo(g,h,i)perylene	17.433	276	468316	51.613	ng	98

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

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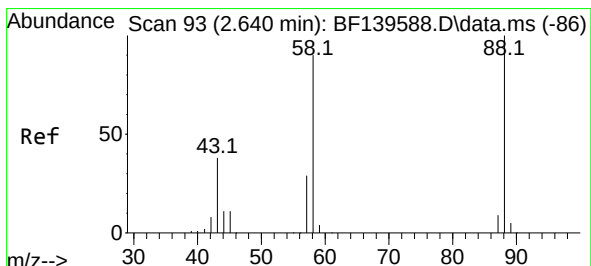
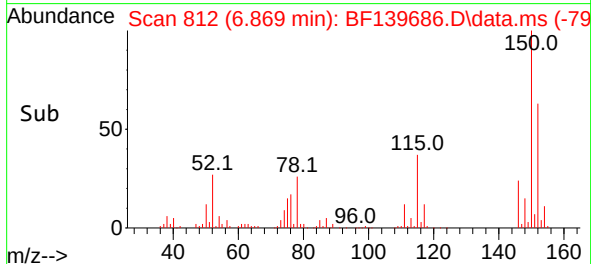
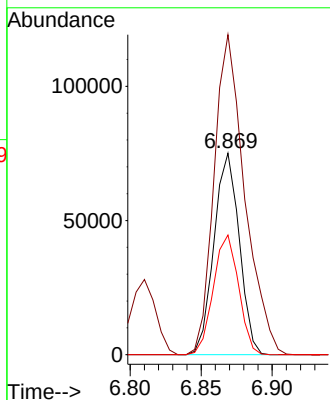
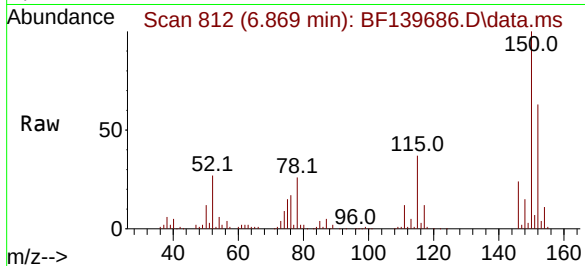




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

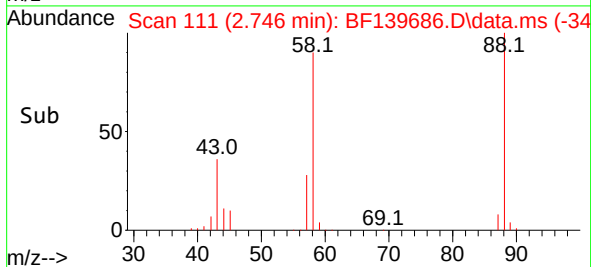
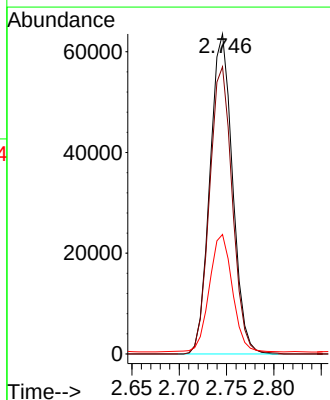
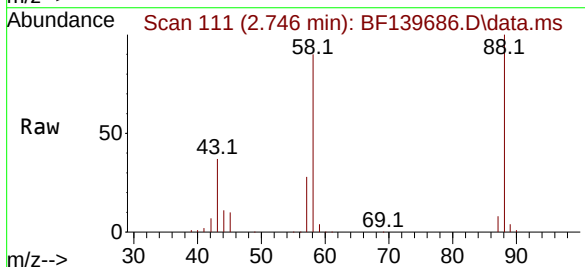
Instrument :
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PB163902BSD

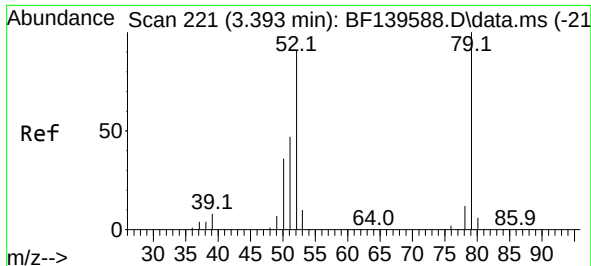
Tgt Ion:152 Resp: 92952
Ion Ratio Lower Upper
152 100
150 158.9 127.2 190.8
115 59.4 49.0 73.4



#2
1,4-Dioxane
Concen: 45.442 ng
RT: 2.746 min Scan# 111
Delta R.T. 0.106 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion: 88 Resp: 105362
Ion Ratio Lower Upper
88 100
58 90.5 72.0 108.0
43 37.2 30.8 46.2





#3

Pyridine

Concen: 49.013 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

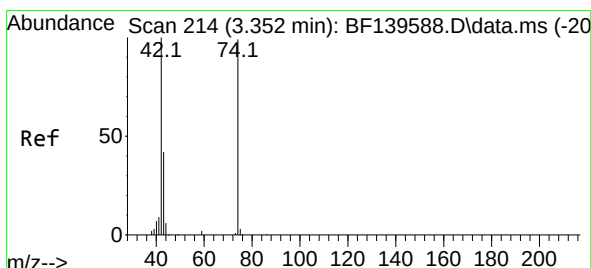
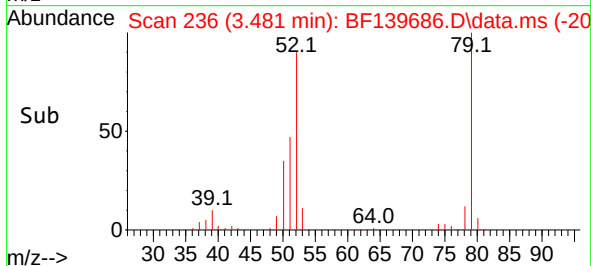
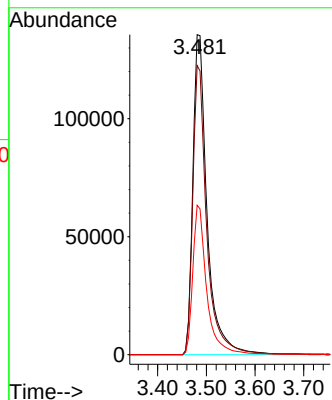
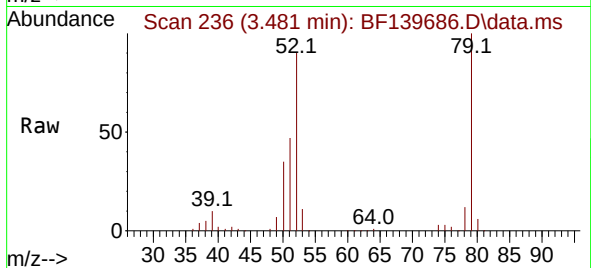
Tgt Ion: 79 Resp: 276383

Ion Ratio Lower Upper

79 100

52 90.4 72.6 109.0

51 46.7 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 51.095 ng

RT: 3.451 min Scan# 231

Delta R.T. 0.100 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

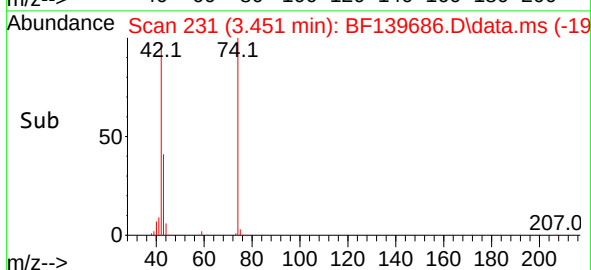
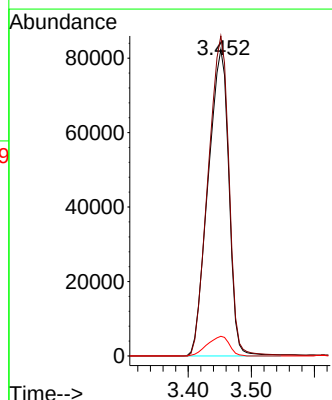
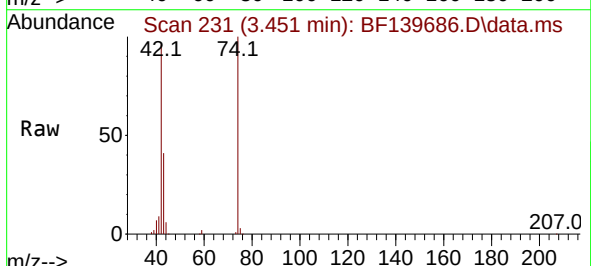
Tgt Ion: 42 Resp: 188596

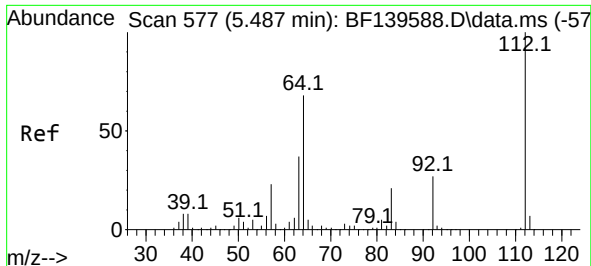
Ion Ratio Lower Upper

42 100

74 104.4 79.0 118.6

44 6.4 5.2 7.8

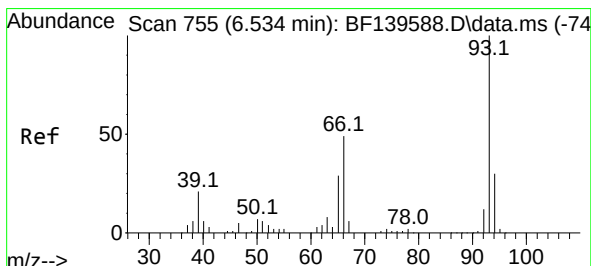
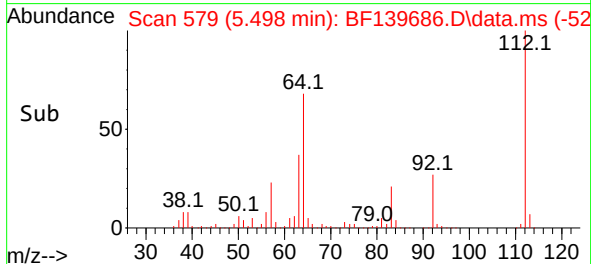
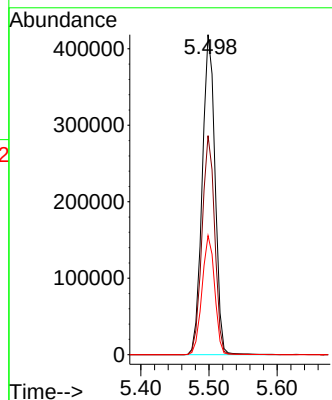
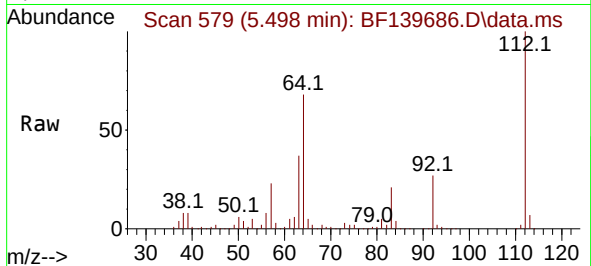




#5
2-Fluorophenol
Concen: 101.800 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

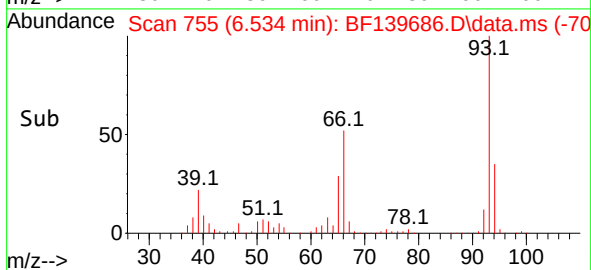
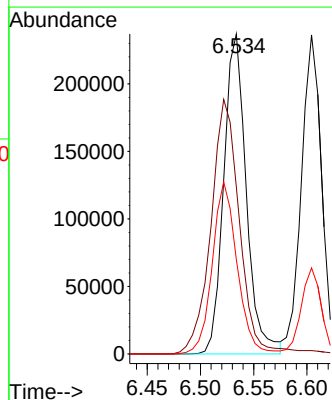
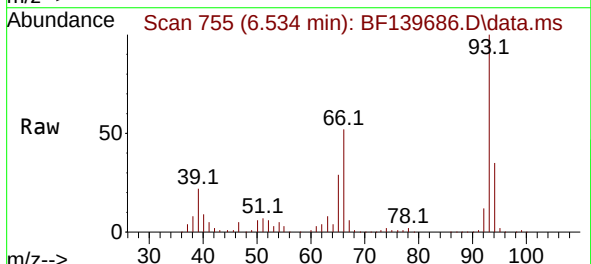
Instrument :
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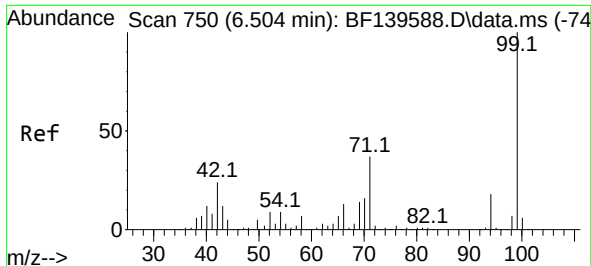
Tgt Ion:112 Resp: 545941
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 37.2 29.4 44.2



#6
Aniline
Concen: 54.438 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion: 93 Resp: 348386
Ion Ratio Lower Upper
93 100
66 52.1 40.9 61.3
65 29.4 23.3 34.9

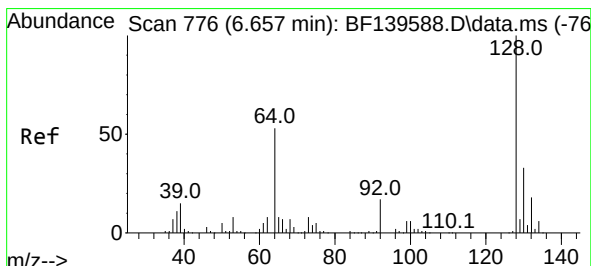
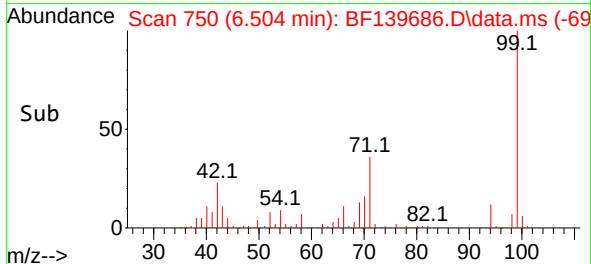
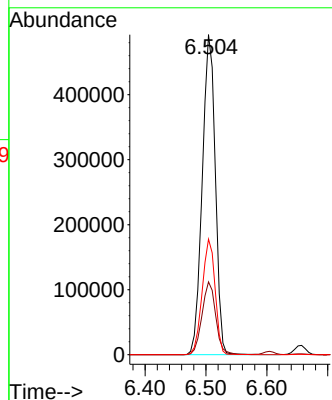
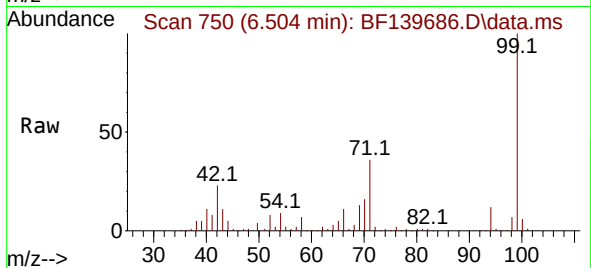




#7
Phenol-d6
Concen: 101.501 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

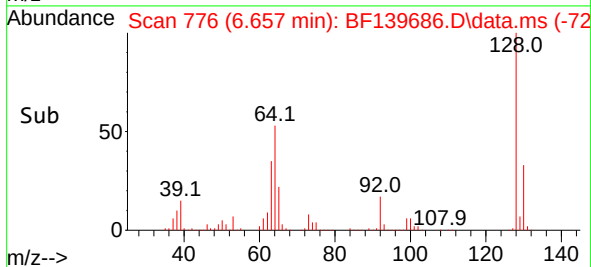
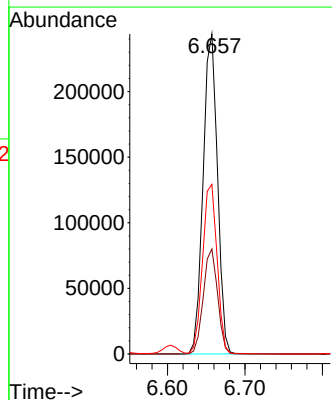
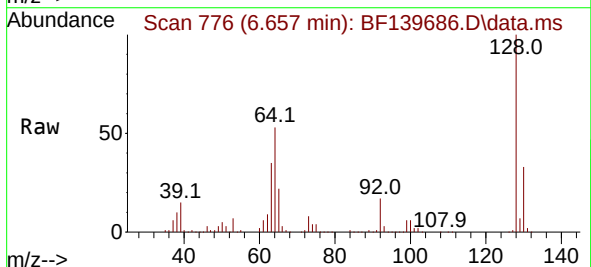
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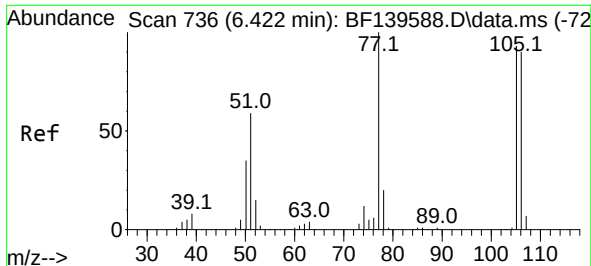
Tgt Ion: 99 Resp: 732016
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 36.1 29.7 44.5



#8
2-Chlorophenol
Concen: 54.671 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:128 Resp: 314122
Ion Ratio Lower Upper
128 100
130 32.8 13.2 53.2
64 53.0 35.1 75.1



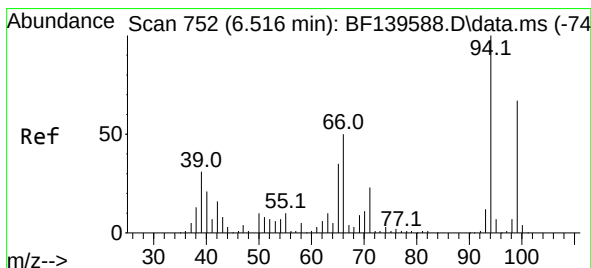
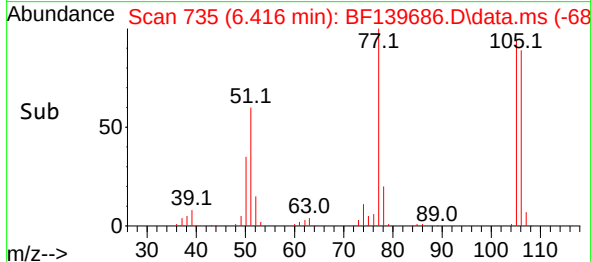
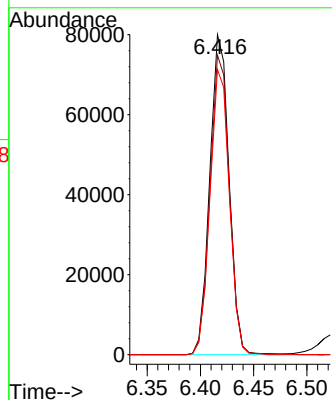
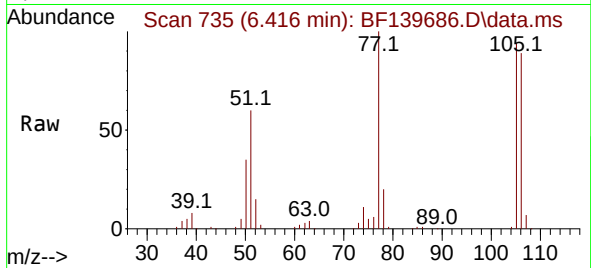


#9
Benzaldehyde
Concen: 26.386 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Instrument :
BNA_F
ClientSampleId :
PB163902BSD

Tgt Ion: 77 Resp: 100802

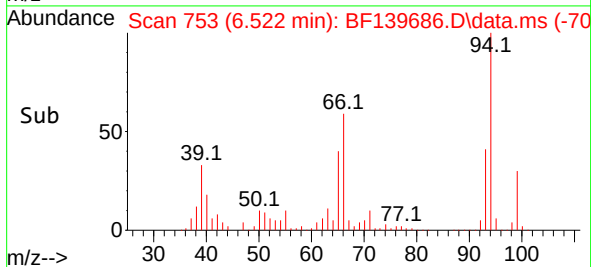
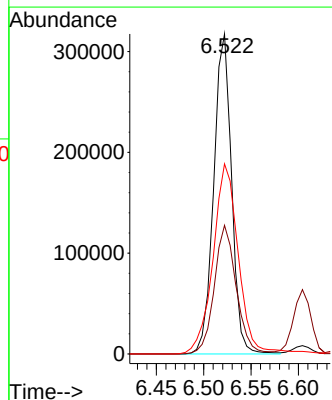
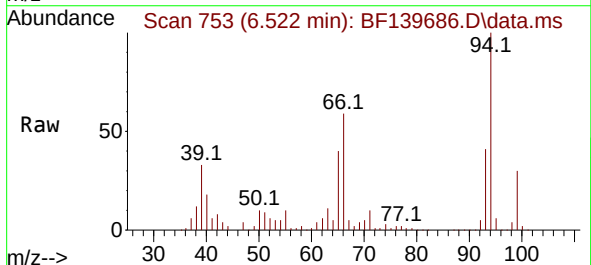
Ion	Ratio	Lower	Upper
77	100		
105	93.6	72.7	112.7
106	89.1	70.1	110.1

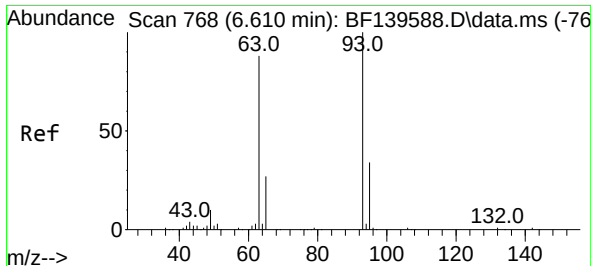


#10
Phenol
Concen: 54.831 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion: 94 Resp: 415800

Ion	Ratio	Lower	Upper
94	100		
65	40.2	15.3	55.3
66	59.4	30.5	70.5

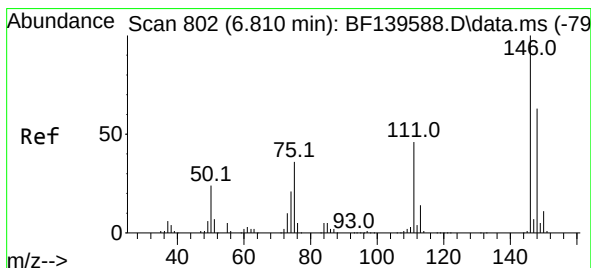
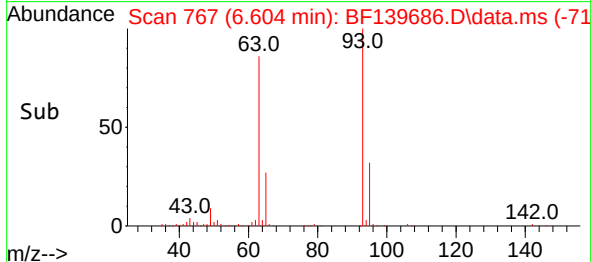
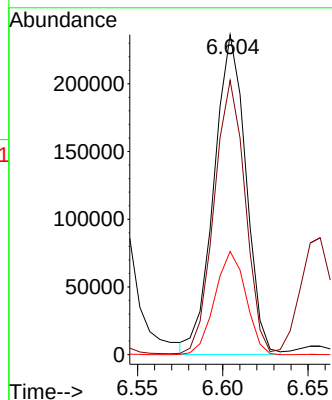
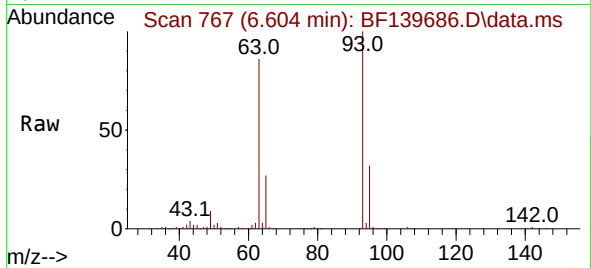




#11
bis(2-Chloroethyl)ether
Concen: 49.825 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

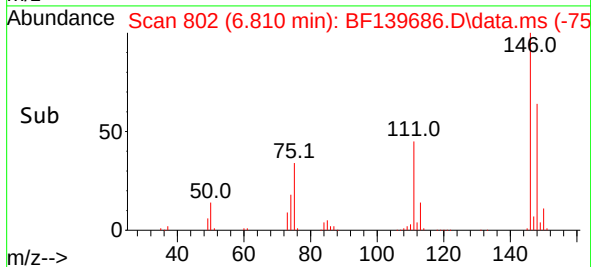
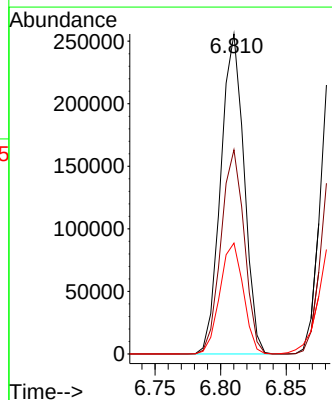
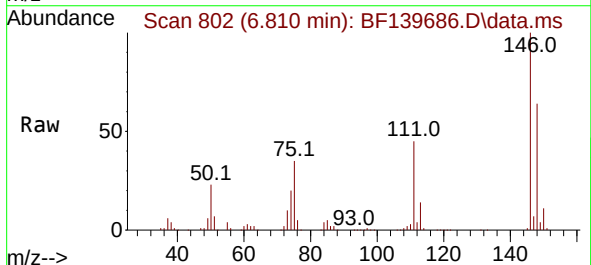
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

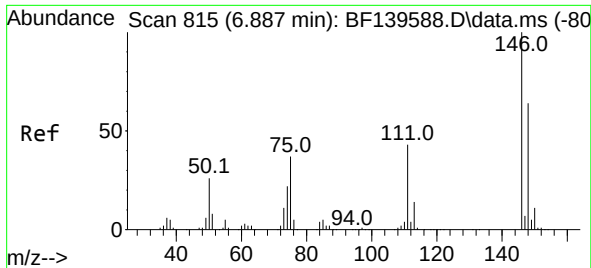
Tgt Ion: 93 Resp: 307641
Ion Ratio Lower Upper
93 100
63 85.7 64.1 104.1
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.853 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion: 146 Resp: 315769
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.4
75 34.7 28.5 42.7

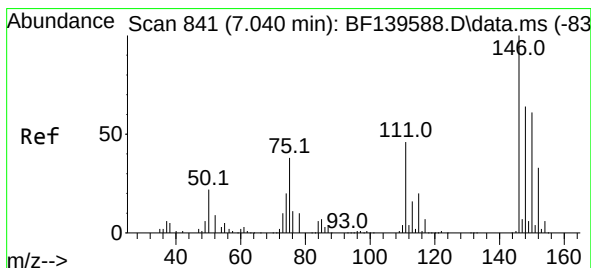
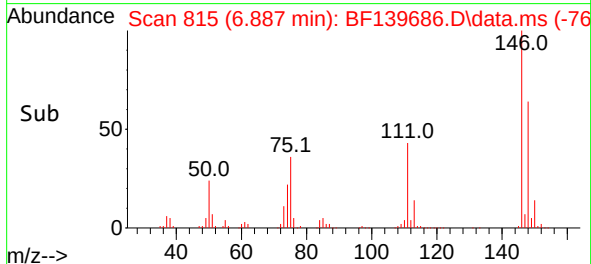
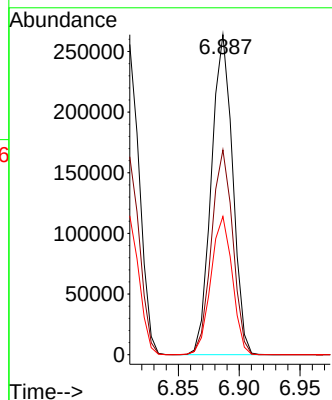
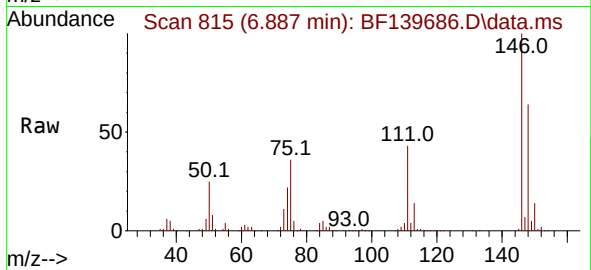




#13
1,4-Dichlorobenzene
Concen: 49.031 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

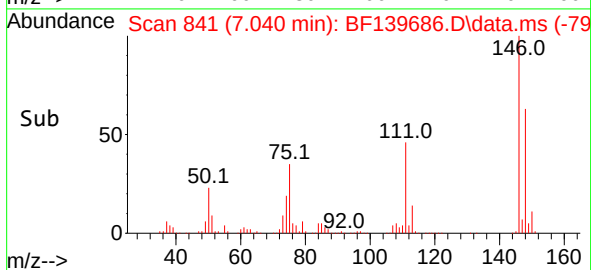
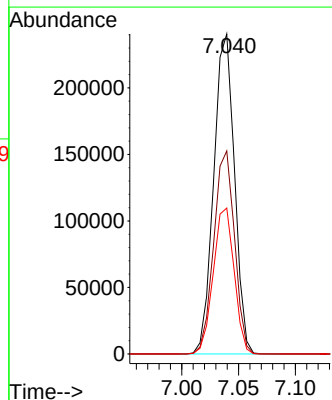
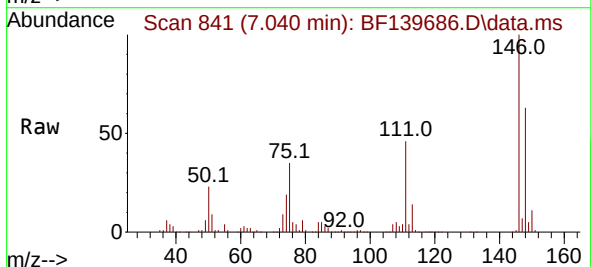
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

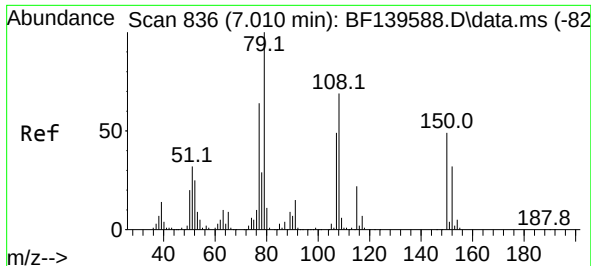
Tgt Ion:146 Resp: 320983
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 43.2 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 49.812 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:146 Resp: 305622
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 45.6 37.0 55.6

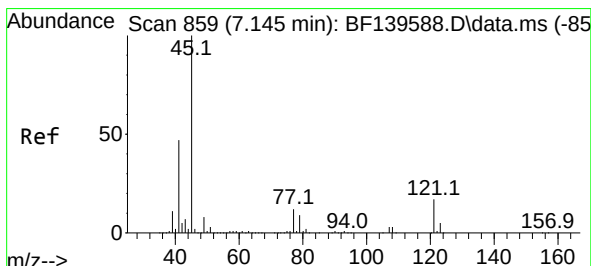
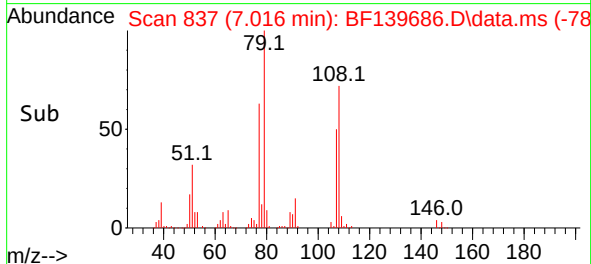
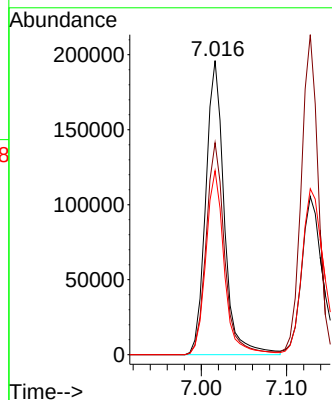
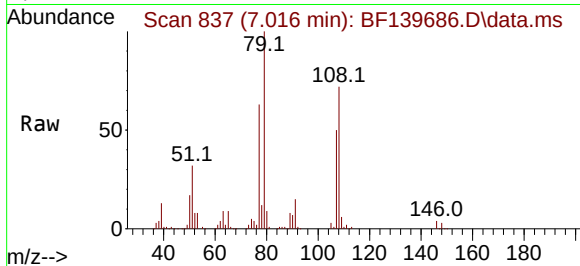




#15
Benzyl Alcohol
Concen: 53.506 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

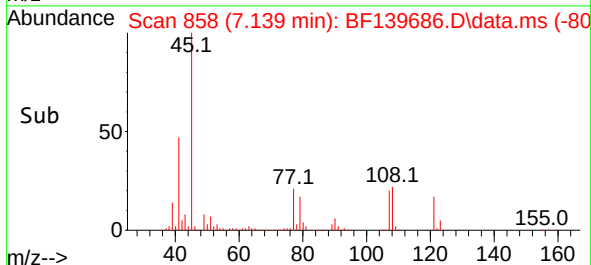
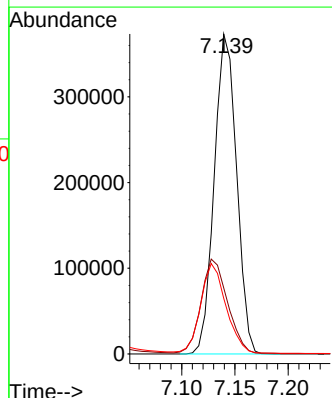
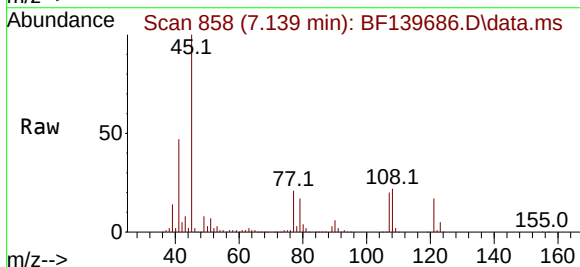
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

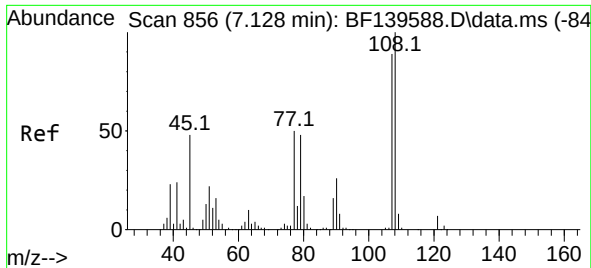
Tgt Ion: 79 Resp: 294837
Ion Ratio Lower Upper
79 100
108 72.1 55.1 82.7
77 62.5 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.889 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion: 45 Resp: 543958
Ion Ratio Lower Upper
45 100
77 20.6 0.0 32.5
79 17.4 0.0 29.7

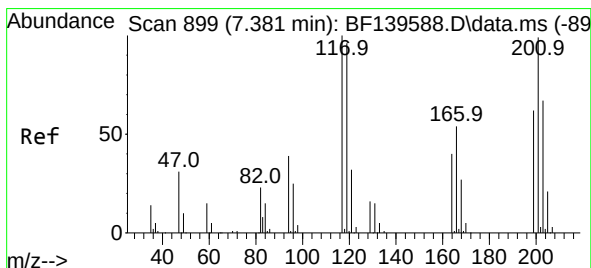
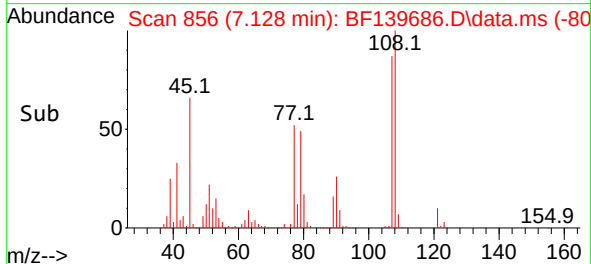
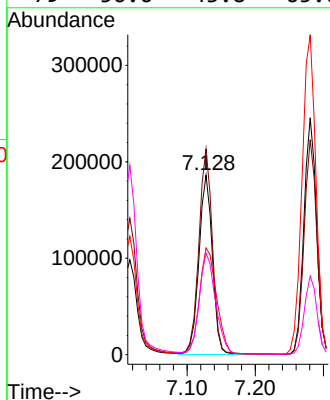
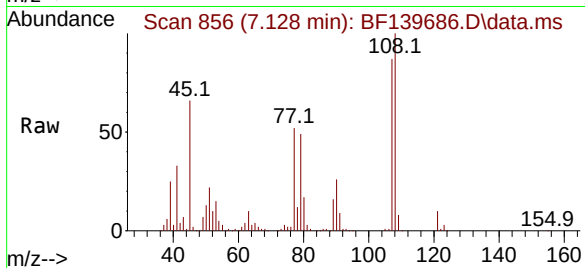




#17
2-Methylphenol
Concen: 53.520 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

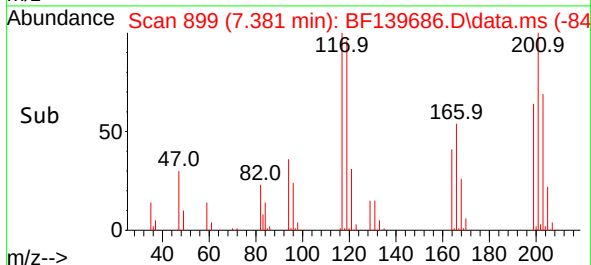
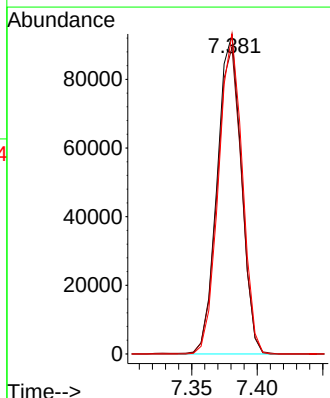
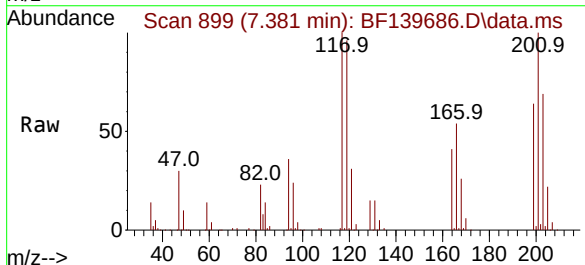
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

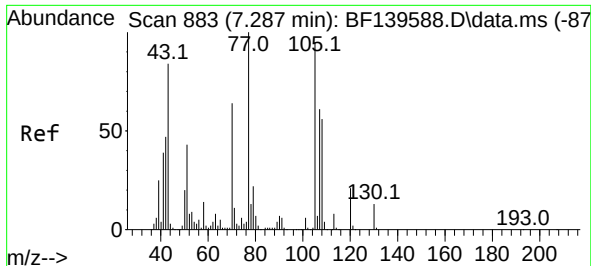
Tgt Ion:	107	Resp:	256718
Ion	Ratio	Lower	Upper
107	100		
108	114.6	89.8	134.6
77	59.4	44.6	67.0
79	56.6	43.8	65.6



#18
Hexachloroethane
Concen: 48.626 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:	117	Resp:	118734
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.0	115.6
201	100.2	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 51.265 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF139686.D

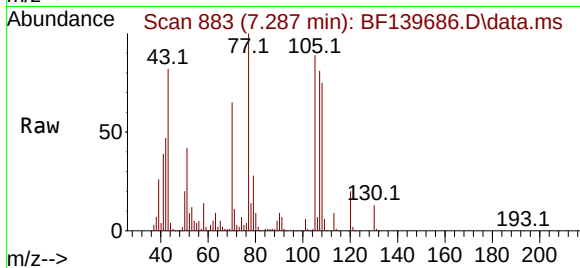
Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD



Tgt Ion: 70 Resp: 237696

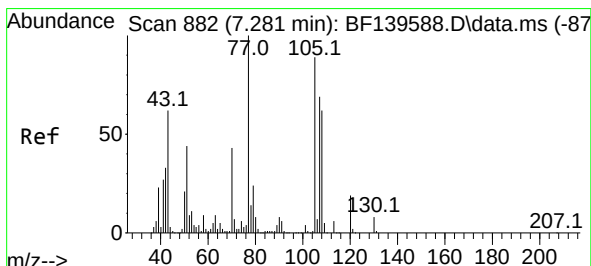
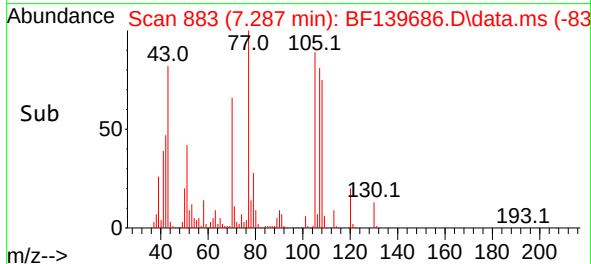
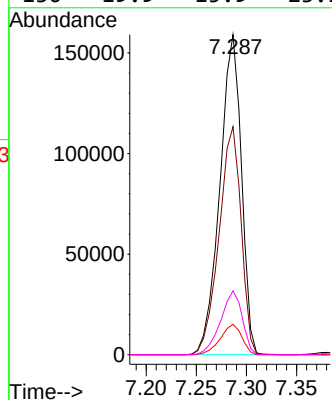
Ion Ratio Lower Upper

70 100

42 71.3 58.0 87.0

101 9.5 7.8 11.8

130 19.9 15.9 23.9



#20

3+4-Methylphenols

Concen: 53.230 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Tgt Ion: 107 Resp: 320701

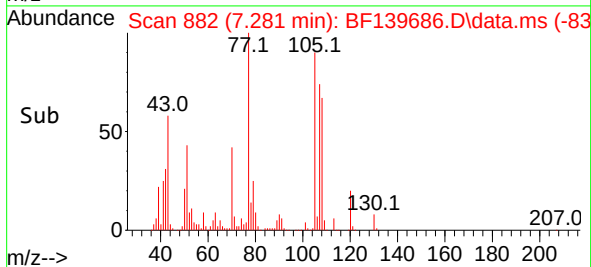
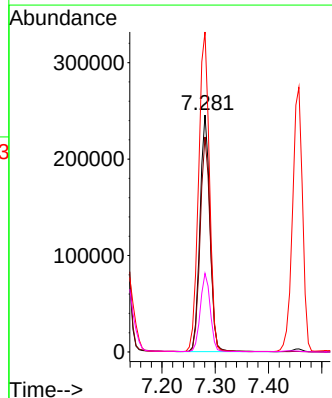
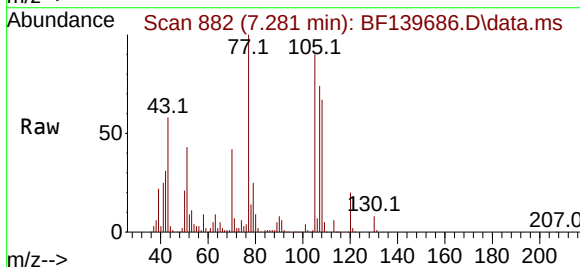
Ion Ratio Lower Upper

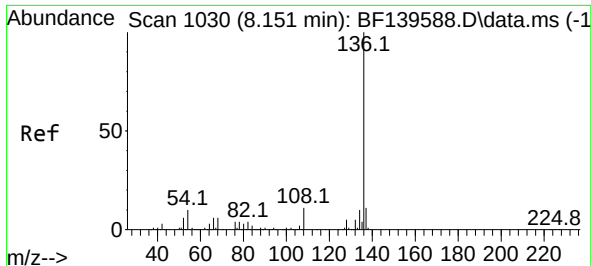
107 100

108 90.8 70.2 110.2

77 135.0 125.3 165.3

79 33.2 14.3 54.3



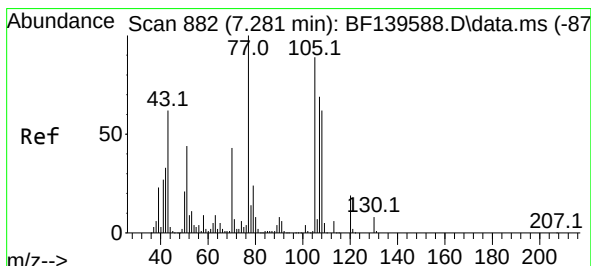
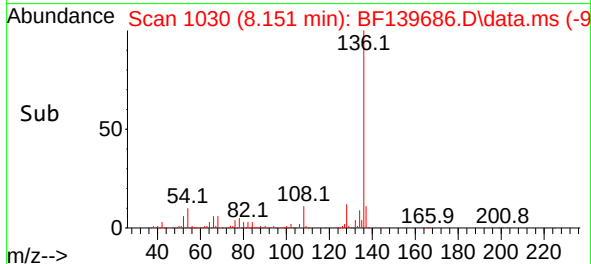
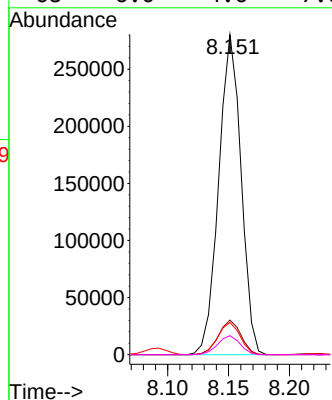
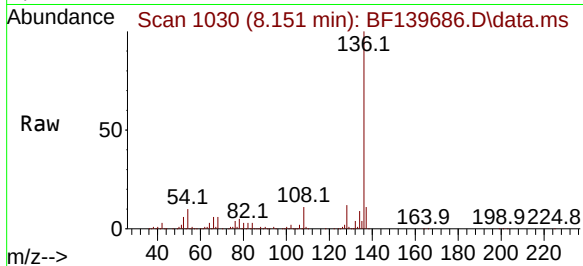


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Instrument :
BNA_F
ClientSampleId :
PB163902BSD

Tgt Ion:136 Resp: 358469

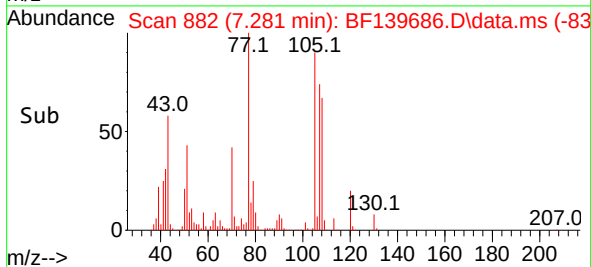
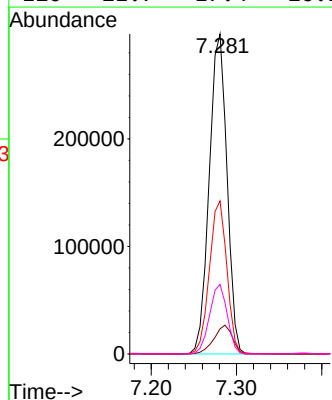
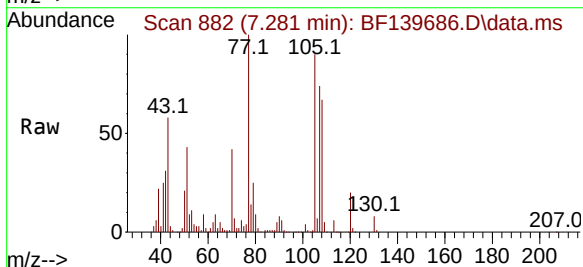
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.1	8.3	12.5
68	6.0	4.6	7.0

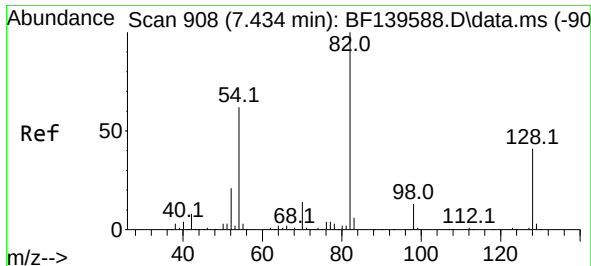


#22
Acetophenone
Concen: 50.522 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:105 Resp: 429887

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.6	10.0
51	47.8	39.4	59.0
120	21.7	17.4	26.2





#23

Nitrobenzene-d5

Concen: 96.075 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

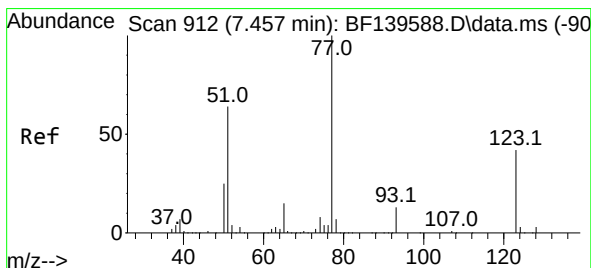
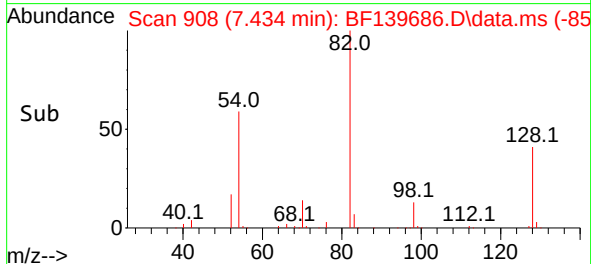
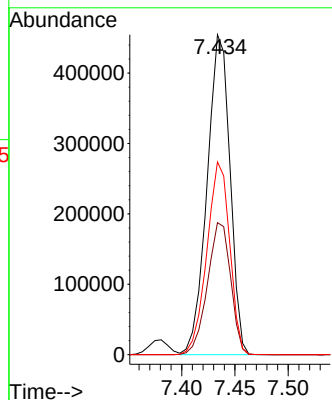
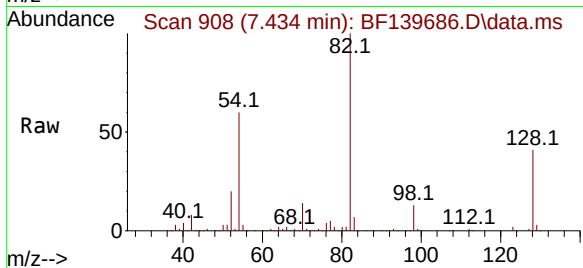
Tgt Ion: 82 Resp: 680225

Ion Ratio Lower Upper

82 100

128 41.2 32.4 48.6

54 60.3 49.1 73.7



#24

Nitrobenzene

Concen: 48.835 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

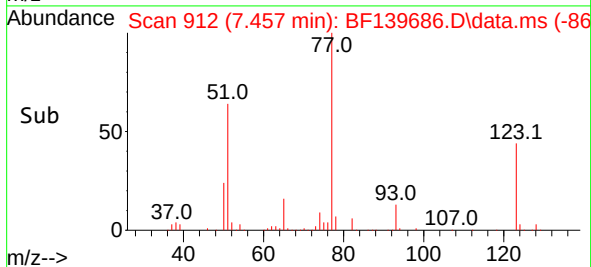
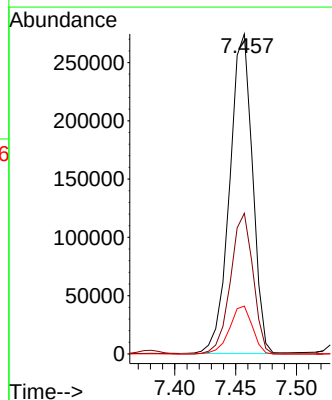
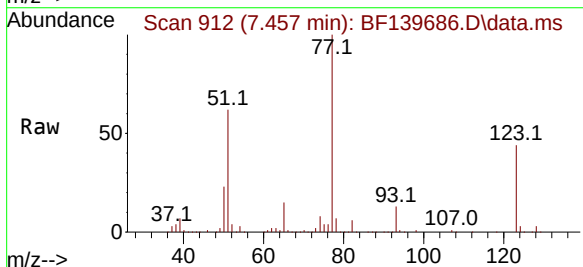
Tgt Ion: 77 Resp: 358032

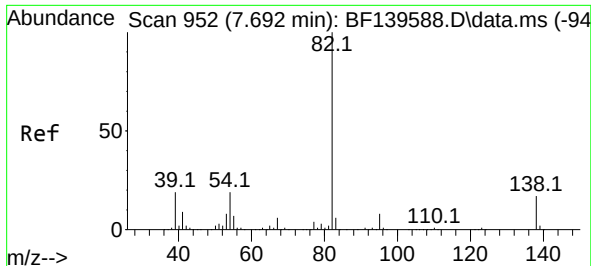
Ion Ratio Lower Upper

77 100

123 44.0 34.2 51.4

65 15.0 12.1 18.1

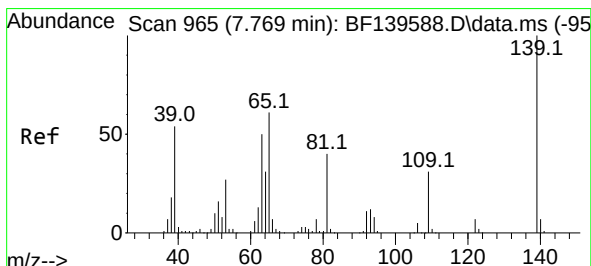
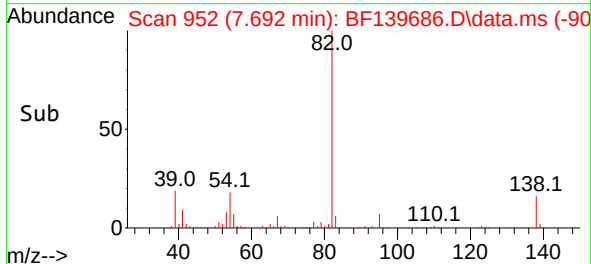
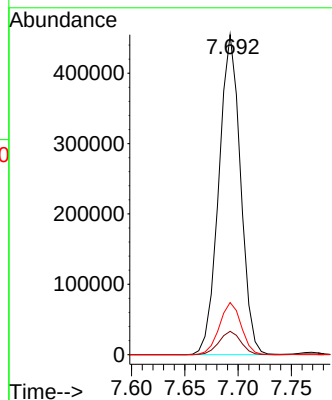
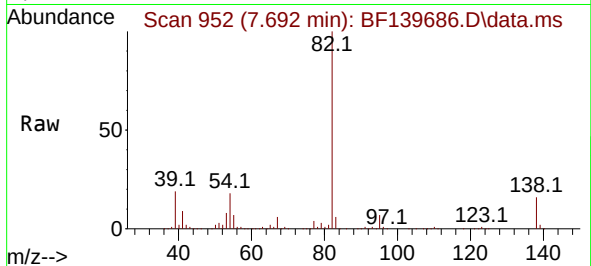




#25
Isophorone
Concen: 51.202 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

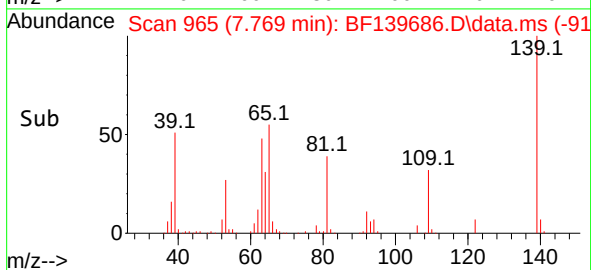
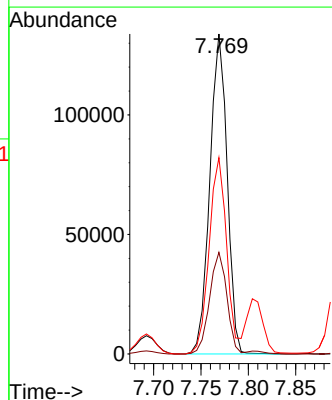
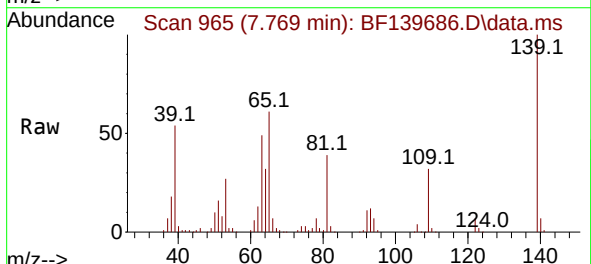
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

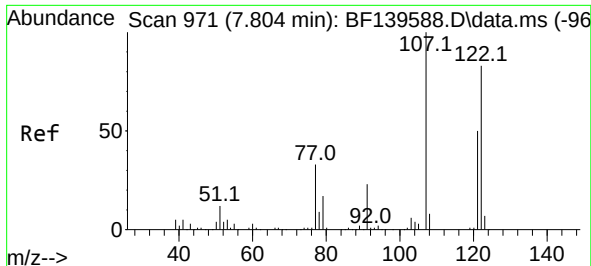
Tgt Ion: 82 Resp: 643869
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.3 13.4 20.2



#26
2-Nitrophenol
Concen: 54.034 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:139 Resp: 170303
Ion Ratio Lower Upper
139 100
109 31.8 24.9 37.3
65 61.4 48.6 72.8

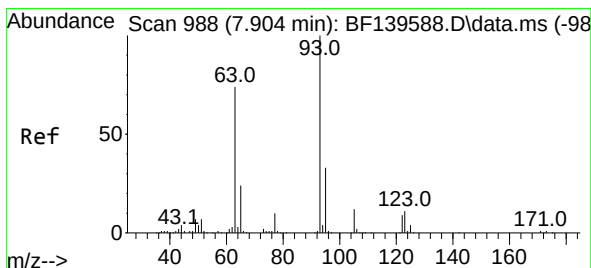
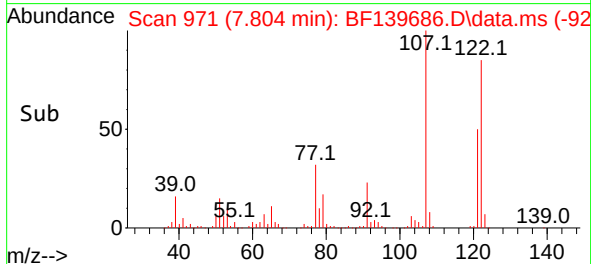
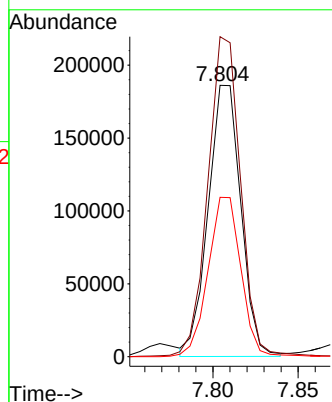
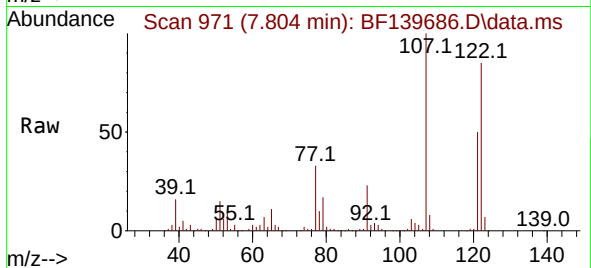




#27
2,4-Dimethylphenol
Concen: 64.485 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

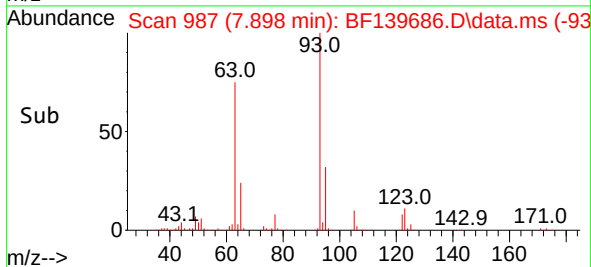
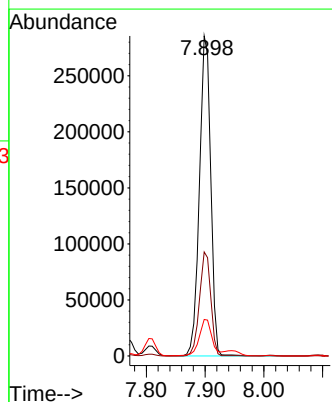
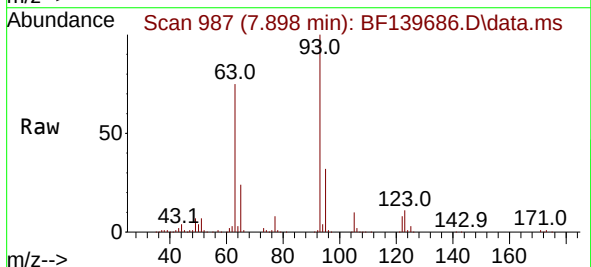
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

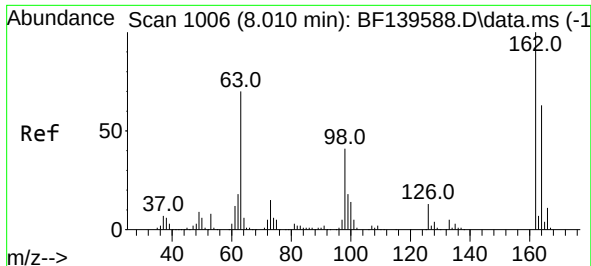
Tgt Ion:122 Resp: 248809
Ion Ratio Lower Upper
122 100
107 117.9 95.4 143.0
121 58.8 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 50.807 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion: 93 Resp: 381519
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 53.173 ng

RT: 8.016 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

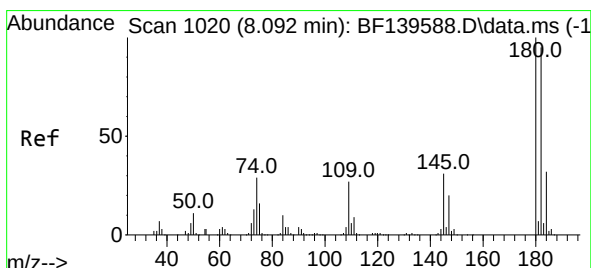
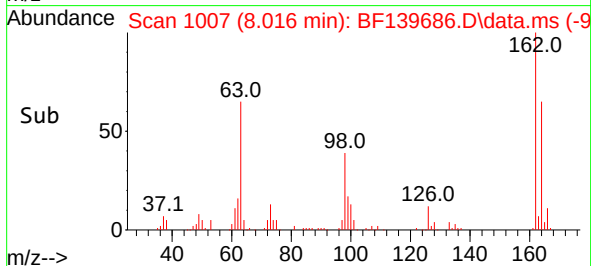
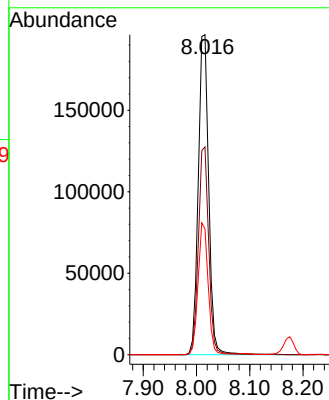
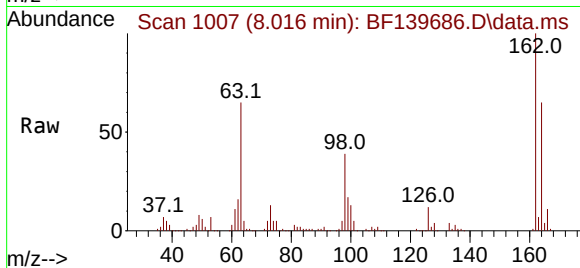
Tgt Ion:162 Resp: 267605

Ion Ratio Lower Upper

162 100

164 64.9 43.1 83.1

98 39.3 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 47.870 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

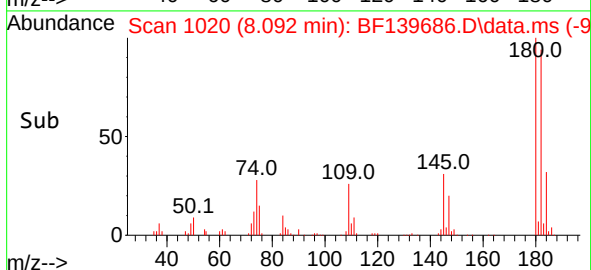
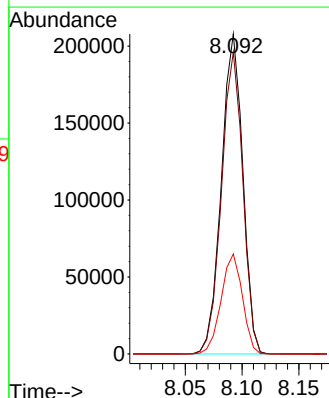
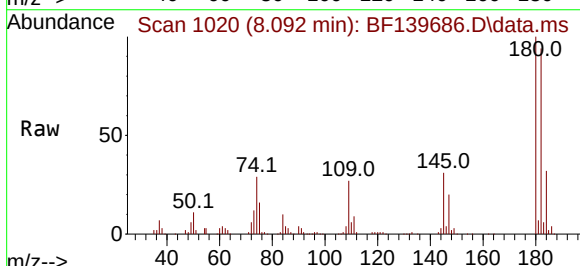
Tgt Ion:180 Resp: 272451

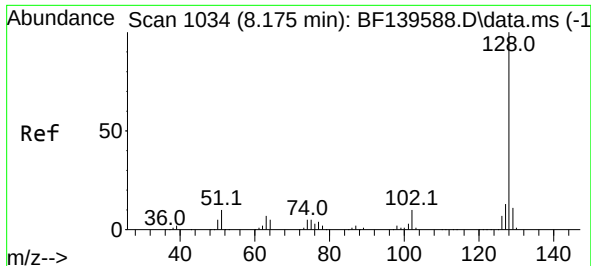
Ion Ratio Lower Upper

180 100

182 94.4 76.0 114.0

145 31.3 25.0 37.6

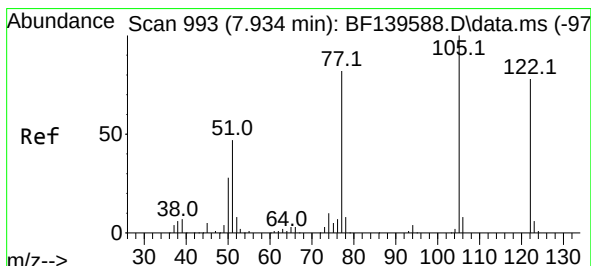
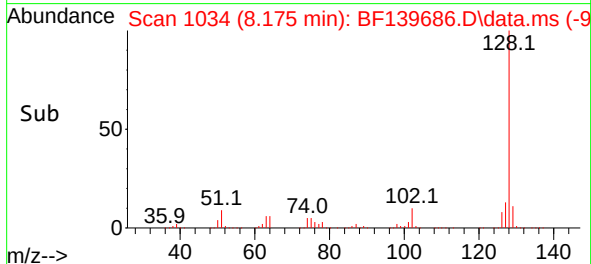
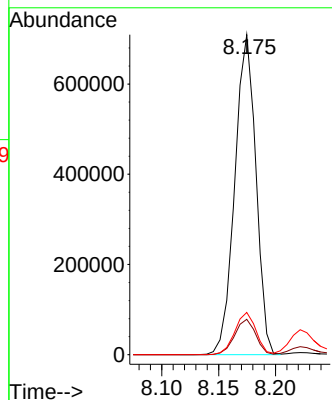
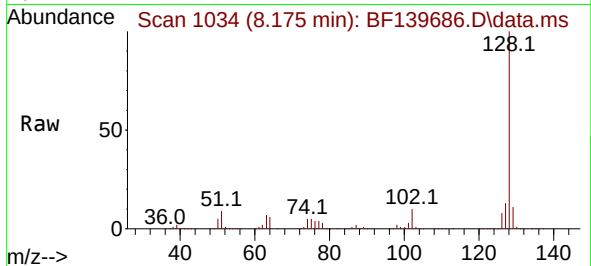




#31
Naphthalene
Concen: 49.882 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

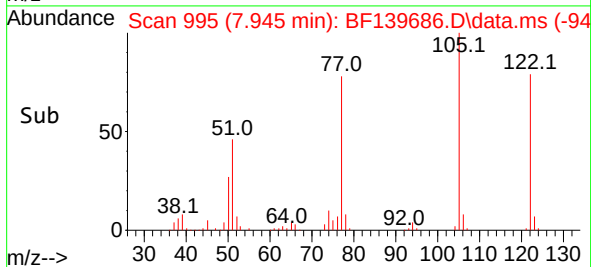
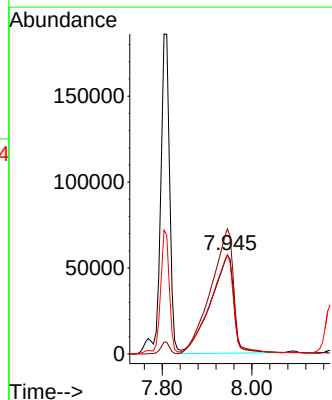
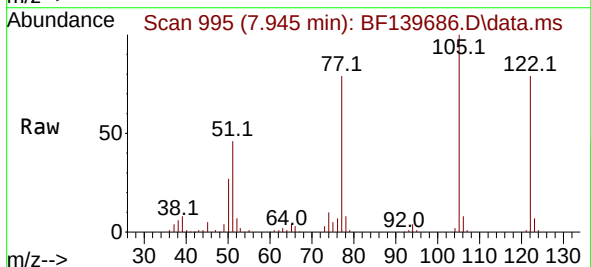
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

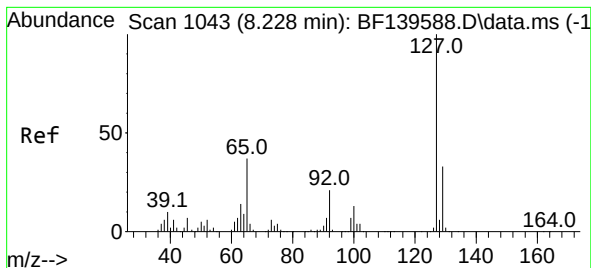
Tgt Ion:128 Resp: 914244
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 53.415 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:122 Resp: 204934
Ion Ratio Lower Upper
122 100
105 126.3 104.9 144.9
77 100.3 82.7 122.7





#33

4-Chloroaniline

Concen: 15.109 ng

RT: 8.222 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

Tgt Ion:127 Resp: 93734

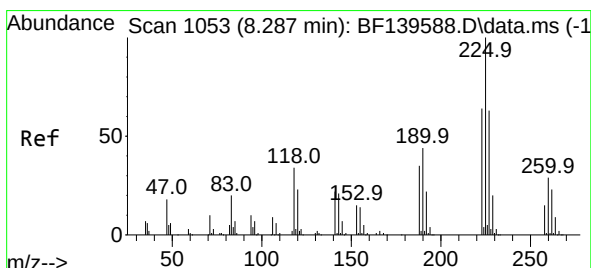
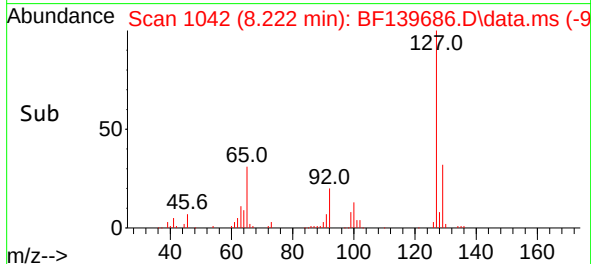
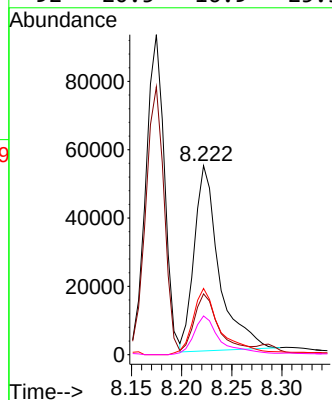
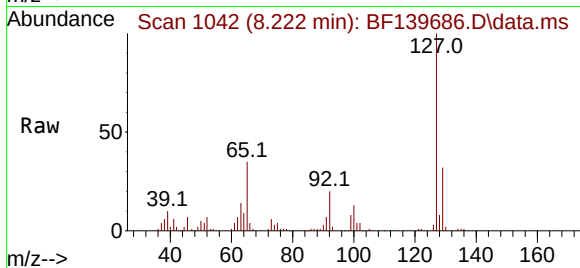
Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.4

65 35.1 29.3 43.9

92 20.5 16.9 25.3



#34

Hexachlorobutadiene

Concen: 48.001 ng

RT: 8.286 min Scan# 1053

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

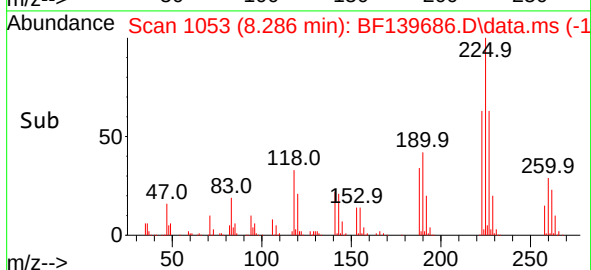
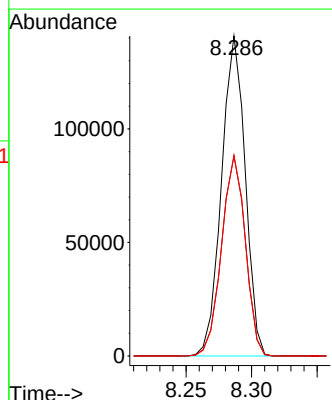
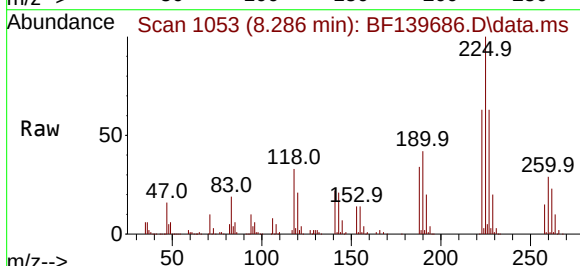
Tgt Ion:225 Resp: 176798

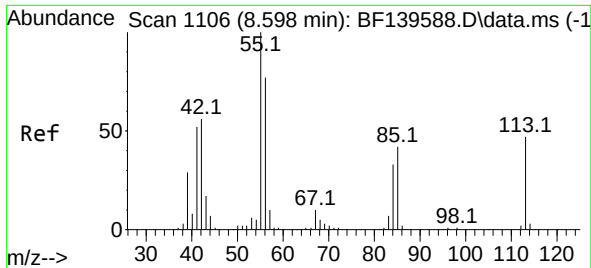
Ion Ratio Lower Upper

225 100

223 62.5 50.9 76.3

227 62.6 50.7 76.1

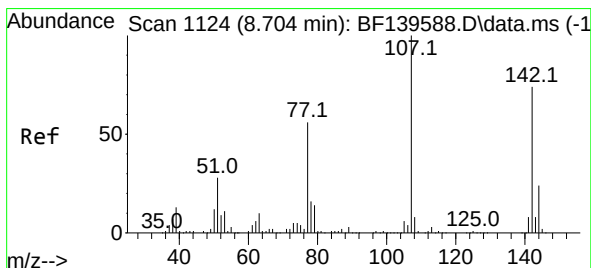
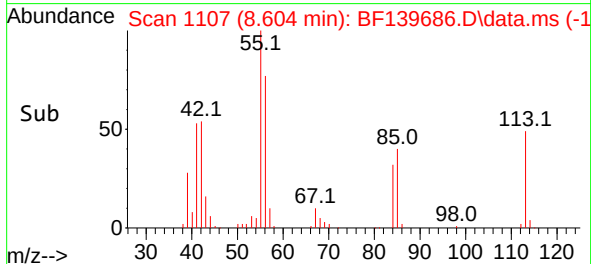
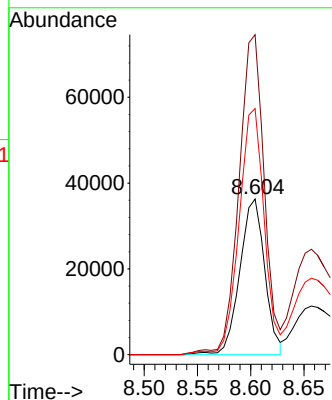
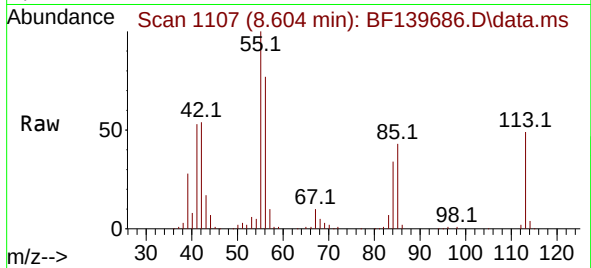




#35
 Caprolactam
 Concen: 35.901 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF139686.D
 Acq: 07 Oct 2024 15:04

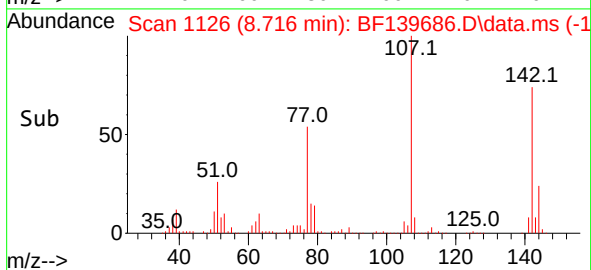
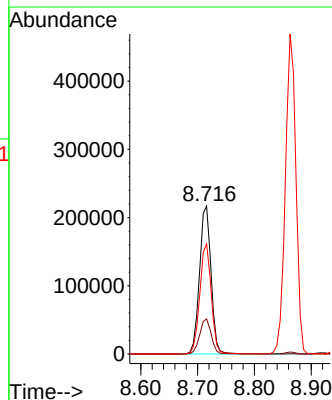
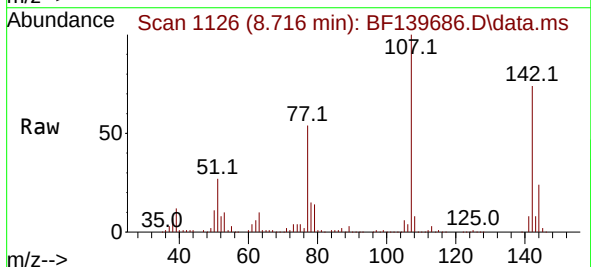
Instrument :
 BNA_F
 ClientSampleId :
 PB163902BSD

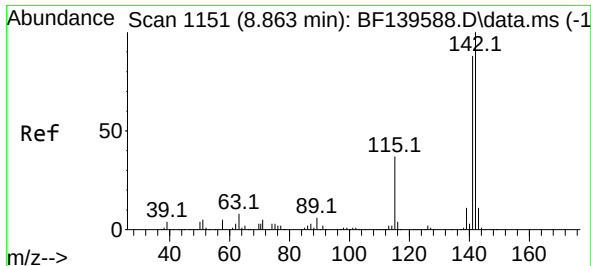
Tgt Ion:113 Resp: 59261
 Ion Ratio Lower Upper
 113 100
 55 205.6 193.4 233.4
 56 158.0 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 53.931 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF139686.D
 Acq: 07 Oct 2024 15:04

Tgt Ion:107 Resp: 307248
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.0 28.6
 142 74.4 59.2 88.8





#37

2-Methylnaphthalene

Concen: 50.695 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

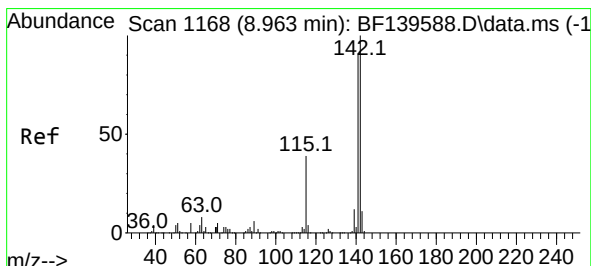
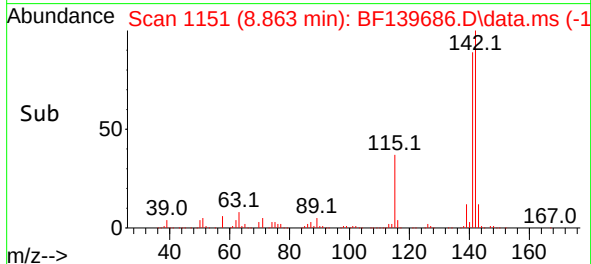
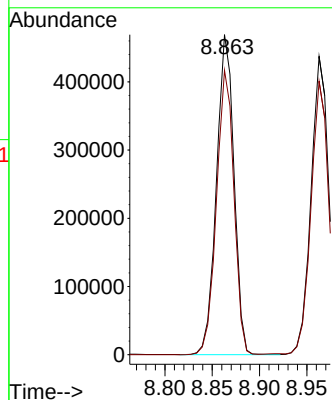
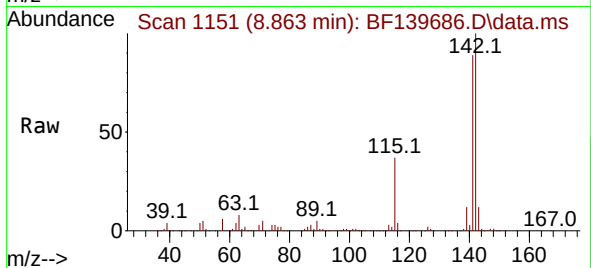
PB163902BSD

Tgt Ion:142 Resp: 605140

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6



#38

1-Methylnaphthalene

Concen: 48.188 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139686.D

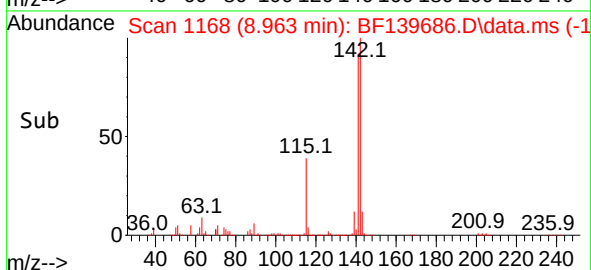
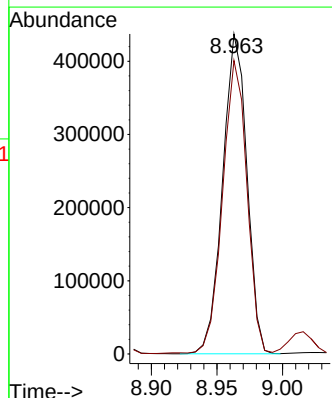
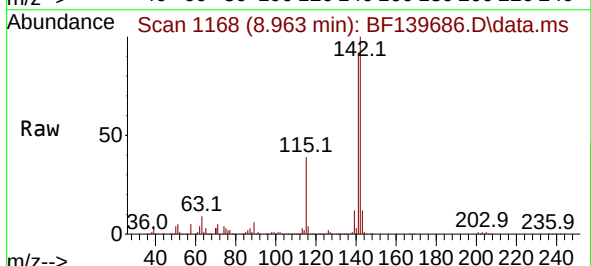
Acq: 07 Oct 2024 15:04

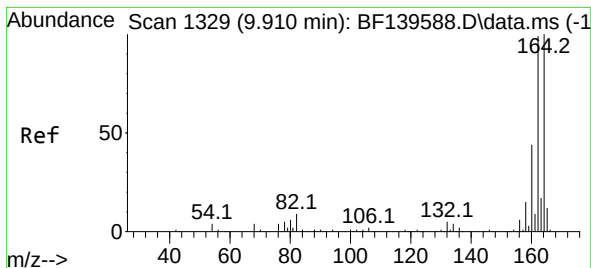
Tgt Ion:142 Resp: 562258

Ion Ratio Lower Upper

142 100

141 91.7 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

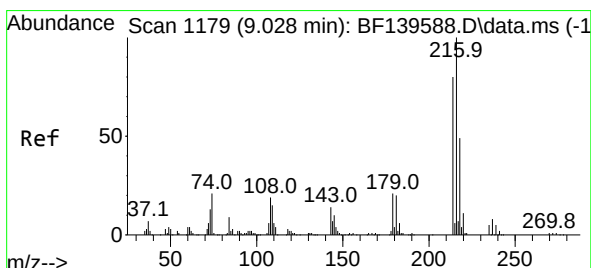
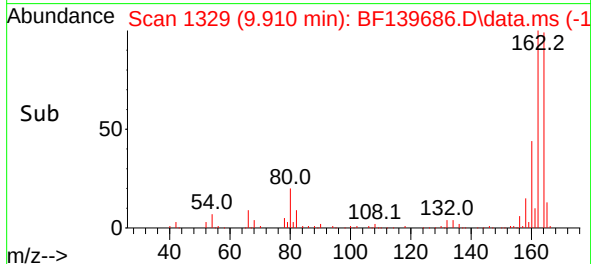
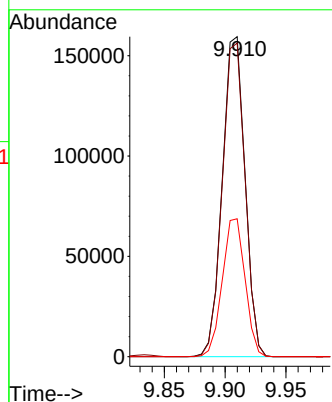
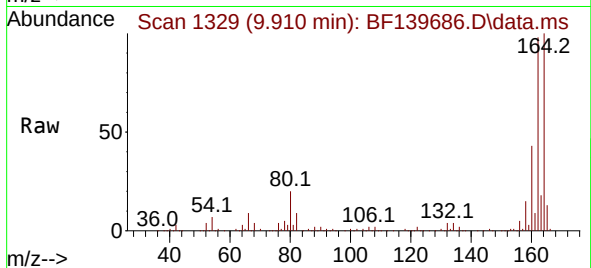
Tgt Ion:164 Resp: 207408

Ion Ratio Lower Upper

164 100

162 98.0 79.4 119.0

160 43.1 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.123 ng

RT: 9.033 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Tgt Ion:216 Resp: 282919

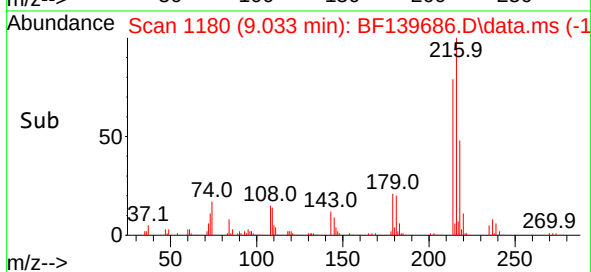
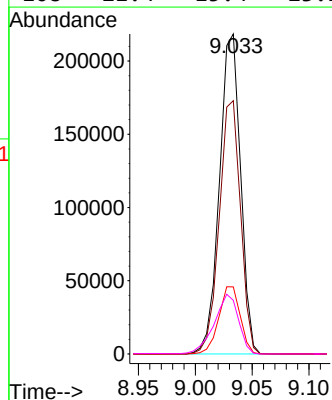
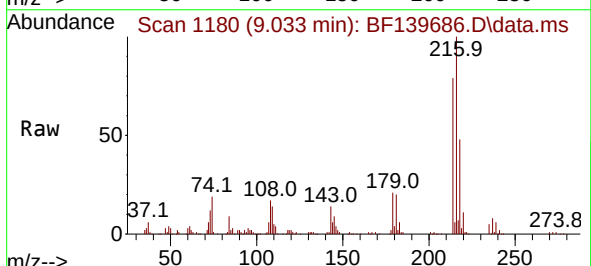
Ion Ratio Lower Upper

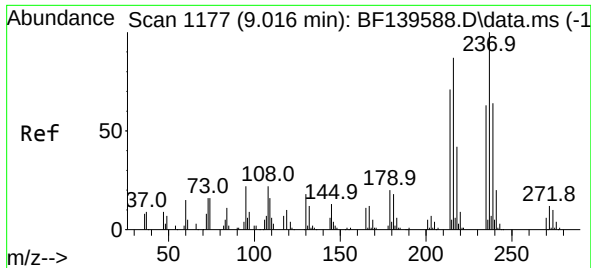
216 100

214 79.5 63.7 95.5

179 21.3 16.9 25.3

108 21.4 15.4 23.2

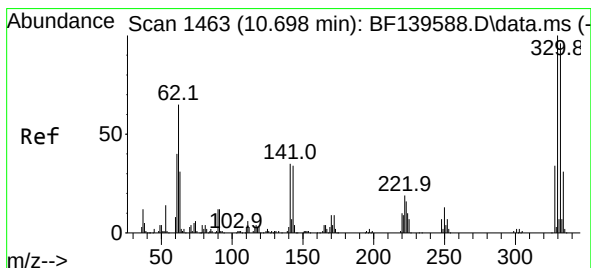
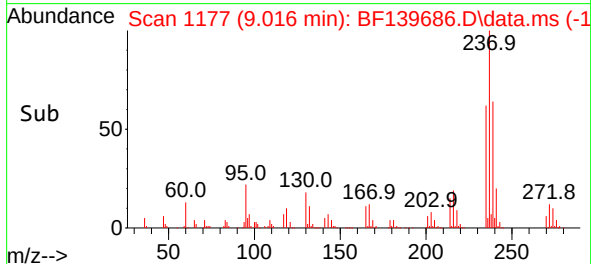
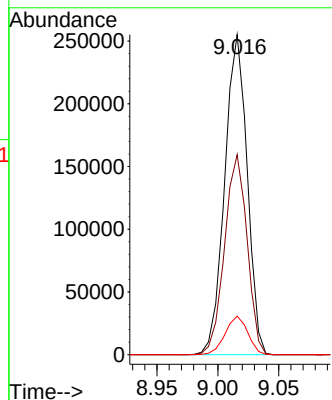
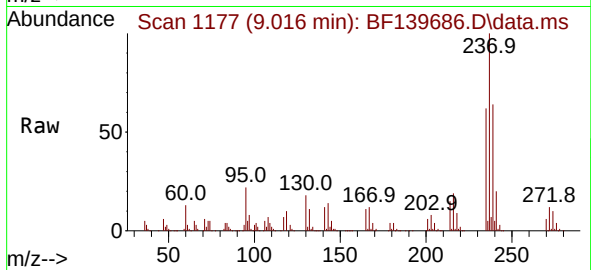




#41
Hexachlorocyclopentadiene
Concen: 185.487 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

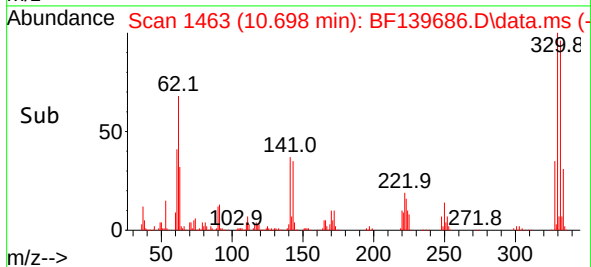
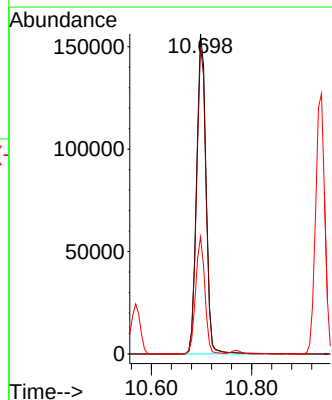
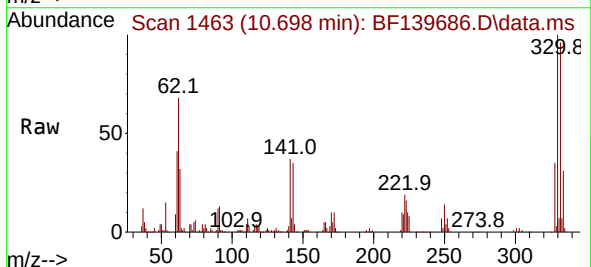
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

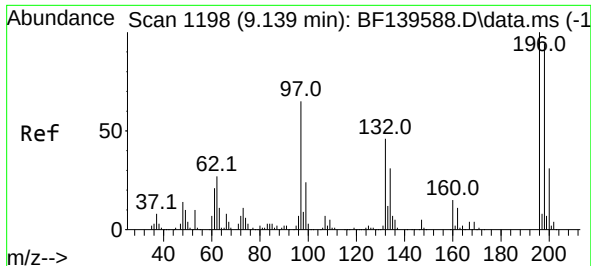
Tgt Ion:237 Resp: 327568
Ion Ratio Lower Upper
237 100
235 62.5 42.5 82.5
272 12.0 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 102.115 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:330 Resp: 204454
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 35.6 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 52.031 ng

RT: 9.145 min Scan# 1198

Delta R.T. 0.006 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

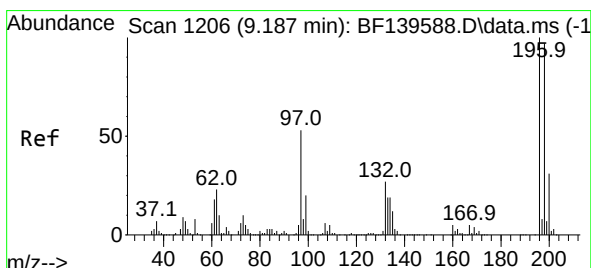
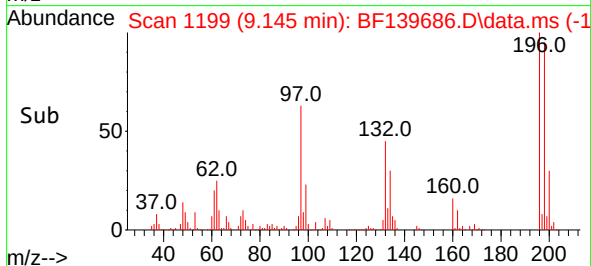
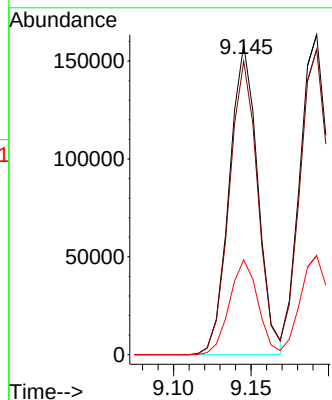
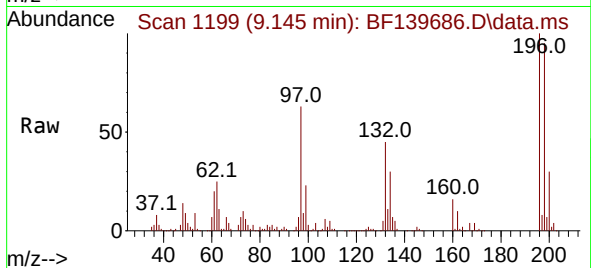
Tgt Ion:196 Resp: 202014

Ion Ratio Lower Upper

196 100

198 94.5 75.2 112.8

200 30.5 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 51.305 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Tgt Ion:196 Resp: 214817

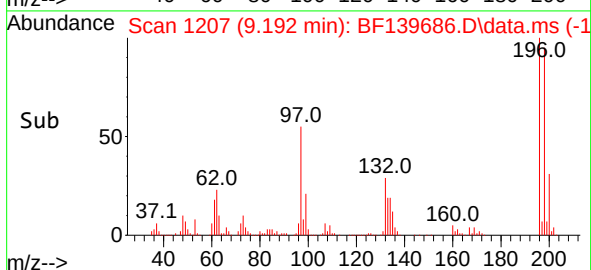
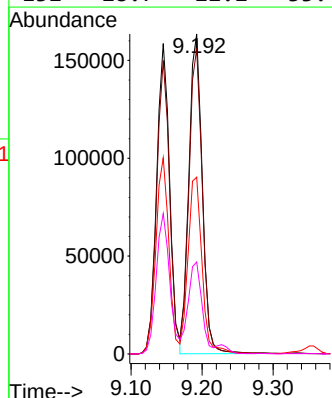
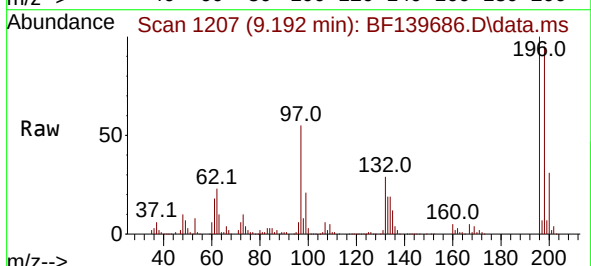
Ion Ratio Lower Upper

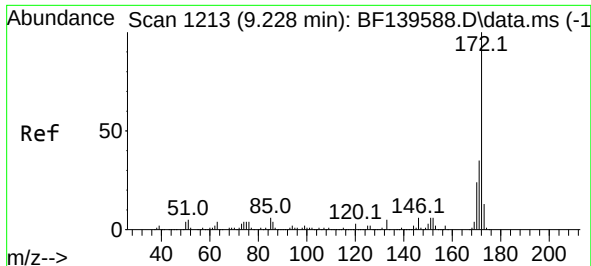
196 100

198 95.4 77.5 116.3

97 55.3 43.1 64.7

132 28.7 22.2 33.4

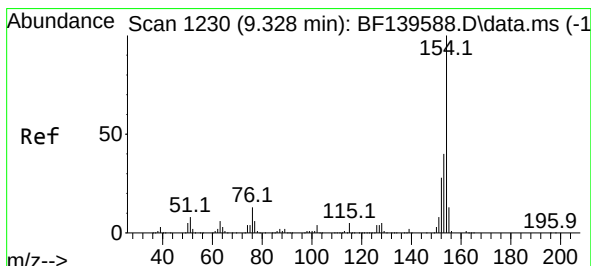
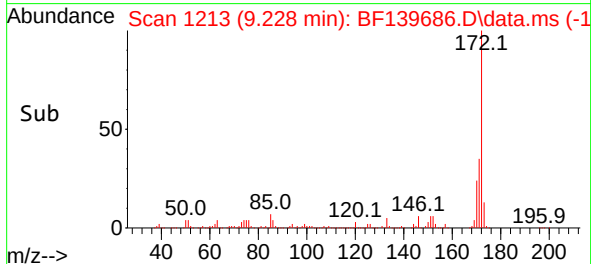
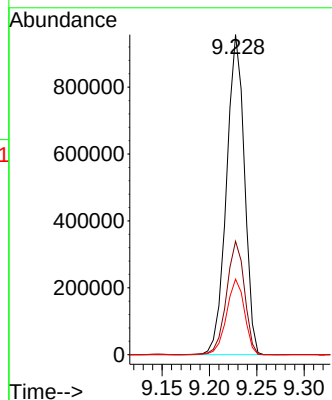
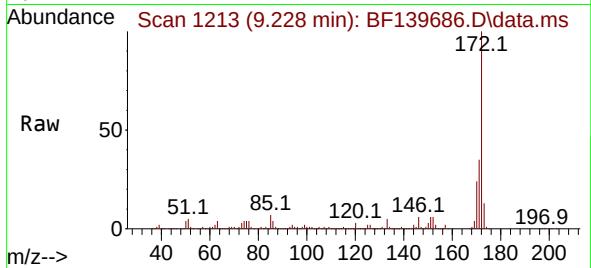




#45
2-Fluorobiphenyl
Concen: 93.172 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

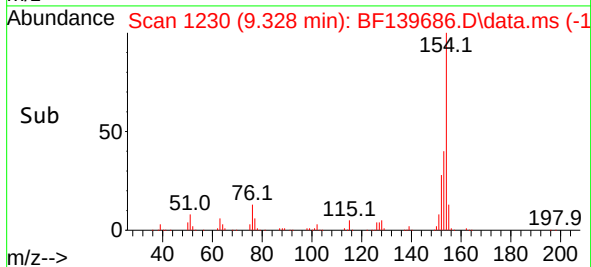
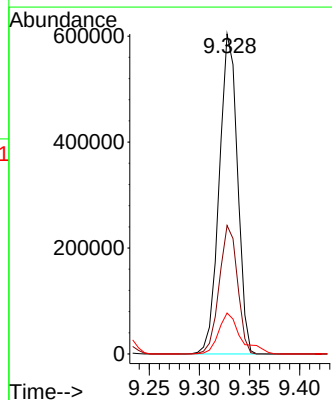
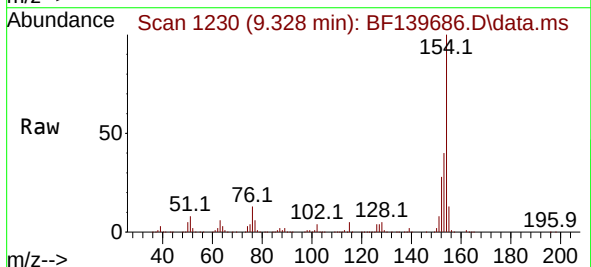
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

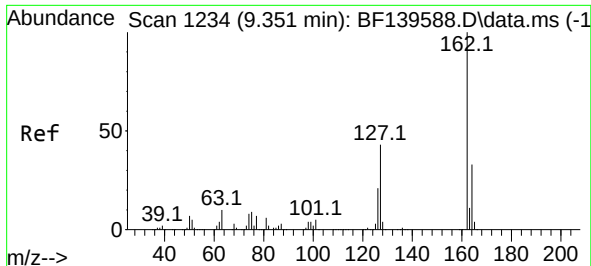
Tgt Ion:172 Resp: 1258779
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 49.524 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:154 Resp: 763977
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 12.8 0.0 32.6





#47

2-Chloronaphthalene

Concen: 49.342 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

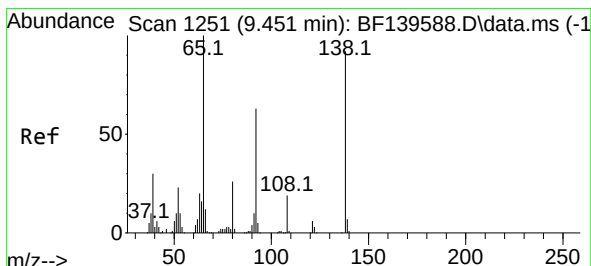
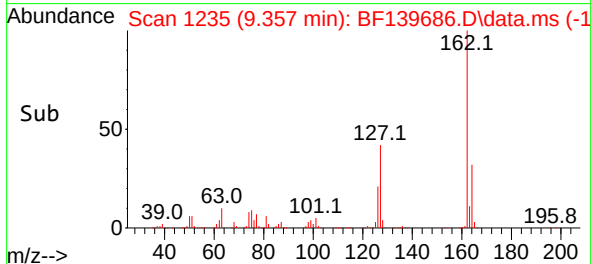
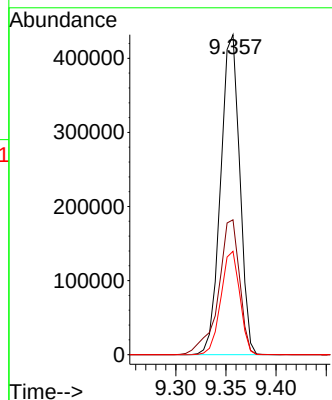
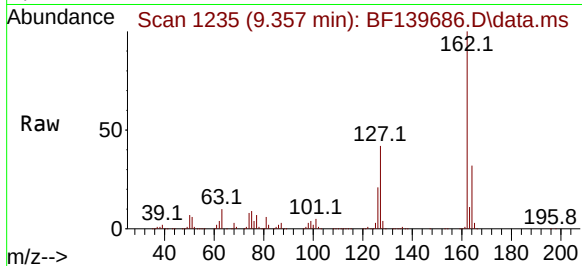
Tgt Ion:162 Resp: 570627

Ion Ratio Lower Upper

162 100

127 42.2 35.0 52.4

164 32.3 26.1 39.1



#48

2-Nitroaniline

Concen: 53.754 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

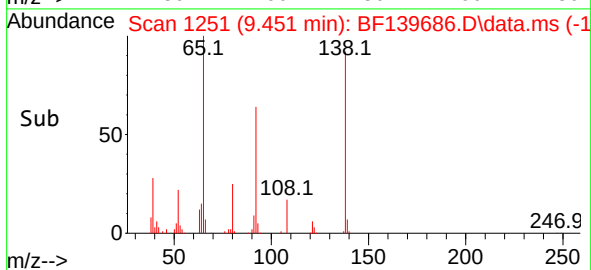
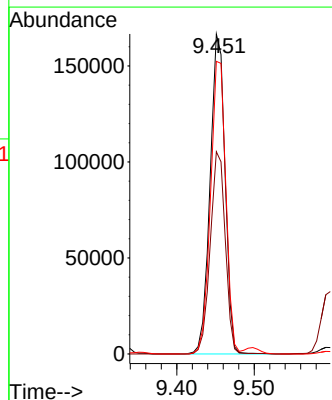
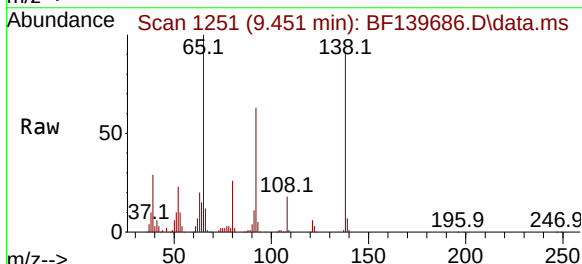
Tgt Ion: 65 Resp: 223156

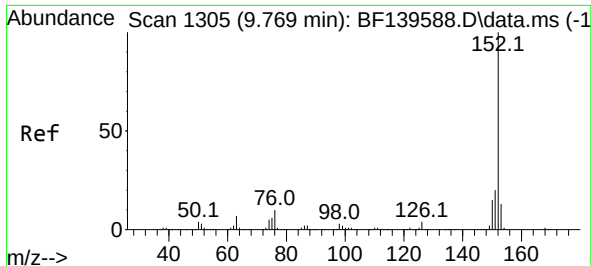
Ion Ratio Lower Upper

65 100

92 63.2 50.0 75.0

138 91.5 73.8 110.8





#49

Acenaphthylene

Concen: 54.313 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

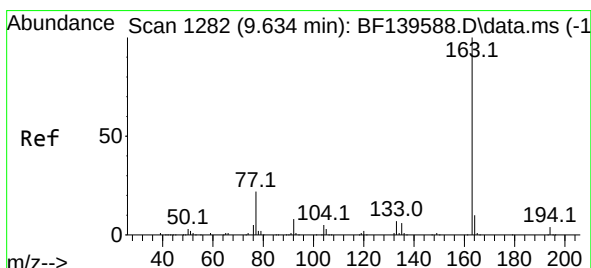
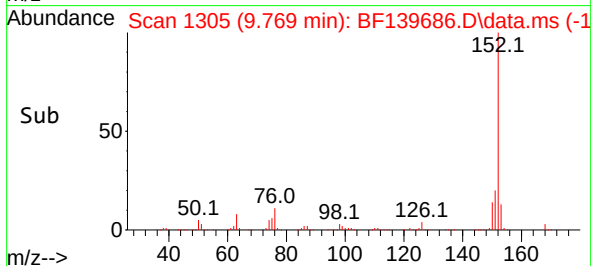
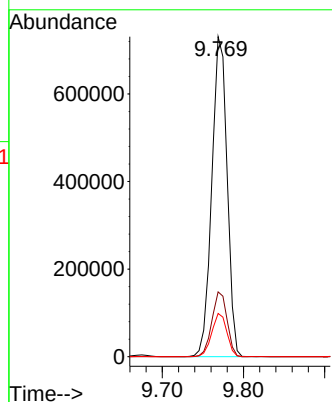
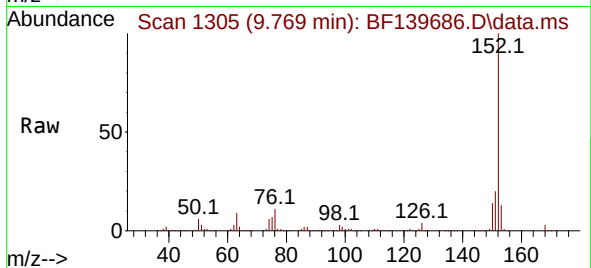
Tgt Ion:152 Resp: 955228

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.5 10.5 15.7



#50

Dimethylphthalate

Concen: 52.843 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

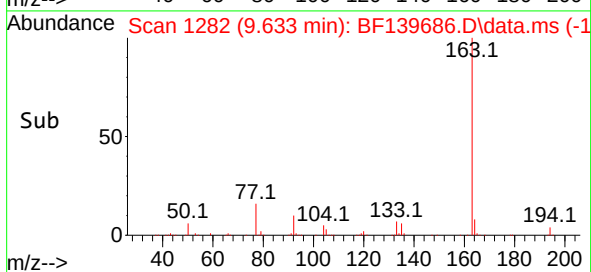
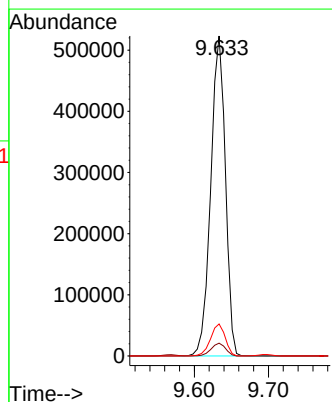
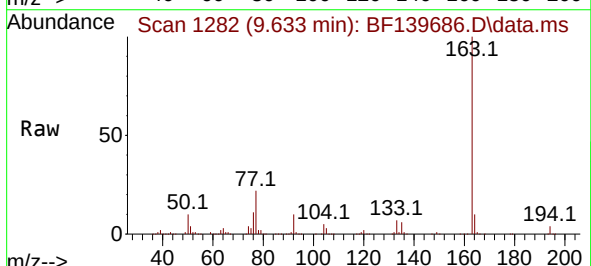
Tgt Ion:163 Resp: 717460

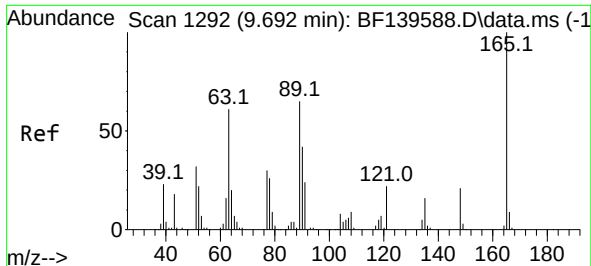
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.0 8.1 12.1

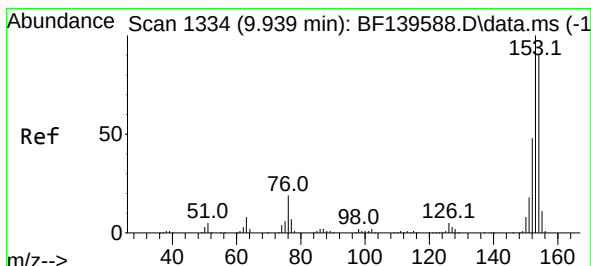
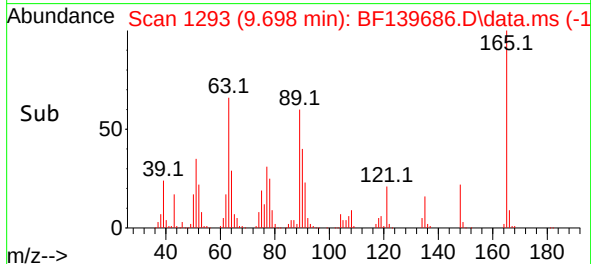
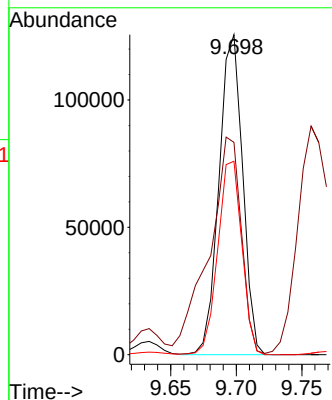
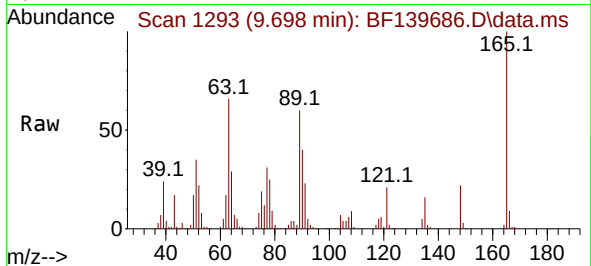




#51
2,6-Dinitrotoluene
Concen: 51.229 ng
RT: 9.698 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

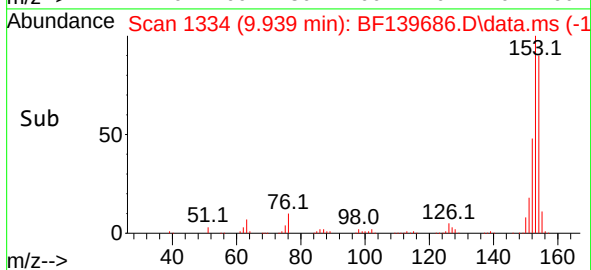
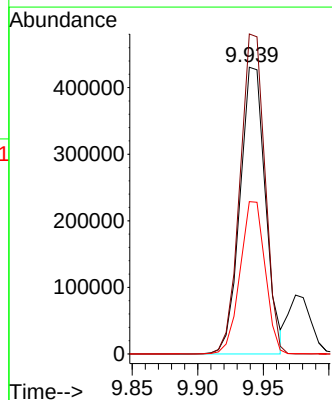
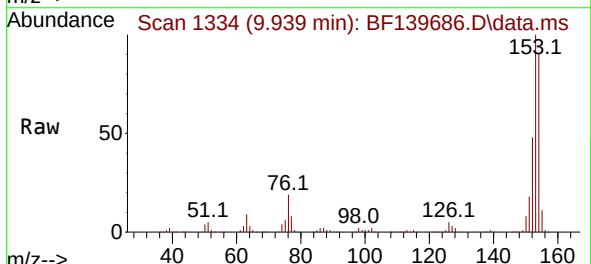
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

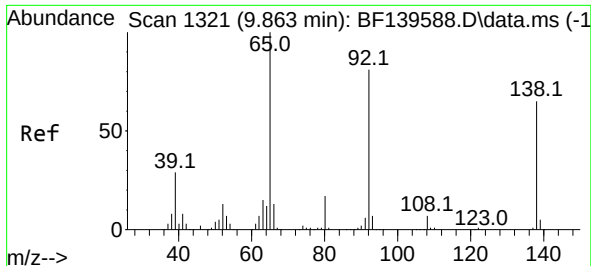
Tgt Ion:165 Resp: 157120
Ion Ratio Lower Upper
165 100
63 66.3 56.7 85.1
89 60.5 51.6 77.4



#52
Acenaphthene
Concen: 48.199 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:154 Resp: 581939
Ion Ratio Lower Upper
154 100
153 111.6 88.8 133.2
152 53.1 42.5 63.7

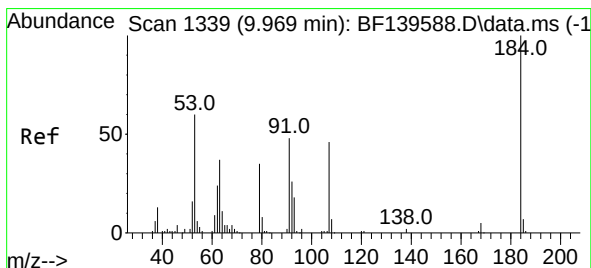
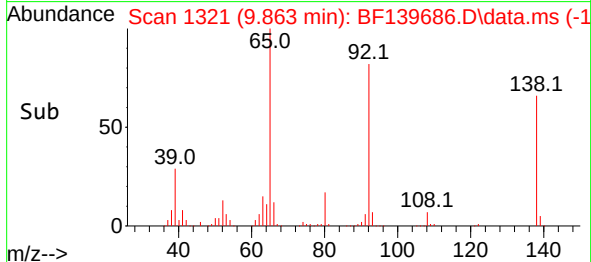
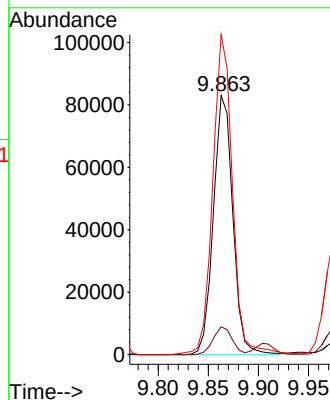
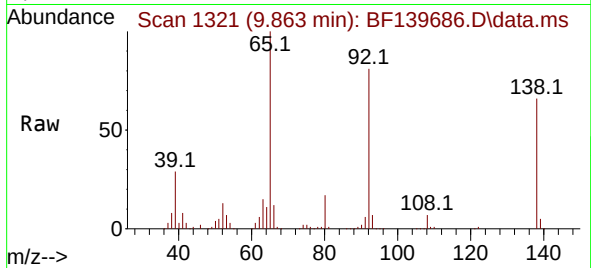




#53
3-Nitroaniline
Concen: 35.727 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

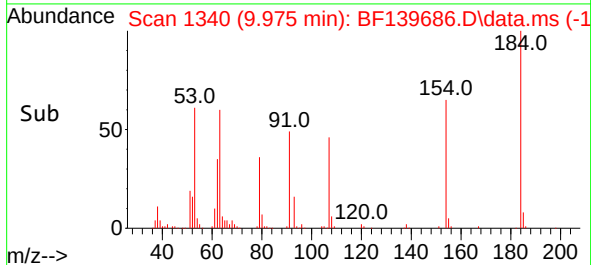
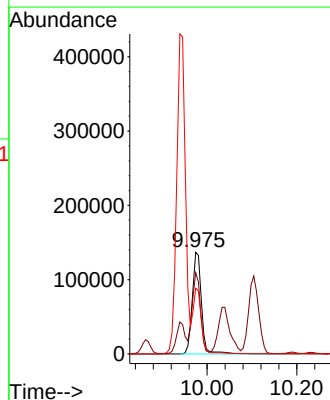
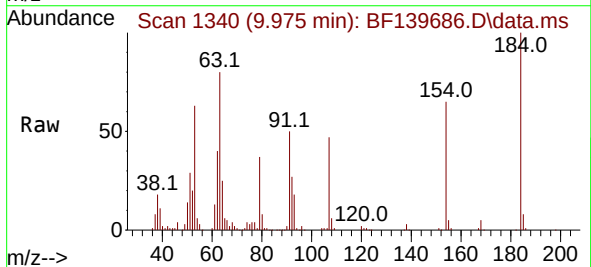
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

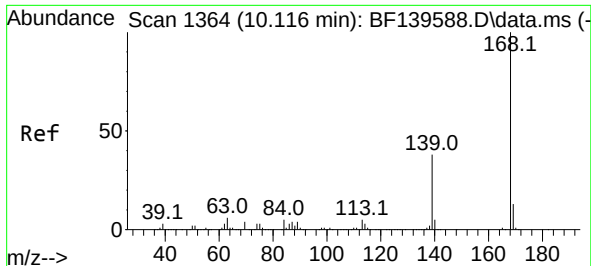
Tgt Ion:138 Resp: 111977
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 123.5 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 118.769 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:184 Resp: 195925
Ion Ratio Lower Upper
184 100
63 80.0 61.7 92.5
154 64.7 53.0 79.4

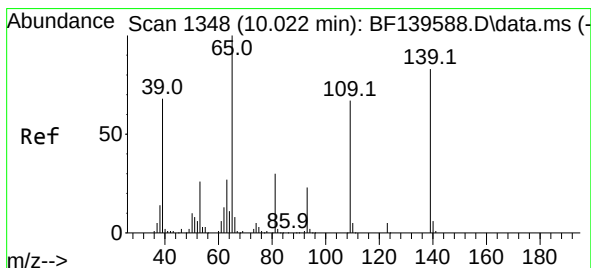
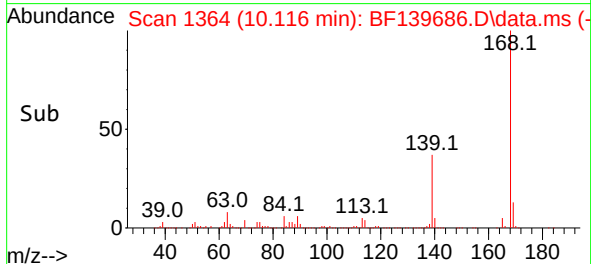
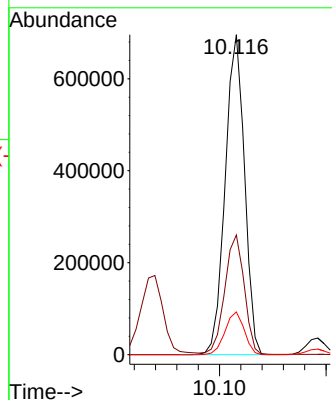
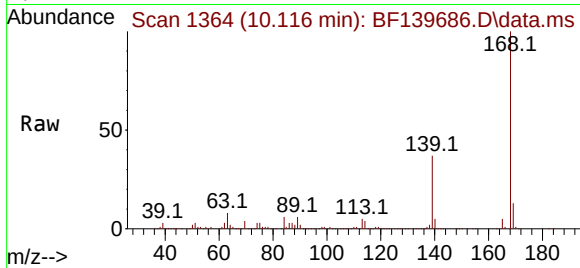




#55
Dibenzofuran
Concen: 51.727 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

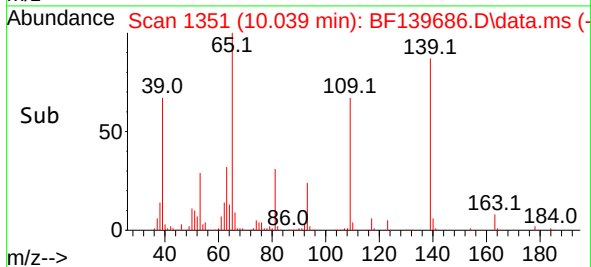
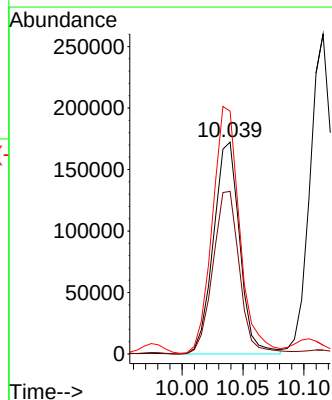
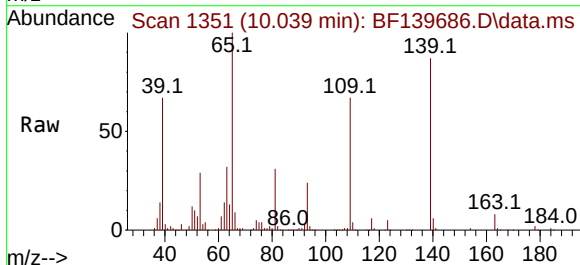
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

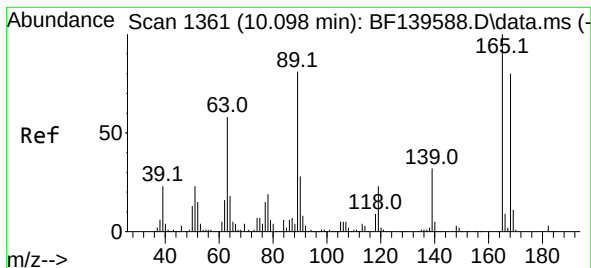
Tgt Ion:168 Resp: 874443
Ion Ratio Lower Upper
168 100
139 37.4 30.4 45.6
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 108.139 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.018 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:139 Resp: 258464
Ion Ratio Lower Upper
139 100
109 76.7 60.3 100.3
65 114.6 100.8 140.8

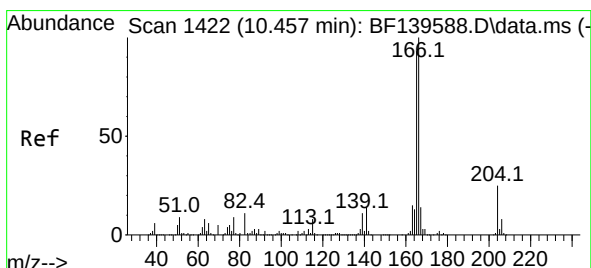
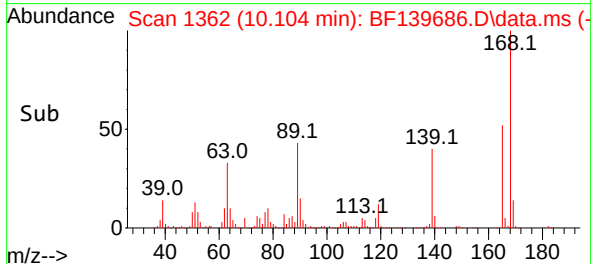
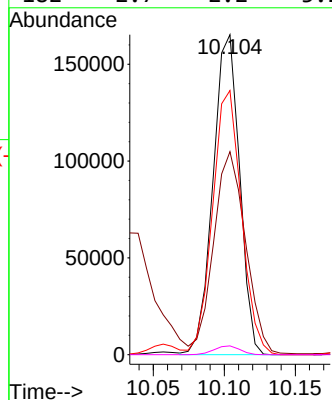
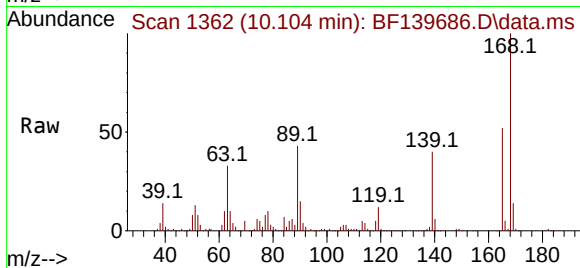




#57
2,4-Dinitrotoluene
Concen: 53.489 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

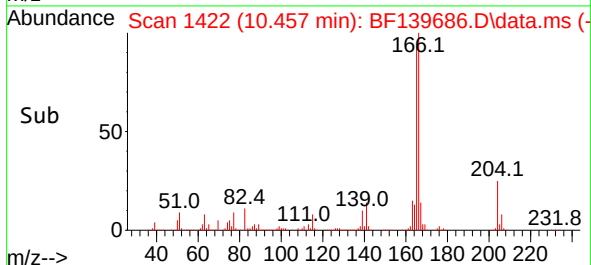
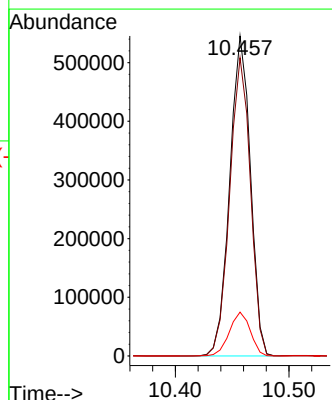
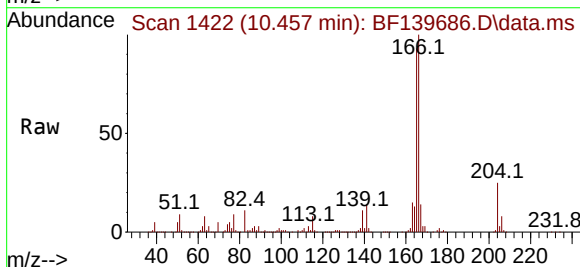
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

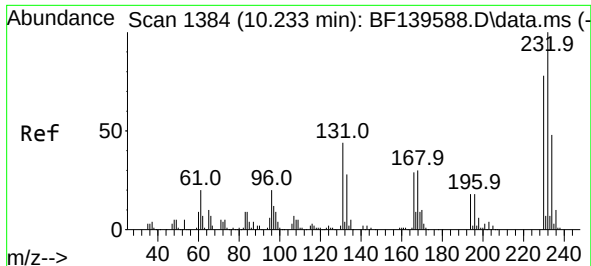
Tgt Ion:165 Resp: 214433
Ion Ratio Lower Upper
165 100
63 63.5 46.9 70.3
89 82.5 64.4 96.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 51.288 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:166 Resp: 690561
Ion Ratio Lower Upper
166 100
165 93.2 74.4 111.6
167 13.7 10.9 16.3



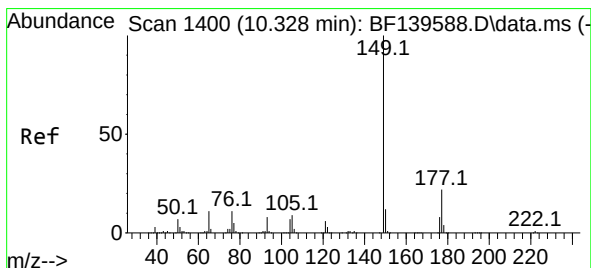
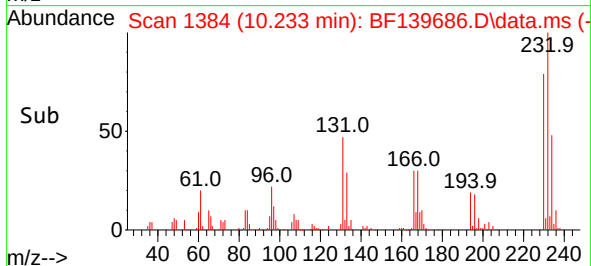
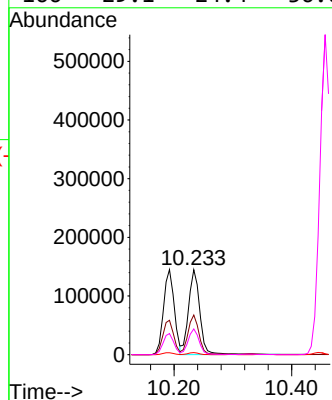
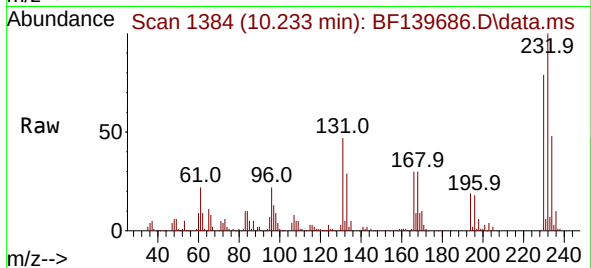


#59
2,3,4,6-Tetrachlorophenol
Concen: 56.865 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Instrument :
BNA_F
ClientSampleId :
PB163902BSD

Tgt Ion:232 Resp: 192307

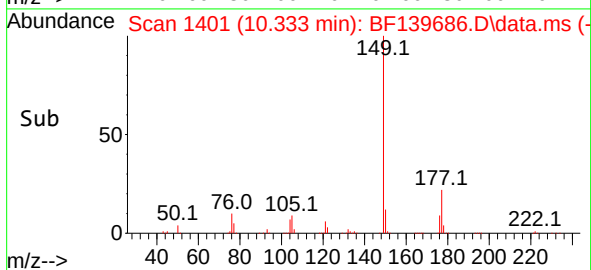
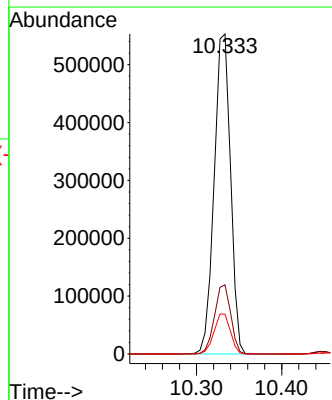
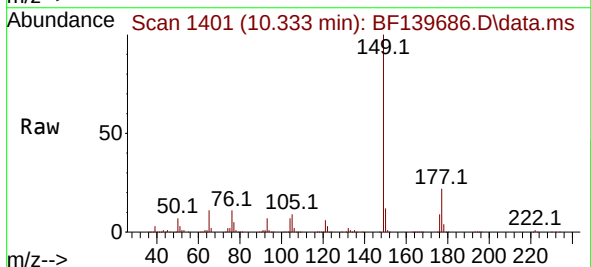
Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.8	56.6
130	2.4	1.9	2.9
166	29.1	24.4	36.6

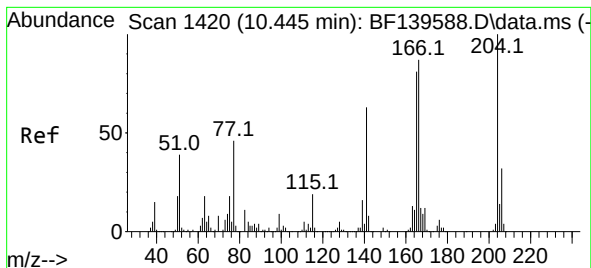


#60
Diethylphthalate
Concen: 52.576 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:149 Resp: 737307

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.0
150	12.4	10.0	15.0

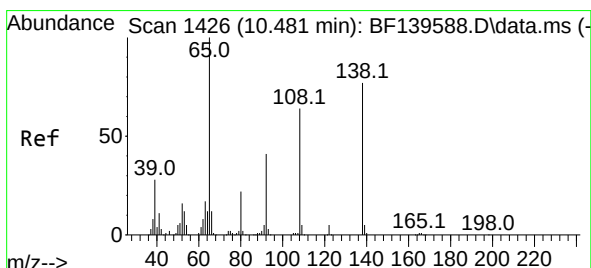
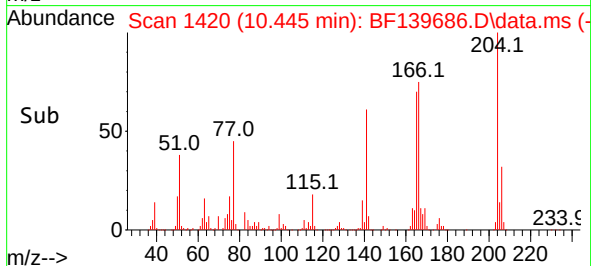
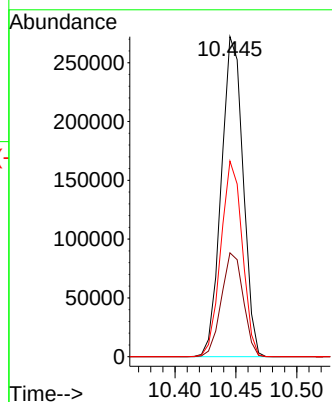
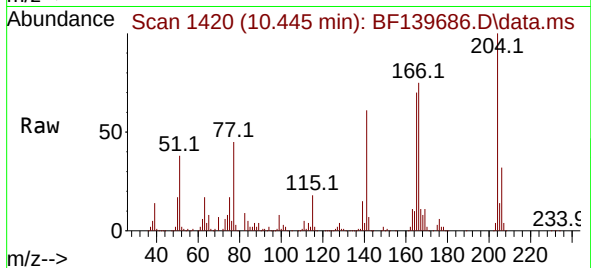




#61
4-Chlorophenyl-phenylether
Concen: 50.294 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

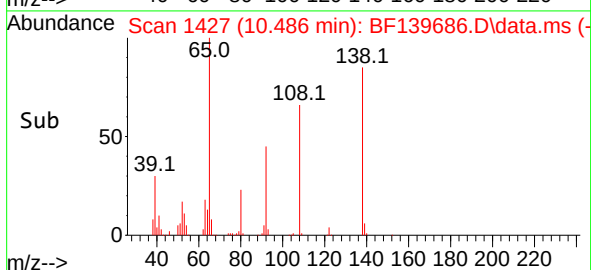
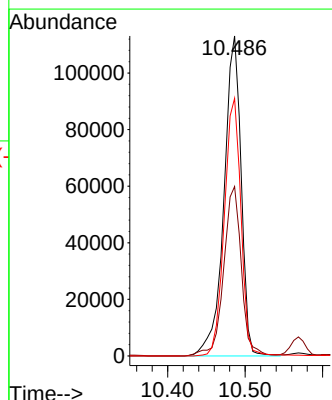
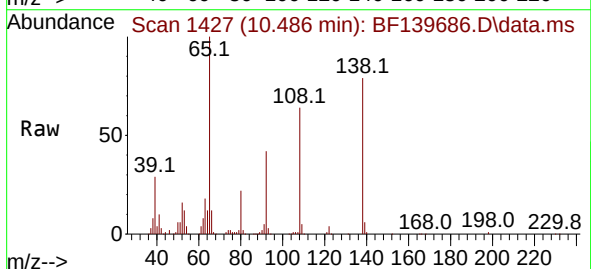
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

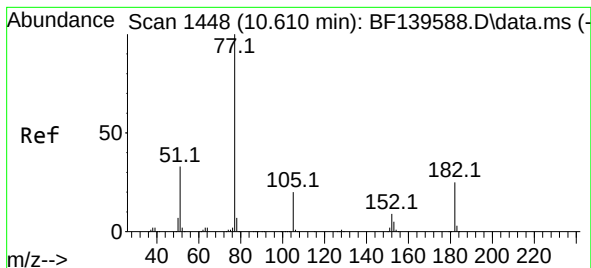
Tgt Ion:204 Resp: 338784
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 61.1 50.5 75.7



#62
4-Nitroaniline
Concen: 54.408 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:138 Resp: 174429
Ion Ratio Lower Upper
138 100
92 52.9 33.3 73.3
108 80.5 62.1 102.1





#63

Azobenzene

Concen: 52.821 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

Tgt Ion: 77 Resp: 744941

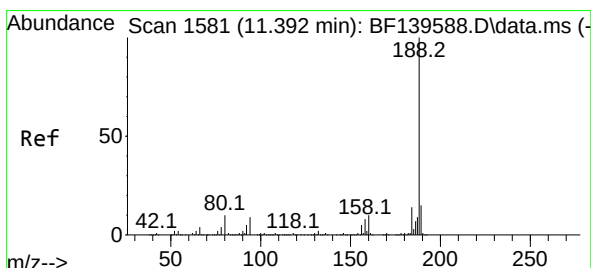
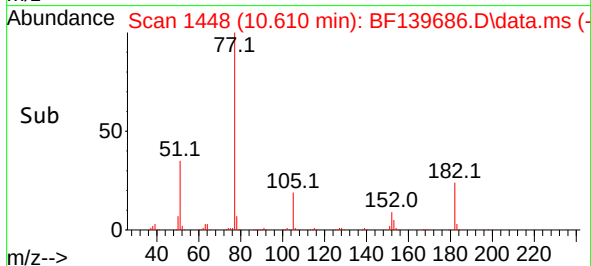
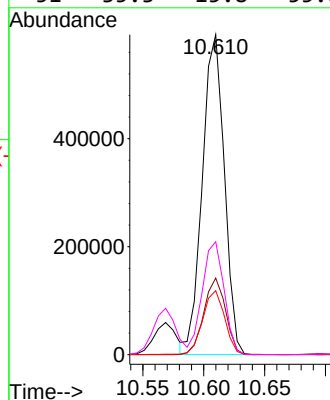
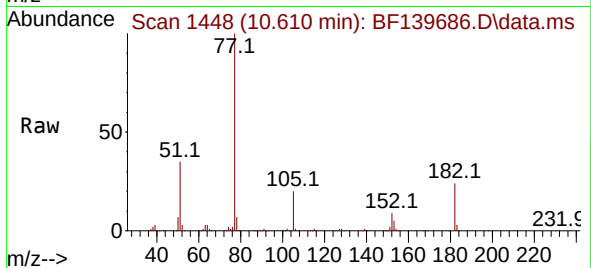
Ion Ratio Lower Upper

77 100

182 24.0 4.2 44.2

105 20.0 0.0 39.6

51 35.3 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

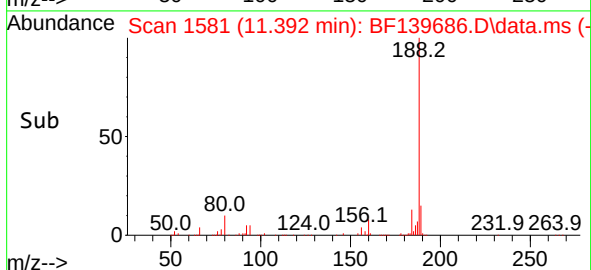
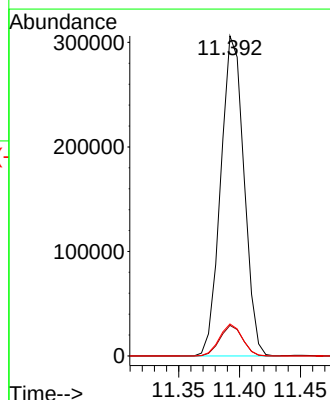
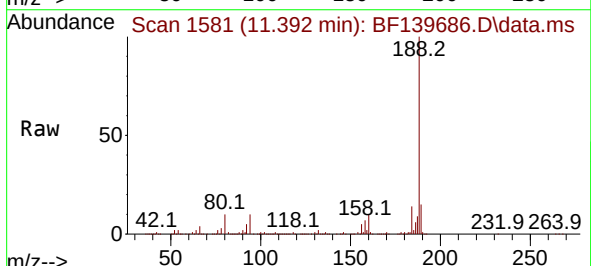
Tgt Ion: 188 Resp: 406759

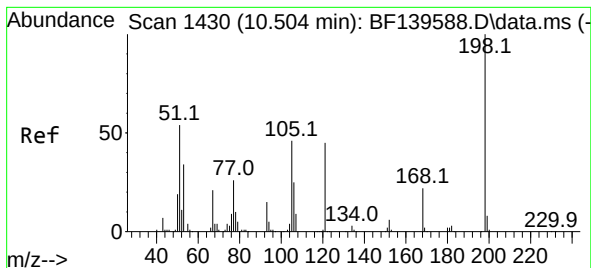
Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.0 8.2 12.2

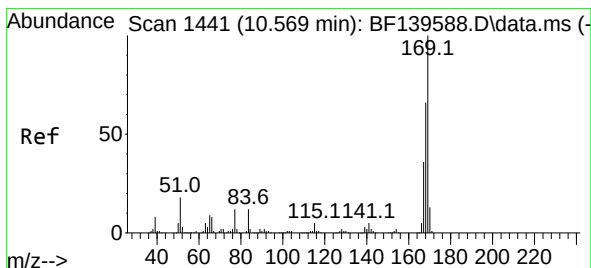
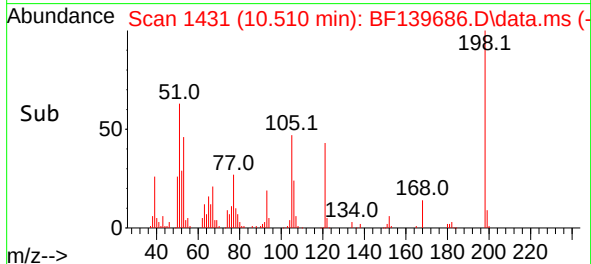
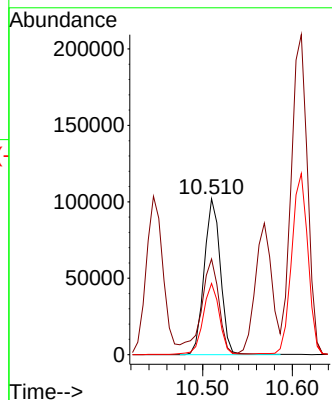
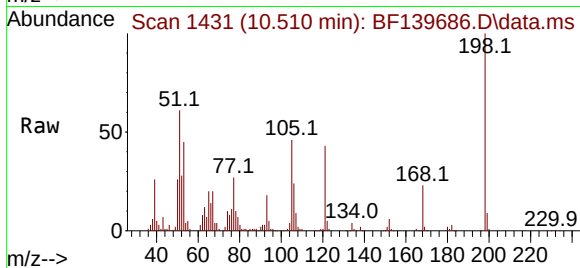




#65
4,6-Dinitro-2-methylphenol
Concen: 55.488 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

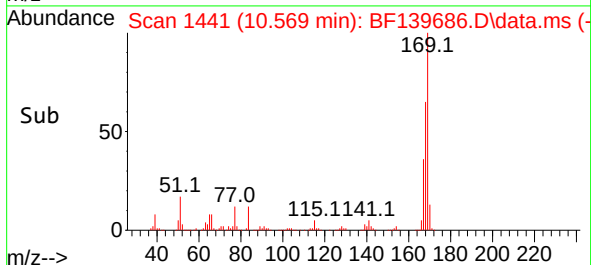
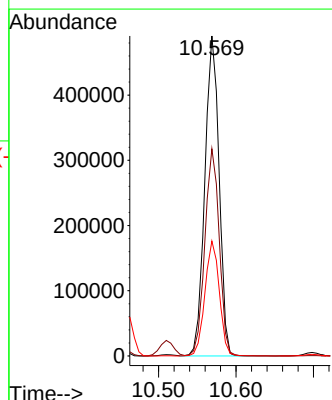
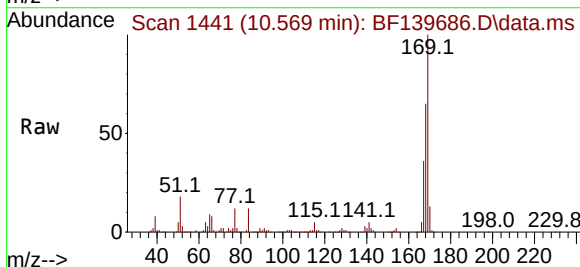
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

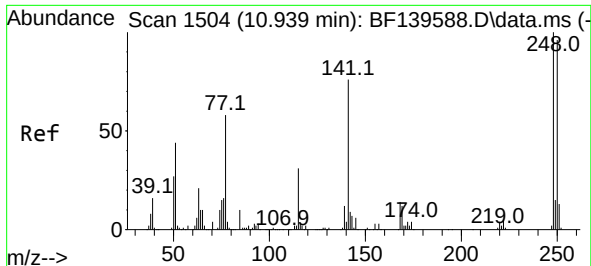
Tgt Ion:198 Resp: 127472
Ion Ratio Lower Upper
198 100
51 61.4 43.0 83.0
105 45.7 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 52.252 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:169 Resp: 626491
Ion Ratio Lower Upper
169 100
168 64.8 53.2 79.8
167 35.9 28.6 43.0

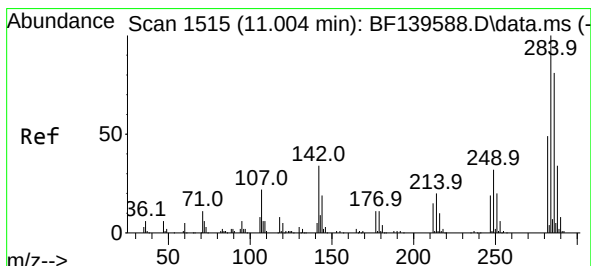
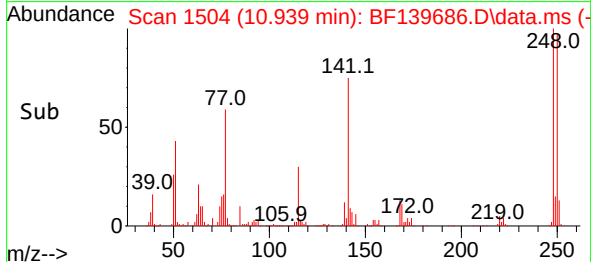
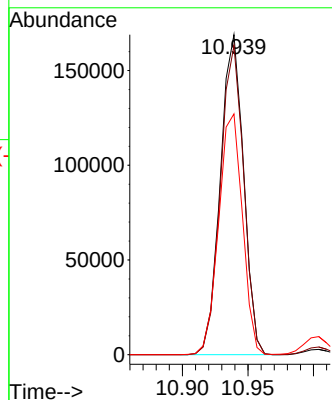
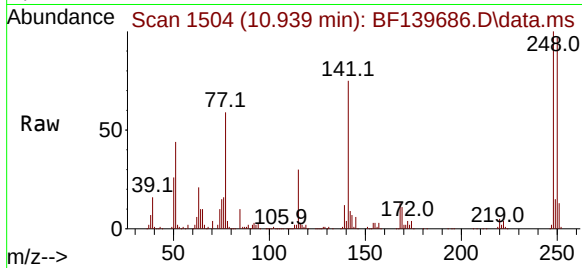




#67
4-Bromophenyl-phenylether
Concen: 49.840 ng
RT: 10.939 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

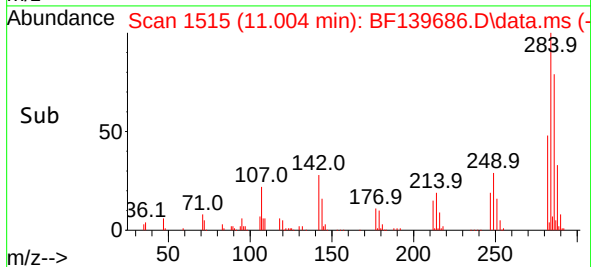
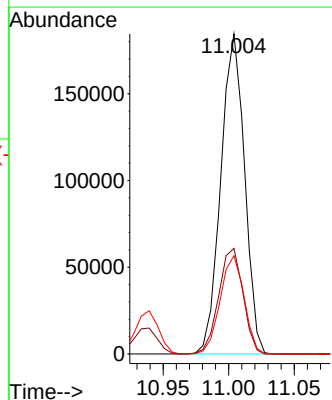
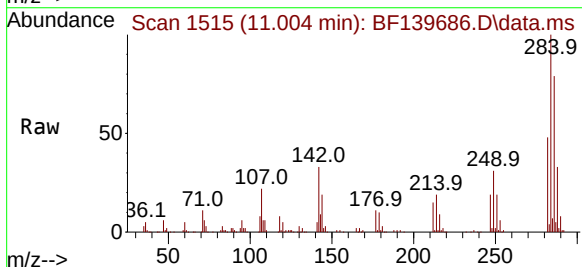
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

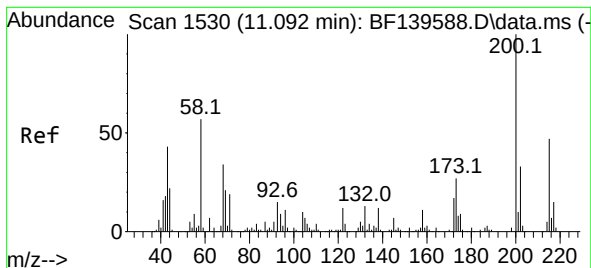
Tgt Ion:248 Resp: 207859
Ion Ratio Lower Upper
248 100
250 96.7 77.1 115.7
141 75.2 60.4 90.6



#68
Hexachlorobenzene
Concen: 50.133 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:284 Resp: 232007
Ion Ratio Lower Upper
284 100
142 33.0 26.9 40.3
249 30.7 25.4 38.0





#69

Atrazine

Concen: 63.179 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

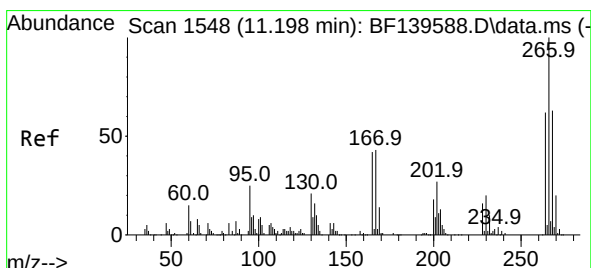
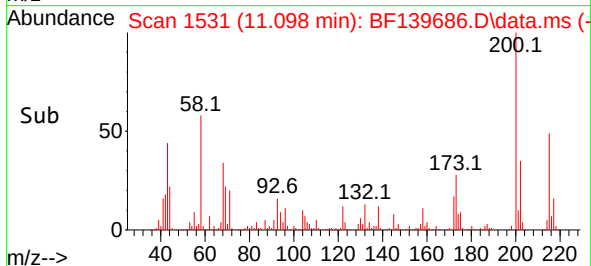
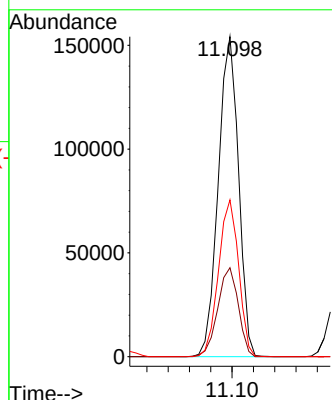
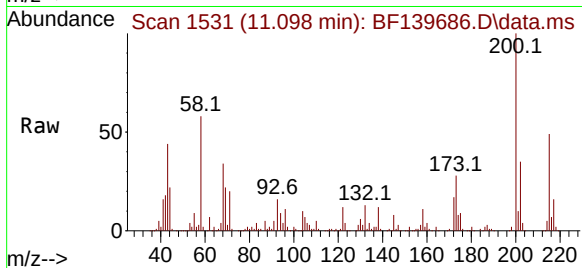
Tgt Ion:200 Resp: 203240

Ion Ratio Lower Upper

200 100

173 27.8 6.7 46.7

215 49.0 27.5 67.5



#70

Pentachlorophenol

Concen: 98.377 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

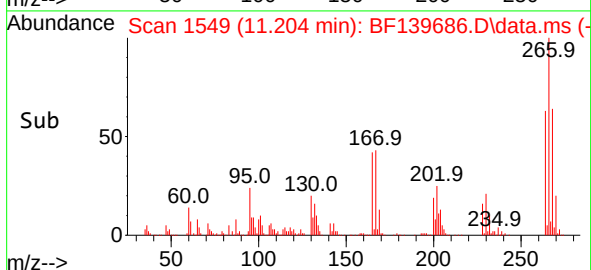
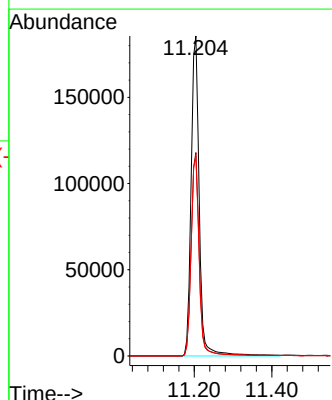
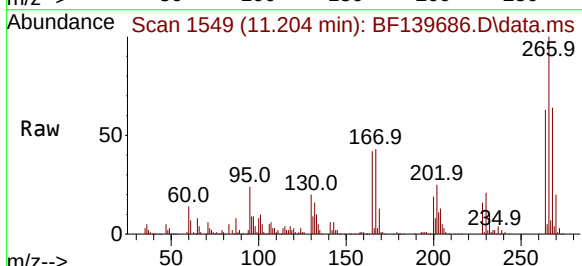
Tgt Ion:266 Resp: 271090

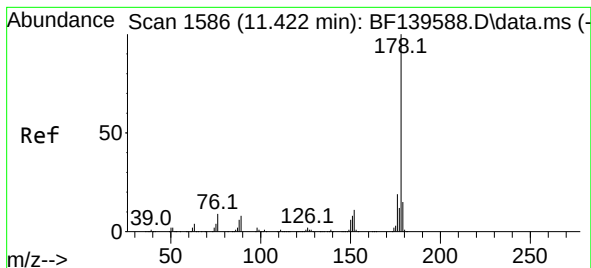
Ion Ratio Lower Upper

266 100

268 63.5 50.0 75.0

264 62.5 49.3 73.9





#71

Phenanthrene

Concen: 52.796 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

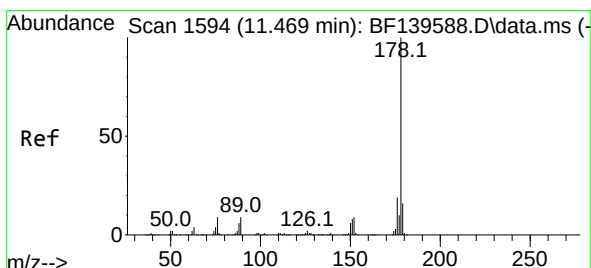
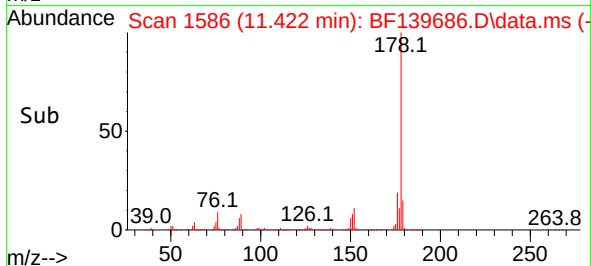
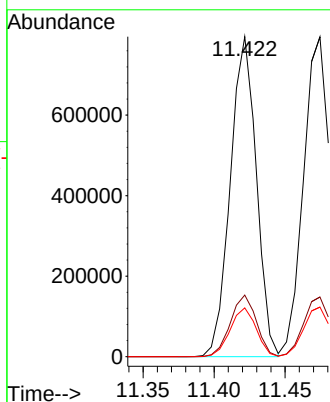
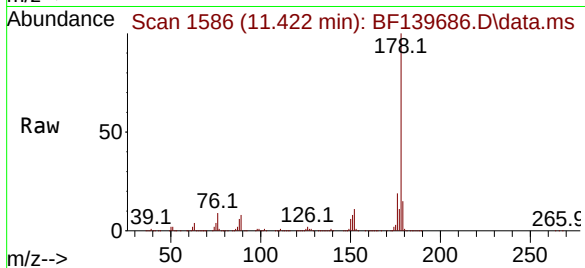
Tgt Ion:178 Resp: 1012567

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.3 12.3 18.5



#72

Anthracene

Concen: 54.540 ng

RT: 11.475 min Scan# 1595

Delta R.T. 0.006 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

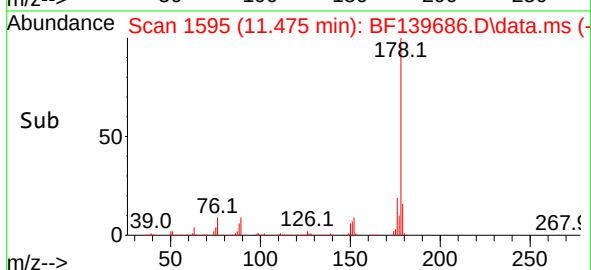
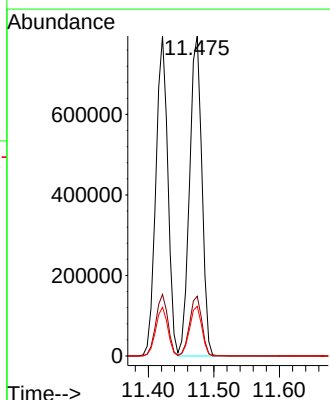
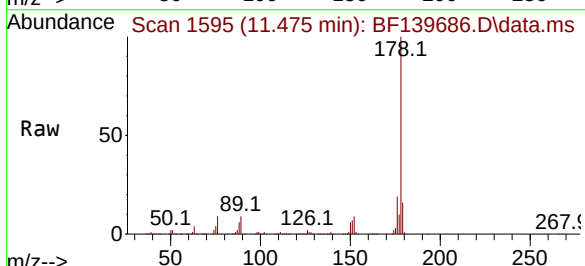
Tgt Ion:178 Resp: 1034837

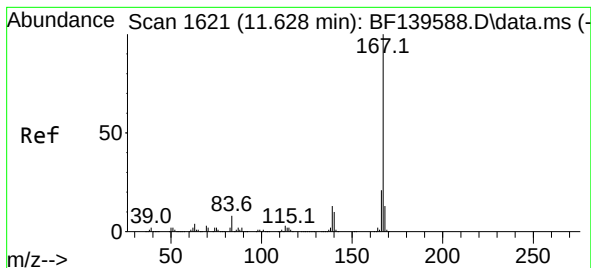
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.5 12.5 18.7





#73

Carbazole

Concen: 52.813 ng

RT: 11.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

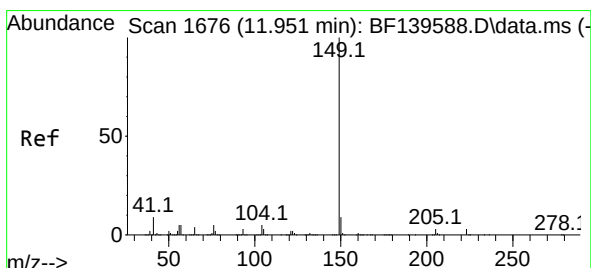
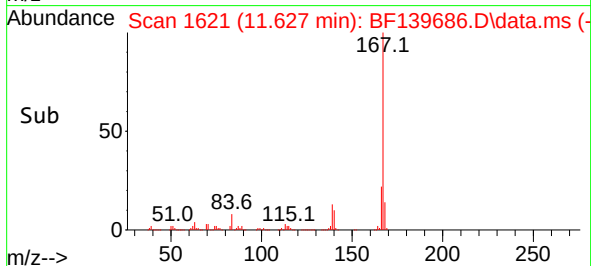
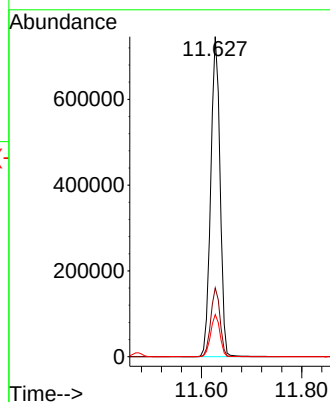
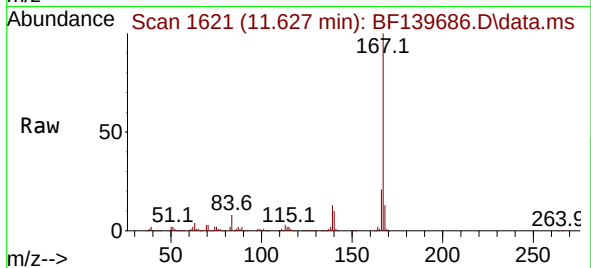
Tgt Ion:167 Resp: 962441

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.2 10.3 15.5



#74

Di-n-butylphthalate

Concen: 53.550 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

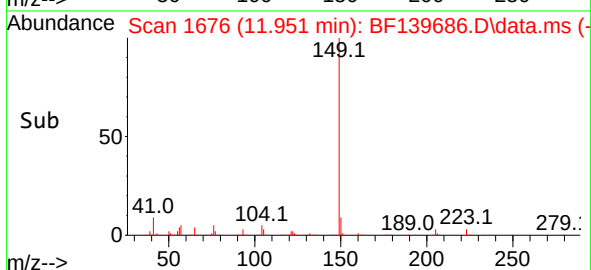
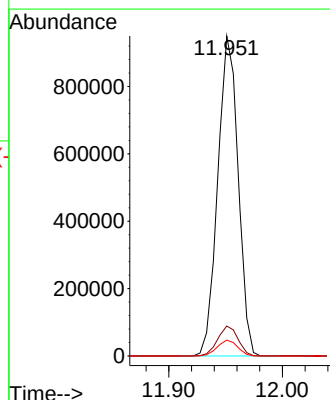
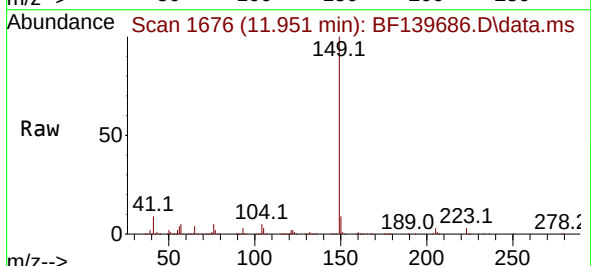
Tgt Ion:149 Resp: 1186689

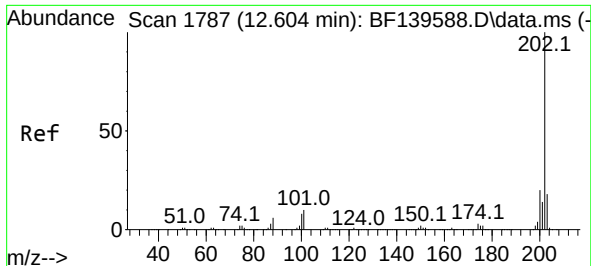
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.0 4.1 6.1

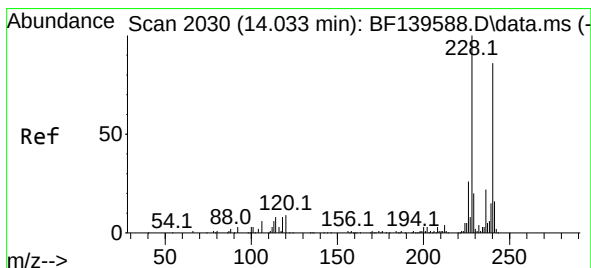
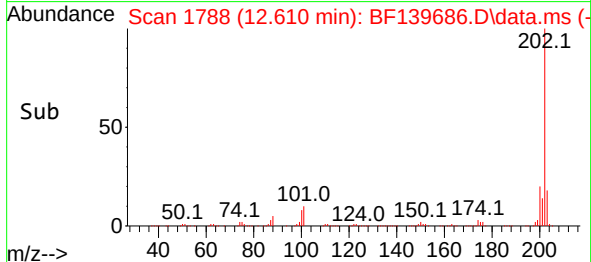
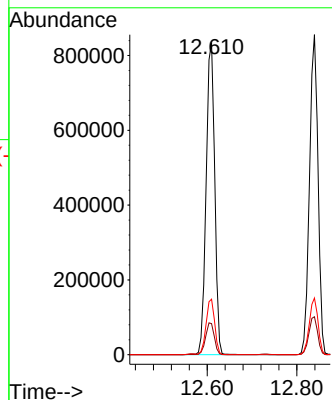
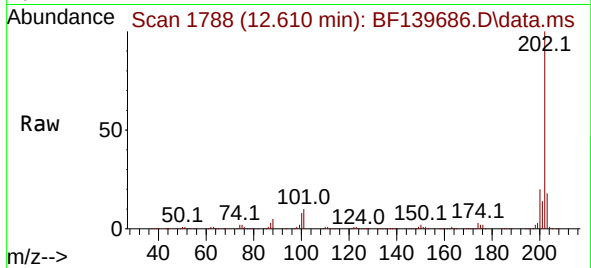




#75
Fluoranthene
Concen: 52.847 ng
RT: 12.610 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

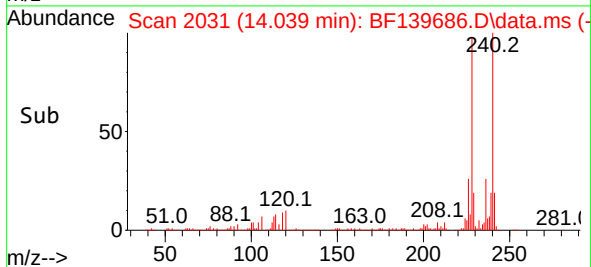
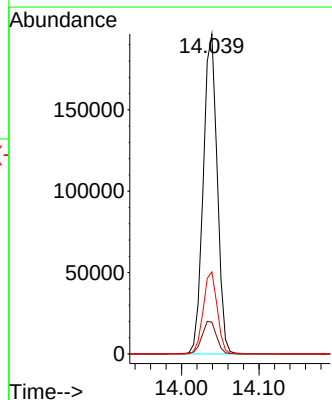
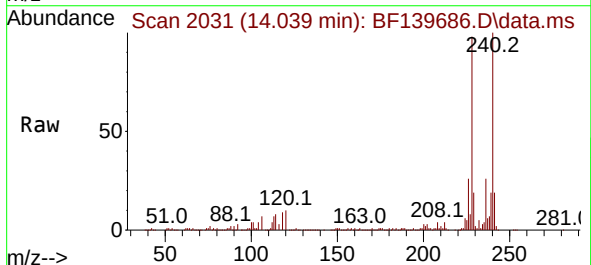
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

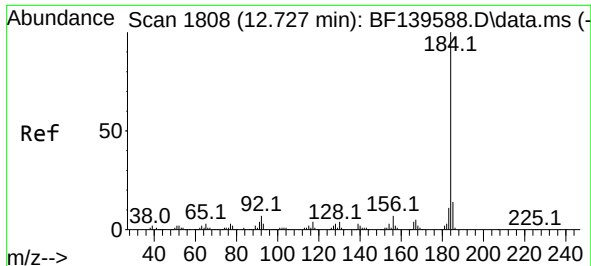
Tgt Ion:202 Resp: 1107969
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:240 Resp: 246141
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.6 20.3 30.5

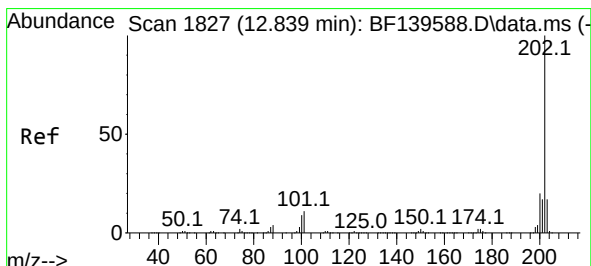
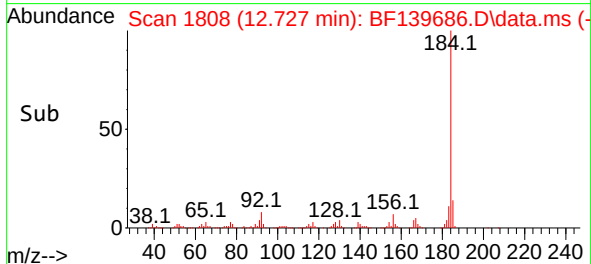
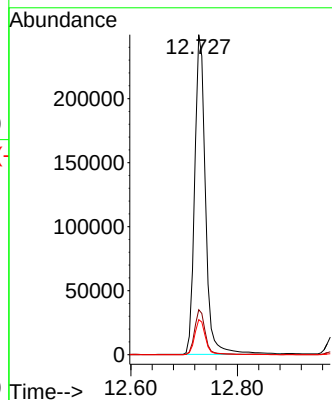
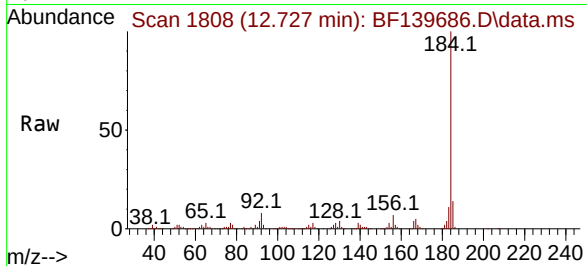




#77
Benzidine
Concen: 81.536 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

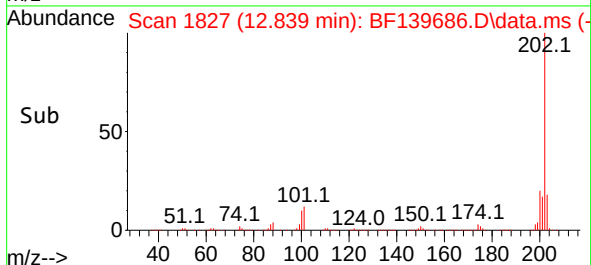
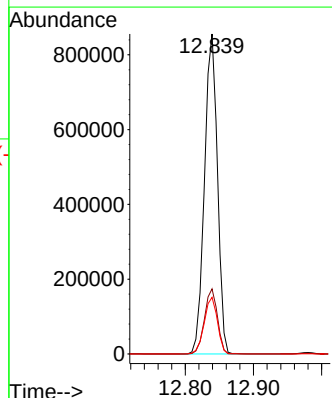
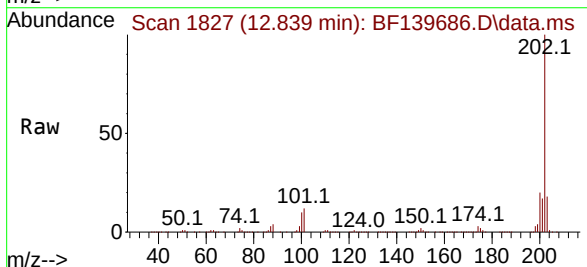
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

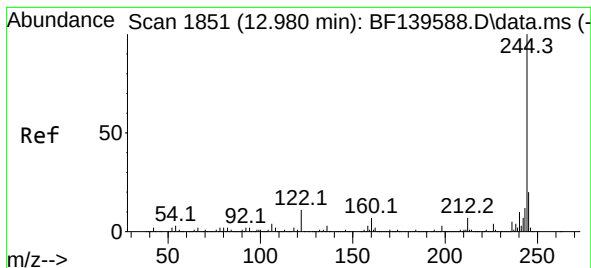
Tgt Ion:184 Resp: 353999
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.0 8.8 13.2



#78
Pyrene
Concen: 51.283 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:202 Resp: 1128984
Ion Ratio Lower Upper
202 100
200 20.3 15.8 23.6
203 17.7 13.8 20.8





#79

Terphenyl-d14

Concen: 100.023 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

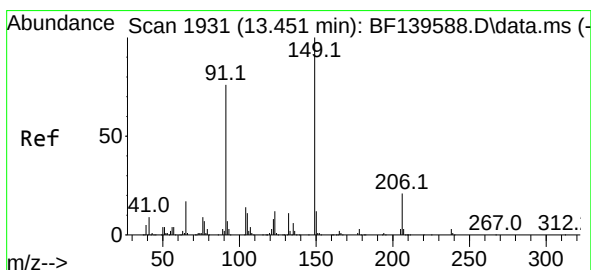
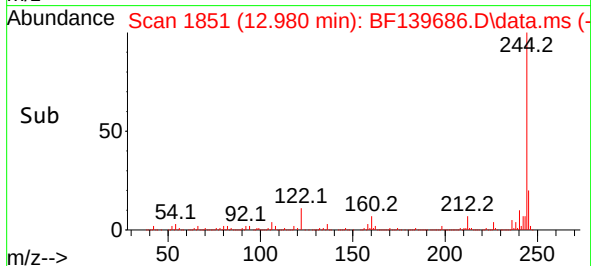
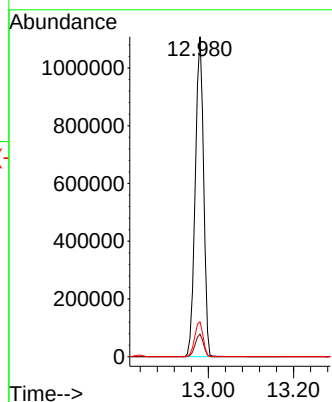
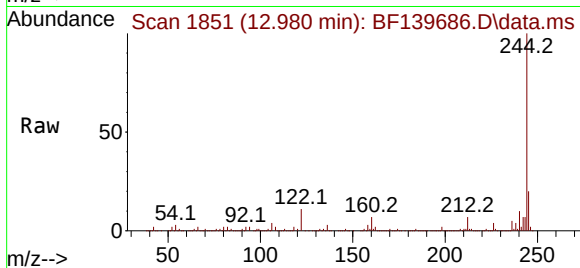
Tgt Ion:244 Resp: 1500451

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.9 8.6 12.8



#80

Butylbenzylphthalate

Concen: 58.294 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

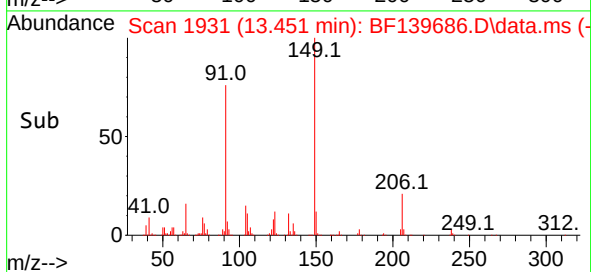
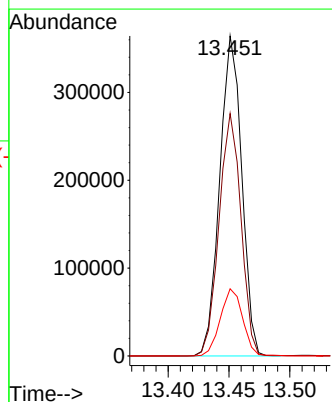
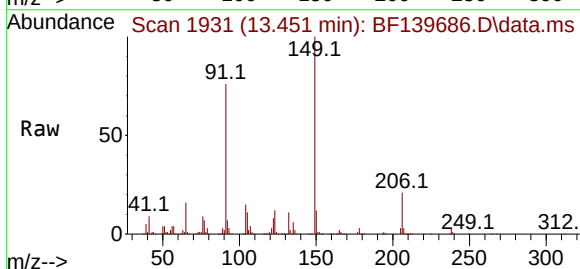
Tgt Ion:149 Resp: 459034

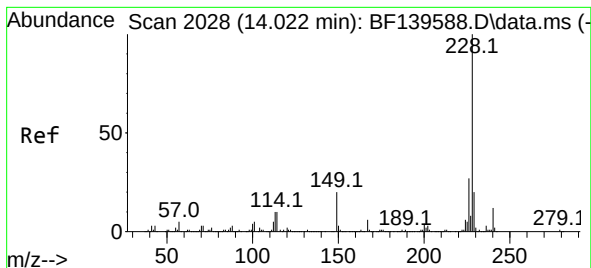
Ion Ratio Lower Upper

149 100

91 75.8 61.0 91.4

206 21.0 16.6 24.8





#81

Benzo(a)anthracene

Concen: 54.564 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

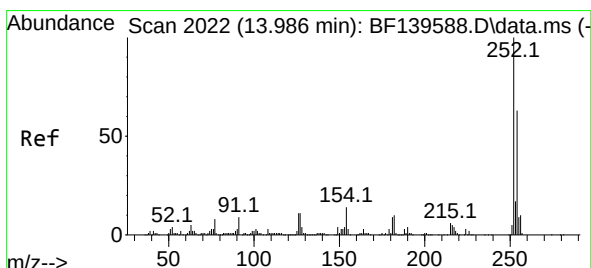
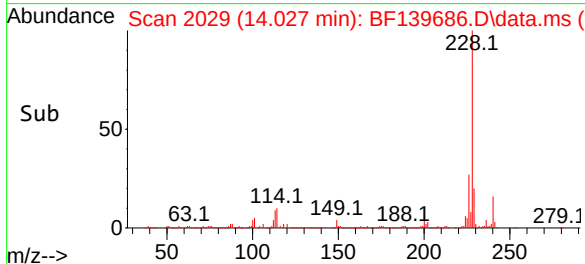
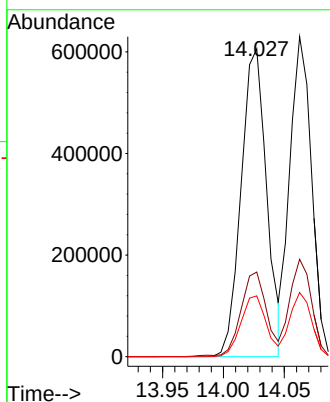
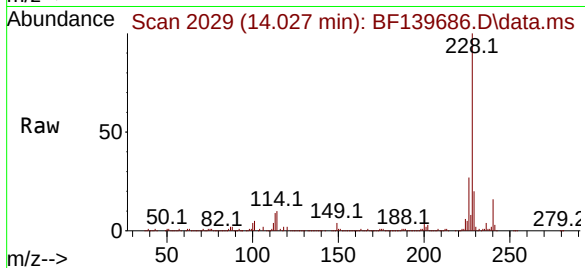
Tgt Ion:228 Resp: 883005

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 37.908 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

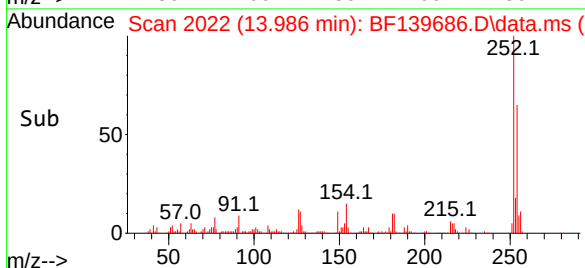
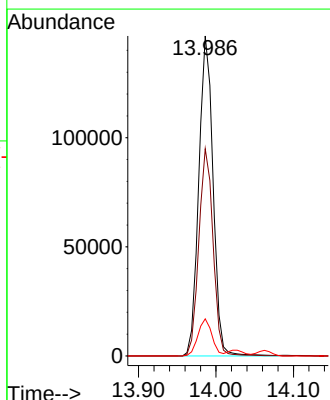
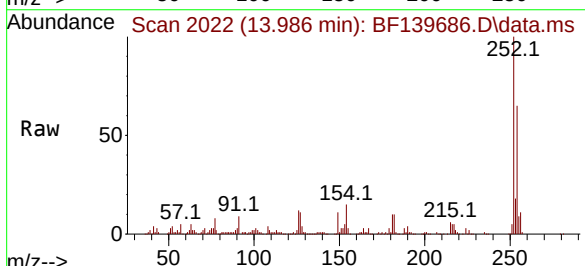
Tgt Ion:252 Resp: 187744

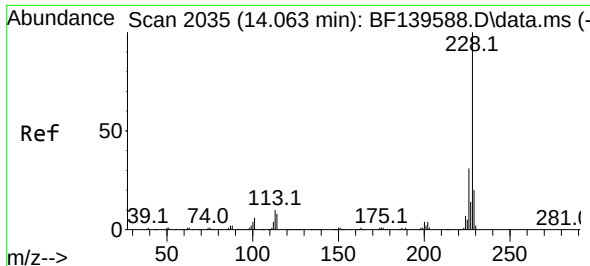
Ion Ratio Lower Upper

252 100

254 64.8 50.5 75.7

126 11.6 8.8 13.2

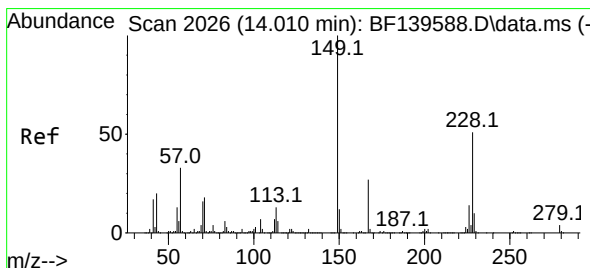
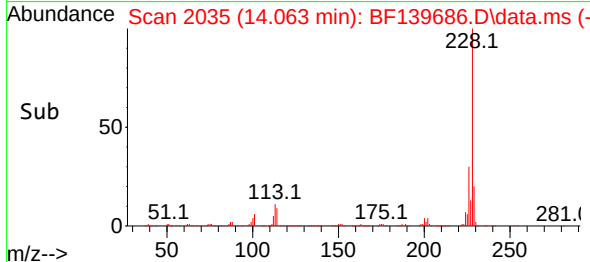
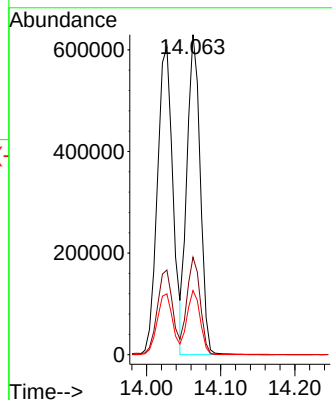
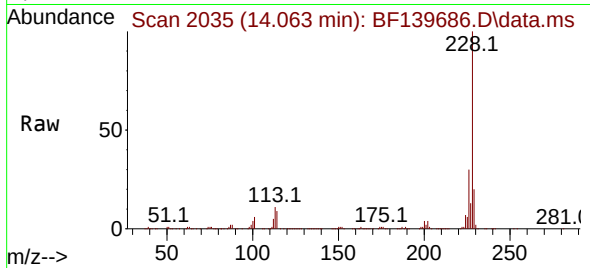




#83
Chrysene
Concen: 52.984 ng
RT: 14.063 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

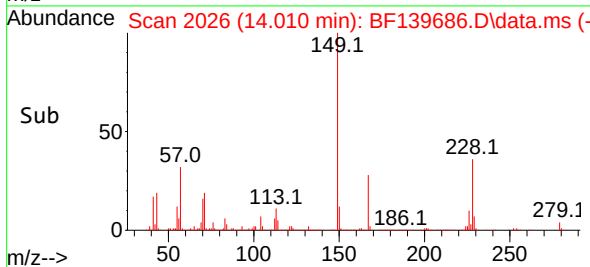
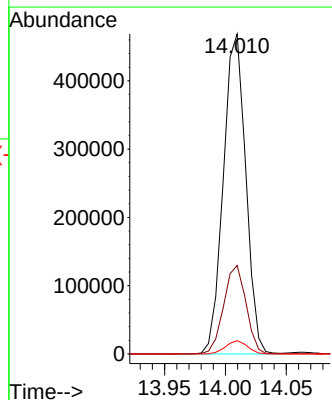
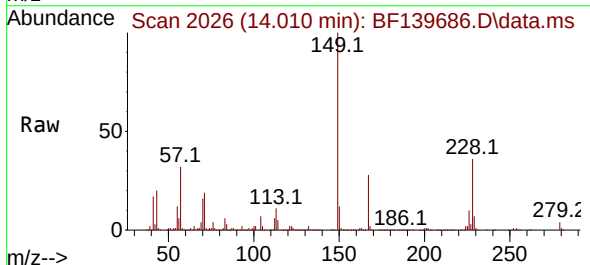
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

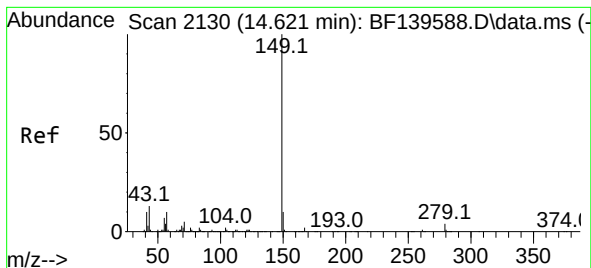
Tgt Ion:228 Resp: 783915
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 20.0 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 61.174 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:149 Resp: 601512
Ion Ratio Lower Upper
149 100
167 27.6 21.7 32.5
279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 58.490 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

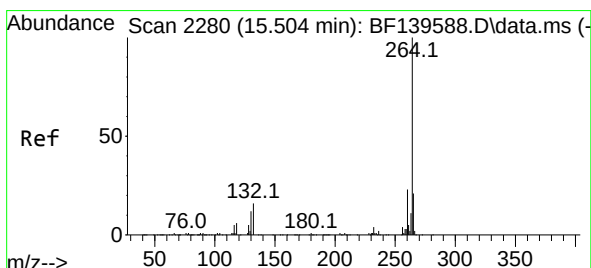
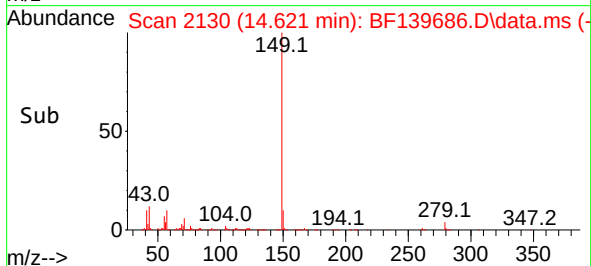
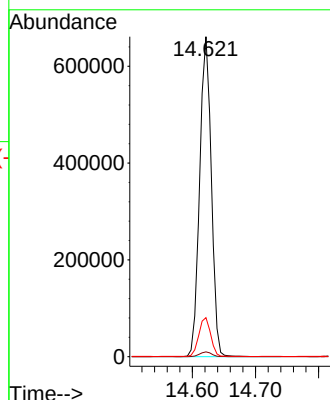
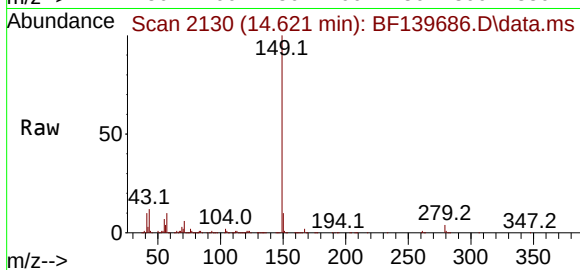
Tgt Ion:149 Resp: 844914

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.3 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

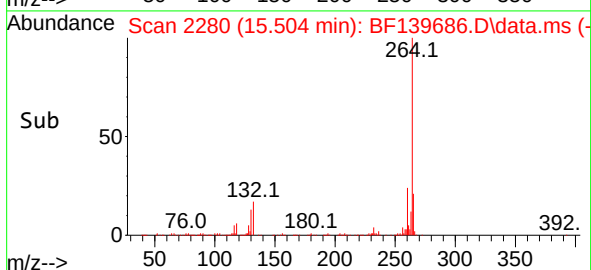
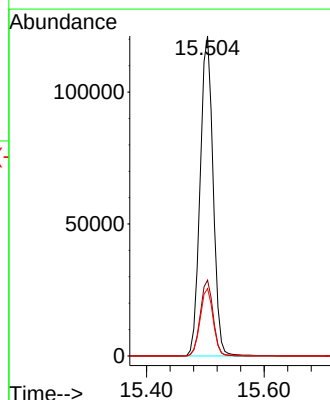
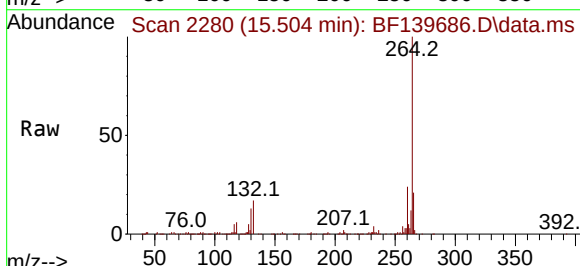
Tgt Ion:264 Resp: 185329

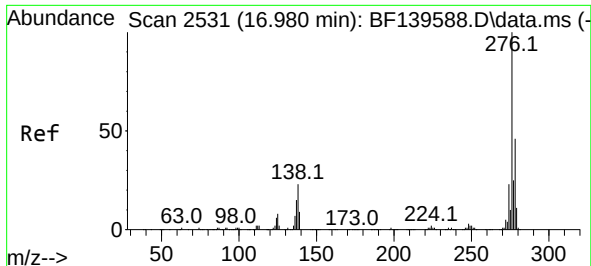
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.1 16.9 25.3

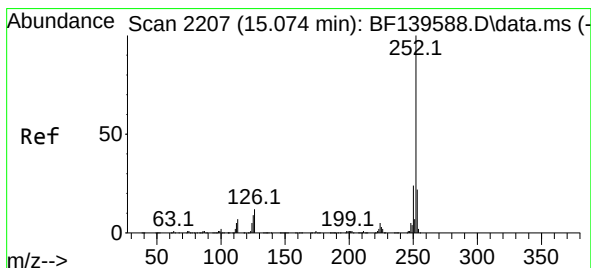
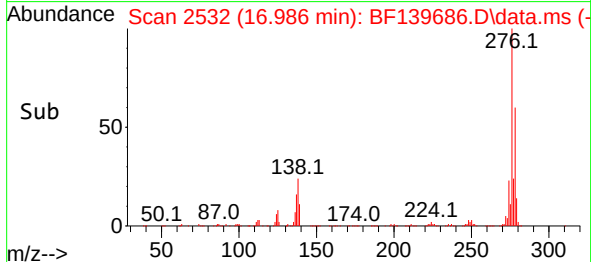
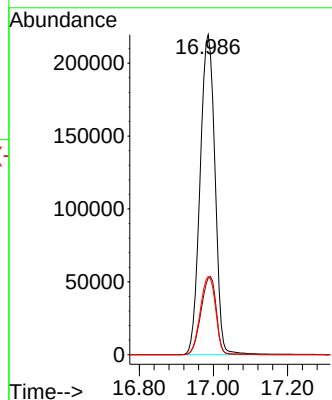
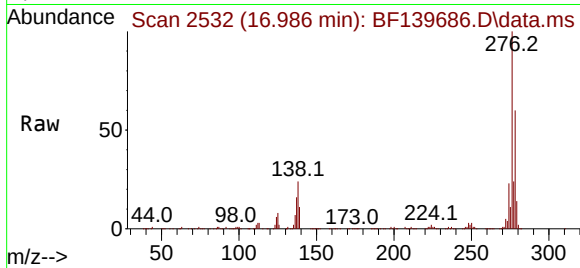




#87
Indeno(1,2,3-cd)pyrene
Concen: 56.134 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

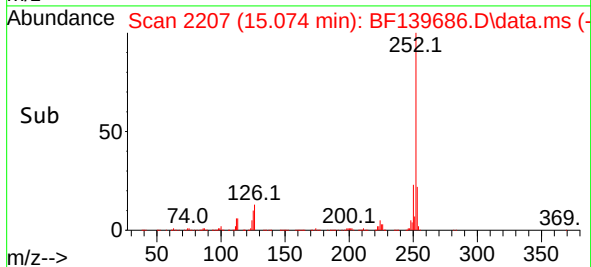
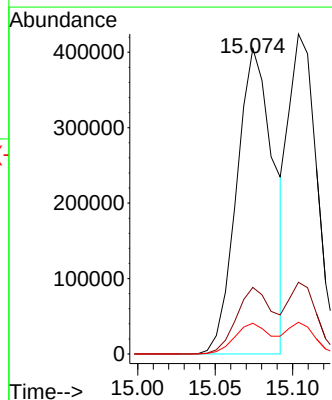
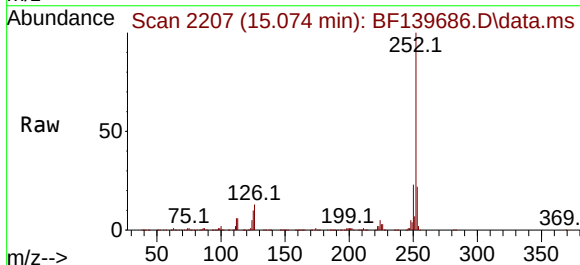
Instrument :
BNA_F
ClientSampleId :
PB163902BSD

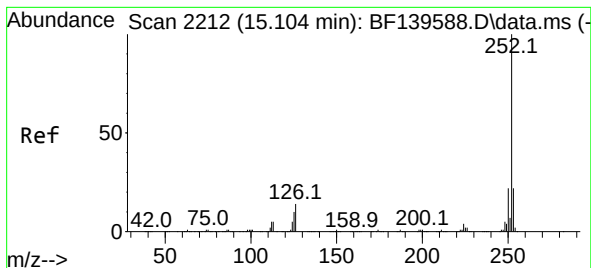
Tgt Ion:276 Resp: 612314
Ion Ratio Lower Upper
276 100
138 24.9 19.4 29.0
277 25.1 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 55.898 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:252 Resp: 669831
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 53.134 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB163902BSD

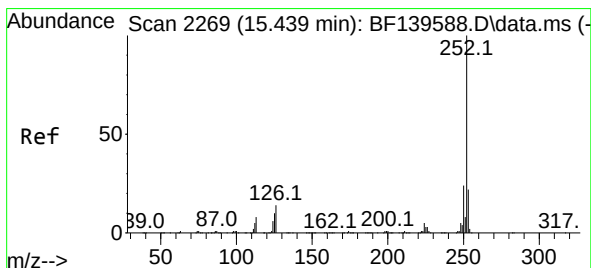
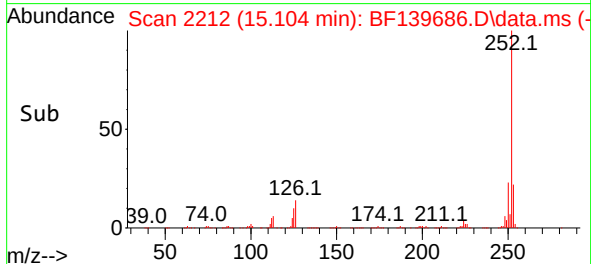
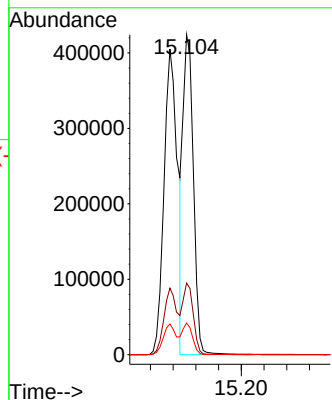
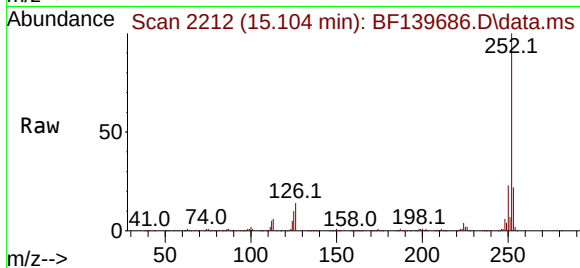
Tgt Ion:252 Resp: 540095

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 9.9 7.6 11.4



#90

Benzo(a)pyrene

Concen: 57.438 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF139686.D

Acq: 07 Oct 2024 15:04

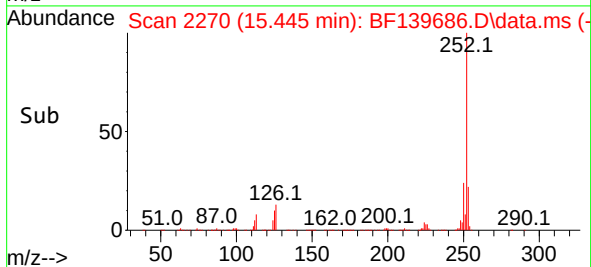
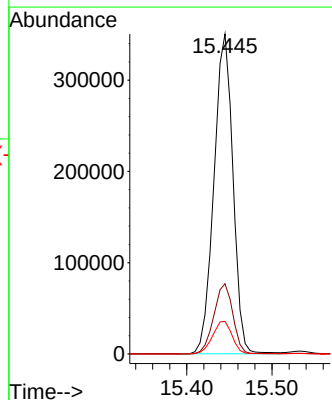
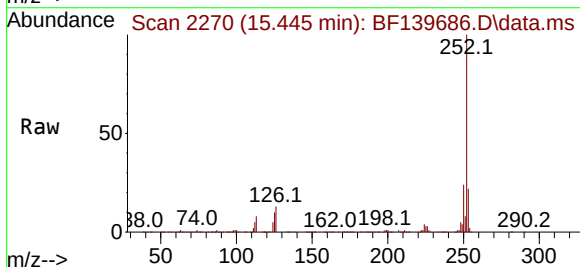
Tgt Ion:252 Resp: 542709

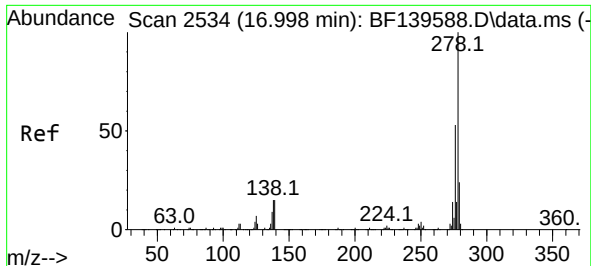
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.2 8.3 12.5

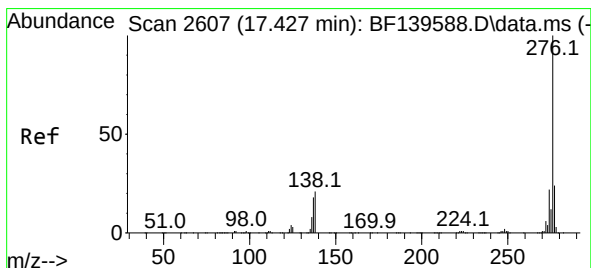
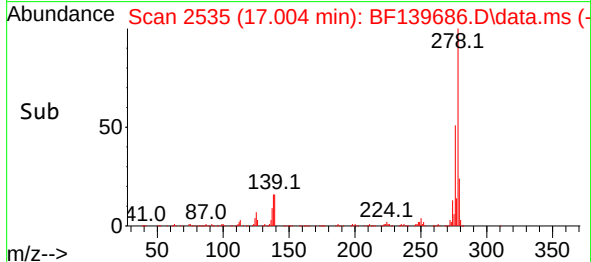
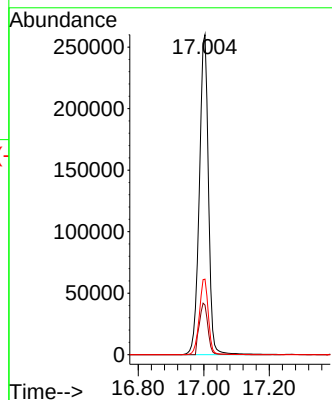
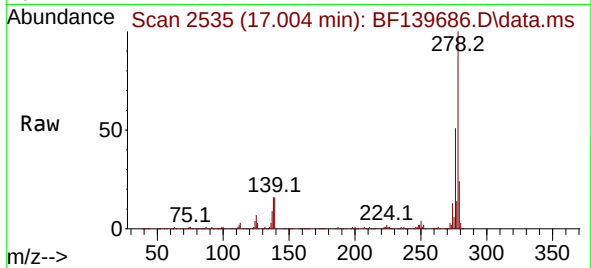




#91
Dibenzo(a,h)anthracene
Concen: 55.666 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Instrument :
BNA_F
ClientSampleId :
PB163902BSD

Tgt Ion:278 Resp: 503626
Ion Ratio Lower Upper
278 100
139 15.5 12.2 18.4
279 23.6 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 51.613 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF139686.D
Acq: 07 Oct 2024 15:04

Tgt Ion:276 Resp: 468316
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.6
138 20.4 17.0 25.6

