

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
 Data File : BF139282.D
 Acq On : 09 Sep 2024 14:45
 Operator : RC/JU
 Sample : PB163214BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163214BS

Quant Time: Sep 09 15:12:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	121524	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	451152	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	247423	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	463457	20.000	ng	0.00
76) Chrysene-d12	14.057	240	229103	20.000	ng	0.00
86) Perylene-d12	15.527	264	221245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1011327	139.217	ng	0.02
7) Phenol-d6	6.522	99	1346133	138.807	ng	0.00
23) Nitrobenzene-d5	7.457	82	866056	99.866	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	335784	157.163	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1560634	97.366	ng	0.00
79) Terphenyl-d14	13.004	244	1503770	105.977	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	127565	37.708	ng	99
3) Pyridine	3.516	79	340315	41.675	ng	99
4) n-Nitrosodimethylamine	3.481	42	239998	45.259	ng	100
6) Aniline	6.551	93	449876	50.447	ng	94
8) 2-Chlorophenol	6.675	128	373408	49.598	ng	97
9) Benzaldehyde	6.440	77	93185	15.874	ng	98
10) Phenol	6.534	94	492092	48.106	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	355291	48.481	ng	99
12) 1,3-Dichlorobenzene	6.828	146	384512	45.122	ng	98
13) 1,4-Dichlorobenzene	6.904	146	389188	45.629	ng	99
14) 1,2-Dichlorobenzene	7.057	146	373700	46.977	ng	99
15) Benzyl Alcohol	7.034	79	354788	50.165	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	693816	49.733	ng	98
17) 2-Methylphenol	7.140	107	302638	49.211	ng	98
18) Hexachloroethane	7.404	117	145429	47.739	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	278676	49.894	ng	100
20) 3+4-Methylphenols	7.292	107	375859	48.494	ng	98
22) Acetophenone	7.298	105	509058	47.363	ng	98
24) Nitrobenzene	7.475	77	419551	45.581	ng	99
25) Isophorone	7.710	82	745997	50.315	ng	100
26) 2-Nitrophenol	7.787	139	191637	53.009	ng	100
27) 2,4-Dimethylphenol	7.822	122	311454	60.407	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	430051	48.684	ng	100
29) 2,4-Dichlorophenol	8.028	162	309779	50.180	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	321964	45.665	ng	99
31) Naphthalene	8.192	128	1087912	47.617	ng	100
32) Benzoic acid	7.945	122	223826	47.660	ng	99
33) 4-Chloroaniline	8.239	127	233170	29.475	ng	99
34) Hexachlorobutadiene	8.310	225	209566	46.907	ng	99
35) Caprolactam	8.616	113	58169	30.436	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	338886	50.375	ng	99
37) 2-Methylnaphthalene	8.886	142	701139	49.051	ng	99
38) 1-Methylnaphthalene	8.986	142	655321	46.615	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	322566	46.079	ng	99
41) Hexachlorocyclopentadiene	9.039	237	408718	181.675	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	233117	50.897	ng	99

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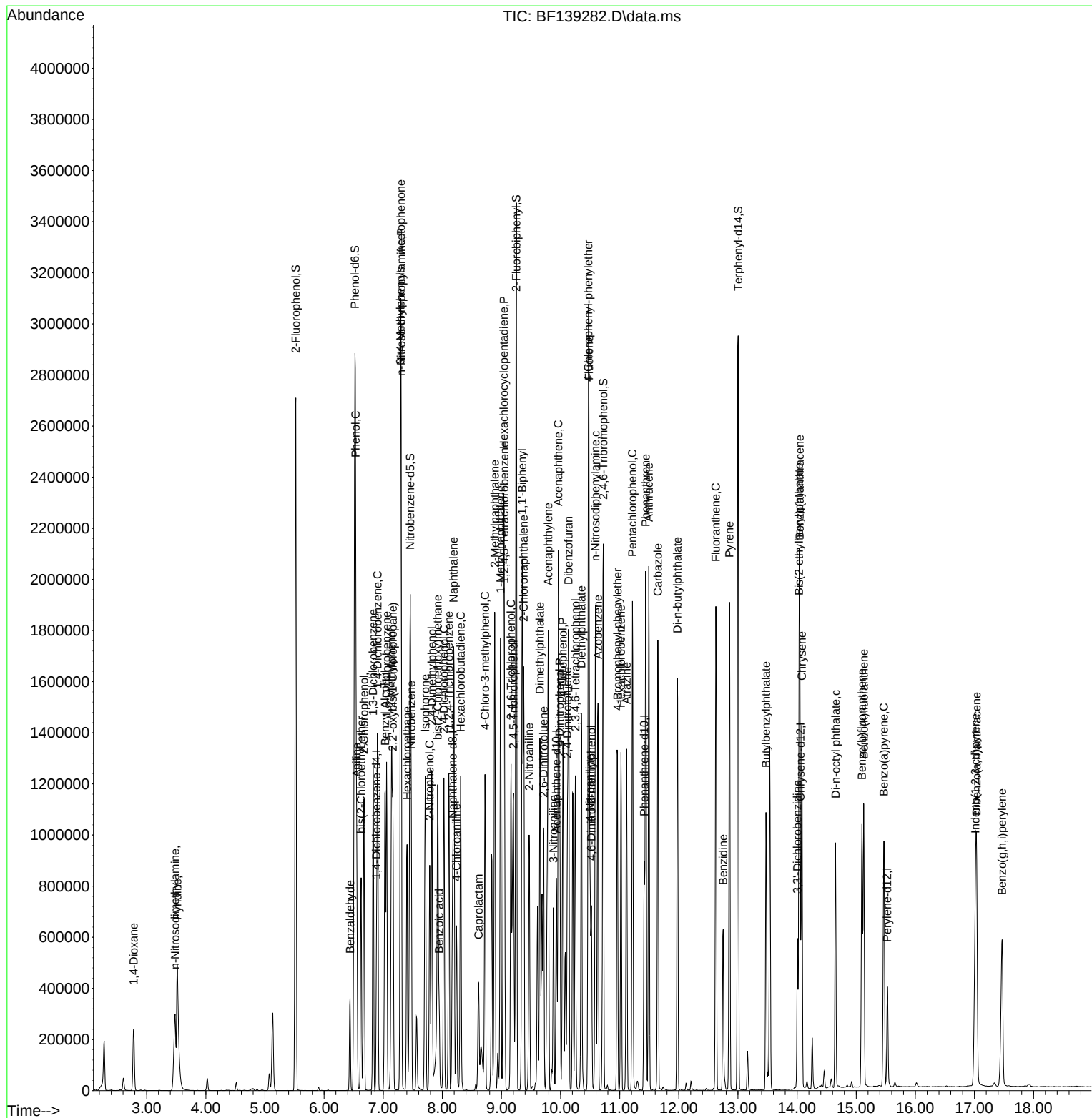
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	241505	50.317	ng	100
46) 1,1'-Biphenyl	9.351	154	863058	47.080	ng	99
47) 2-Chloronaphthalene	9.375	162	651346	47.056	ng	100
48) 2-Nitroaniline	9.469	65	246287	51.657	ng	97
49) Acenaphthylene	9.792	152	1072377	51.438	ng	100
50) Dimethylphthalate	9.651	163	766963	51.143	ng	99
51) 2,6-Dinitrotoluene	9.716	165	166802	49.029	ng	96
52) Acenaphthene	9.963	154	758414	54.847	ng	99
53) 3-Nitroaniline	9.881	138	135361	37.344	ng	100
54) 2,4-Dinitrophenol	9.986	184	185630	101.871	ng	# 69
55) Dibenzofuran	10.133	168	981427	49.505	ng	100
56) 4-Nitrophenol	10.039	139	281066	105.057	ng	99
57) 2,4-Dinitrotoluene	10.116	165	230057	53.129	ng	98
58) Fluorene	10.480	166	751211	48.873	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	201878	53.434	ng	100
60) Diethylphthalate	10.351	149	771367	52.268	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	364904	49.228	ng	98
62) 4-Nitroaniline	10.498	138	176628	51.191	ng	97
63) Azobenzene	10.633	77	792621	50.958	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	117139	54.701	ng	97
66) n-Nitrosodiphenylamine	10.592	169	663458	49.179	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	221647	49.292	ng	97
68) Hexachlorobenzene	11.022	284	243401	47.284	ng	98
69) Atrazine	11.116	200	211007	67.794	ng	100
70) Pentachlorophenol	11.216	266	293006	98.538	ng	97
71) Phenanthrene	11.439	178	1081340	49.945	ng	99
72) Anthracene	11.492	178	1098698	51.948	ng	100
73) Carbazole	11.645	167	984361	49.797	ng	99
74) Di-n-butylphthalate	11.975	149	1126324	55.649	ng	100
75) Fluoranthene	12.627	202	1094071	50.405	ng	99
77) Benzidine	12.751	184	345841	74.970	ng	99
78) Pyrene	12.857	202	1112324	50.260	ng	99
80) Butylbenzylphthalate	13.474	149	332532	63.826	ng	99
81) Benzo(a)anthracene	14.045	228	745401	50.953	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	168786	43.445	ng	99
83) Chrysene	14.080	228	680006	49.804	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	361537	59.122	ng	99
85) Di-n-octyl phthalate	14.651	149	610338	52.131	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	717280	51.896	ng	98
88) Benzo(b)fluoranthene	15.098	252	698834	54.847	ng	99
89) Benzo(k)fluoranthene	15.127	252	543526	47.576	ng	99
90) Benzo(a)pyrene	15.468	252	597268	55.205	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	577715	50.720	ng	99
92) Benzo(g,h,i)perylene	17.468	276	546573	46.488	ng	99

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

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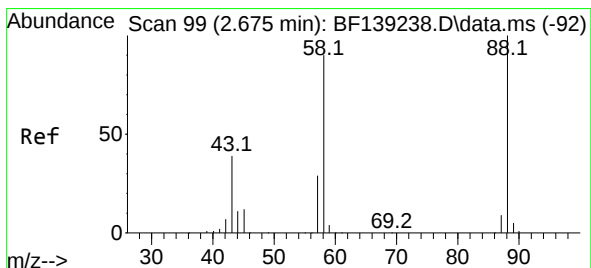
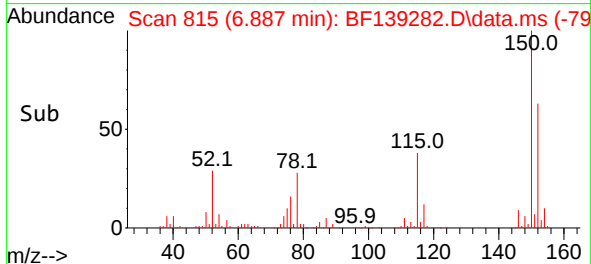
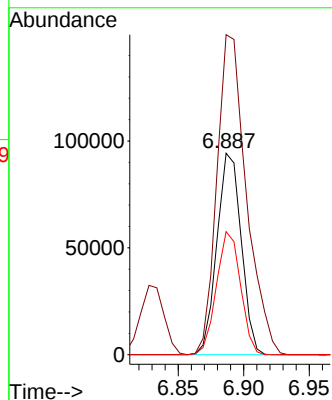
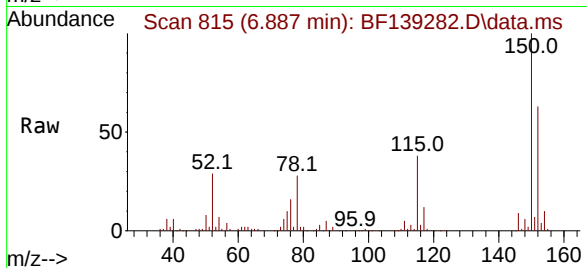




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF139282.D
 Acq: 09 Sep 2024 14:45

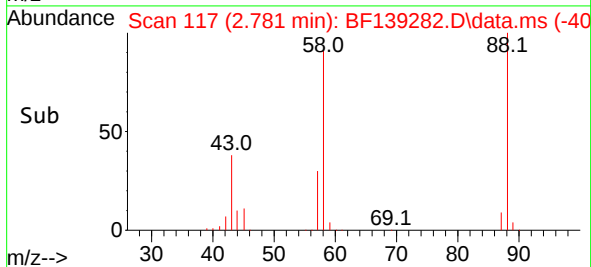
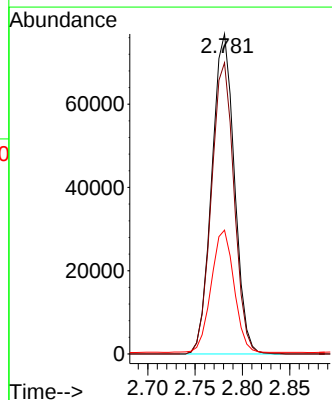
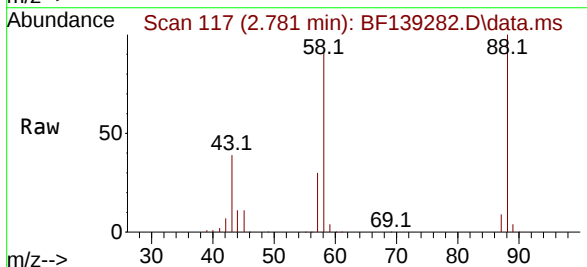
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 BNA_F
 ClientSampleId :
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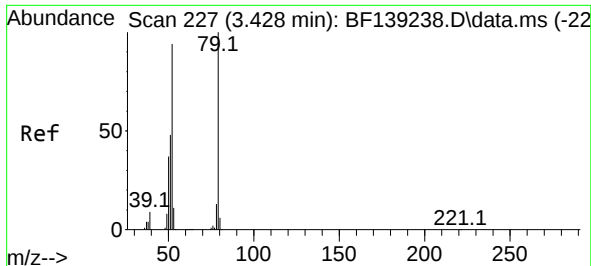
Tgt Ion:152 Resp: 121524
 Ion Ratio Lower Upper
 152 100
 150 158.9 127.0 190.4
 115 61.1 46.9 70.3



#2
 1,4-Dioxane
 Concen: 37.708 ng
 RT: 2.781 min Scan# 117
 Delta R.T. 0.106 min
 Lab File: BF139282.D
 Acq: 09 Sep 2024 14:45

Tgt Ion: 88 Resp: 127565
 Ion Ratio Lower Upper
 88 100
 58 91.3 72.5 108.7
 43 38.5 31.4 47.2





#3

Pyridine

Concen: 41.675 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.088 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

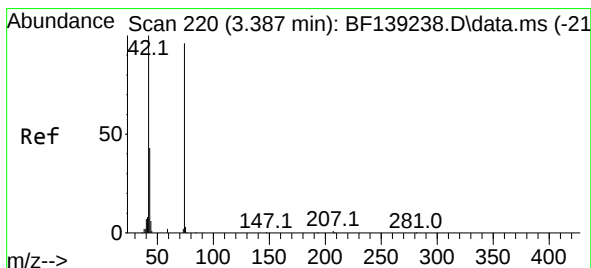
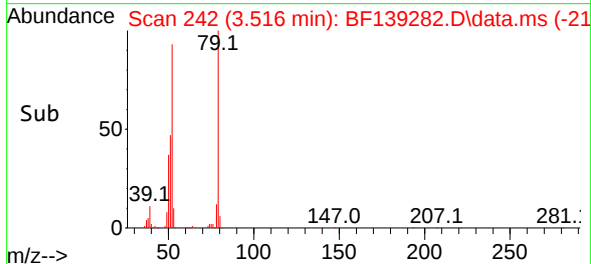
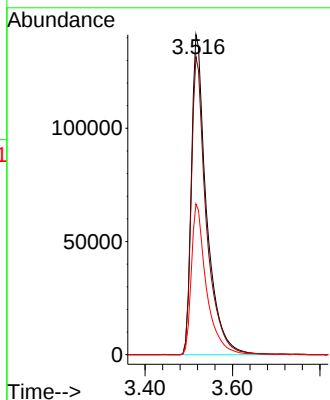
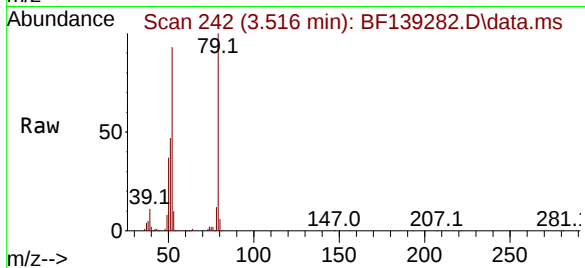
Tgt Ion: 79 Resp: 340315

Ion Ratio Lower Upper

79 100

52 93.2 75.3 112.9

51 47.1 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 45.259 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.094 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

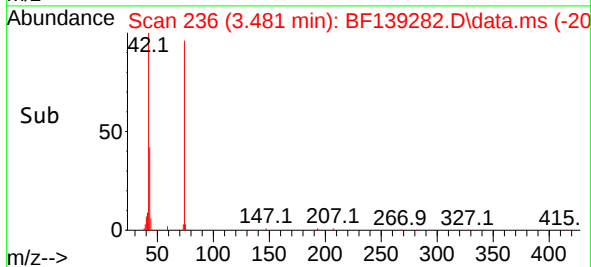
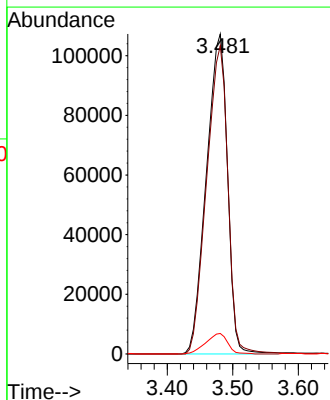
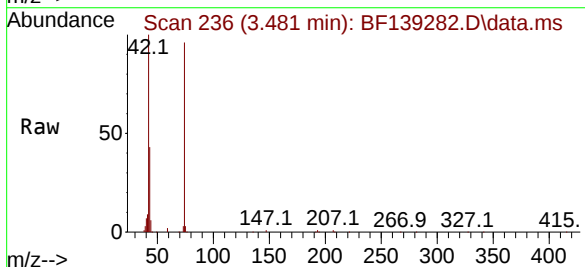
Tgt Ion: 42 Resp: 239998

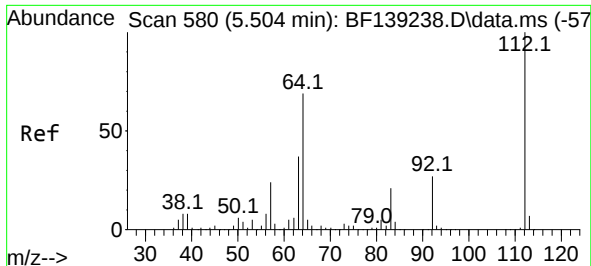
Ion Ratio Lower Upper

42 100

74 96.3 77.2 115.8

44 6.4 5.1 7.7

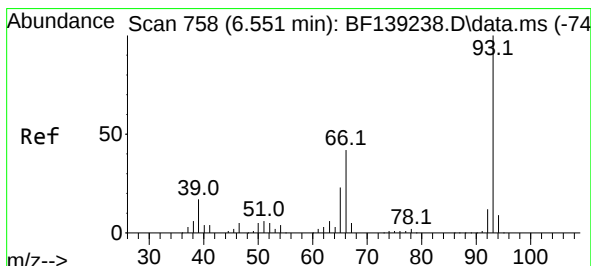
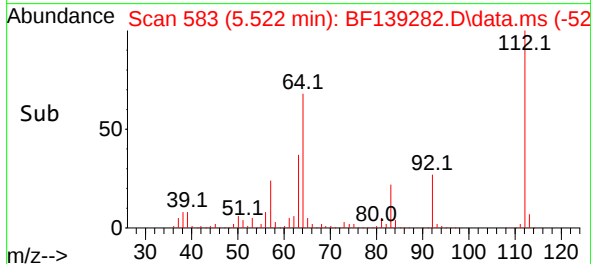
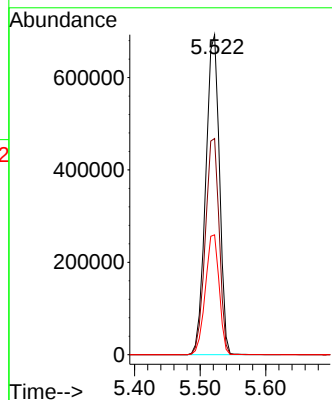
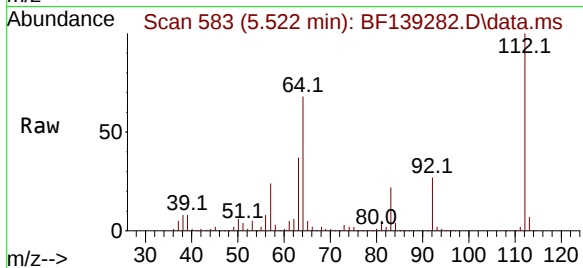




#5
2-Fluorophenol
Concen: 139.217 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

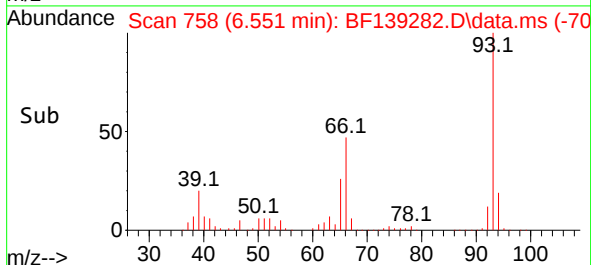
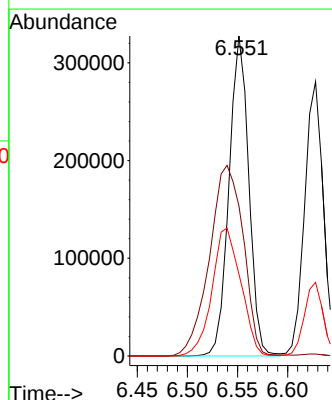
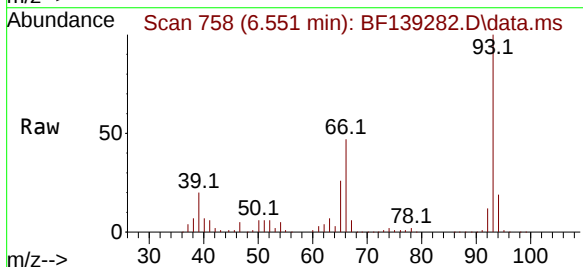
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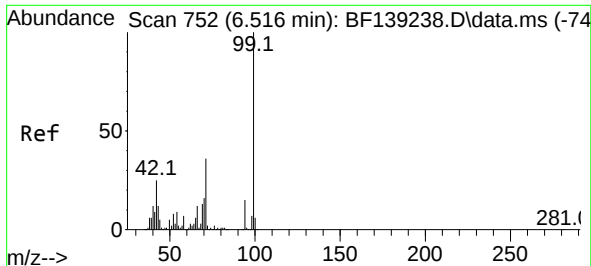
Tgt Ion:112 Resp: 1011327
Ion Ratio Lower Upper
112 100
64 67.5 55.0 82.4
63 37.5 29.9 44.9



#6
Aniline
Concen: 50.447 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion: 93 Resp: 449876
Ion Ratio Lower Upper
93 100
66 47.0 34.4 51.6
65 25.6 18.2 27.4

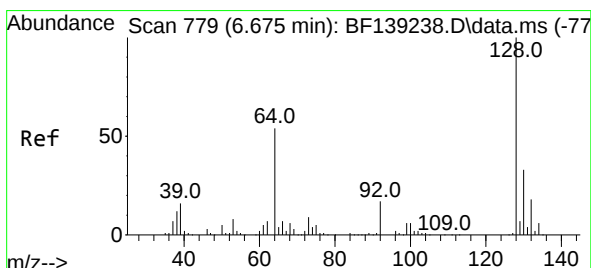
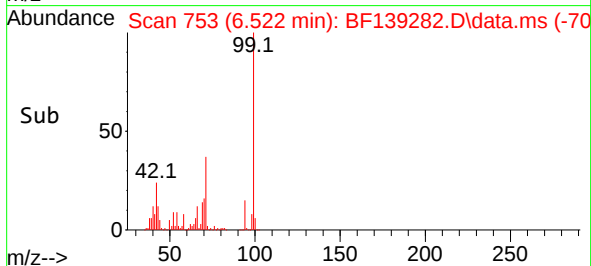
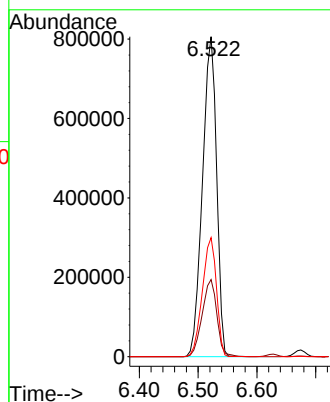
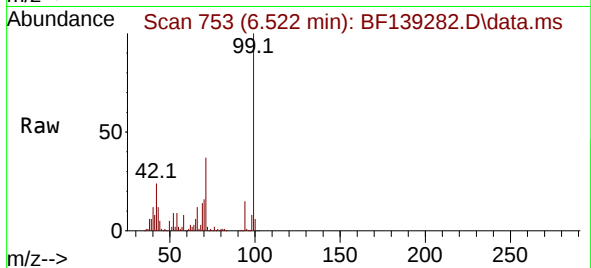




#7
Phenol-d6
Concen: 138.807 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

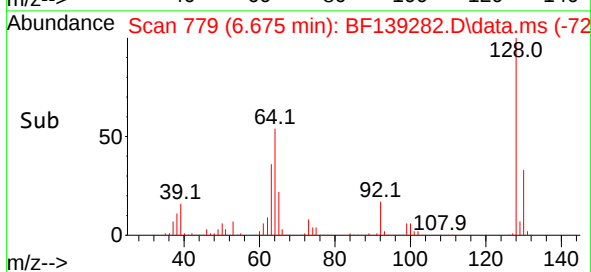
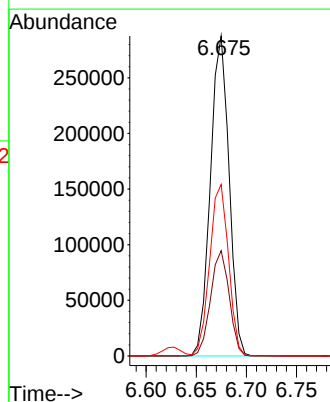
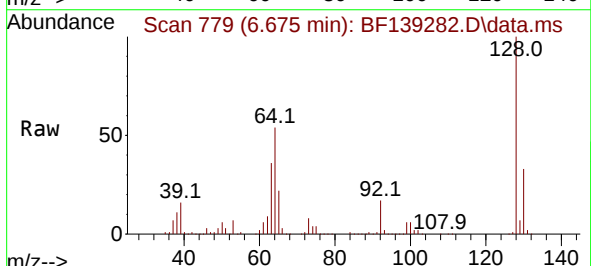
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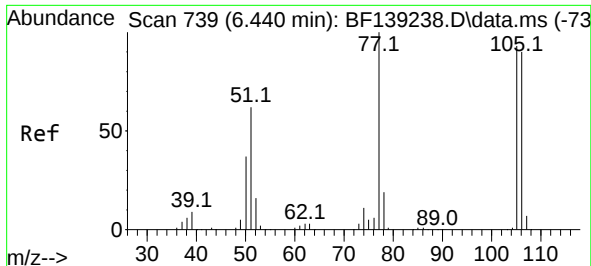
Tgt Ion: 99 Resp: 1346133
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 37.2 28.8 43.2



#8
2-Chlorophenol
Concen: 49.598 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:128 Resp: 373408
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 53.6 36.6 76.6

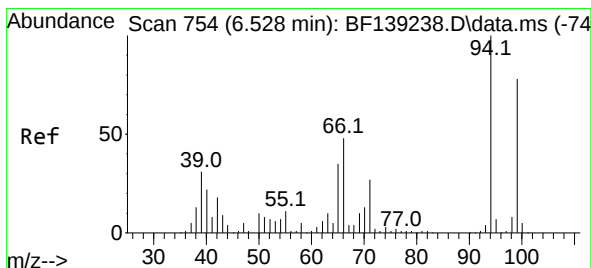
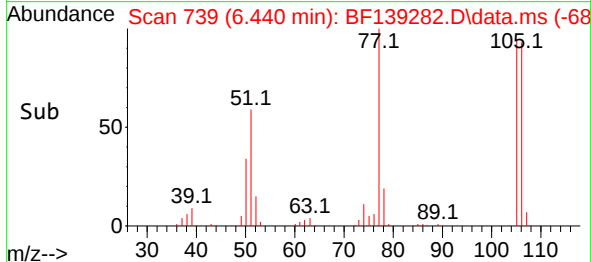
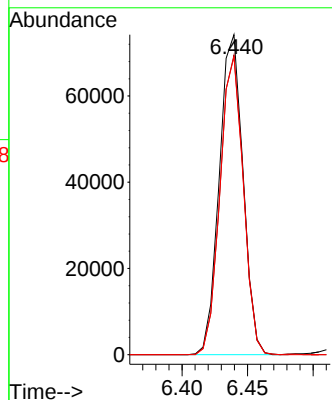
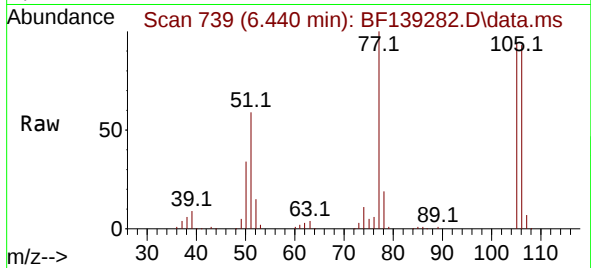




#9
Benzaldehyde
Concen: 15.874 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
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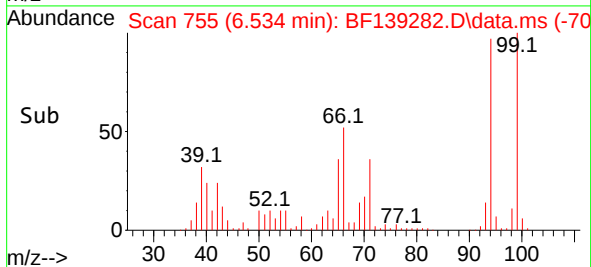
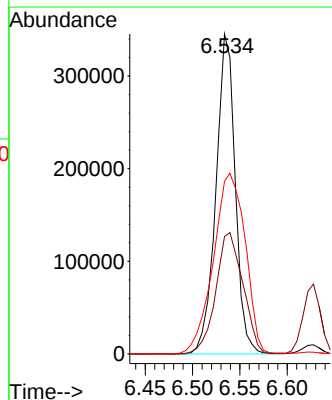
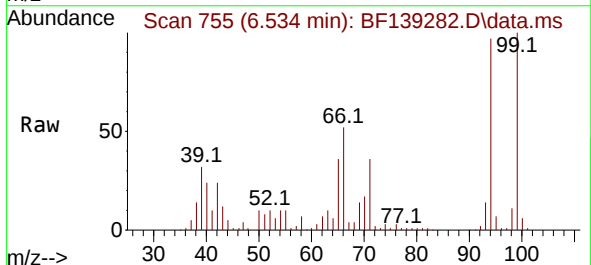
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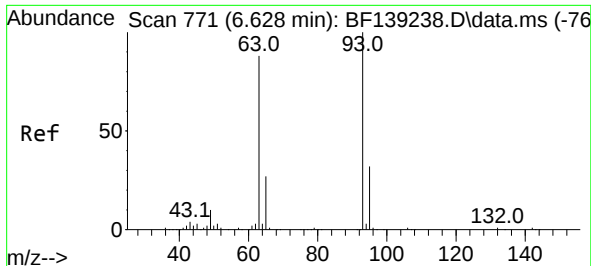
Tgt Ion: 77 Resp: 93185
Ion Ratio Lower Upper
77 100
105 93.6 72.9 112.9
106 93.1 69.6 109.6



#10
Phenol
Concen: 48.106 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 492092
Ion Ratio Lower Upper
94 100
65 36.7 14.7 54.7
66 54.0 28.5 68.5

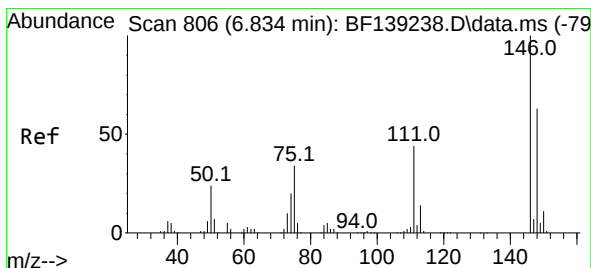
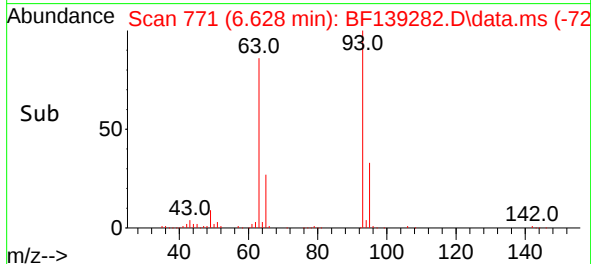
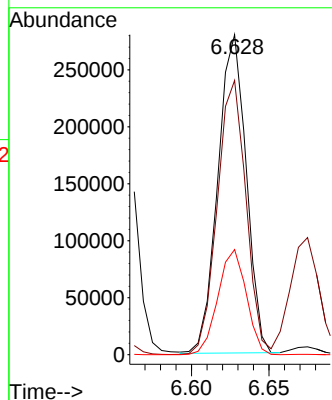
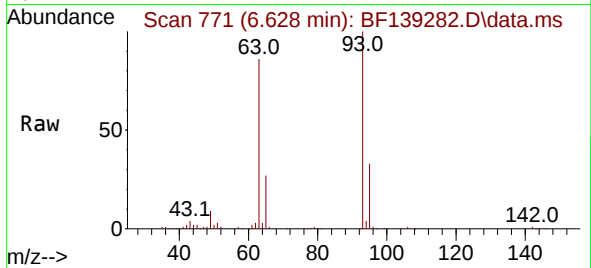




#11
bis(2-Chloroethyl)ether
Concen: 48.481 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

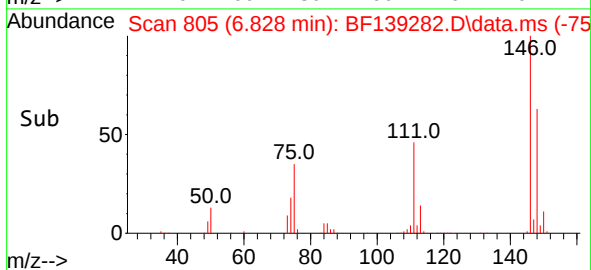
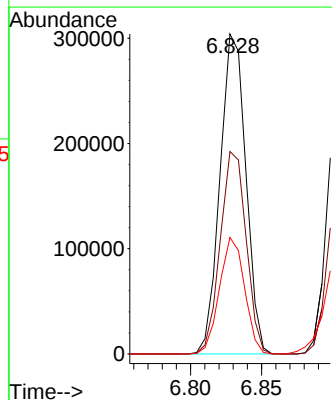
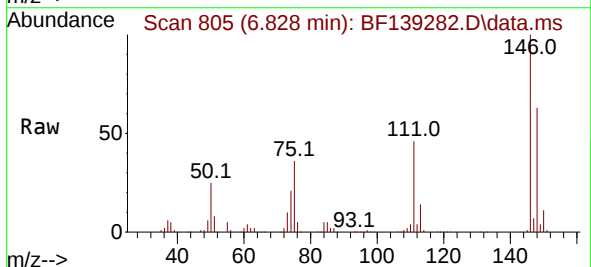
Instrument :
BNA_F
ClientSampleId :
PB163214BS

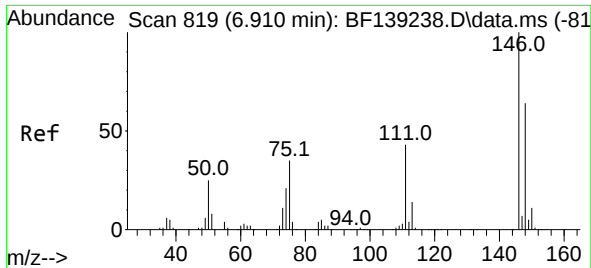
Tgt Ion: 93 Resp: 355291
Ion Ratio Lower Upper
93 100
63 85.7 67.1 107.1
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 45.122 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:146 Resp: 384512
Ion Ratio Lower Upper
146 100
148 63.2 50.8 76.2
75 36.4 27.3 40.9

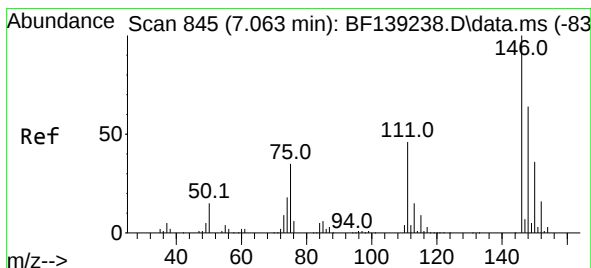
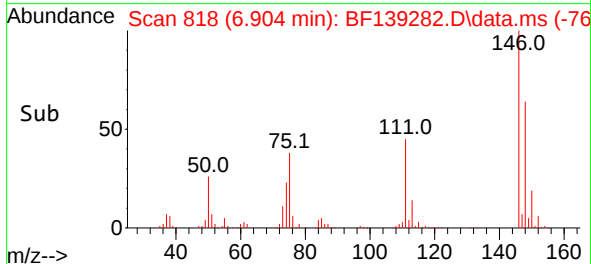
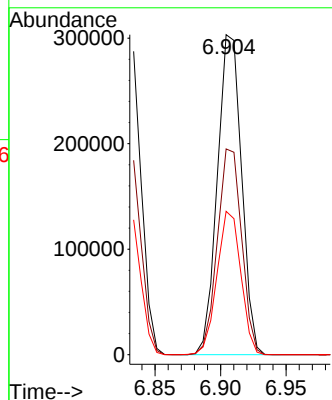
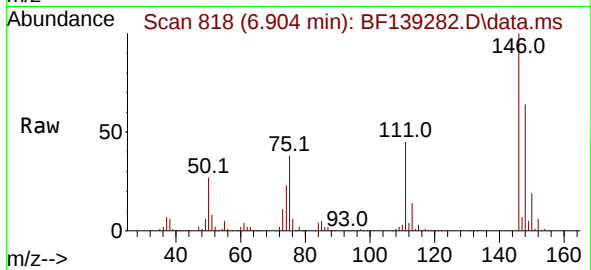




#13
1,4-Dichlorobenzene
Concen: 45.629 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

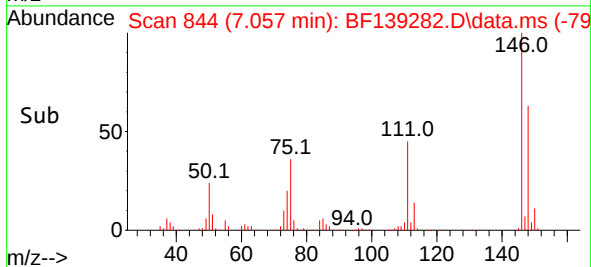
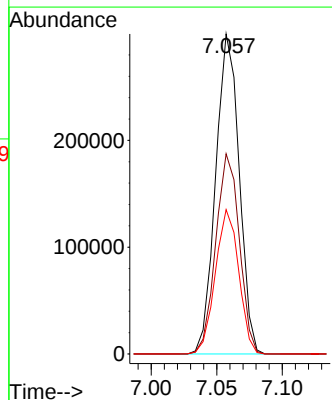
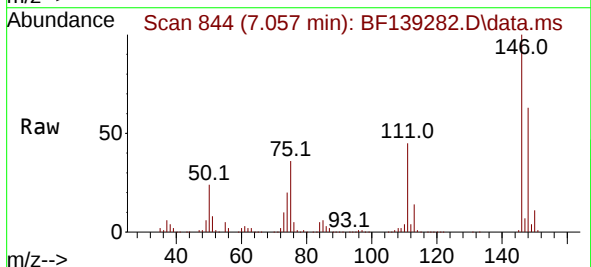
Instrument :
BNA_F
ClientSampleId :
PB163214BS

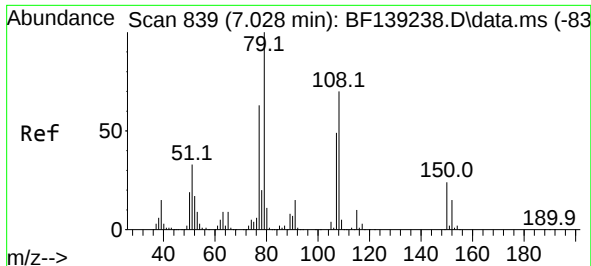
Tgt Ion:146 Resp: 389188
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 44.8 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 46.977 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:146 Resp: 373700
Ion Ratio Lower Upper
146 100
148 62.5 50.9 76.3
111 45.1 36.6 55.0

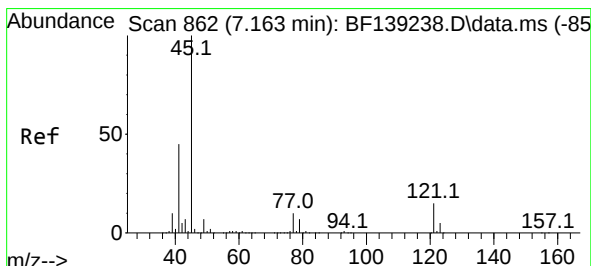
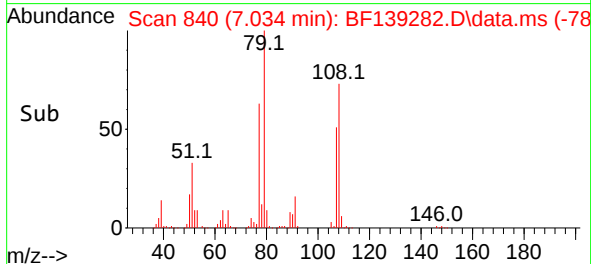
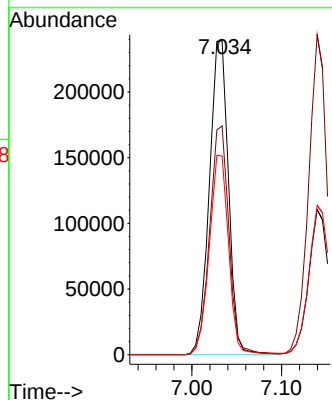
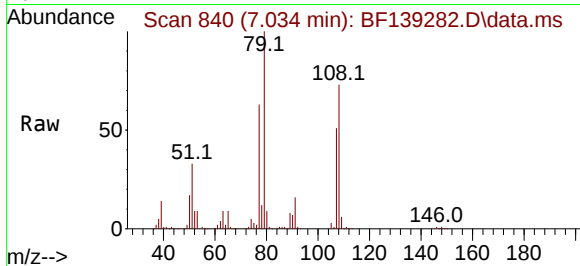




#15
Benzyl Alcohol
Concen: 50.165 ng
RT: 7.034 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

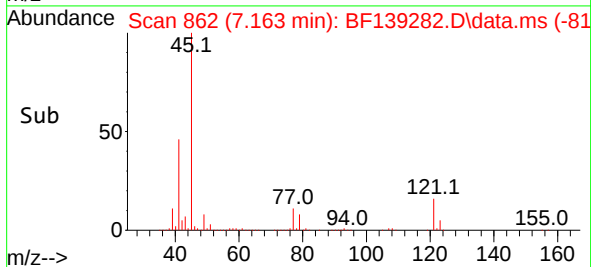
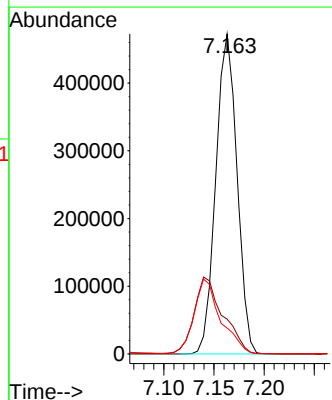
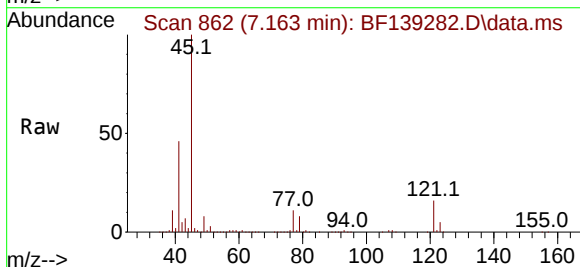
Instrument :
BNA_F
ClientSampleId :
PB163214BS

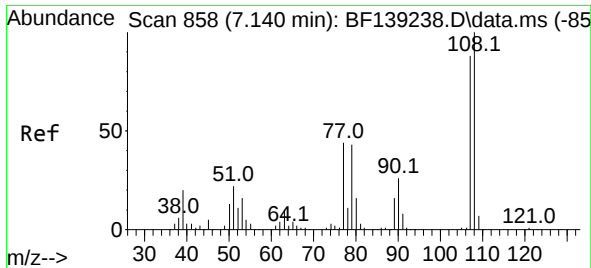
Tgt Ion: 79 Resp: 354788
Ion Ratio Lower Upper
79 100
108 73.0 56.1 84.1
77 63.4 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.733 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion: 45 Resp: 693816
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.0
79 8.1 0.0 27.6

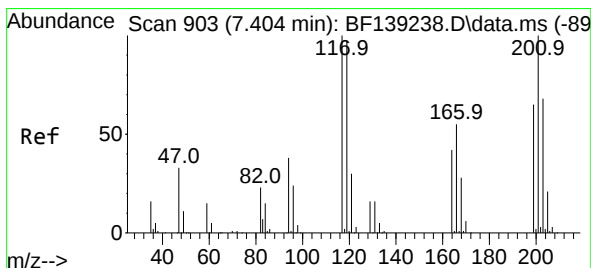
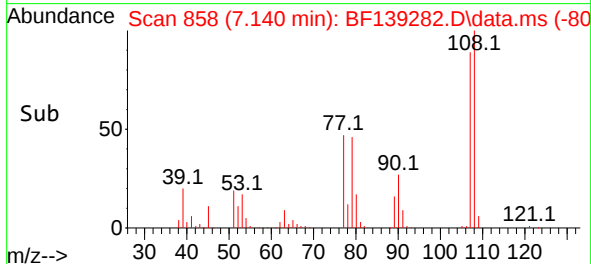
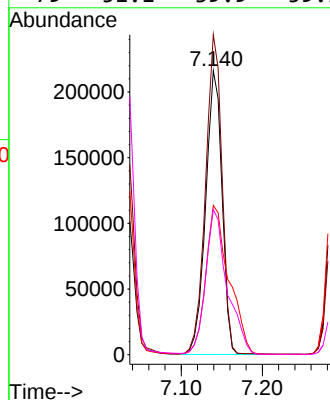
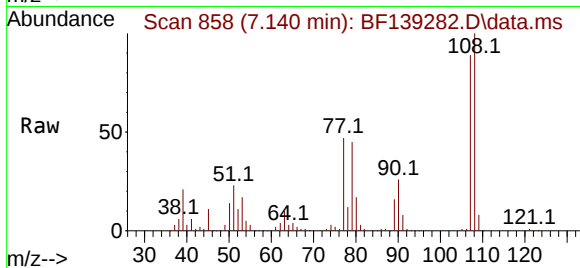




#17
2-Methylphenol
Concen: 49.211 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

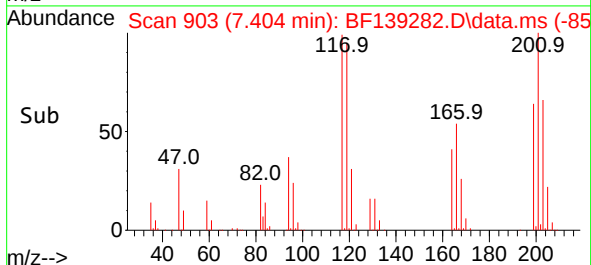
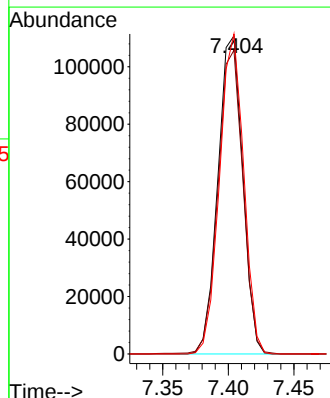
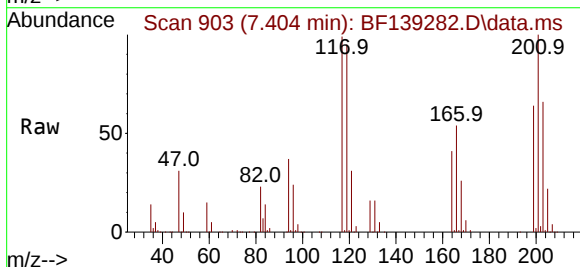
Instrument :
BNA_F
ClientSampleId :
PB163214BS

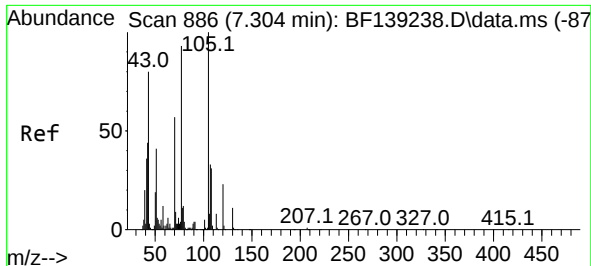
Tgt Ion:	107	Resp:	302638
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.4	137.2
77	52.6	40.1	60.1
79	51.1	39.9	59.9



#18
Hexachloroethane
Concen: 47.739 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:	117	Resp:	145429
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.2
201	100.6	80.0	120.0



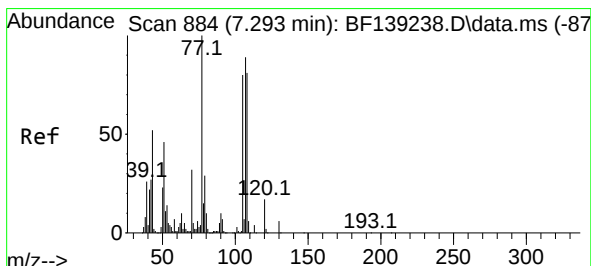
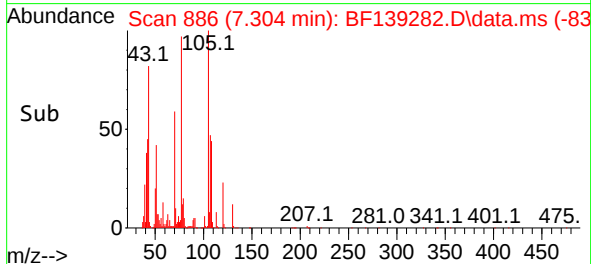
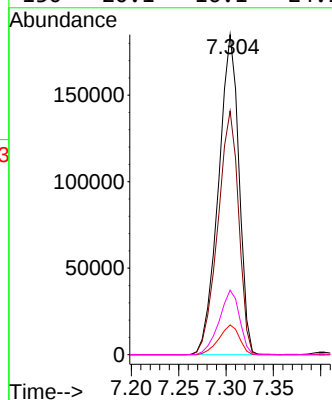
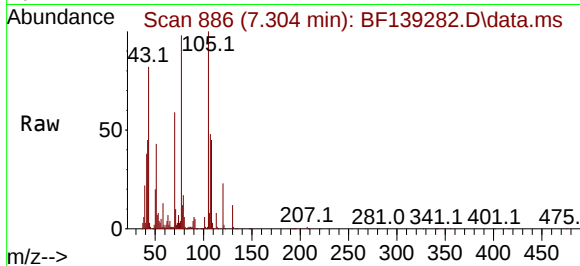


#19
n-Nitroso-di-n-propylamine
Concen: 49.894 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :
BNA_F
ClientSampleId :
PB163214BS

Tgt Ion: 70 Resp: 278676

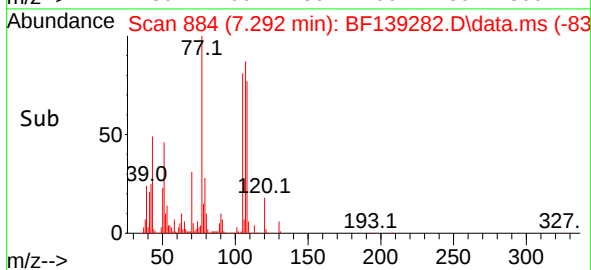
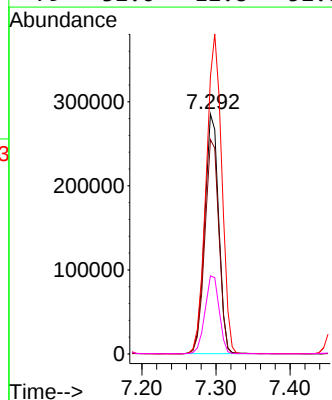
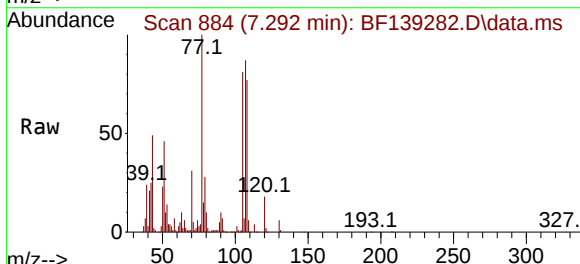
Ion	Ratio	Lower	Upper
70	100		
42	76.2	61.0	91.6
101	9.3	7.2	10.8
130	20.1	16.1	24.1

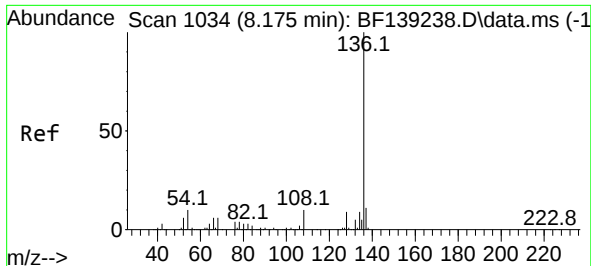


#20
3+4-Methylphenols
Concen: 48.494 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion: 107 Resp: 375859

Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.4	110.4
77	115.6	92.2	132.2
79	32.6	12.8	52.8



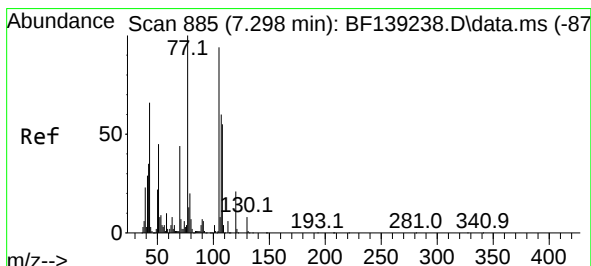
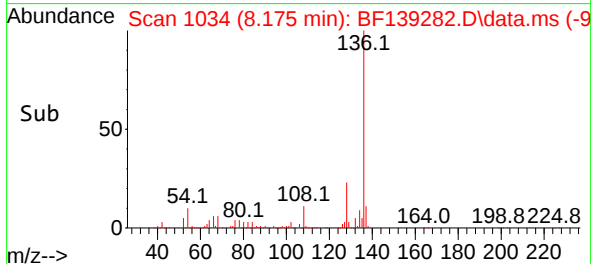
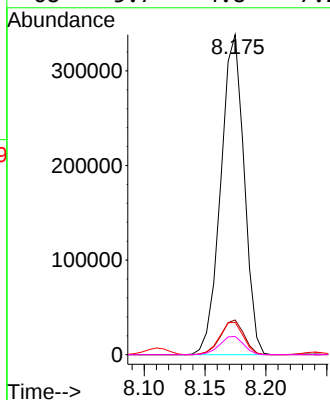
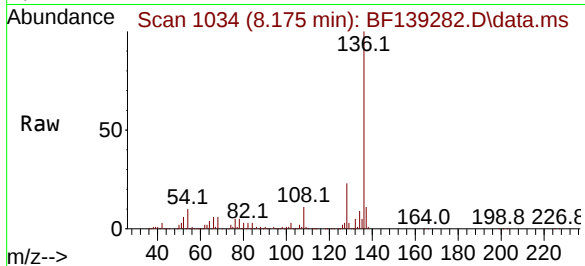


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :
BNA_F
ClientSampleId :
PB163214BS

Tgt Ion:136 Resp: 451152

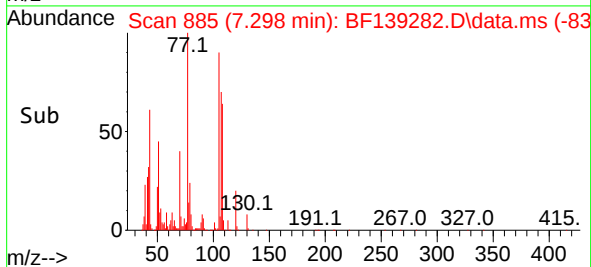
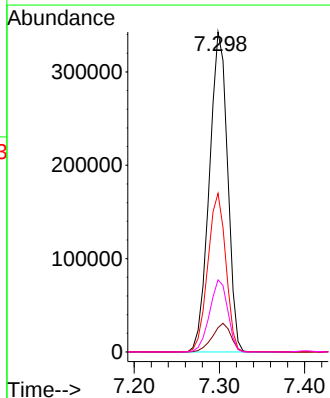
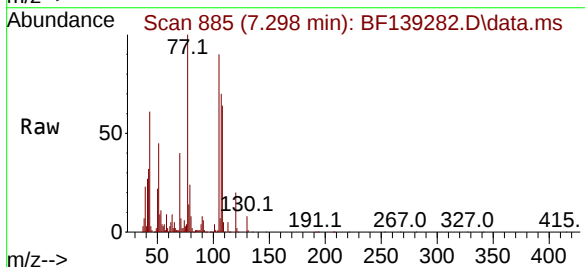
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.1	8.4	12.6
68	5.7	4.8	7.2

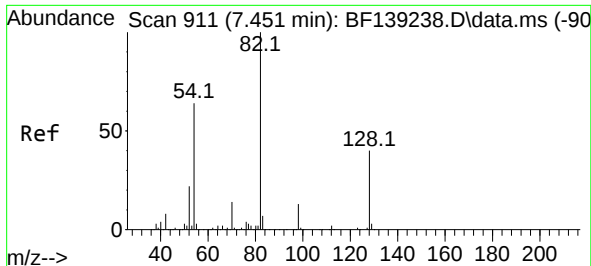


#22
Acetophenone
Concen: 47.363 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:105 Resp: 509058

Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.2	9.2
51	49.5	38.2	57.2
120	22.6	17.7	26.5





#23

Nitrobenzene-d5

Concen: 99.866 ng

RT: 7.457 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

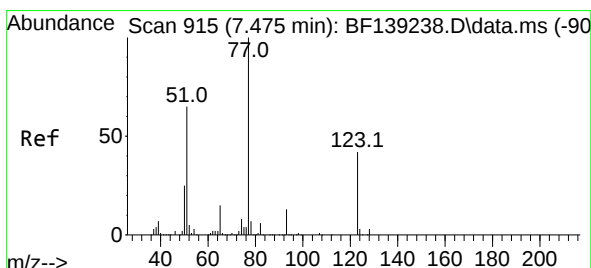
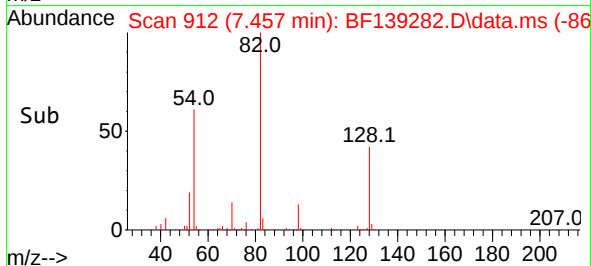
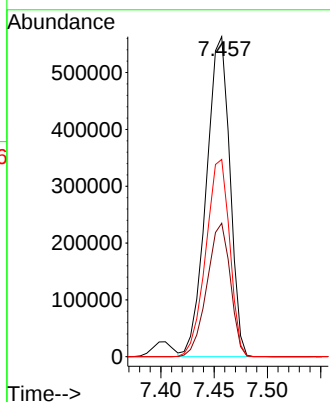
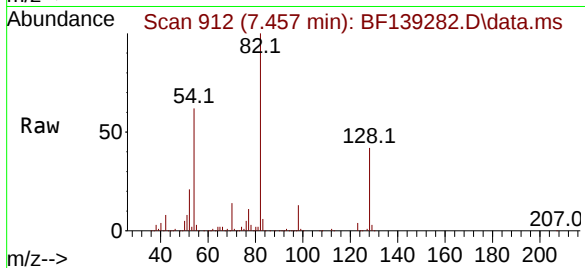
Tgt Ion: 82 Resp: 866056

Ion Ratio Lower Upper

82 100

128 41.7 32.3 48.5

54 61.6 51.2 76.8



#24

Nitrobenzene

Concen: 45.581 ng

RT: 7.475 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

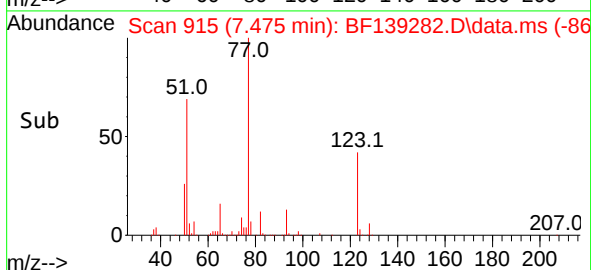
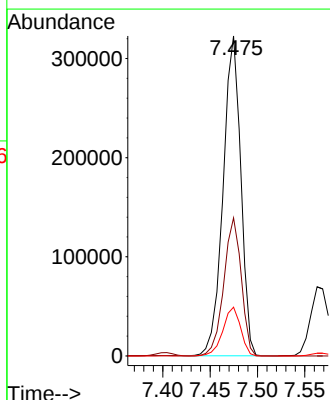
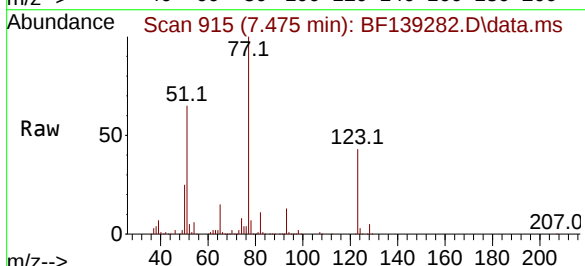
Tgt Ion: 77 Resp: 419551

Ion Ratio Lower Upper

77 100

123 43.1 34.0 51.0

65 15.2 12.1 18.1

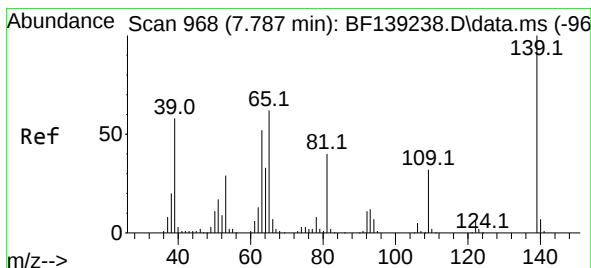
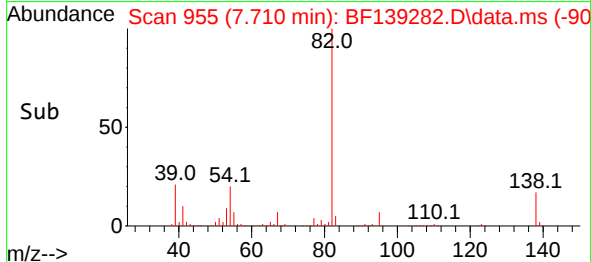
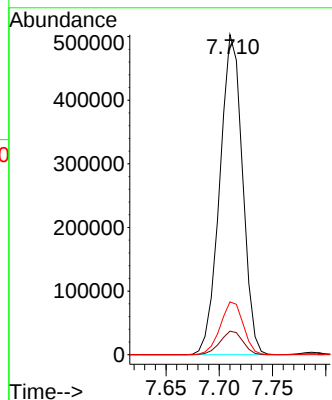
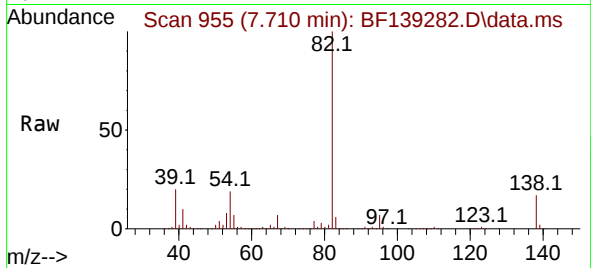




#25
Isophorone
Concen: 50.315 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

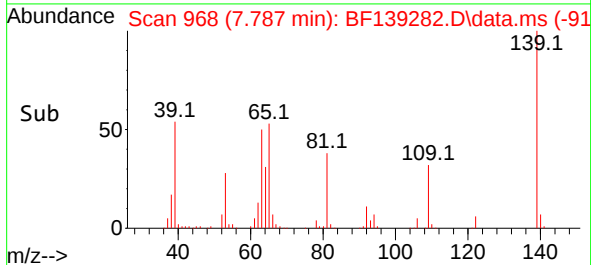
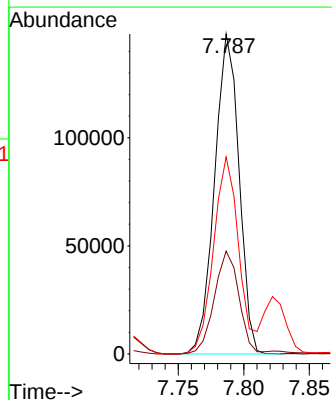
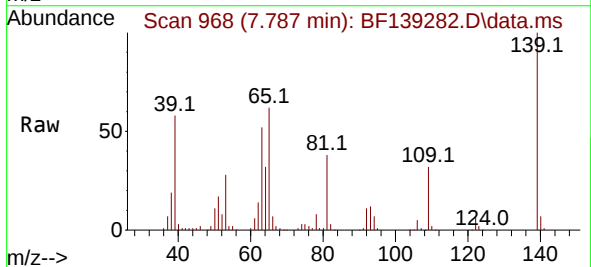
Instrument :
BNA_F
ClientSampleId :
PB163214BS

Tgt Ion: 82 Resp: 745997
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.5 13.4 20.0



#26
2-Nitrophenol
Concen: 53.009 ng
RT: 7.787 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:139 Resp: 191637
Ion Ratio Lower Upper
139 100
109 32.1 25.4 38.2
65 61.6 49.4 74.2

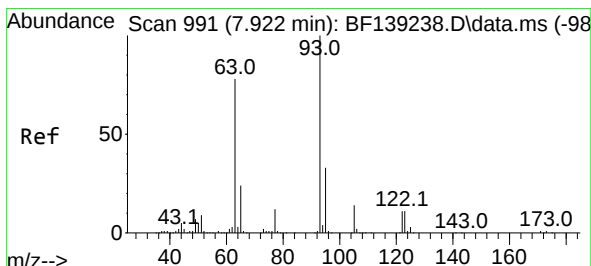
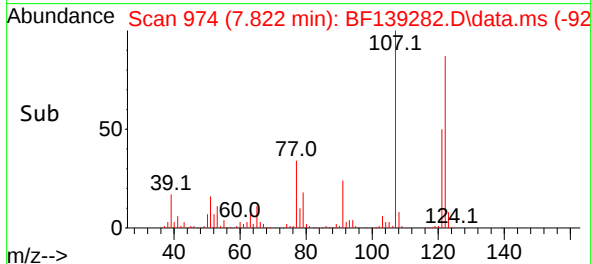
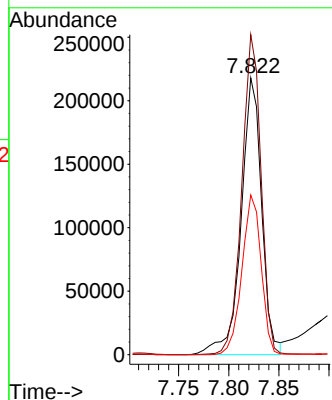
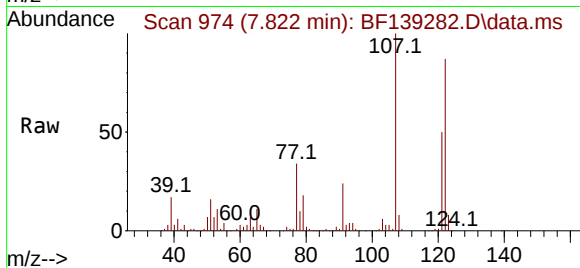




#27
2,4-Dimethylphenol
Concen: 60.407 ng
RT: 7.822 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

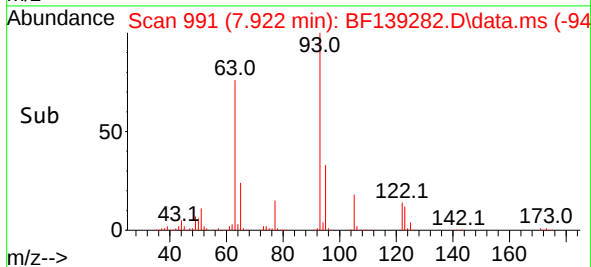
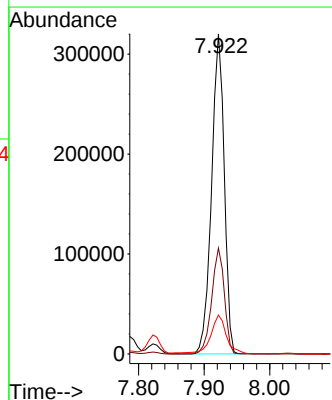
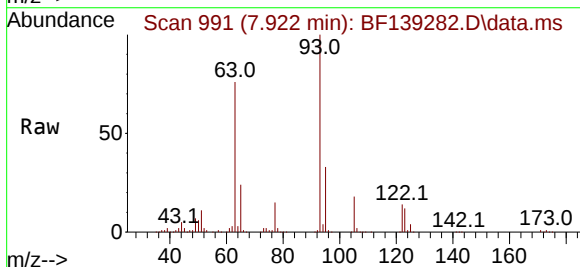
Instrument :
BNA_F
ClientSampleId :
PB163214BS

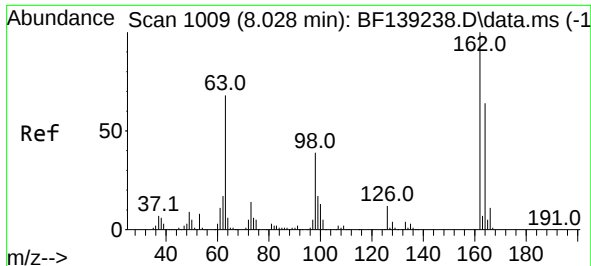
Tgt Ion:122 Resp: 311454
Ion Ratio Lower Upper
122 100
107 115.6 93.4 140.2
121 57.7 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.684 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion: 93 Resp: 430051
Ion Ratio Lower Upper
93 100
95 33.1 26.6 40.0
123 12.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 50.180 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

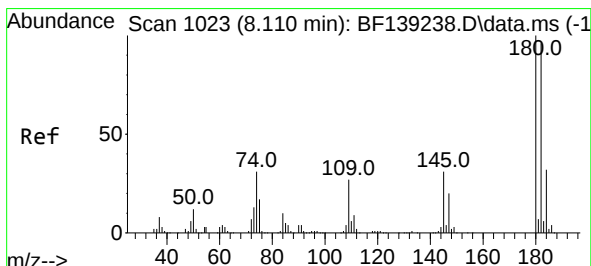
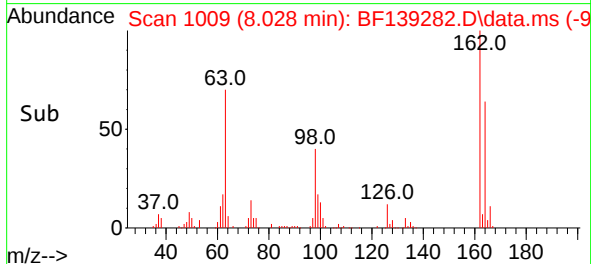
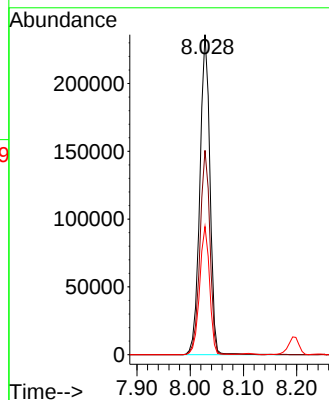
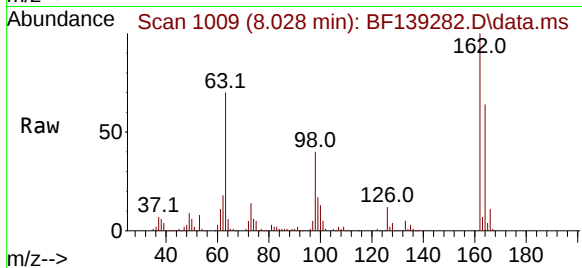
Tgt Ion:162 Resp: 309779

Ion Ratio Lower Upper

162 100

164 63.9 43.6 83.6

98 40.1 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 45.665 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

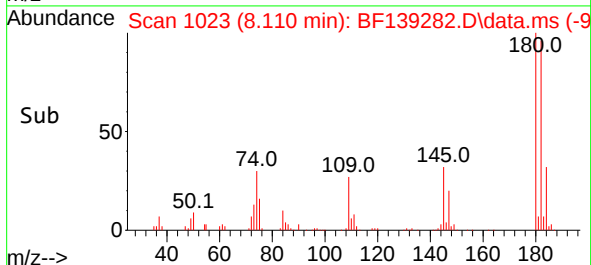
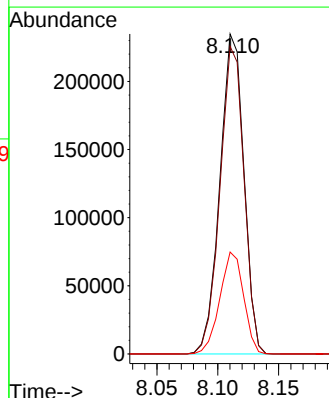
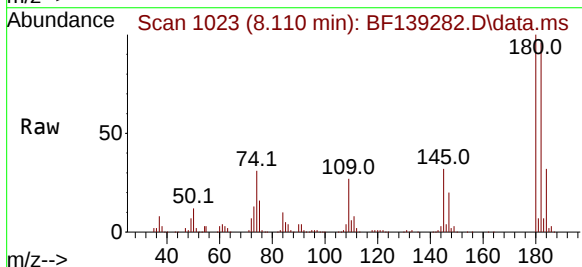
Tgt Ion:180 Resp: 321964

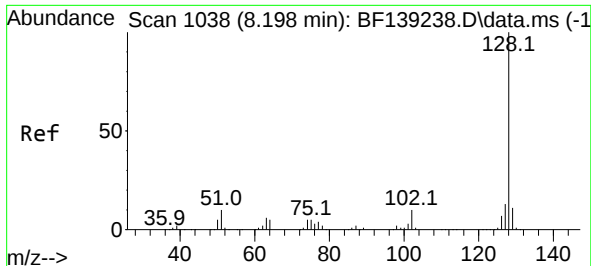
Ion Ratio Lower Upper

180 100

182 96.1 76.5 114.7

145 31.8 25.1 37.7

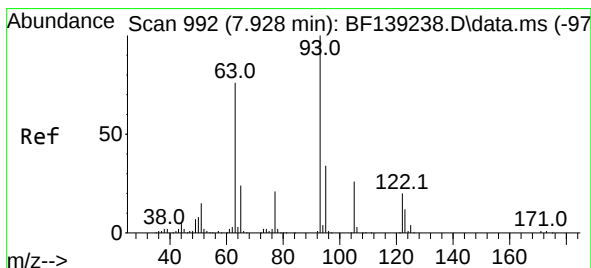
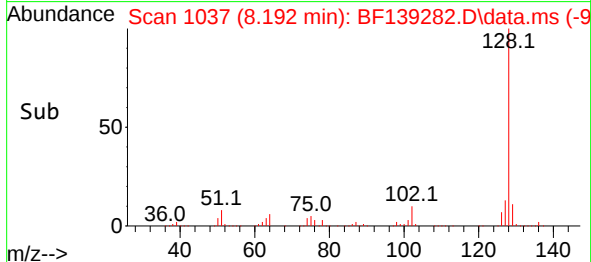
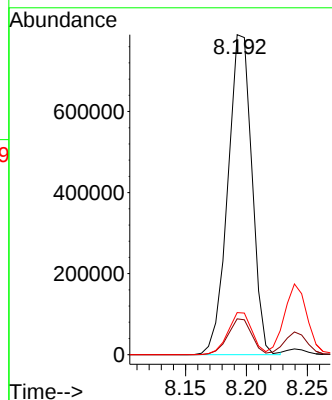
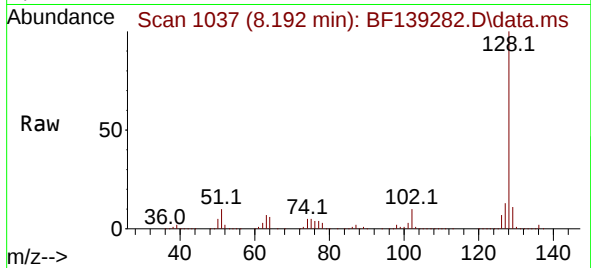




#31
Naphthalene
Concen: 47.617 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

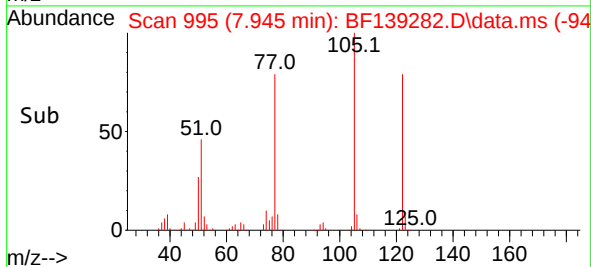
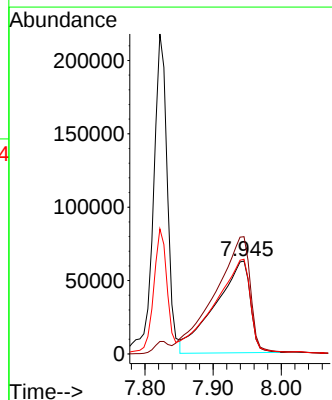
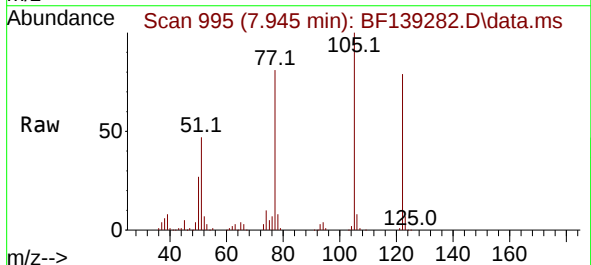
Instrument :
BNA_F
ClientSampleId :
PB163214BS

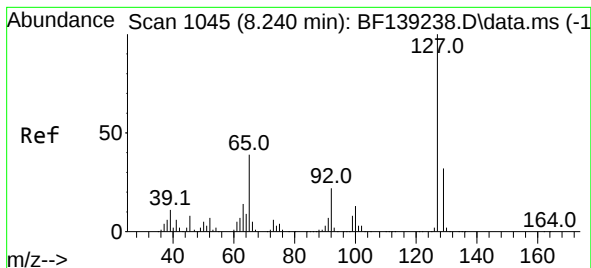
Tgt Ion:128 Resp: 1087912
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 47.660 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.017 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:122 Resp: 223826
Ion Ratio Lower Upper
122 100
105 126.3 106.3 146.3
77 102.0 84.1 124.1





#33

4-Chloroaniline

Concen: 29.475 ng

RT: 8.239 min Scan# 1045

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

Tgt Ion:127 Resp: 233170

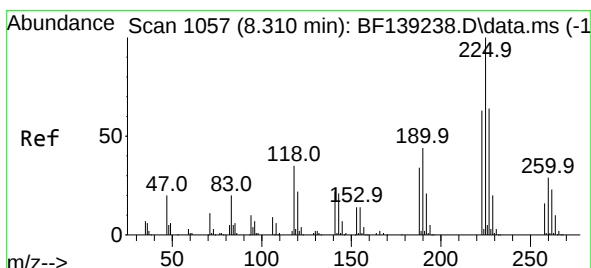
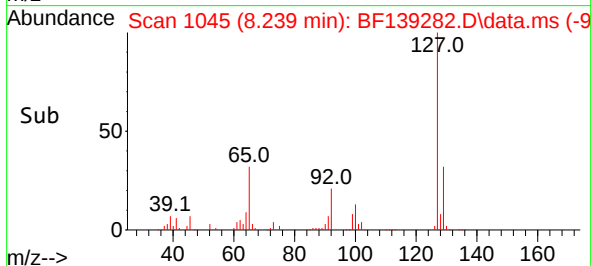
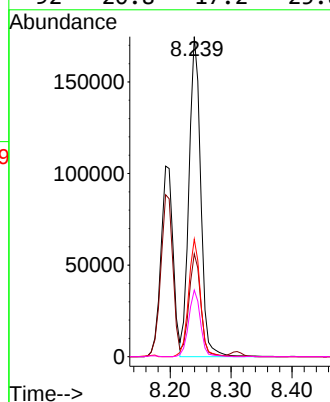
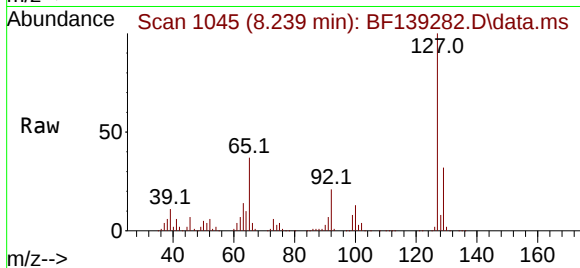
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.6

65 36.7 30.6 45.8

92 20.8 17.2 25.8



#34

Hexachlorobutadiene

Concen: 46.907 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

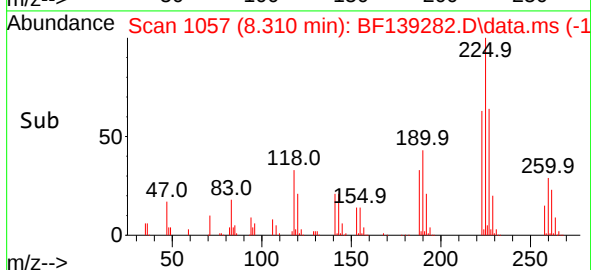
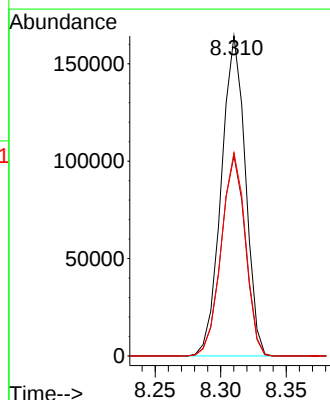
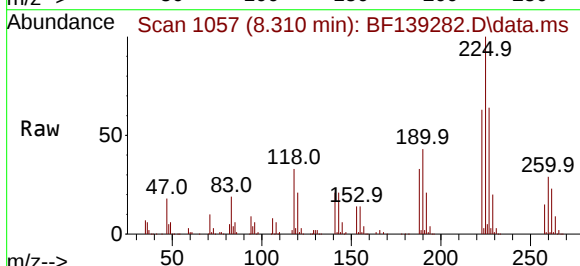
Tgt Ion:225 Resp: 209566

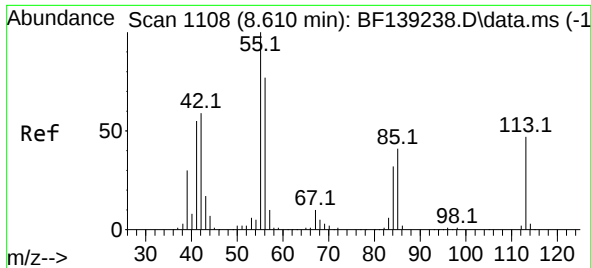
Ion Ratio Lower Upper

225 100

223 62.5 50.7 76.1

227 63.6 51.5 77.3

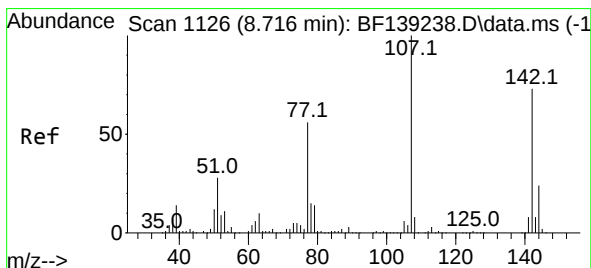
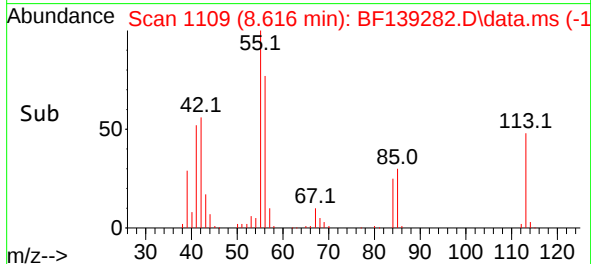
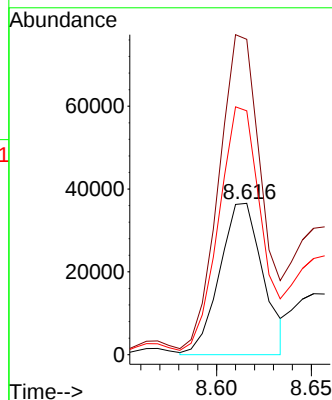
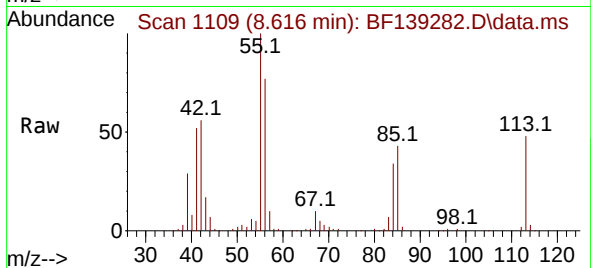




#35
Caprolactam
Concen: 30.436 ng
RT: 8.616 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

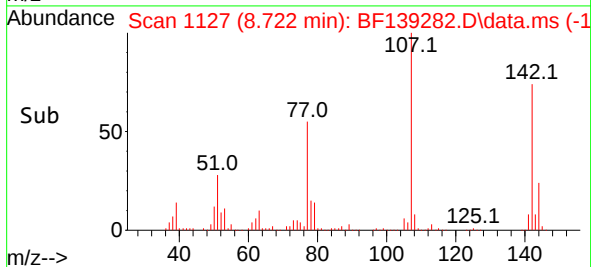
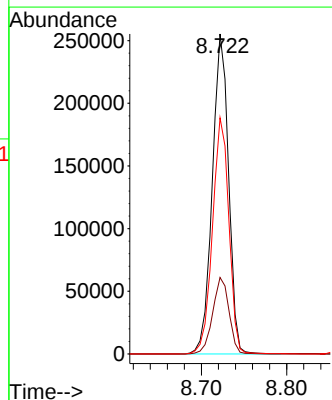
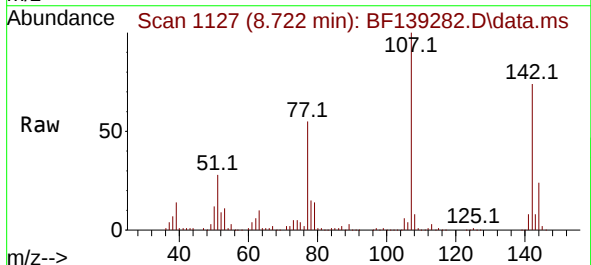
Instrument :
BNA_F
ClientSampleId :
PB163214BS

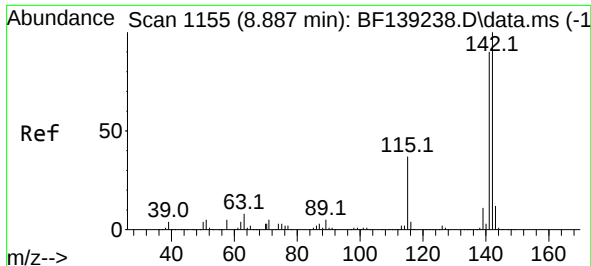
Tgt Ion:113 Resp: 58169
Ion Ratio Lower Upper
113 100
55 208.5 193.7 233.7
56 161.1 145.0 185.0



#36
4-Chloro-3-methylphenol
Concen: 50.375 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:107 Resp: 338886
Ion Ratio Lower Upper
107 100
144 23.9 19.1 28.7
142 73.8 58.3 87.5





#37

2-Methylnaphthalene

Concen: 49.051 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

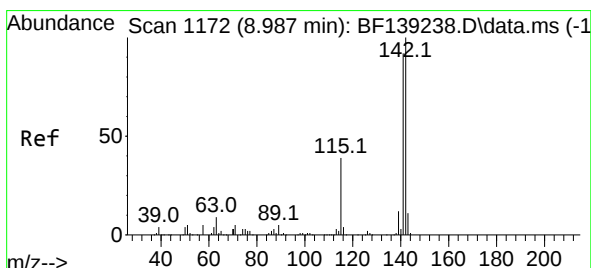
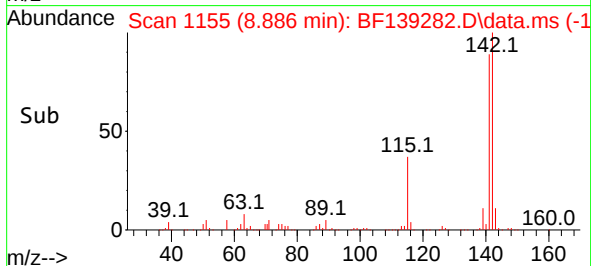
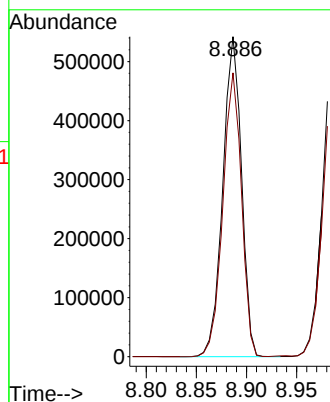
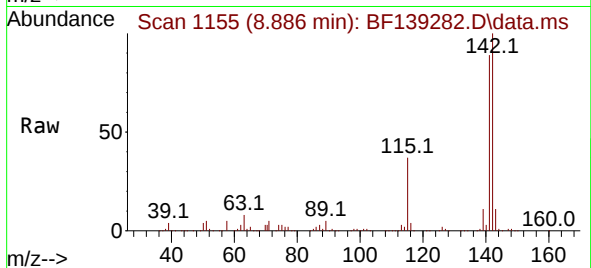
PB163214BS

Tgt Ion:142 Resp: 701139

Ion Ratio Lower Upper

142 100

141 88.7 71.6 107.4



#38

1-Methylnaphthalene

Concen: 46.615 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF139282.D

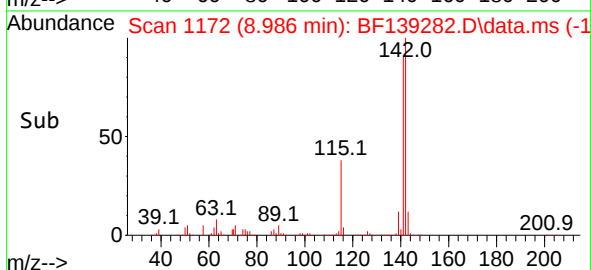
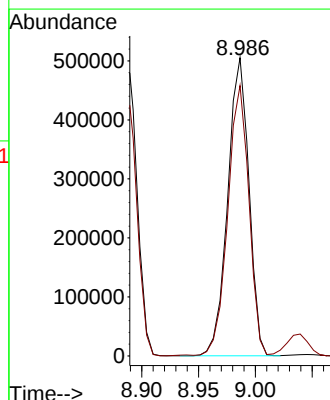
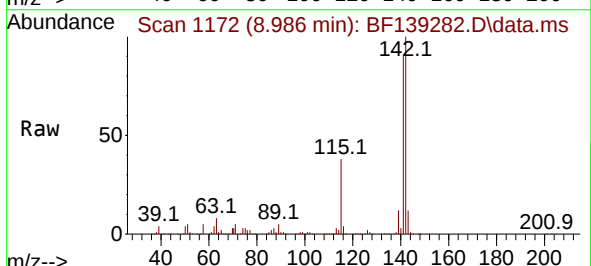
Acq: 09 Sep 2024 14:45

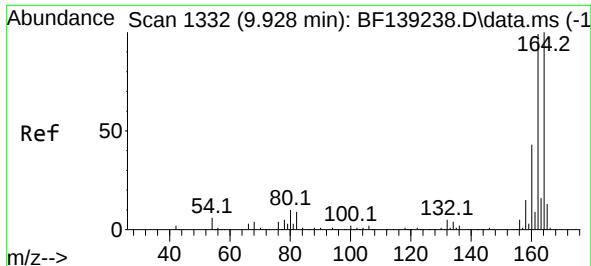
Tgt Ion:142 Resp: 655321

Ion Ratio Lower Upper

142 100

141 90.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

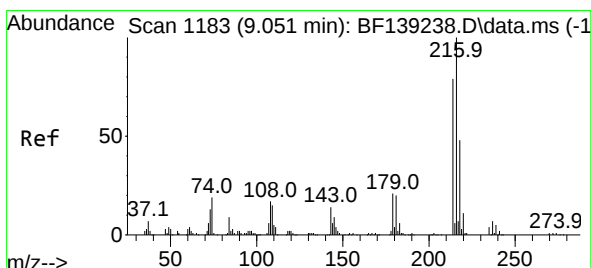
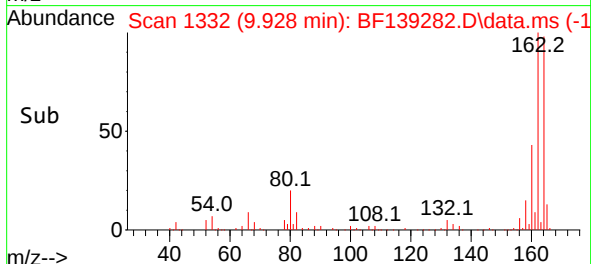
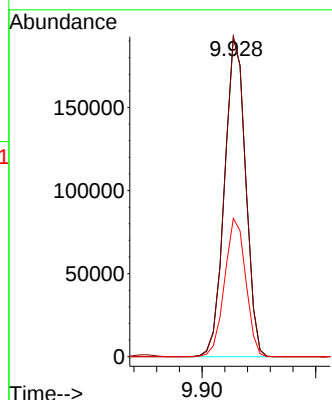
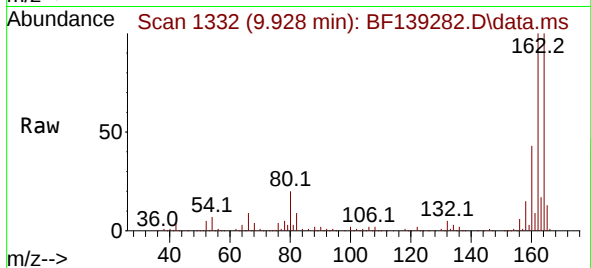
Tgt Ion:164 Resp: 247423

Ion Ratio Lower Upper

164 100

162 100.2 79.2 118.8

160 43.3 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.079 ng

RT: 9.051 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Tgt Ion:216 Resp: 322566

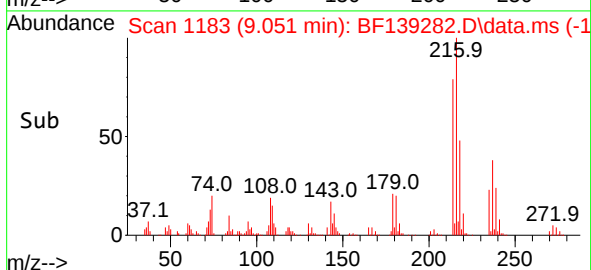
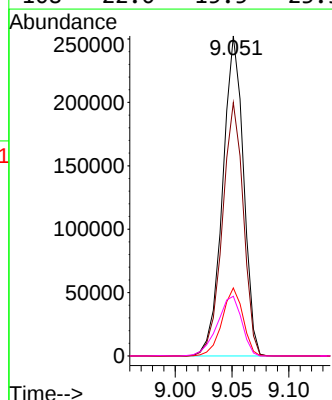
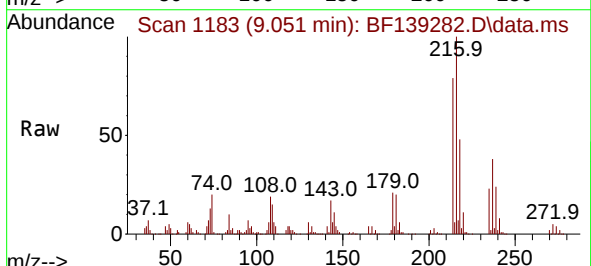
Ion Ratio Lower Upper

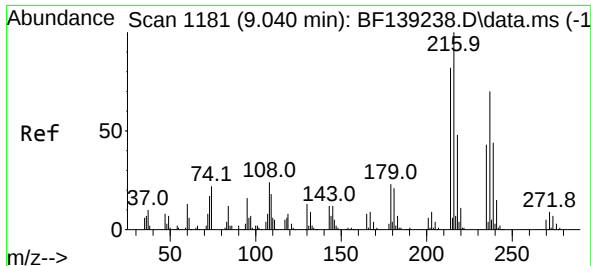
216 100

214 79.5 63.8 95.8

179 21.2 16.9 25.3

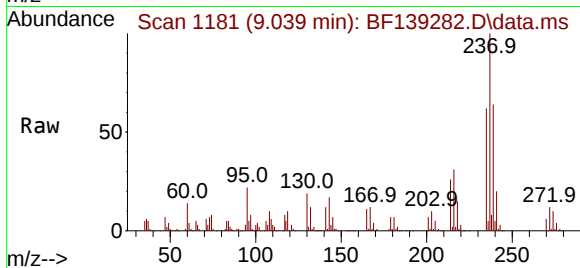
108 22.0 15.5 23.3



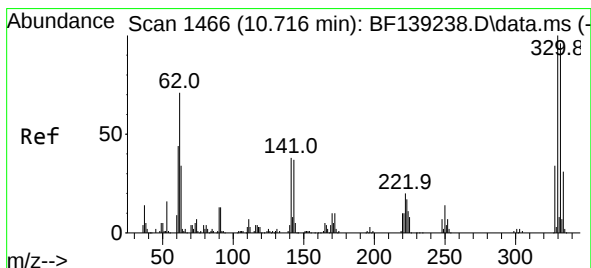
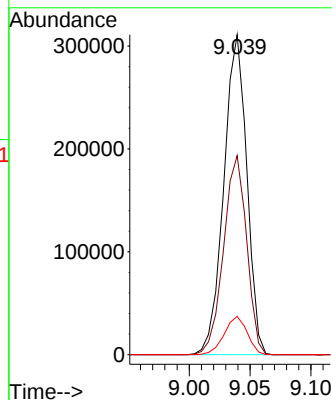
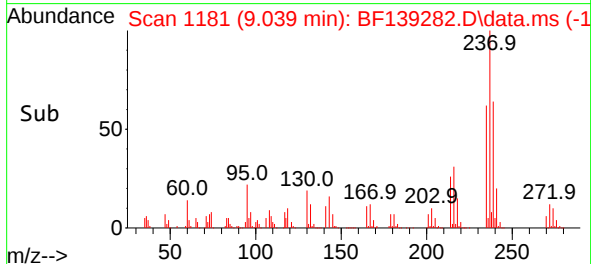


#41
Hexachlorocyclopentadiene
Concen: 181.675 ng
RT: 9.039 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

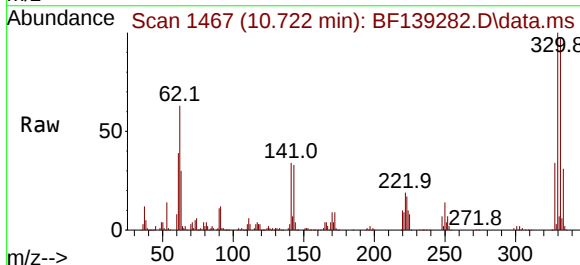
Instrument :
BNA_F
ClientSampleId :
PB163214BS



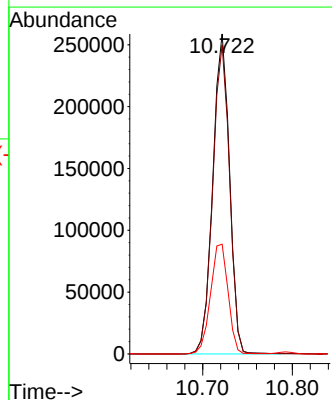
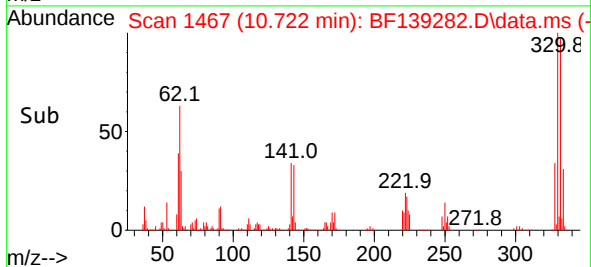
Tgt Ion: 237 Resp: 408718
Ion Ratio Lower Upper
237 100
235 62.2 41.4 81.4
272 12.0 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 157.163 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion: 330 Resp: 335784
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 36.0 30.1 45.1

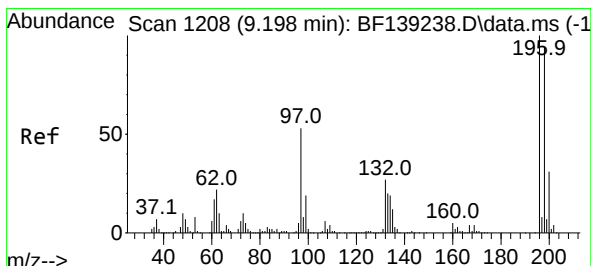
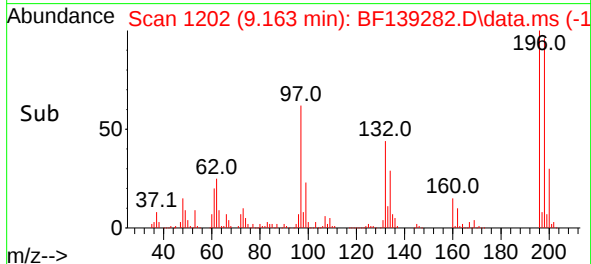
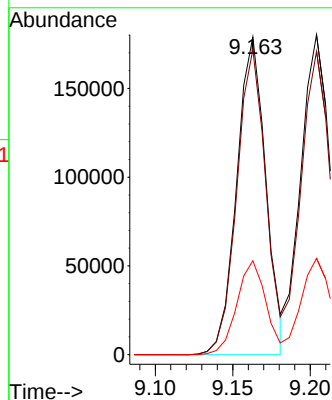
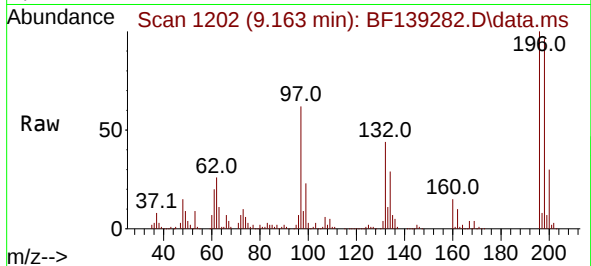




#43
2,4,6-Trichlorophenol
Concen: 50.897 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

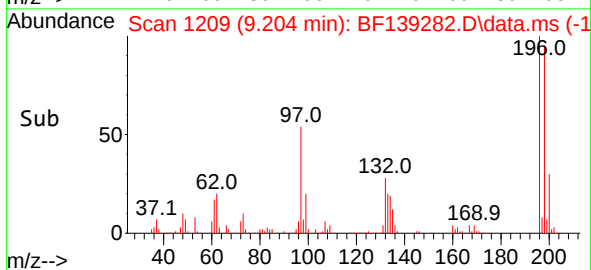
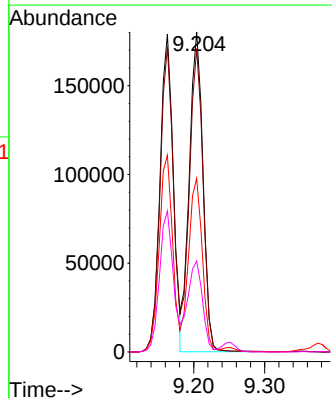
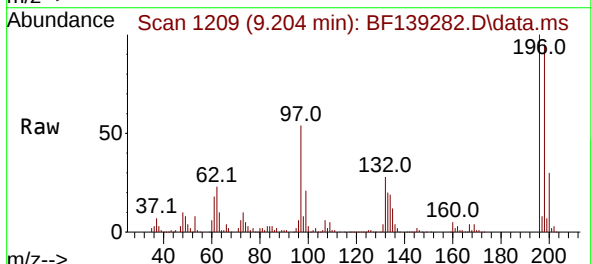
Instrument :
BNA_F
ClientSampleId :
PB163214BS

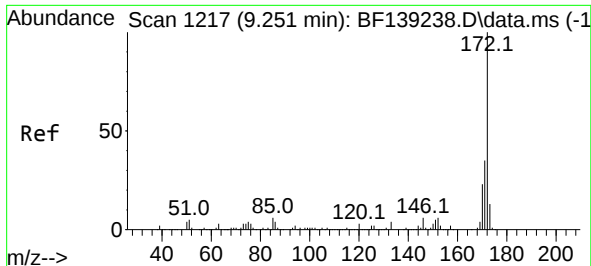
Tgt Ion:196 Resp: 233117
Ion Ratio Lower Upper
196 100
198 96.1 77.0 115.4
200 29.6 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 50.317 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:196 Resp: 241505
Ion Ratio Lower Upper
196 100
198 94.8 75.6 113.4
97 54.3 43.6 65.4
132 28.4 22.8 34.2

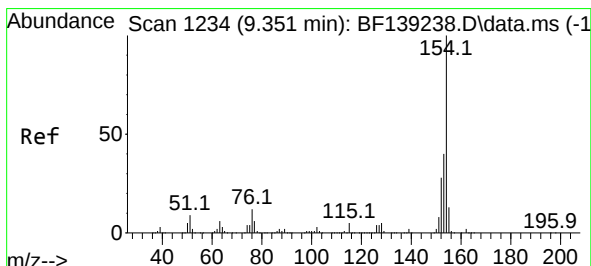
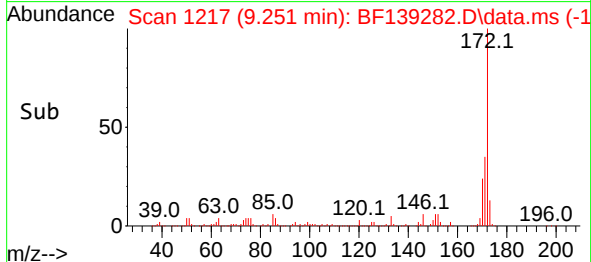
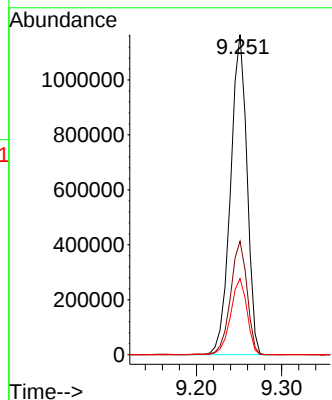
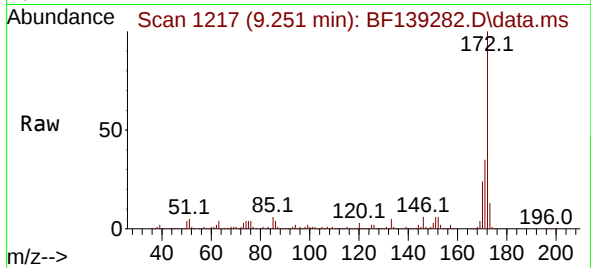




#45
2-Fluorobiphenyl
Concen: 97.366 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

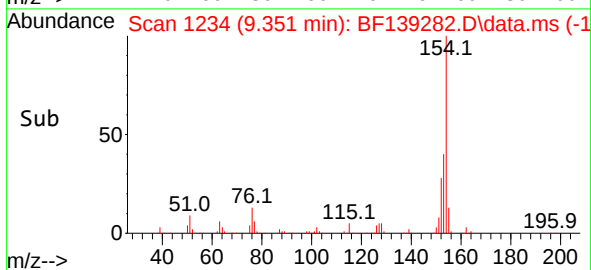
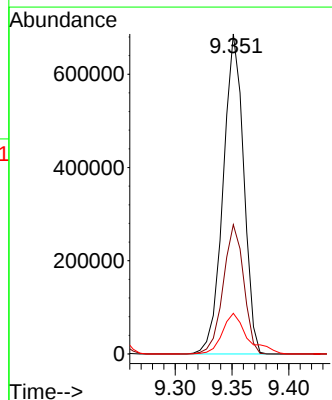
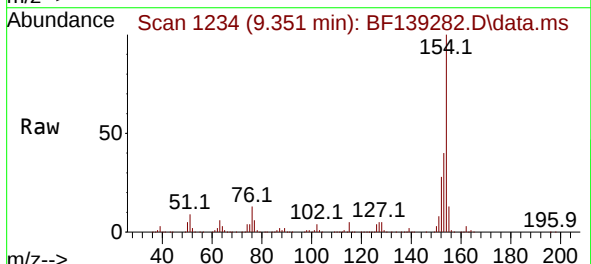
Instrument :
BNA_F
ClientSampleId :
PB163214BS

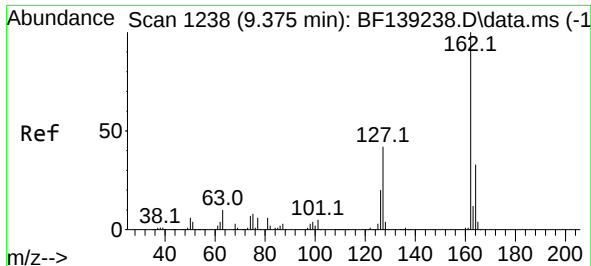
Tgt Ion:172 Resp: 1560634
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.8 18.7 28.1



#46
1,1'-Biphenyl
Concen: 47.080 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:154 Resp: 863058
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 12.7 0.0 32.3

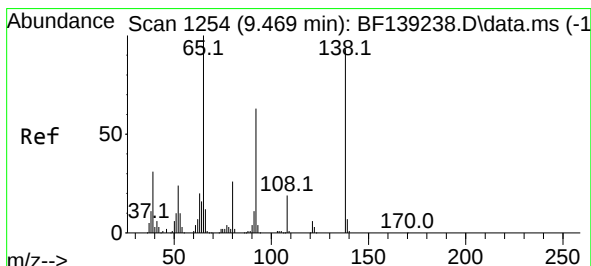
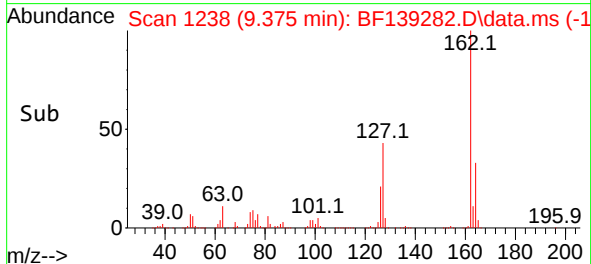
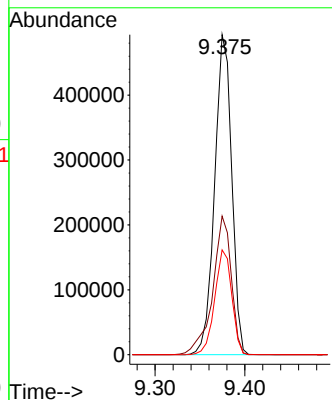
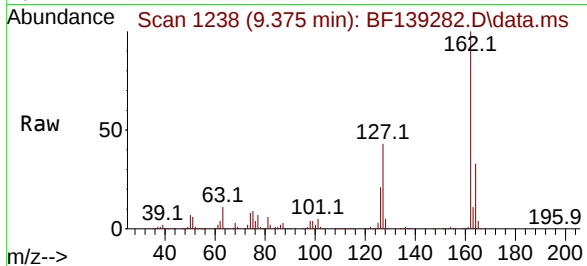




#47
2-Chloronaphthalene
Concen: 47.056 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

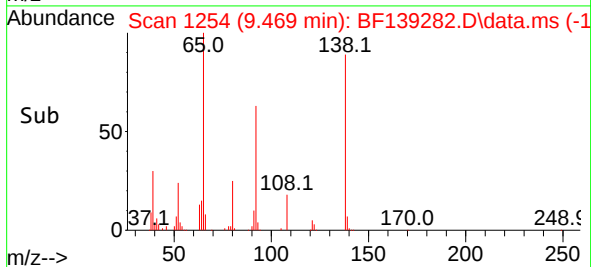
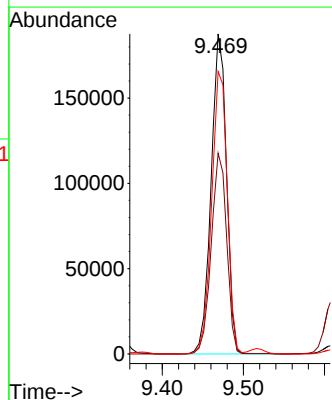
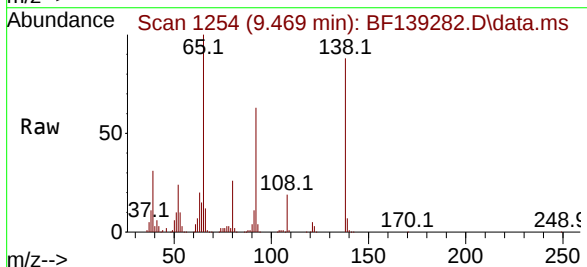
Instrument :
BNA_F
ClientSampleId :
PB163214BS

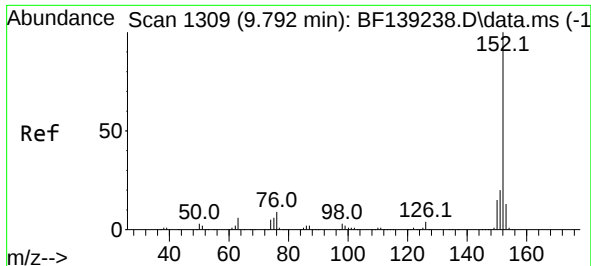
Tgt Ion:162 Resp: 651346
Ion Ratio Lower Upper
162 100
127 43.3 34.2 51.4
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 51.657 ng
RT: 9.469 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

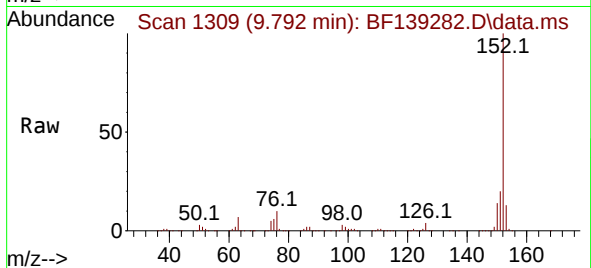
Tgt Ion: 65 Resp: 246287
Ion Ratio Lower Upper
65 100
92 62.7 50.4 75.6
138 88.2 74.2 111.4



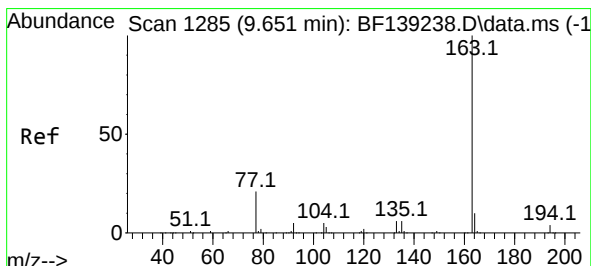
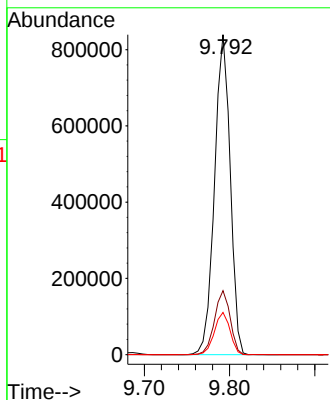
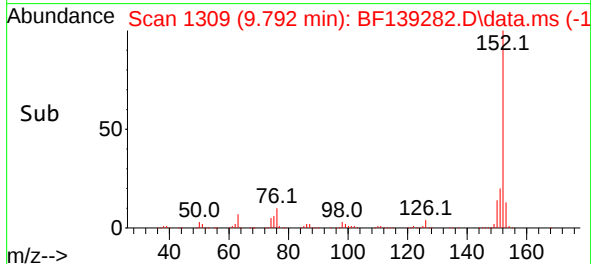


#49
Acenaphthylene
Concen: 51.438 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

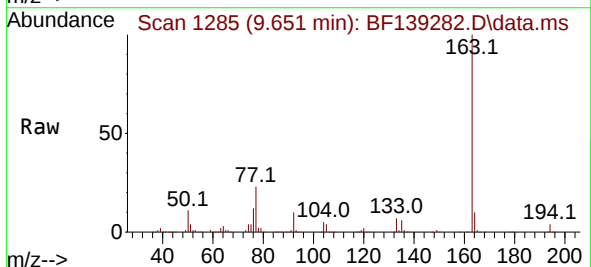
Instrument :
BNA_F
ClientSampleId :
PB163214BS



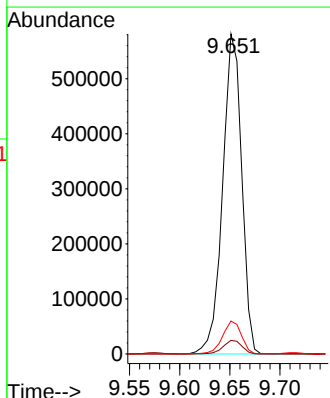
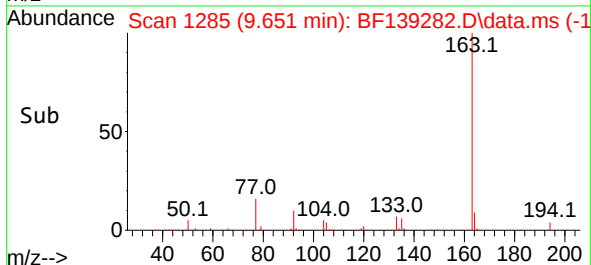
Tgt Ion:152 Resp: 1072377
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.4 15.6

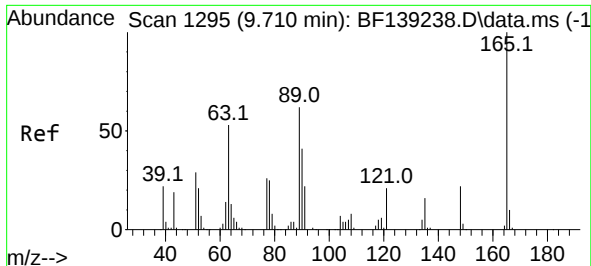


#50
Dimethylphthalate
Concen: 51.143 ng
RT: 9.651 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion:163 Resp: 766963
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.3 7.9 11.9

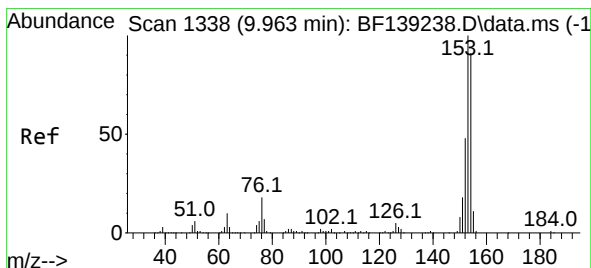
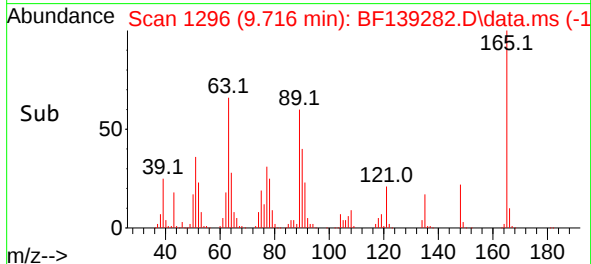
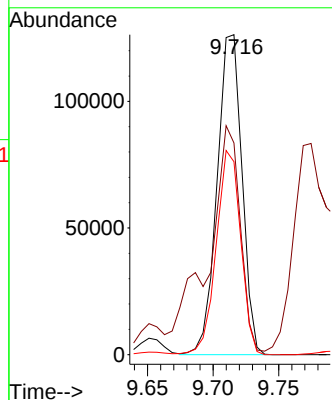
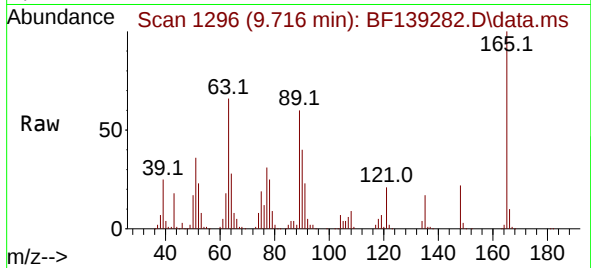




#51
2,6-Dinitrotoluene
Concen: 49.029 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

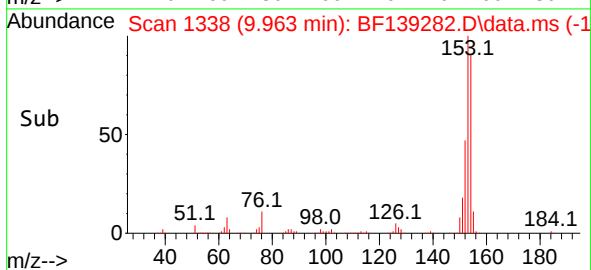
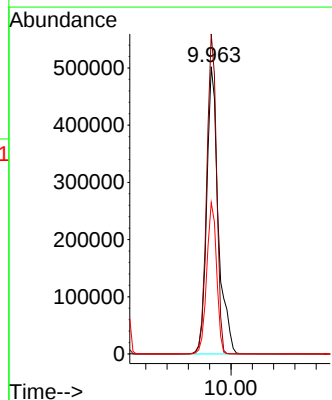
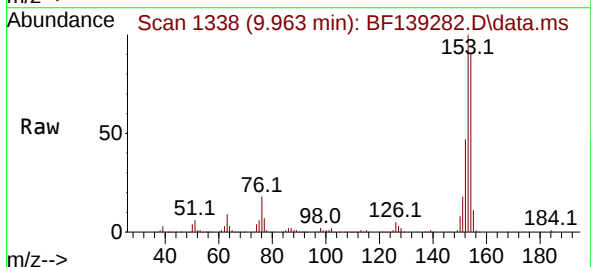
Instrument :
BNA_F
ClientSampleId :
PB163214BS

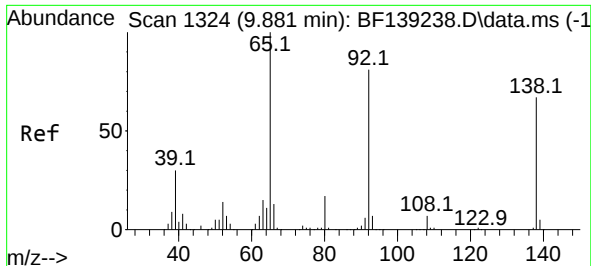
Tgt Ion:165 Resp: 166802
Ion Ratio Lower Upper
165 100
63 66.2 56.1 84.1
89 60.3 49.7 74.5



#52
Acenaphthene
Concen: 54.847 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:154 Resp: 758414
Ion Ratio Lower Upper
154 100
153 111.4 87.8 131.6
152 52.7 41.7 62.5

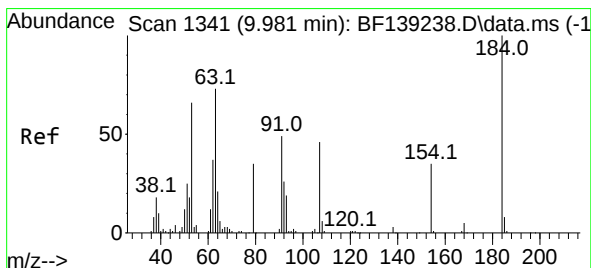
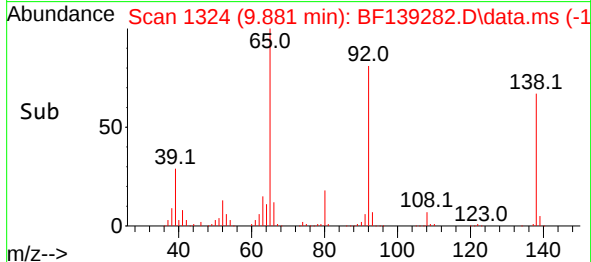
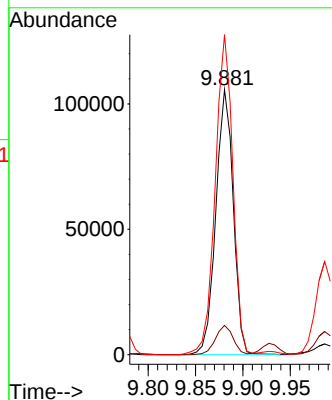
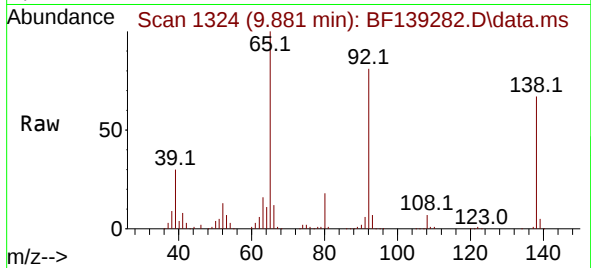




#53
3-Nitroaniline
Concen: 37.344 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

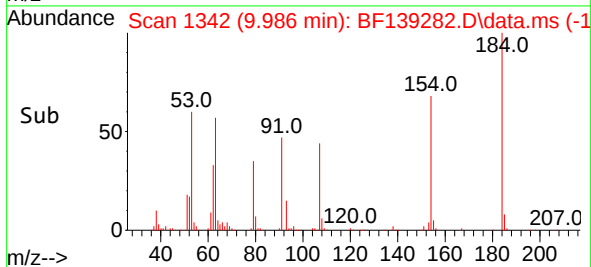
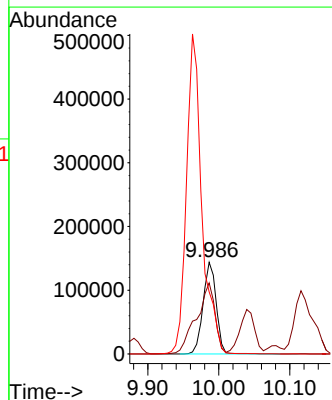
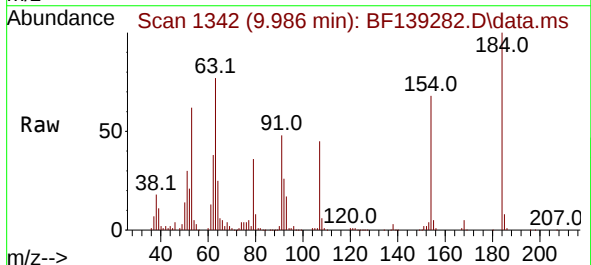
Instrument :
BNA_F
ClientSampleId :
PB163214BS

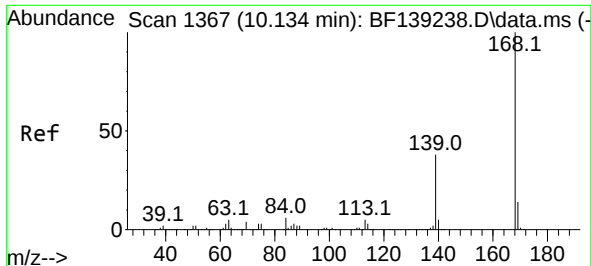
Tgt Ion:138 Resp: 135361
Ion Ratio Lower Upper
138 100
108 11.0 8.6 13.0
92 120.7 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 101.871 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.005 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:184 Resp: 185630
Ion Ratio Lower Upper
184 100
63 77.4 66.4 99.6
154 67.6 97.0 145.6#

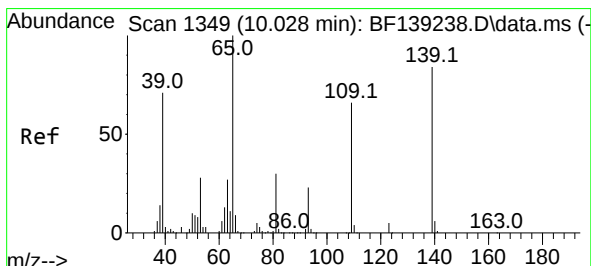
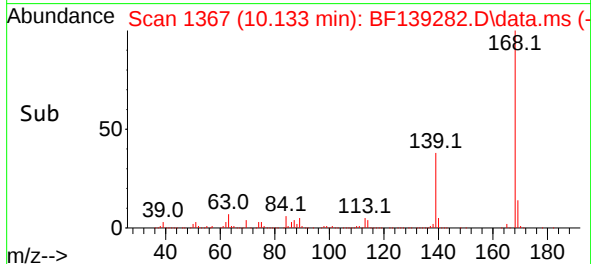
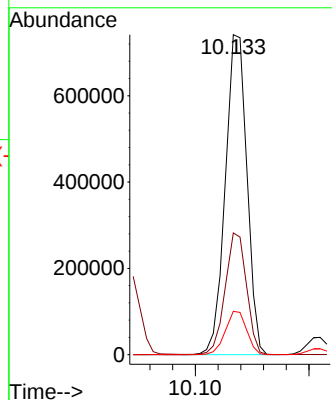
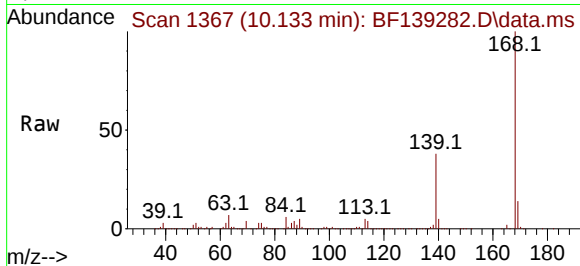




#55
Dibenzofuran
Concen: 49.505 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

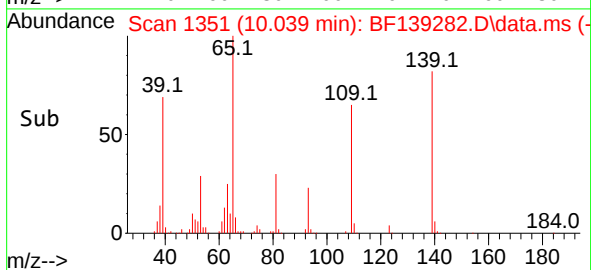
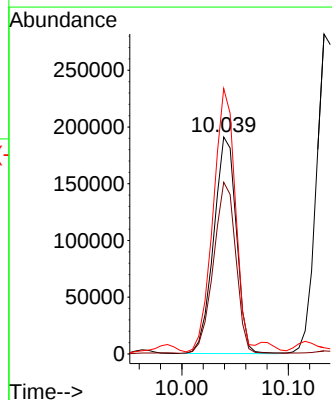
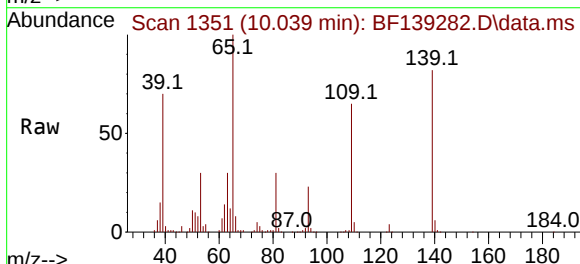
Instrument :
BNA_F
ClientSampleId :
PB163214BS

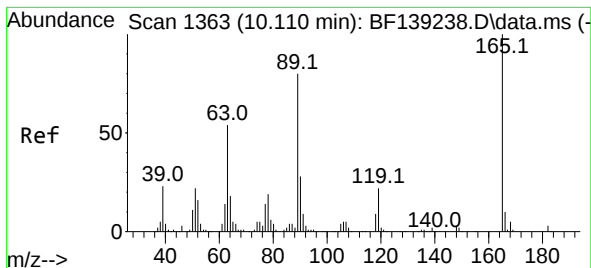
Tgt Ion:168 Resp: 981427
Ion Ratio Lower Upper
168 100
139 38.0 30.2 45.4
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 105.057 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:139 Resp: 281066
Ion Ratio Lower Upper
139 100
109 79.1 58.7 98.7
65 122.3 100.3 140.3

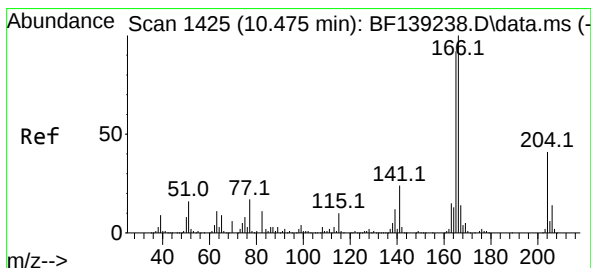
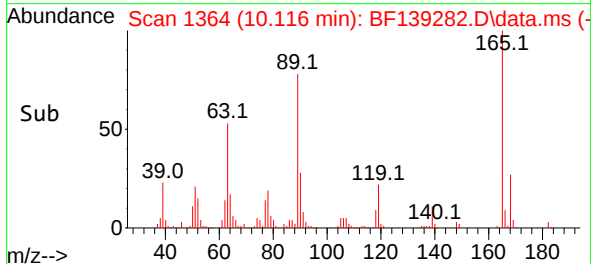
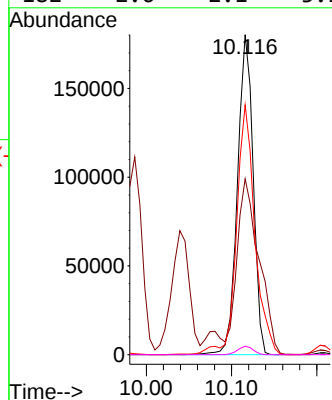
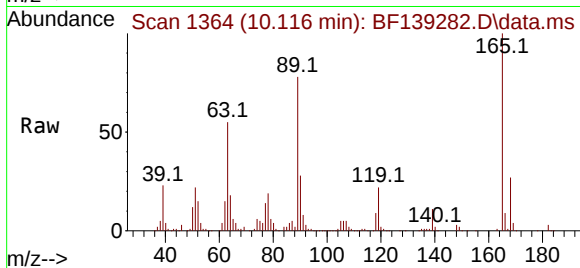




#57
2,4-Dinitrotoluene
Concen: 53.129 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

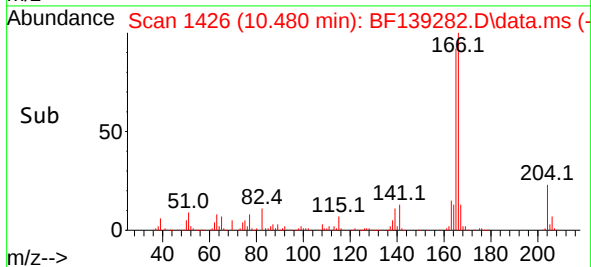
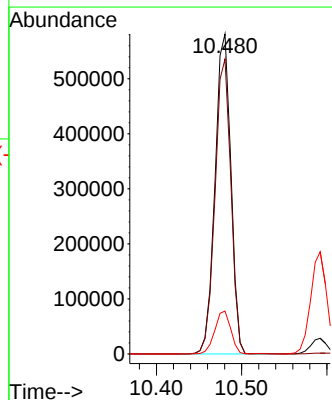
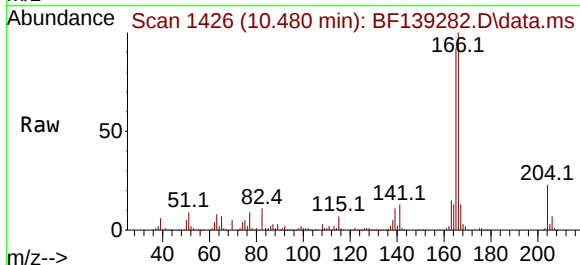
Instrument :
BNA_F
ClientSampleId :
PB163214BS

Tgt Ion:165 Resp: 230057
Ion Ratio Lower Upper
165 100
63 55.0 43.4 65.0
89 78.1 64.2 96.4
182 2.6 2.1 3.1



#58
Fluorene
Concen: 48.873 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:166 Resp: 751211
Ion Ratio Lower Upper
166 100
165 92.2 73.7 110.5
167 13.4 10.9 16.3



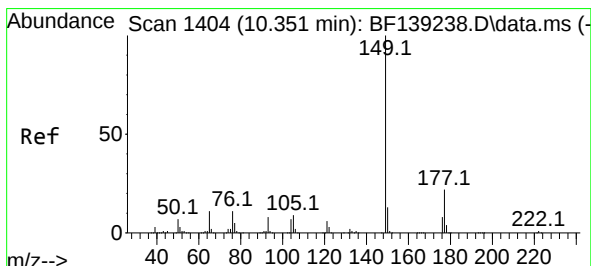
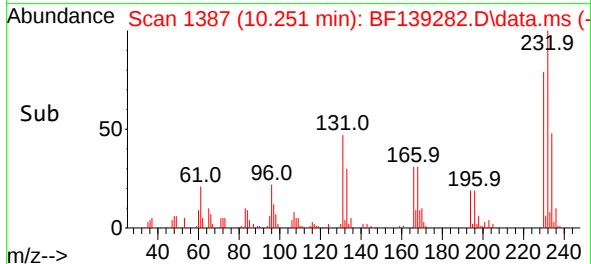
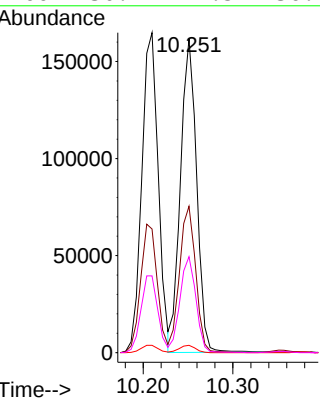
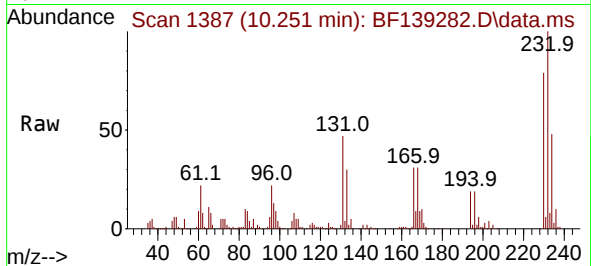


#59
2,3,4,6-Tetrachlorophenol
Concen: 53.434 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :
BNA_F
ClientSampleId :
PB163214BS

Tgt Ion:232 Resp: 201878

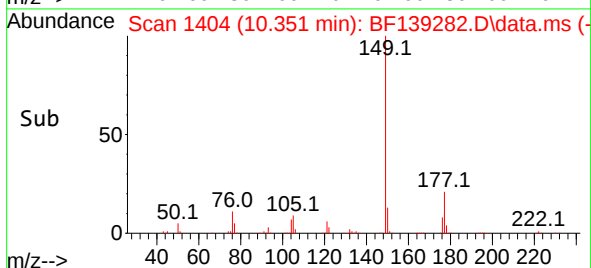
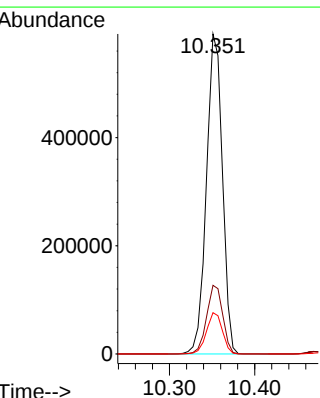
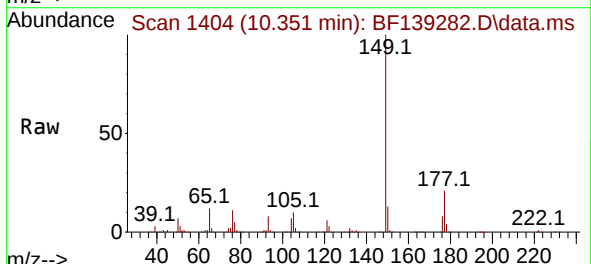
Ion	Ratio	Lower	Upper
232	100		
131	47.0	37.7	56.5
130	2.4	1.9	2.9
166	30.4	24.5	36.7

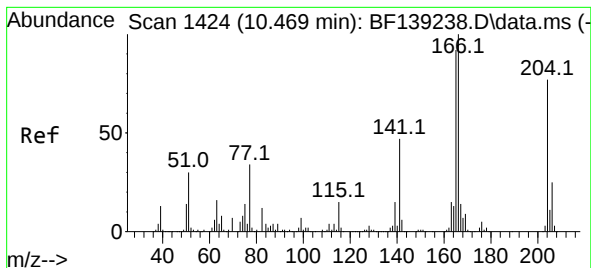


#60
Diethylphthalate
Concen: 52.268 ng
RT: 10.351 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:149 Resp: 771367

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.7	26.5
150	12.9	10.2	15.2

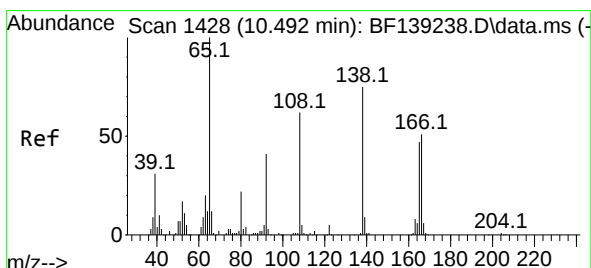
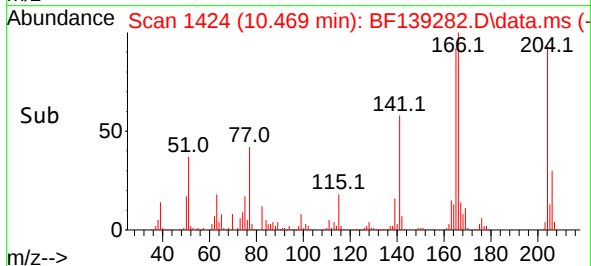
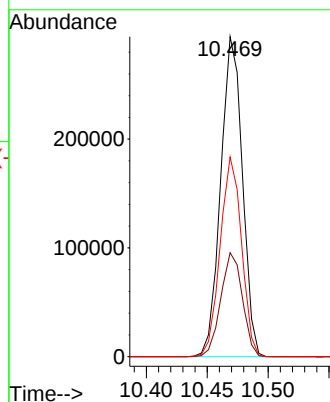
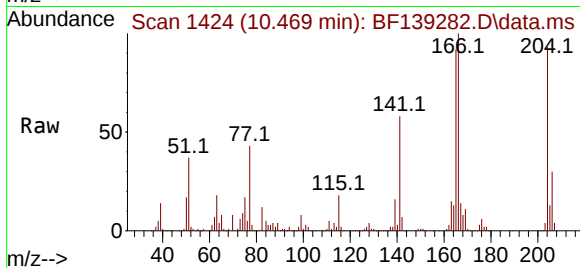




#61
4-Chlorophenyl-phenylether
Concen: 49.228 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

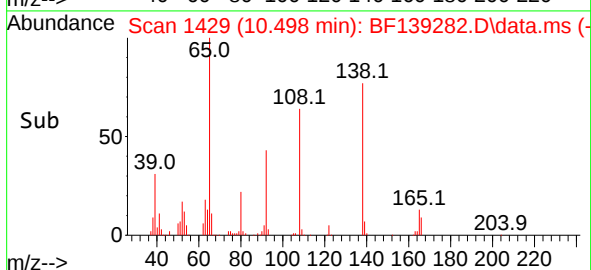
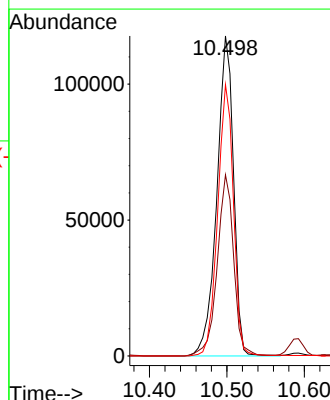
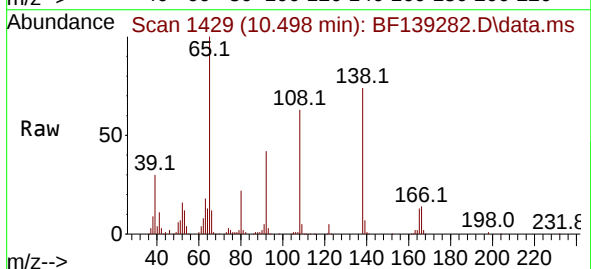
Instrument :
BNA_F
ClientSampleId :
PB163214BS

Tgt Ion:204 Resp: 364904
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 62.4 48.6 72.8



#62
4-Nitroaniline
Concen: 51.191 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:138 Resp: 176628
Ion Ratio Lower Upper
138 100
92 56.6 34.4 74.4
108 84.8 62.7 102.7





#63

Azobenzene

Concen: 50.958 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

Tgt Ion: 77 Resp: 792621

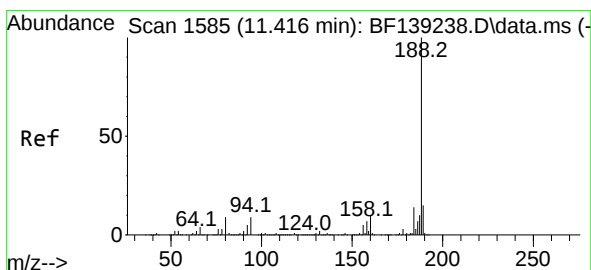
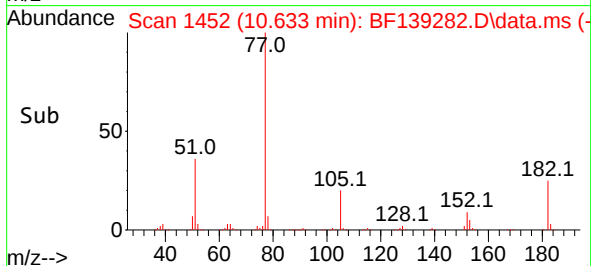
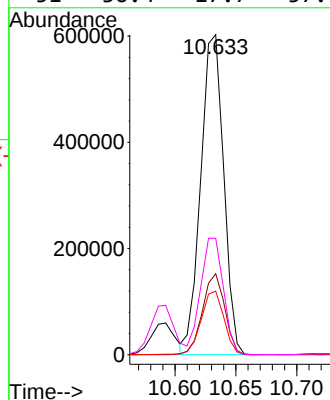
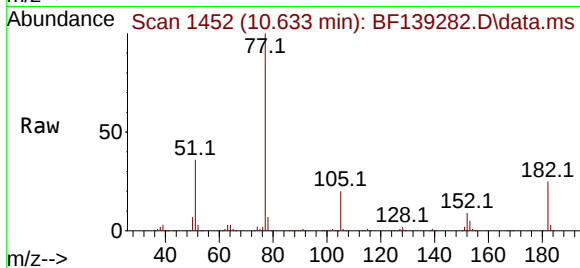
Ion Ratio Lower Upper

77 100

182 25.3 3.0 43.0

105 19.8 0.0 39.4

51 36.4 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

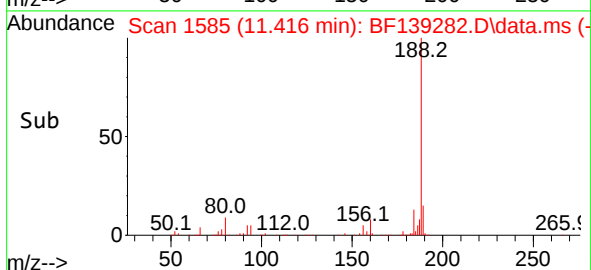
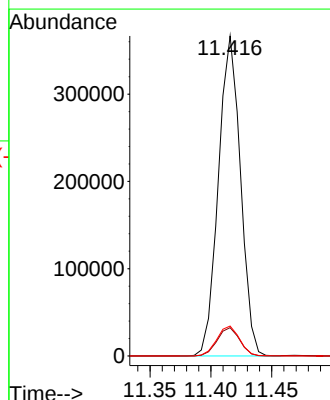
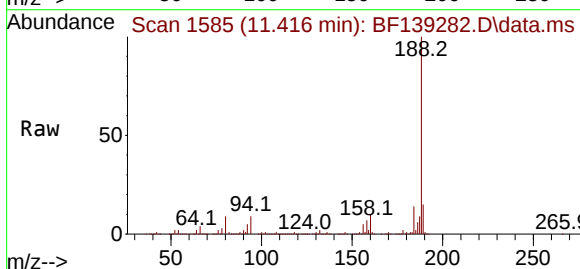
Tgt Ion:188 Resp: 463457

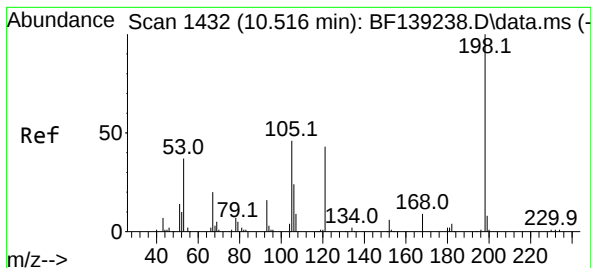
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 9.4 7.3 10.9

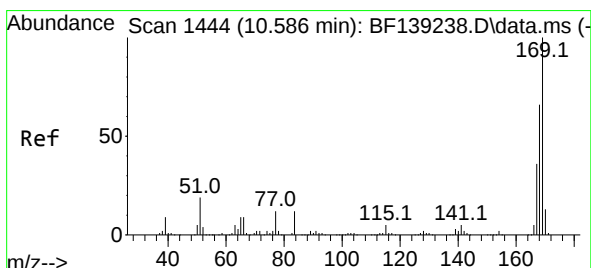
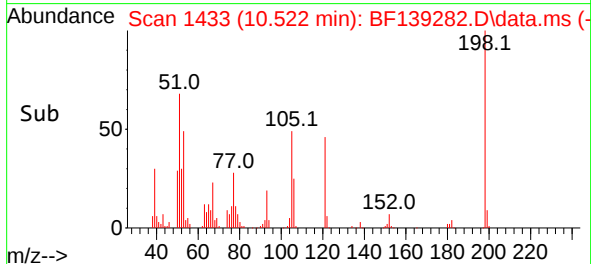
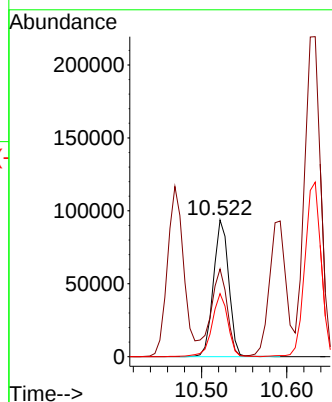
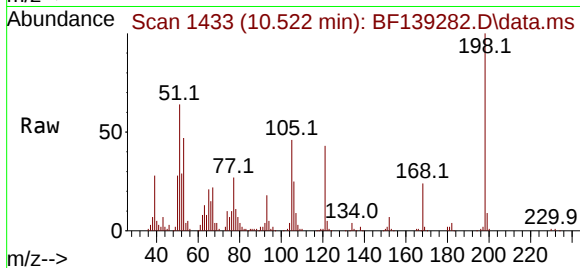




#65
4,6-Dinitro-2-methylphenol
Concen: 54.701 ng
RT: 10.522 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

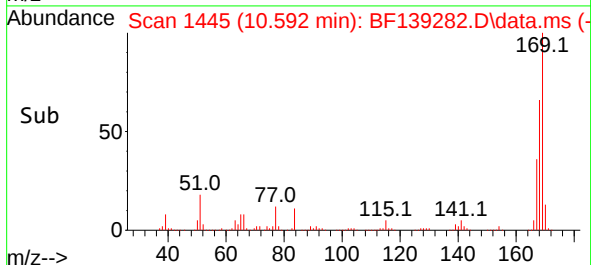
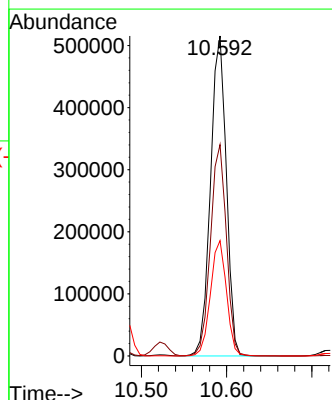
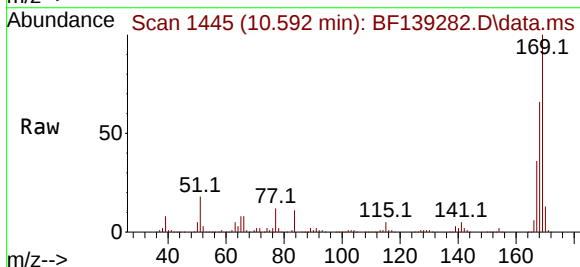
Instrument :
BNA_F
ClientSampleId :
PB163214BS

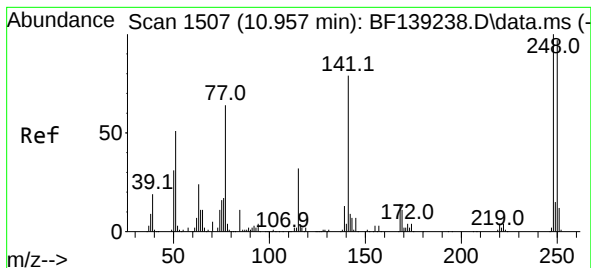
Tgt Ion:198 Resp: 117139
Ion Ratio Lower Upper
198 100
51 64.2 47.2 87.2
105 46.1 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 49.179 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:169 Resp: 663458
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 36.1 29.0 43.6

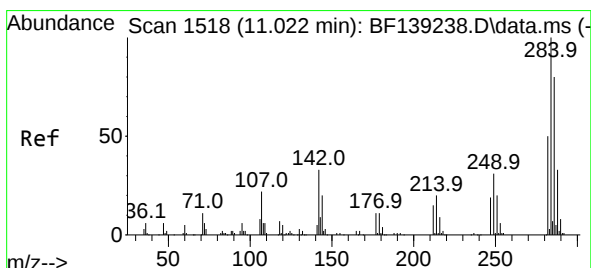
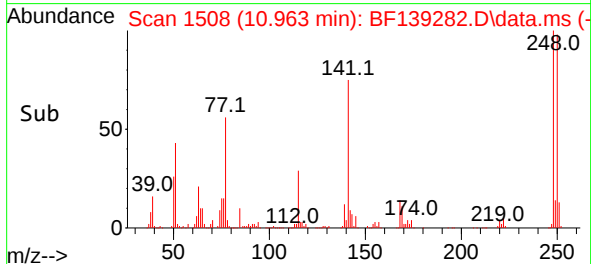
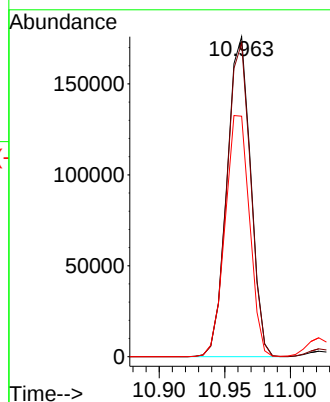
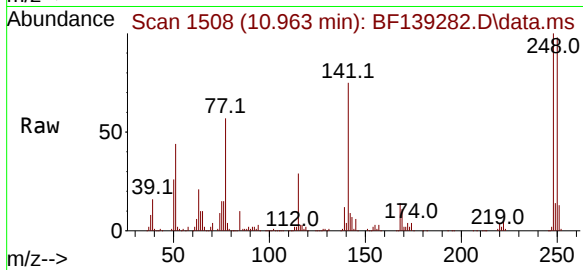




#67
4-Bromophenyl-phenylether
Concen: 49.292 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

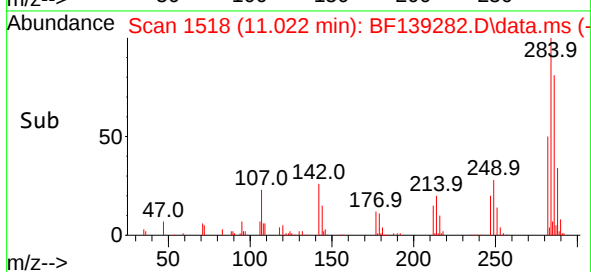
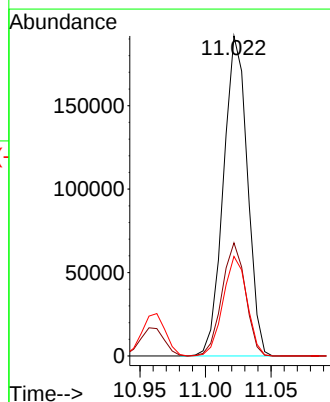
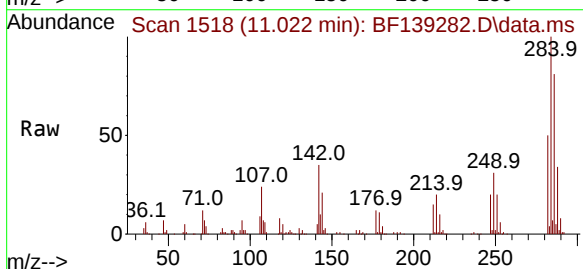
Instrument :
BNA_F
ClientSampleId :
PB163214BS

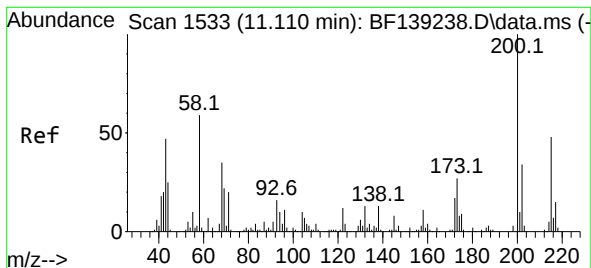
Tgt Ion:248 Resp: 221647
Ion Ratio Lower Upper
248 100
250 98.0 77.2 115.8
141 75.1 63.6 95.4



#68
Hexachlorobenzene
Concen: 47.284 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:284 Resp: 243401
Ion Ratio Lower Upper
284 100
142 35.3 26.5 39.7
249 31.1 24.8 37.2





#69

Atrazine

Concen: 67.794 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

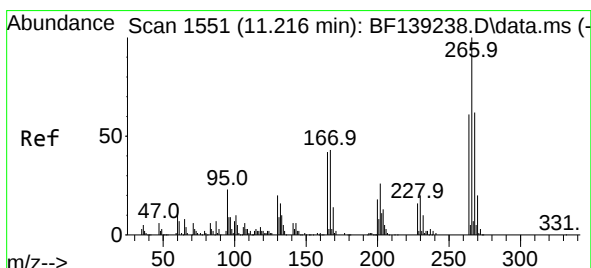
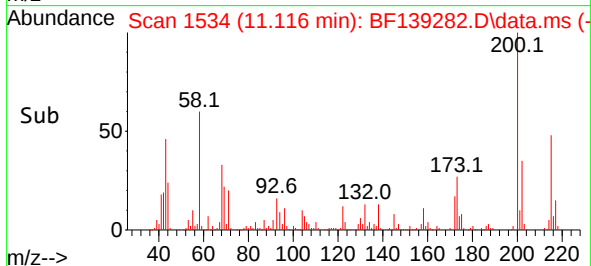
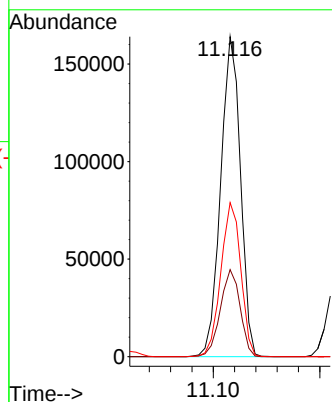
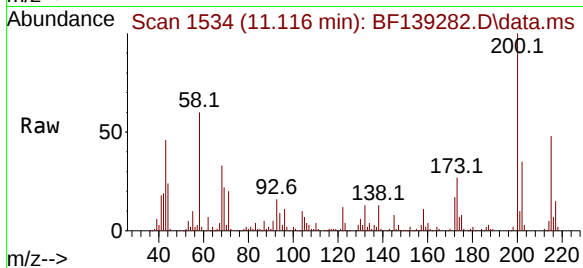
Tgt Ion:200 Resp: 211007

Ion Ratio Lower Upper

200 100

173 27.2 7.1 47.1

215 48.1 28.5 68.5



#70

Pentachlorophenol

Concen: 98.538 ng

RT: 11.216 min Scan# 1551

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

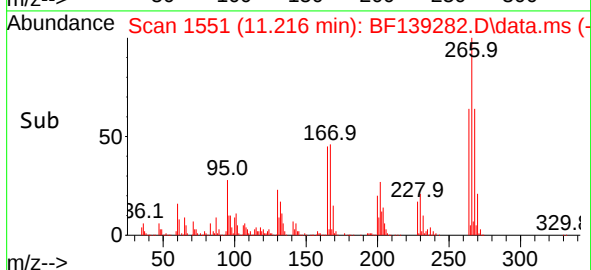
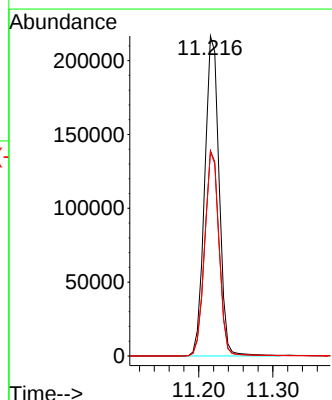
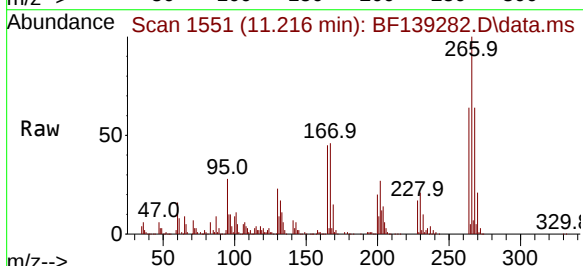
Tgt Ion:266 Resp: 293006

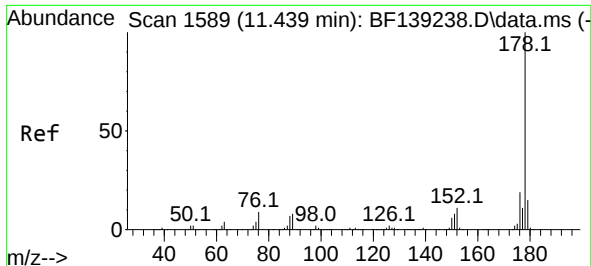
Ion Ratio Lower Upper

266 100

268 64.1 49.7 74.5

264 63.9 49.2 73.8

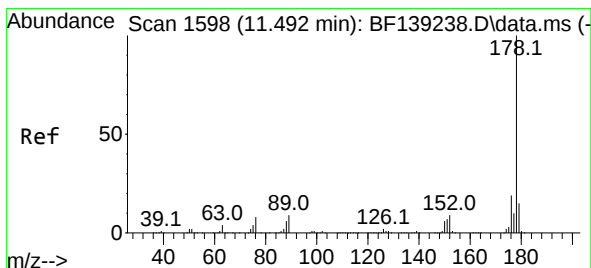
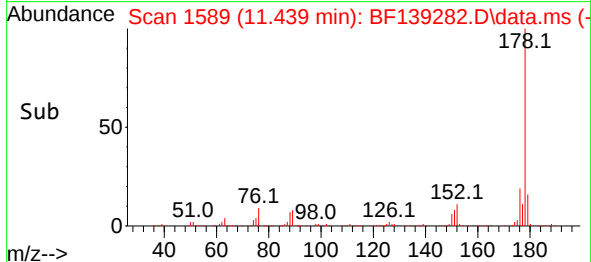
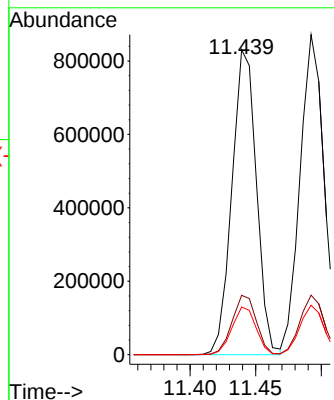
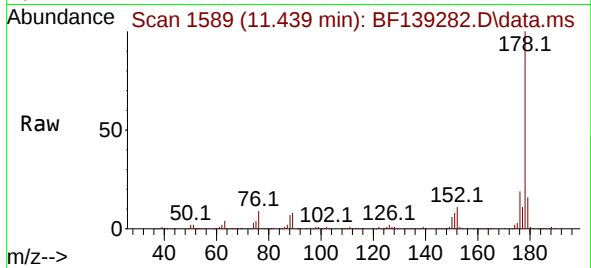




#71
Phenanthrene
Concen: 49.945 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

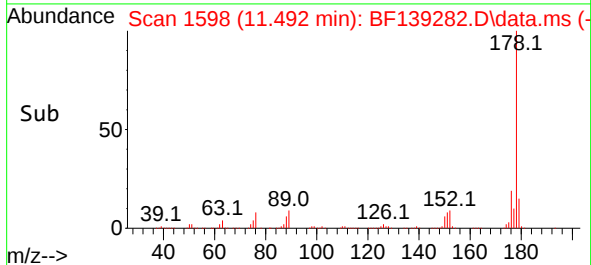
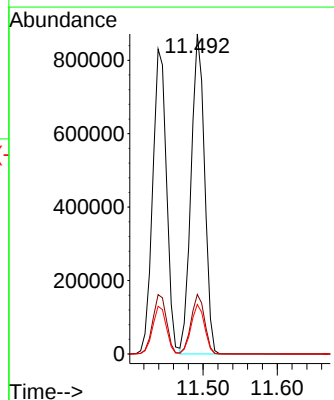
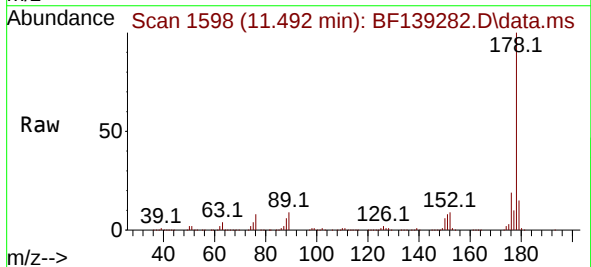
Instrument :
BNA_F
ClientSampleId :
PB163214BS

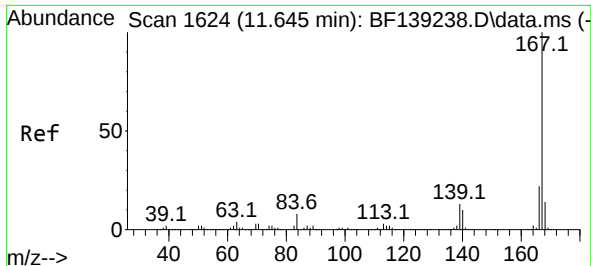
Tgt Ion:178 Resp: 1081340
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.6 12.3 18.5



#72
Anthracene
Concen: 51.948 ng
RT: 11.492 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

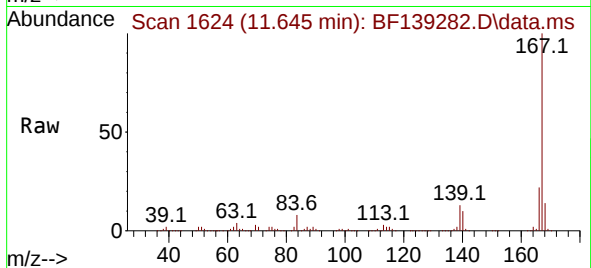
Tgt Ion:178 Resp: 1098698
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.3 18.5



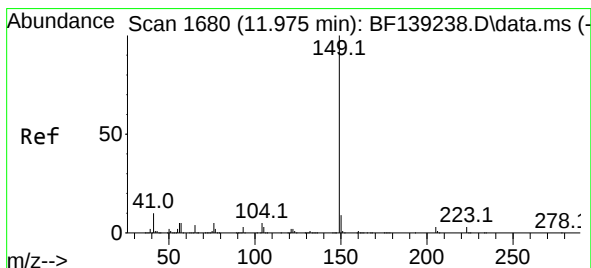
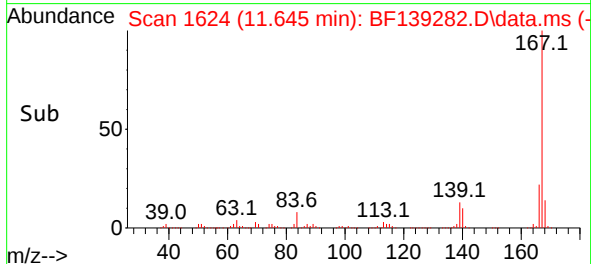
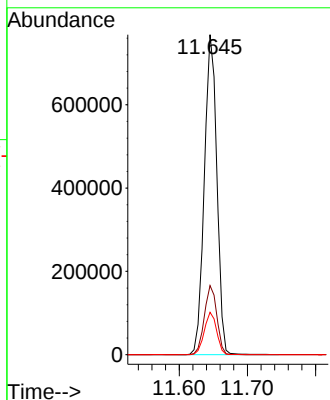


#73
 Carbazole
 Concen: 49.797 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. -0.000 min
 Lab File: BF139282.D
 Acq: 09 Sep 2024 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB163214BS

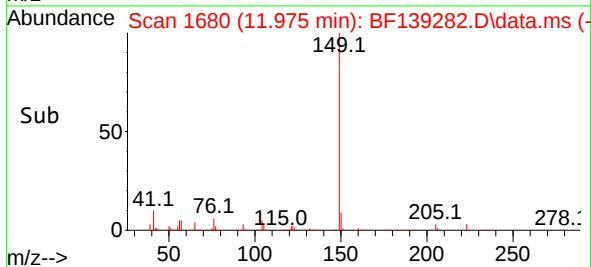
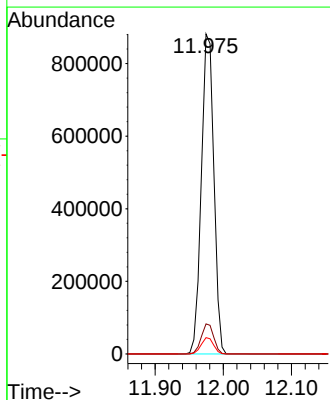
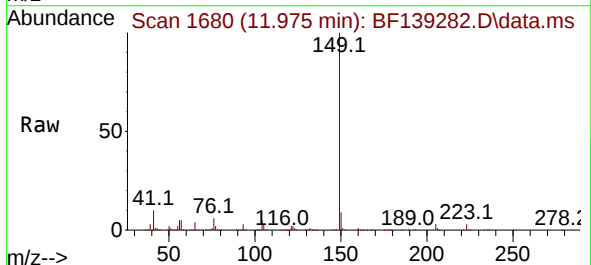


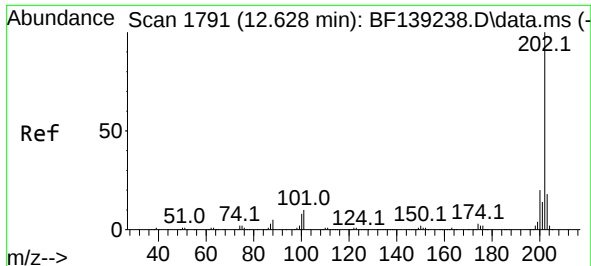
Tgt Ion:167 Resp: 984361
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.3 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 55.649 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BF139282.D
 Acq: 09 Sep 2024 14:45

Tgt Ion:149 Resp: 1126324
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.1 3.9 5.9

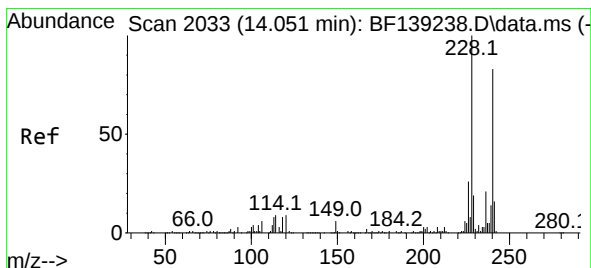
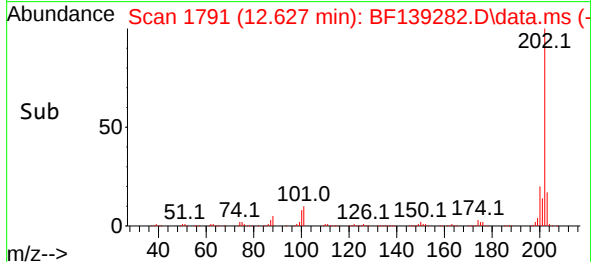
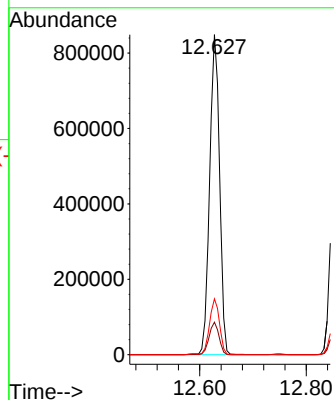
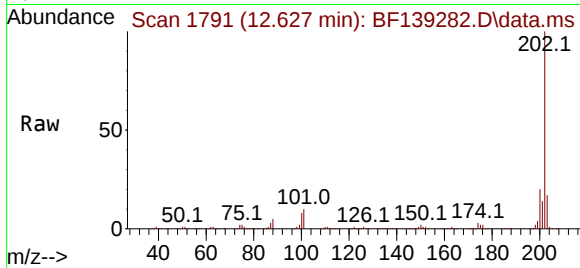




#75
Fluoranthene
Concen: 50.405 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

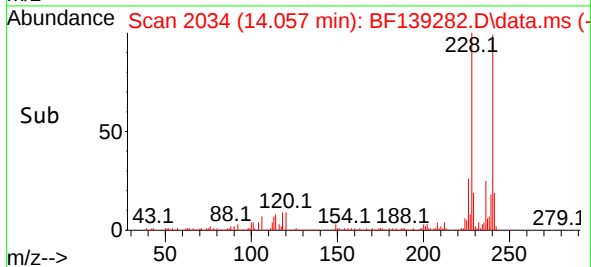
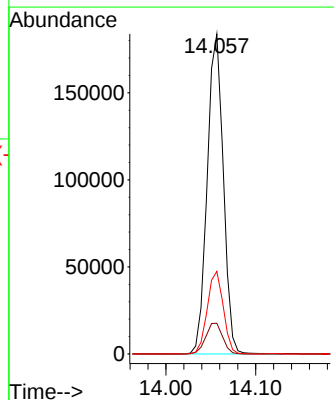
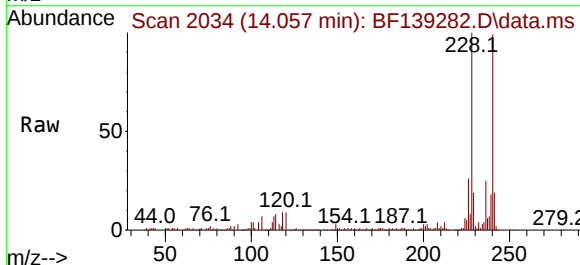
Instrument :
BNA_F
ClientSampleId :
PB163214BS

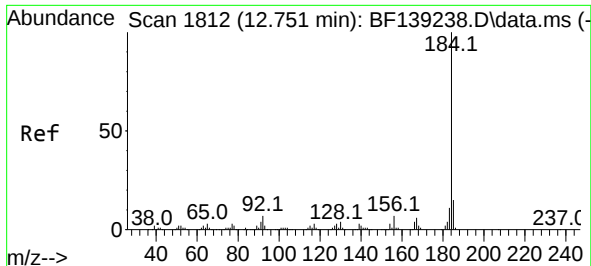
Tgt Ion:202 Resp: 1094071
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.9
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:240 Resp: 229103
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 25.8 20.7 31.1

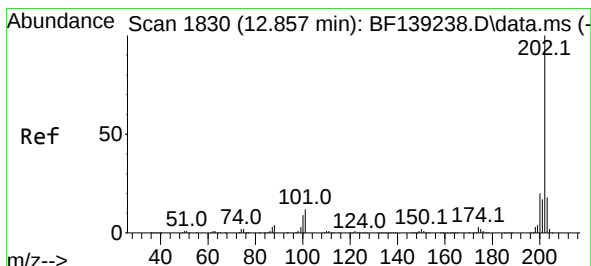
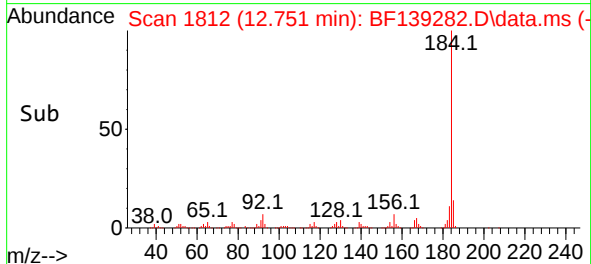
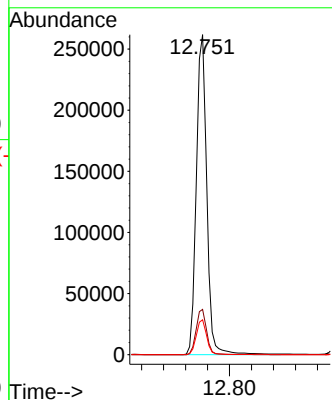
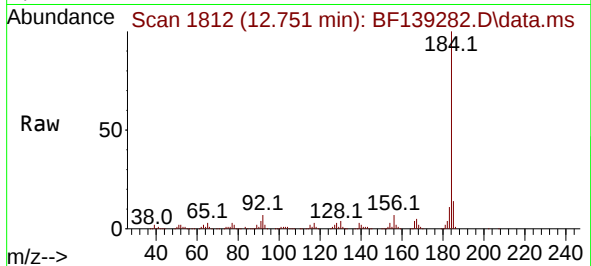




#77
Benzidine
Concen: 74.970 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

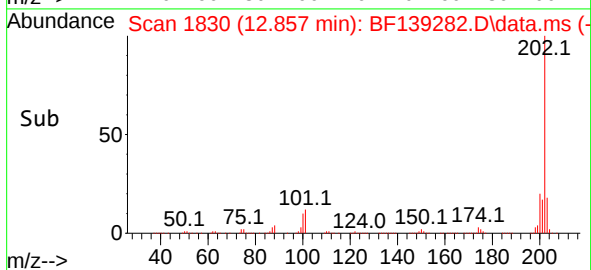
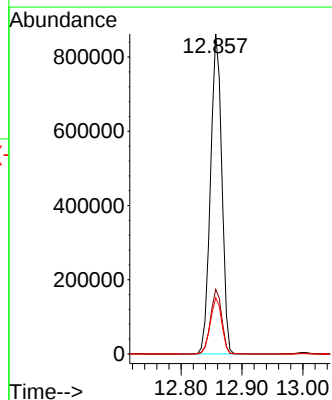
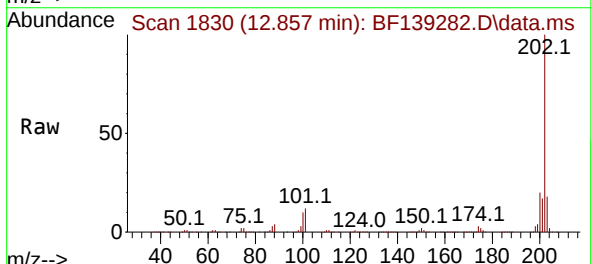
Instrument :
BNA_F
ClientSampleId :
PB163214BS

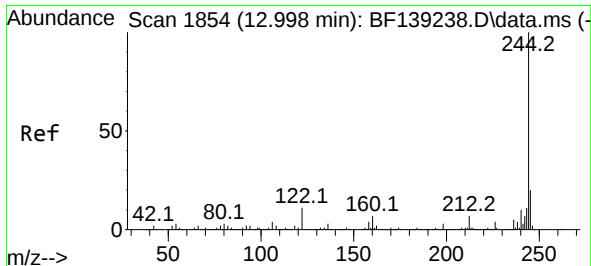
Tgt Ion:184 Resp: 345841
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 10.9 8.8 13.2



#78
Pyrene
Concen: 50.260 ng
RT: 12.857 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:202 Resp: 1112324
Ion Ratio Lower Upper
202 100
200 20.2 15.8 23.8
203 17.5 14.1 21.1

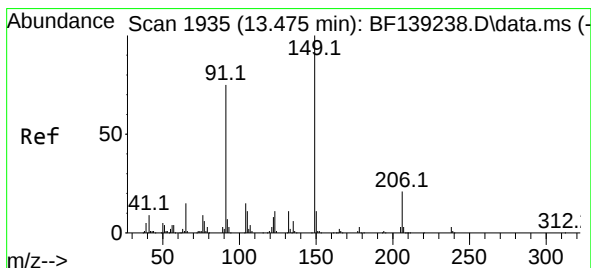
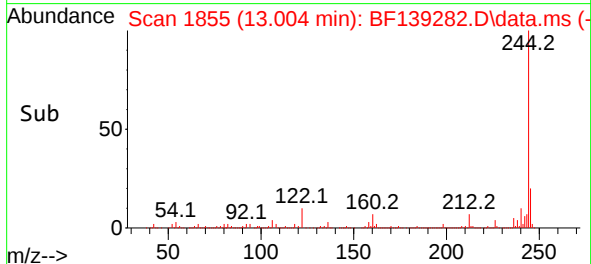
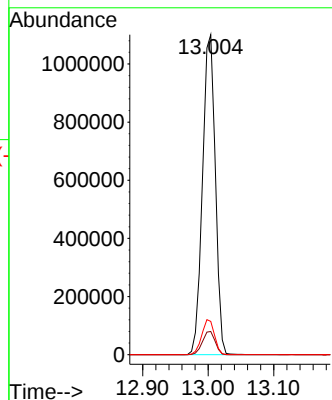
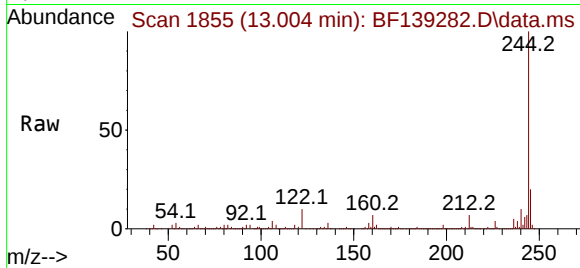




#79
 Terphenyl-d14
 Concen: 105.977 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF139282.D
 Acq: 09 Sep 2024 14:45

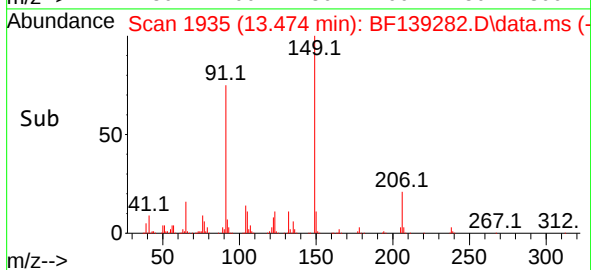
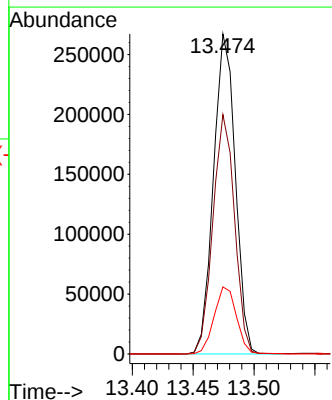
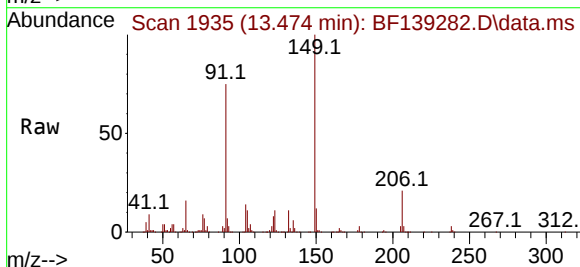
Instrument :
 BNA_F
 ClientSampleId :
 PB163214BS

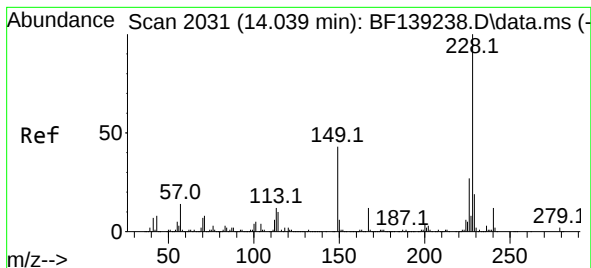
Tgt Ion:244 Resp: 1503770
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.4 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 63.826 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. -0.000 min
 Lab File: BF139282.D
 Acq: 09 Sep 2024 14:45

Tgt Ion:149 Resp: 332532
 Ion Ratio Lower Upper
 149 100
 91 74.8 60.3 90.5
 206 20.9 16.7 25.1





#81

Benzo(a)anthracene

Concen: 50.953 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

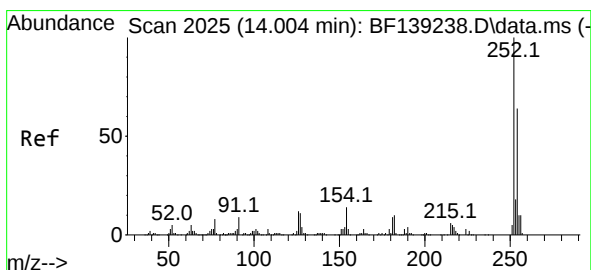
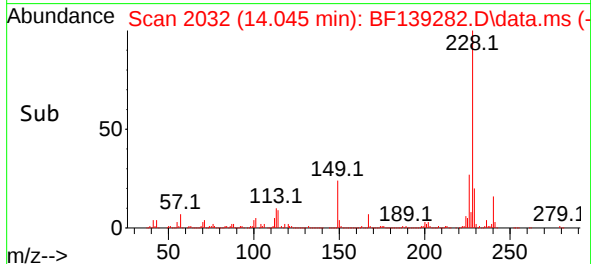
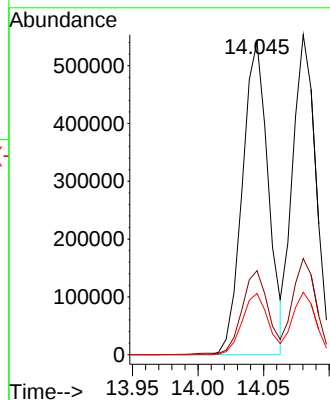
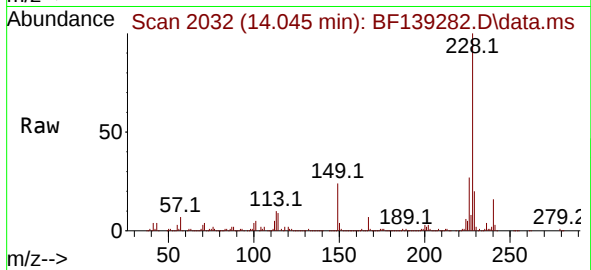
Tgt Ion:228 Resp: 745401

Ion Ratio Lower Upper

228 100

226 26.9 21.5 32.3

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 43.445 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

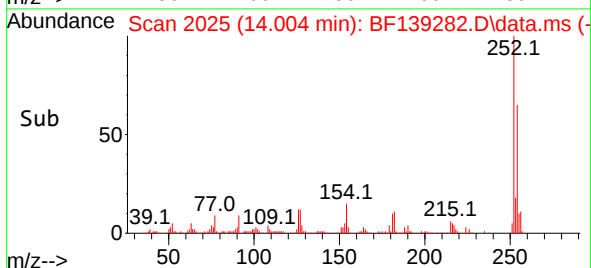
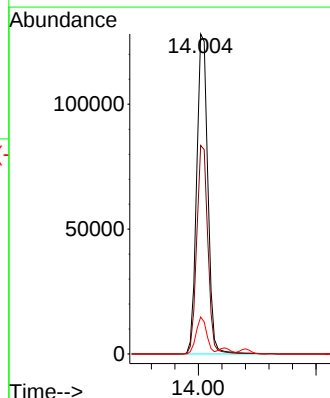
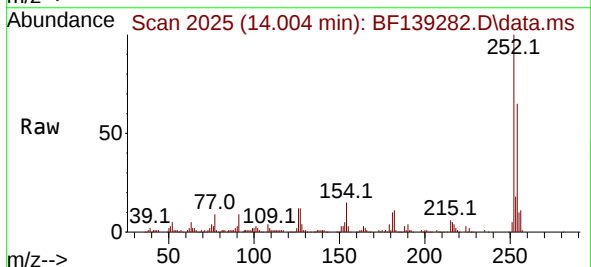
Tgt Ion:252 Resp: 168786

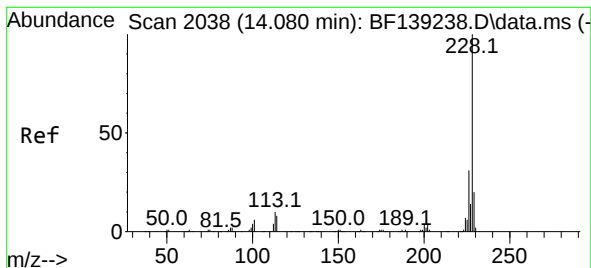
Ion Ratio Lower Upper

252 100

254 65.2 51.5 77.3

126 11.5 9.2 13.8





#83

Chrysene

Concen: 49.804 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

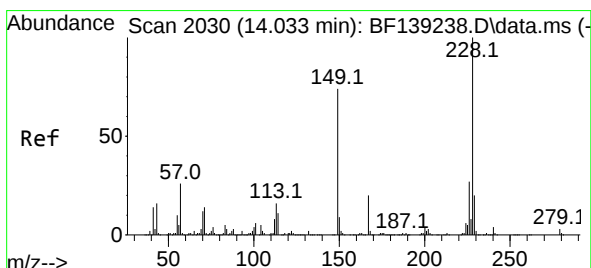
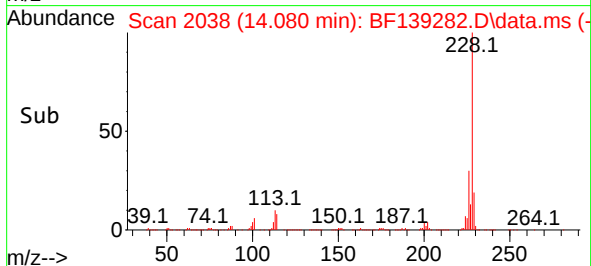
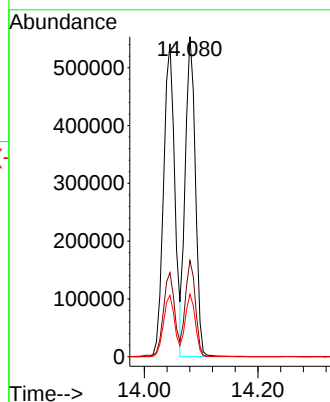
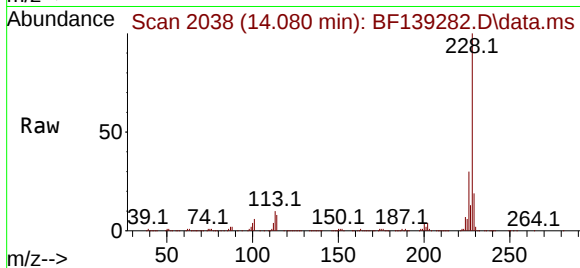
Tgt Ion:228 Resp: 680006

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.122 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

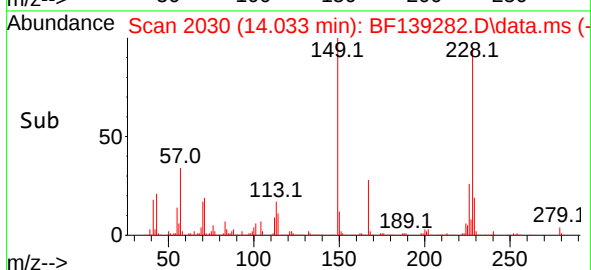
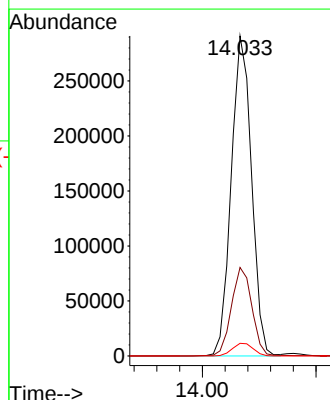
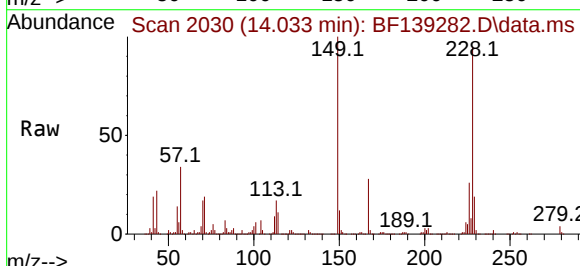
Tgt Ion:149 Resp: 361537

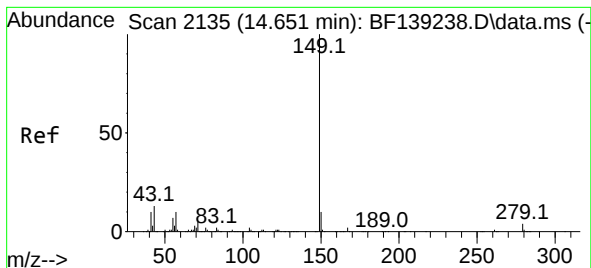
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 52.131 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

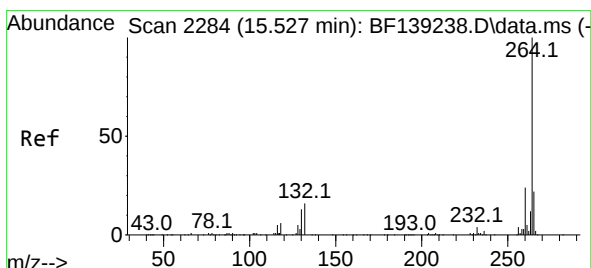
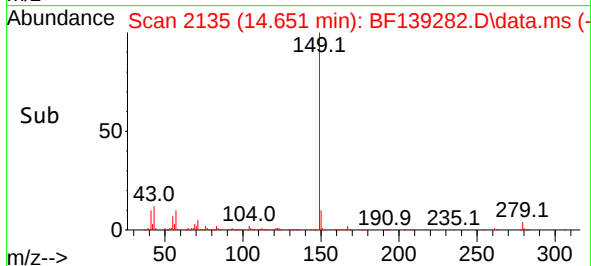
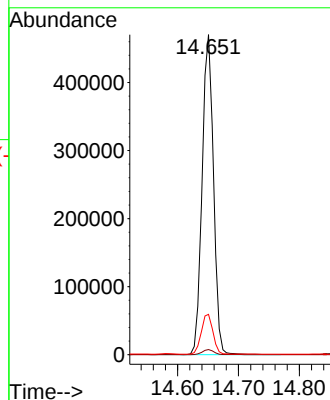
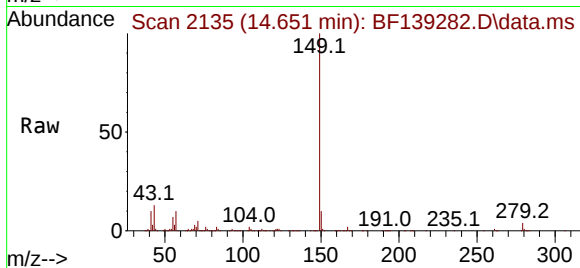
Tgt Ion:149 Resp: 610338

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.0 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

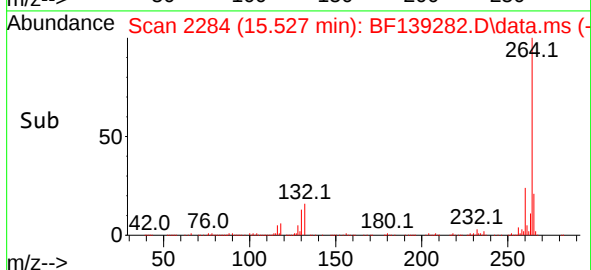
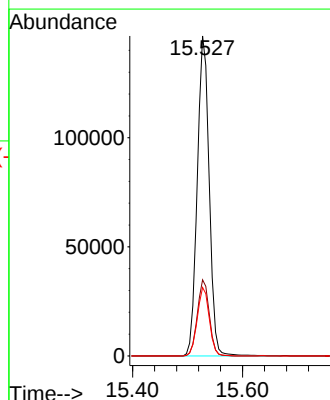
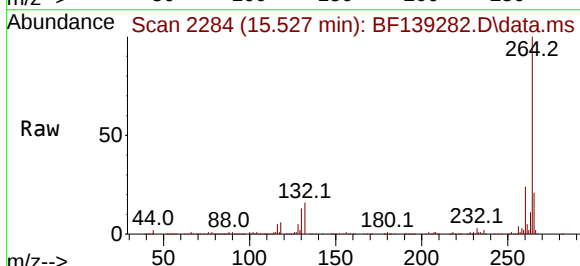
Tgt Ion:264 Resp: 221245

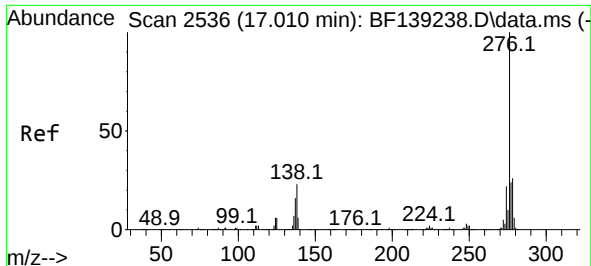
Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

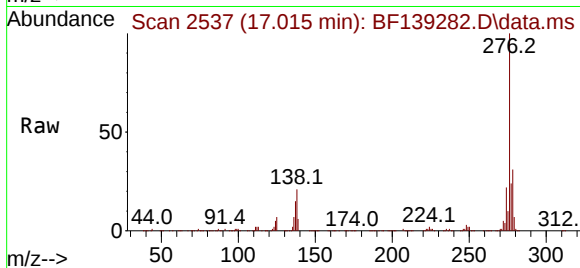
265 21.4 17.3 25.9



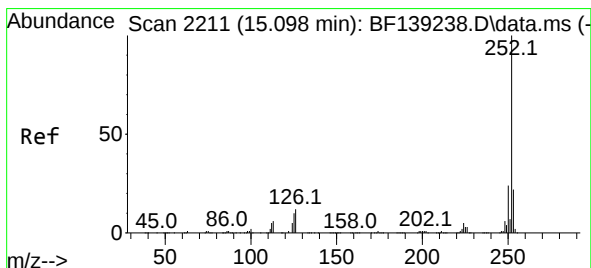
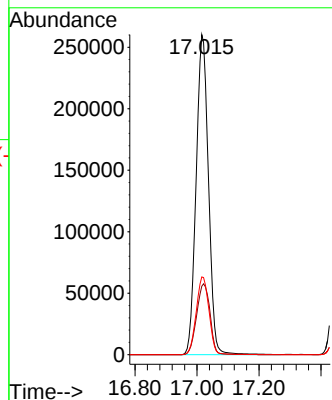
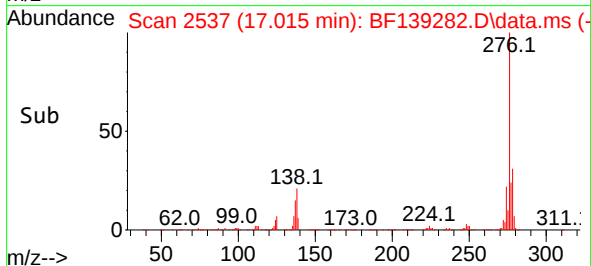


#87
Indeno(1,2,3-cd)pyrene
Concen: 51.896 ng
RT: 17.015 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

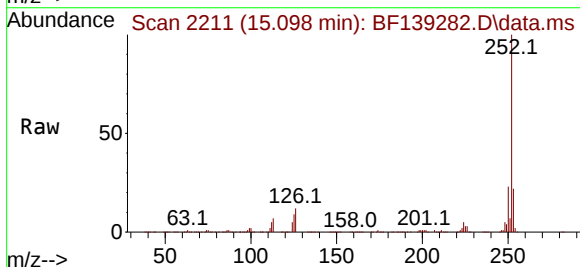
Instrument :
BNA_F
ClientSampleId :
PB163214BS



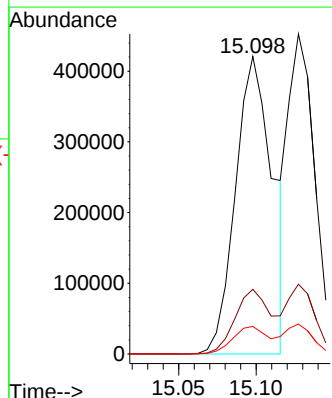
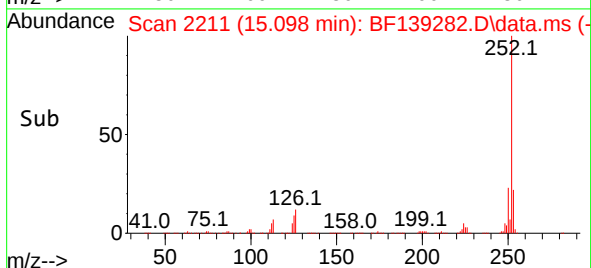
Tgt Ion:276 Resp: 717280
Ion Ratio Lower Upper
276 100
138 24.0 20.4 30.6
277 25.2 20.3 30.5

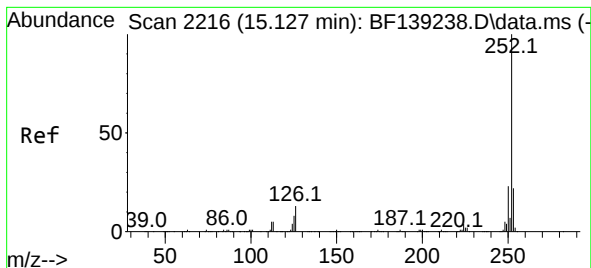


#88
Benzo(b)fluoranthene
Concen: 54.847 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion:252 Resp: 698834
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.2 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 47.576 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

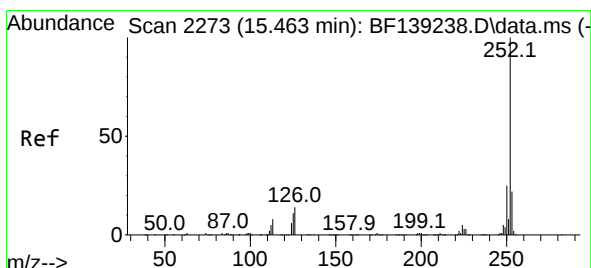
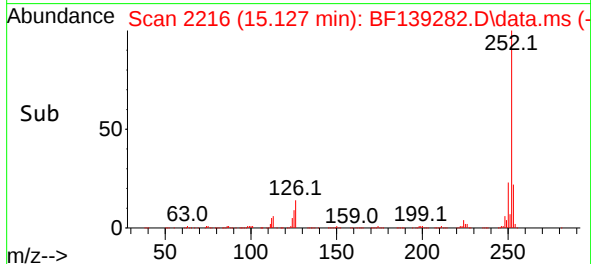
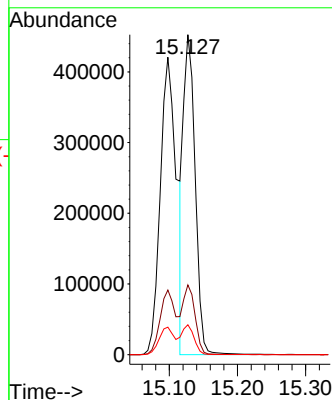
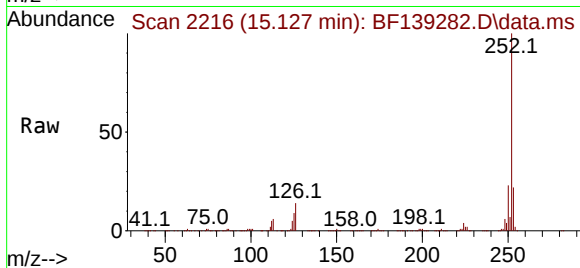
Tgt Ion:252 Resp: 543526

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.3 7.2 10.8



#90

Benzo(a)pyrene

Concen: 55.205 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

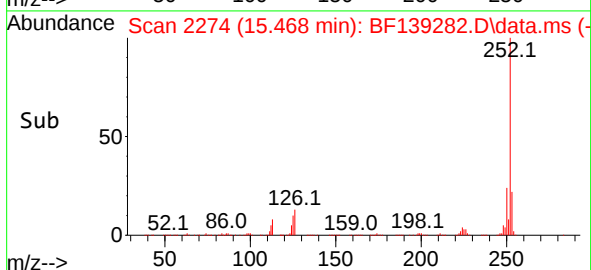
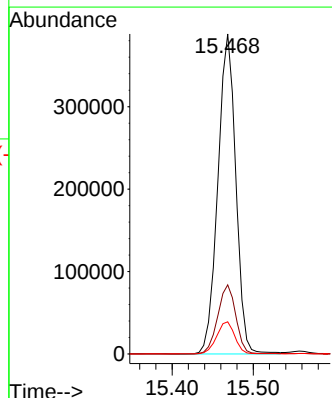
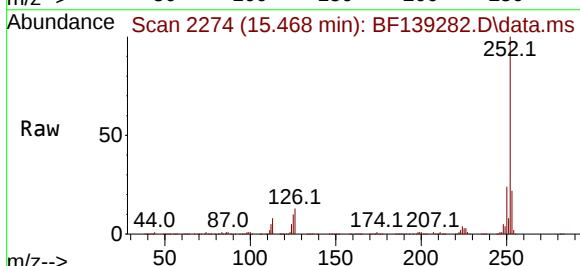
Tgt Ion:252 Resp: 597268

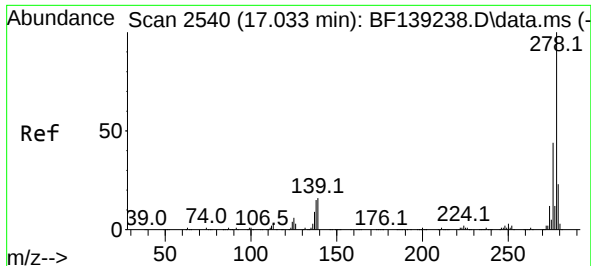
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.1 8.6 13.0

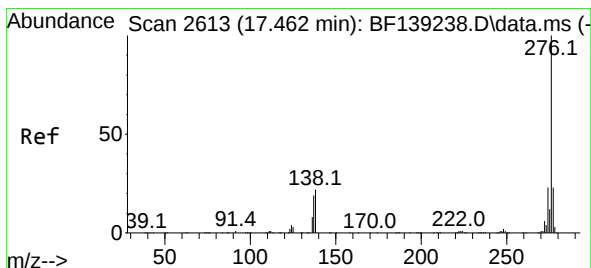
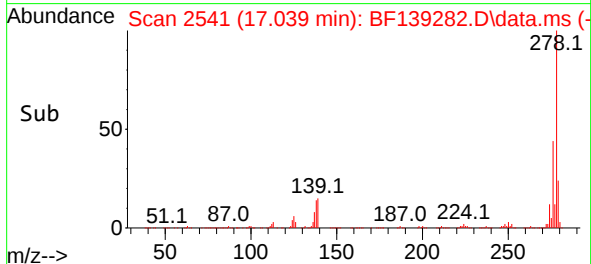
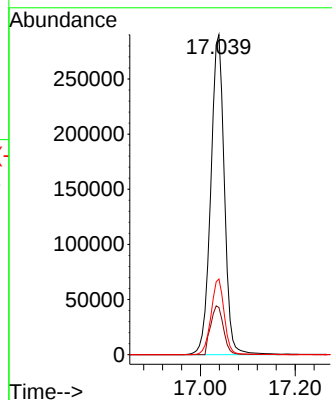
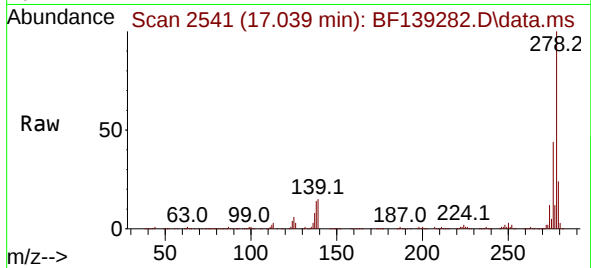




#91
Dibenzo(a,h)anthracene
Concen: 50.720 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :
BNA_F
ClientSampleId :
PB163214BS

Tgt Ion:278 Resp: 577715
Ion Ratio Lower Upper
278 100
139 14.8 12.6 19.0
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 46.488 ng
RT: 17.468 min Scan# 2614
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:276 Resp: 546573
Ion Ratio Lower Upper
276 100
277 23.2 18.6 27.8
138 20.6 17.4 26.0

