

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139422.D
 Acq On : 18 Sep 2024 12:36
 Operator : RC/JU
 Sample : PB163372BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163372BS

Quant Time: Sep 18 13:19:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	75483	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	282399	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	155789	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	284295	20.000	ng	0.00
76) Chrysene-d12	14.039	240	147073	20.000	ng	0.00
86) Perylene-d12	15.504	264	135838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	591780	127.896	ng	0.02
7) Phenol-d6	6.516	99	788377	129.810	ng	0.01
23) Nitrobenzene-d5	7.445	82	539615	89.831	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	220596	133.004	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1012998	91.197	ng	0.00
79) Terphenyl-d14	12.980	244	950187	106.044	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	63269	34.082	ng	99
3) Pyridine	3.516	79	166085	40.579	ng	97
4) n-Nitrosodimethylamine	3.475	42	143489	40.448	ng	93
6) Aniline	6.540	93	230326	50.253	ng	# 71
8) 2-Chlorophenol	6.663	128	212841	44.687	ng	100
9) Benzaldehyde	6.428	77	51061	14.552	ng	97
10) Phenol	6.528	94	281829	45.562	ng	89
11) bis(2-Chloroethyl)ether	6.616	93	201651	42.892	ng	99
12) 1,3-Dichlorobenzene	6.822	146	222539	41.083	ng	99
13) 1,4-Dichlorobenzene	6.898	146	229258	41.882	ng	99
14) 1,2-Dichlorobenzene	7.045	146	217466	42.044	ng	99
15) Benzyl Alcohol	7.022	79	218388	45.071	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	365346	50.424	ng	97
17) 2-Methylphenol	7.134	107	172965	45.707	ng	99
18) Hexachloroethane	7.393	117	88801	42.592	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	171067	47.532	ng	100
20) 3+4-Methylphenols	7.287	107	230089	44.566	ng	92
22) Acetophenone	7.287	105	312366	42.310	ng	97
24) Nitrobenzene	7.463	77	255792	41.374	ng	100
25) Isophorone	7.698	82	442047	46.530	ng	99
26) 2-Nitrophenol	7.775	139	113640	47.179	ng	97
27) 2,4-Dimethylphenol	7.816	122	177052	55.725	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	252039	46.550	ng	98
29) 2,4-Dichlorophenol	8.016	162	183620	45.492	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	194191	41.291	ng	99
31) Naphthalene	8.187	128	632097	42.875	ng	99
32) Benzoic acid	7.940	122	123175	41.426	ng	97
33) 4-Chloroaniline	8.228	127	142650	31.628	ng	100
34) Hexachlorobutadiene	8.298	225	133640	41.826	ng	99
35) Caprolactam	8.604	113	36435	29.345	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	206095	44.677	ng	100
37) 2-Methylnaphthalene	8.875	142	415646	44.417	ng	100
38) 1-Methylnaphthalene	8.975	142	391671	42.632	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	202798	43.923	ng	98
41) Hexachlorocyclopentadiene	9.028	237	261586	162.264	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	139635	46.485	ng	98

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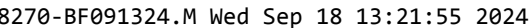
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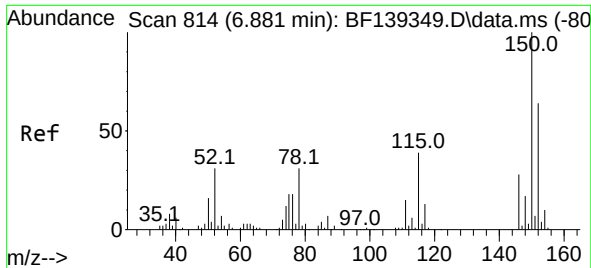
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	140219	44.253	ng	98
46) 1,1'-Biphenyl	9.339	154	526979	43.969	ng	99
47) 2-Chloronaphthalene	9.363	162	390734	43.602	ng	99
48) 2-Nitroaniline	9.457	65	148568	44.573	ng	98
49) Acenaphthylene	9.781	152	641141	47.529	ng	100
50) Dimethylphthalate	9.639	163	462992	45.280	ng	100
51) 2,6-Dinitrotoluene	9.698	165	100407	44.326	ng	98
52) Acenaphthene	9.951	154	471974	50.131	ng	99
53) 3-Nitroaniline	9.869	138	75186	33.213	ng	96
54) 2,4-Dinitrophenol	9.975	184	122002	96.658	ng	94
55) Dibenzofuran	10.122	168	589071	44.891	ng	97
56) 4-Nitrophenol	10.034	139	157186	83.914	ng	89
57) 2,4-Dinitrotoluene	10.104	165	136057	44.490	ng	99
58) Fluorene	10.463	166	470840	43.976	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	119476	45.582	ng	98
60) Diethylphthalate	10.339	149	479895	45.479	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	229009	44.012	ng	96
62) 4-Nitroaniline	10.486	138	100792	40.796	ng	94
63) Azobenzene	10.616	77	477578	46.017	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	74660	49.758	ng	98
66) n-Nitrosodiphenylamine	10.575	169	395217	47.549	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	132947	47.190	ng	98
68) Hexachlorobenzene	11.010	284	148576	44.935	ng	99
69) Atrazine	11.098	200	128851	65.116	ng	98
70) Pentachlorophenol	11.204	266	172152	86.770	ng	100
71) Phenanthrene	11.428	178	634553	46.264	ng	99
72) Anthracene	11.480	178	651859	48.608	ng	100
73) Carbazole	11.633	167	564613	43.990	ng	99
74) Di-n-butylphthalate	11.957	149	708198	49.531	ng	99
75) Fluoranthene	12.610	202	632948	43.212	ng	99
77) Benzidine	12.733	184	156629	74.333	ng	100
78) Pyrene	12.839	202	636542	50.406	ng	100
80) Butylbenzylphthalate	13.457	149	230838	53.704	ng	97
81) Benzo(a)anthracene	14.027	228	465430	47.775	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	113027	39.617	ng	99
83) Chrysene	14.063	228	412753	46.052	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	300292	54.917	ng	100
85) Di-n-octyl phthalate	14.627	149	448271	55.666	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	405240	50.170	ng	99
88) Benzo(b)fluoranthene	15.074	252	421690	50.335	ng	100
89) Benzo(k)fluoranthene	15.104	252	333530	43.179	ng	98
90) Benzo(a)pyrene	15.445	252	355718	51.197	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	332802	49.862	ng	99
92) Benzo(g,h,i)perylene	17.427	276	298711	45.200	ng	99

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

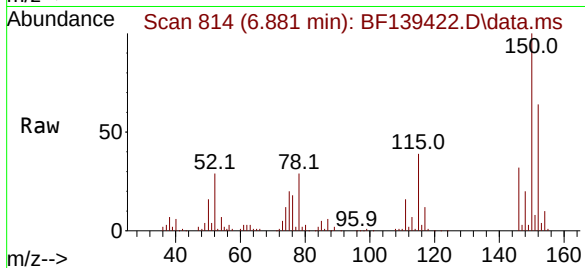
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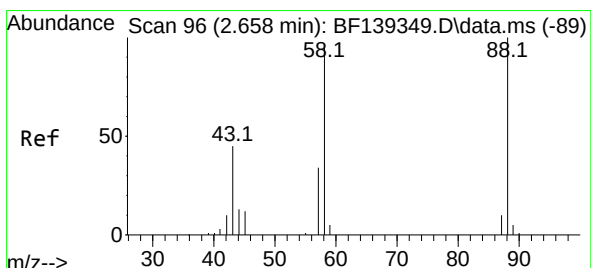
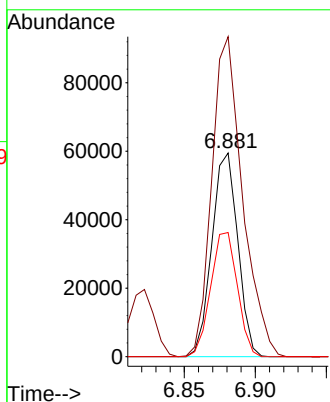
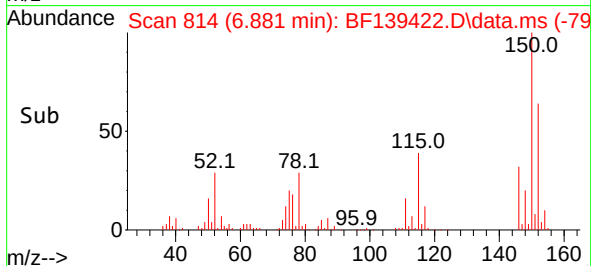


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139422.D
 Acq: 18 Sep 2024 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB163372BS

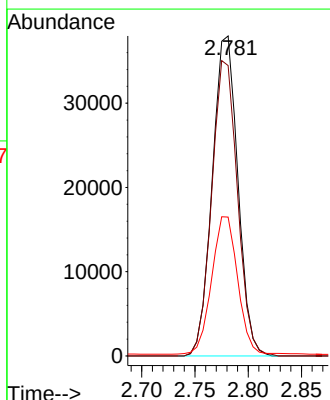
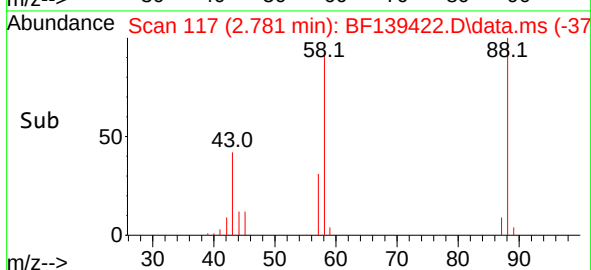
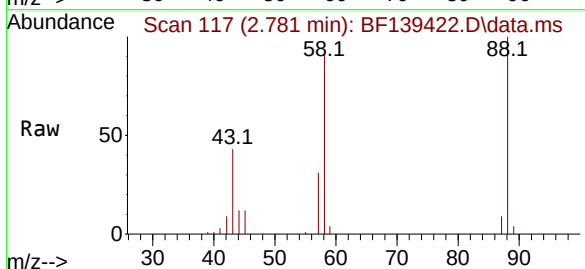


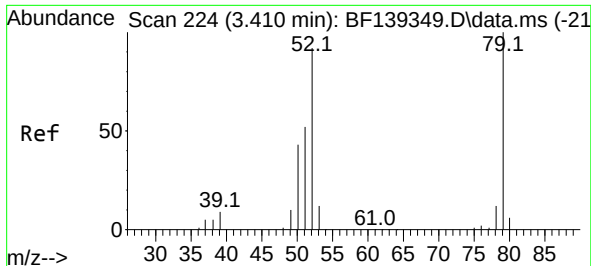
Tgt Ion:152 Resp: 75483
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.1 186.1
 115 60.9 48.1 72.1



#2
 1,4-Dioxane
 Concen: 34.082 ng
 RT: 2.781 min Scan# 117
 Delta R.T. 0.123 min
 Lab File: BF139422.D
 Acq: 18 Sep 2024 12:36

Tgt Ion: 88 Resp: 63269
 Ion Ratio Lower Upper
 88 100
 58 93.2 74.8 112.2
 43 44.0 36.4 54.6





#3

Pyridine

Concen: 40.579 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.106 min

Lab File: BF139422.D

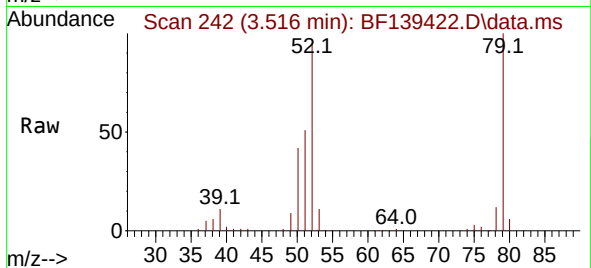
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Instrument :

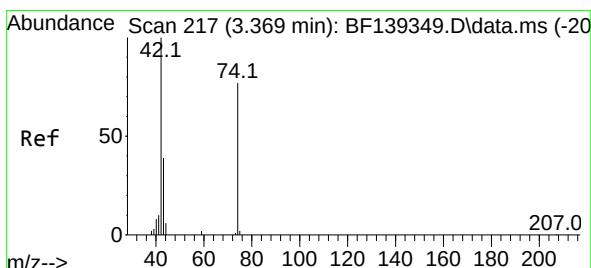
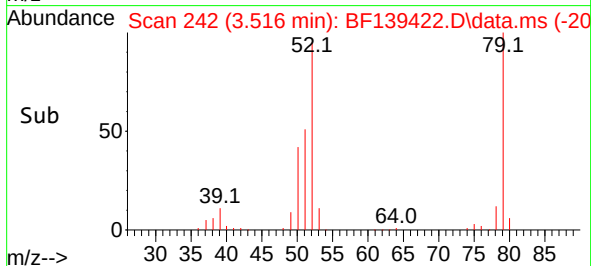
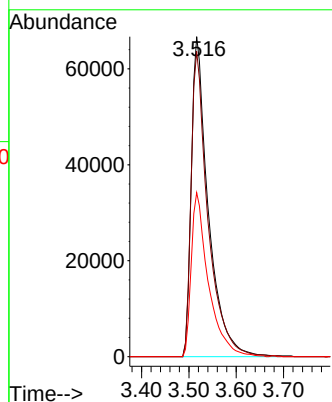
BNA_F

ClientSampleId :

PB163372BS



Tgt Ion:	79	Resp:	166085
Ion	Ratio	Lower	Upper
79	100		
52	95.4	73.8	110.8
51	51.2	41.8	62.6



#4

n-Nitrosodimethylamine

Concen: 40.448 ng

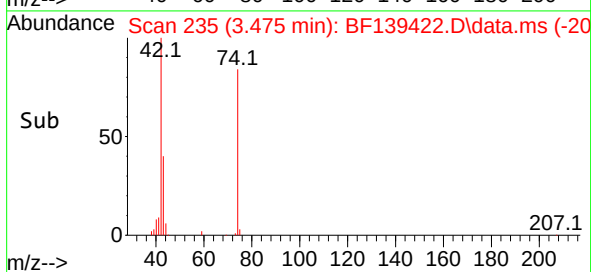
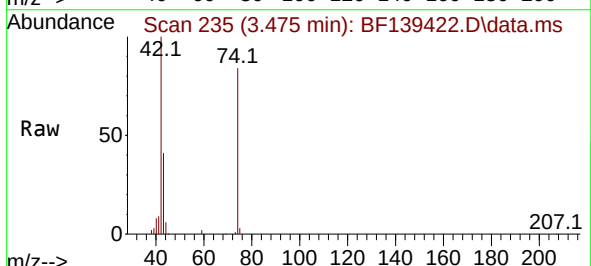
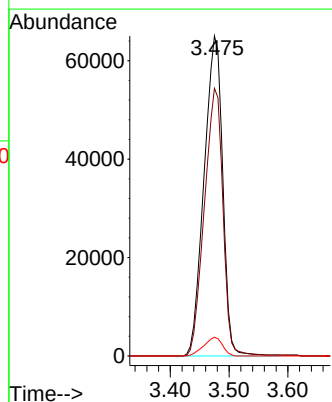
RT: 3.475 min Scan# 235

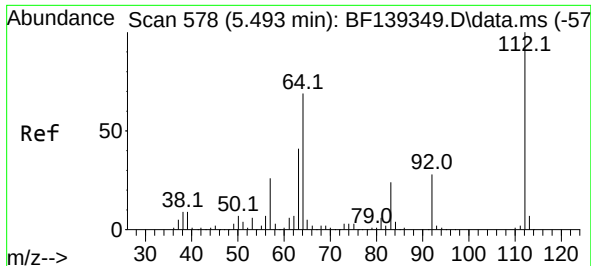
Delta R.T. 0.106 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Tgt Ion:	42	Resp:	143489
Ion	Ratio	Lower	Upper
42	100		
74	83.7	61.8	92.8
44	5.9	4.8	7.2

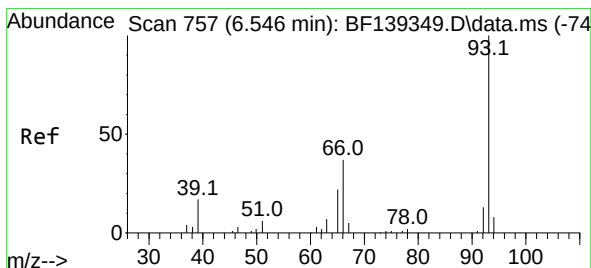
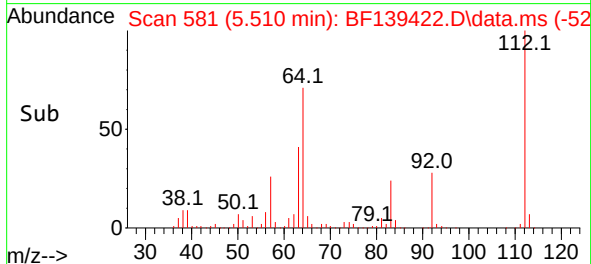
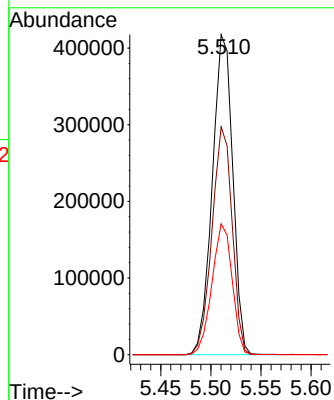
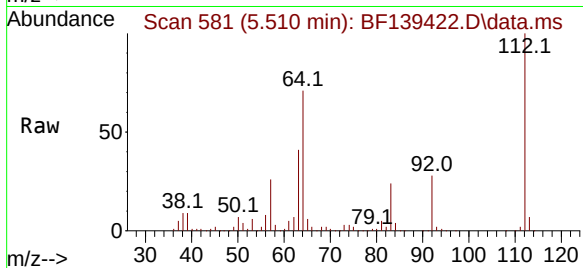




#5
2-Fluorophenol
Concen: 127.896 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

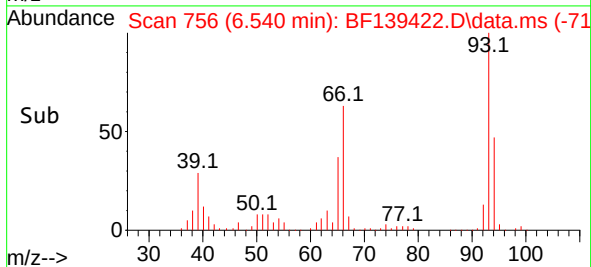
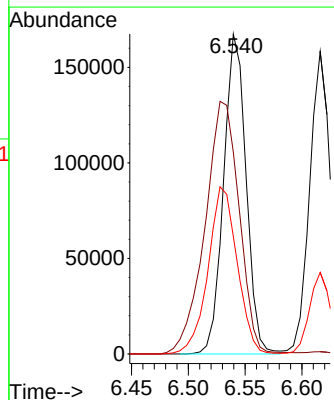
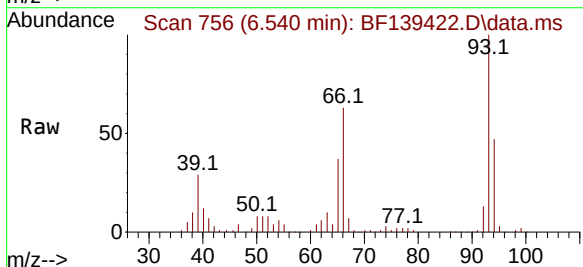
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ClientSampleId :
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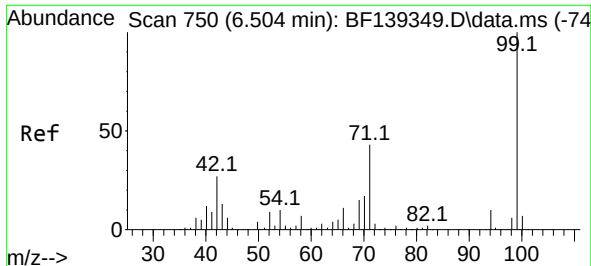
Tgt Ion:112 Resp: 591780
Ion Ratio Lower Upper
112 100
64 71.2 54.8 82.2
63 40.9 33.0 49.4



#6
Aniline
Concen: 50.253 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion: 93 Resp: 230326
Ion Ratio Lower Upper
93 100
66 63.1 35.4 53.0#
65 36.7 18.2 27.4#

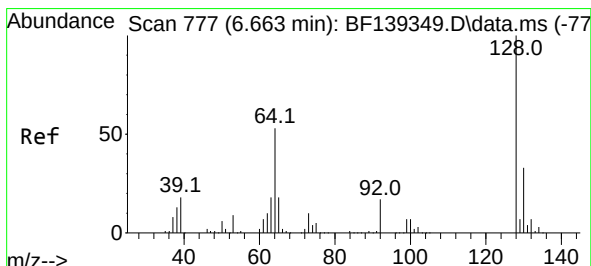
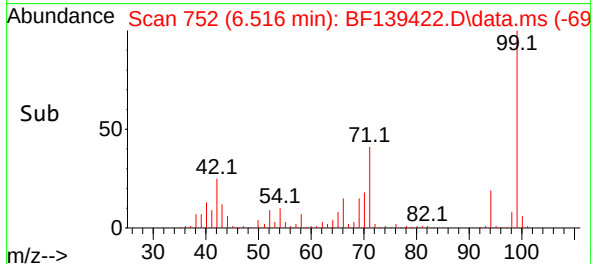
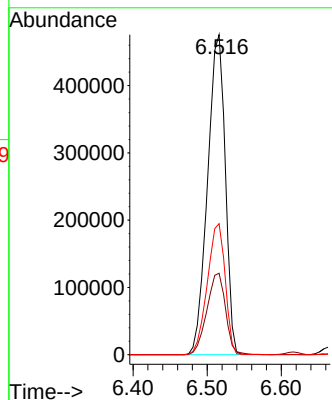
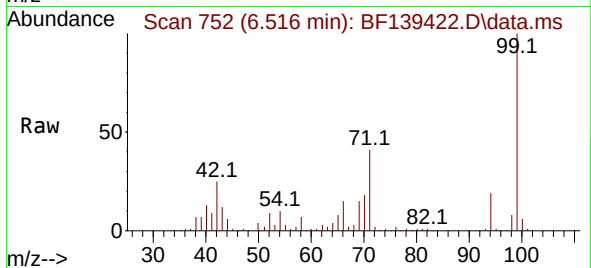




#7
Phenol-d6
Concen: 129.810 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

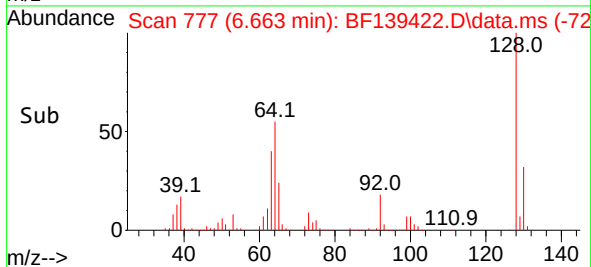
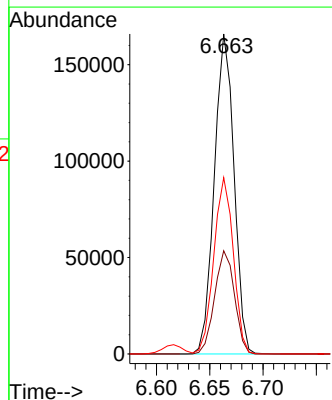
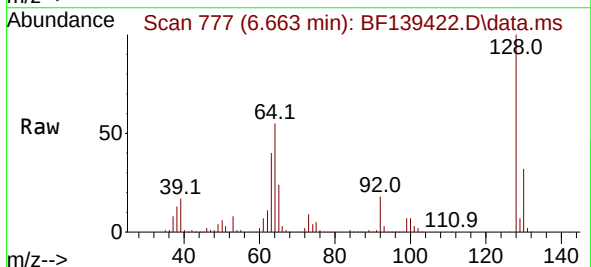
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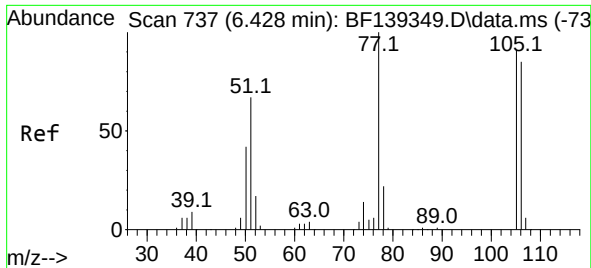
Tgt Ion: 99 Resp: 788377
Ion Ratio Lower Upper
99 100
42 25.4 21.9 32.9
71 40.9 34.6 52.0



#8
2-Chlorophenol
Concen: 44.687 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion: 128 Resp: 212841
Ion Ratio Lower Upper
128 100
130 32.2 12.8 52.8
64 55.1 35.1 75.1





#9

Benzaldehyde

Concen: 14.552 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

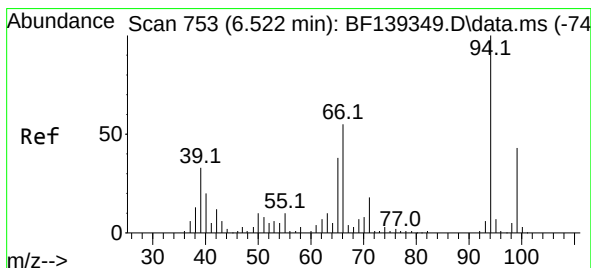
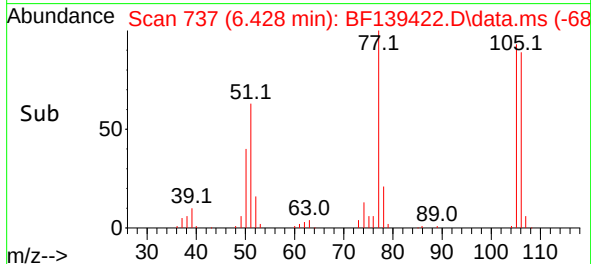
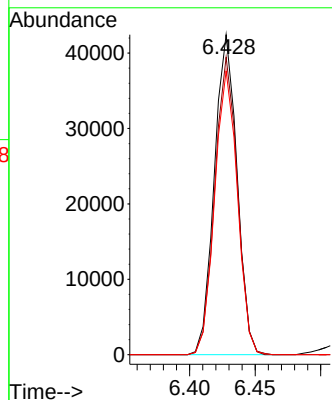
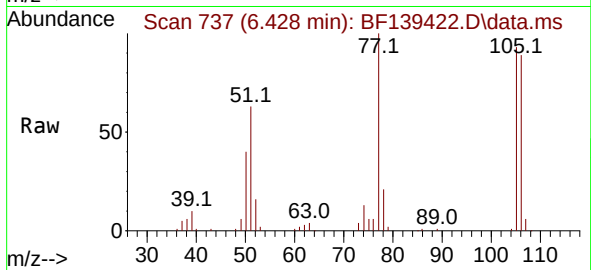
Tgt Ion: 77 Resp: 51061

Ion Ratio Lower Upper

77 100

105 92.9 71.0 111.0

106 88.7 64.9 104.9



#10

Phenol

Concen: 45.562 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

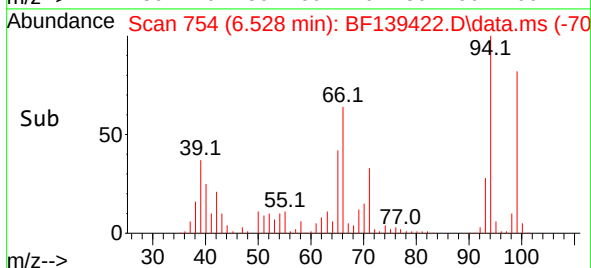
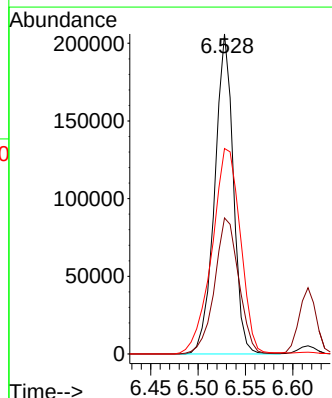
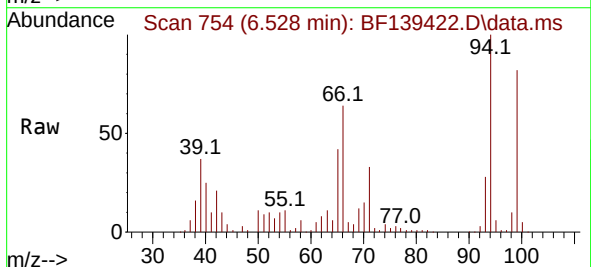
Tgt Ion: 94 Resp: 281829

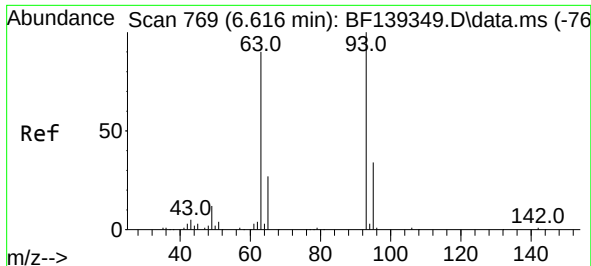
Ion Ratio Lower Upper

94 100

65 42.5 17.6 57.6

66 64.2 35.2 75.2

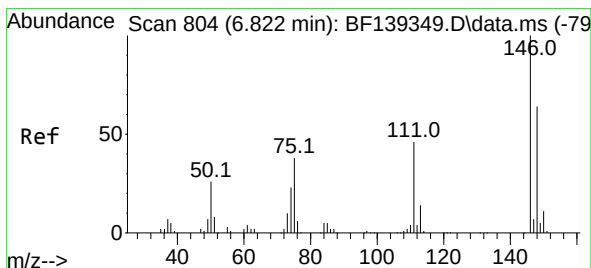
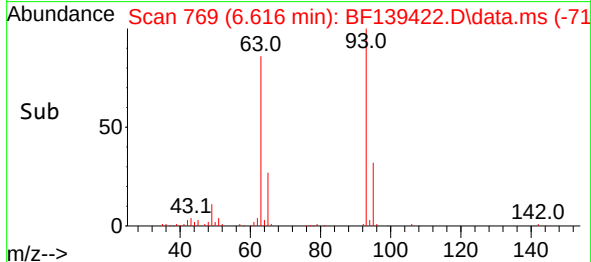
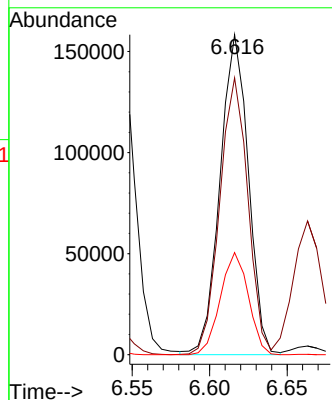
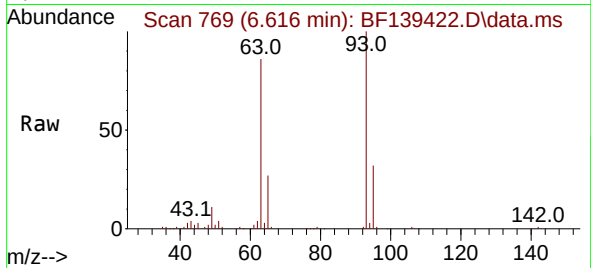




#11
bis(2-Chloroethyl)ether
Concen: 42.892 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

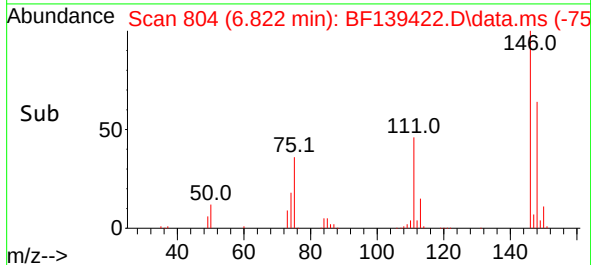
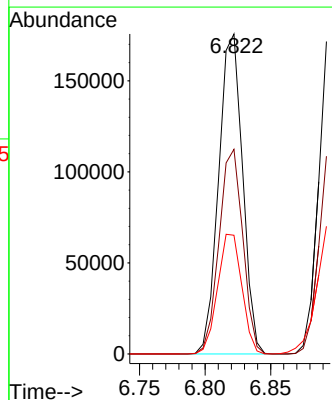
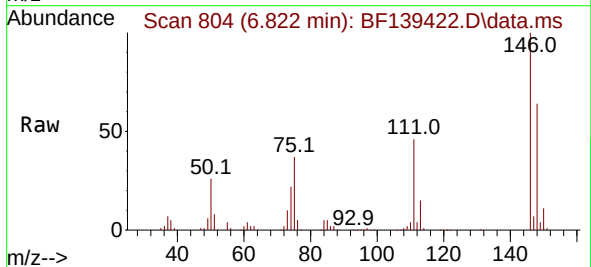
Instrument :
BNA_F
ClientSampleId :
PB163372BS

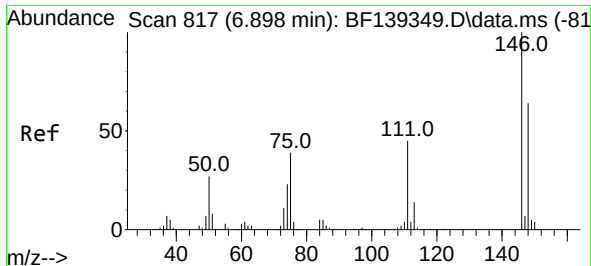
Tgt Ion: 93 Resp: 201651
Ion Ratio Lower Upper
93 100
63 86.5 65.3 105.3
95 31.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.083 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion: 146 Resp: 222539
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 37.1 30.6 46.0

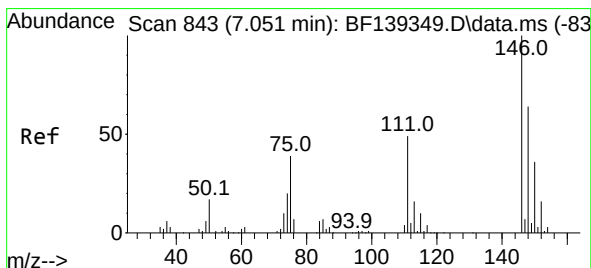
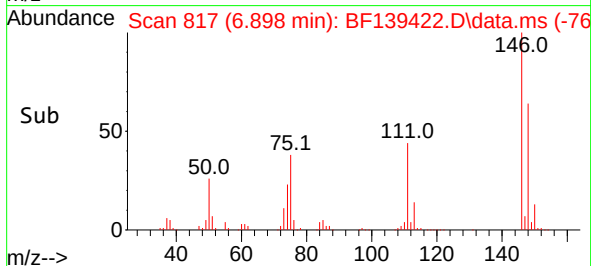
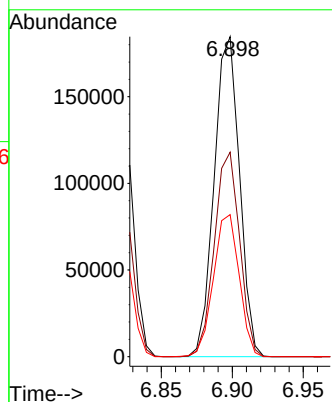
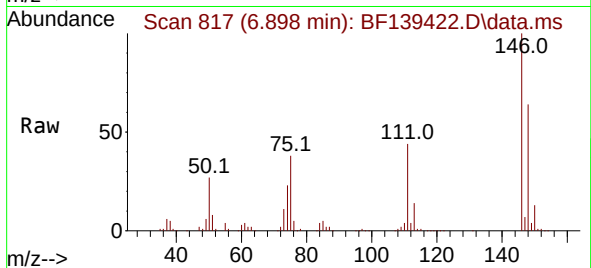




#13
1,4-Dichlorobenzene
Concen: 41.882 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

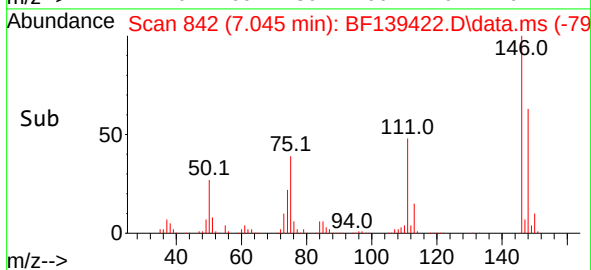
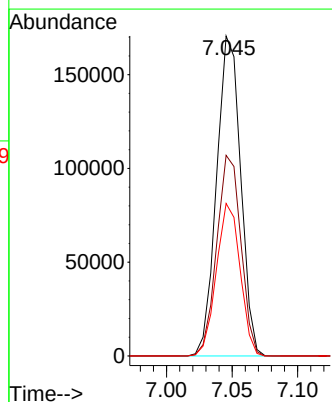
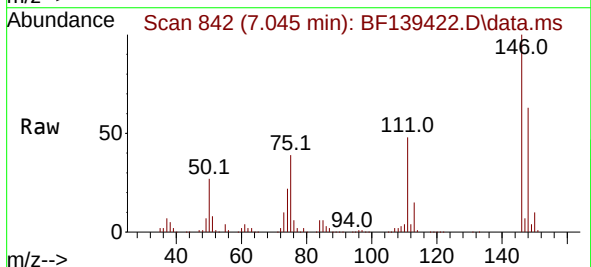
Instrument :
BNA_F
ClientSampleId :
PB163372BS

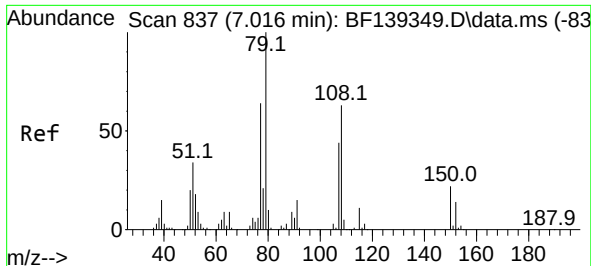
Tgt Ion:146 Resp: 229258
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
111 44.4 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 42.044 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:146 Resp: 217466
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
111 47.7 38.9 58.3

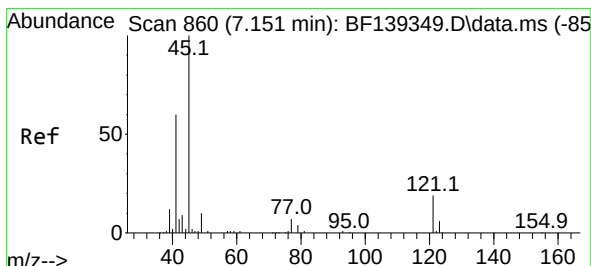
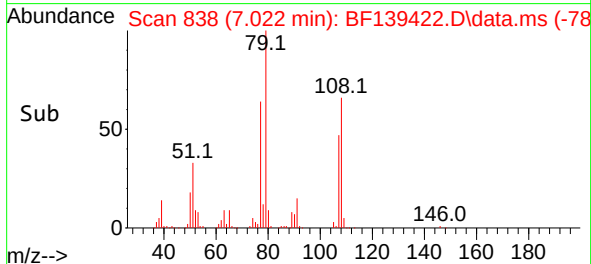
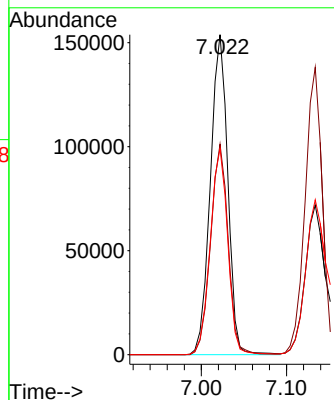
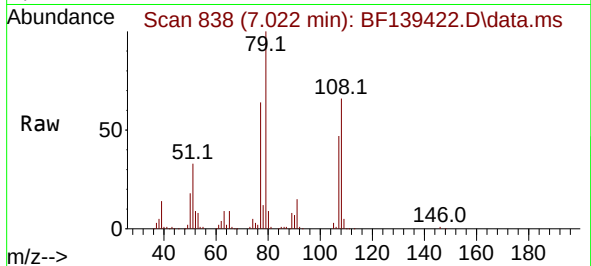




#15
Benzyl Alcohol
Concen: 45.071 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

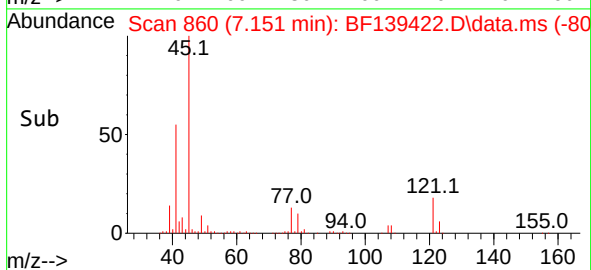
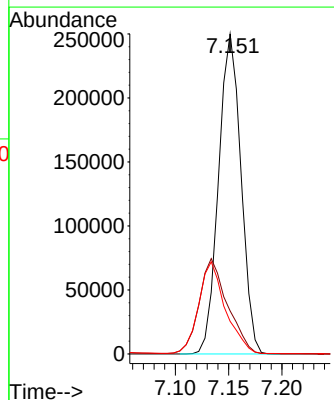
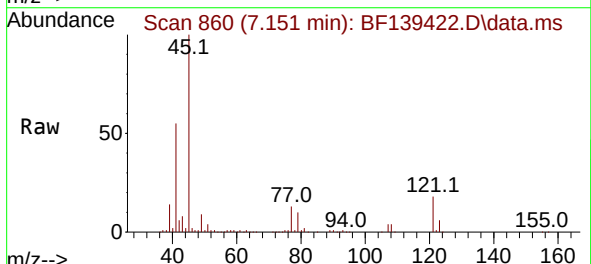
Instrument :
BNA_F
ClientSampleId :
PB163372BS

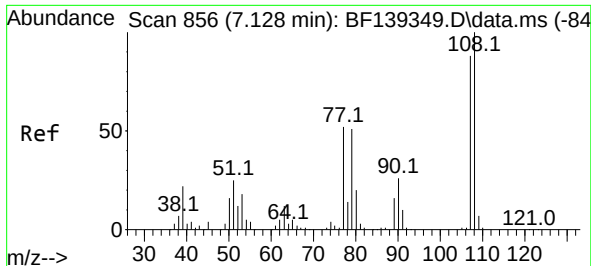
Tgt Ion: 79 Resp: 218388
Ion Ratio Lower Upper
79 100
108 65.8 50.4 75.6
77 64.5 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.424 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion: 45 Resp: 365346
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.0
79 10.2 0.0 29.1

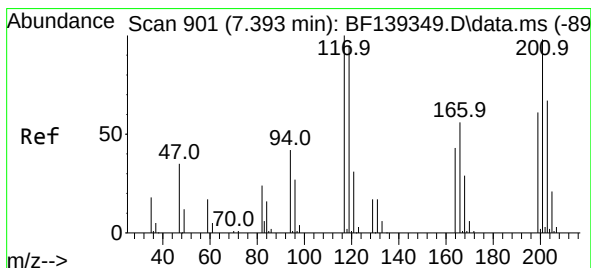
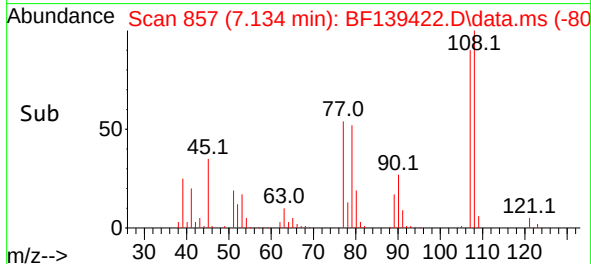
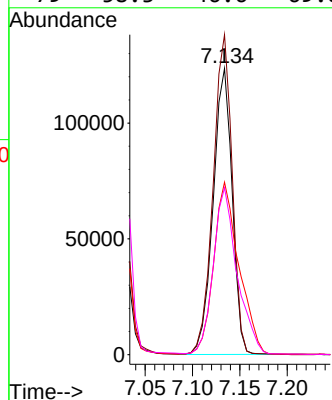
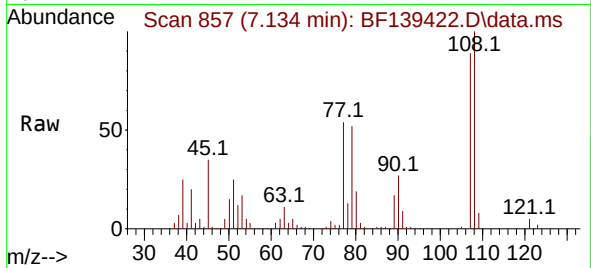




#17
2-Methylphenol
Concen: 45.707 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

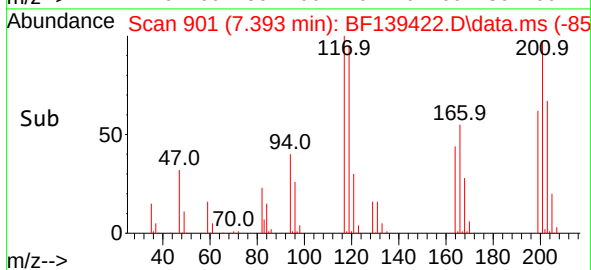
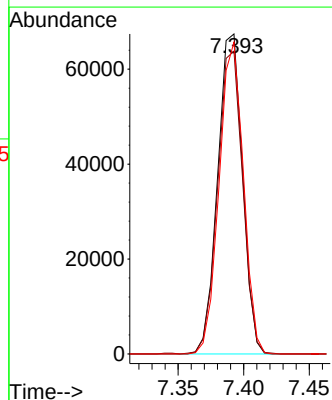
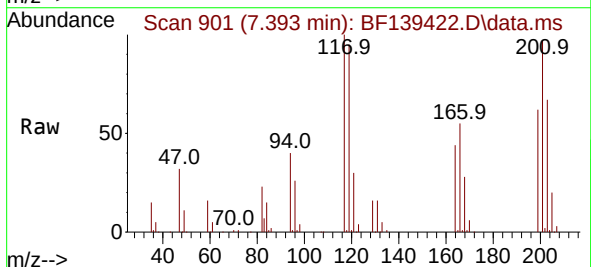
Instrument :
BNA_F
ClientSampleId :
PB163372BS

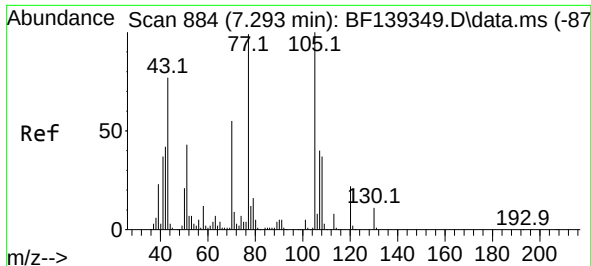
Tgt Ion:107 Resp: 172965
Ion Ratio Lower Upper
107 100
108 111.8 90.5 135.7
77 60.2 47.1 70.7
79 58.3 46.6 69.8



#18
Hexachloroethane
Concen: 42.592 ng
RT: 7.393 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:117 Resp: 88801
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
201 97.4 78.6 118.0





#19

n-Nitroso-di-n-propylamine

Concen: 47.532 ng

RT: 7.293 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF139422.D

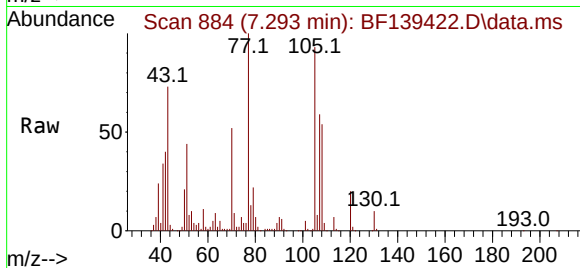
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS



Tgt Ion: 70 Resp: 171067

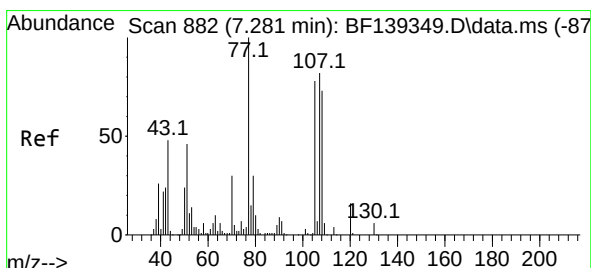
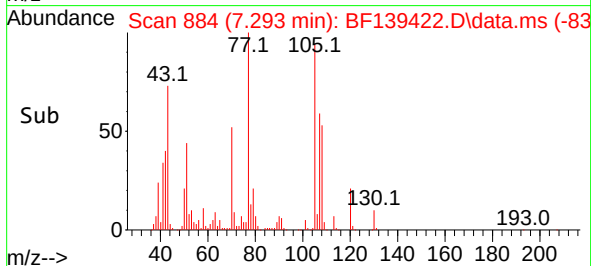
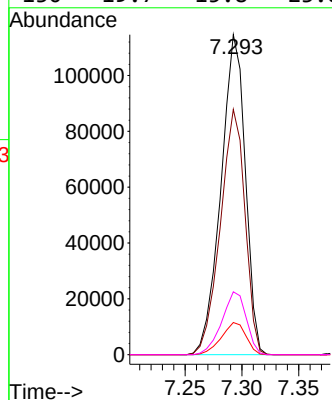
Ion Ratio Lower Upper

70 100

42 76.6 61.2 91.8

101 10.0 7.5 11.3

130 19.7 15.8 23.8



#20

3+4-Methylphenols

Concen: 44.566 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Tgt Ion:107 Resp: 230089

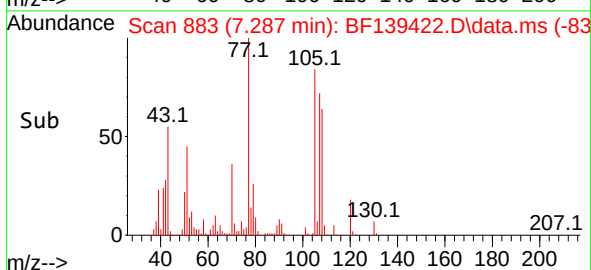
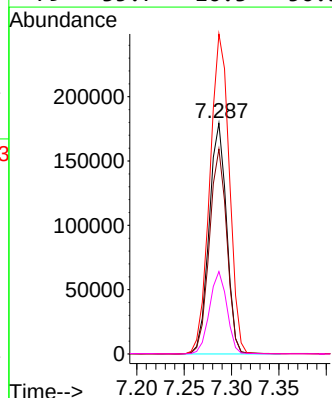
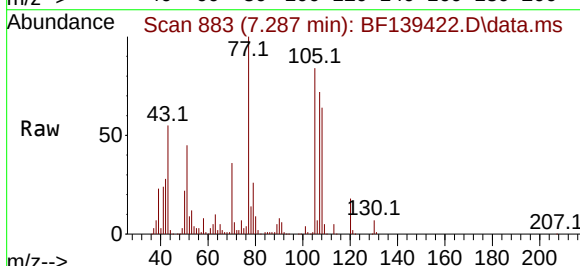
Ion Ratio Lower Upper

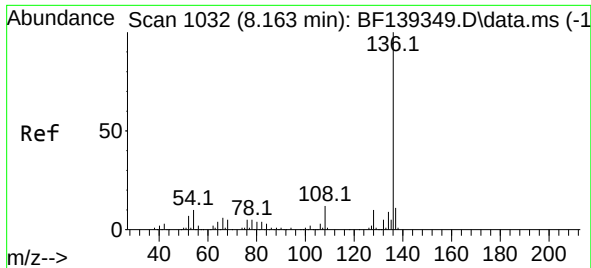
107 100

108 88.9 68.6 108.6

77 138.7 101.6 141.6

79 35.7 16.3 56.3

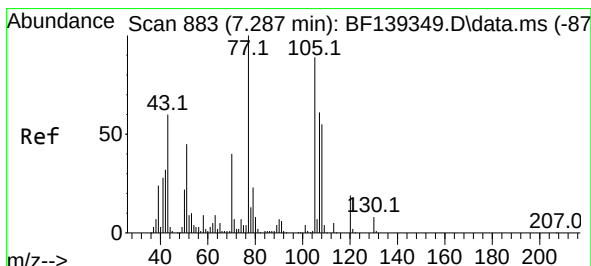
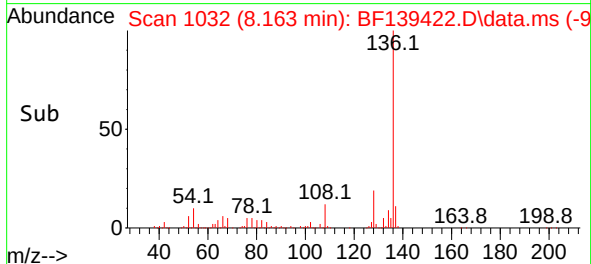
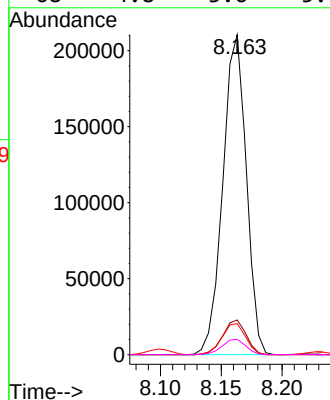
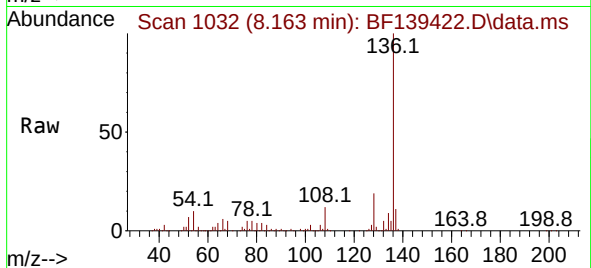




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

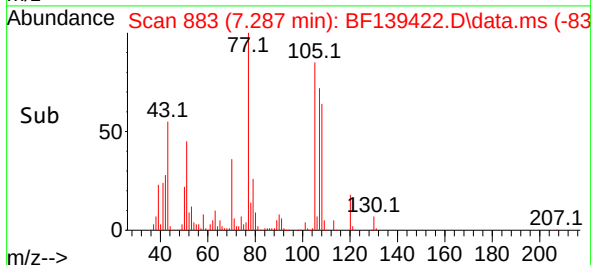
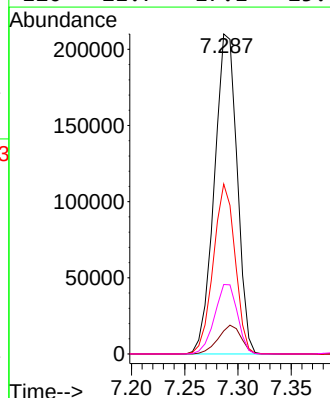
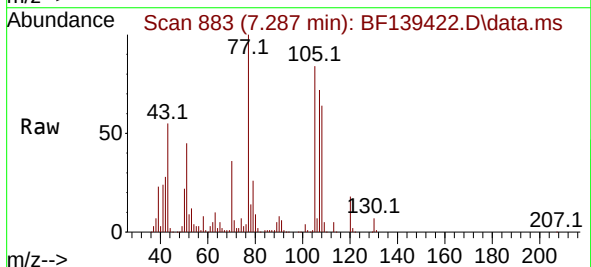
Instrument :
BNA_F
ClientSampleId :
PB163372BS

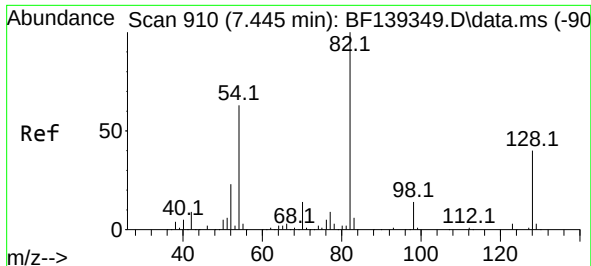
Tgt Ion:	136	Resp:	282399
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.7	7.8	11.8
68	4.8	3.6	5.4



#22
Acetophenone
Concen: 42.310 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:	105	Resp:	312366
Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.9	8.9
51	53.1	40.0	60.0
120	21.7	17.1	25.7





#23

Nitrobenzene-d5

Concen: 89.831 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

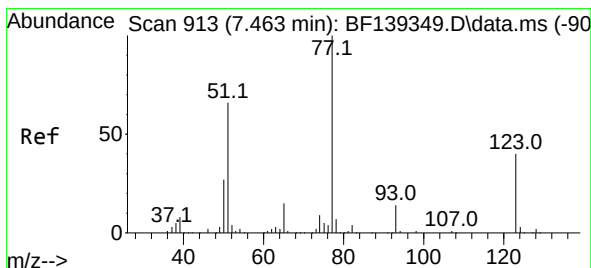
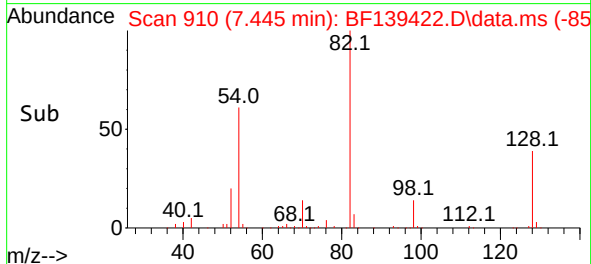
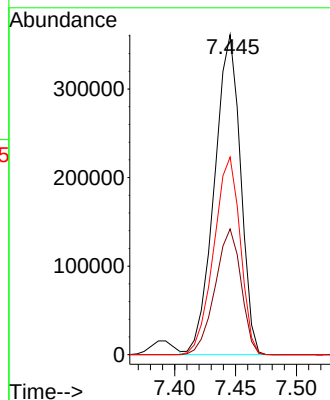
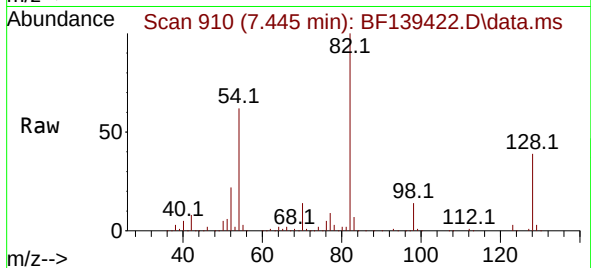
Tgt Ion: 82 Resp: 539615

Ion Ratio Lower Upper

82 100

128 39.3 31.8 47.6

54 61.7 50.6 75.8



#24

Nitrobenzene

Concen: 41.374 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

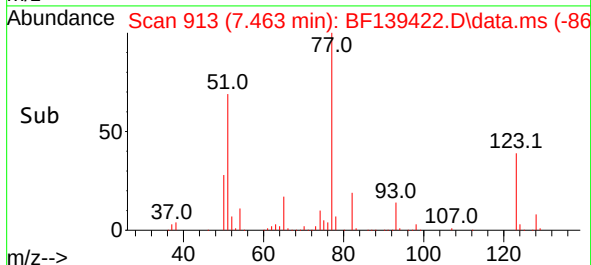
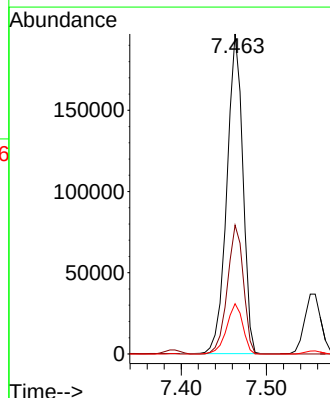
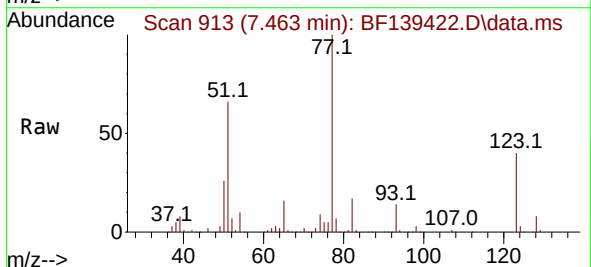
Tgt Ion: 77 Resp: 255792

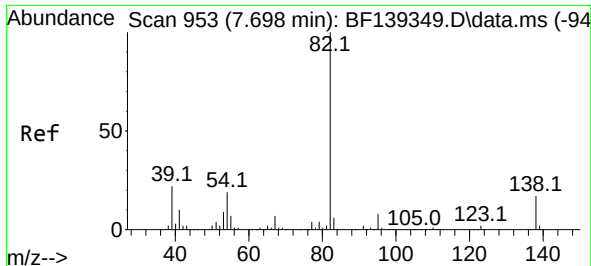
Ion Ratio Lower Upper

77 100

123 40.3 32.2 48.4

65 15.7 12.2 18.4

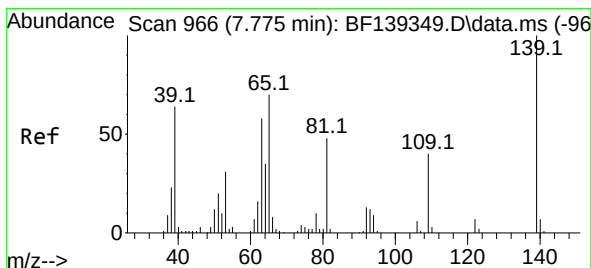
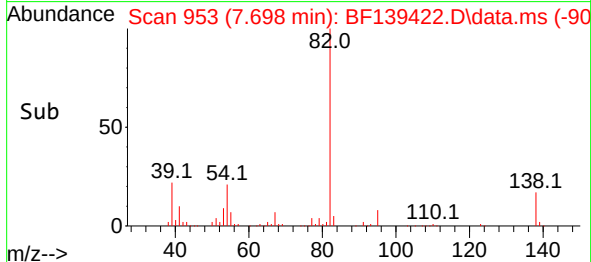
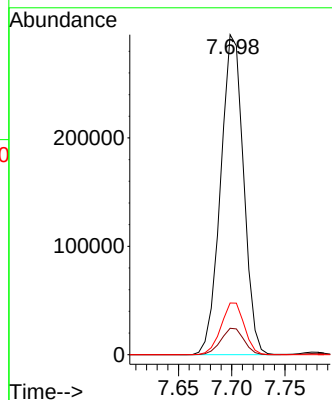
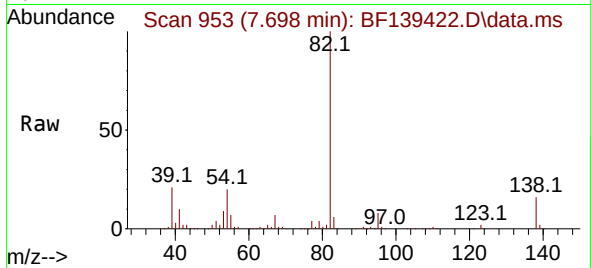




#25
Isophorone
Concen: 46.530 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

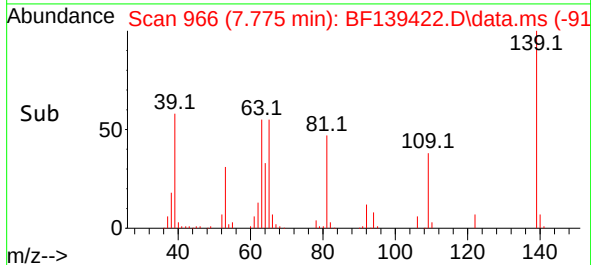
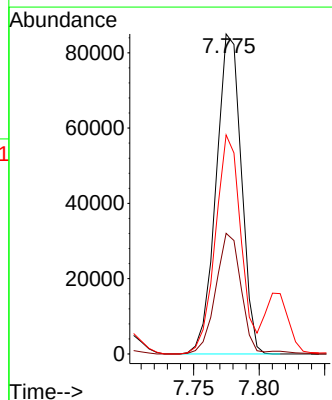
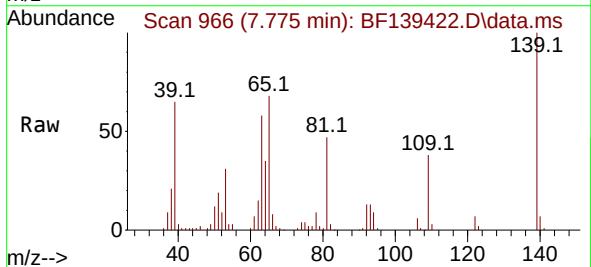
Instrument :
BNA_F
ClientSampleId :
PB163372BS

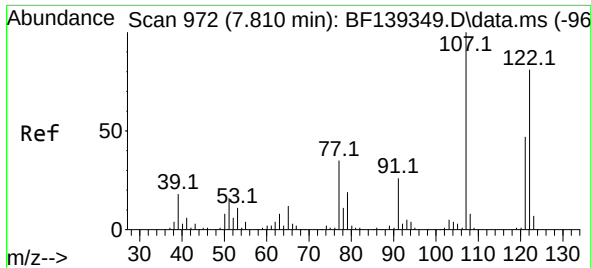
Tgt Ion: 82 Resp: 442047
Ion Ratio Lower Upper
82 100
95 8.3 6.7 10.1
138 16.1 13.3 19.9



#26
2-Nitrophenol
Concen: 47.179 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:139 Resp: 113640
Ion Ratio Lower Upper
139 100
109 37.7 32.2 48.2
65 68.4 55.8 83.8

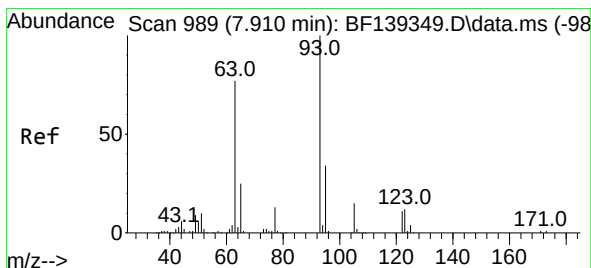
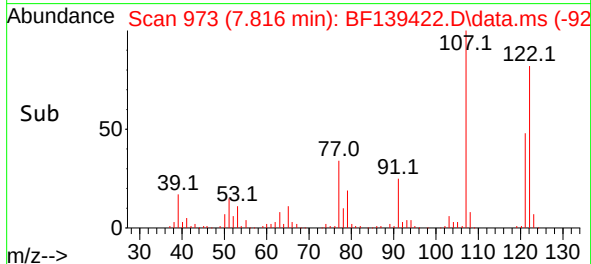
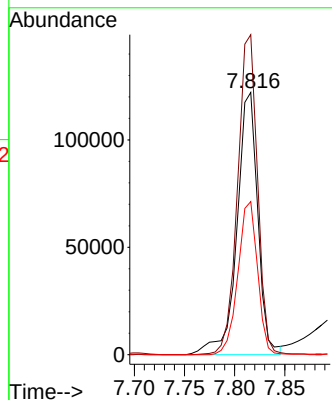
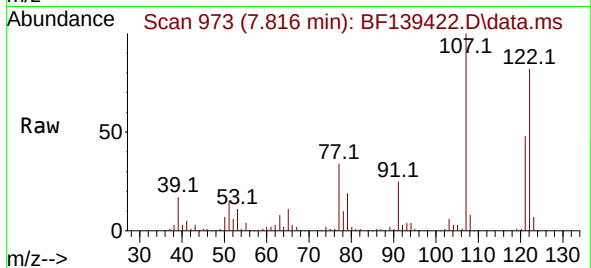




#27
2,4-Dimethylphenol
Concen: 55.725 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

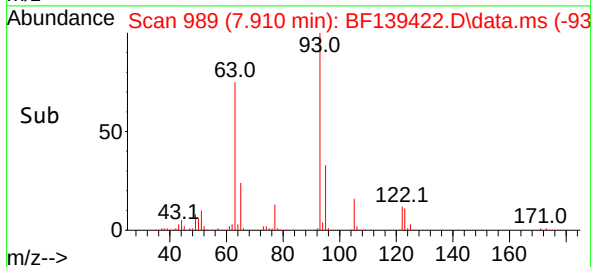
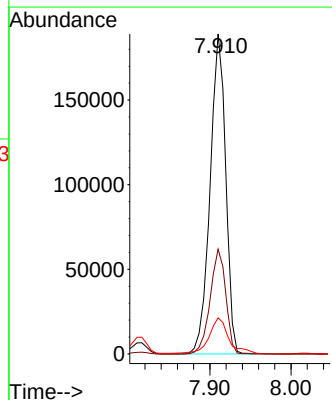
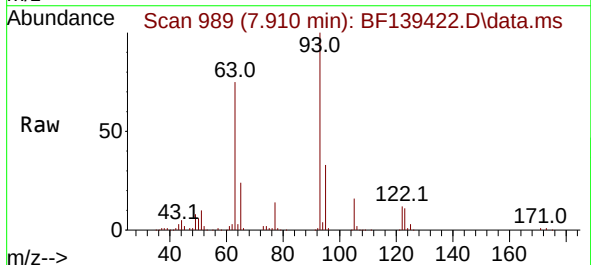
Instrument :
BNA_F
ClientSampleId :
PB163372BS

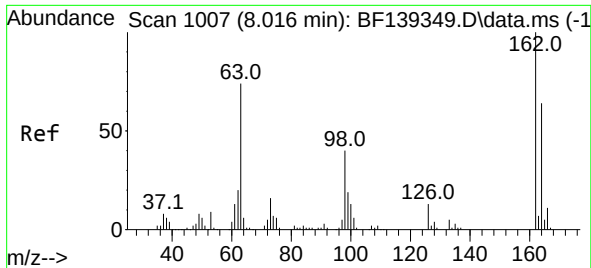
Tgt Ion:122 Resp: 177052
Ion Ratio Lower Upper
122 100
107 122.1 99.1 148.7
121 58.4 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.550 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion: 93 Resp: 252039
Ion Ratio Lower Upper
93 100
95 32.7 26.9 40.3
123 11.3 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 45.492 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

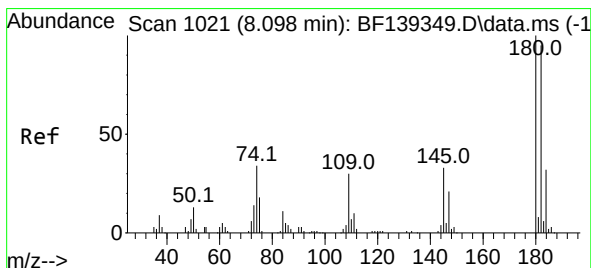
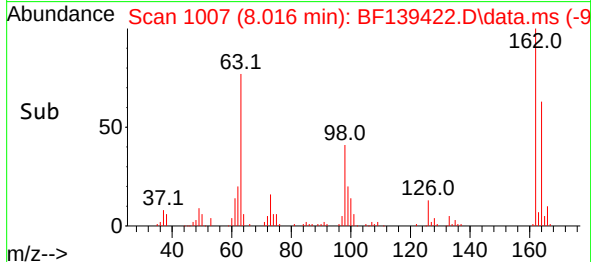
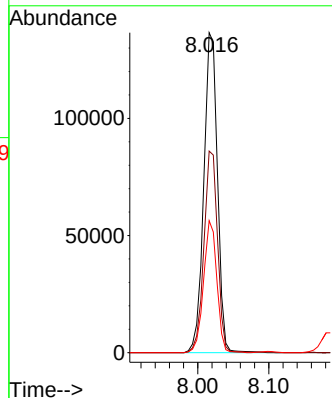
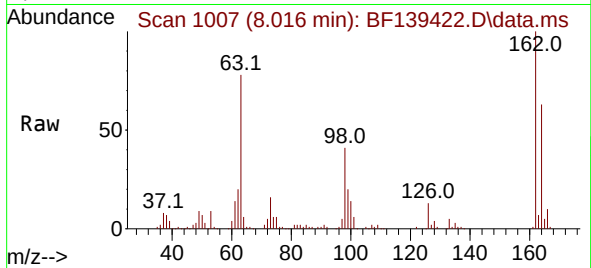
Tgt Ion:162 Resp: 183620

Ion Ratio Lower Upper

162 100

164 63.0 43.6 83.6

98 41.3 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 41.291 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

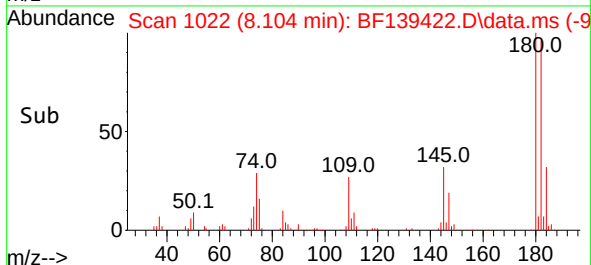
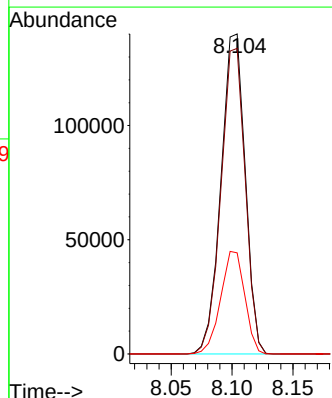
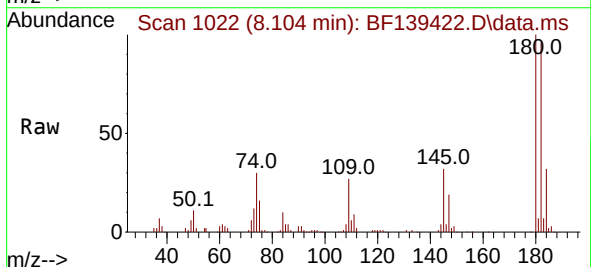
Tgt Ion:180 Resp: 194191

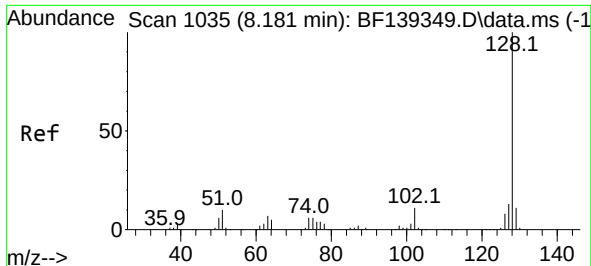
Ion Ratio Lower Upper

180 100

182 95.5 75.7 113.5

145 31.6 26.5 39.7

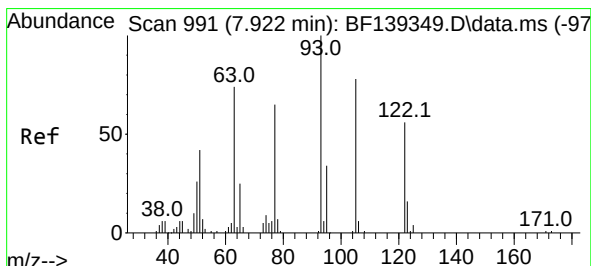
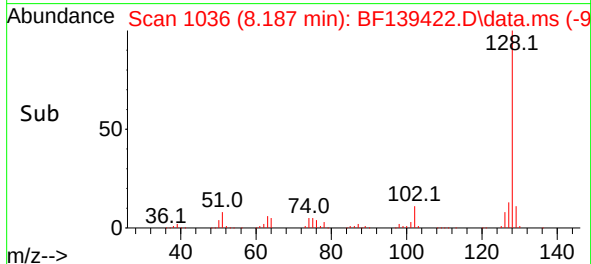
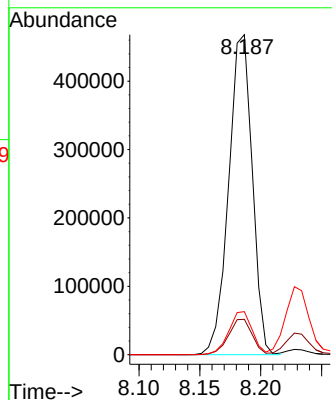
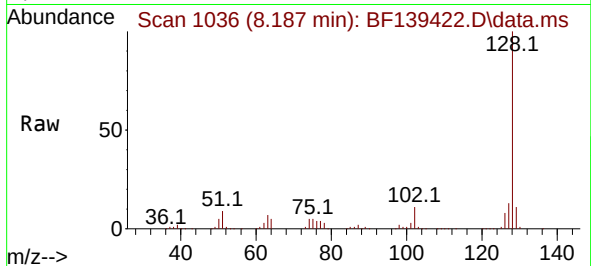




#31
Naphthalene
Concen: 42.875 ng
RT: 8.187 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

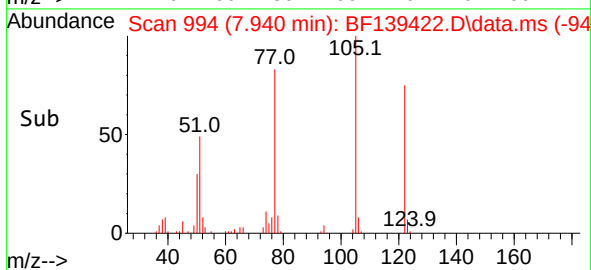
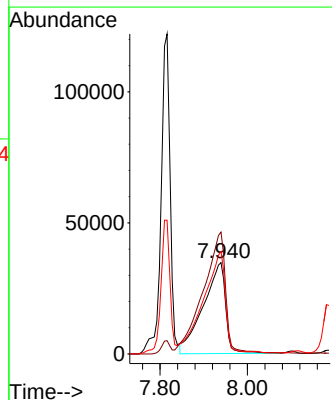
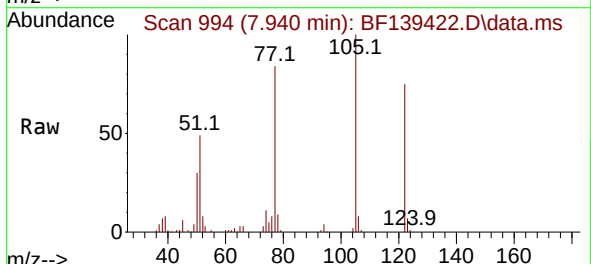
Instrument :
BNA_F
ClientSampleId :
PB163372BS

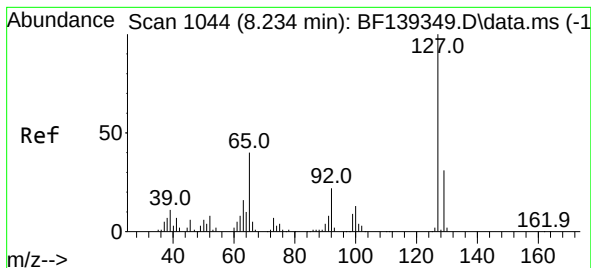
Tgt Ion:128 Resp: 632097
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 41.426 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:122 Resp: 123175
Ion Ratio Lower Upper
122 100
105 133.5 117.1 157.1
77 112.2 95.4 135.4





#33

4-Chloroaniline

Concen: 31.628 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

Tgt Ion:127 Resp: 142650

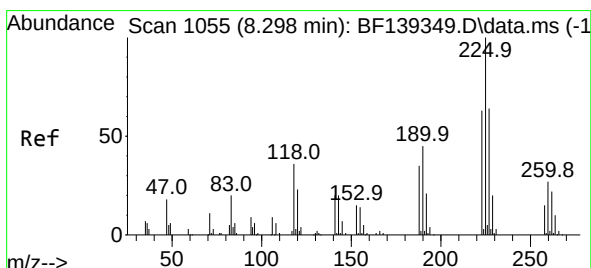
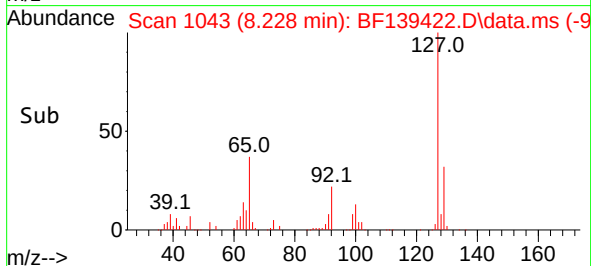
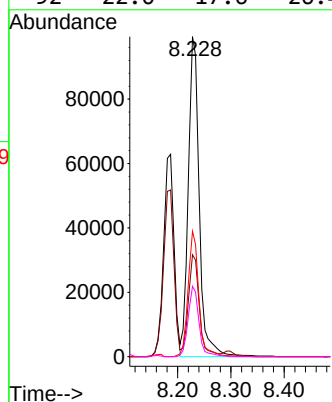
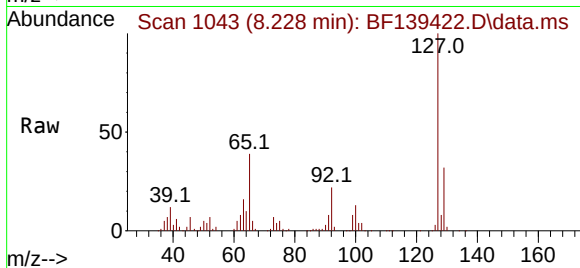
Ion Ratio Lower Upper

127 100

129 31.8 25.5 38.3

65 39.2 31.5 47.3

92 22.0 17.6 26.4



#34

Hexachlorobutadiene

Concen: 41.826 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

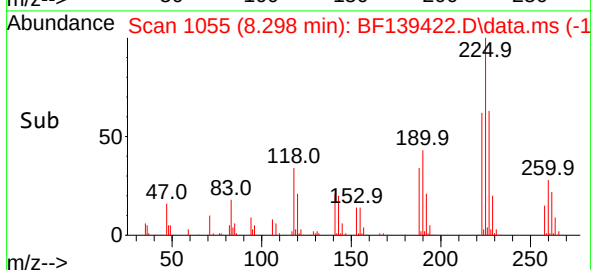
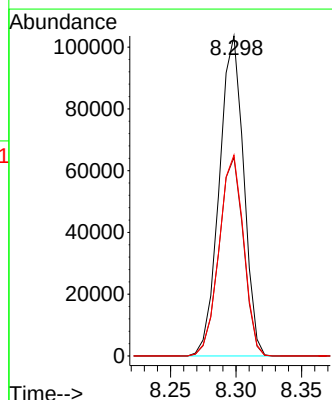
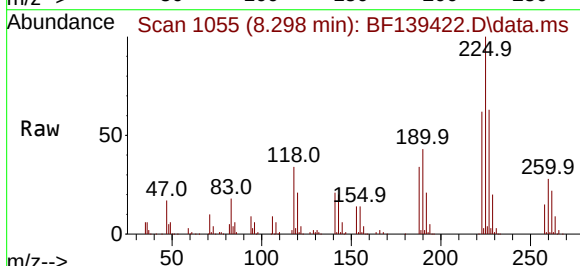
Tgt Ion:225 Resp: 133640

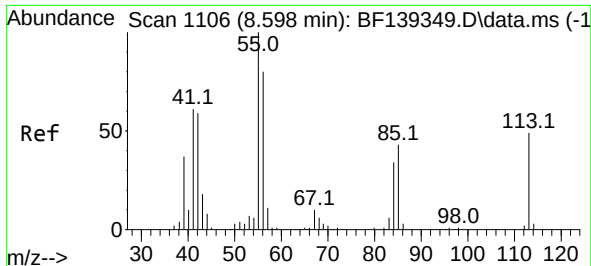
Ion Ratio Lower Upper

225 100

223 62.0 50.1 75.1

227 62.8 51.0 76.6

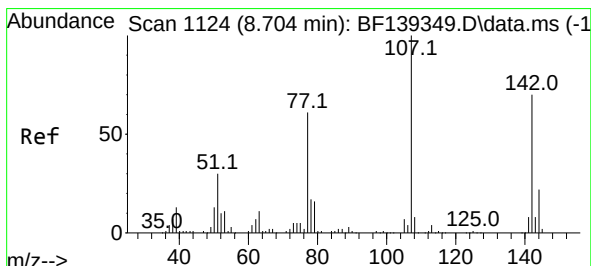
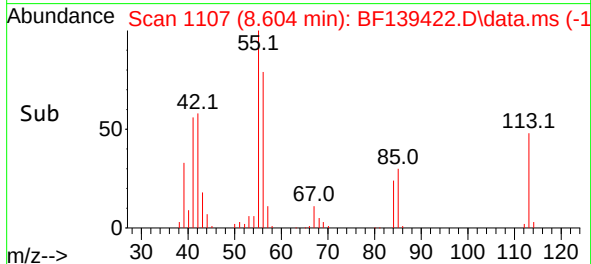
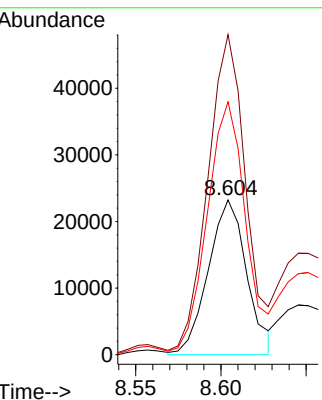
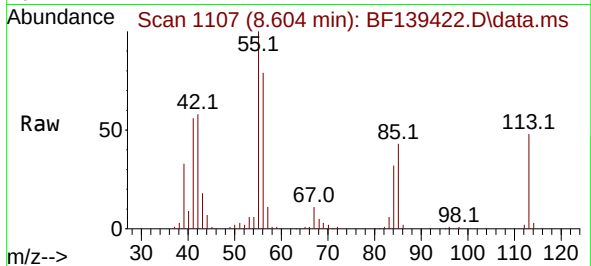




#35
Caprolactam
Concen: 29.345 ng
RT: 8.604 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

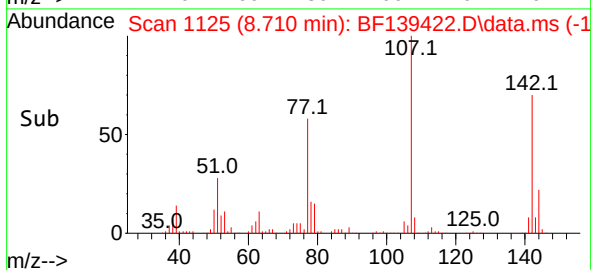
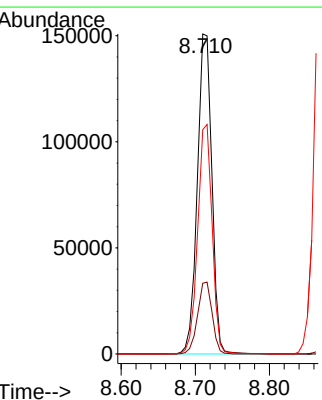
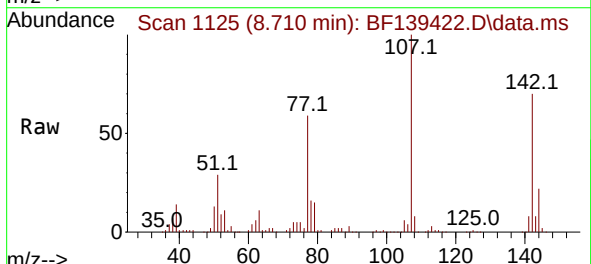
Instrument :
BNA_F
ClientSampleId :
PB163372BS

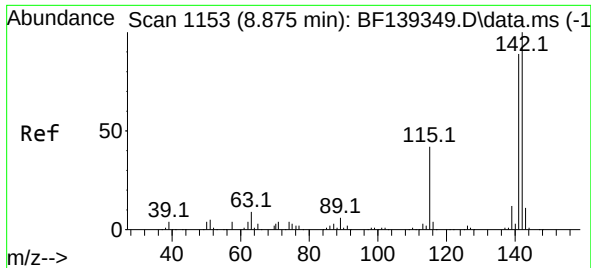
Tgt Ion:113 Resp: 36435
Ion Ratio Lower Upper
113 100
55 206.7 186.1 226.1
56 163.4 144.9 184.9



#36
4-Chloro-3-methylphenol
Concen: 44.677 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:107 Resp: 206095
Ion Ratio Lower Upper
107 100
144 22.1 17.5 26.3
142 70.1 55.8 83.8

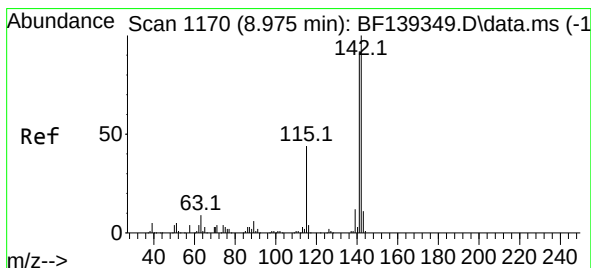
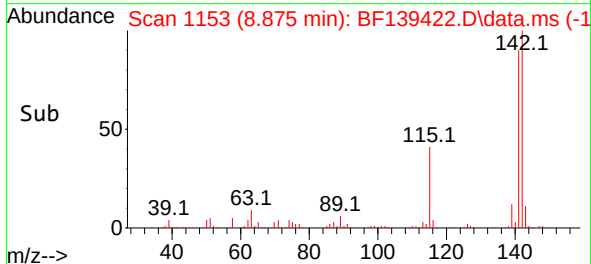
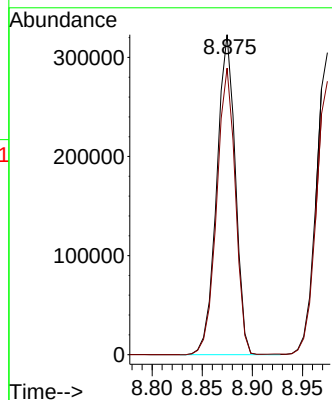
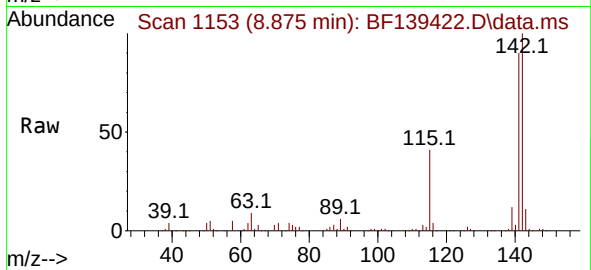




#37
2-Methylnaphthalene
Concen: 44.417 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

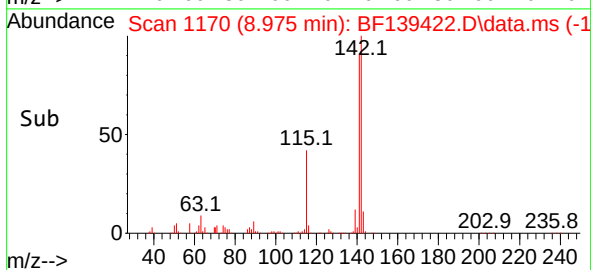
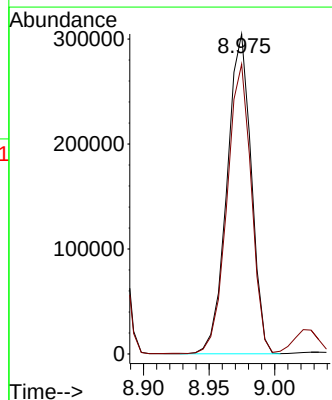
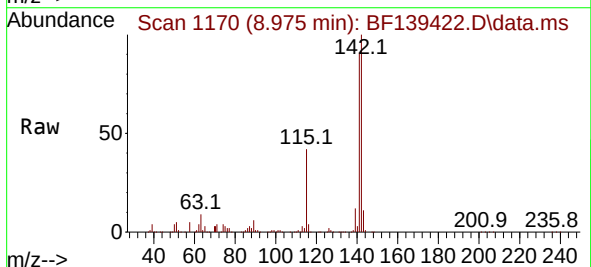
Instrument :
BNA_F
ClientSampleId :
PB163372BS

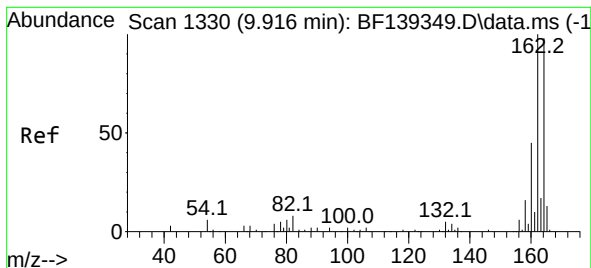
Tgt Ion:142 Resp: 415646
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4



#38
1-Methylnaphthalene
Concen: 42.632 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:142 Resp: 391671
Ion Ratio Lower Upper
142 100
141 90.5 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

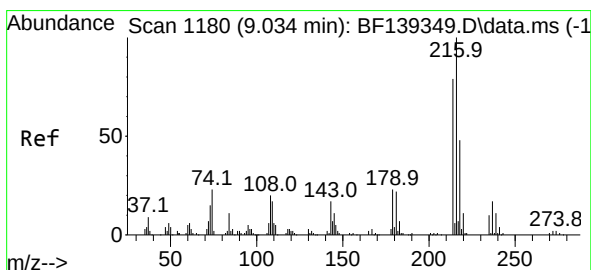
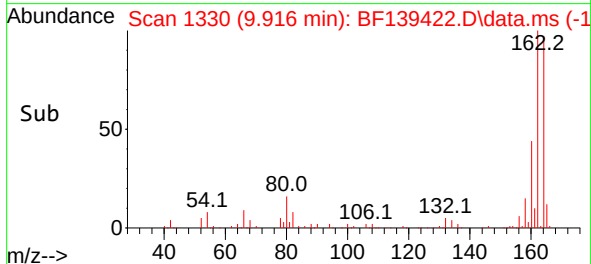
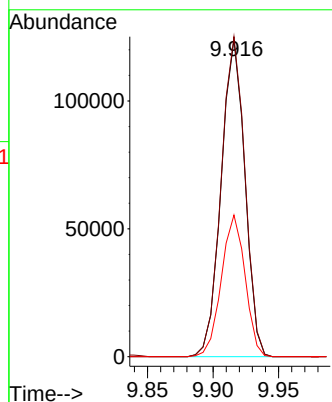
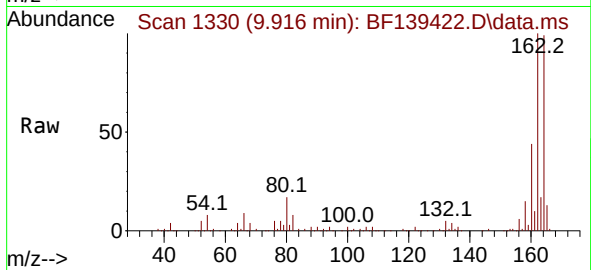
Tgt Ion:164 Resp: 155789

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

160 44.7 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.923 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Tgt Ion:216 Resp: 202798

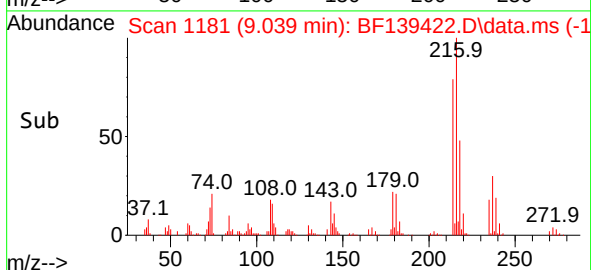
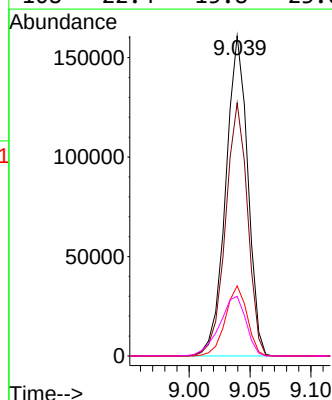
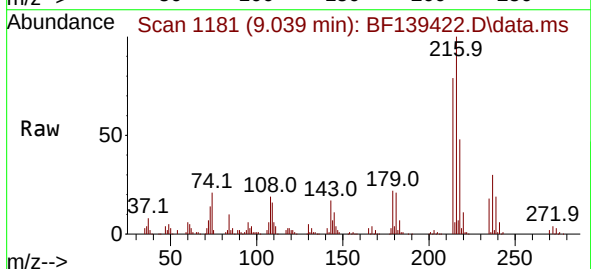
Ion Ratio Lower Upper

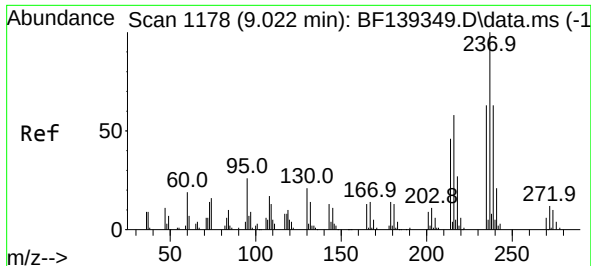
216 100

214 78.6 63.4 95.0

179 21.6 18.2 27.2

108 22.4 15.8 23.6

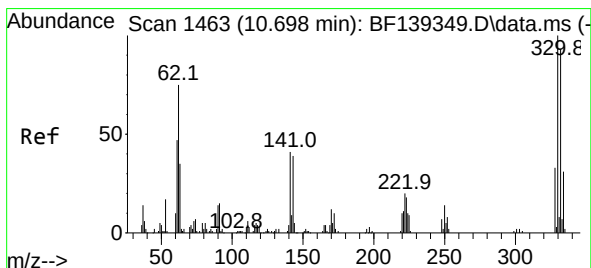
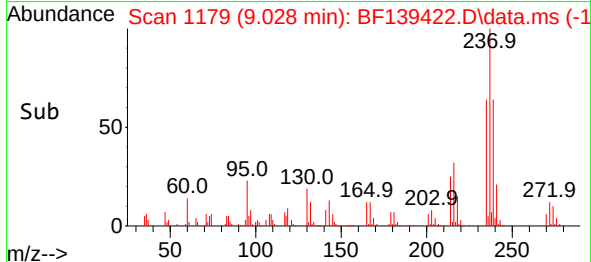
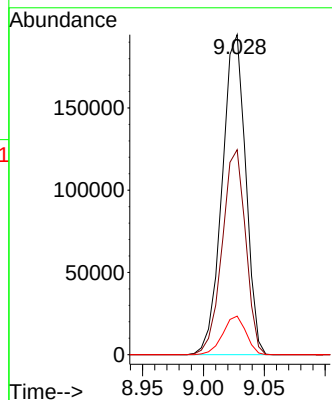
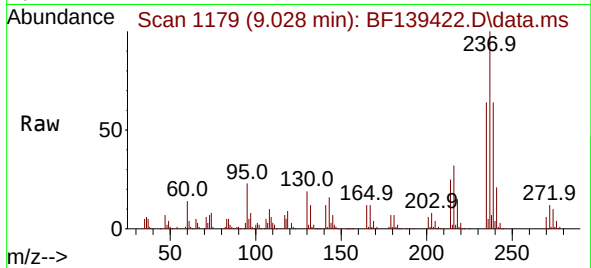




#41
Hexachlorocyclopentadiene
Concen: 162.264 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

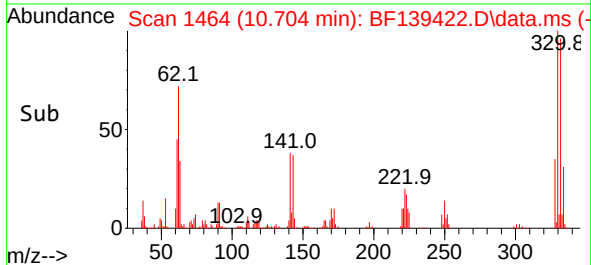
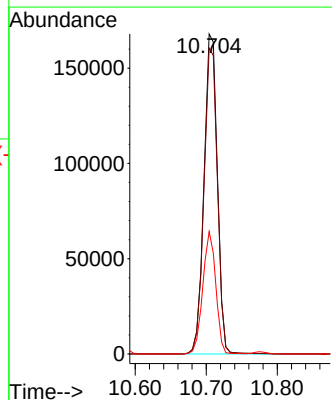
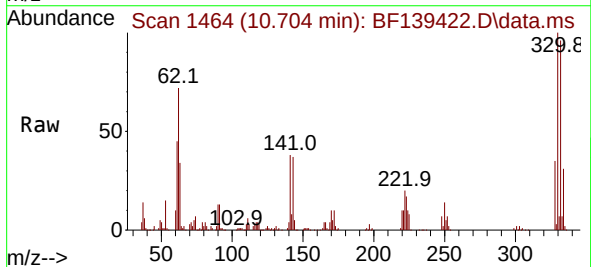
Instrument :
BNA_F
ClientSampleId :
PB163372BS

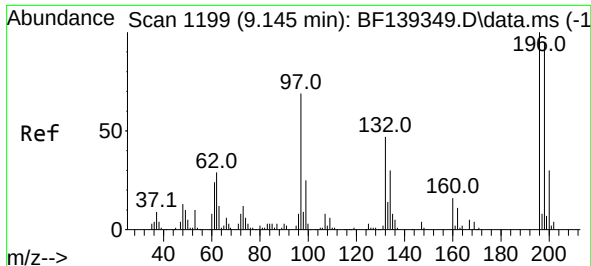
Tgt Ion:237 Resp: 261586
Ion Ratio Lower Upper
237 100
235 64.0 42.7 82.7
272 12.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 133.004 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:330 Resp: 220596
Ion Ratio Lower Upper
330 100
332 96.0 75.2 112.8
141 37.3 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 46.485 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

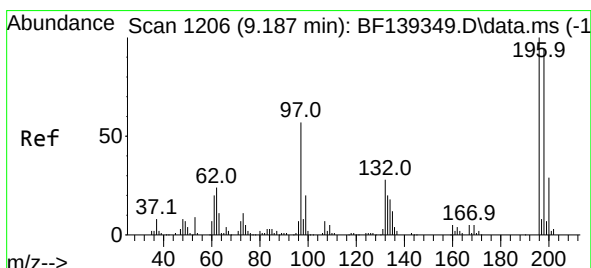
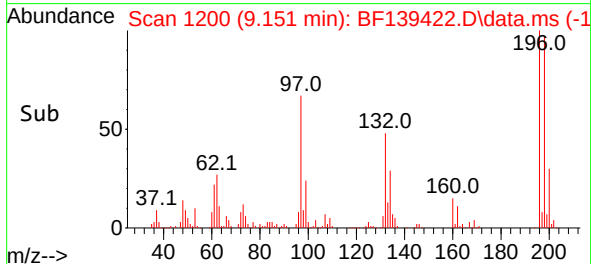
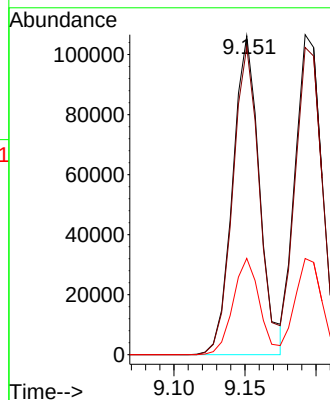
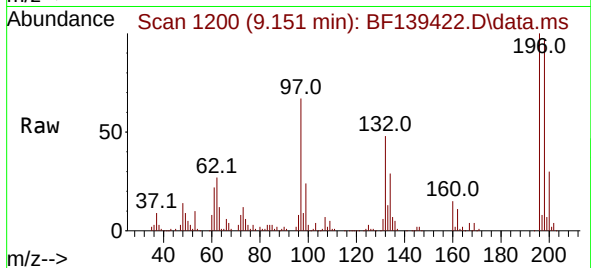
Tgt Ion:196 Resp: 139635

Ion Ratio Lower Upper

196 100

198 96.6 75.8 113.6

200 30.2 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 44.253 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Tgt Ion:196 Resp: 140219

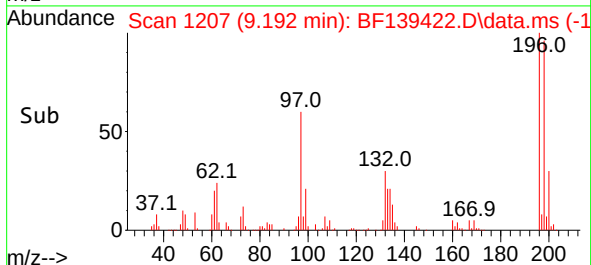
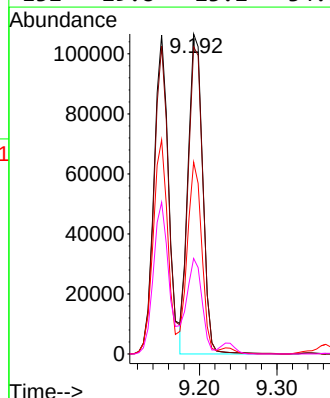
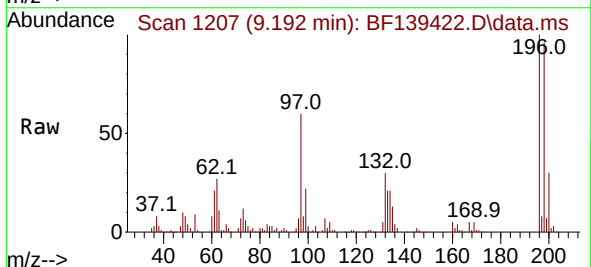
Ion Ratio Lower Upper

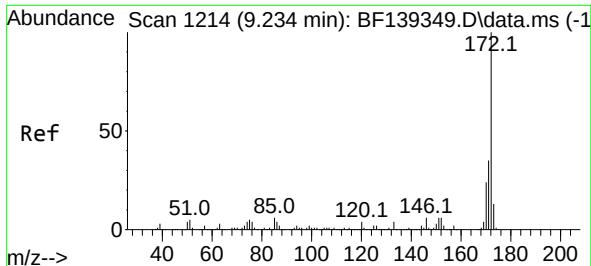
196 100

198 96.0 74.8 112.2

97 59.9 47.3 70.9

132 29.8 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 91.197 ng

RT: 9.239 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

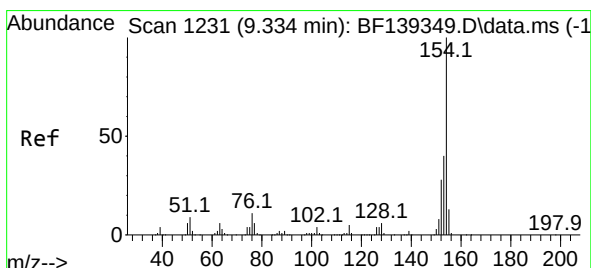
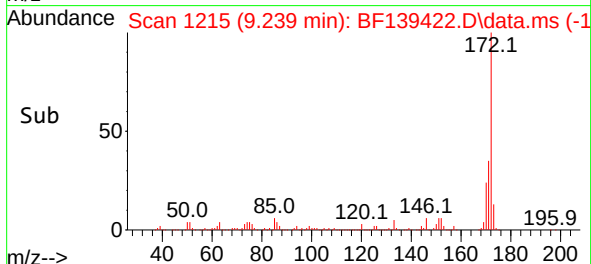
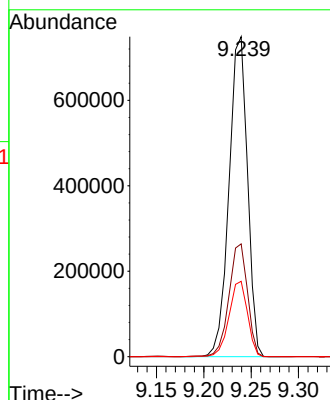
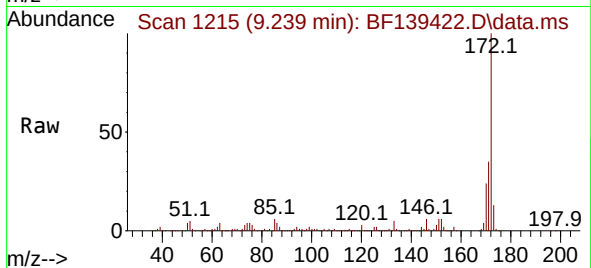
Tgt Ion:172 Resp: 1012998

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 43.969 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

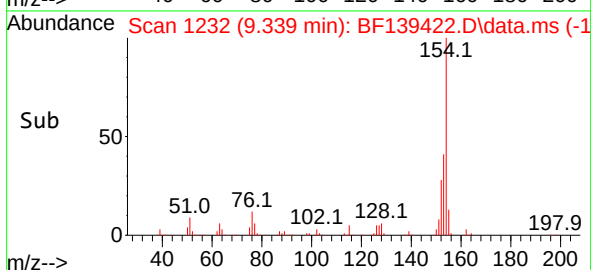
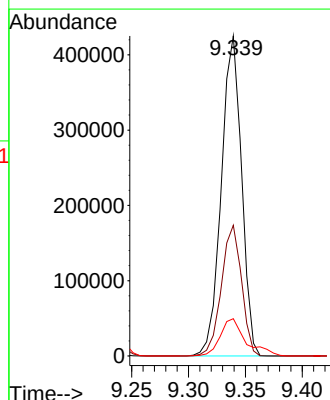
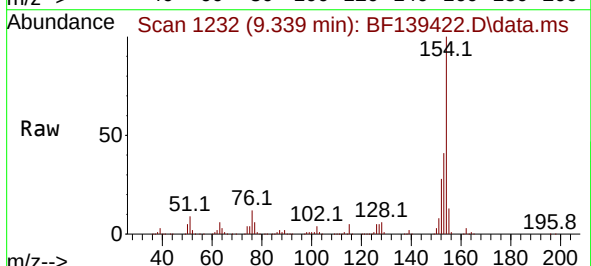
Tgt Ion:154 Resp: 526979

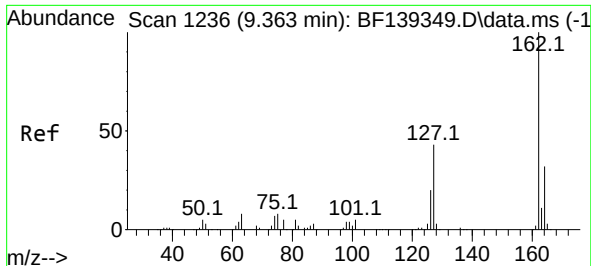
Ion Ratio Lower Upper

154 100

153 40.8 20.1 60.1

76 11.7 0.0 31.1





#47

2-Chloronaphthalene

Concen: 43.602 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

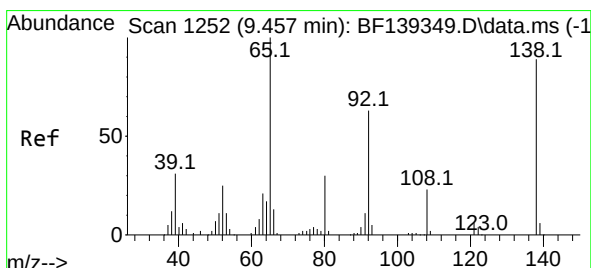
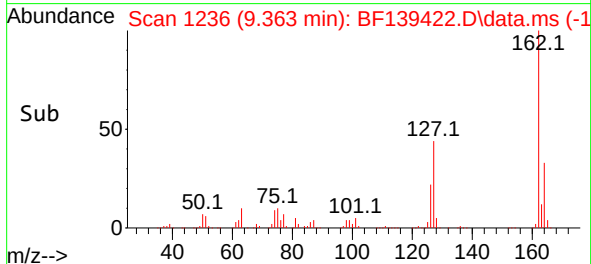
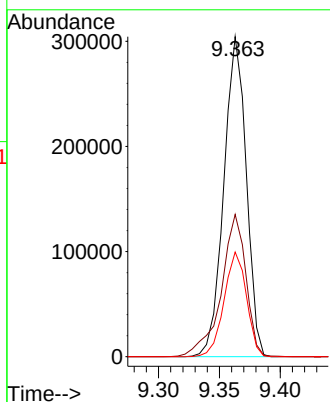
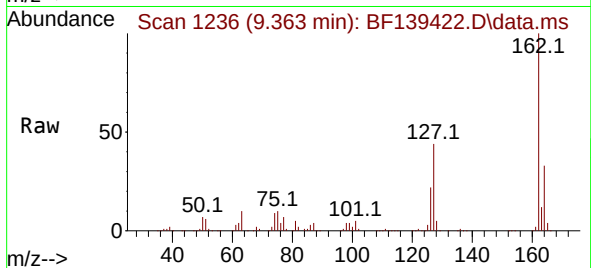
Tgt Ion:162 Resp: 390734

Ion Ratio Lower Upper

162 100

127 44.5 35.0 52.4

164 32.7 25.8 38.6



#48

2-Nitroaniline

Concen: 44.573 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

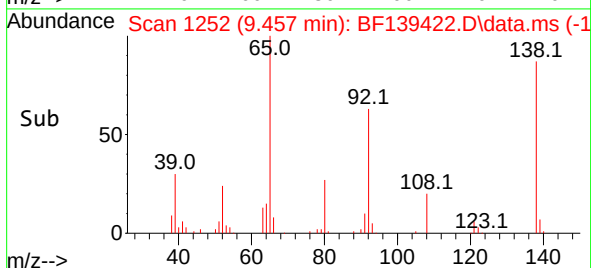
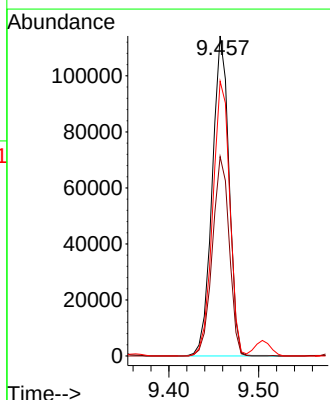
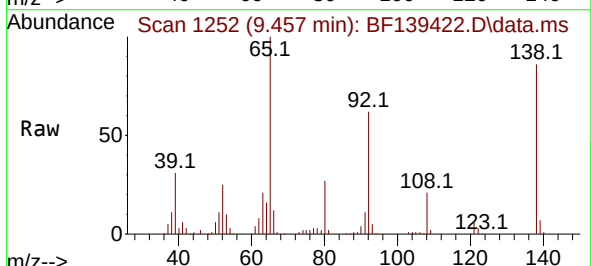
Tgt Ion: 65 Resp: 148568

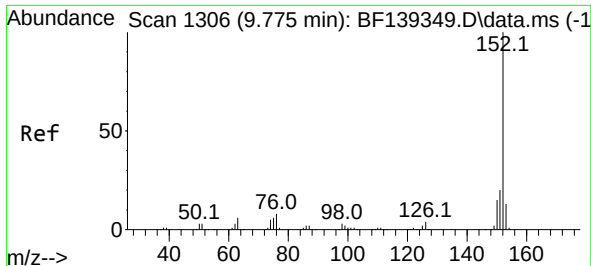
Ion Ratio Lower Upper

65 100

92 62.3 50.3 75.5

138 85.9 71.3 106.9

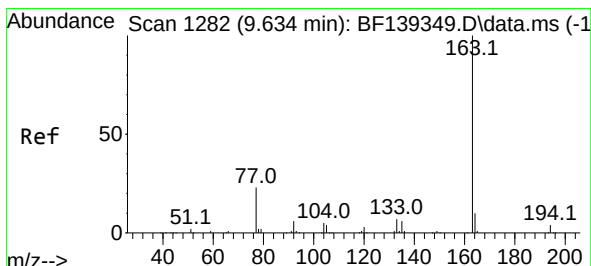
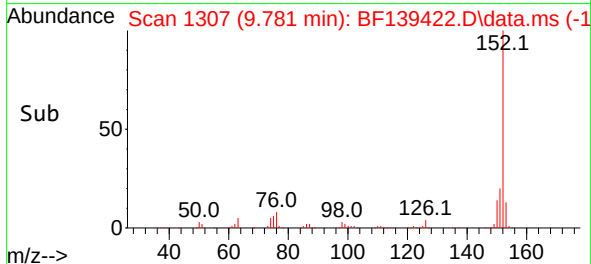
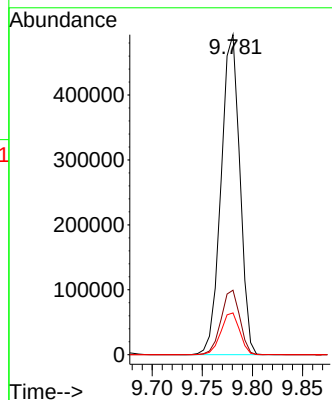
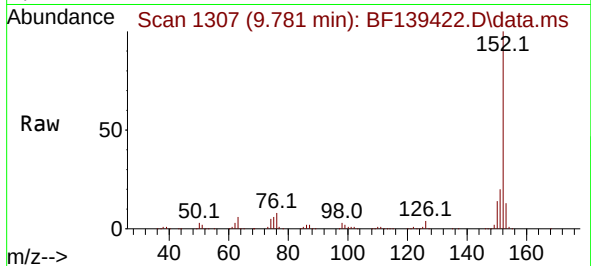




#49
Acenaphthylene
Concen: 47.529 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

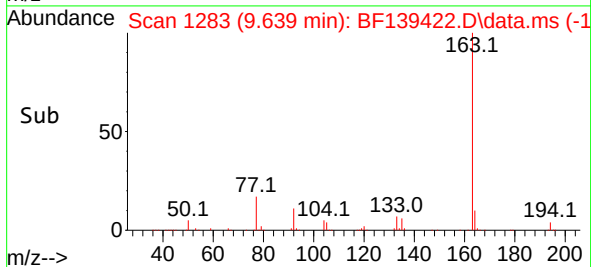
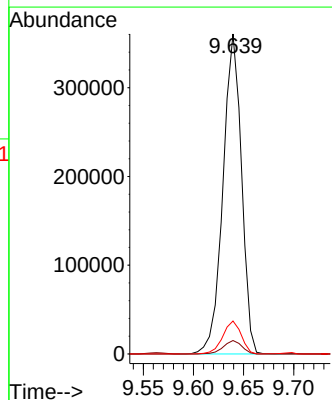
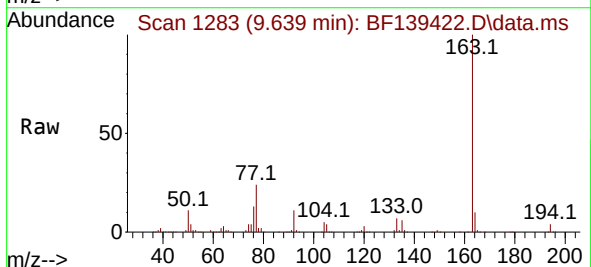
Instrument :
BNA_F
ClientSampleId :
PB163372BS

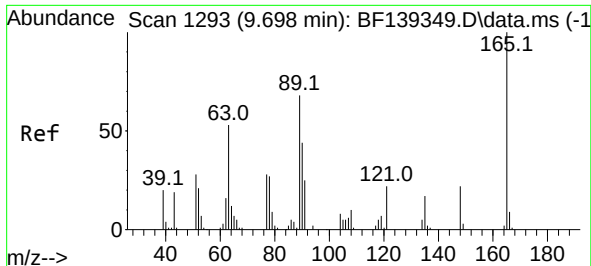
Tgt Ion:152 Resp: 641141
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.0 10.3 15.5



#50
Dimethylphthalate
Concen: 45.280 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:163 Resp: 462992
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 44.326 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

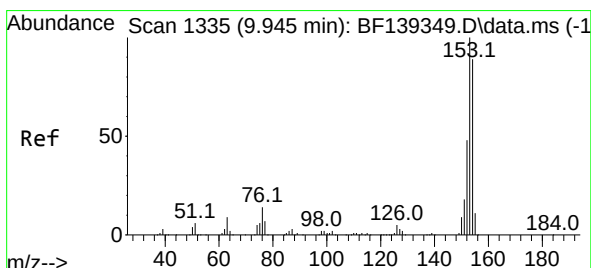
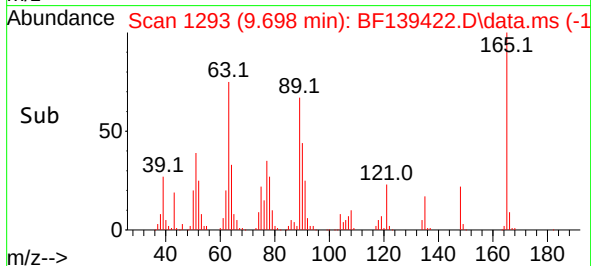
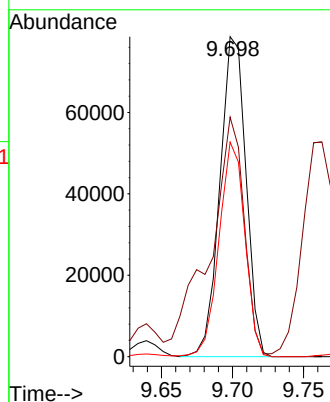
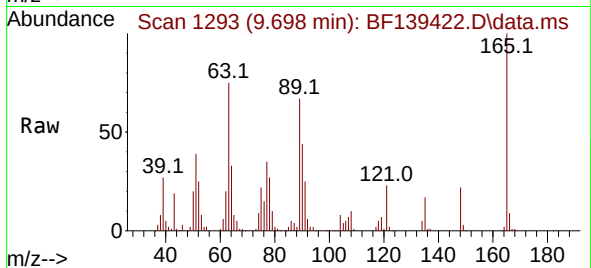
Tgt Ion:165 Resp: 100407

Ion Ratio Lower Upper

165 100

63 74.8 60.9 91.3

89 67.0 54.7 82.1



#52

Acenaphthene

Concen: 50.131 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

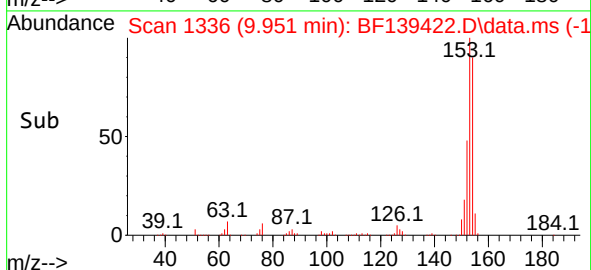
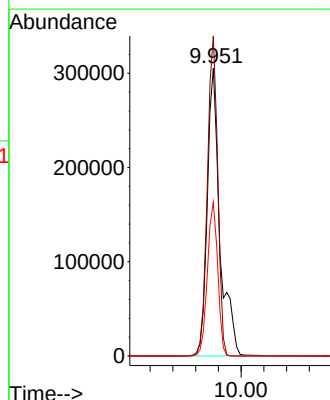
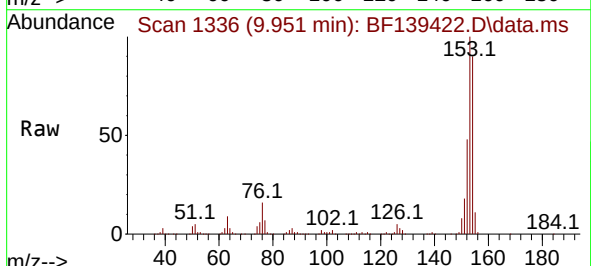
Tgt Ion:154 Resp: 471974

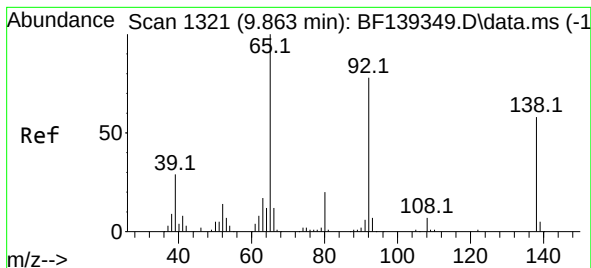
Ion Ratio Lower Upper

154 100

153 111.2 89.5 134.3

152 53.5 42.6 64.0





#53

3-Nitroaniline

Concen: 33.213 ng

RT: 9.869 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

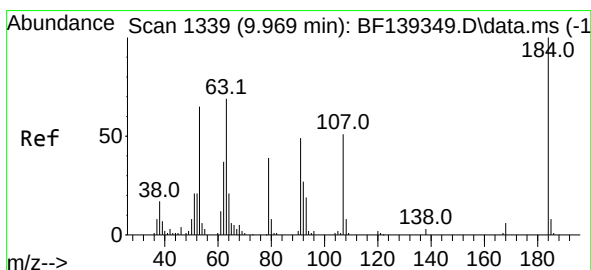
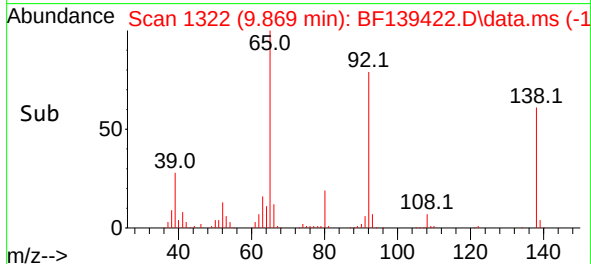
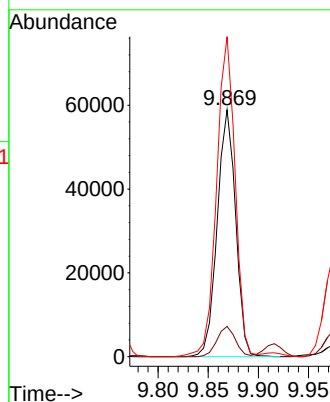
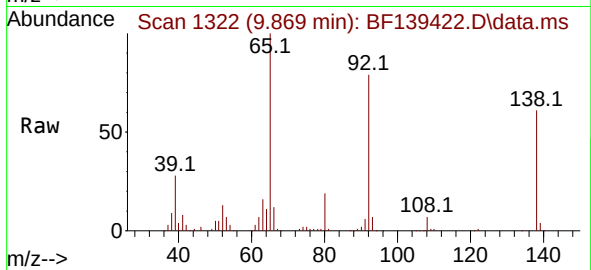
Tgt Ion:138 Resp: 75186

Ion Ratio Lower Upper

138 100

108 12.3 9.8 14.8

92 129.6 107.4 161.2



#54

2,4-Dinitrophenol

Concen: 96.658 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

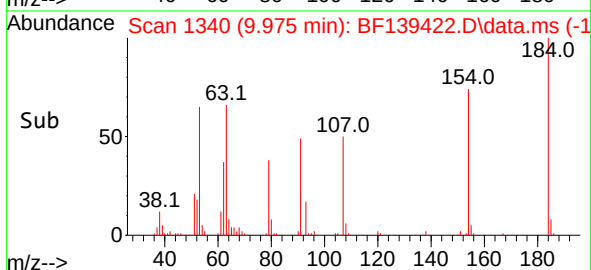
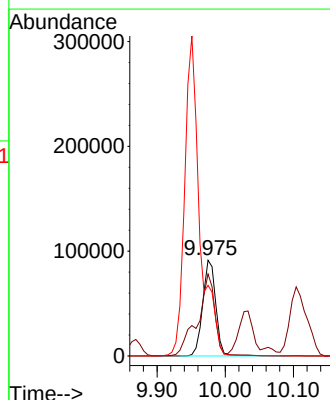
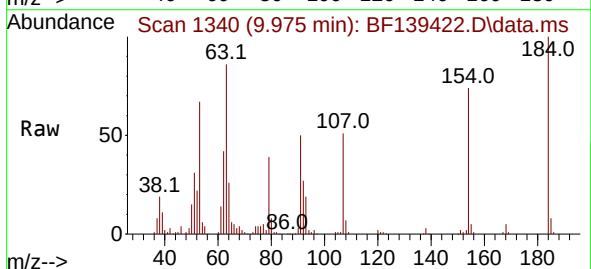
Tgt Ion:184 Resp: 122002

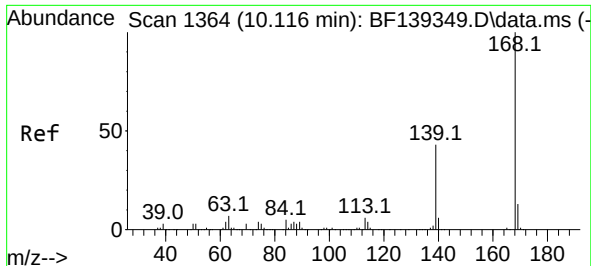
Ion Ratio Lower Upper

184 100

63 85.6 69.3 103.9

154 73.8 67.5 101.3

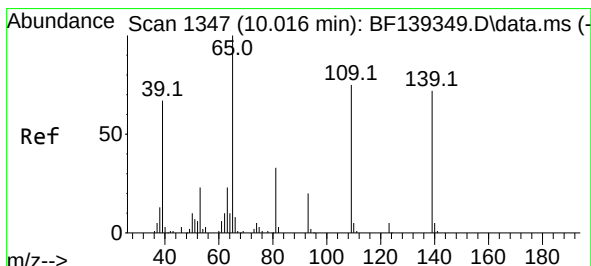
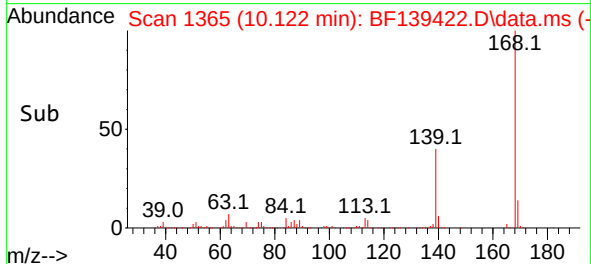
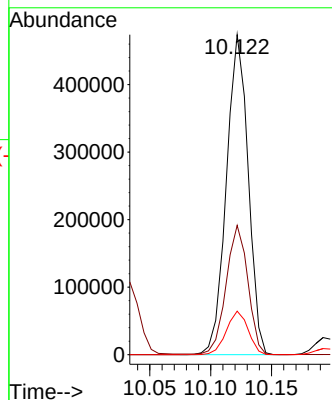
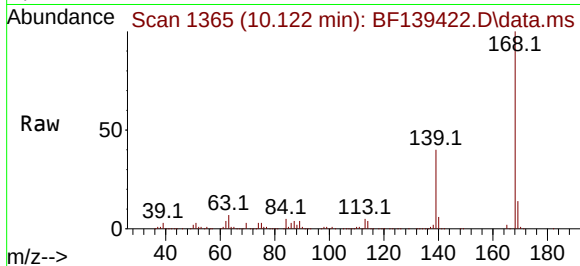




#55
Dibenzenofuran
Concen: 44.891 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

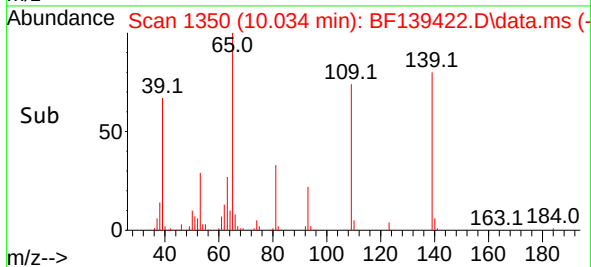
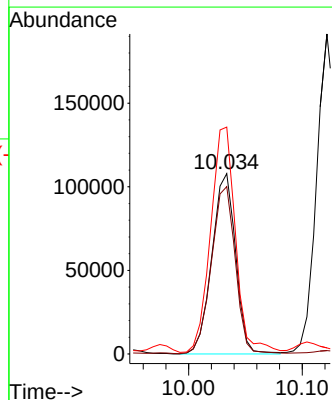
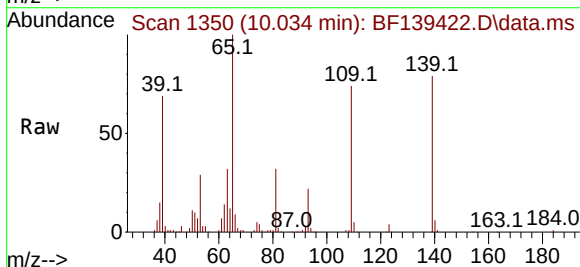
Instrument :
BNA_F
ClientSampleId :
PB163372BS

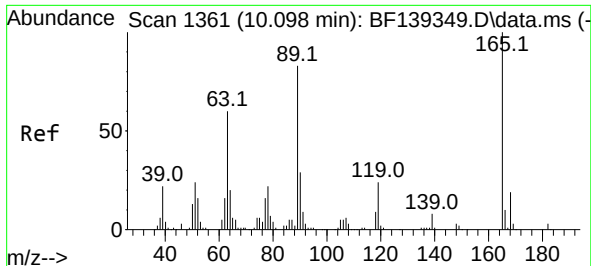
Tgt Ion:168 Resp: 589071
Ion Ratio Lower Upper
168 100
139 40.4 34.1 51.1
169 13.6 10.5 15.7



#56
4-Nitrophenol
Concen: 83.914 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:139 Resp: 157186
Ion Ratio Lower Upper
139 100
109 92.8 84.1 124.1
65 125.8 120.0 160.0

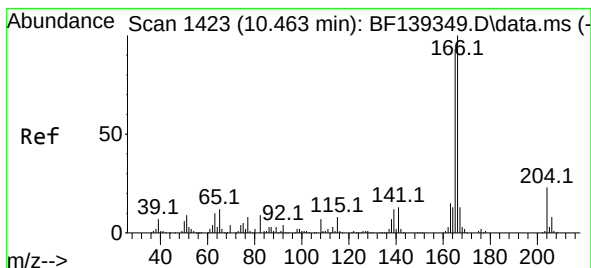
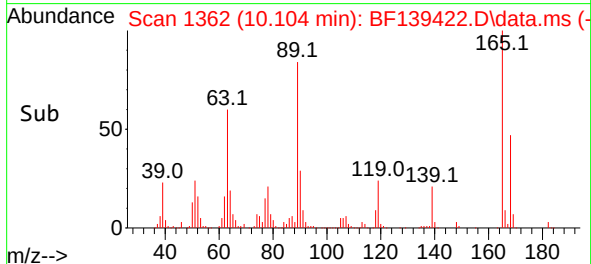
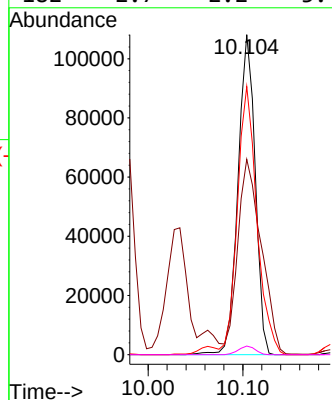
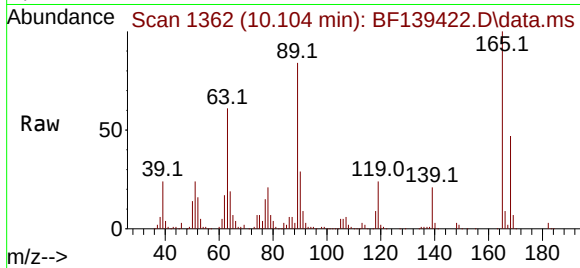




#57
2,4-Dinitrotoluene
Concen: 44.490 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

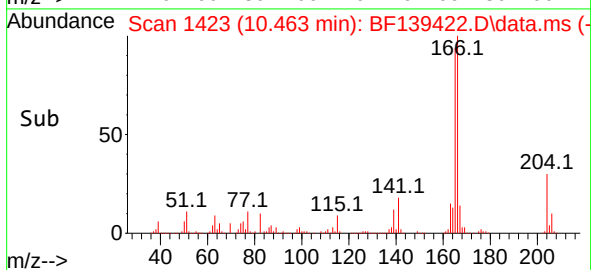
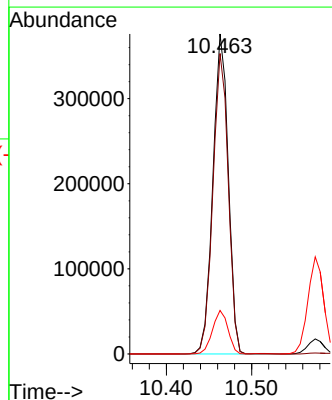
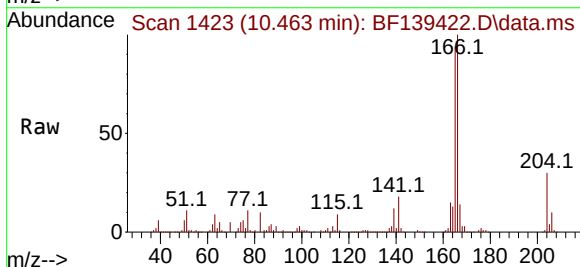
Instrument :
BNA_F
ClientSampleId :
PB163372BS

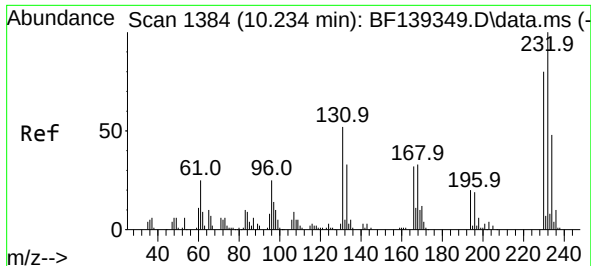
Tgt Ion:165 Resp: 136057
Ion Ratio Lower Upper
165 100
63 61.0 47.8 71.6
89 83.8 66.7 100.1
182 2.7 2.2 3.4



#58
Fluorene
Concen: 43.976 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:166 Resp: 470840
Ion Ratio Lower Upper
166 100
165 93.9 74.5 111.7
167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.582 ng

RT: 10.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

Tgt Ion:232 Resp: 119476

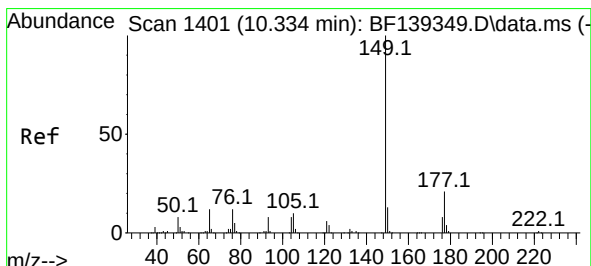
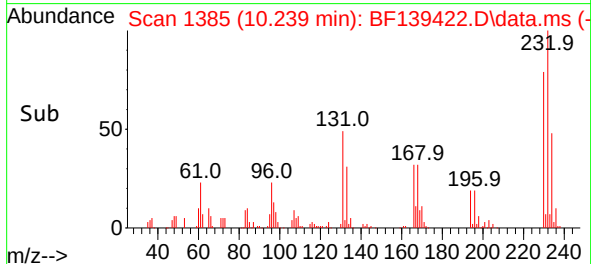
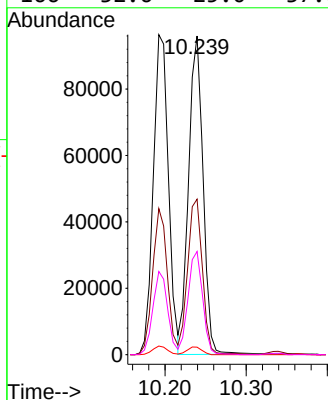
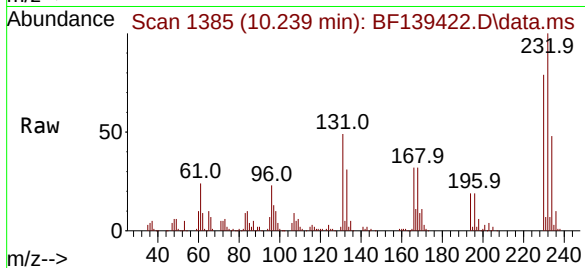
Ion Ratio Lower Upper

232 100

131 50.0 40.7 61.1

130 2.5 2.2 3.2

166 32.6 25.0 37.6



#60

Diethylphthalate

Concen: 45.479 ng

RT: 10.339 min Scan# 1402

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

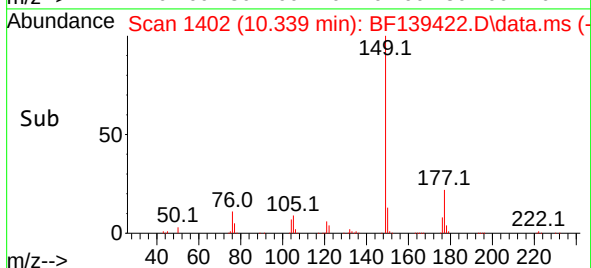
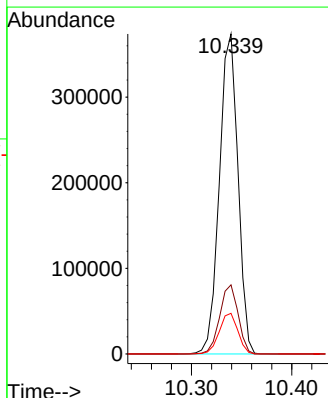
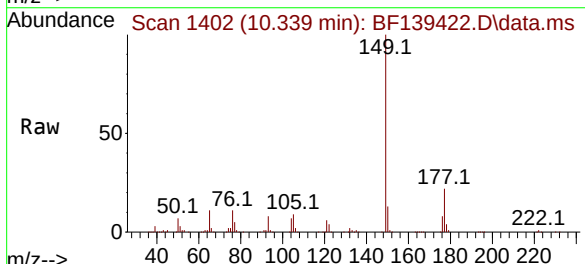
Tgt Ion:149 Resp: 479895

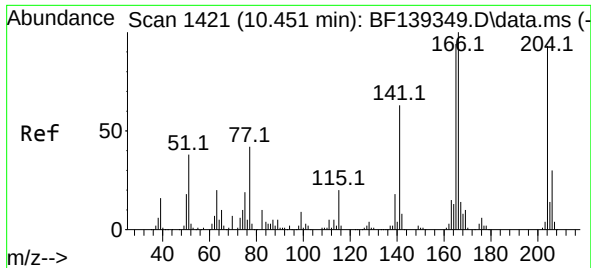
Ion Ratio Lower Upper

149 100

177 21.6 16.6 24.8

150 12.7 10.6 15.8

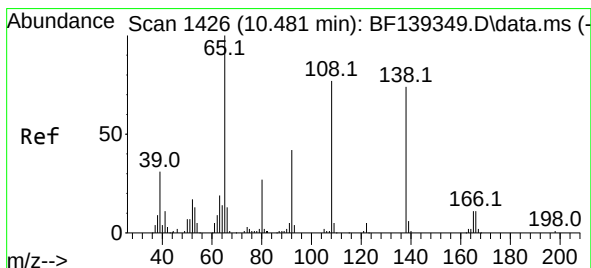
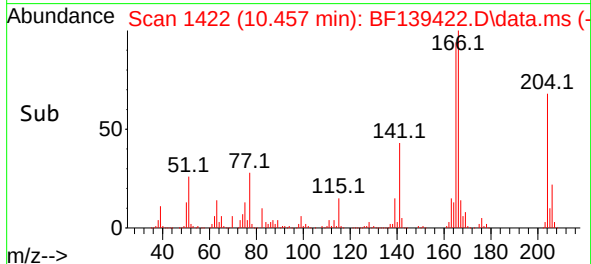
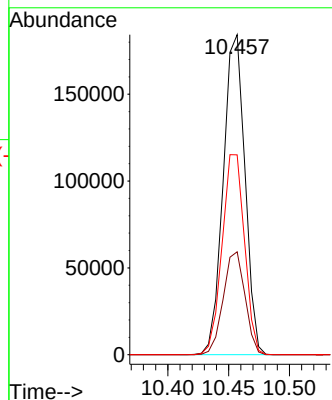
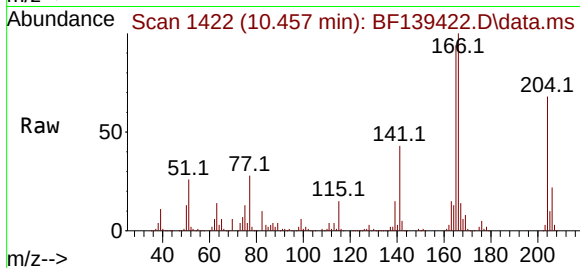




#61
4-Chlorophenyl-phenylether
Concen: 44.012 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

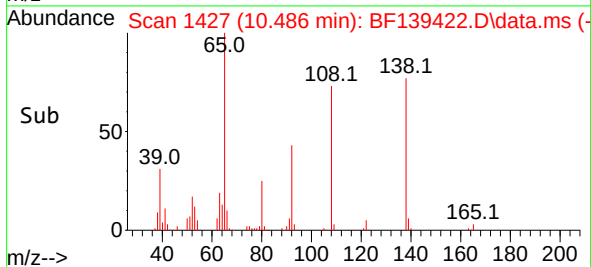
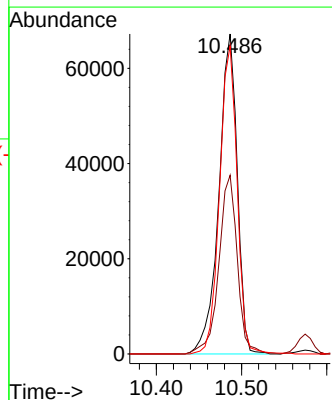
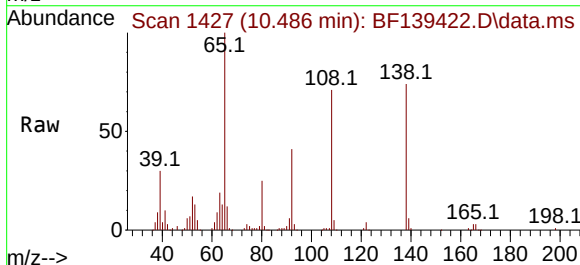
Instrument :
BNA_F
ClientSampleId :
PB163372BS

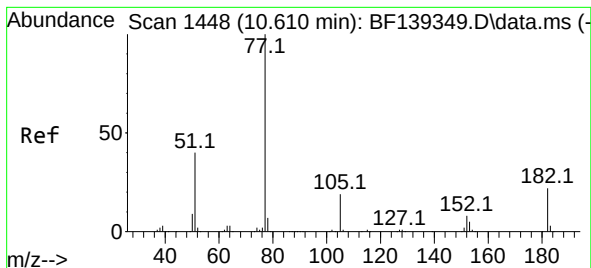
Tgt Ion:204 Resp: 229009
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 62.4 53.9 80.9



#62
4-Nitroaniline
Concen: 40.796 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:138 Resp: 100792
Ion Ratio Lower Upper
138 100
92 55.9 37.0 77.0
108 96.3 84.4 124.4





#63

Azobenzene

Concen: 46.017 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

Tgt Ion: 77 Resp: 477578

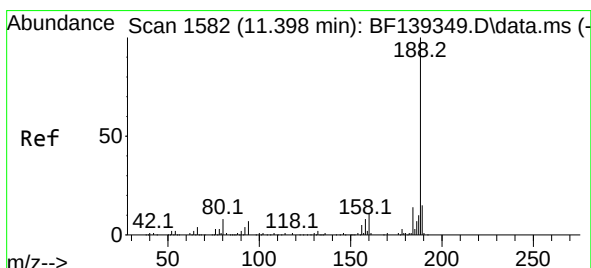
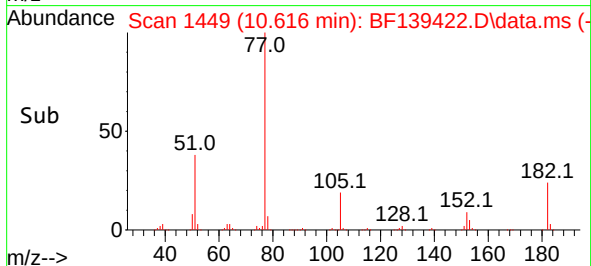
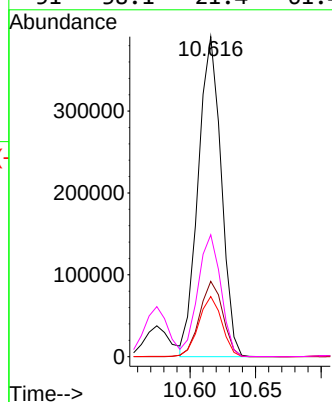
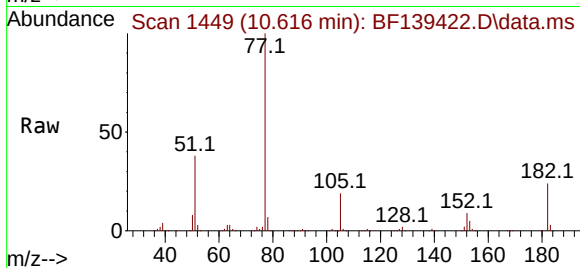
Ion Ratio Lower Upper

77 100

182 23.6 1.8 41.8

105 18.8 0.0 38.6

51 38.1 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

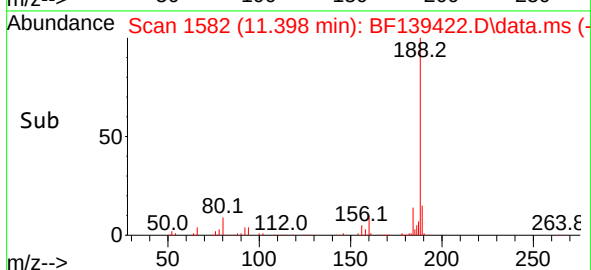
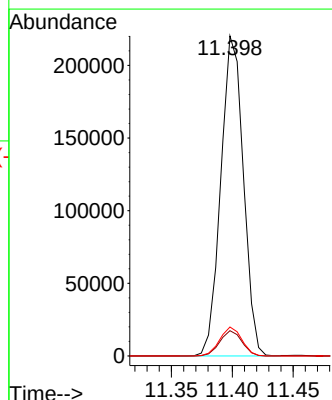
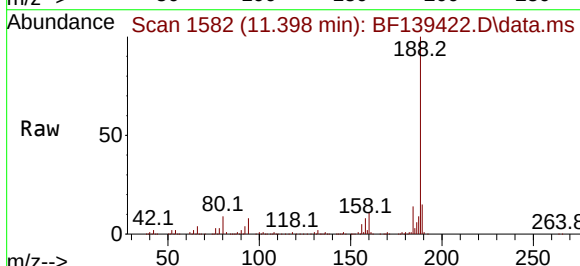
Tgt Ion:188 Resp: 284295

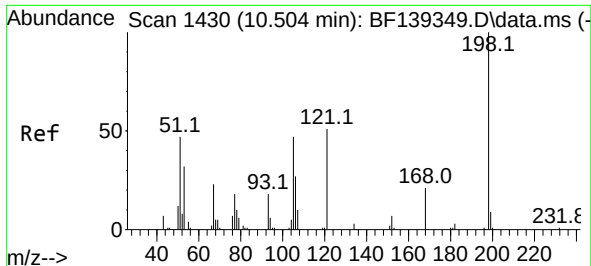
Ion Ratio Lower Upper

188 100

94 7.9 5.5 8.3

80 9.0 6.6 9.8

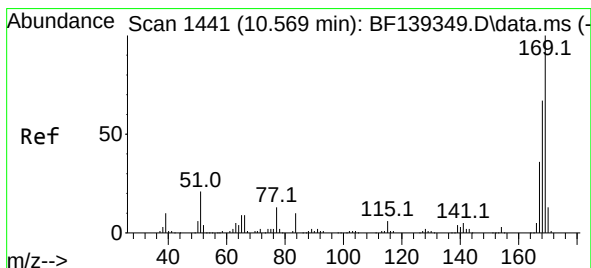
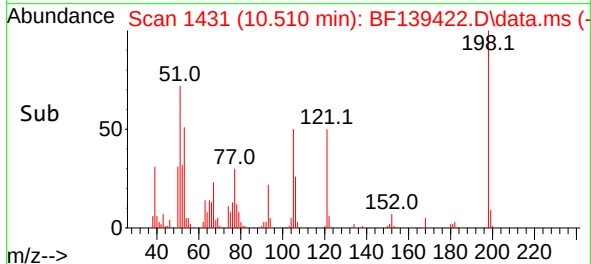
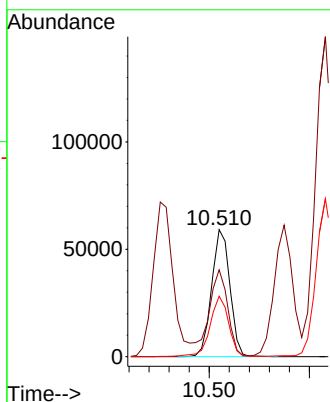
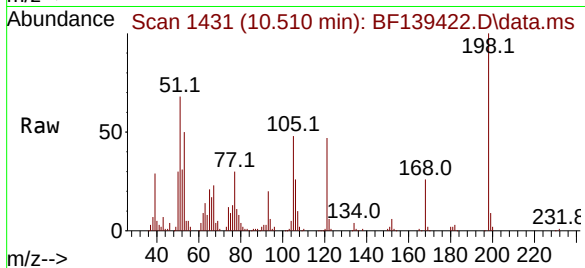




#65
4,6-Dinitro-2-methylphenol
Concen: 49.758 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

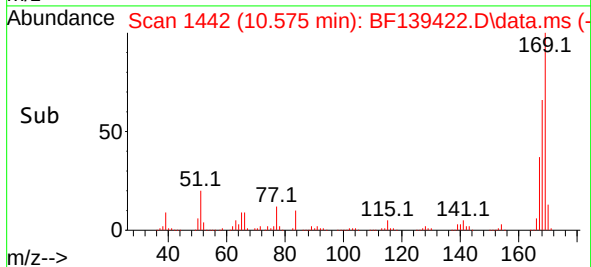
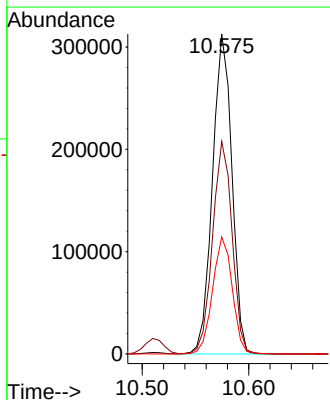
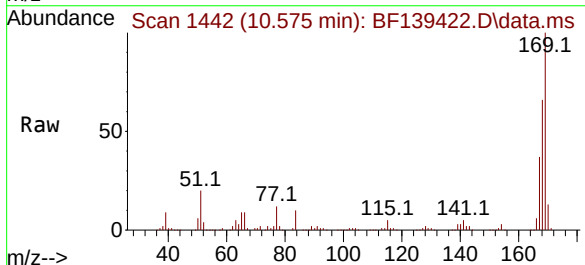
Instrument :
BNA_F
ClientSampleId :
PB163372BS

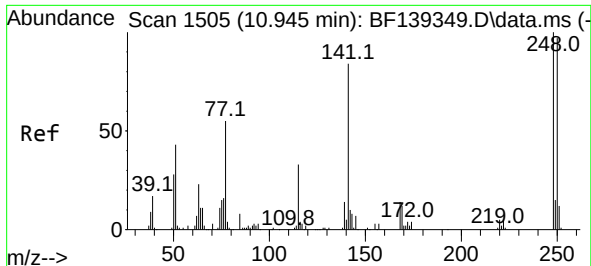
Tgt Ion:198 Resp: 74660
Ion Ratio Lower Upper
198 100
51 68.4 50.4 90.4
105 47.6 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 47.549 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:169 Resp: 395217
Ion Ratio Lower Upper
169 100
168 66.4 53.6 80.4
167 36.5 28.7 43.1

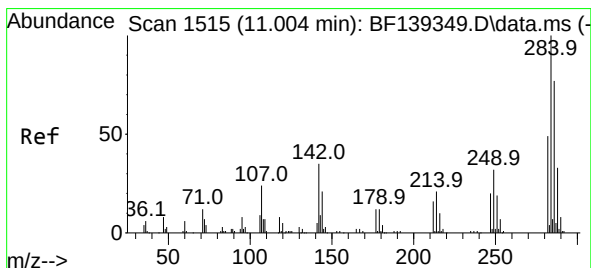
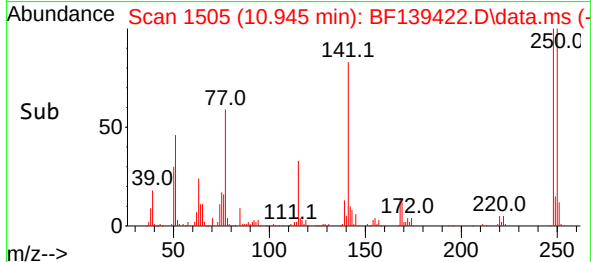
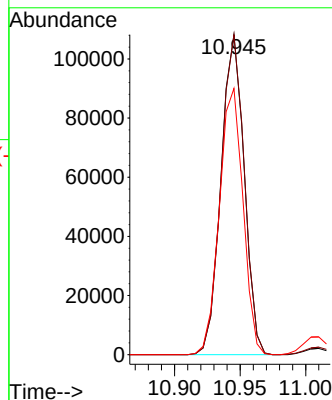
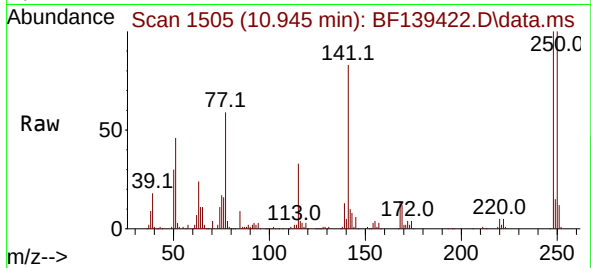




#67
4-Bromophenyl-phenylether
Concen: 47.190 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

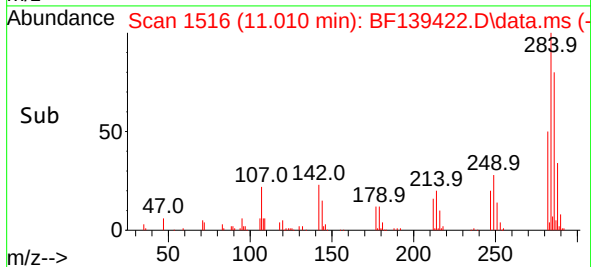
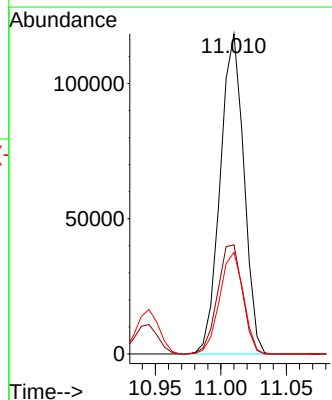
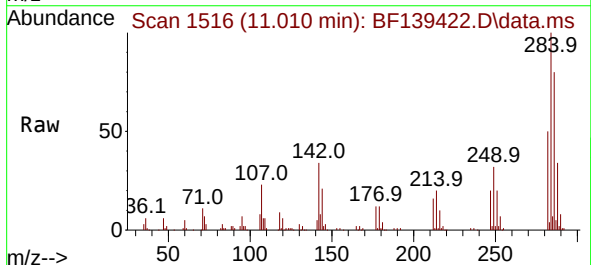
Instrument :
BNA_F
ClientSampleId :
PB163372BS

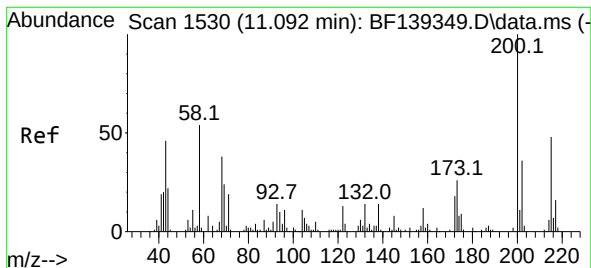
Tgt Ion:248 Resp: 132947
Ion Ratio Lower Upper
248 100
250 100.0 77.6 116.4
141 83.2 66.9 100.3



#68
Hexachlorobenzene
Concen: 44.935 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:284 Resp: 148576
Ion Ratio Lower Upper
284 100
142 34.1 28.0 42.0
249 31.8 25.3 37.9





#69

Atrazine

Concen: 65.116 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

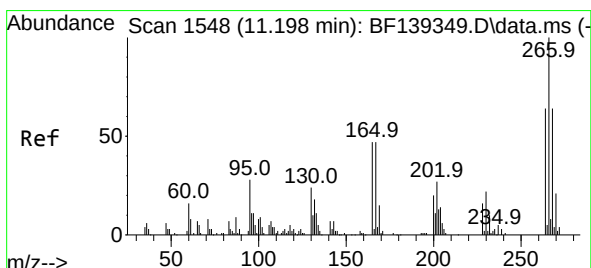
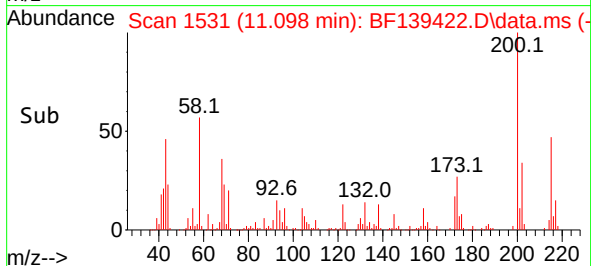
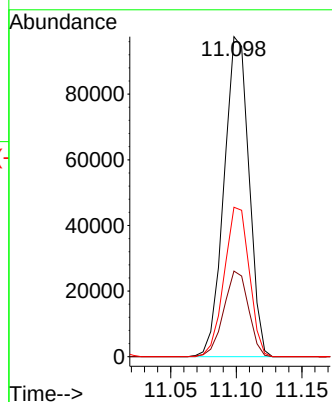
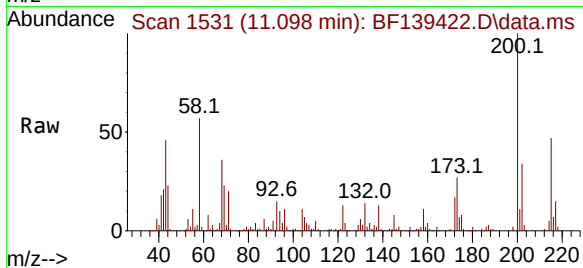
Tgt Ion:200 Resp: 128851

Ion Ratio Lower Upper

200 100

173 26.7 6.1 46.1

215 46.7 28.2 68.2



#70

Pentachlorophenol

Concen: 86.770 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

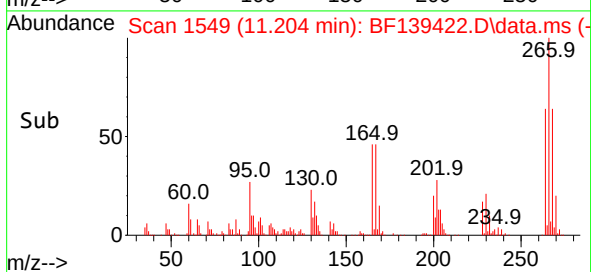
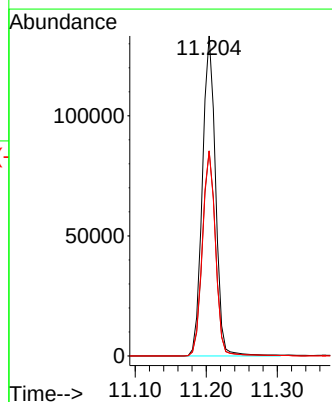
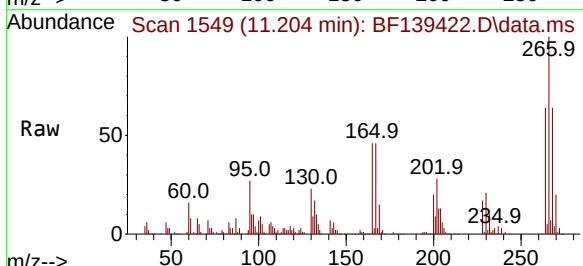
Tgt Ion:266 Resp: 172152

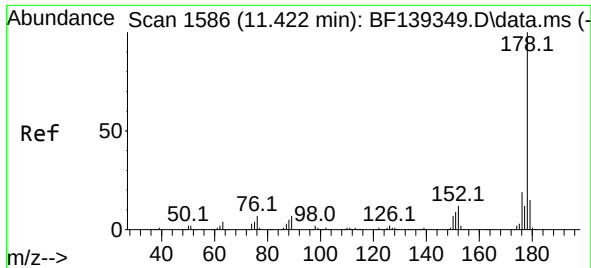
Ion Ratio Lower Upper

266 100

268 64.1 51.1 76.7

264 64.1 51.4 77.0

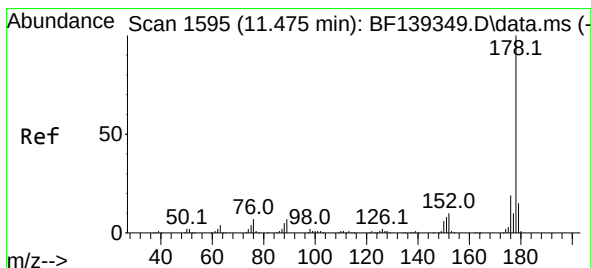
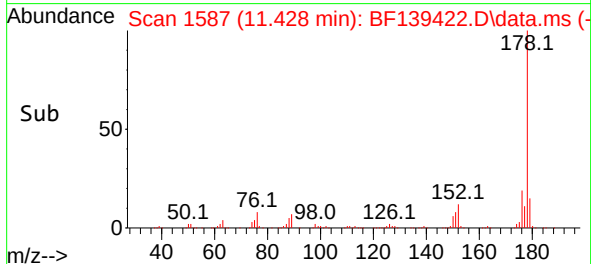
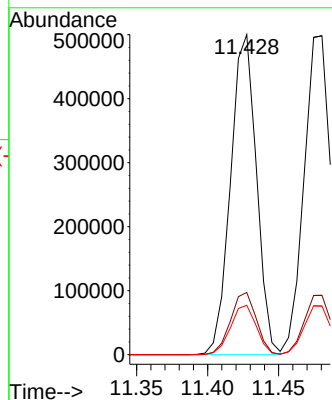
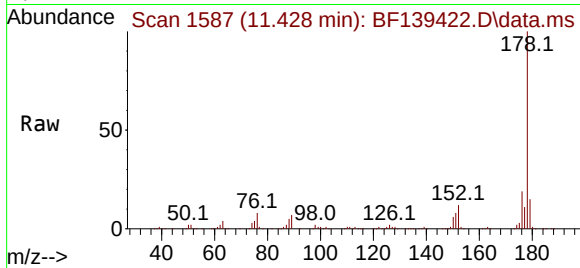




#71
Phenanthrene
Concen: 46.264 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

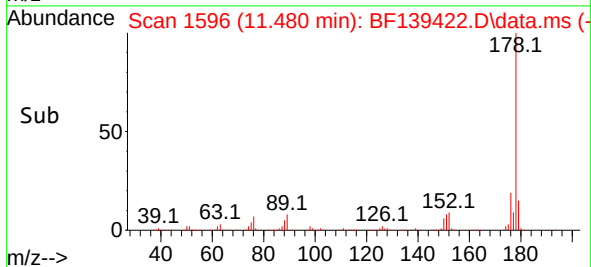
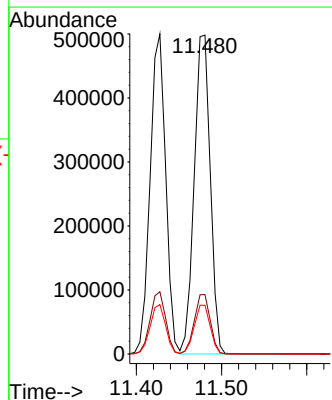
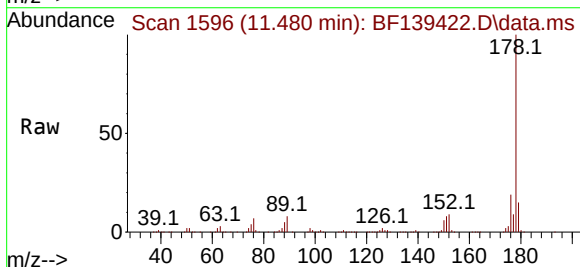
Instrument :
BNA_F
ClientSampleId :
PB163372BS

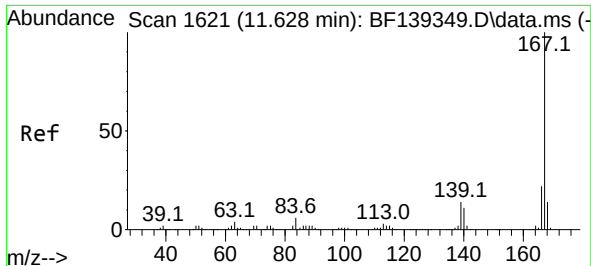
Tgt Ion:178 Resp: 634553
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.4 12.2 18.4



#72
Anthracene
Concen: 48.608 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:178 Resp: 651859
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.2 12.0 18.0

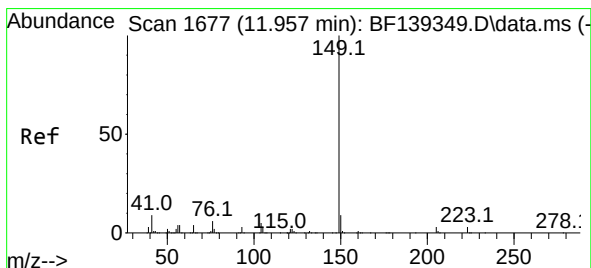
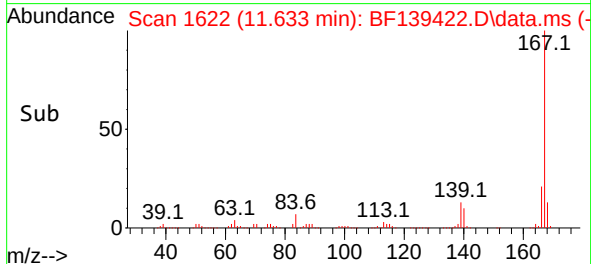
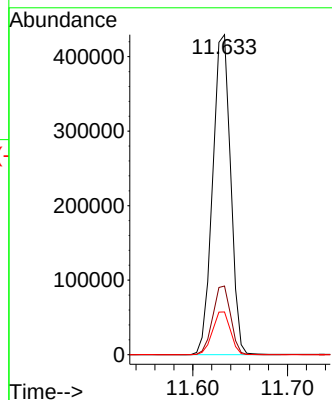
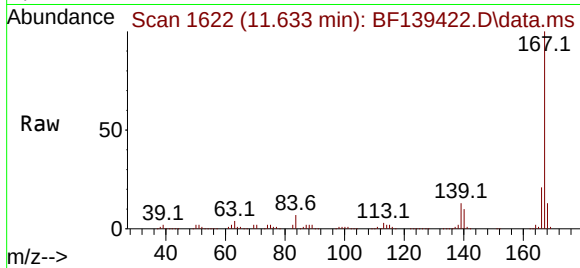




#73
 Carbazole
 Concen: 43.990 ng
 RT: 11.633 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BF139422.D
 Acq: 18 Sep 2024 12:36

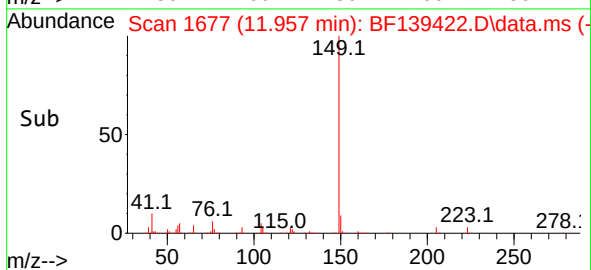
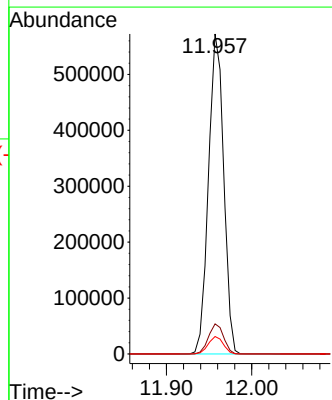
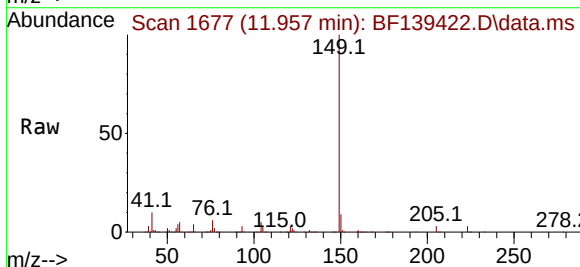
Instrument :
 BNA_F
 ClientSampleId :
 PB163372BS

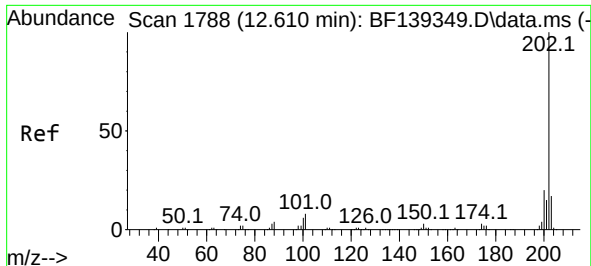
Tgt Ion:167 Resp: 564613
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 49.531 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139422.D
 Acq: 18 Sep 2024 12:36

Tgt Ion:149 Resp: 708198
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.5 4.3 6.5

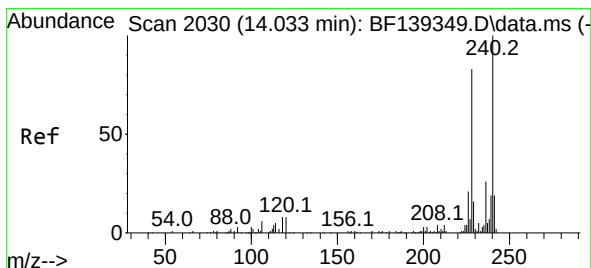
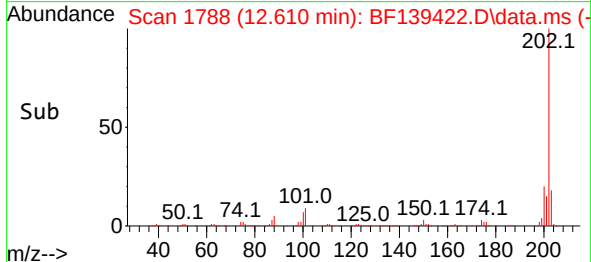
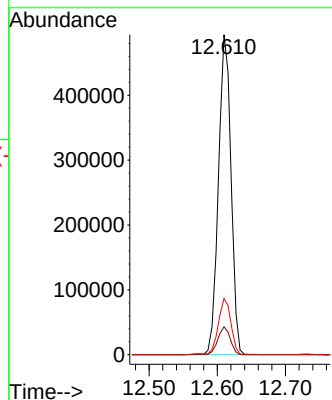
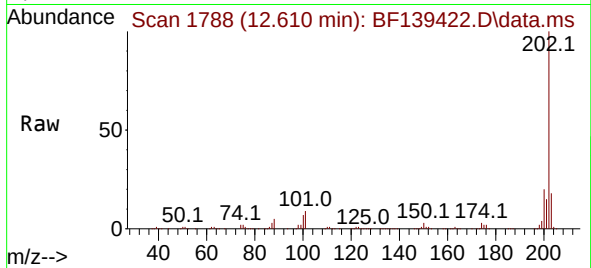




#75
Fluoranthene
Concen: 43.212 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

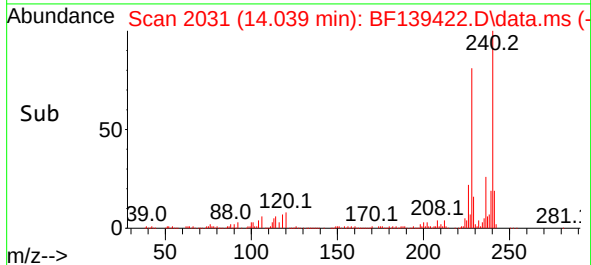
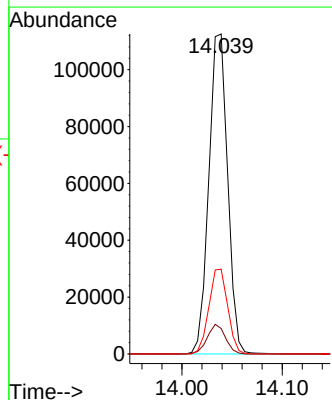
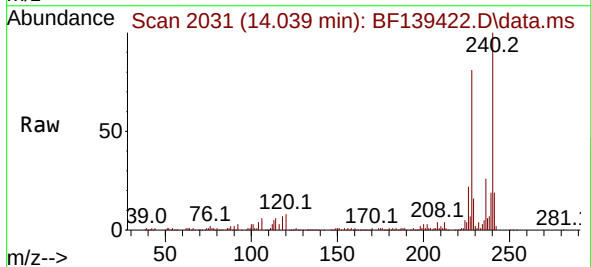
Instrument :
BNA_F
ClientSampleId :
PB163372BS

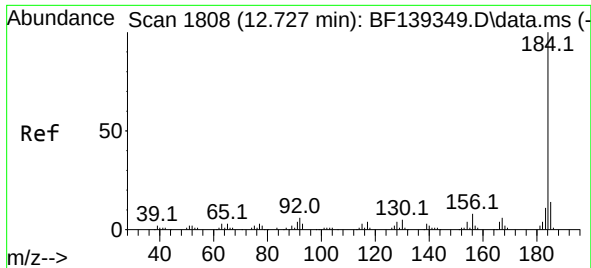
Tgt Ion:202 Resp: 632948
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.7
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:240 Resp: 147073
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.2
236 26.5 20.9 31.3

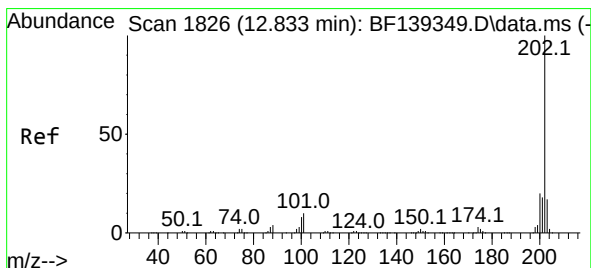
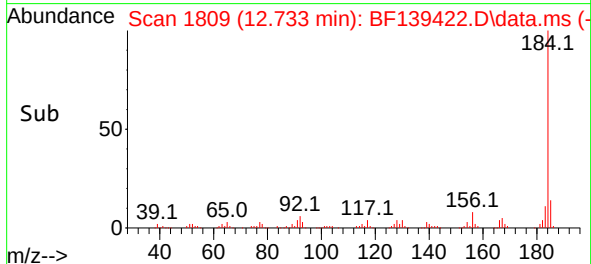
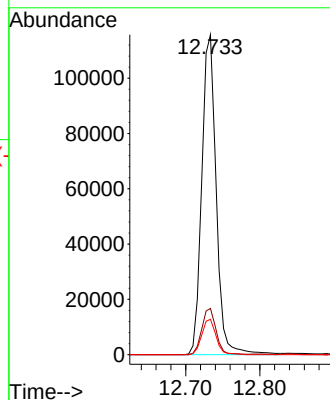
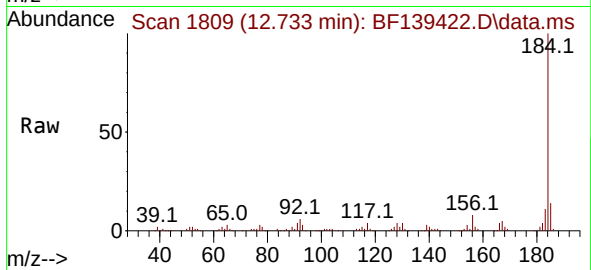




#77
Benzidine
Concen: 74.333 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

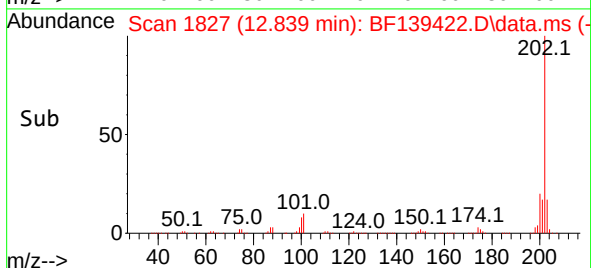
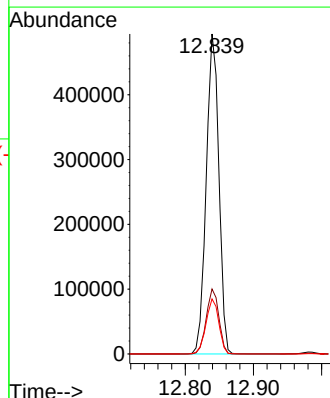
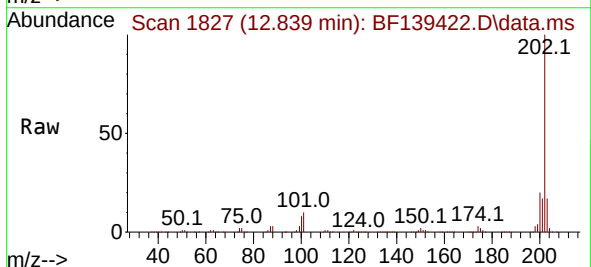
Instrument :
BNA_F
ClientSampleId :
PB163372BS

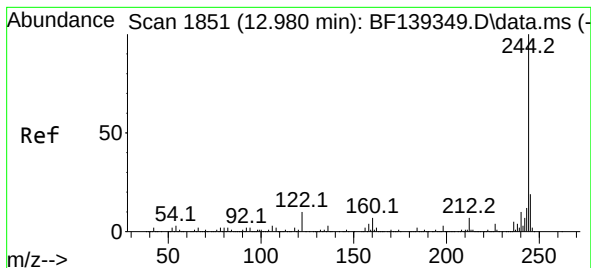
Tgt Ion:184 Resp: 156629
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.1 8.9 13.3



#78
Pyrene
Concen: 50.406 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:202 Resp: 636542
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 106.044 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139422.D

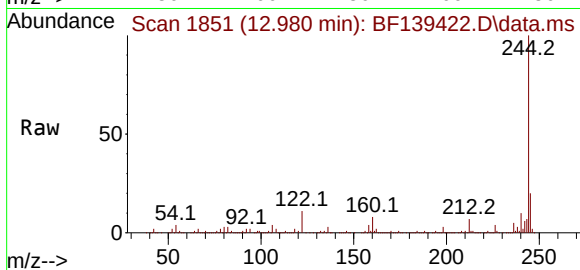
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS



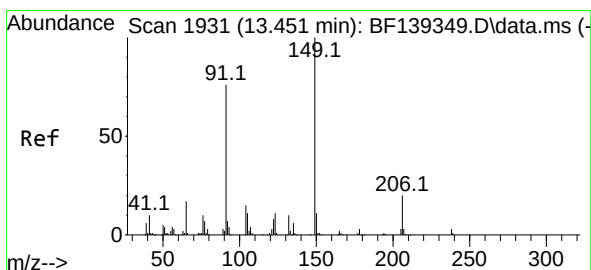
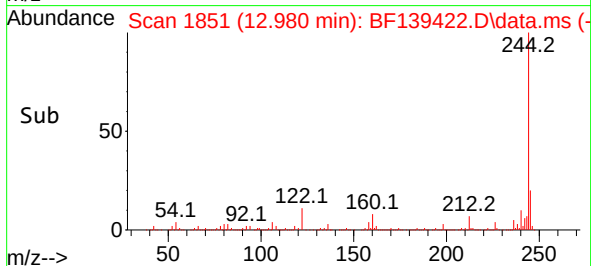
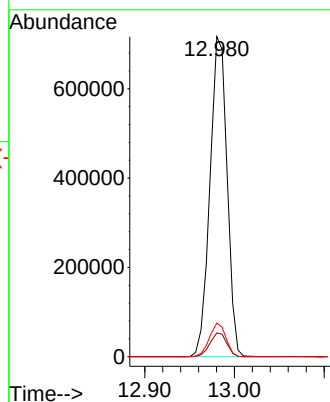
Tgt Ion:244 Resp: 950187

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 10.5 7.6 11.4



#80

Butylbenzylphthalate

Concen: 53.704 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

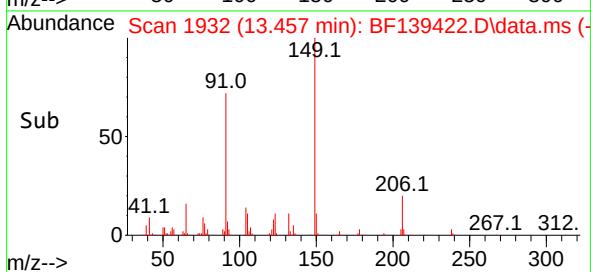
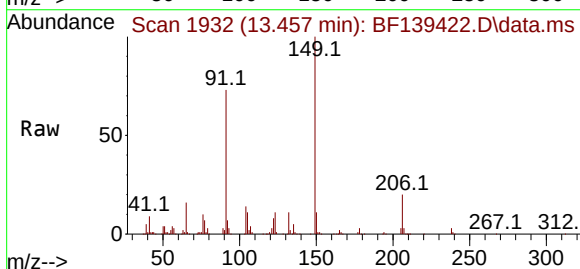
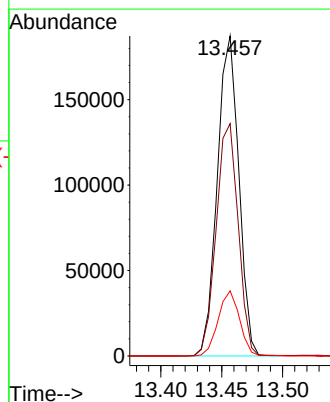
Tgt Ion:149 Resp: 230838

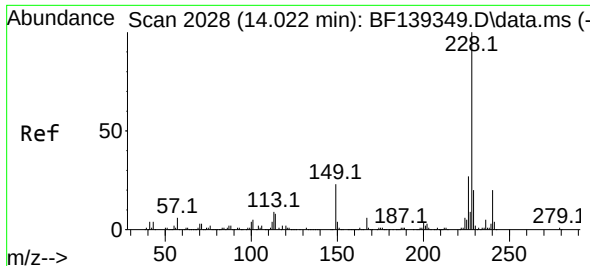
Ion Ratio Lower Upper

149 100

91 72.6 60.9 91.3

206 20.3 15.8 23.8

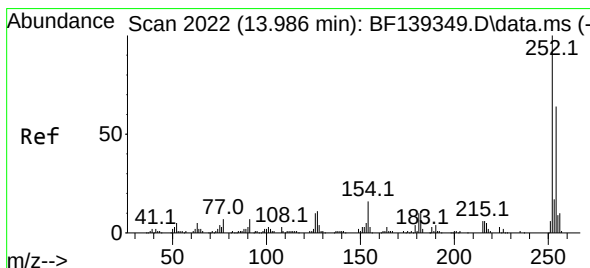
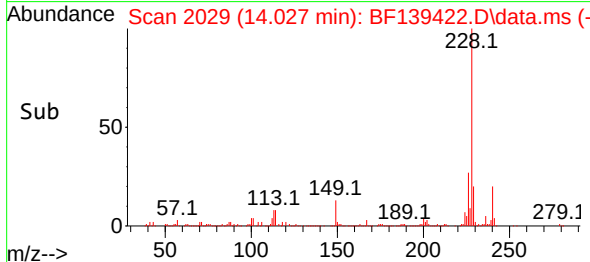
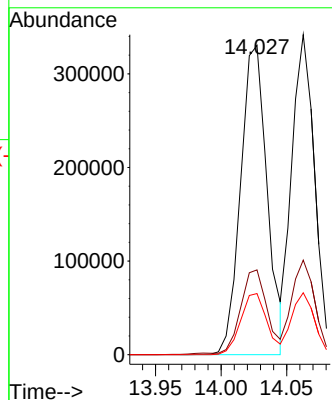
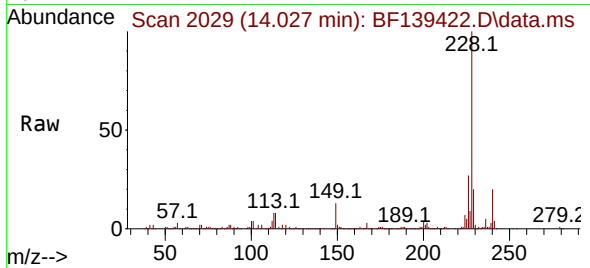




#81
Benzo(a)anthracene
Concen: 47.775 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

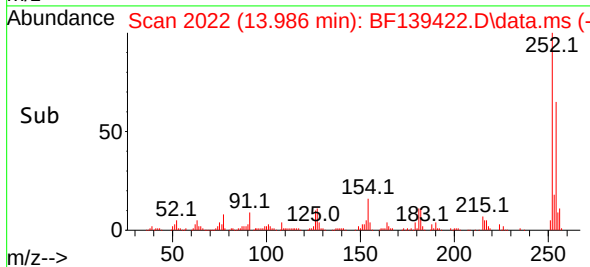
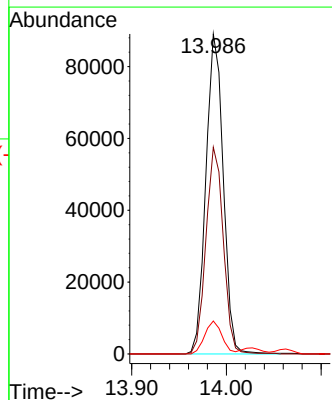
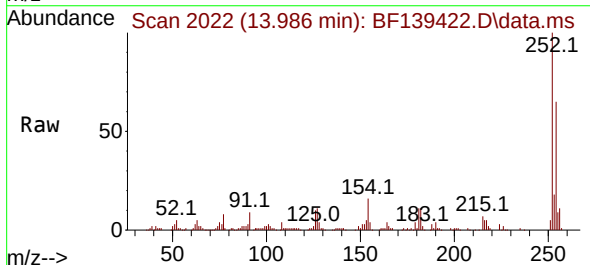
Instrument :
BNA_F
ClientSampleId :
PB163372BS

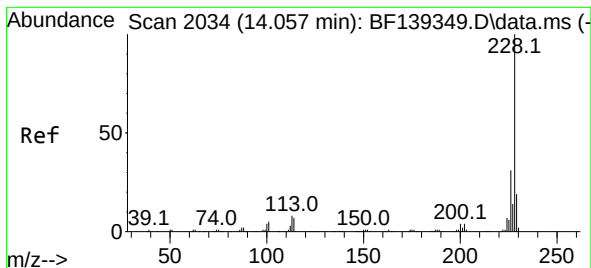
Tgt Ion:228 Resp: 465430
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 39.617 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:252 Resp: 113027
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 10.3 7.7 11.5





#83

Chrysene

Concen: 46.052 ng

RT: 14.063 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

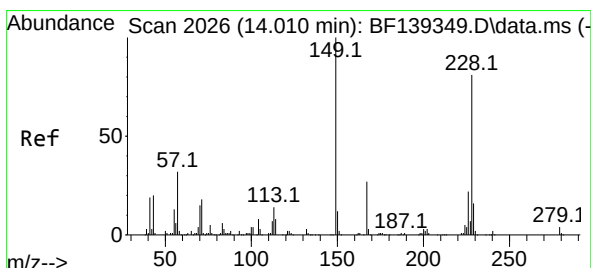
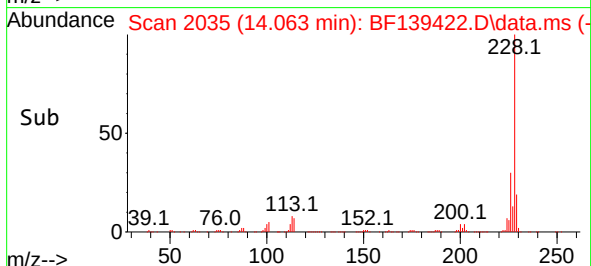
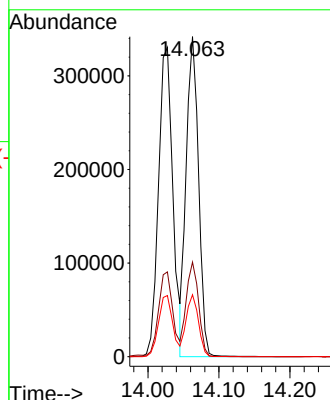
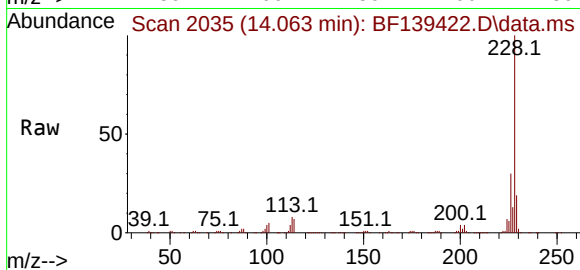
Tgt Ion:228 Resp: 412753

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

229 19.3 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.917 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

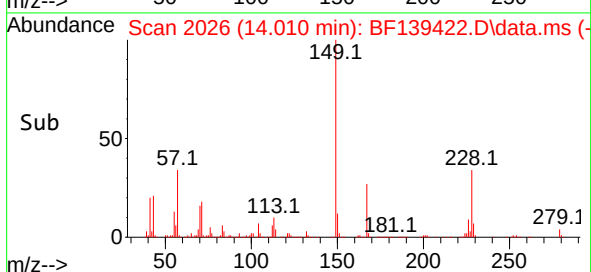
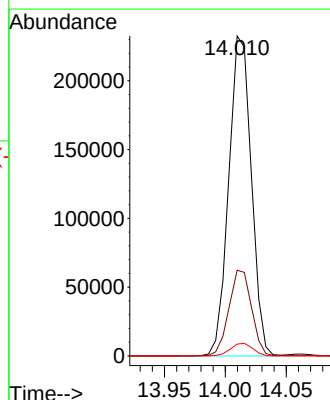
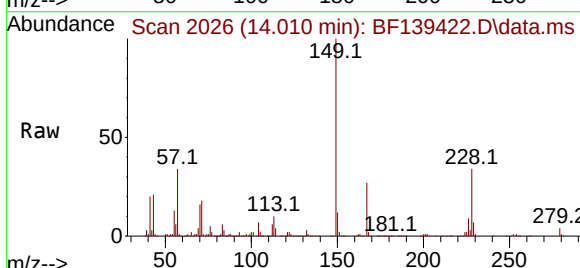
Tgt Ion:149 Resp: 300292

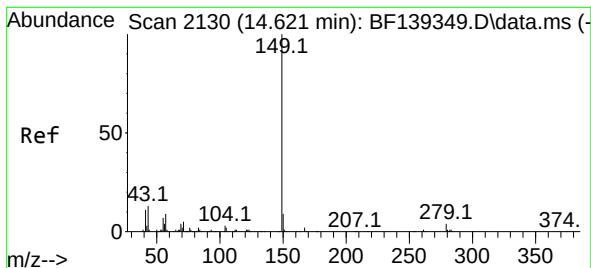
Ion Ratio Lower Upper

149 100

167 26.8 21.6 32.4

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 55.666 ng

RT: 14.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

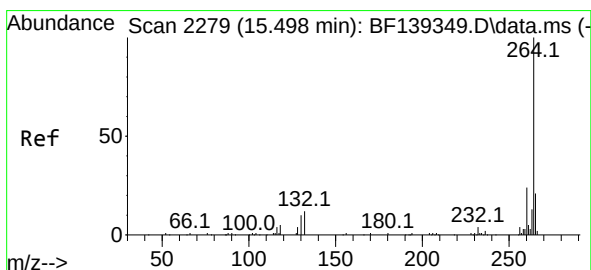
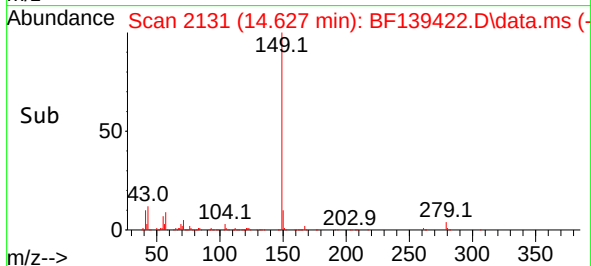
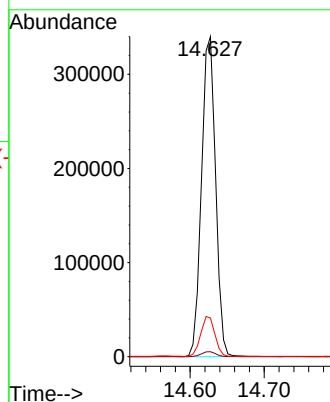
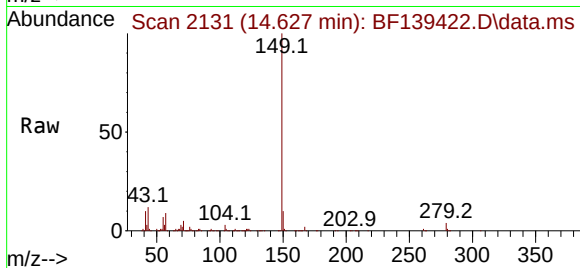
Tgt Ion:149 Resp: 448271

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.6 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

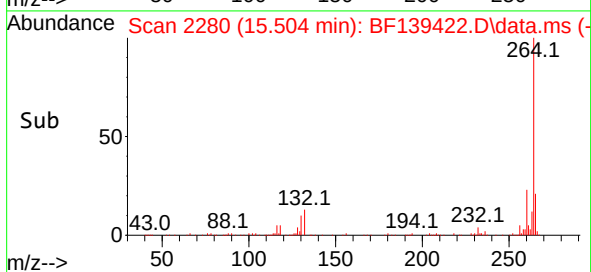
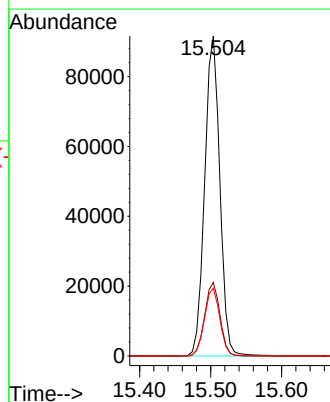
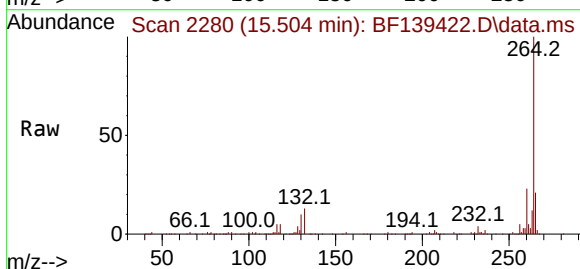
Tgt Ion:264 Resp: 135838

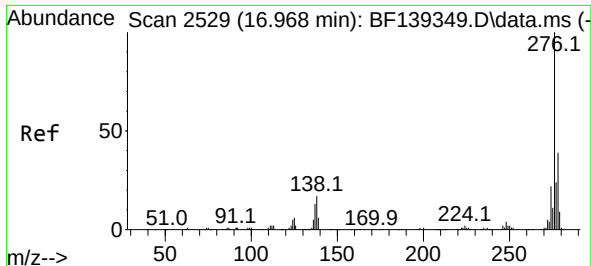
Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.2 16.6 25.0

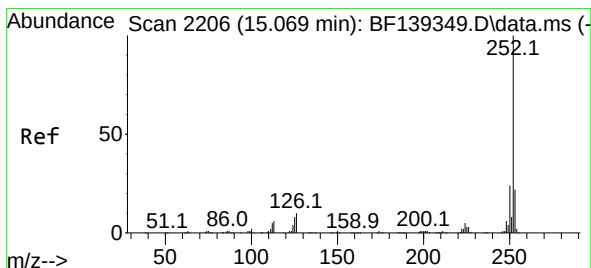
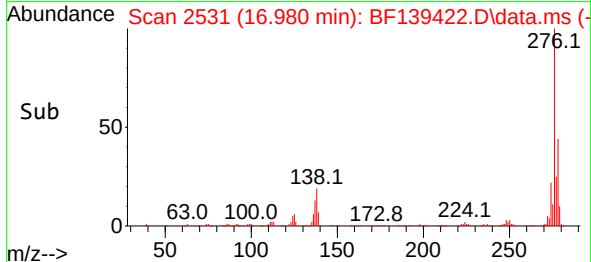
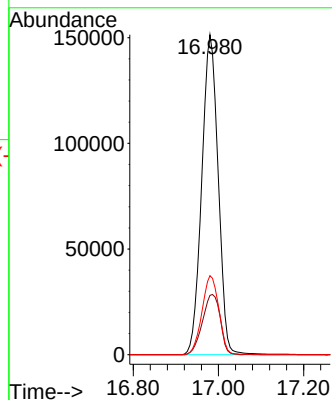
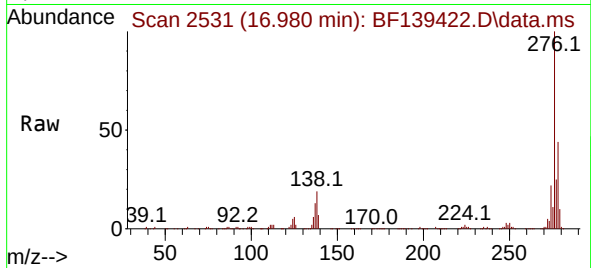




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.170 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

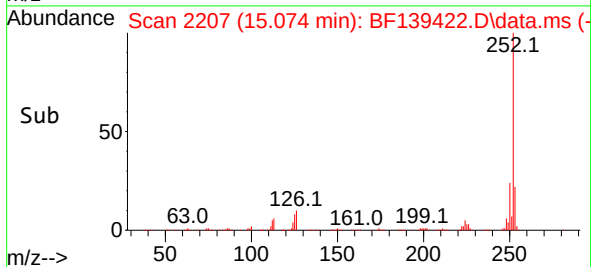
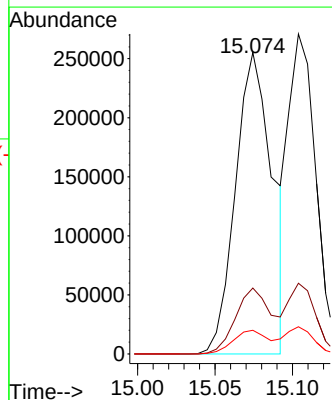
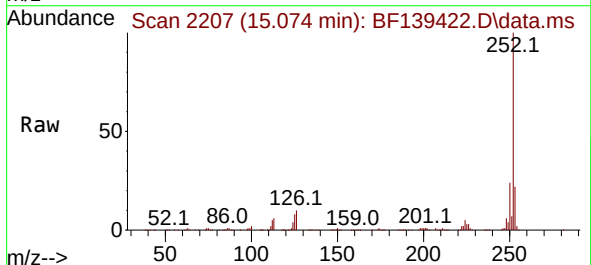
Instrument :
BNA_F
ClientSampleId :
PB163372BS

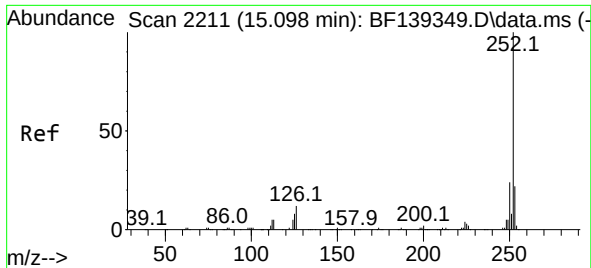
Tgt Ion:276 Resp: 405240
Ion Ratio Lower Upper
276 100
138 20.3 15.4 23.2
277 25.4 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 50.335 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:252 Resp: 421690
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.9 6.2 9.2

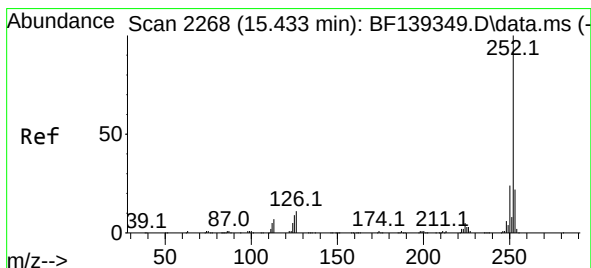
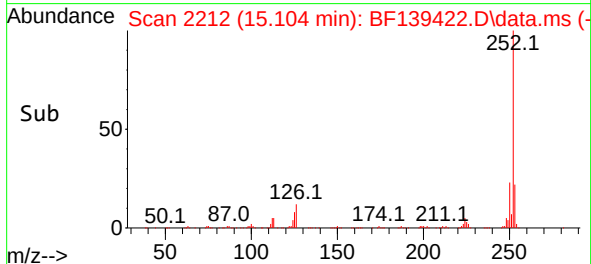
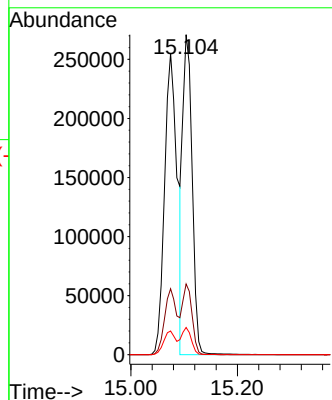
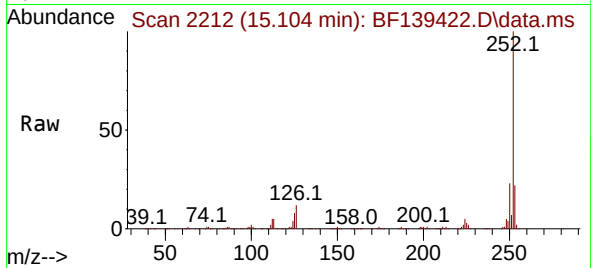




#89
Benzo(k)fluoranthene
Concen: 43.179 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

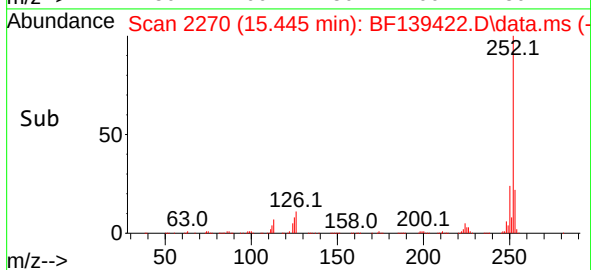
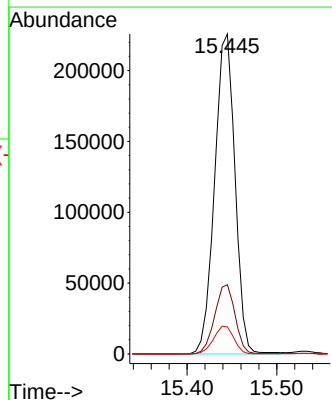
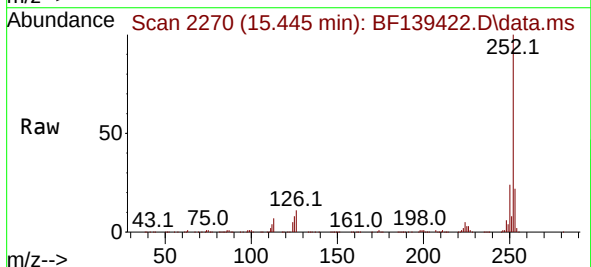
Instrument :
BNA_F
ClientSampleId :
PB163372BS

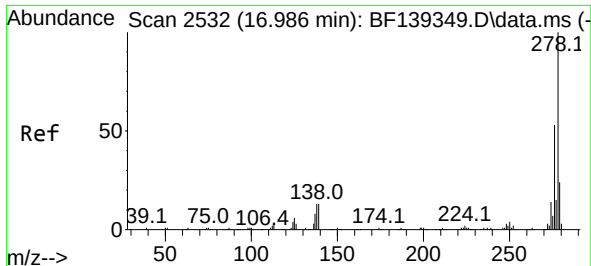
Tgt Ion:252 Resp: 333530
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 8.5 5.9 8.9



#90
Benzo(a)pyrene
Concen: 51.197 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:252 Resp: 355718
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 8.4 6.8 10.2

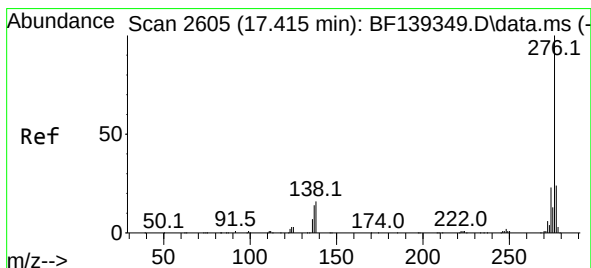
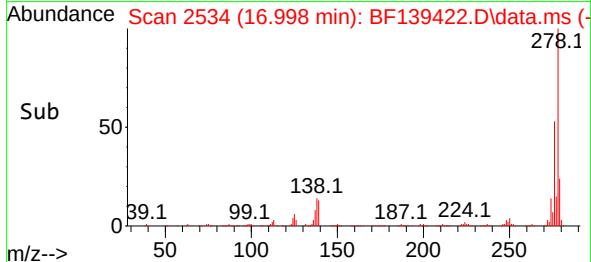
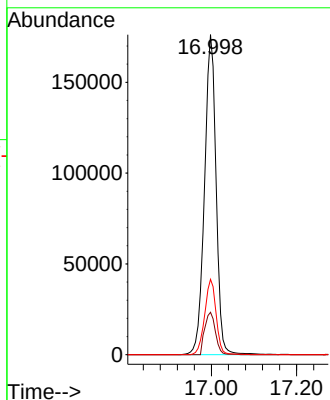
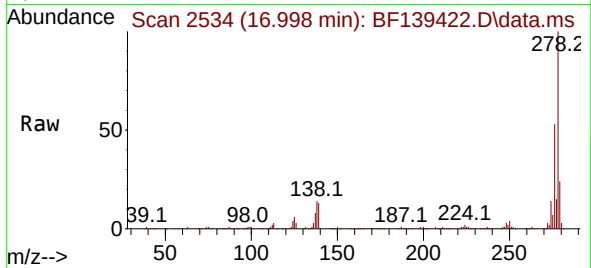




#91
 Dibenzo(a,h)anthracene
 Concen: 49.862 ng
 RT: 16.998 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF139422.D
 Acq: 18 Sep 2024 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB163372BS

Tgt Ion:278 Resp: 332802
 Ion Ratio Lower Upper
 278 100
 139 13.2 10.2 15.2
 279 23.5 18.9 28.3



#92
 Benzo(g,h,i)perylene
 Concen: 45.200 ng
 RT: 17.427 min Scan# 2607
 Delta R.T. 0.012 min
 Lab File: BF139422.D
 Acq: 18 Sep 2024 12:36

Tgt Ion:276 Resp: 298711
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.9 28.3
 138 17.4 13.0 19.6

