

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139397.D
 Acq On : 17 Sep 2024 12:34
 Operator : RC/JU
 Sample : PB163414BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163414BS

Quant Time: Sep 17 13:01:33 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	67726	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	255636	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	143509	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	269967	20.000	ng	0.00
76) Chrysene-d12	14.039	240	148691	20.000	ng	0.00
86) Perylene-d12	15.504	264	116282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	534614	128.775	ng	0.02
7) Phenol-d6	6.516	99	700348	128.524	ng	0.01
23) Nitrobenzene-d5	7.445	82	484585	89.115	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	211337	138.325	ng	0.01
45) 2-Fluorobiphenyl	9.239	172	911997	89.130	ng	0.00
79) Terphenyl-d14	12.986	244	1006463	111.103	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	56928	34.179	ng	99
3) Pyridine	3.504	79	150704	41.038	ng	97
4) n-Nitrosodimethylamine	3.463	42	136262	42.810	ng	98
6) Aniline	6.540	93	198908	48.369	ng	# 61
8) 2-Chlorophenol	6.663	128	202445	47.372	ng	99
9) Benzaldehyde	6.428	77	42311	13.439	ng	99
10) Phenol	6.528	94	261571	47.131	ng	89
11) bis(2-Chloroethyl)ether	6.616	93	189142	44.839	ng	100
12) 1,3-Dichlorobenzene	6.822	146	213027	43.832	ng	99
13) 1,4-Dichlorobenzene	6.898	146	217319	44.248	ng	100
14) 1,2-Dichlorobenzene	7.045	146	207616	44.737	ng	99
15) Benzyl Alcohol	7.022	79	209008	48.076	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	338138	52.014	ng	95
17) 2-Methylphenol	7.134	107	161568	47.585	ng	99
18) Hexachloroethane	7.392	117	84432	45.135	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	161792	50.104	ng	98
20) 3+4-Methylphenols	7.287	107	218057	47.073	ng	93
22) Acetophenone	7.292	105	297939	44.581	ng	99
24) Nitrobenzene	7.463	77	245497	43.865	ng	100
25) Isophorone	7.704	82	419868	48.823	ng	100
26) 2-Nitrophenol	7.781	139	105684	48.470	ng	98
27) 2,4-Dimethylphenol	7.816	122	165341	57.487	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	235874	48.125	ng	98
29) 2,4-Dichlorophenol	8.022	162	172087	47.098	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	185880	43.662	ng	99
31) Naphthalene	8.186	128	609649	45.681	ng	100
32) Benzoic acid	7.939	122	121692	45.212	ng	97
33) 4-Chloroaniline	8.228	127	100592	24.638	ng	97
34) Hexachlorobutadiene	8.298	225	126371	43.691	ng	98
35) Caprolactam	8.604	113	33364	29.684	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	196396	47.032	ng	98
37) 2-Methylnaphthalene	8.875	142	399694	47.184	ng	100
38) 1-Methylnaphthalene	8.975	142	370515	44.552	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	195268	45.911	ng	98
41) Hexachlorocyclopentadiene	9.028	237	268606	180.877	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	133343	48.189	ng	99

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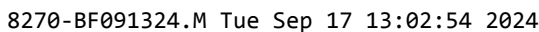
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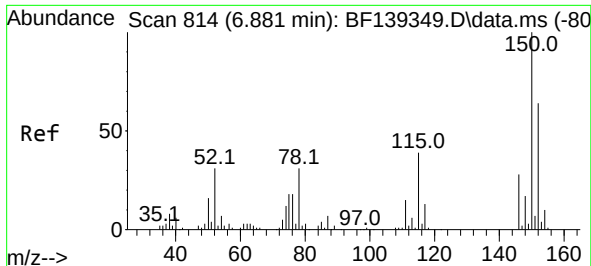
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	136190	46.659	ng	98
46) 1,1'-Biphenyl	9.339	154	498693	45.169	ng	100
47) 2-Chloronaphthalene	9.363	162	371538	45.008	ng	99
48) 2-Nitroaniline	9.457	65	141844	46.197	ng	97
49) Acenaphthylene	9.780	152	611893	49.242	ng	100
50) Dimethylphthalate	9.639	163	455242	48.332	ng	100
51) 2,6-Dinitrotoluene	9.704	165	97170	46.568	ng	96
52) Acenaphthene	9.951	154	462073	53.280	ng	100
53) 3-Nitroaniline	9.869	138	65897	31.600	ng	95
54) 2,4-Dinitrophenol	9.980	184	124916	107.435	ng	93
55) Dibenzofuran	10.122	168	564147	46.670	ng	99
56) 4-Nitrophenol	10.033	139	165793	96.083	ng	92
57) 2,4-Dinitrotoluene	10.104	165	137851	48.934	ng	99
58) Fluorene	10.463	166	458215	46.459	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	120910	50.076	ng	98
60) Diethylphthalate	10.339	149	476279	48.999	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	220783	46.062	ng	98
62) 4-Nitroaniline	10.486	138	97665	42.912	ng	98
63) Azobenzene	10.616	77	459164	48.028	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	76117	53.421	ng	94
66) n-Nitrosodiphenylamine	10.575	169	387624	49.110	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	131248	49.059	ng	99
68) Hexachlorobenzene	11.010	284	148694	47.358	ng	99
69) Atrazine	11.104	200	130942	69.685	ng	98
70) Pentachlorophenol	11.204	266	188578	100.094	ng	97
71) Phenanthrene	11.427	178	639112	49.069	ng	100
72) Anthracene	11.480	178	647165	50.819	ng	99
73) Carbazole	11.633	167	591370	48.520	ng	99
74) Di-n-butylphthalate	11.957	149	729948	53.762	ng	100
75) Fluoranthene	12.610	202	686722	49.371	ng	98
77) Benzidine	12.733	184	165286	77.588	ng	99
78) Pyrene	12.839	202	703072	55.069	ng	100
80) Butylbenzylphthalate	13.457	149	265682	61.137	ng	98
81) Benzo(a)anthracene	14.027	228	495776	50.336	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	88273	30.604	ng	99
83) Chrysene	14.063	228	436691	48.193	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	336757	60.916	ng	100
85) Di-n-octyl phthalate	14.627	149	439958	54.039	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	377660	54.619	ng	100
88) Benzo(b)fluoranthene	15.074	252	330703	46.113	ng	100
89) Benzo(k)fluoranthene	15.104	252	335108	50.679	ng	99
90) Benzo(a)pyrene	15.439	252	313256	52.668	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	306515	53.647	ng	99
92) Benzo(g,h,i)perylene	17.427	276	283693	50.147	ng	99

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

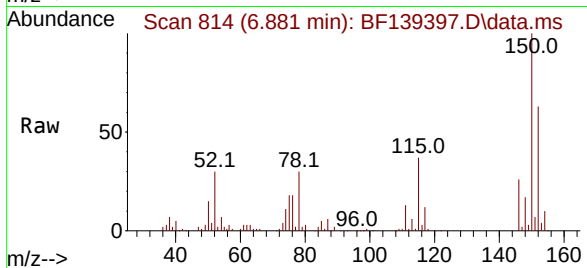
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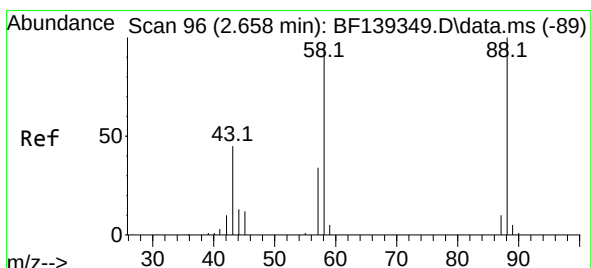
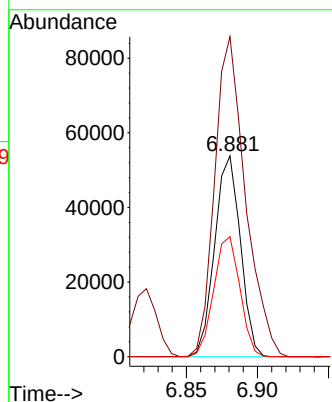
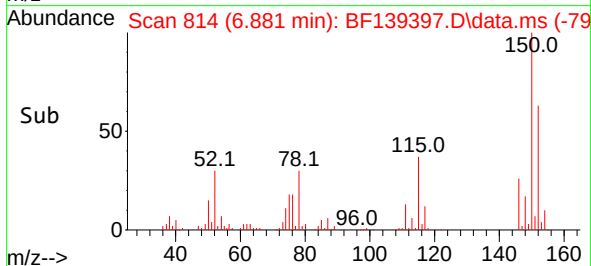


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139397.D
 Acq: 17 Sep 2024 12:34

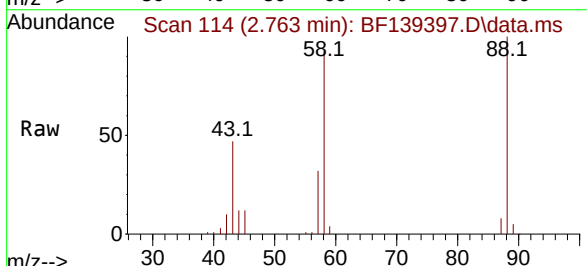
Instrument :
 BNA_F
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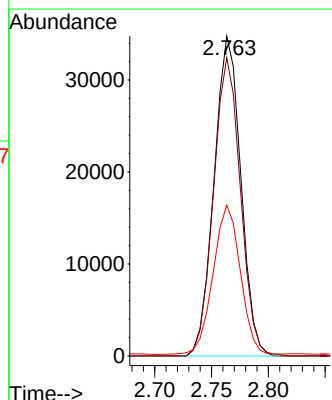
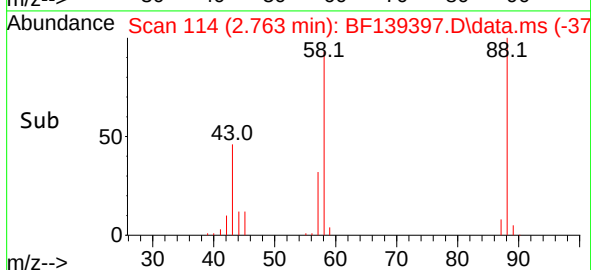
Tgt Ion:152 Resp: 67726
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.1 186.1
 115 59.7 48.1 72.1

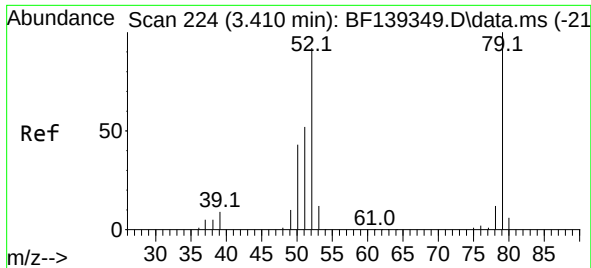


#2
 1,4-Dioxane
 Concen: 34.179 ng
 RT: 2.763 min Scan# 114
 Delta R.T. 0.106 min
 Lab File: BF139397.D
 Acq: 17 Sep 2024 12:34



Tgt Ion: 88 Resp: 56928
 Ion Ratio Lower Upper
 88 100
 58 93.8 74.8 112.2
 43 47.3 36.4 54.6





#3

Pyridine

Concen: 41.038 ng

RT: 3.504 min Scan# 24

Delta R.T. 0.094 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

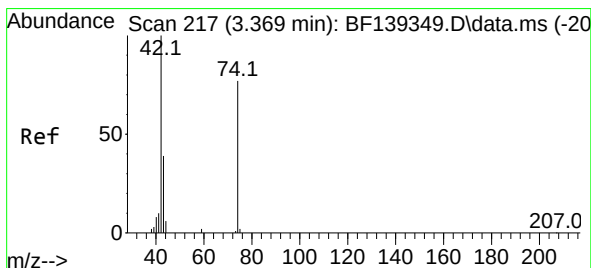
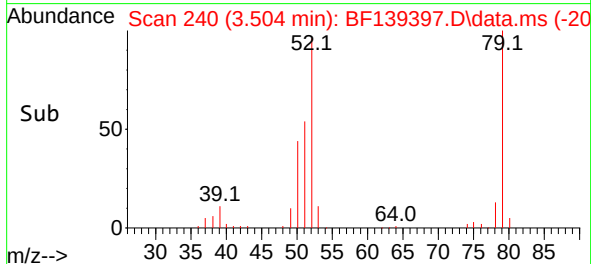
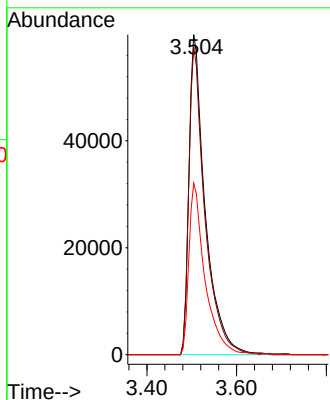
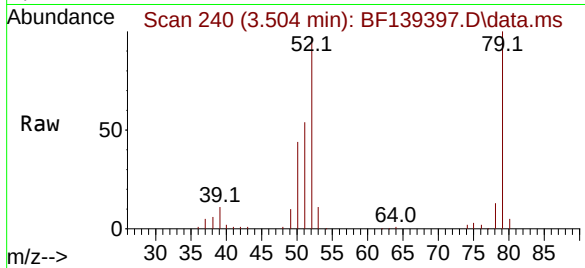
Tgt Ion: 79 Resp: 150704

Ion Ratio Lower Upper

79 100

52 96.4 73.8 110.8

51 53.6 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 42.810 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.094 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

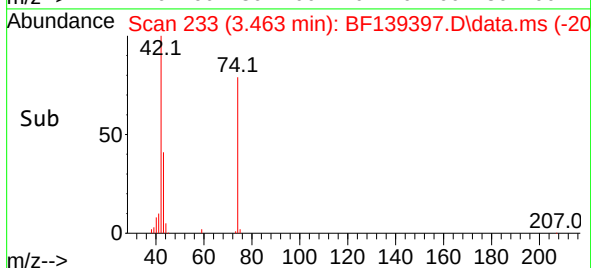
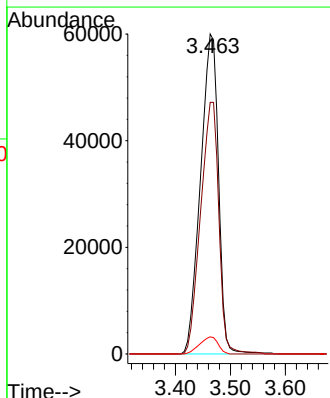
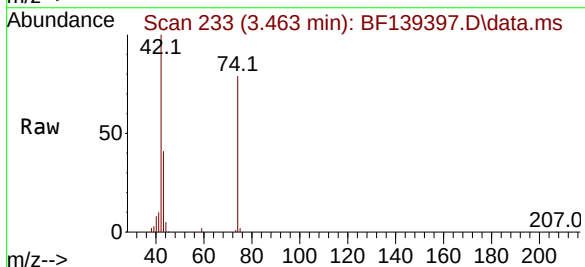
Tgt Ion: 42 Resp: 136262

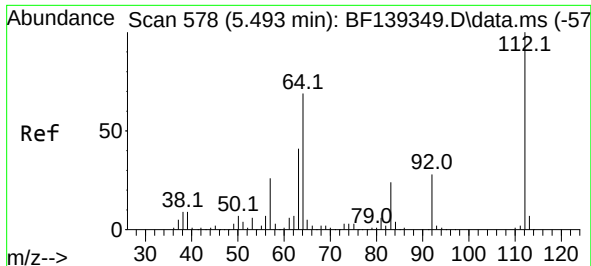
Ion Ratio Lower Upper

42 100

74 78.7 61.8 92.8

44 5.4 4.8 7.2

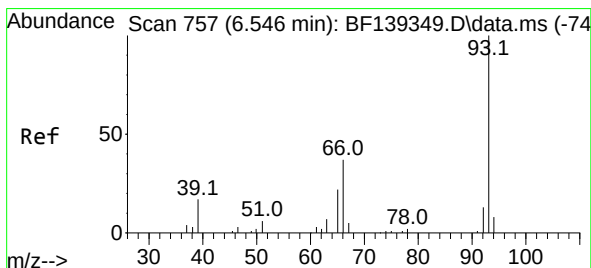
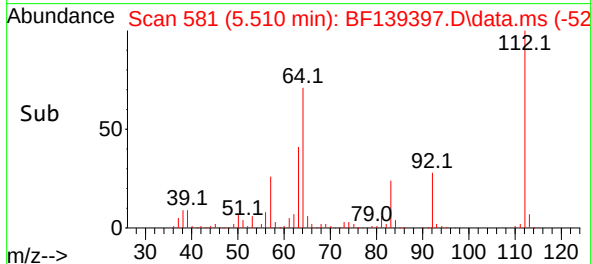
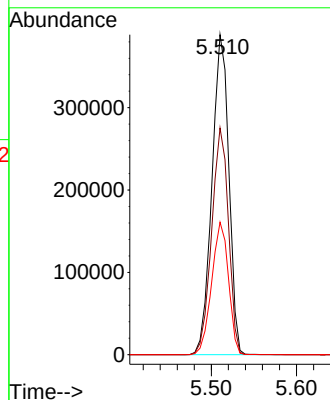
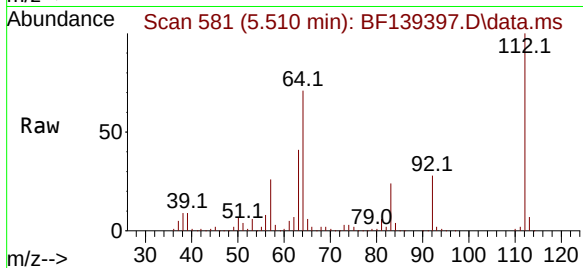




#5
2-Fluorophenol
Concen: 128.775 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

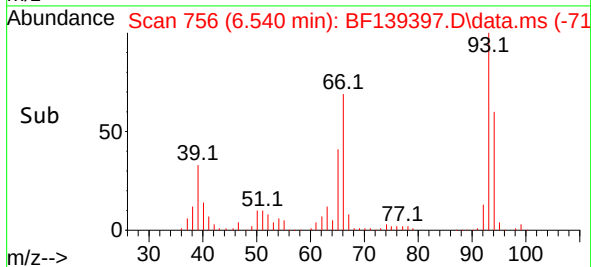
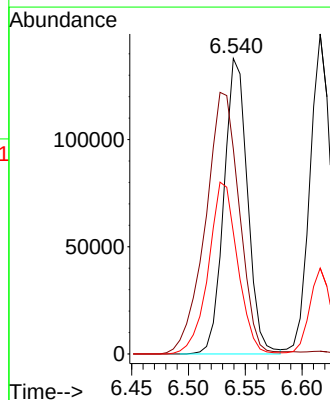
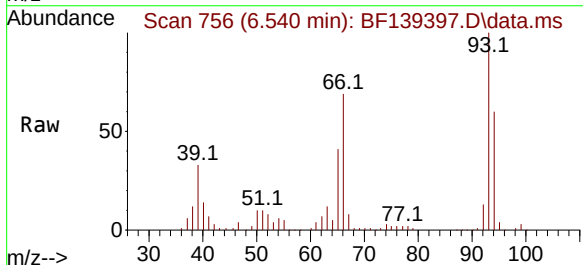
Instrument :
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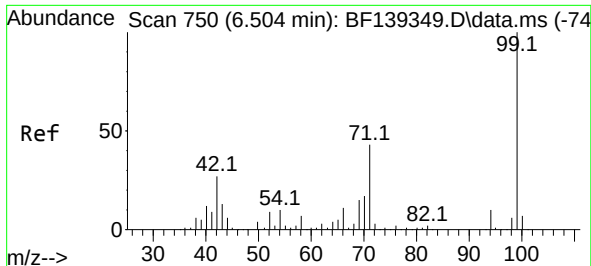
Tgt Ion:112 Resp: 534614
Ion Ratio Lower Upper
112 100
64 70.9 54.8 82.2
63 41.4 33.0 49.4



#6
Aniline
Concen: 48.369 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion: 93 Resp: 198908
Ion Ratio Lower Upper
93 100
66 69.4 35.4 53.0#
65 41.2 18.2 27.4#

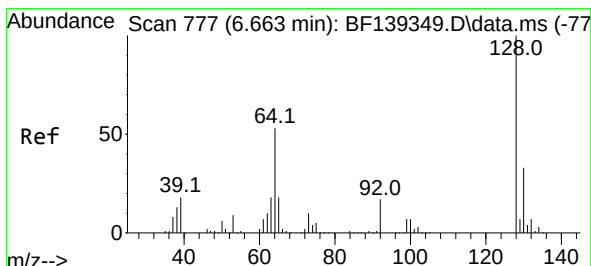
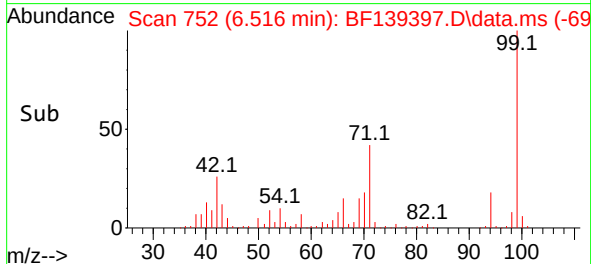
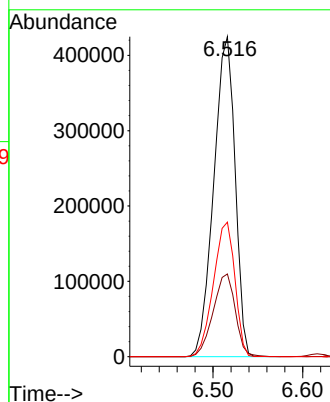
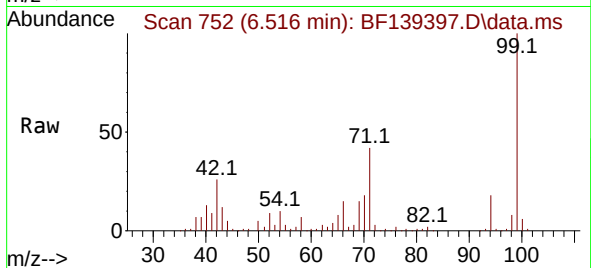




#7
Phenol-d6
Concen: 128.524 ng
RT: 6.516 min Scan# 750
Delta R.T. 0.012 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

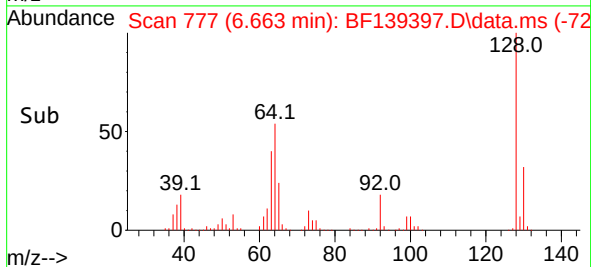
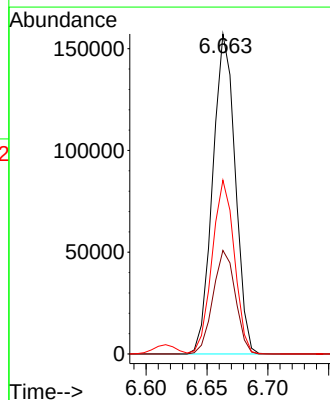
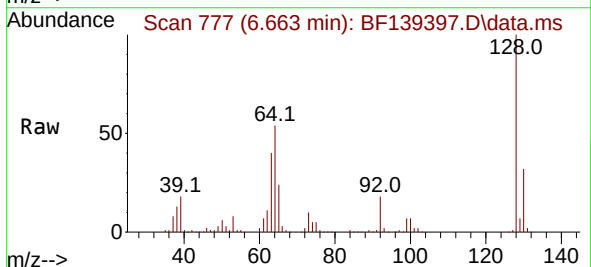
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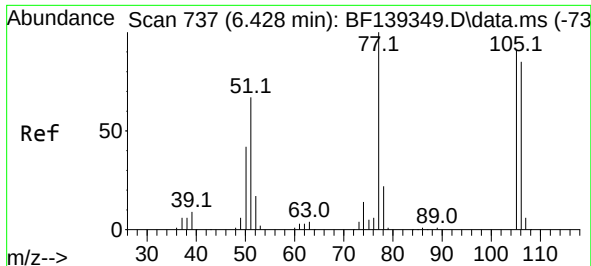
Tgt Ion: 99 Resp: 700348
Ion Ratio Lower Upper
99 100
42 25.9 21.9 32.9
71 42.1 34.6 52.0



#8
2-Chlorophenol
Concen: 47.372 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:128 Resp: 202445
Ion Ratio Lower Upper
128 100
130 32.4 12.8 52.8
64 54.3 35.1 75.1





#9

Benzaldehyde

Concen: 13.439 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

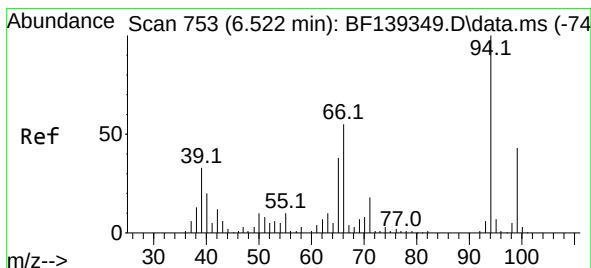
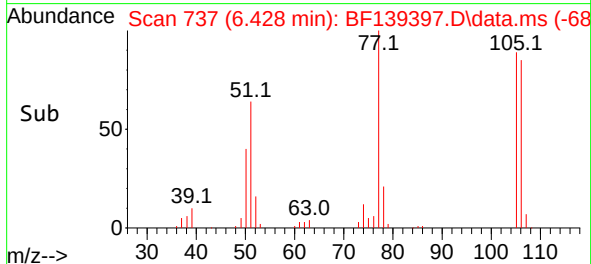
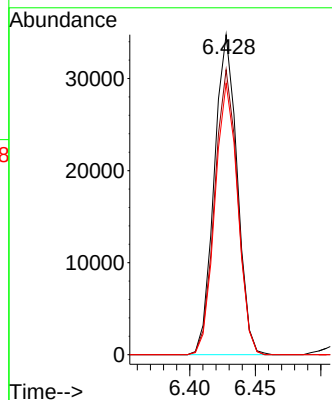
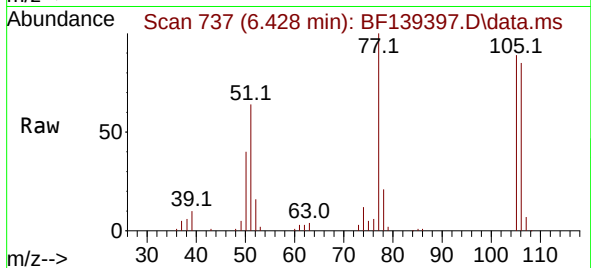
Tgt Ion: 77 Resp: 42311

Ion Ratio Lower Upper

77 100

105 89.1 71.0 111.0

106 84.8 64.9 104.9



#10

Phenol

Concen: 47.131 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

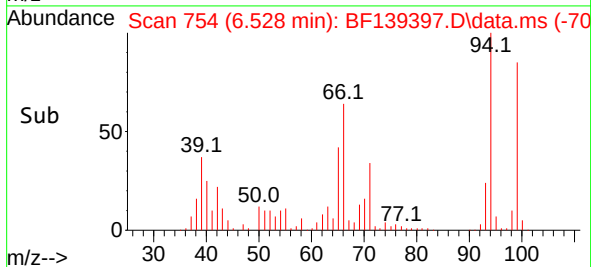
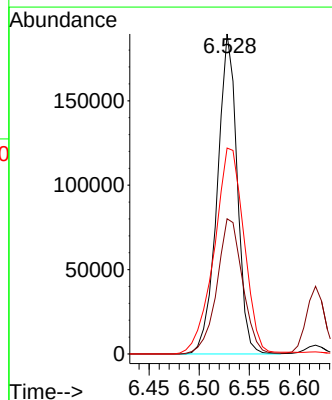
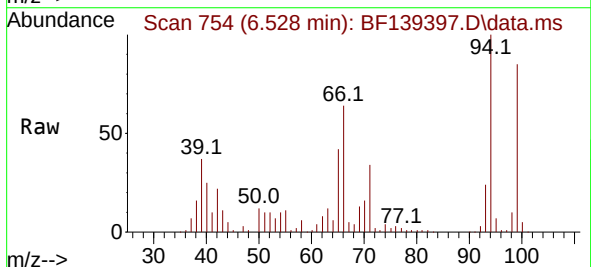
Tgt Ion: 94 Resp: 261571

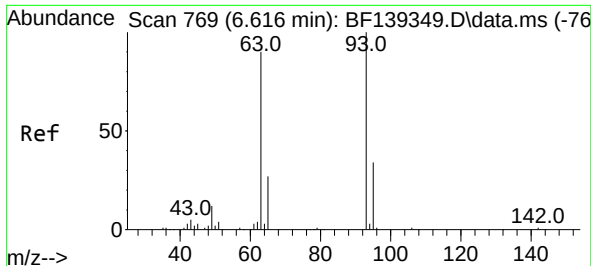
Ion Ratio Lower Upper

94 100

65 42.3 17.6 57.6

66 64.4 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 44.839 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

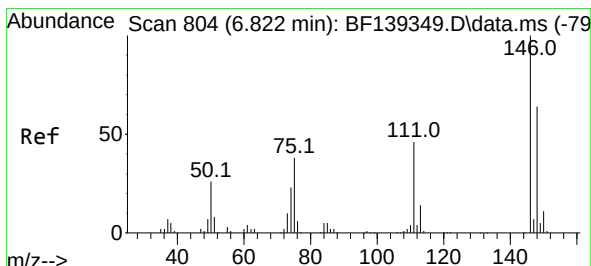
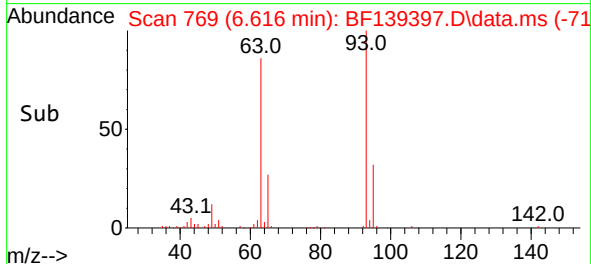
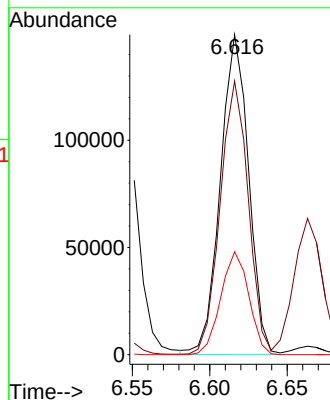
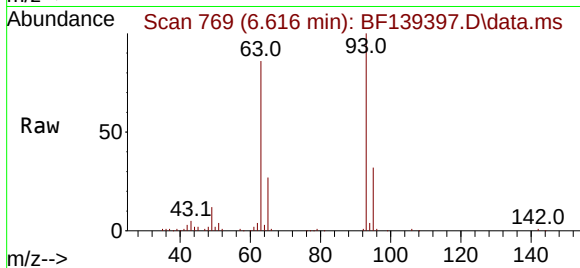
Tgt Ion: 93 Resp: 189142

Ion Ratio Lower Upper

93 100

63 85.5 65.3 105.3

95 32.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.832 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

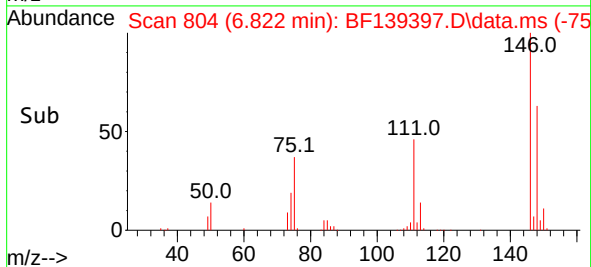
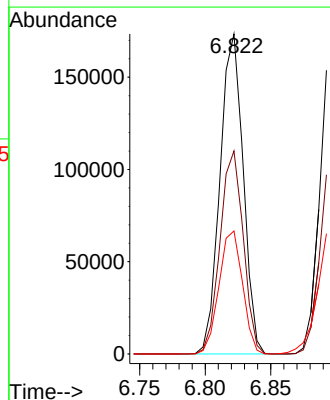
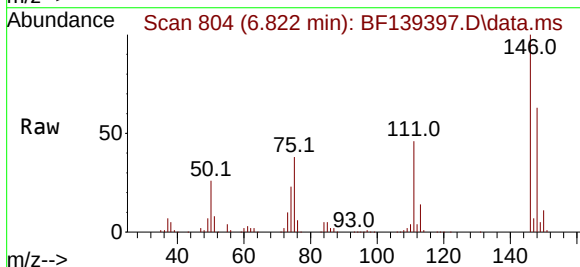
Tgt Ion: 146 Resp: 213027

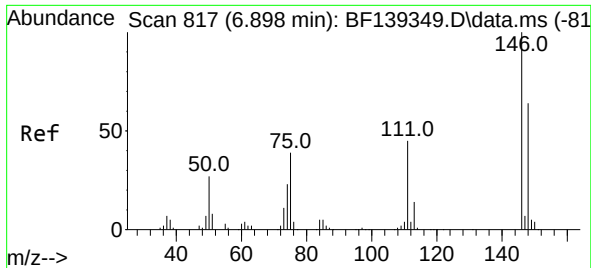
Ion Ratio Lower Upper

146 100

148 63.4 51.2 76.8

75 38.4 30.6 46.0

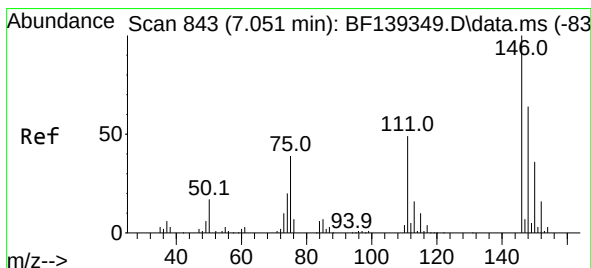
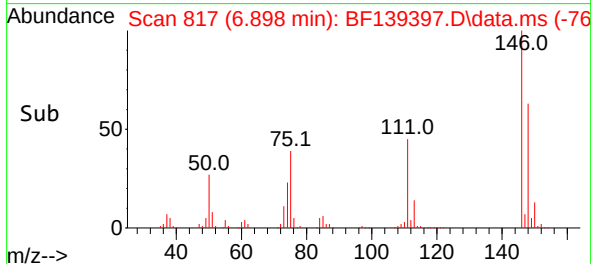
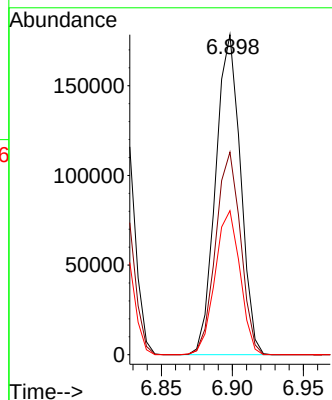
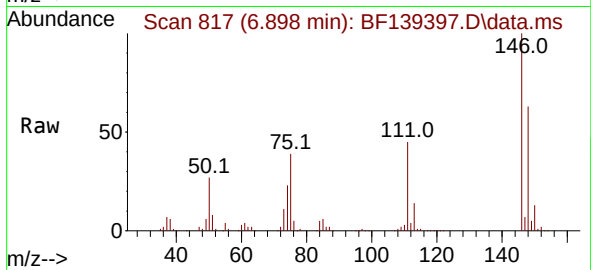




#13
1,4-Dichlorobenzene
Concen: 44.248 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

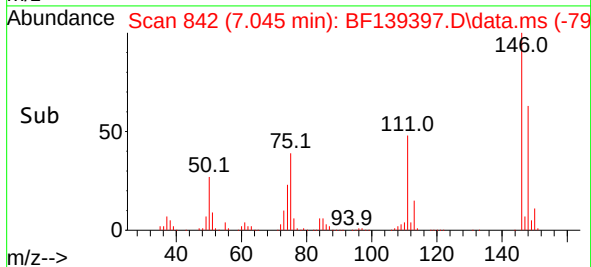
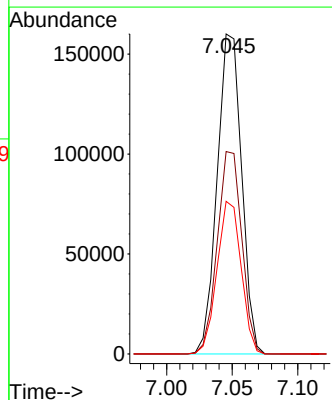
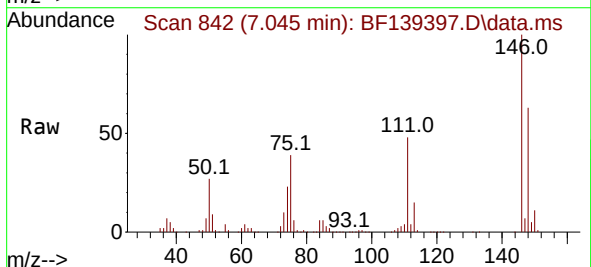
Instrument :
BNA_F
ClientSampleId :
PB163414BS

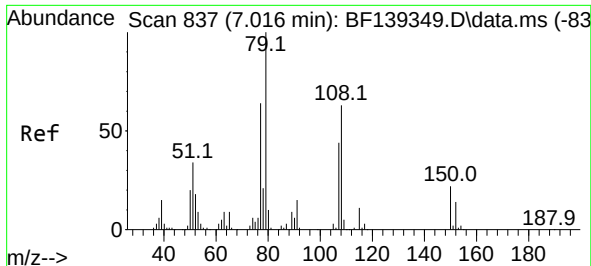
Tgt Ion:146 Resp: 217319
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
111 45.0 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 44.737 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:146 Resp: 207616
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
111 47.7 38.9 58.3

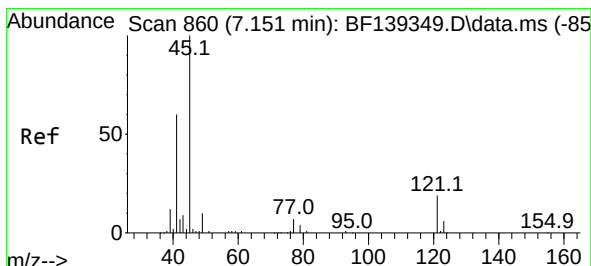
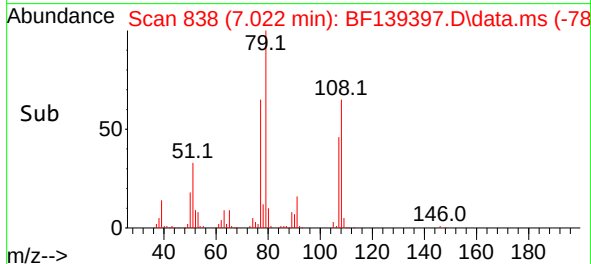
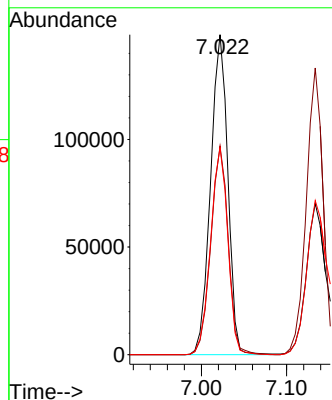
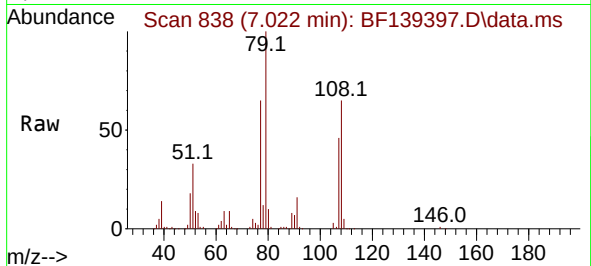




#15
Benzyl Alcohol
Concen: 48.076 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

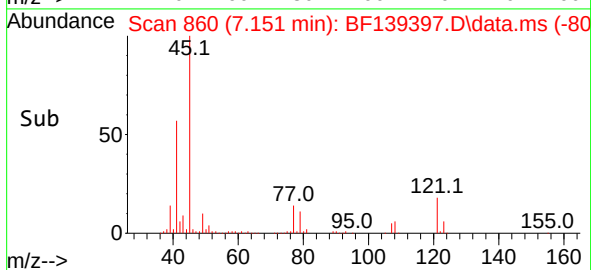
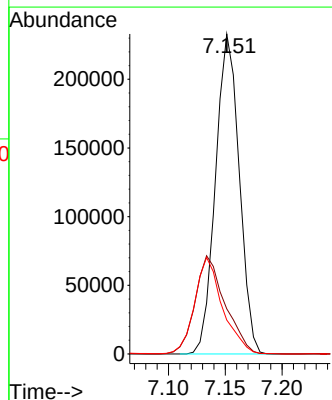
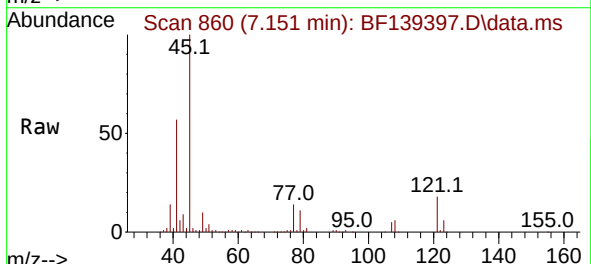
Instrument :
BNA_F
ClientSampleId :
PB163414BS

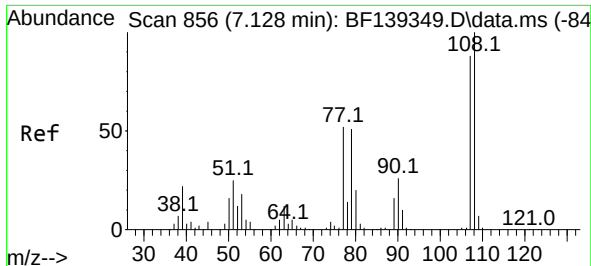
Tgt Ion: 79 Resp: 209008
Ion Ratio Lower Upper
79 100
108 65.2 50.4 75.6
77 64.8 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.014 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion: 45 Resp: 338138
Ion Ratio Lower Upper
45 100
77 14.1 0.0 32.0
79 10.6 0.0 29.1

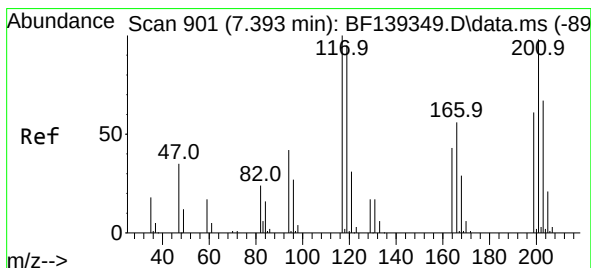
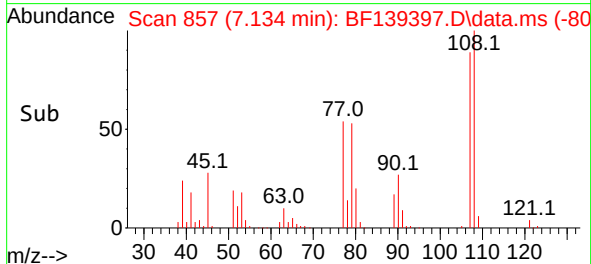
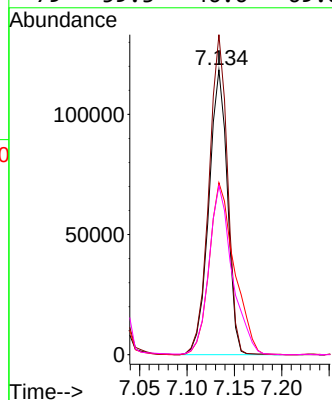
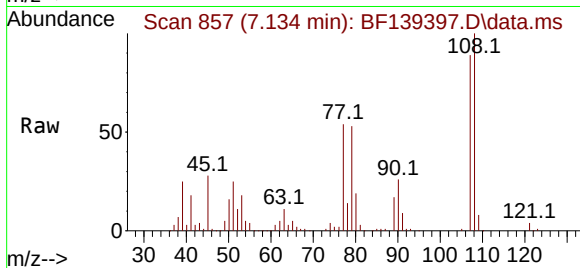




#17
2-Methylphenol
Concen: 47.585 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

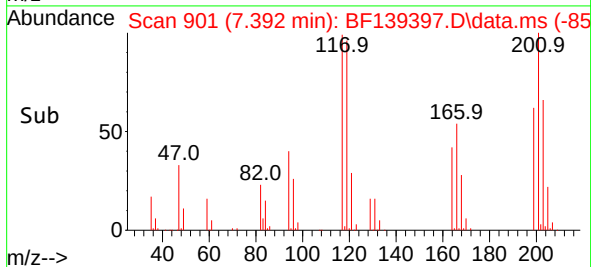
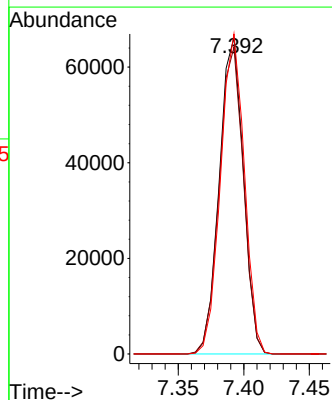
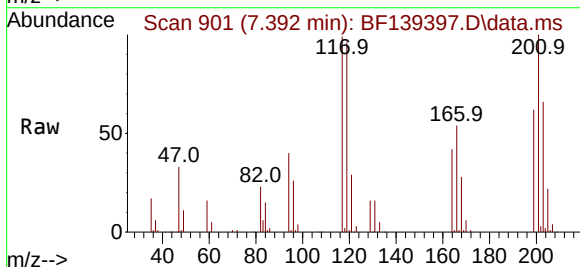
Instrument :
BNA_F
ClientSampleId :
PB163414BS

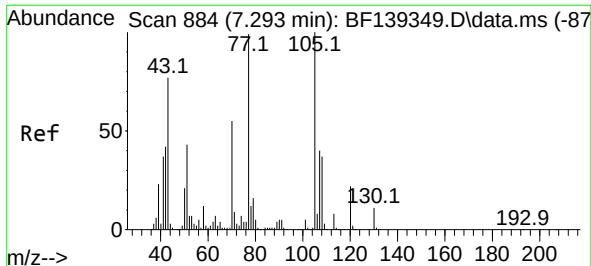
Tgt Ion:	107	Resp:	161568
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.5	135.7
77	60.4	47.1	70.7
79	59.3	46.6	69.8



#18
Hexachloroethane
Concen: 45.135 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:	117	Resp:	84432
Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.8	113.8
201	101.2	78.6	118.0

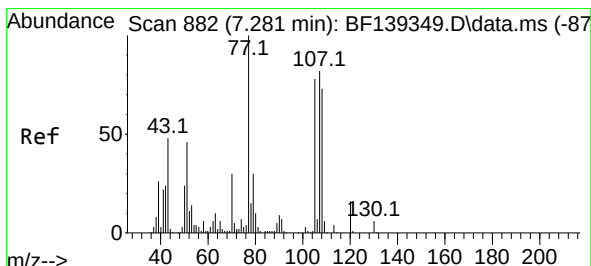
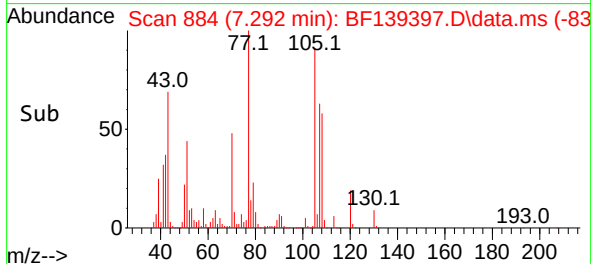
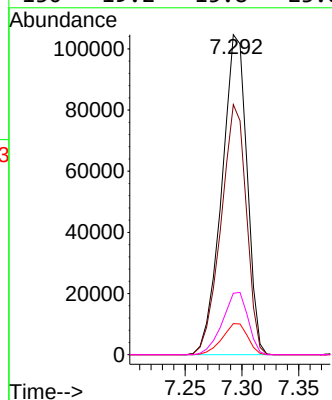
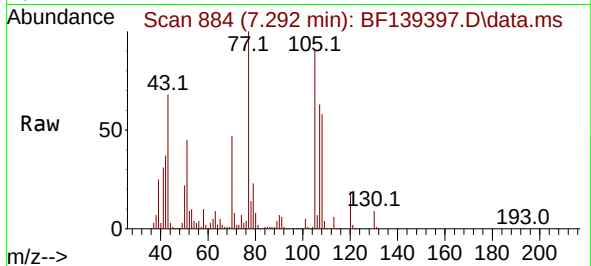




#19
n-Nitroso-di-n-propylamine
Concen: 50.104 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

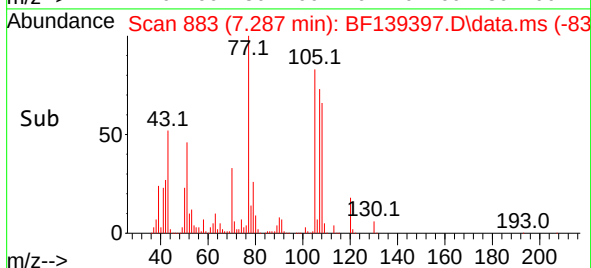
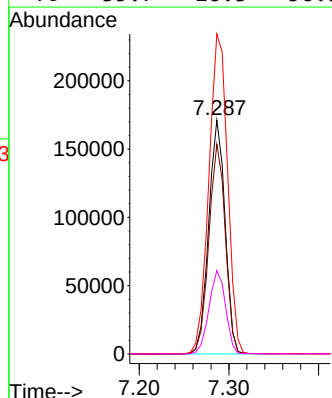
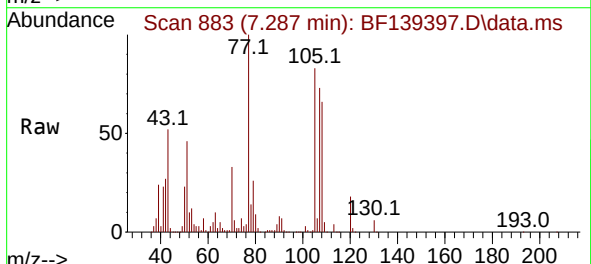
Instrument :
BNA_F
ClientSampleId :
PB163414BS

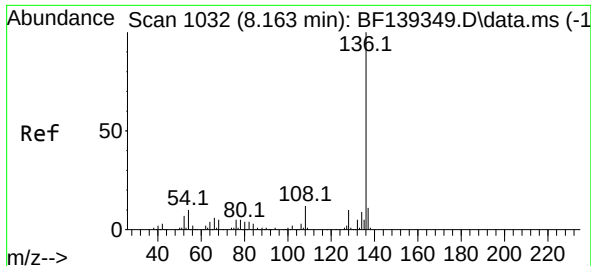
Tgt Ion:	70	Resp:	161792
Ion	Ratio	Lower	Upper
70	100		
42	78.1	61.2	91.8
101	9.7	7.5	11.3
130	19.2	15.8	23.8



#20
3+4-Methylphenols
Concen: 47.073 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:	107	Resp:	218057
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.6	108.6
77	136.9	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: BF139397.D
Acq: 17 Sep 2024 12:34

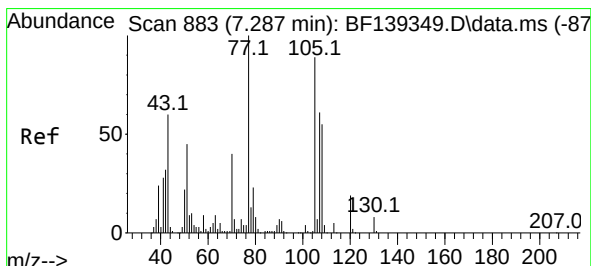
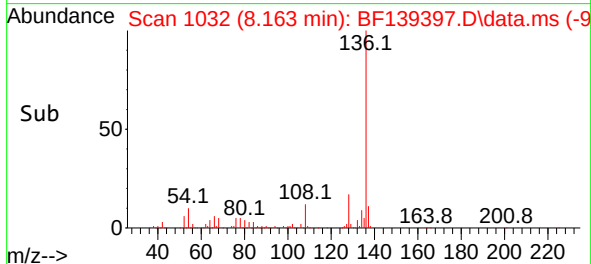
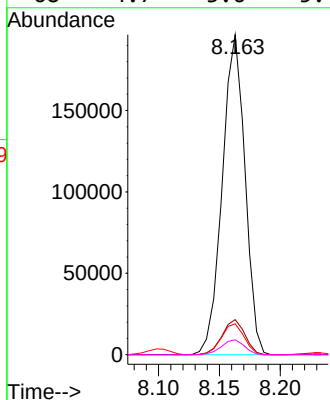
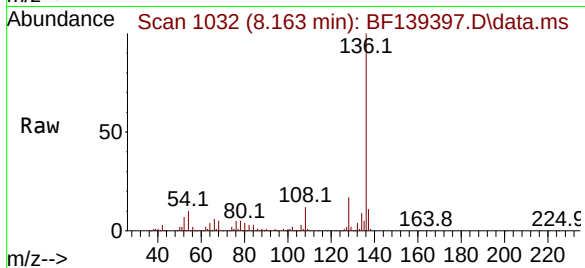
Instrument :

BNA_F

ClientSampleId :

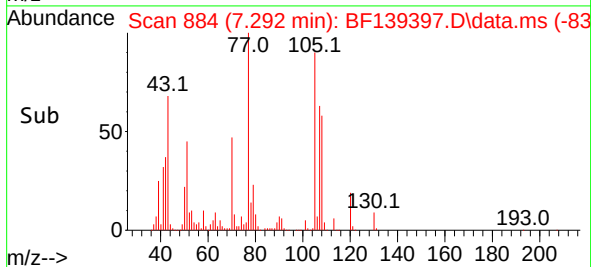
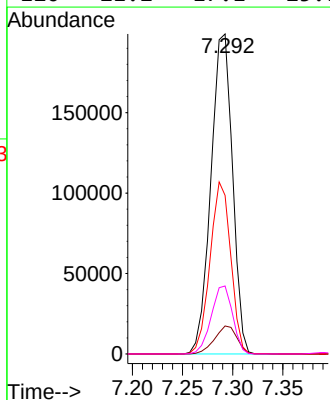
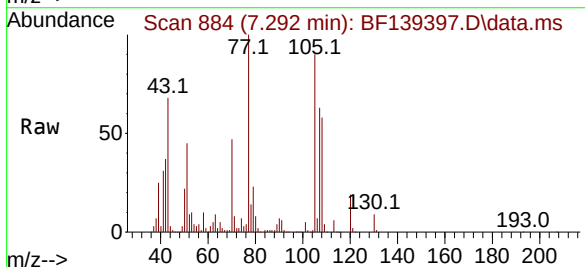
PB163414BS

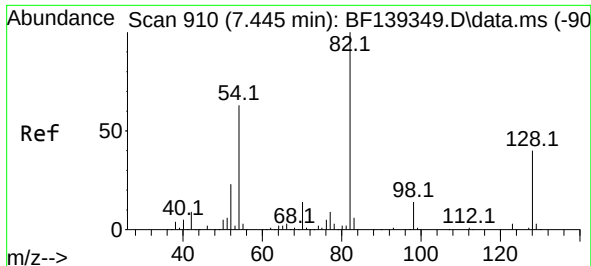
Tgt Ion:136 Resp: 255636
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.6 7.8 11.8
68 4.7 3.6 5.4



#22
Acetophenone
Concen: 44.581 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:105 Resp: 297939
Ion Ratio Lower Upper
105 100
71 8.8 5.9 8.9
51 49.5 40.0 60.0
120 21.2 17.1 25.7





#23

Nitrobenzene-d5

Concen: 89.115 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

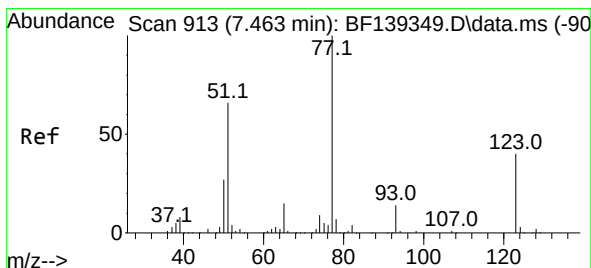
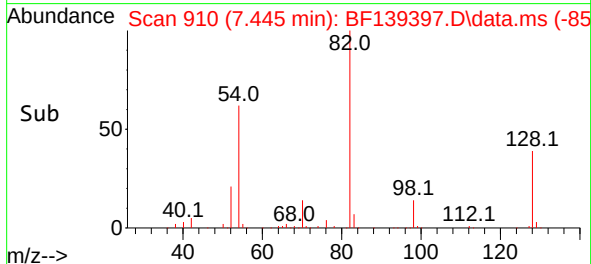
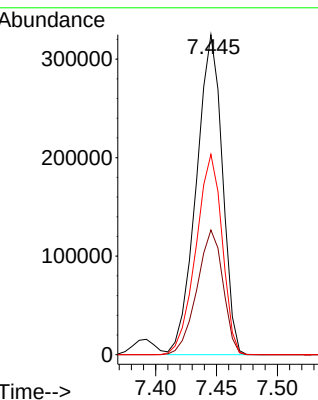
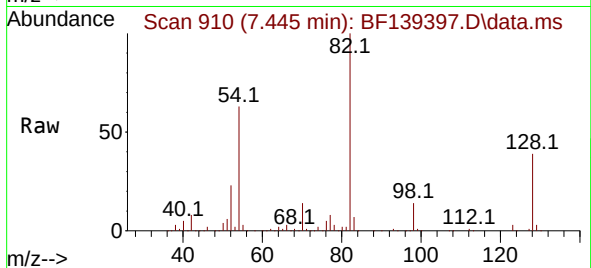
Tgt Ion: 82 Resp: 484585

Ion Ratio Lower Upper

82 100

128 39.0 31.8 47.6

54 62.6 50.6 75.8



#24

Nitrobenzene

Concen: 43.865 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

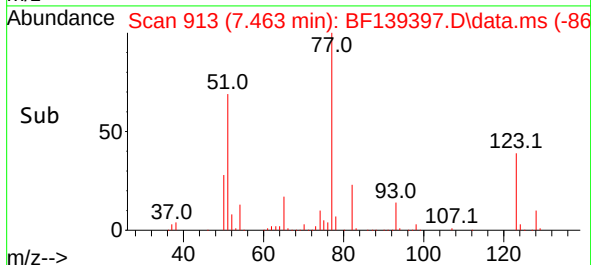
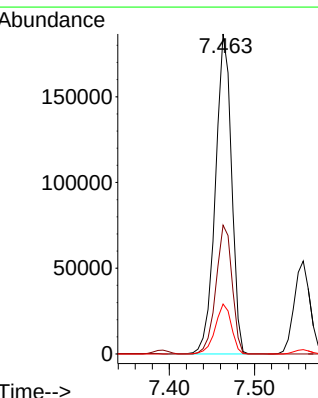
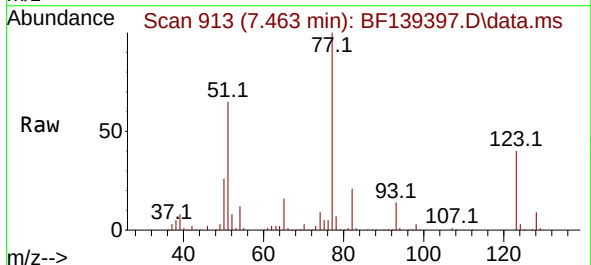
Tgt Ion: 77 Resp: 245497

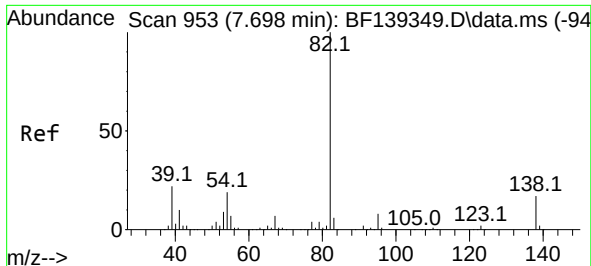
Ion Ratio Lower Upper

77 100

123 40.3 32.2 48.4

65 15.6 12.2 18.4

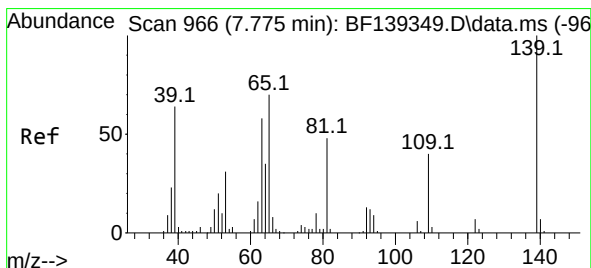
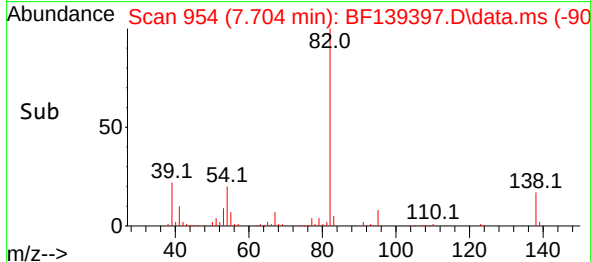
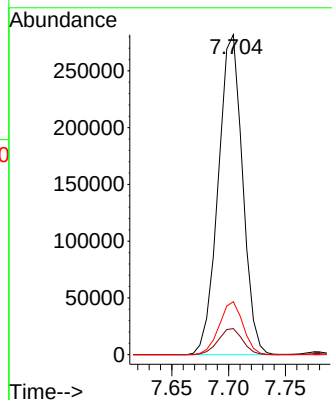
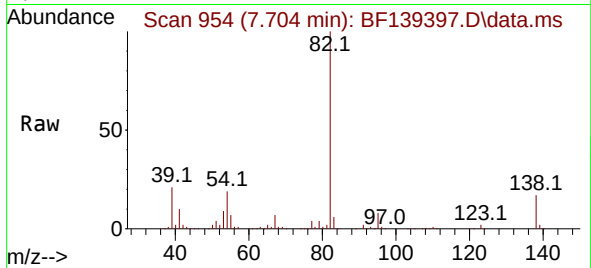




#25
Isophorone
Concen: 48.823 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

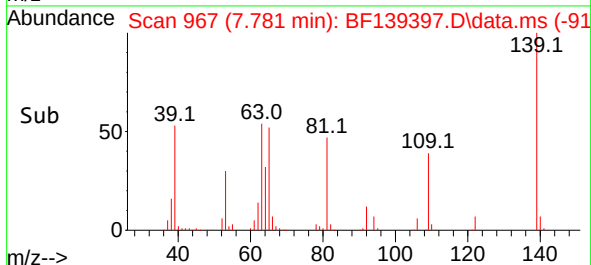
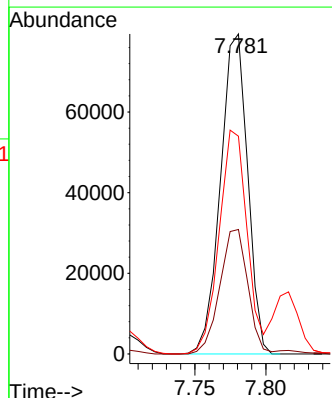
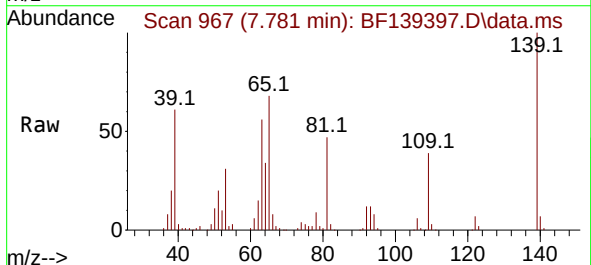
Instrument :
BNA_F
ClientSampleId :
PB163414BS

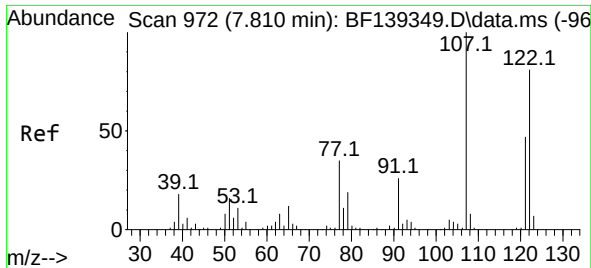
Tgt Ion: 82 Resp: 419868
Ion Ratio Lower Upper
82 100
95 8.1 6.7 10.1
138 16.6 13.3 19.9



#26
2-Nitrophenol
Concen: 48.470 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:139 Resp: 105684
Ion Ratio Lower Upper
139 100
109 38.9 32.2 48.2
65 68.0 55.8 83.8

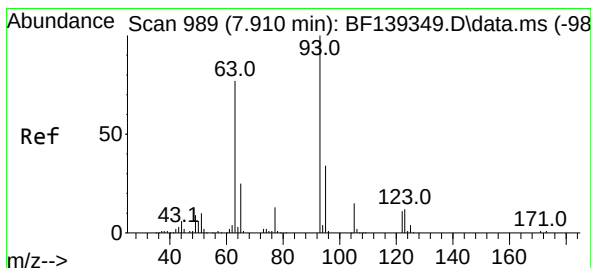
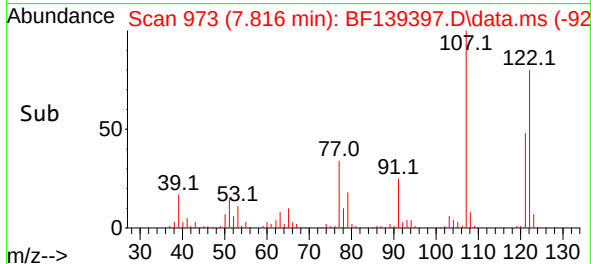
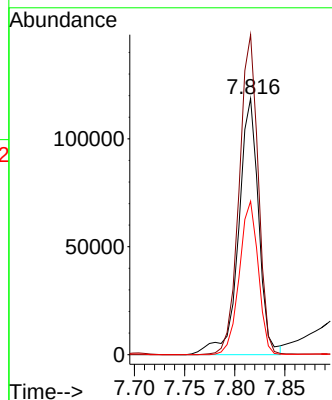
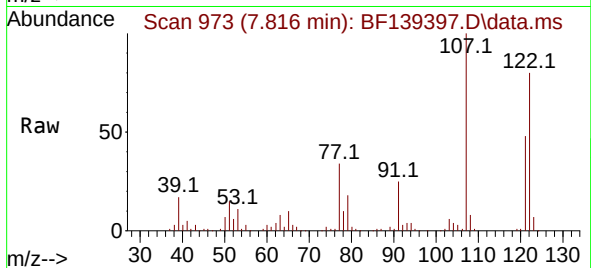




#27
2,4-Dimethylphenol
Concen: 57.487 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

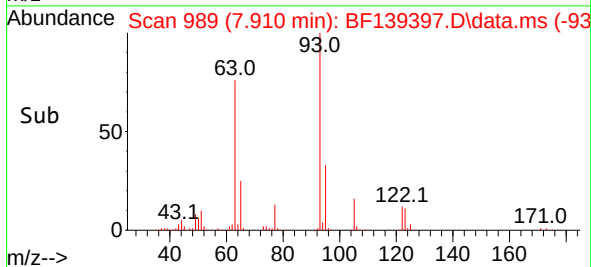
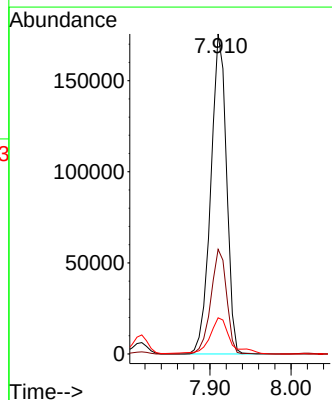
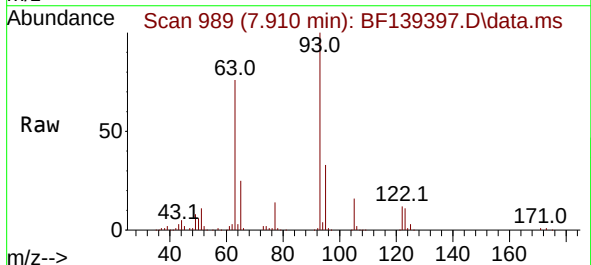
Instrument :
BNA_F
ClientSampleId :
PB163414BS

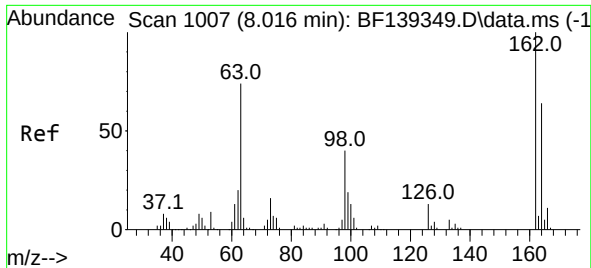
Tgt Ion:122 Resp: 165341
Ion Ratio Lower Upper
122 100
107 124.9 99.1 148.7
121 59.9 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.125 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion: 93 Resp: 235874
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: 47.098 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

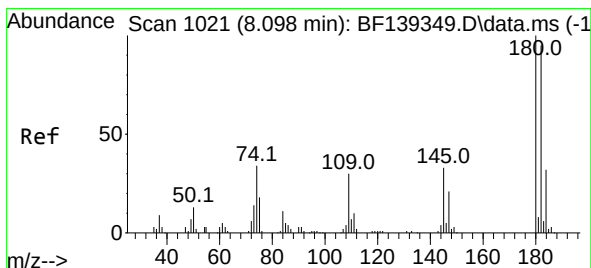
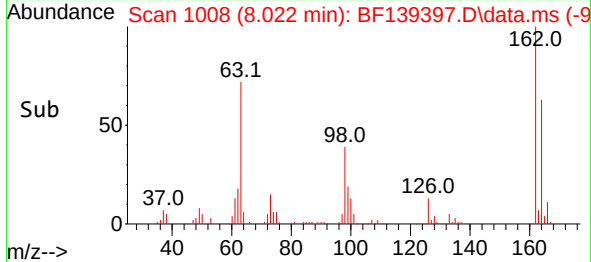
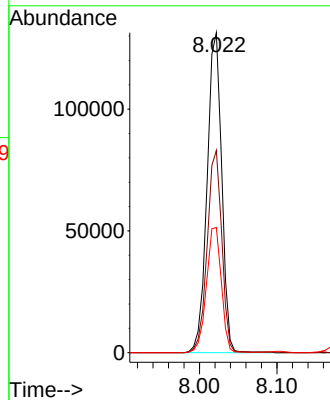
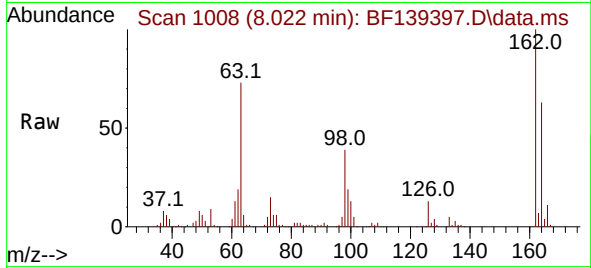
Tgt Ion:162 Resp: 172087

Ion Ratio Lower Upper

162 100

164 63.2 43.6 83.6

98 39.1 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 43.662 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

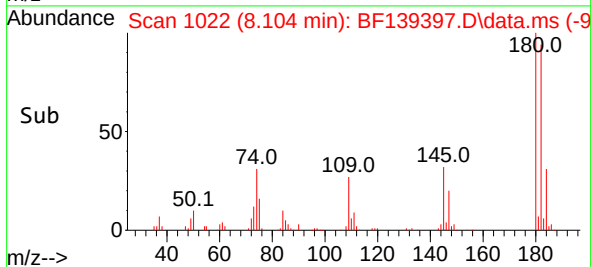
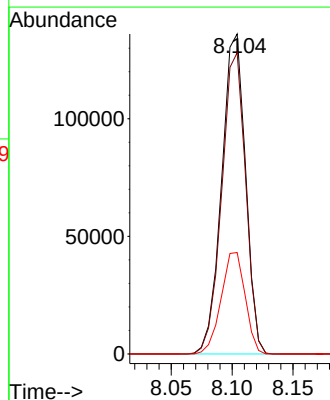
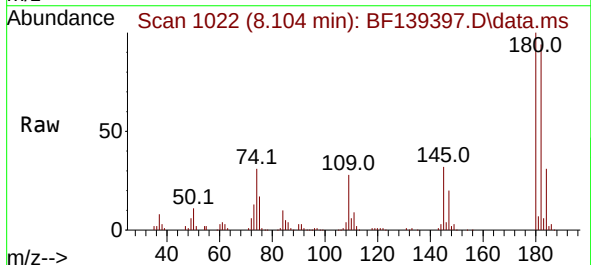
Tgt Ion:180 Resp: 185880

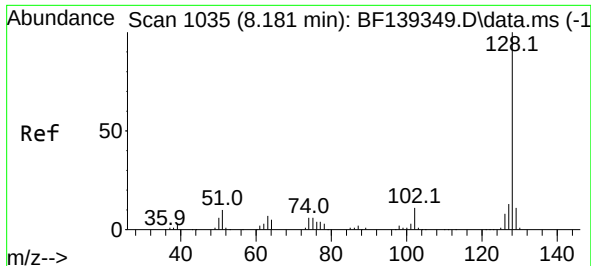
Ion Ratio Lower Upper

180 100

182 94.1 75.7 113.5

145 31.7 26.5 39.7

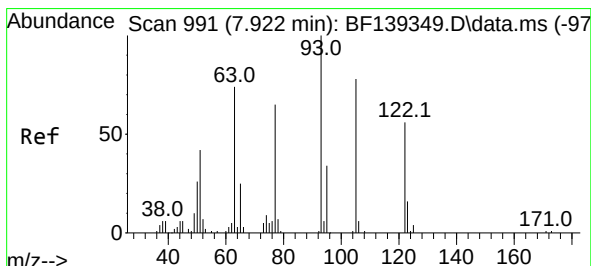
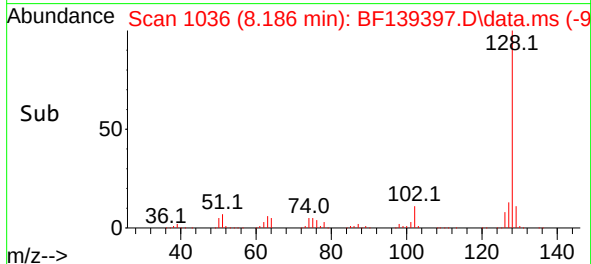
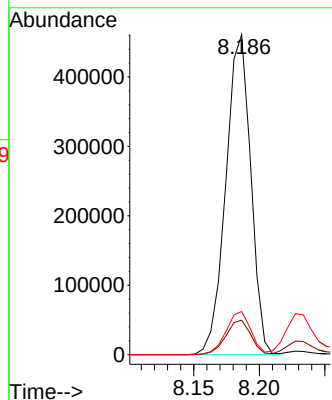
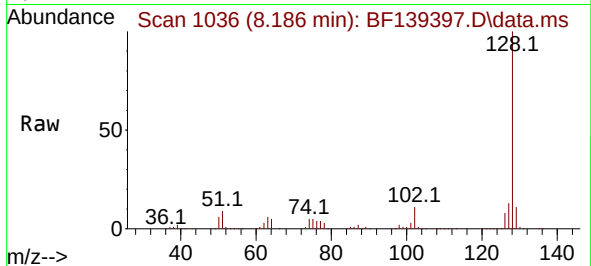




#31
Naphthalene
Concen: 45.681 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

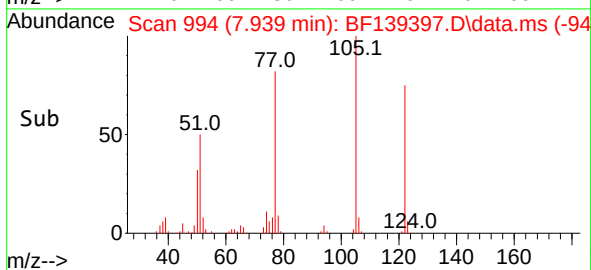
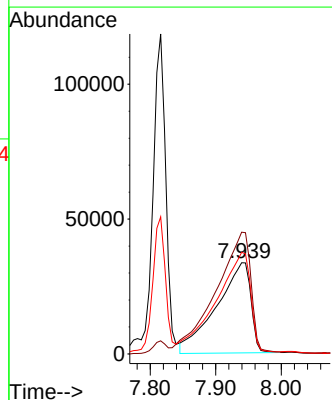
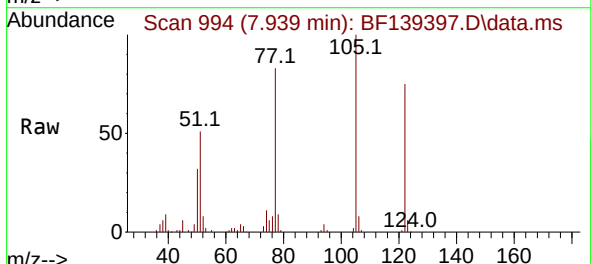
Instrument :
BNA_F
ClientSampleId :
PB163414BS

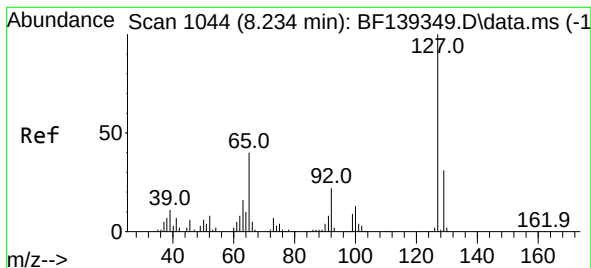
Tgt Ion:128 Resp: 609649
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 45.212 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:122 Resp: 121692
Ion Ratio Lower Upper
122 100
105 133.6 117.1 157.1
77 111.4 95.4 135.4





#33

4-Chloroaniline

Concen: 24.638 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

Tgt Ion:127 Resp: 100592

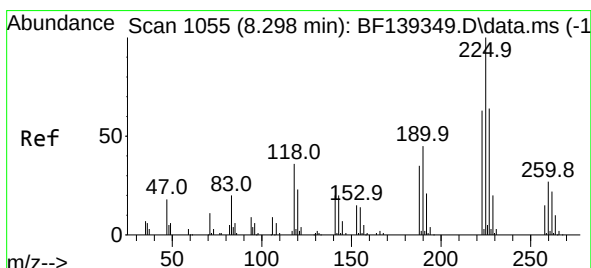
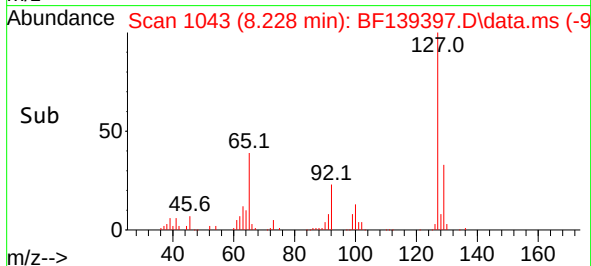
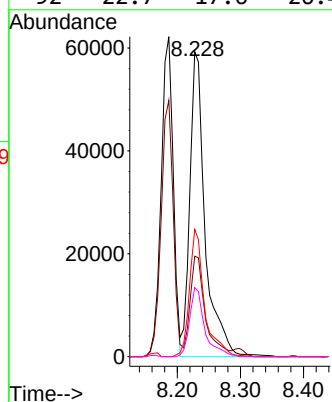
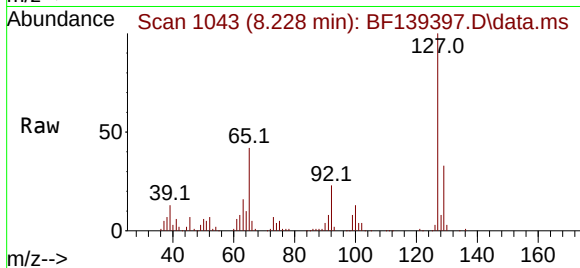
Ion Ratio Lower Upper

127 100

129 32.9 25.5 38.3

65 41.7 31.5 47.3

92 22.7 17.6 26.4



#34

Hexachlorobutadiene

Concen: 43.691 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

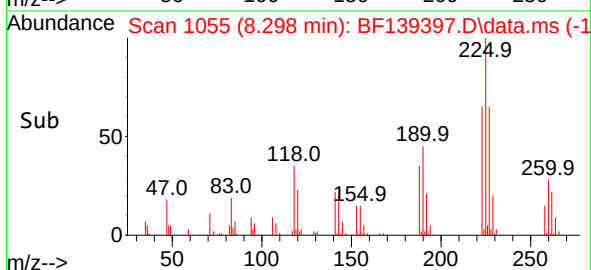
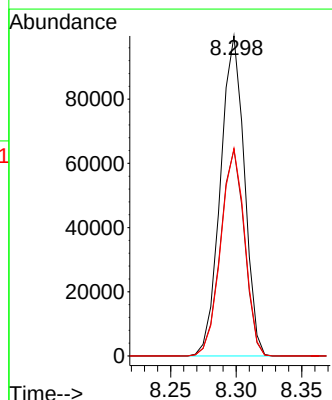
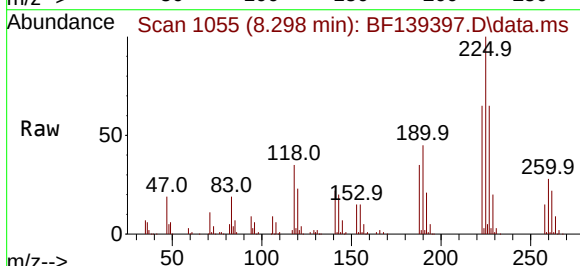
Tgt Ion:225 Resp: 126371

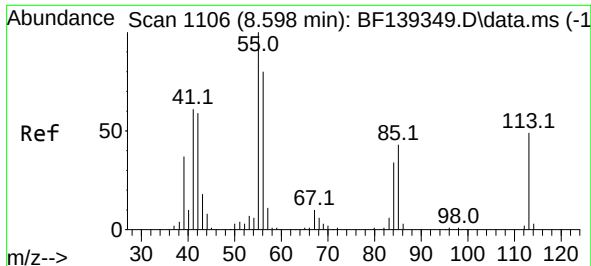
Ion Ratio Lower Upper

225 100

223 64.5 50.1 75.1

227 64.9 51.0 76.6

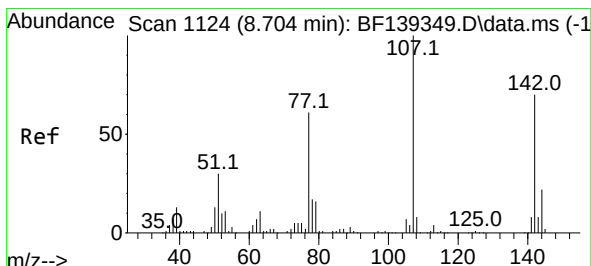
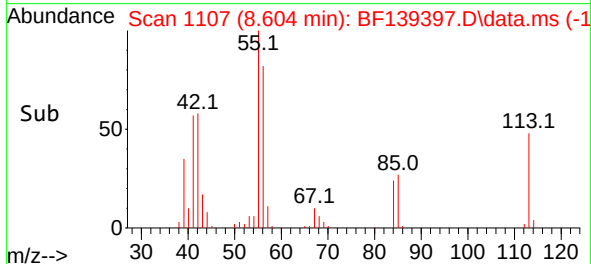
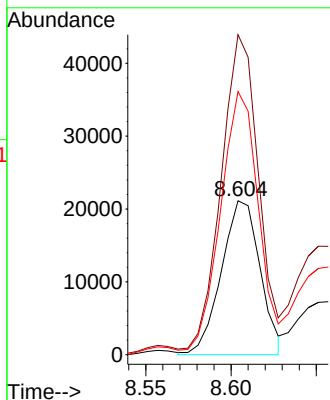
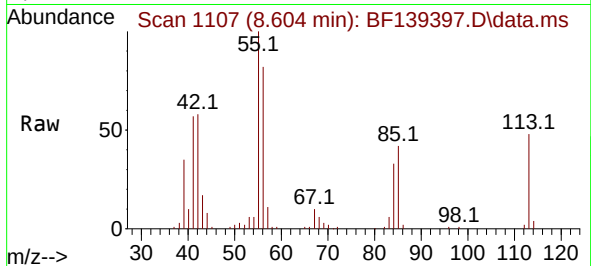




#35
Caprolactam
Concen: 29.684 ng
RT: 8.604 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

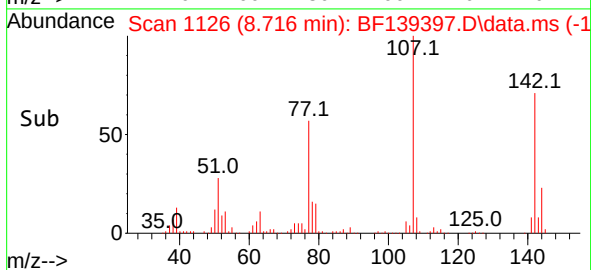
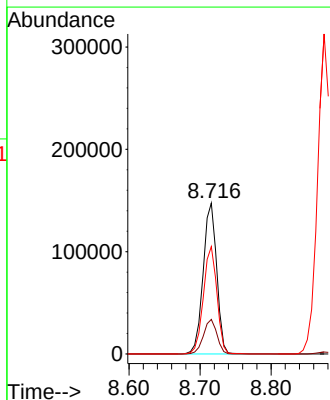
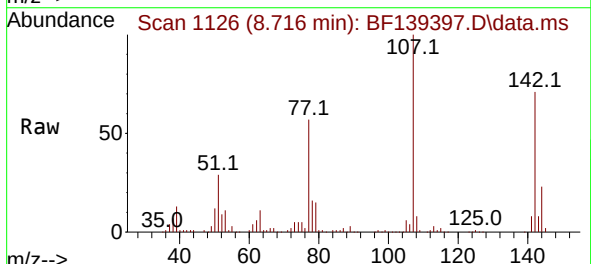
Instrument :
BNA_F
ClientSampleId :
PB163414BS

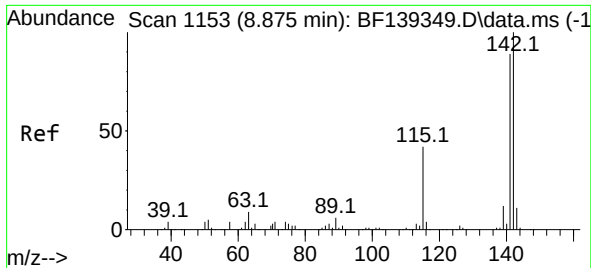
Tgt Ion:113 Resp: 33364
Ion Ratio Lower Upper
113 100
55 207.8 186.1 226.1
56 170.9 144.9 184.9



#36
4-Chloro-3-methylphenol
Concen: 47.032 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:107 Resp: 196396
Ion Ratio Lower Upper
107 100
144 22.9 17.5 26.3
142 71.1 55.8 83.8

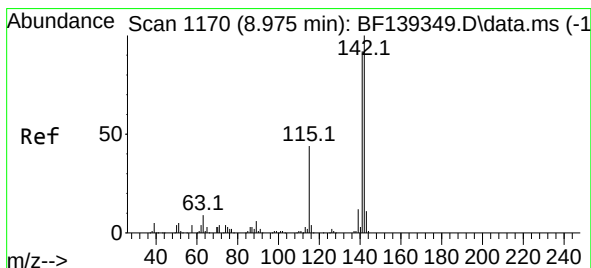
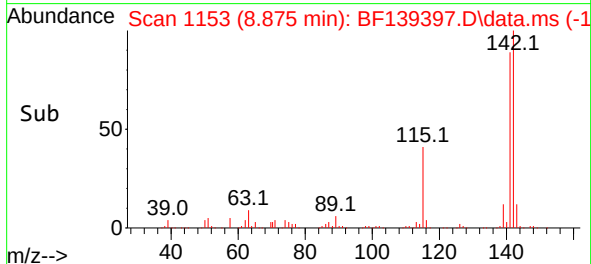
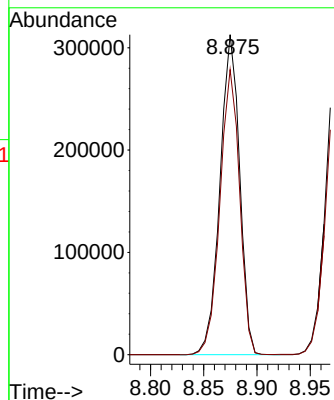
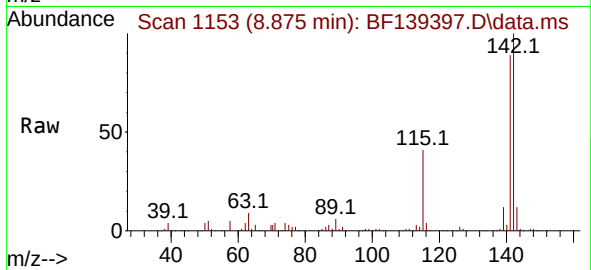




#37
2-Methylnaphthalene
Concen: 47.184 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

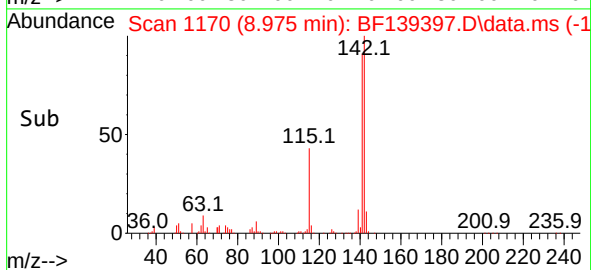
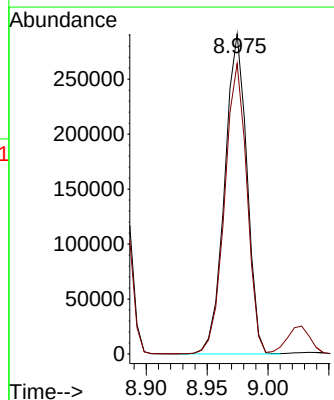
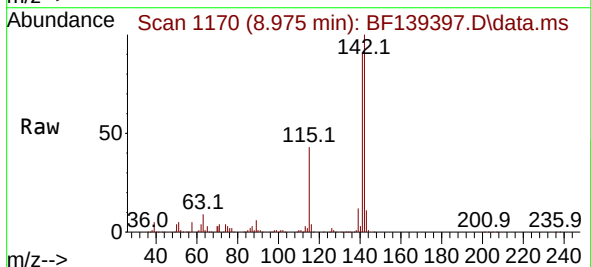
Instrument :
BNA_F
ClientSampleId :
PB163414BS

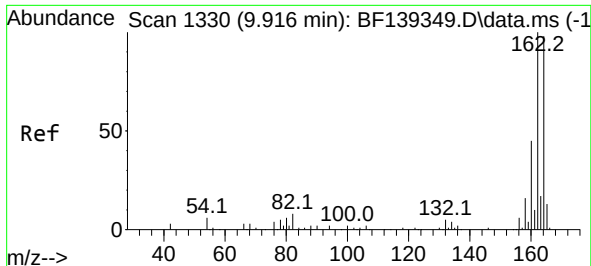
Tgt Ion:142 Resp: 399694
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4



#38
1-Methylnaphthalene
Concen: 44.552 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:142 Resp: 370515
Ion Ratio Lower Upper
142 100
141 90.8 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: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

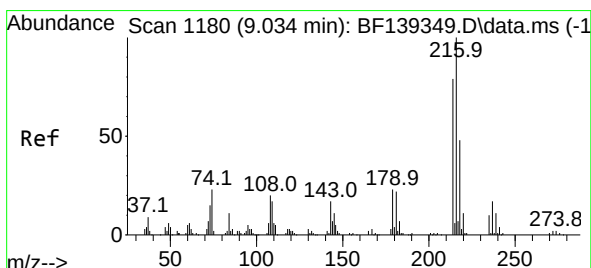
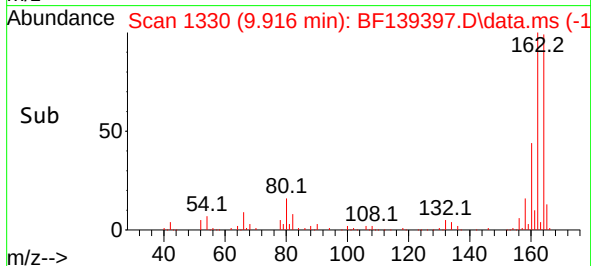
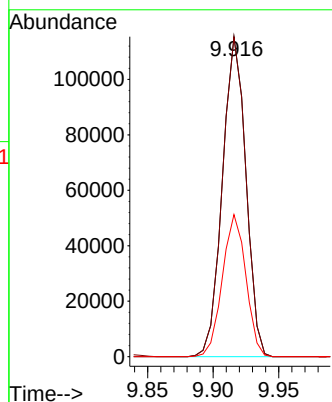
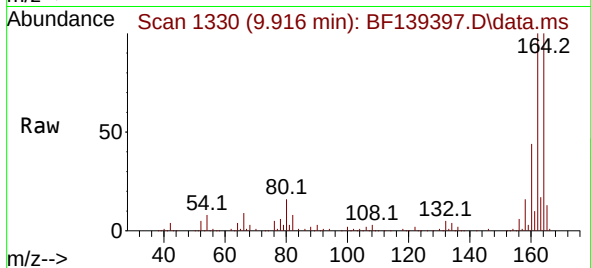
Tgt Ion:164 Resp: 143509

Ion Ratio Lower Upper

164 100

162 99.9 81.3 121.9

160 44.4 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.911 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Tgt Ion:216 Resp: 195268

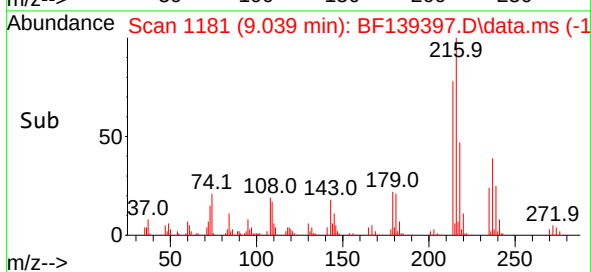
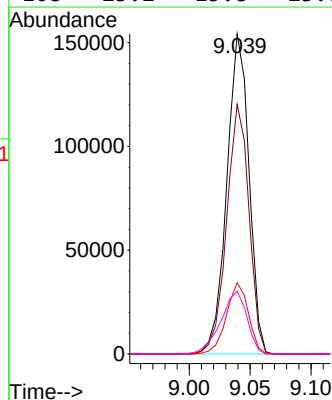
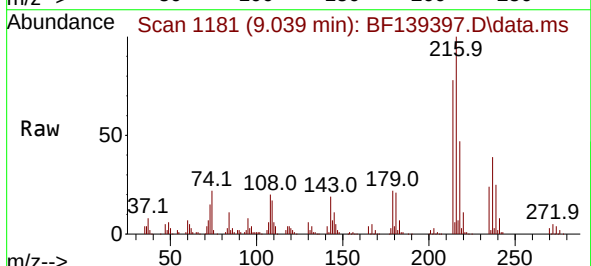
Ion Ratio Lower Upper

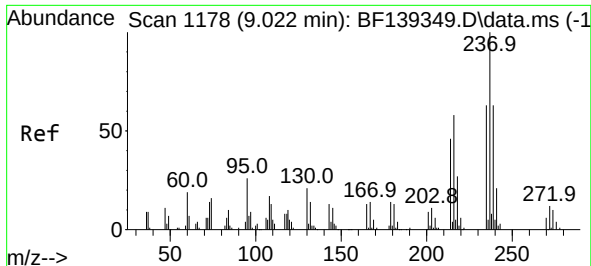
216 100

214 78.3 63.4 95.0

179 22.1 18.2 27.2

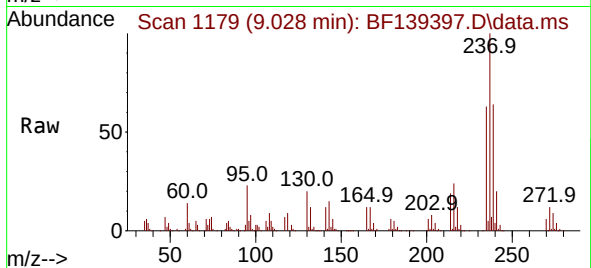
108 23.2 15.8 23.6



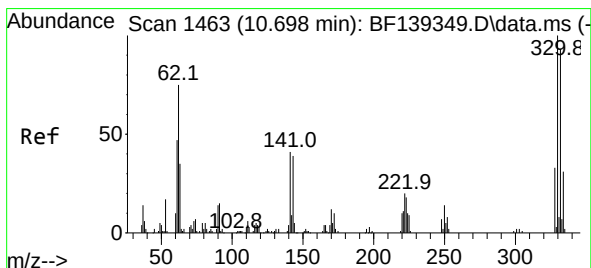
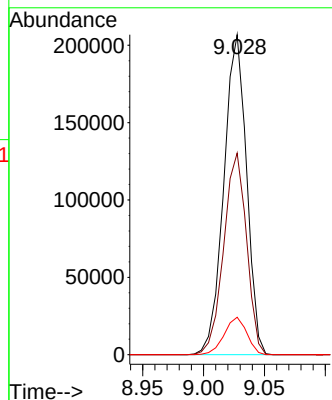
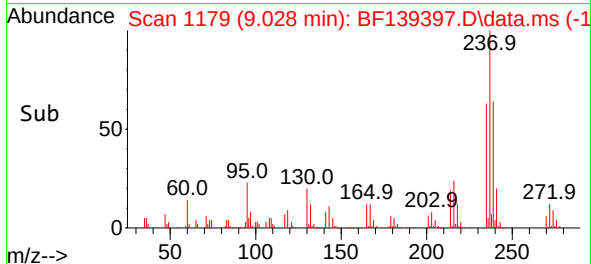


#41
Hexachlorocyclopentadiene
Concen: 180.877 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

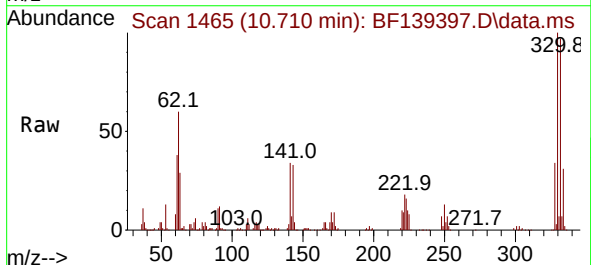
Instrument :
BNA_F
ClientSampleId :
PB163414BS



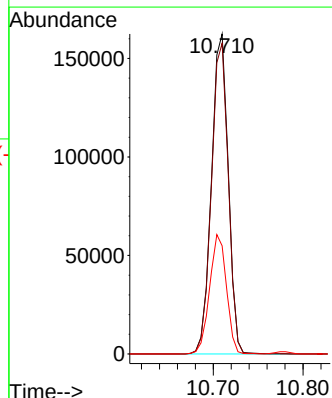
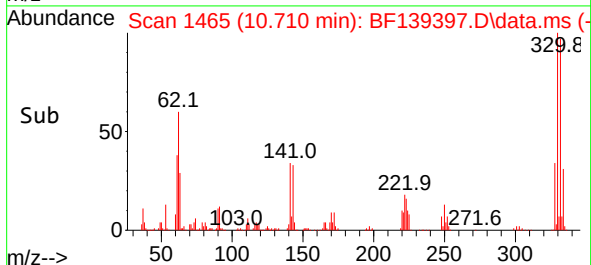
Tgt Ion:237 Resp: 268606
Ion Ratio Lower Upper
237 100
235 63.0 42.7 82.7
272 11.7 0.0 32.5

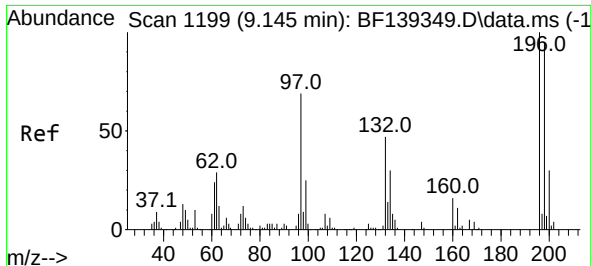


#42
2,4,6-Tribromophenol
Concen: 138.325 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34



Tgt Ion:330 Resp: 211337
Ion Ratio Lower Upper
330 100
332 97.1 75.2 112.8
141 37.4 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 48.189 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

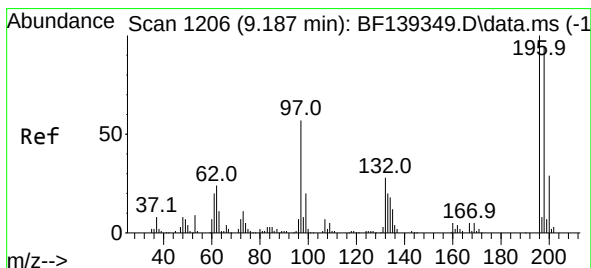
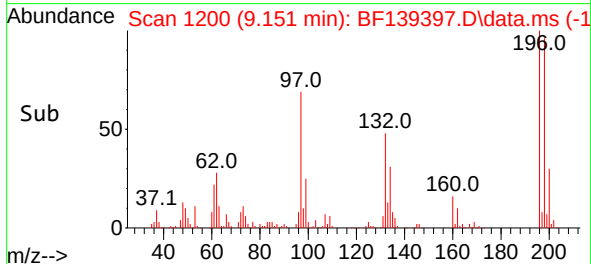
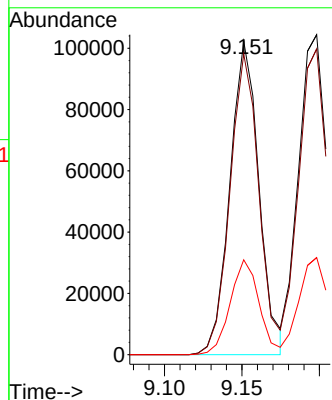
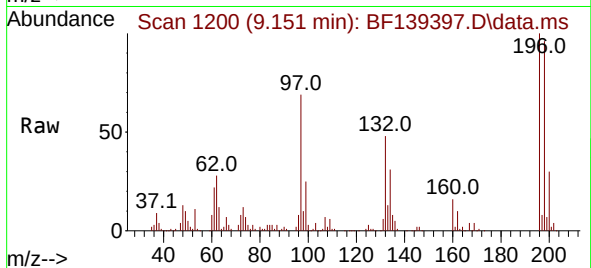
Tgt Ion:196 Resp: 133343

Ion Ratio Lower Upper

196 100

198 95.9 75.8 113.6

200 30.2 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 46.659 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Tgt Ion:196 Resp: 136190

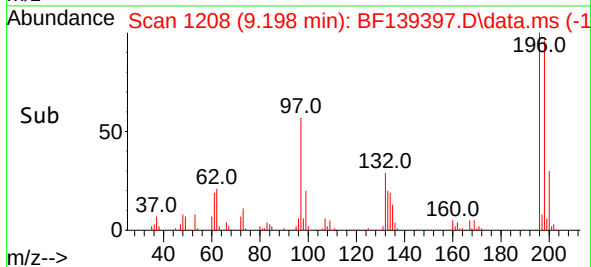
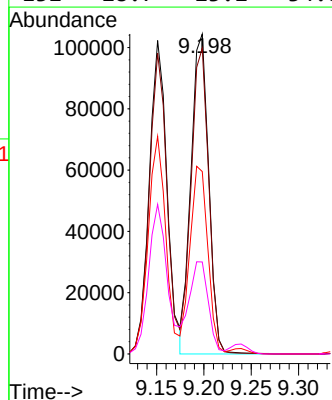
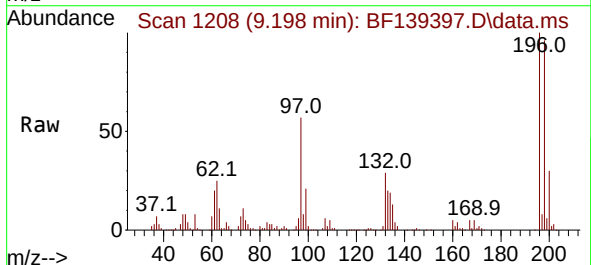
Ion Ratio Lower Upper

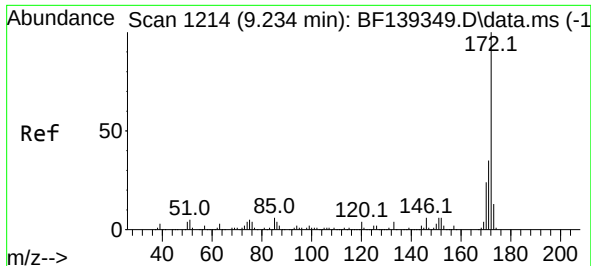
196 100

198 95.6 74.8 112.2

97 57.0 47.3 70.9

132 28.7 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 89.130 ng

RT: 9.239 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

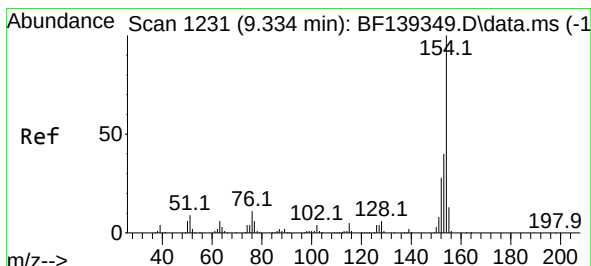
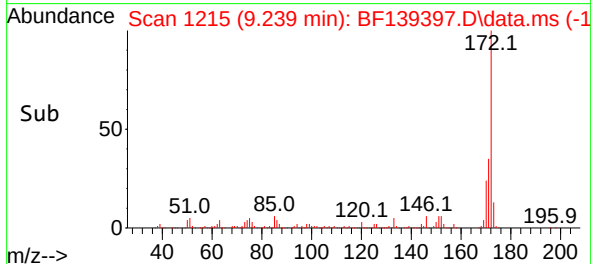
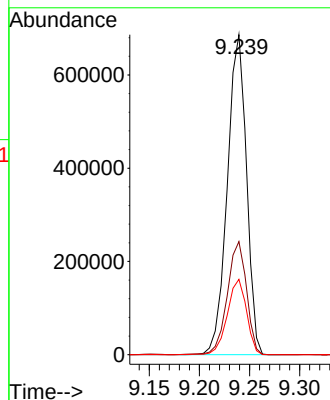
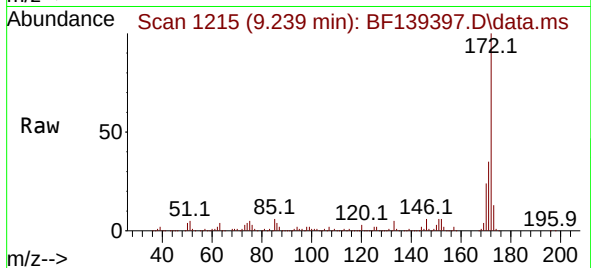
Tgt Ion:172 Resp: 911997

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 45.169 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

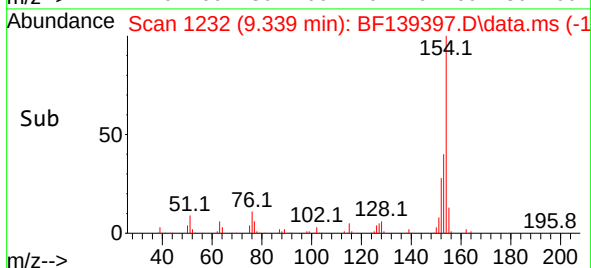
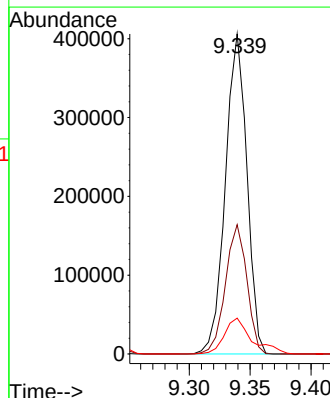
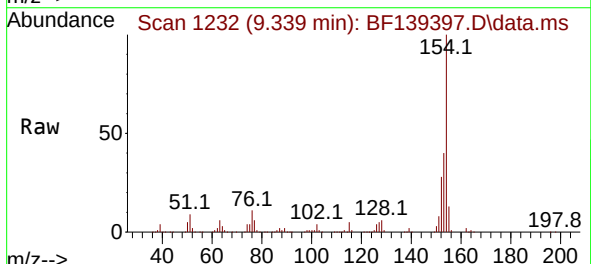
Tgt Ion:154 Resp: 498693

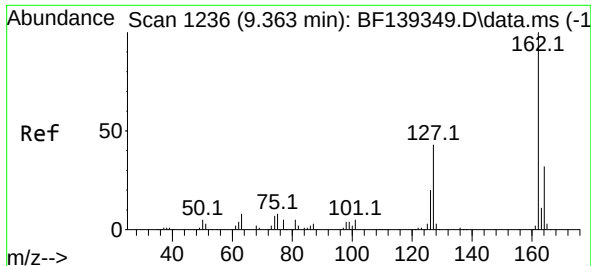
Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 11.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 45.008 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

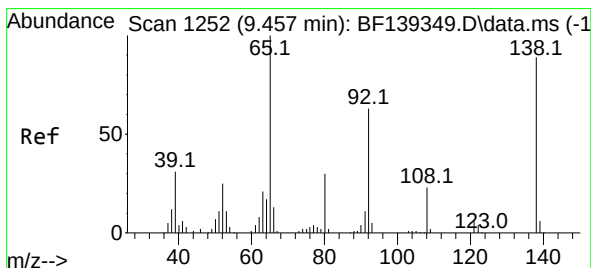
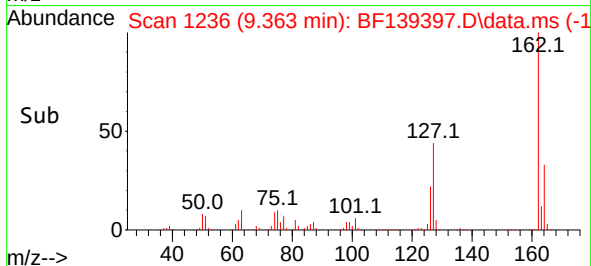
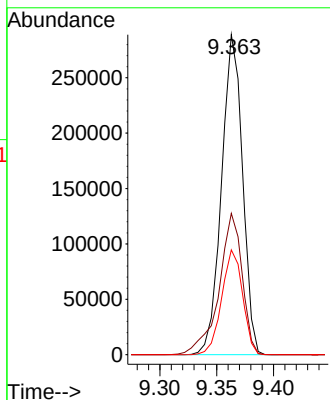
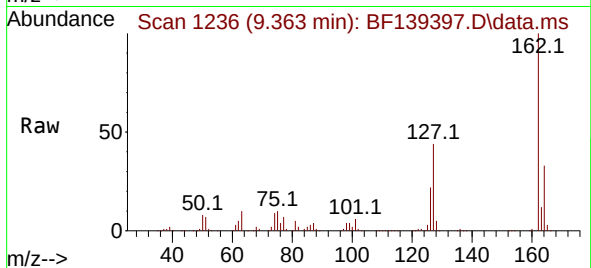
Tgt Ion:162 Resp: 371538

Ion Ratio Lower Upper

162 100

127 44.2 35.0 52.4

164 32.8 25.8 38.6



#48

2-Nitroaniline

Concen: 46.197 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

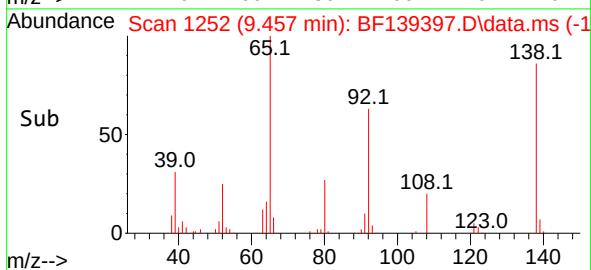
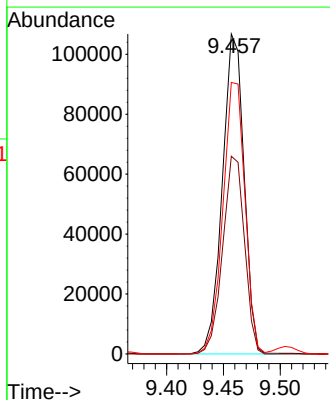
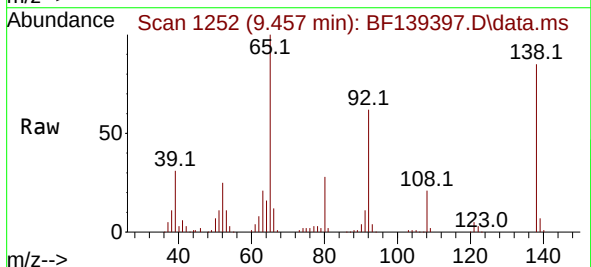
Tgt Ion: 65 Resp: 141844

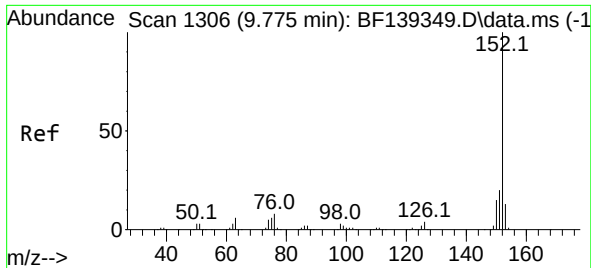
Ion Ratio Lower Upper

65 100

92 61.8 50.3 75.5

138 84.8 71.3 106.9

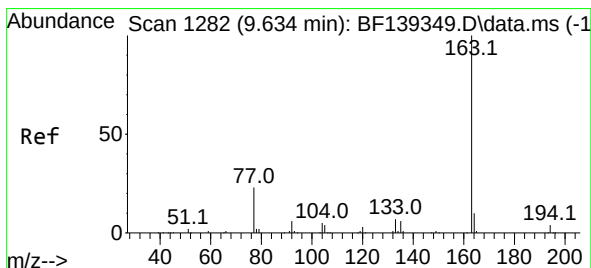
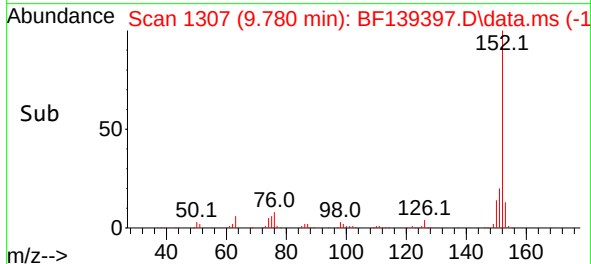
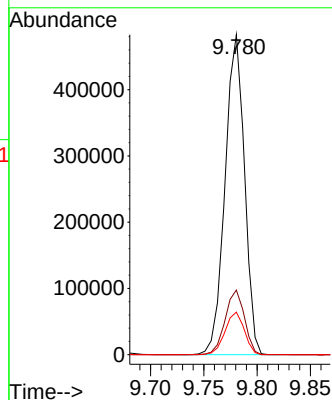
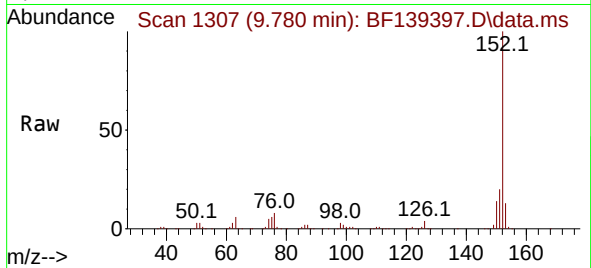




#49
Acenaphthylene
Concen: 49.242 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

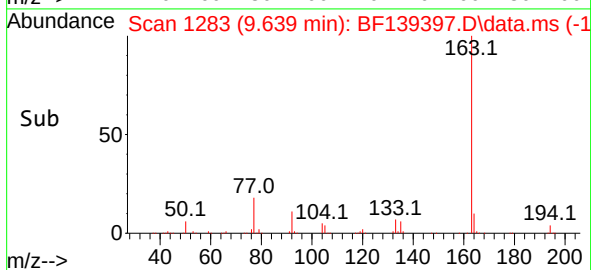
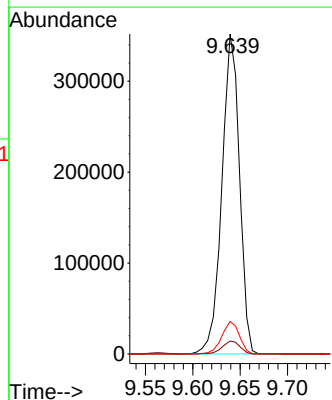
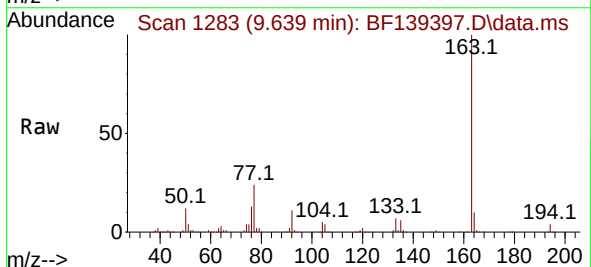
Instrument :
BNA_F
ClientSampleId :
PB163414BS

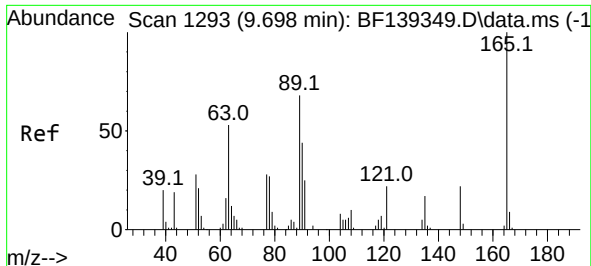
Tgt Ion:152 Resp: 611893
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.3 10.3 15.5



#50
Dimethylphthalate
Concen: 48.332 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:163 Resp: 455242
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.2 12.2

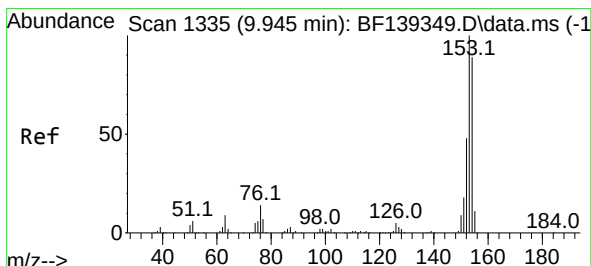
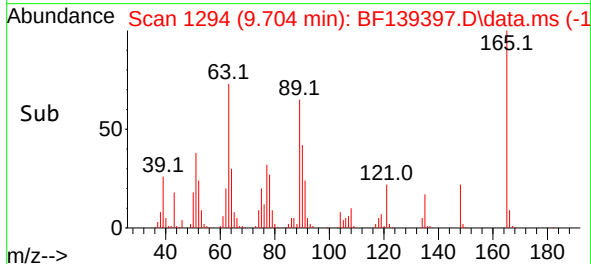
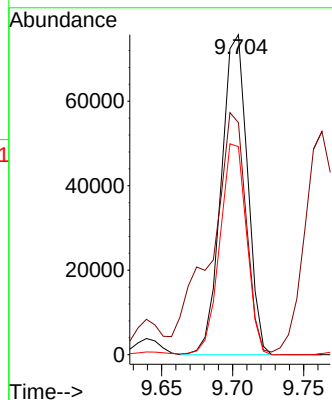
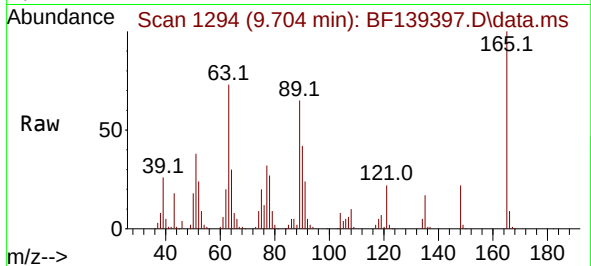




#51
2,6-Dinitrotoluene
Concen: 46.568 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

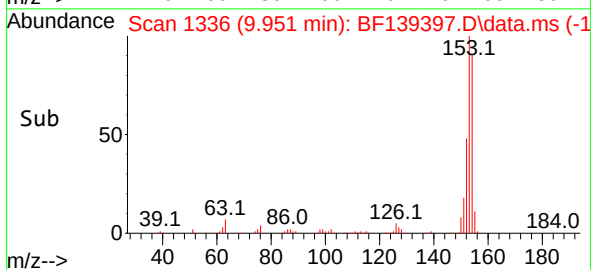
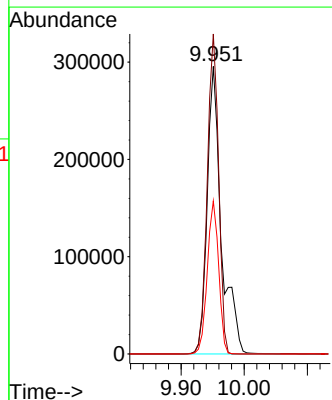
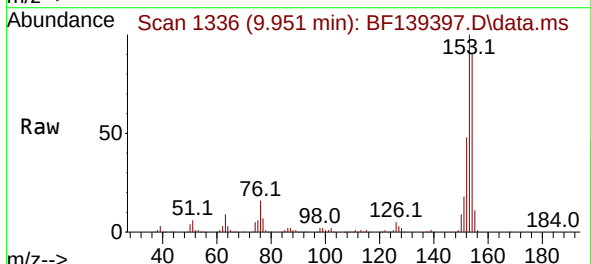
Instrument :
BNA_F
ClientSampleId :
PB163414BS

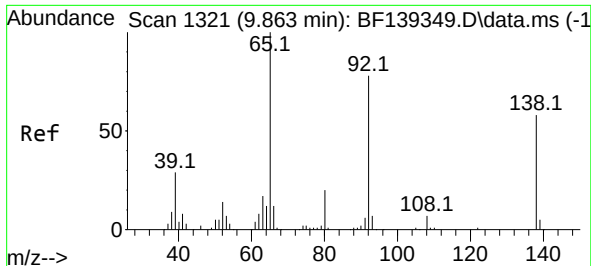
Tgt Ion:165 Resp: 97170
Ion Ratio Lower Upper
165 100
63 72.5 60.9 91.3
89 65.0 54.7 82.1



#52
Acenaphthene
Concen: 53.280 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:154 Resp: 462073
Ion Ratio Lower Upper
154 100
153 111.3 89.5 134.3
152 53.2 42.6 64.0

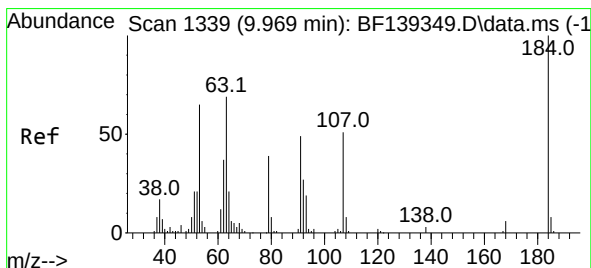
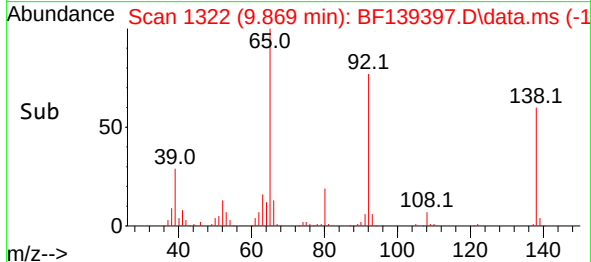
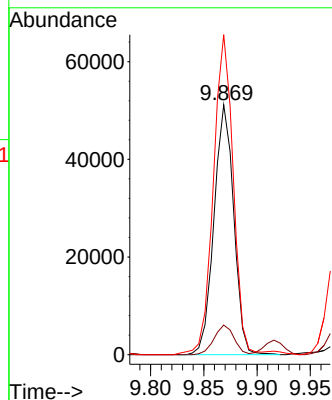
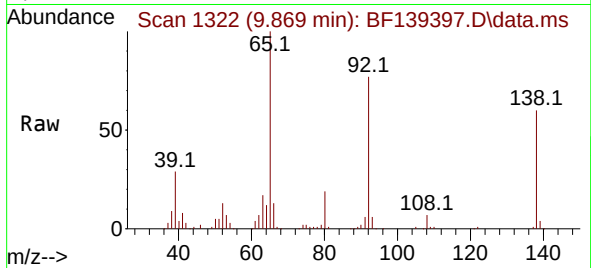




#53
3-Nitroaniline
Concen: 31.600 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

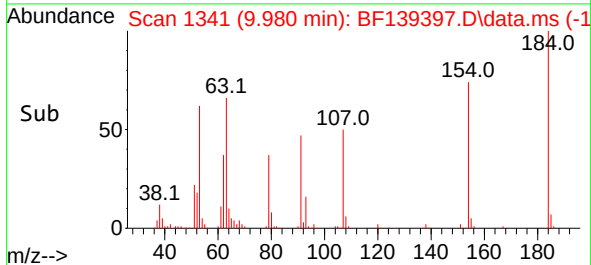
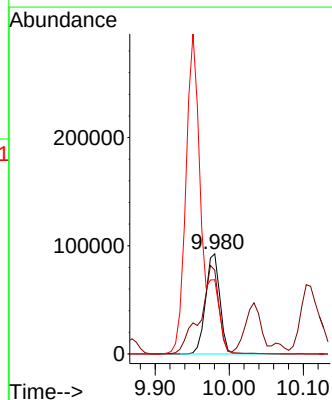
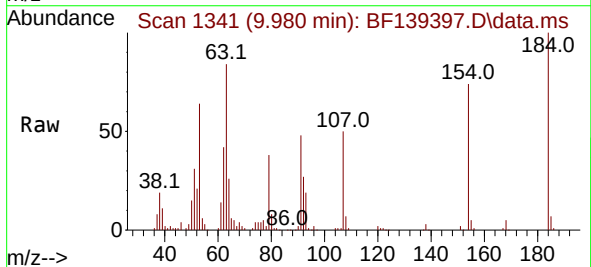
Instrument :
BNA_F
ClientSampleId :
PB163414BS

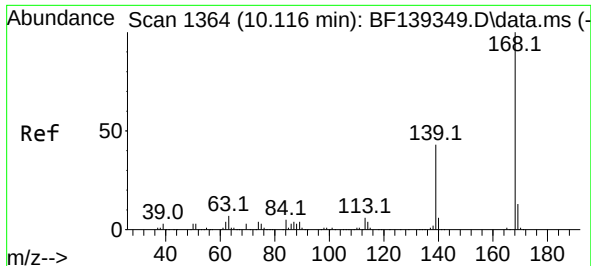
Tgt Ion:138 Resp: 65897
Ion Ratio Lower Upper
138 100
108 11.9 9.8 14.8
92 128.0 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 107.435 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:184 Resp: 124916
Ion Ratio Lower Upper
184 100
63 83.7 69.3 103.9
154 74.1 67.5 101.3

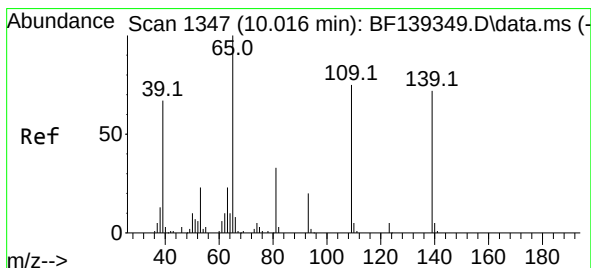
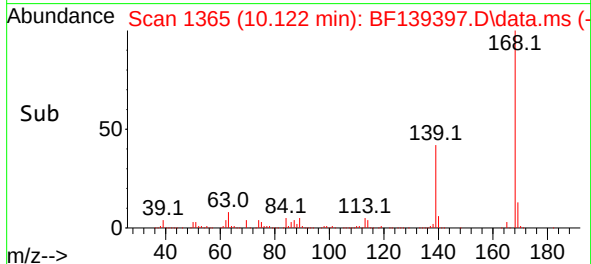
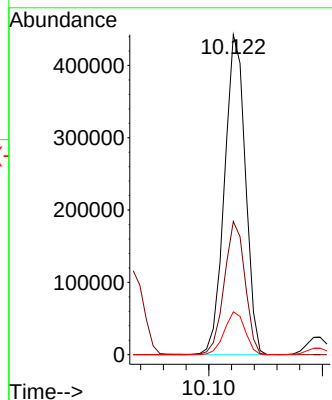
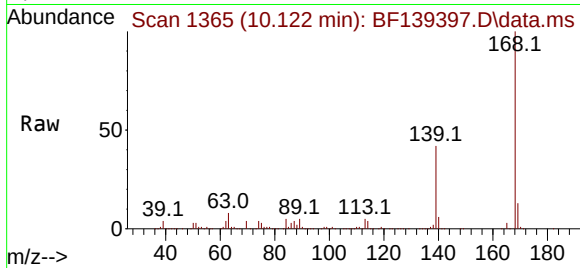




#55
Dibenzenofuran
Concen: 46.670 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

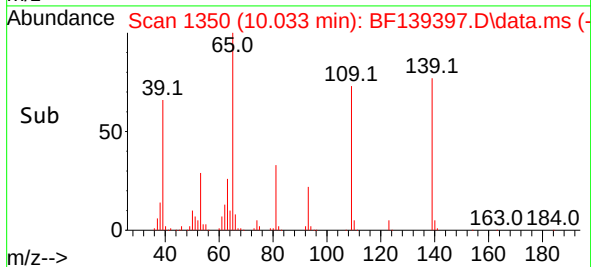
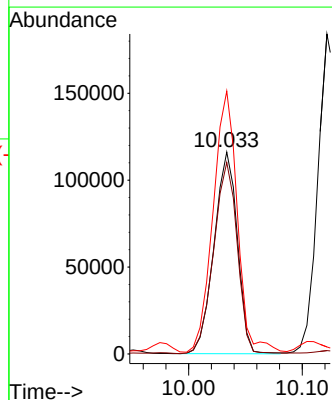
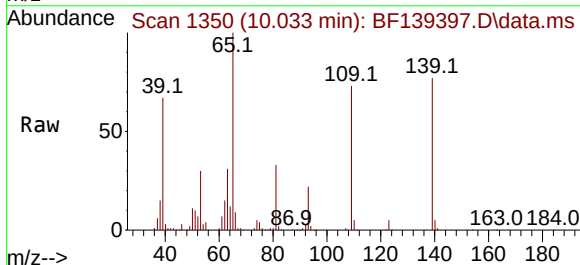
Instrument :
BNA_F
ClientSampleId :
PB163414BS

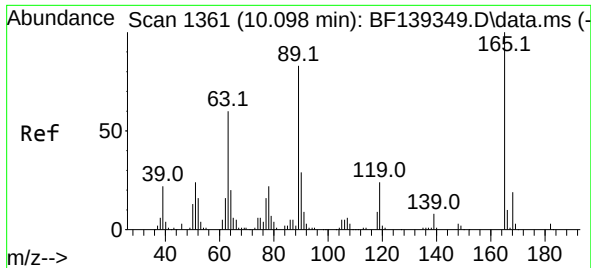
Tgt Ion:168 Resp: 564147
Ion Ratio Lower Upper
168 100
139 41.6 34.1 51.1
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 96.083 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:139 Resp: 165793
Ion Ratio Lower Upper
139 100
109 94.9 84.1 124.1
65 130.2 120.0 160.0

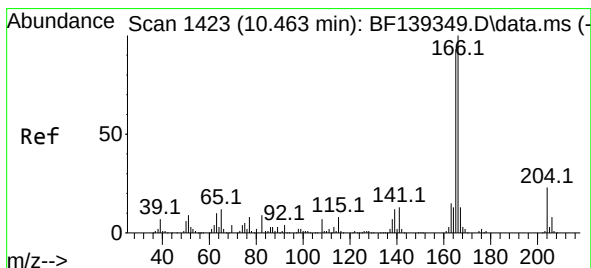
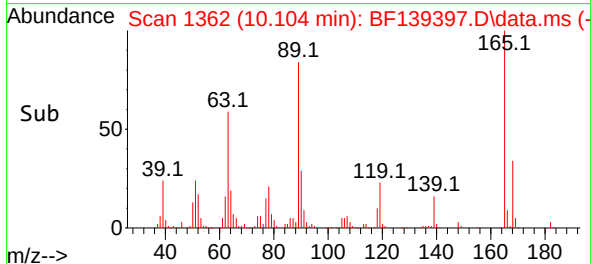
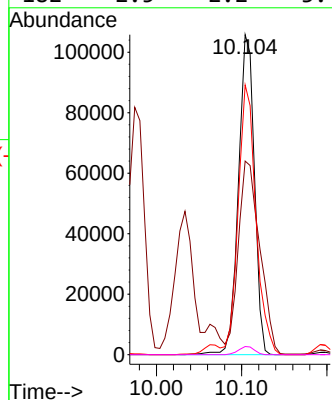
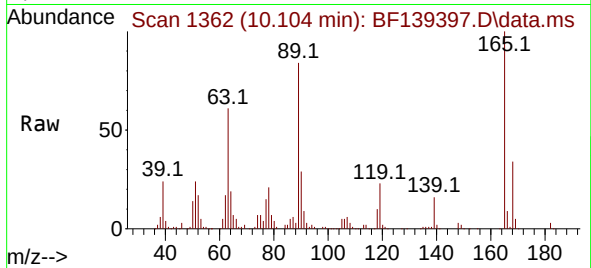




#57
2,4-Dinitrotoluene
Concen: 48.934 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

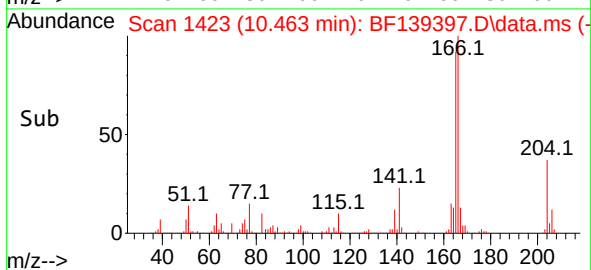
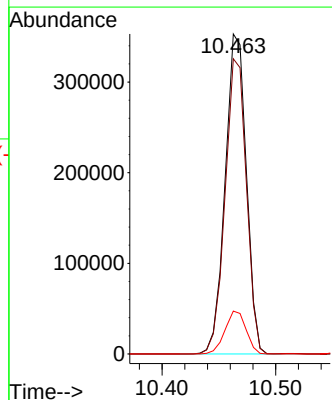
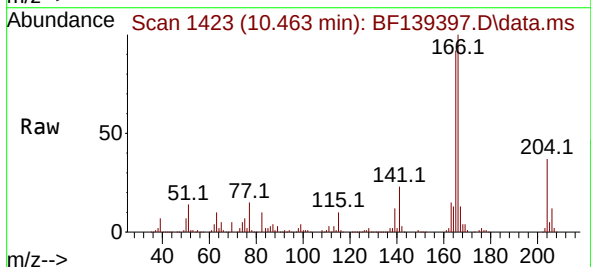
Instrument :
BNA_F
ClientSampleId :
PB163414BS

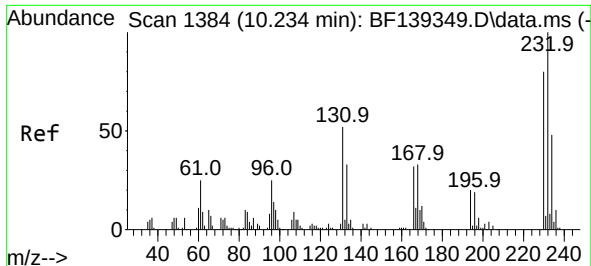
Tgt Ion:165 Resp: 137851
Ion Ratio Lower Upper
165 100
63 60.5 47.8 71.6
89 84.3 66.7 100.1
182 2.5 2.2 3.4



#58
Fluorene
Concen: 46.459 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:166 Resp: 458215
Ion Ratio Lower Upper
166 100
165 92.3 74.5 111.7
167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.076 ng

RT: 10.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

Tgt Ion:232 Resp: 120910

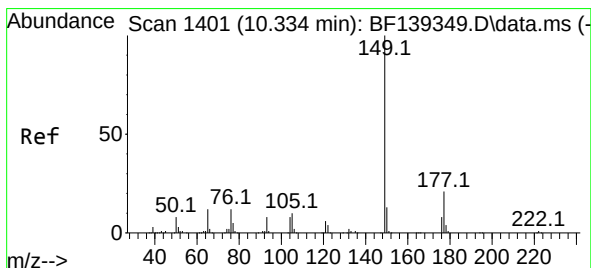
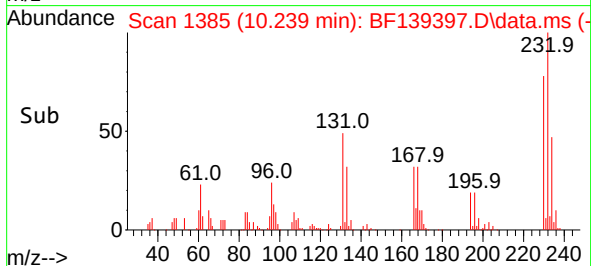
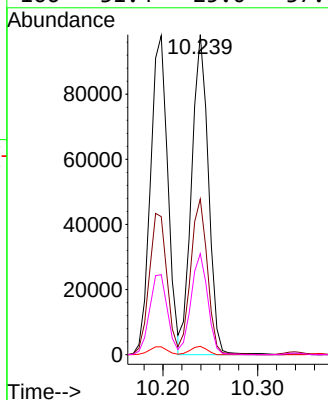
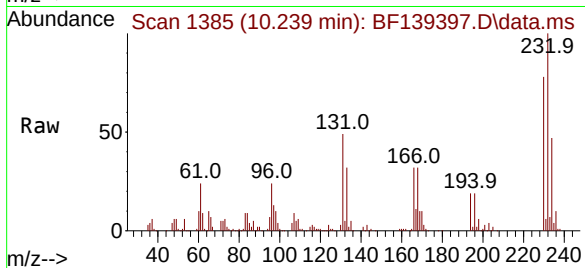
Ion Ratio Lower Upper

232 100

131 48.7 40.7 61.1

130 2.6 2.2 3.2

166 31.4 25.0 37.6



#60

Diethylphthalate

Concen: 48.999 ng

RT: 10.339 min Scan# 1402

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

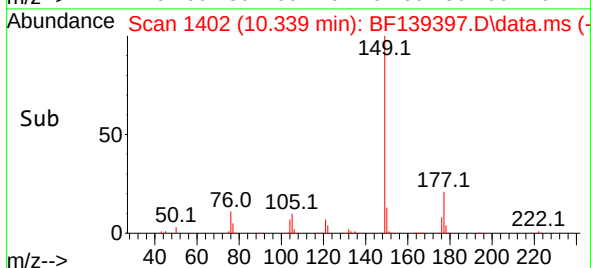
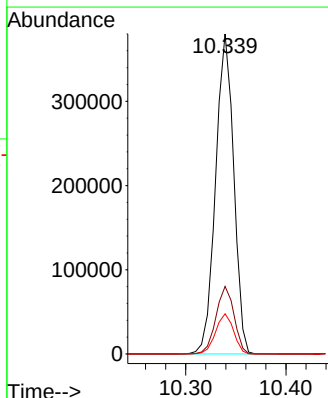
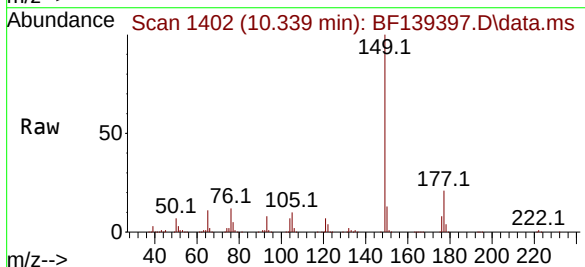
Tgt Ion:149 Resp: 476279

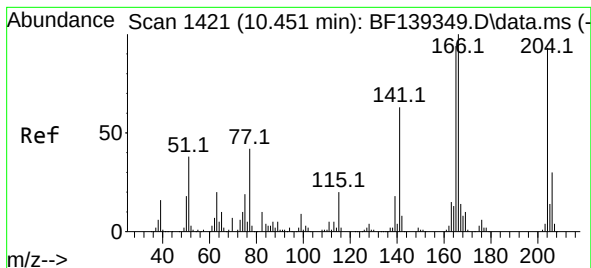
Ion Ratio Lower Upper

149 100

177 21.1 16.6 24.8

150 12.5 10.6 15.8

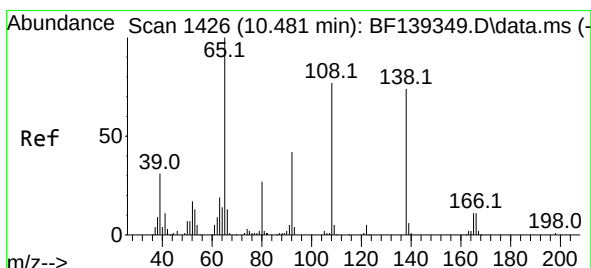
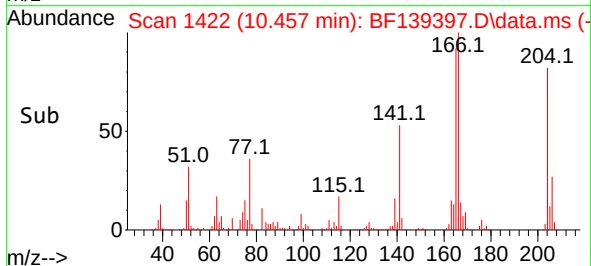
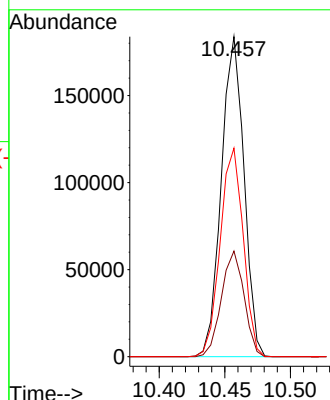
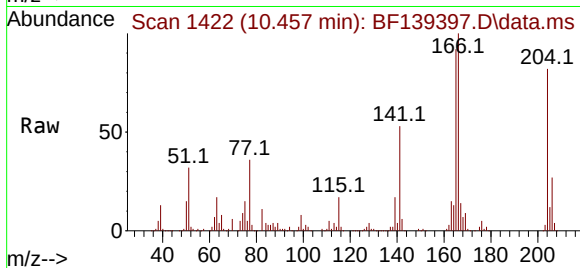




#61
4-Chlorophenyl-phenylether
Concen: 46.062 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

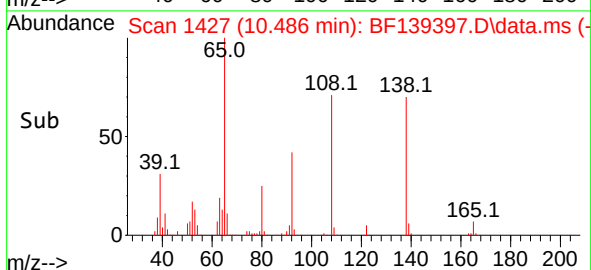
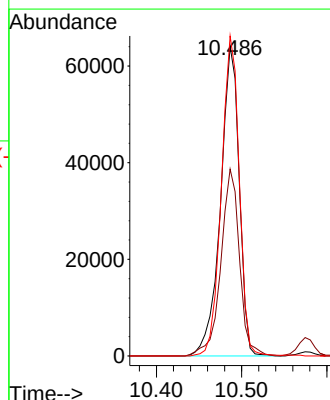
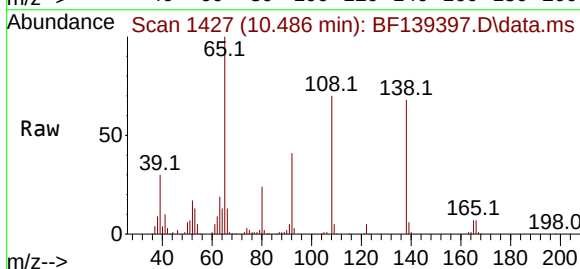
Instrument :
BNA_F
ClientSampleId :
PB163414BS

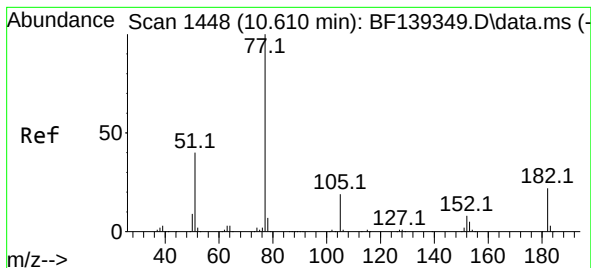
Tgt Ion:204 Resp: 220783
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 65.2 53.9 80.9



#62
4-Nitroaniline
Concen: 42.912 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:138 Resp: 97665
Ion Ratio Lower Upper
138 100
92 60.3 37.0 77.0
108 103.4 84.4 124.4





#63

Azobenzene

Concen: 48.028 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

Tgt Ion: 77 Resp: 459164

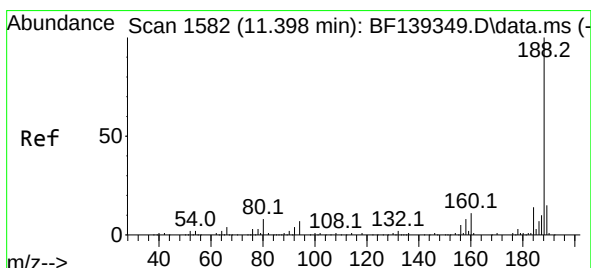
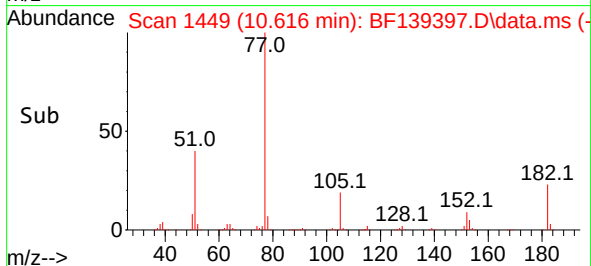
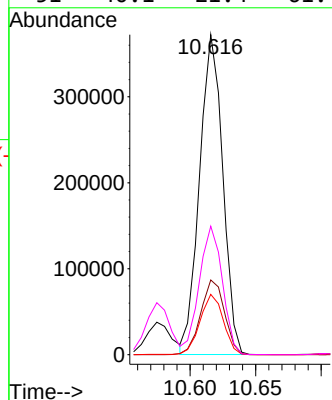
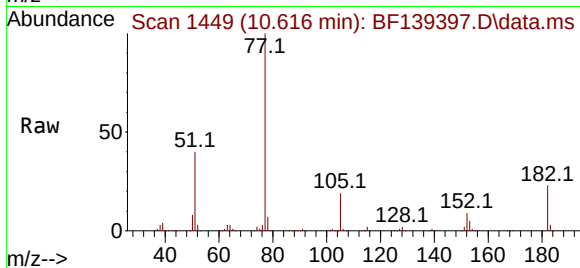
Ion Ratio Lower Upper

77 100

182 23.4 1.8 41.8

105 18.9 0.0 38.6

51 40.1 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: BF139397.D

Acq: 17 Sep 2024 12:34

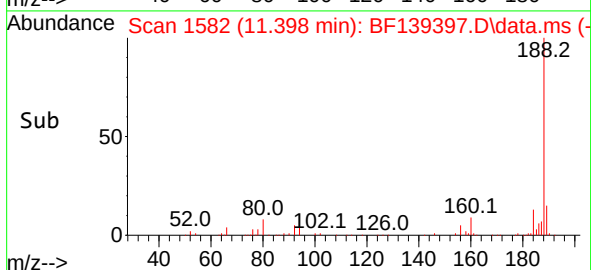
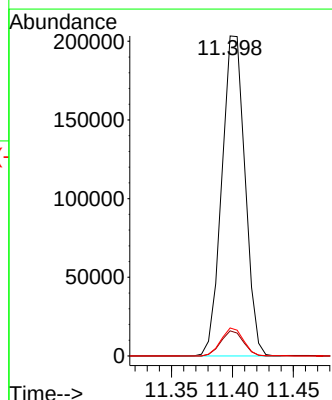
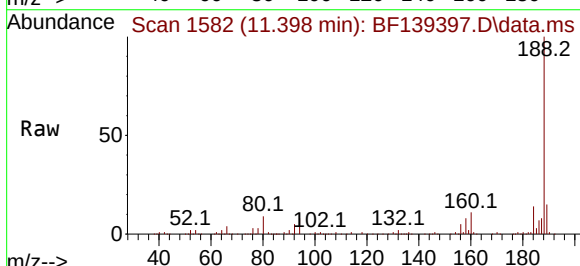
Tgt Ion:188 Resp: 269967

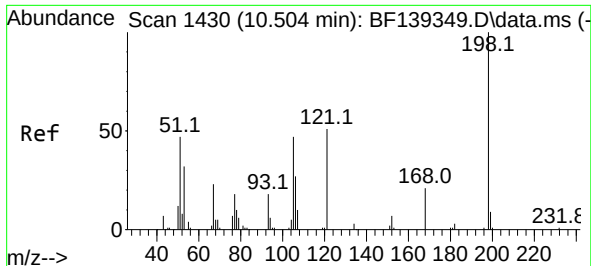
Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 8.8 6.6 9.8

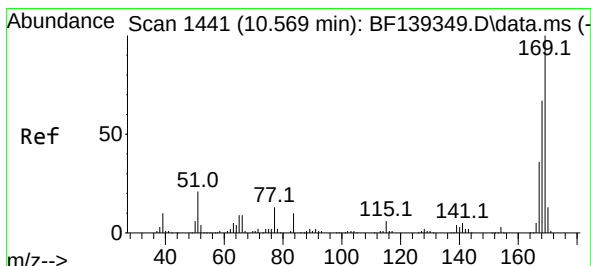
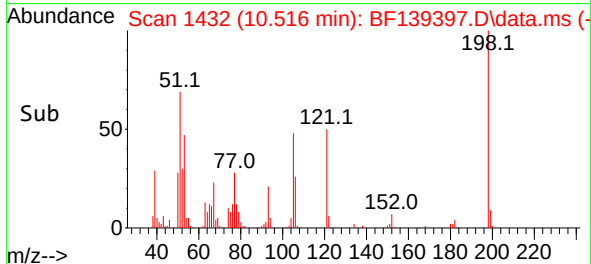
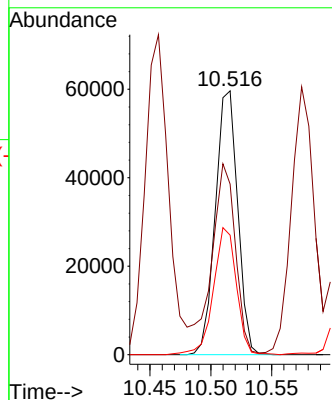
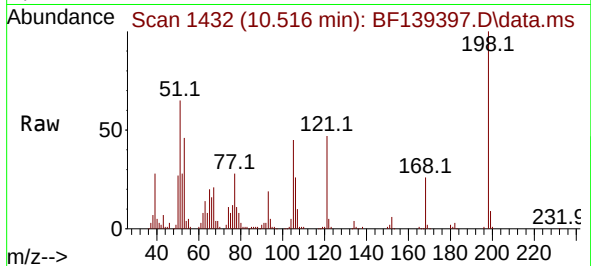




#65
4,6-Dinitro-2-methylphenol
Concen: 53.421 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

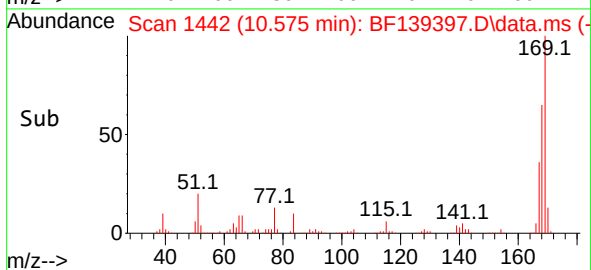
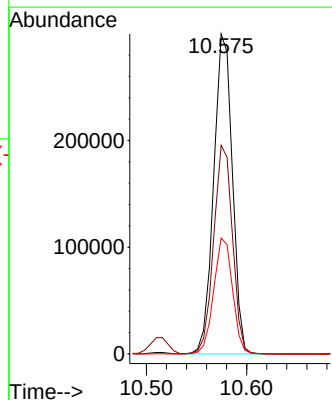
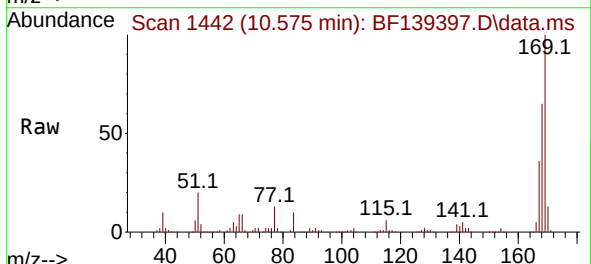
Instrument :
BNA_F
ClientSampleId :
PB163414BS

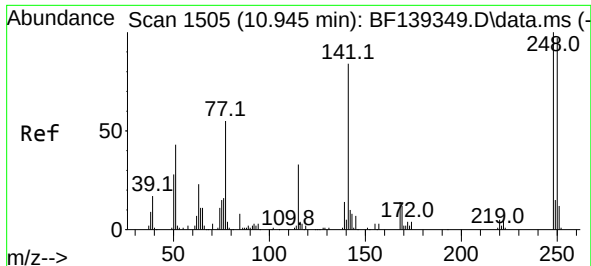
Tgt Ion:198 Resp: 76117
Ion Ratio Lower Upper
198 100
51 64.7 50.4 90.4
105 45.3 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 49.110 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:169 Resp: 387624
Ion Ratio Lower Upper
169 100
168 65.2 53.6 80.4
167 36.3 28.7 43.1

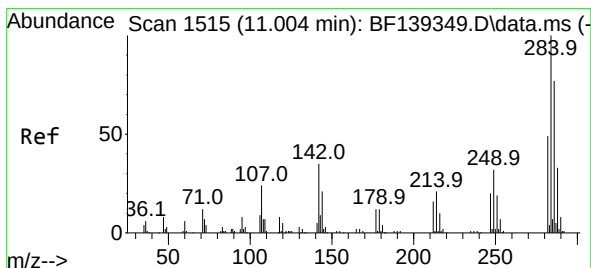
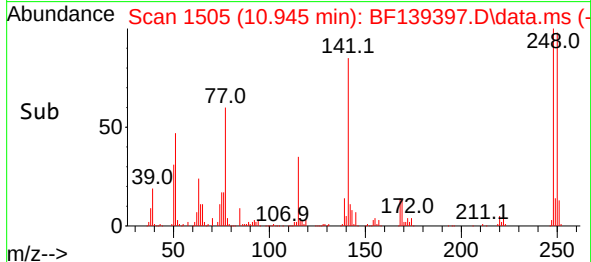
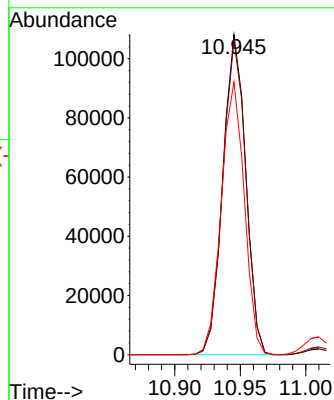
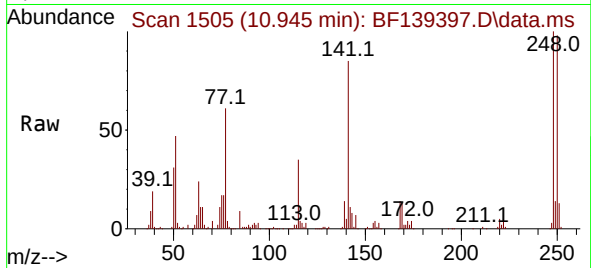




#67
4-Bromophenyl-phenylether
Concen: 49.059 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

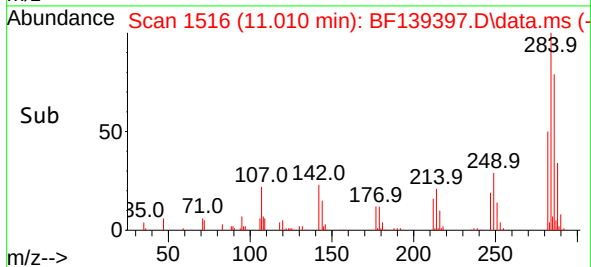
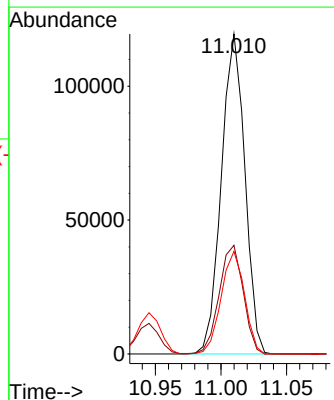
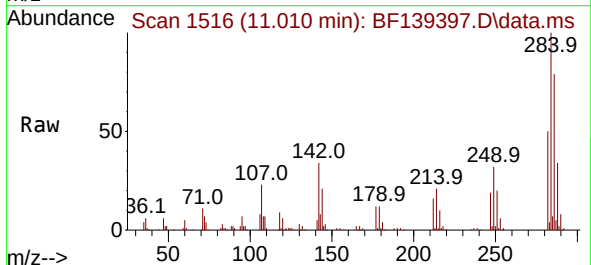
Instrument :
BNA_F
ClientSampleId :
PB163414BS

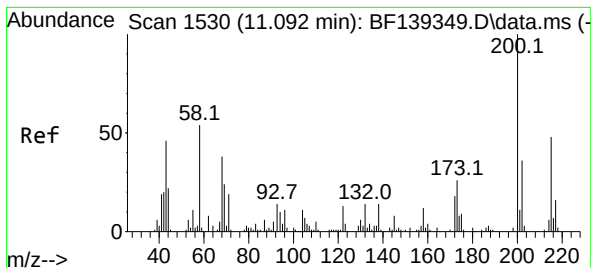
Tgt Ion:248 Resp: 131248
Ion Ratio Lower Upper
248 100
250 98.2 77.6 116.4
141 85.2 66.9 100.3



#68
Hexachlorobenzene
Concen: 47.358 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:284 Resp: 148694
Ion Ratio Lower Upper
284 100
142 34.0 28.0 42.0
249 32.0 25.3 37.9





#69

Atrazine

Concen: 69.685 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.012 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

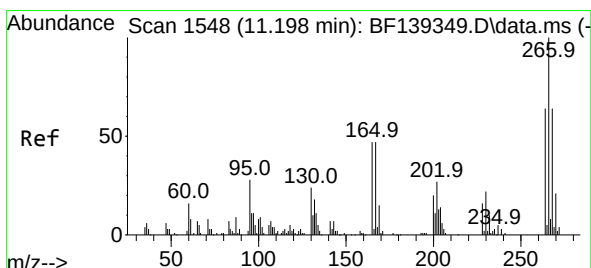
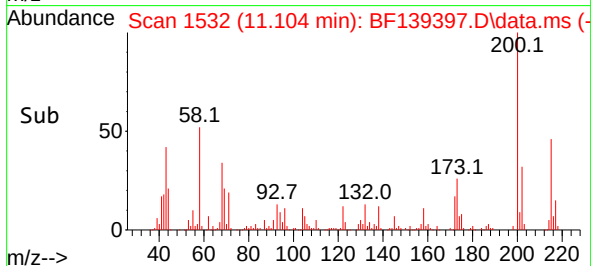
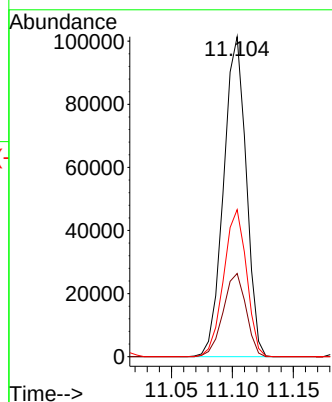
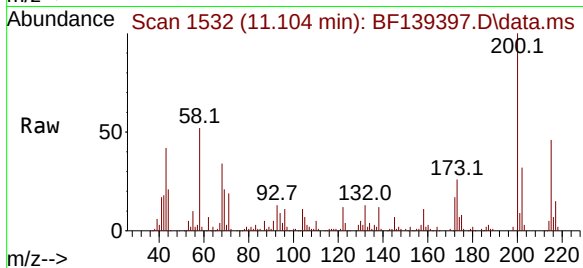
Tgt Ion:200 Resp: 130942

Ion Ratio Lower Upper

200 100

173 26.0 6.1 46.1

215 45.9 28.2 68.2



#70

Pentachlorophenol

Concen: 100.094 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

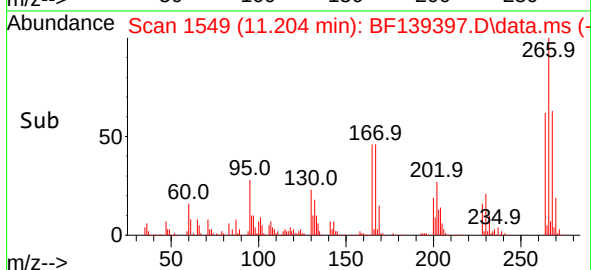
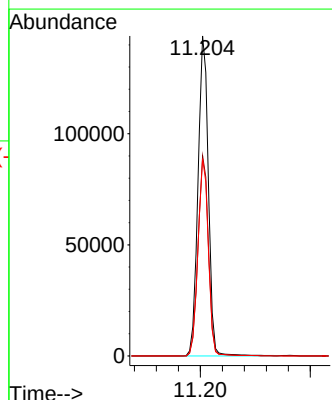
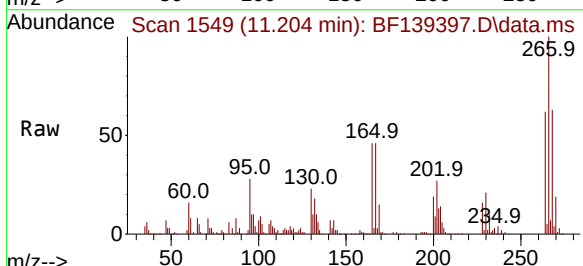
Tgt Ion:266 Resp: 188578

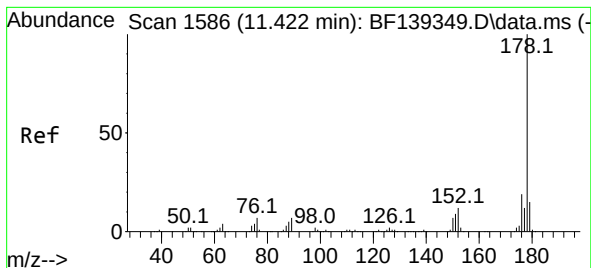
Ion Ratio Lower Upper

266 100

268 62.5 51.1 76.7

264 61.6 51.4 77.0

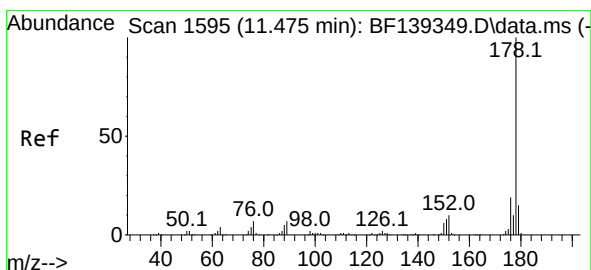
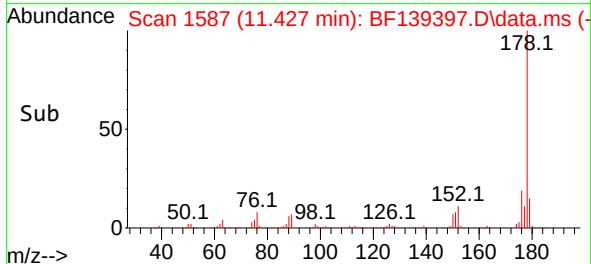
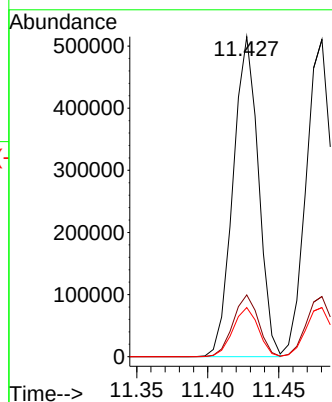
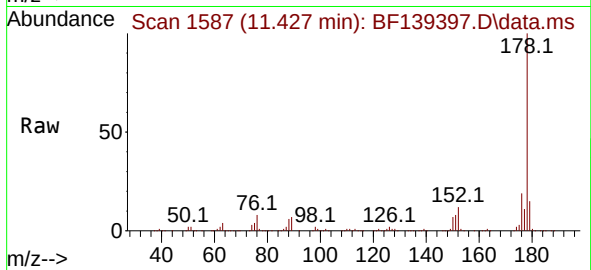




#71
Phenanthrene
Concen: 49.069 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

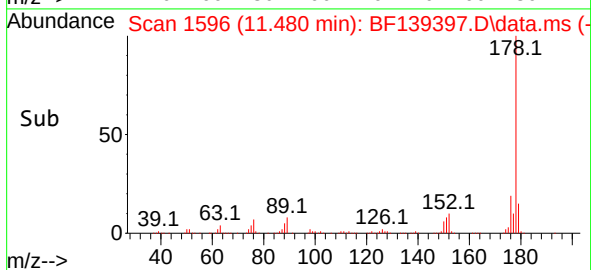
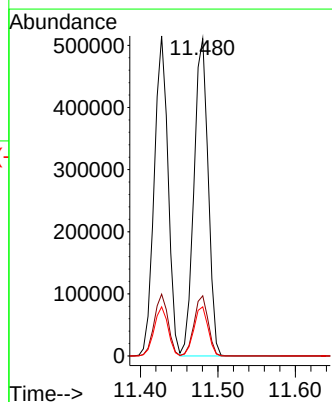
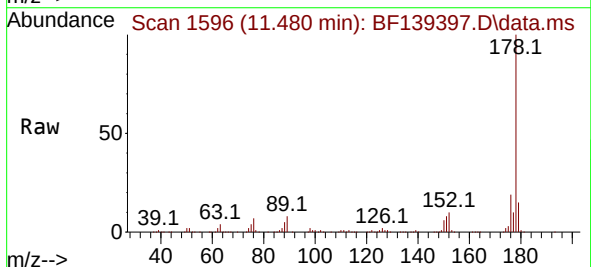
Instrument : BNA_F
ClientSampleId : PB163414BS

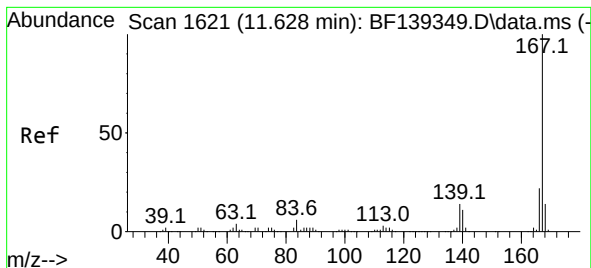
Tgt Ion:178 Resp: 639112
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.4 12.2 18.4



#72
Anthracene
Concen: 50.819 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:178 Resp: 647165
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.5 12.0 18.0





#73

Carbazole

Concen: 48.520 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

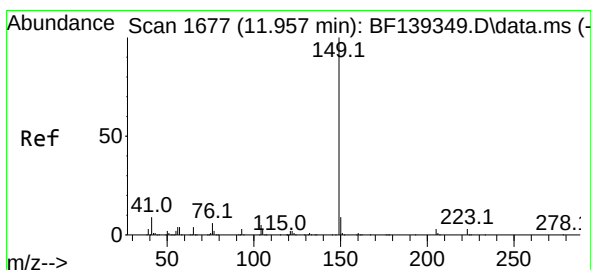
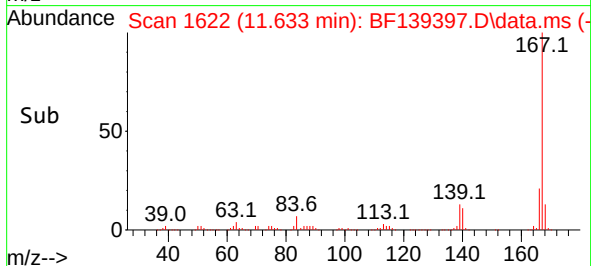
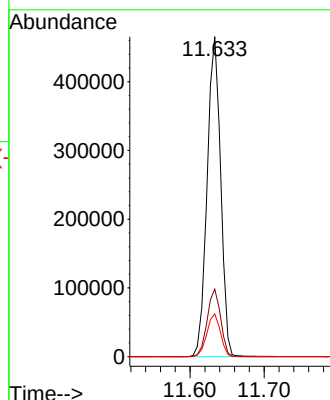
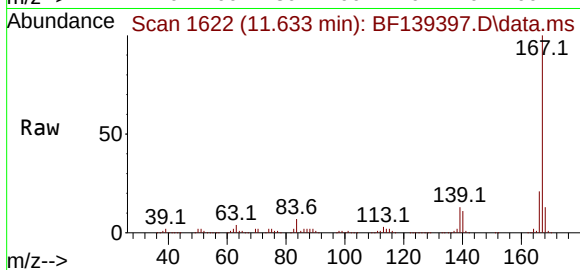
Tgt Ion:167 Resp: 591370

Ion Ratio Lower Upper

167 100

166 21.1 17.5 26.3

139 13.4 10.9 16.3



#74

Di-n-butylphthalate

Concen: 53.762 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

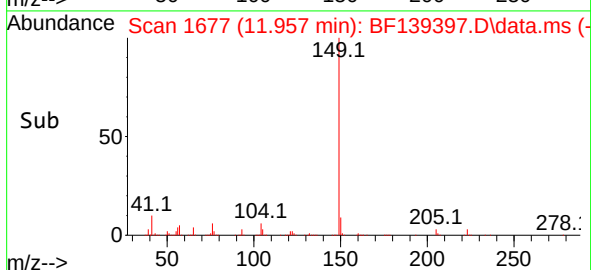
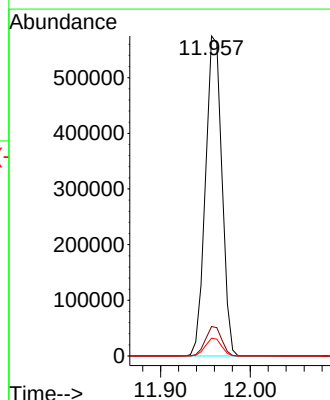
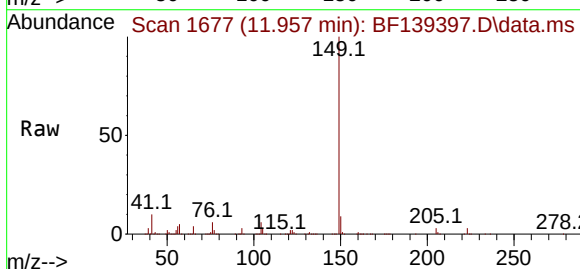
Tgt Ion:149 Resp: 729948

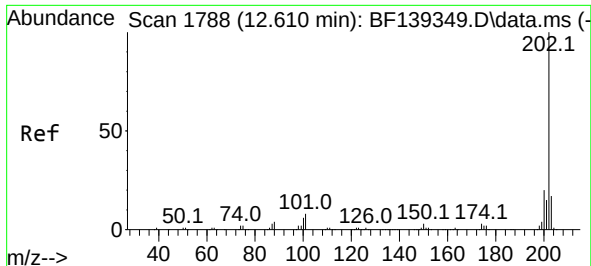
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.5 4.3 6.5

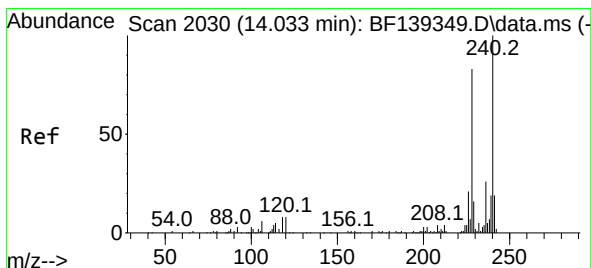
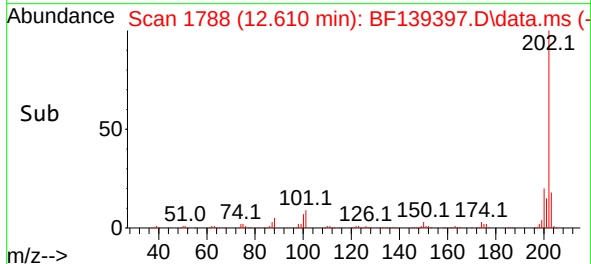
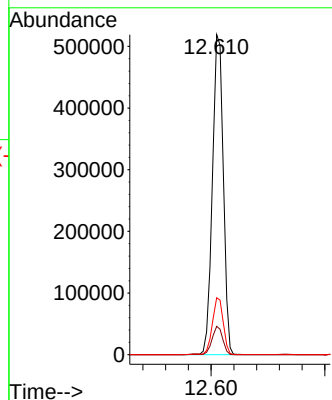
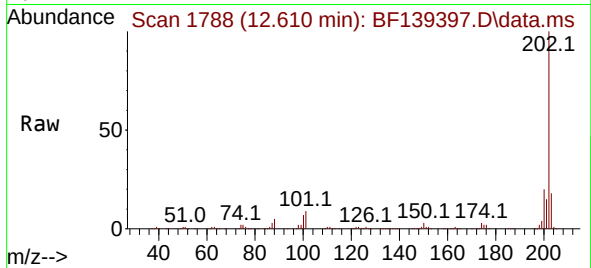




#75
Fluoranthene
Concen: 49.371 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

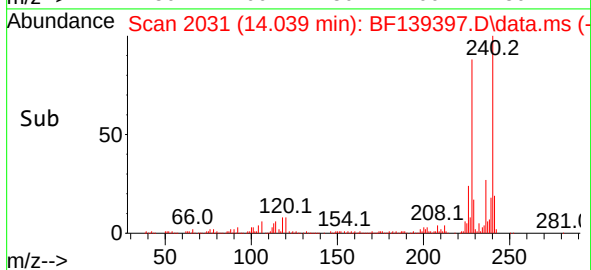
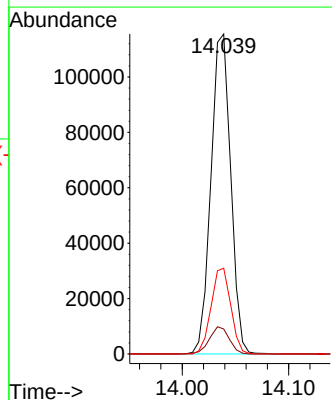
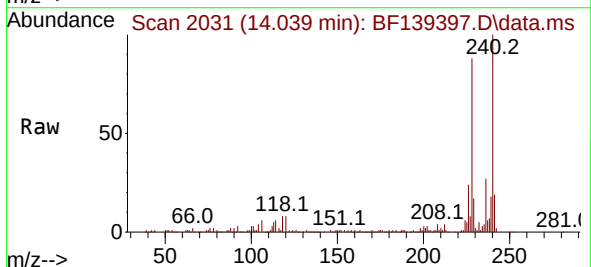
Instrument :
BNA_F
ClientSampleId :
PB163414BS

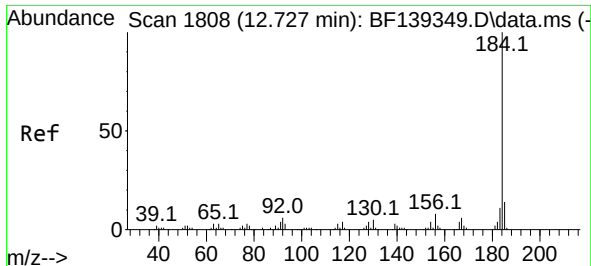
Tgt Ion:202 Resp: 686722
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.7
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

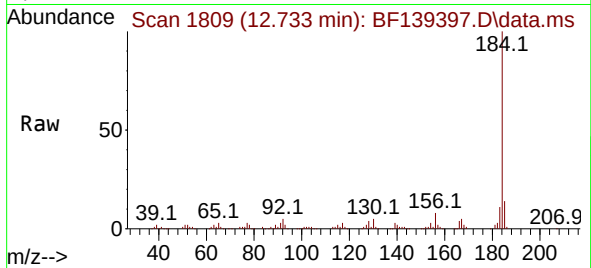
Tgt Ion:240 Resp: 148691
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.2
236 26.8 20.9 31.3



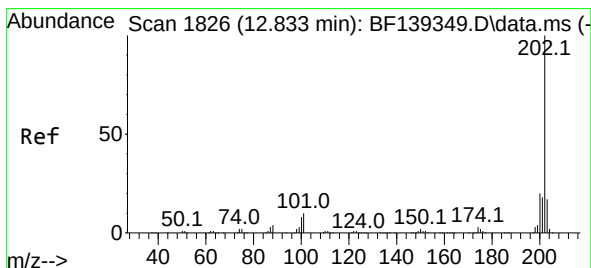
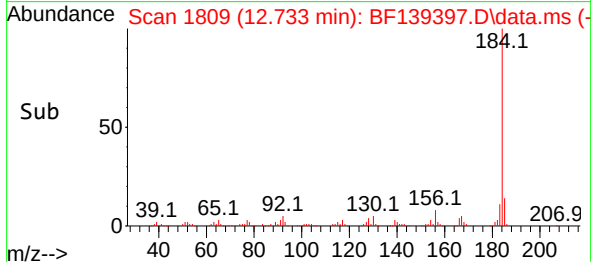
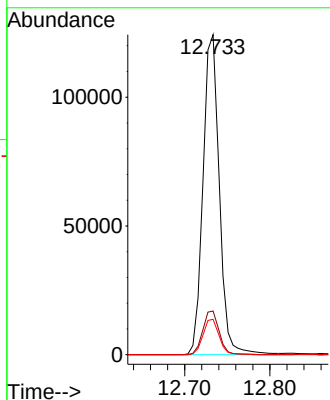


#77
Benzidine
Concen: 77.588 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB163414BS

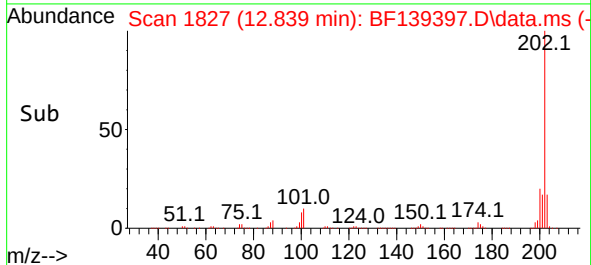
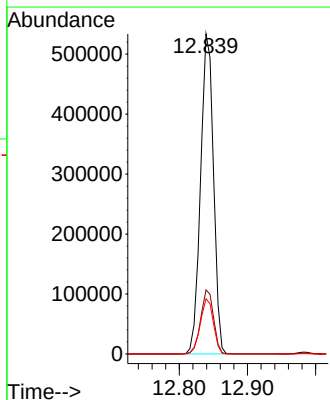
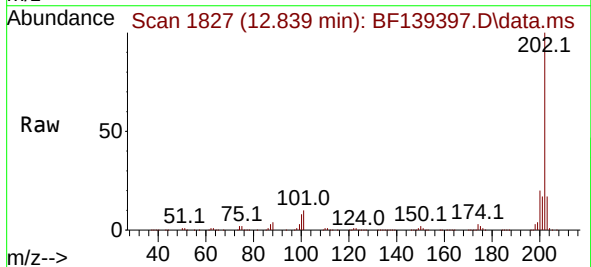


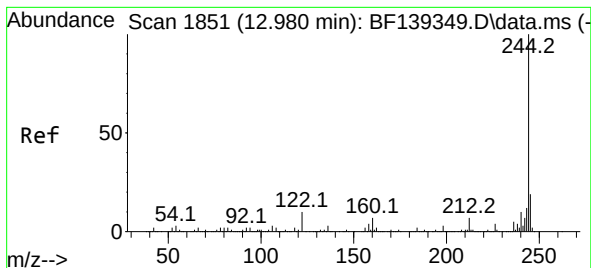
Tgt Ion:184 Resp: 165286
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 11.0 8.9 13.3



#78
Pyrene
Concen: 55.069 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:202 Resp: 703072
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 111.103 ng

RT: 12.986 min Scan# 1851

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

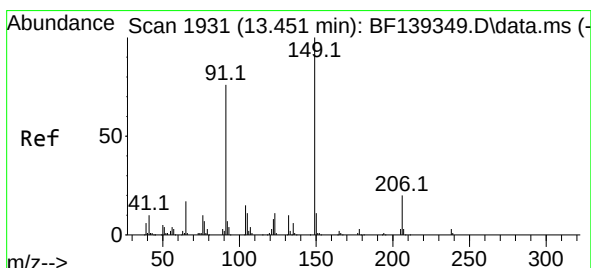
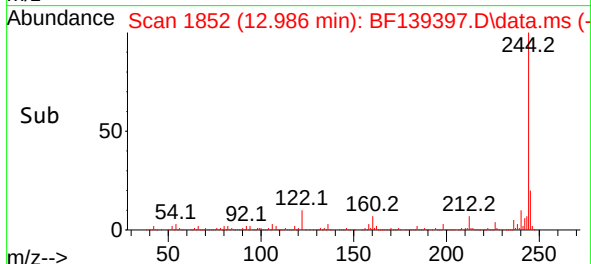
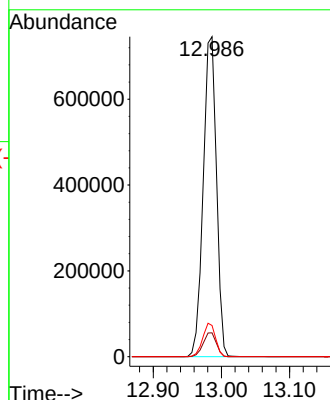
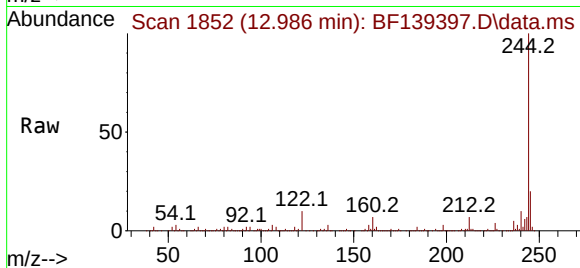
Tgt Ion:244 Resp: 1006463

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 9.8 7.6 11.4



#80

Butylbenzylphthalate

Concen: 61.137 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

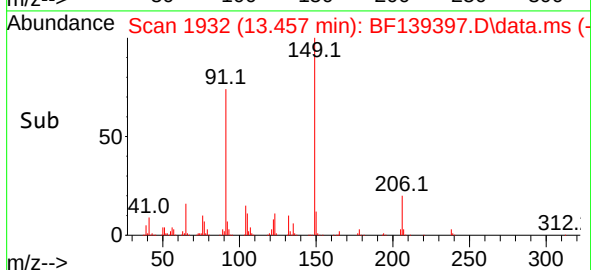
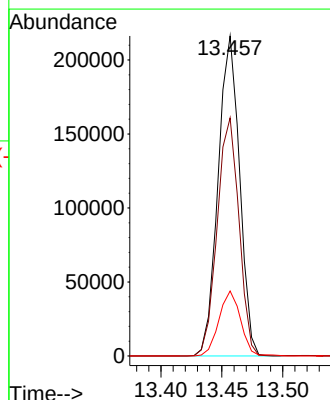
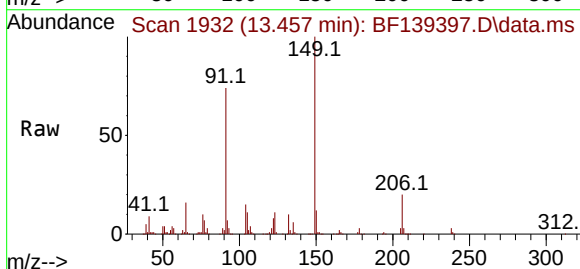
Tgt Ion:149 Resp: 265682

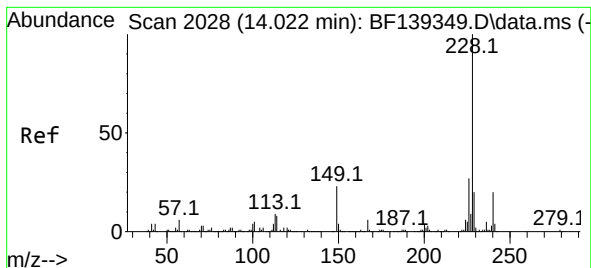
Ion Ratio Lower Upper

149 100

91 74.4 60.9 91.3

206 20.3 15.8 23.8





#81

Benzo(a)anthracene

Concen: 50.336 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

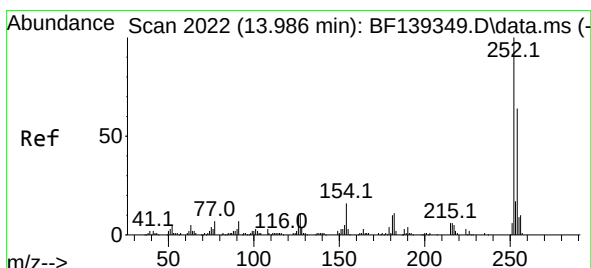
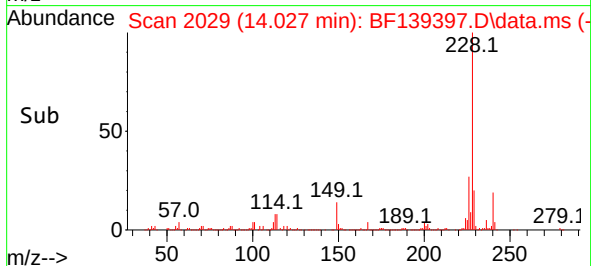
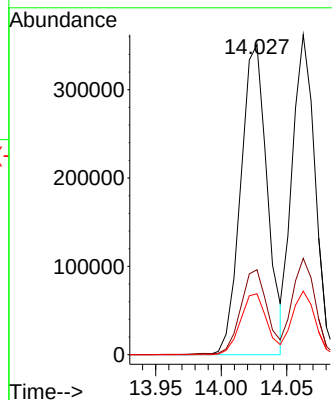
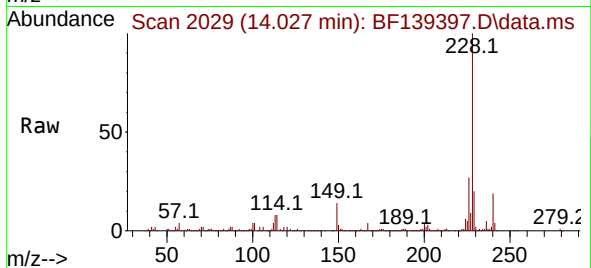
Tgt Ion:228 Resp: 495776

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 30.604 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

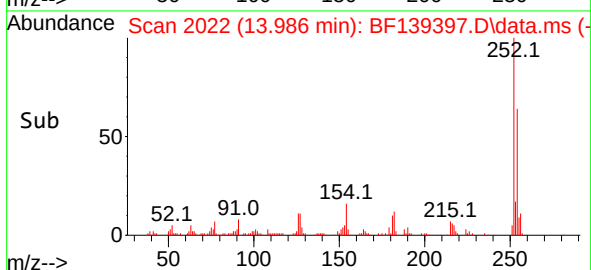
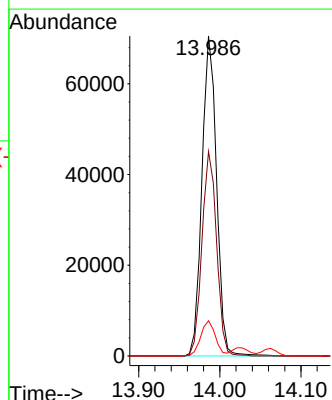
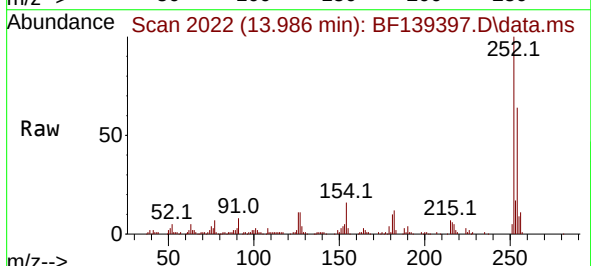
Tgt Ion:252 Resp: 88273

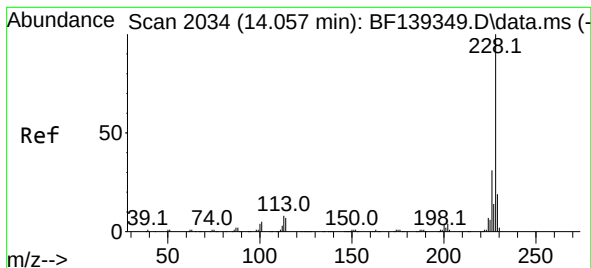
Ion Ratio Lower Upper

252 100

254 63.9 51.4 77.2

126 11.0 7.7 11.5





#83

Chrysene

Concen: 48.193 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

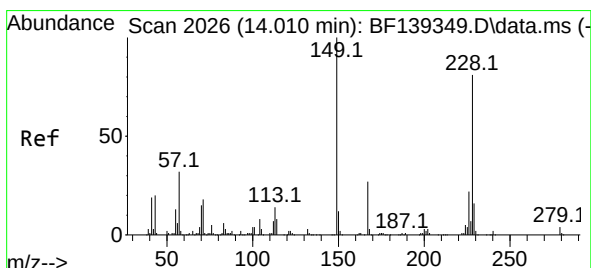
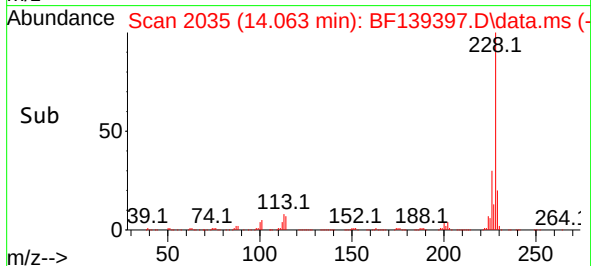
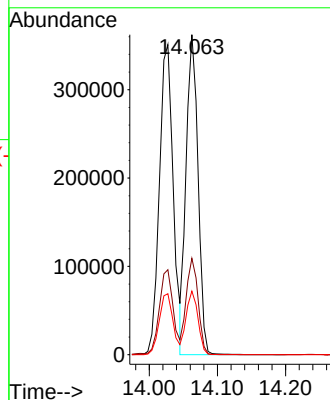
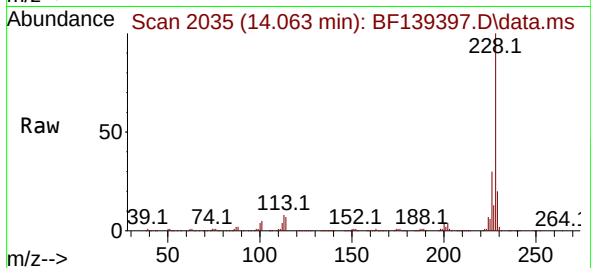
Tgt Ion:228 Resp: 436691

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.9 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.916 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

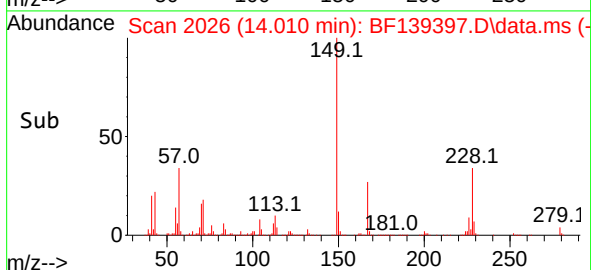
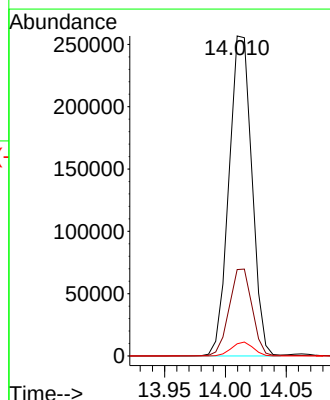
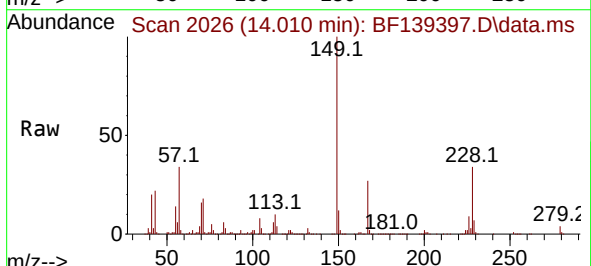
Tgt Ion:149 Resp: 336757

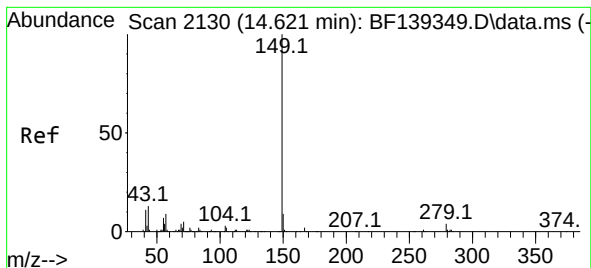
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 54.039 ng

RT: 14.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

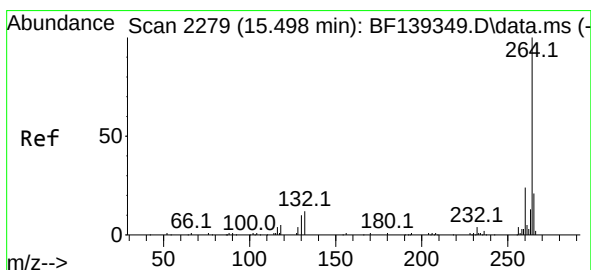
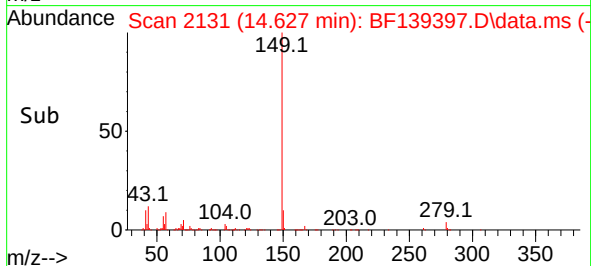
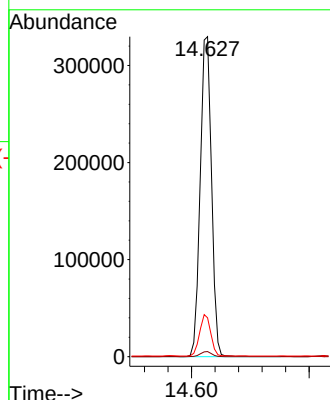
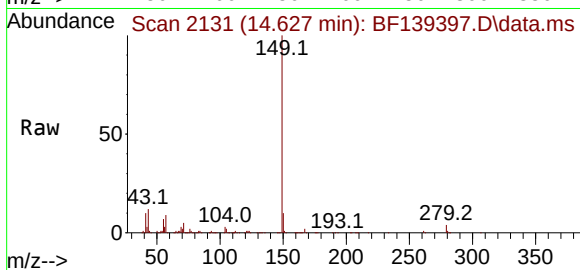
Tgt Ion:149 Resp: 439958

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.7 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: BF139397.D

Acq: 17 Sep 2024 12:34

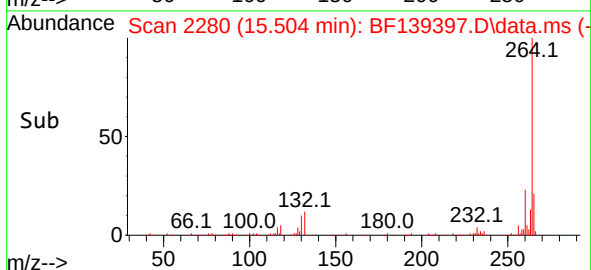
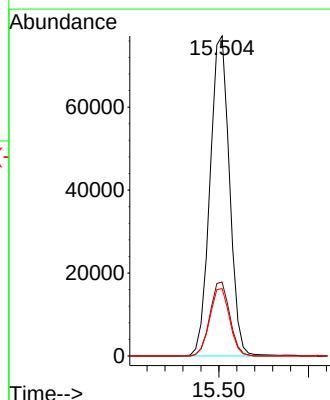
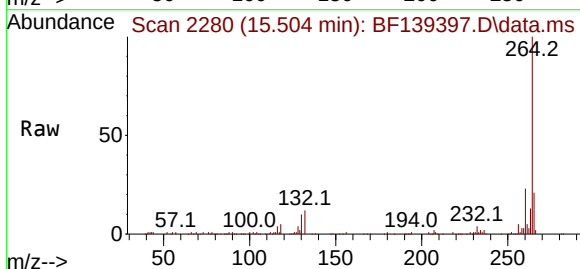
Tgt Ion:264 Resp: 116282

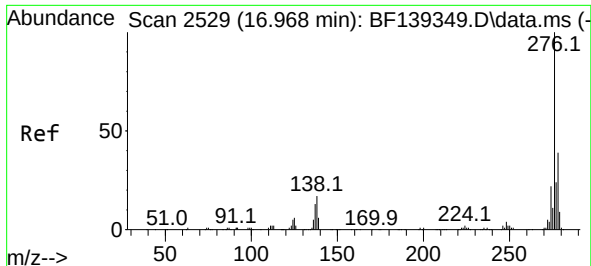
Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.1 16.6 25.0

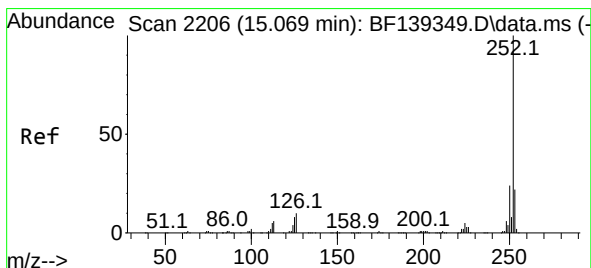
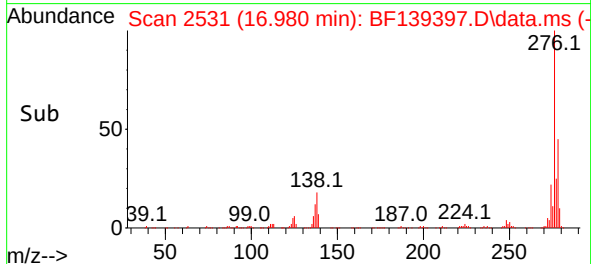
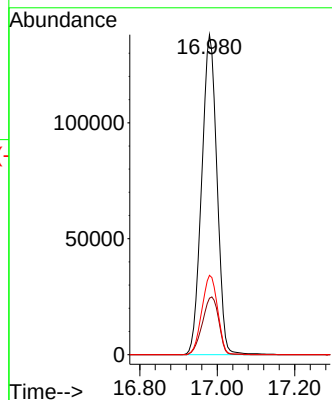
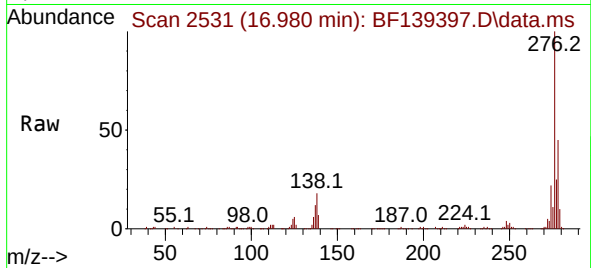




#87
Indeno(1,2,3-cd)pyrene
Concen: 54.619 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

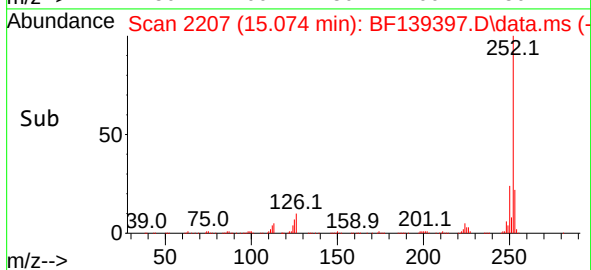
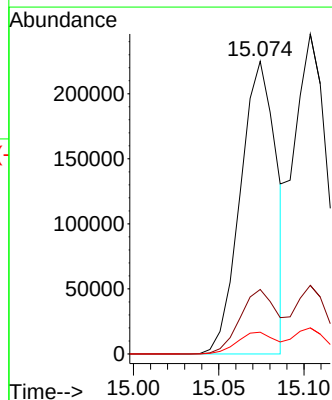
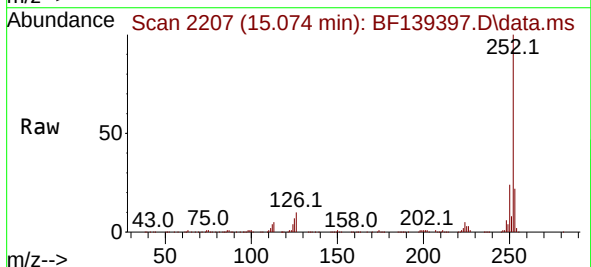
Instrument :
BNA_F
ClientSampleId :
PB163414BS

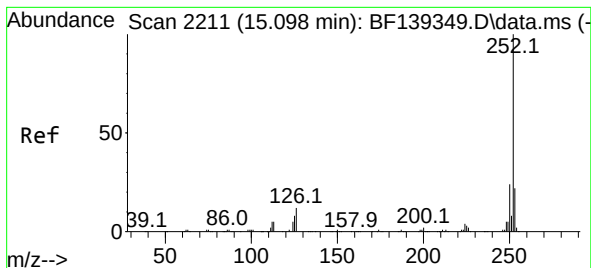
Tgt Ion:276 Resp: 377660
Ion Ratio Lower Upper
276 100
138 19.3 15.4 23.2
277 25.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 46.113 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:252 Resp: 330703
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.4 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 50.679 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

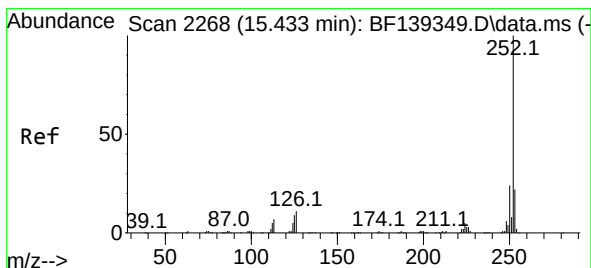
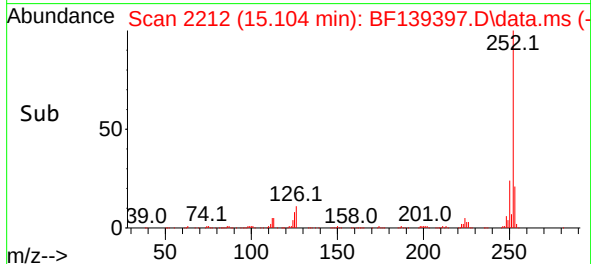
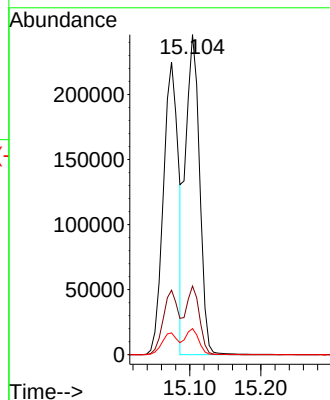
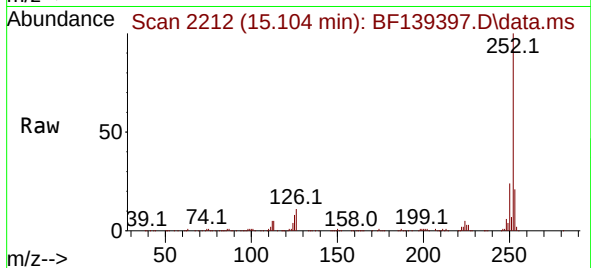
Tgt Ion:252 Resp: 335108

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 8.2 5.9 8.9



#90

Benzo(a)pyrene

Concen: 52.668 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

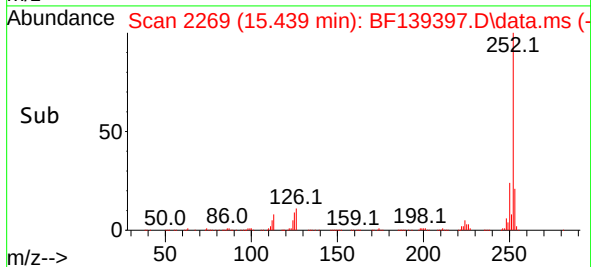
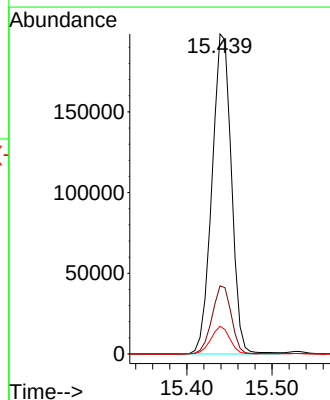
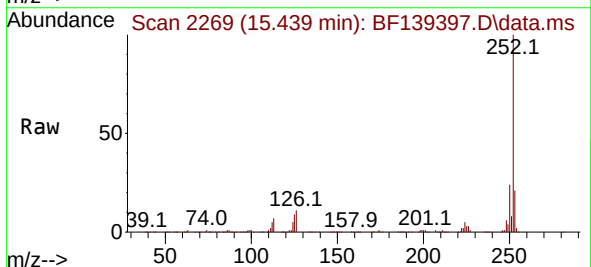
Tgt Ion:252 Resp: 313256

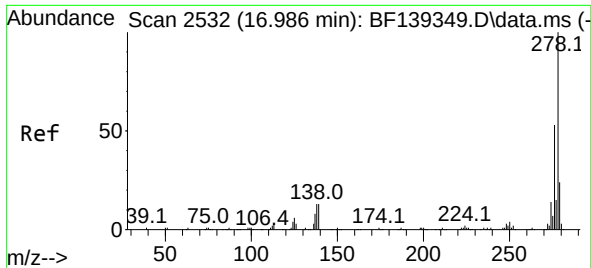
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 8.6 6.8 10.2

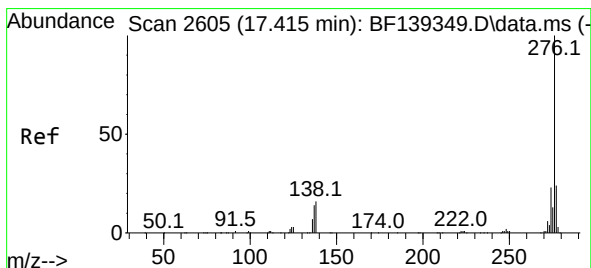
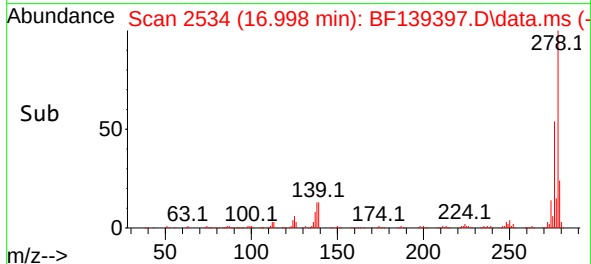
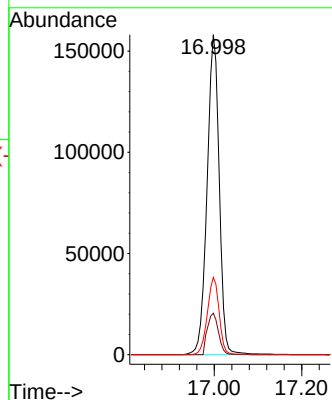
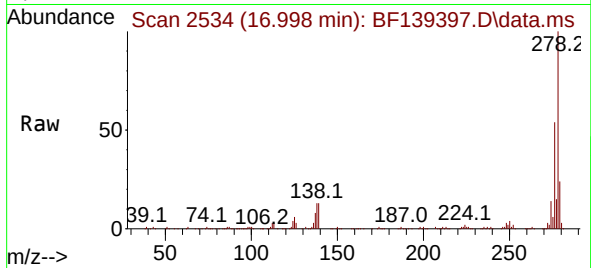




#91
Dibenzo(a,h)anthracene
Concen: 53.647 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB163414BS

Tgt Ion:278 Resp: 306515
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.2
279 24.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 50.147 ng
RT: 17.427 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:276 Resp: 283693
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 16.3 13.0 19.6

