

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137228.D
 Acq On : 01 Feb 2024 13:17
 Operator : CG\JU
 Sample : PB158741BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158741BSD

Quant Time: Feb 01 13:38:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	63166	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	248660	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	150570	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	299362	20.000	ng	0.00
76) Chrysene-d12	13.974	240	163800	20.000	ng	0.00
86) Perylene-d12	15.457	264	158882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	538079	140.562	ng	0.03
7) Phenol-d6	6.439	99	724605	132.638	ng	0.01
23) Nitrobenzene-d5	7.363	82	485965	87.499	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	234513	137.911	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	873759	79.772	ng	0.00
79) Terphenyl-d14	12.921	244	1056330	87.669	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	67081	32.750	ng	97
3) Pyridine	3.416	79	154522	37.941	ng	97
4) n-Nitrosodimethylamine	3.387	42	88791	43.226	ng	95
6) Aniline	6.463	93	175357	29.985	ng	94
8) 2-Chlorophenol	6.581	128	196618	45.936	ng	98
9) Benzaldehyde	6.351	77	42948	20.643	ng	96
10) Phenol	6.451	94	269750	44.236	ng	99
11) bis(2-Chloroethyl)ether	6.539	93	182446	44.770	ng	96
12) 1,3-Dichlorobenzene	6.739	146	211442	42.133	ng	97
13) 1,4-Dichlorobenzene	6.816	146	210481	40.555	ng	98
14) 1,2-Dichlorobenzene	6.963	146	204523	42.147	ng	99
15) Benzyl Alcohol	6.939	79	195171	50.287	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.069	45	293721	40.011	ng	99
17) 2-Methylphenol	7.051	107	166322	46.512	ng	99
18) Hexachloroethane	7.304	117	78991	42.199	ng	94
19) n-Nitroso-di-n-propyla...	7.216	70	160277	42.789	ng	97
20) 3+4-Methylphenols	7.204	107	211221	46.660	ng	97
22) Acetophenone	7.204	105	296489	44.290	ng	96
24) Nitrobenzene	7.381	77	237229	44.008	ng	96
25) Isophorone	7.616	82	436391	42.568	ng	99
26) 2-Nitrophenol	7.692	139	98888	47.415	ng	91
27) 2,4-Dimethylphenol	7.734	122	140288	47.877	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	242122	44.475	ng	99
29) 2,4-Dichlorophenol	7.934	162	171321	47.131	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	192347	42.600	ng	99
31) Naphthalene	8.098	128	574122	42.708	ng	99
32) Benzoic acid	7.869	122	111964	53.034	ng	97
33) 4-Chloroaniline	8.145	127	50398	10.899	ng	98
34) Hexachlorobutadiene	8.216	225	127158	42.354	ng	96
35) Caprolactam	8.522	113	31166	27.573	ng	92
36) 4-Chloro-3-methylphenol	8.633	107	198337	46.196	ng	95
37) 2-Methylnaphthalene	8.786	142	387434	42.989	ng	99
38) 1-Methylnaphthalene	8.886	142	372257	44.471	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	211347	41.949	ng	98
41) Hexachlorocyclopentadiene	8.939	237	266061	110.876	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	134847	47.188	ng	97

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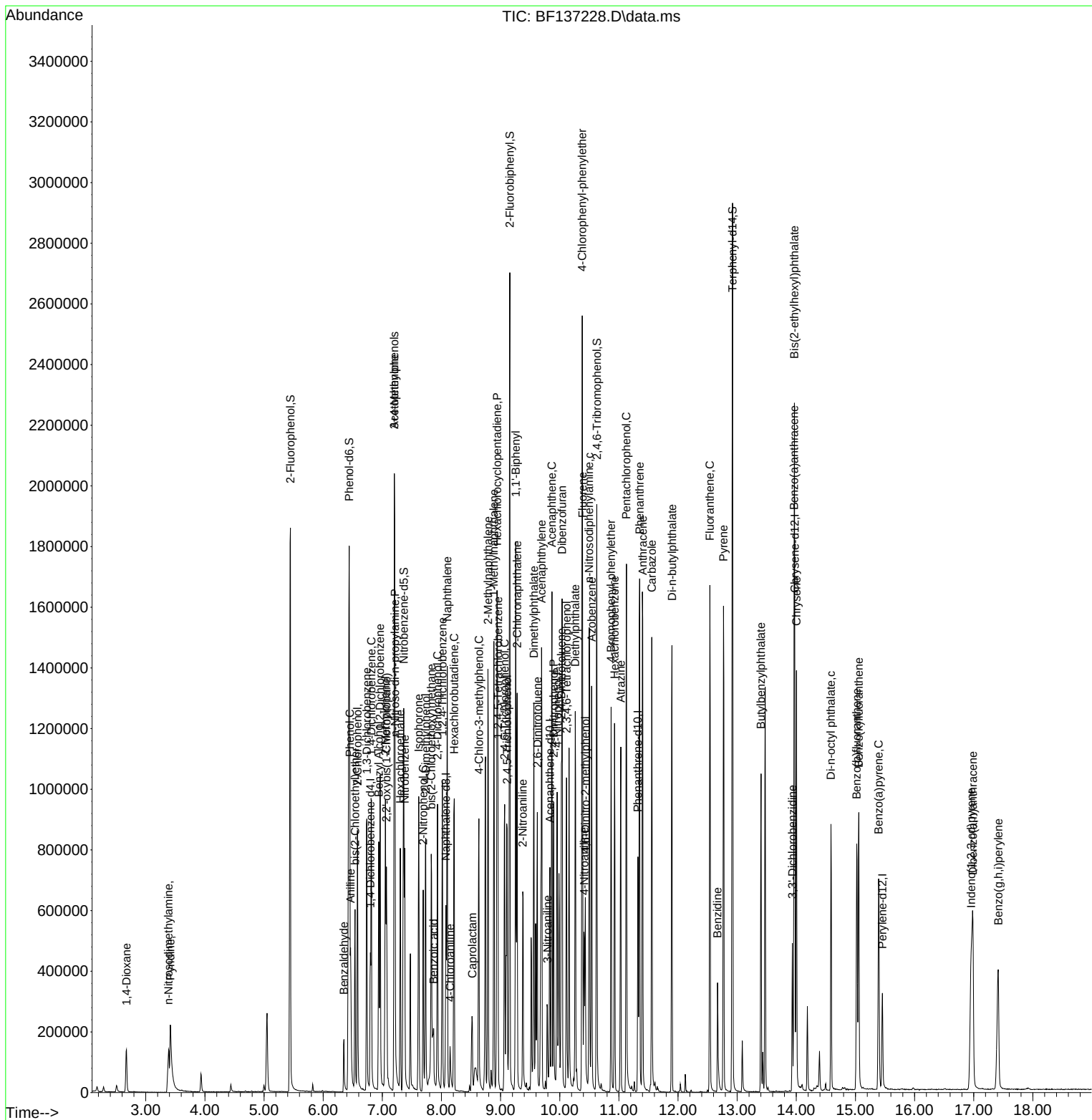
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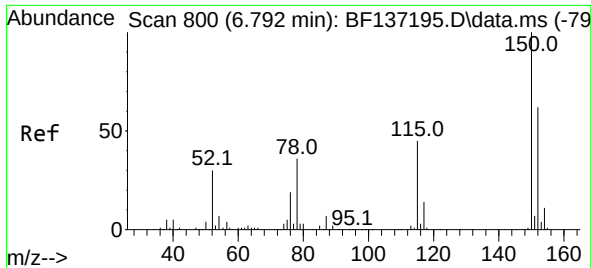
Quant Time: Feb 01 13:38:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	143357	45.895	ng	96
46) 1,1'-Biphenyl	9.257	154	506581	42.286	ng	98
47) 2-Chloronaphthalene	9.280	162	373844	42.167	ng	99
48) 2-Nitroaniline	9.375	65	138575	48.292	ng	94
49) Acenaphthylene	9.692	152	612111	43.127	ng	100
50) Dimethylphthalate	9.563	163	452686	44.503	ng	99
51) 2,6-Dinitrotoluene	9.622	165	105870	48.808	ng	90
52) Acenaphthene	9.869	154	358340	42.958	ng	99
53) 3-Nitroaniline	9.792	138	49700	25.461	ng	93
54) 2,4-Dinitrophenol	9.898	184	113203	111.857	ng	89
55) Dibenzofuran	10.039	168	576203	43.417	ng	100
56) 4-Nitrophenol	9.957	139	151692	116.168	ng	99
57) 2,4-Dinitrotoluene	10.027	165	139021	49.395	ng	92
58) Fluorene	10.386	166	453249	43.564	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	136187	46.858	ng	96
60) Diethylphthalate	10.263	149	460205	45.948	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	226097	43.720	ng	97
62) 4-Nitroaniline	10.416	138	86069	46.065	ng	91
63) Azobenzene	10.539	77	478555	43.142	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	80211	50.289	ng	86
66) n-Nitrosodiphenylamine	10.498	169	397021	43.617	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	146176	44.407	ng	95
68) Hexachlorobenzene	10.927	284	157360	42.799	ng	99
69) Atrazine	11.033	200	136671	45.484	ng	97
70) Pentachlorophenol	11.127	266	210838	100.033	ng	95
71) Phenanthrene	11.351	178	682412	43.543	ng	99
72) Anthracene	11.404	178	692409	42.388	ng	99
73) Carbazole	11.557	167	600723	44.004	ng	98
74) Di-n-butylphthalate	11.898	149	708325	48.000	ng	99
75) Fluoranthene	12.539	202	705197	43.002	ng	99
77) Benzidine	12.668	184	156773	53.450	ng	98
78) Pyrene	12.768	202	708312	44.997	ng	98
80) Butylbenzylphthalate	13.404	149	220206	54.685	ng	97
81) Benzo(a)anthracene	13.963	228	512653	44.192	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	106290	33.630	ng	99
83) Chrysene	14.004	228	500046	43.845	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	265669	56.708	ng	99
85) Di-n-octyl phthalate	14.586	149	417043	55.986	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	490189	43.914	ng	99
88) Benzo(b)fluoranthene	15.021	252	445032	45.546	ng	99
89) Benzo(k)fluoranthene	15.057	252	431040	41.700	ng	98
90) Benzo(a)pyrene	15.392	252	398255	43.311	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	404165	45.188	ng	98
92) Benzo(g,h,i)perylene	17.415	276	382050	43.521	ng	98

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

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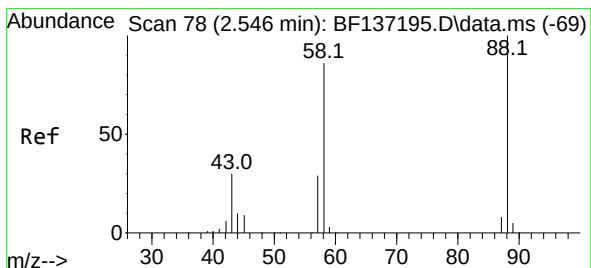
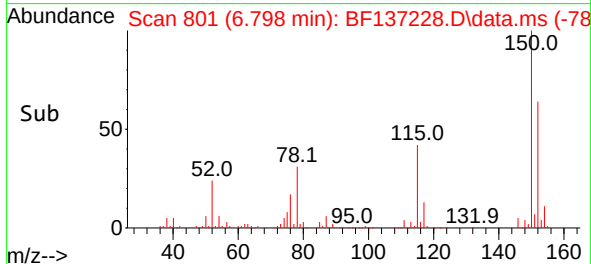
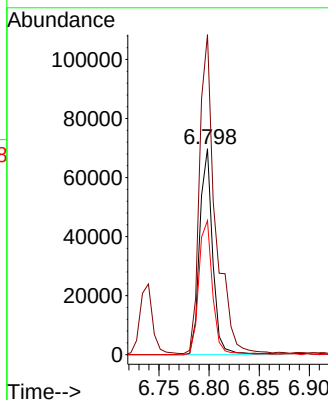
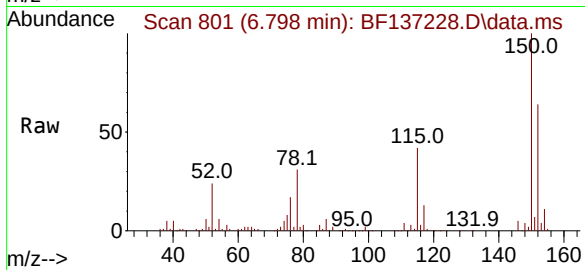




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

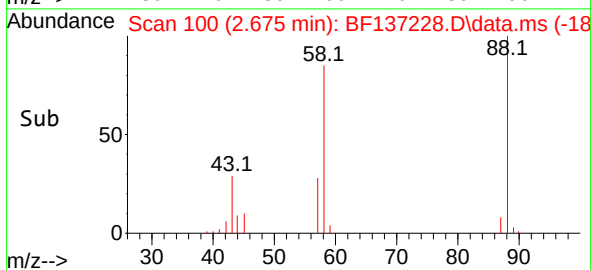
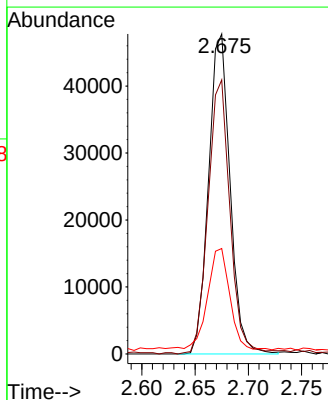
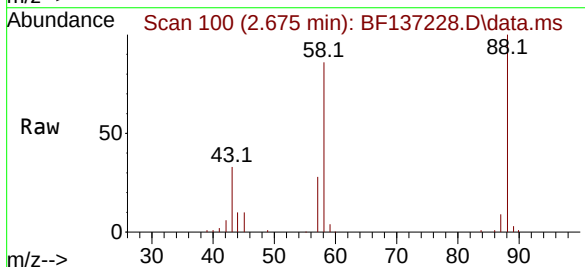
Instrument :
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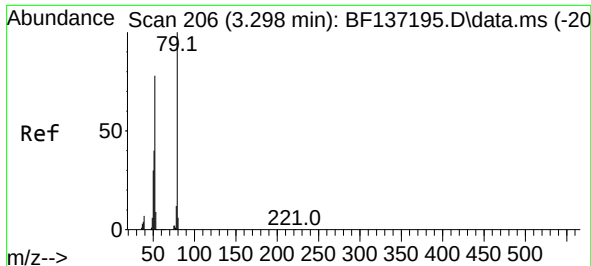
Tgt Ion:152 Resp: 63166
Ion Ratio Lower Upper
152 100
150 155.4 129.8 194.8
115 65.1 58.5 87.7



#2
1,4-Dioxane
Concen: 32.750 ng
RT: 2.675 min Scan# 100
Delta R.T. 0.129 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion: 88 Resp: 67081
Ion Ratio Lower Upper
88 100
58 88.1 67.8 101.8
43 34.9 26.6 40.0

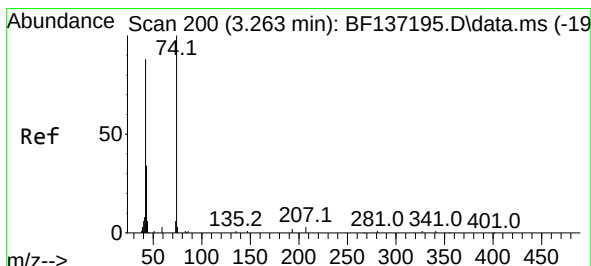
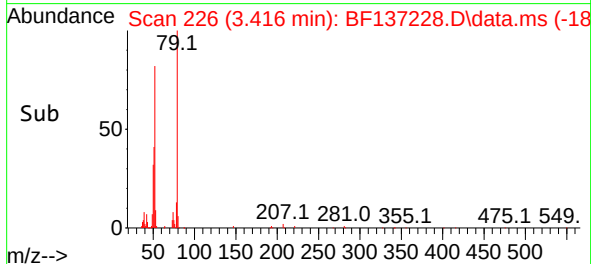
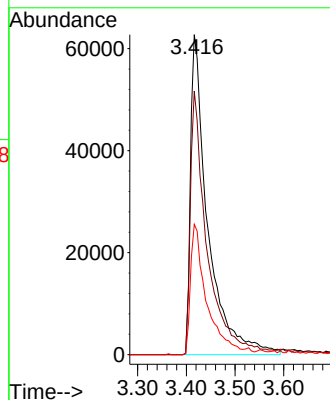
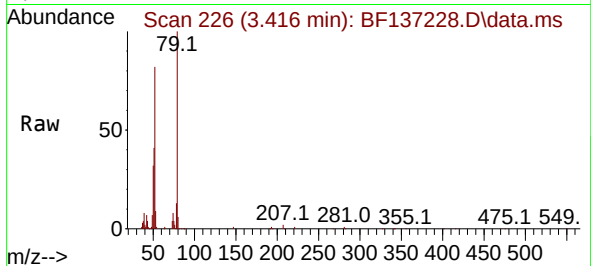




#3
Pyridine
Concen: 37.941 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.118 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

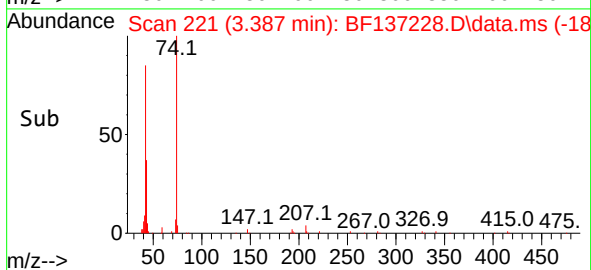
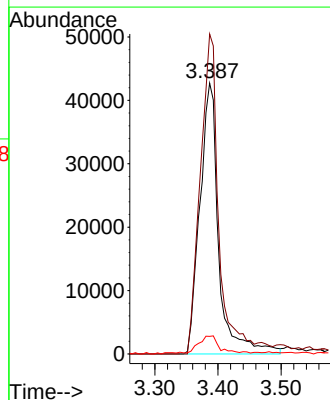
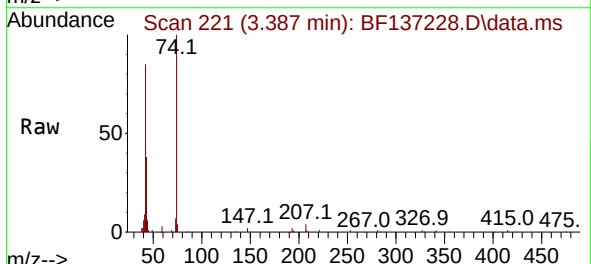
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

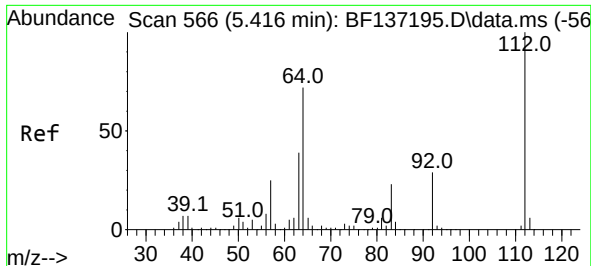
Tgt Ion: 79 Resp: 154522
Ion Ratio Lower Upper
79 100
52 82.4 62.6 94.0
51 40.7 33.0 49.4



#4
n-Nitrosodimethylamine
Concen: 43.226 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.124 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion: 42 Resp: 88791
Ion Ratio Lower Upper
42 100
74 118.1 90.5 135.7
44 6.5 6.1 9.1

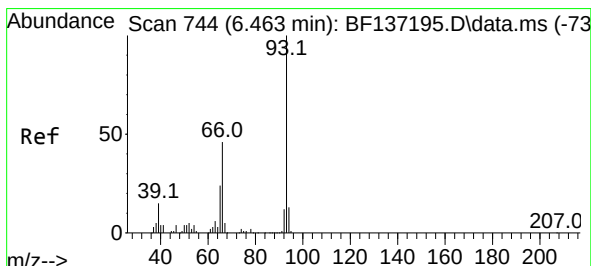
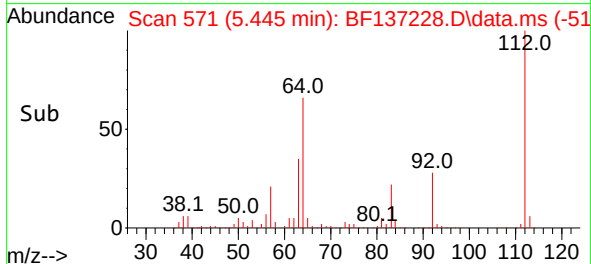
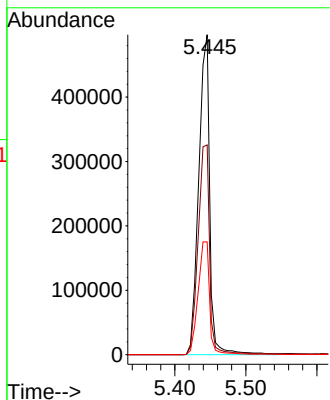
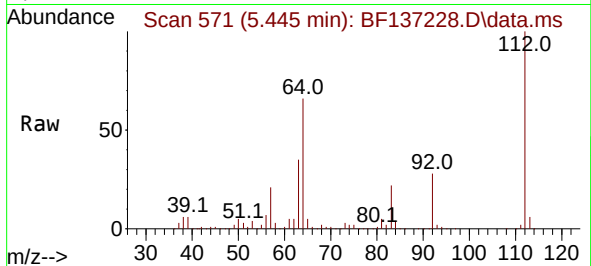




#5
2-Fluorophenol
Concen: 140.562 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

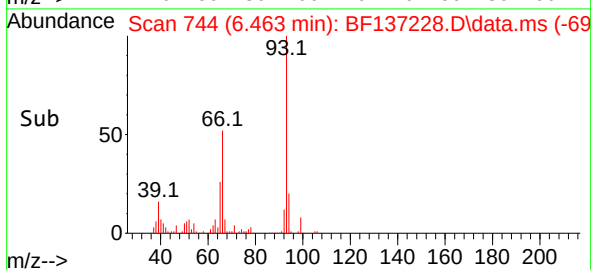
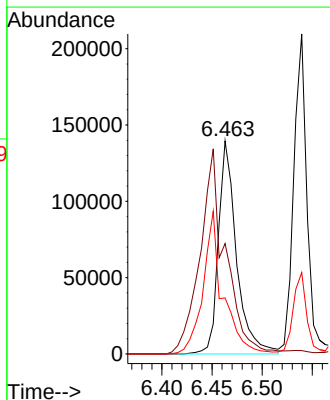
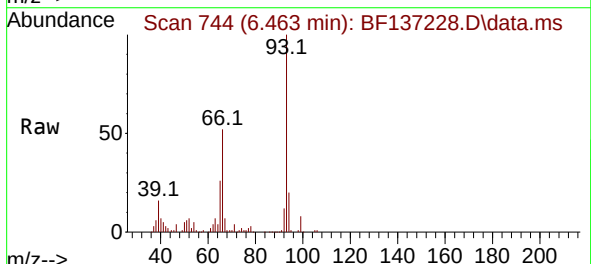
Instrument :
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ClientSampleId :
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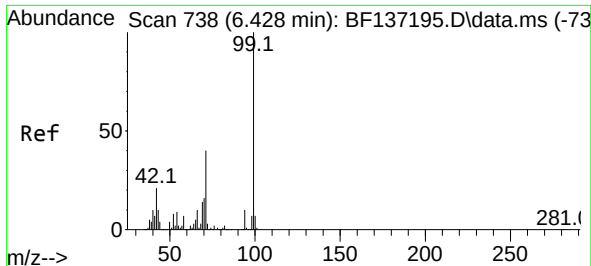
Tgt Ion:112 Resp: 538079
Ion Ratio Lower Upper
112 100
64 65.6 57.8 86.6
63 35.2 31.4 47.0



#6
Aniline
Concen: 29.985 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion: 93 Resp: 175357
Ion Ratio Lower Upper
93 100
66 51.9 37.9 56.9
65 26.3 19.0 28.4





#7

Phenol-d6

Concen: 132.638 ng

RT: 6.439 min Scan# 740

Delta R.T. 0.012 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

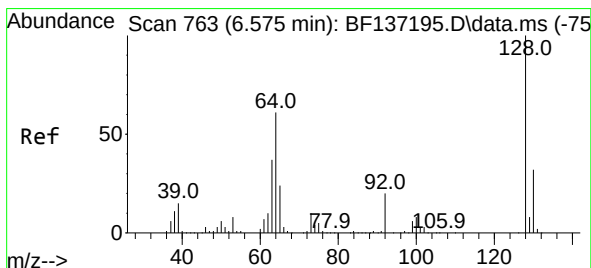
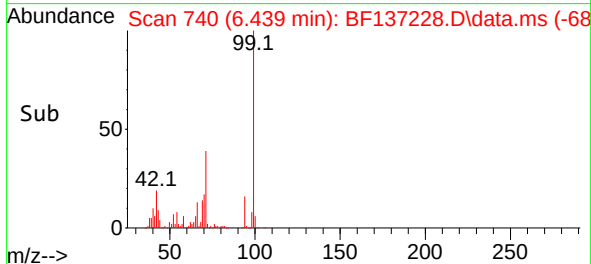
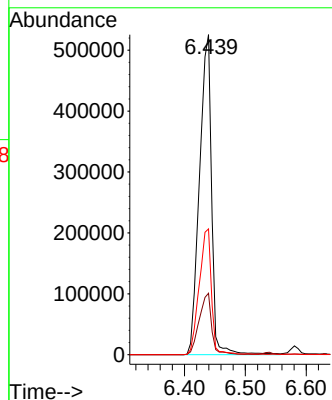
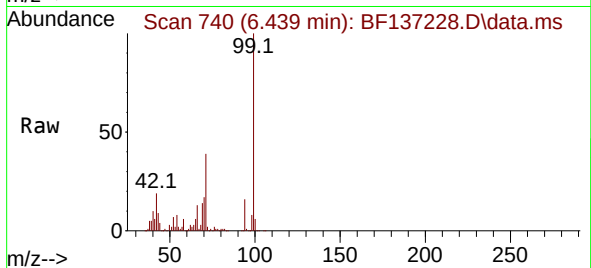
Tgt Ion: 99 Resp: 724605

Ion Ratio Lower Upper

99 100

42 19.2 16.4 24.6

71 39.3 32.4 48.6



#8

2-Chlorophenol

Concen: 45.936 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

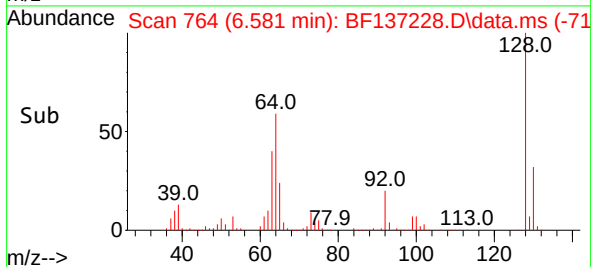
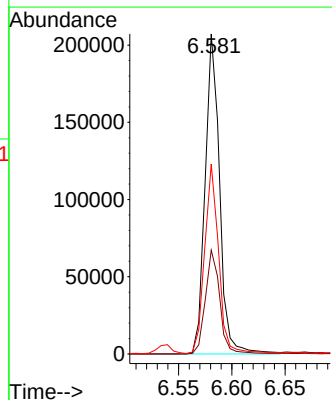
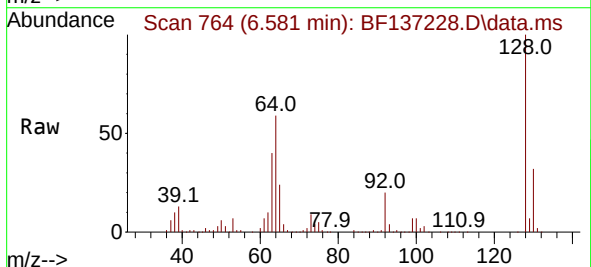
Tgt Ion: 128 Resp: 196618

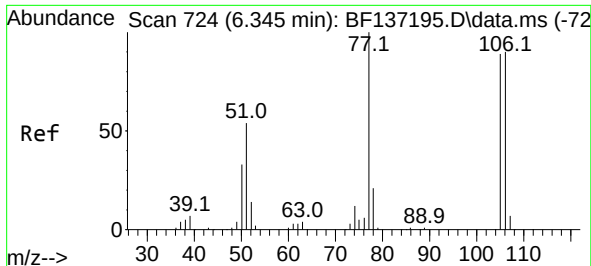
Ion Ratio Lower Upper

128 100

130 32.4 12.4 52.4

64 59.4 41.6 81.6





#9

Benzaldehyde

Concen: 20.643 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.006 min

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Acq: 01 Feb 2024 13:17

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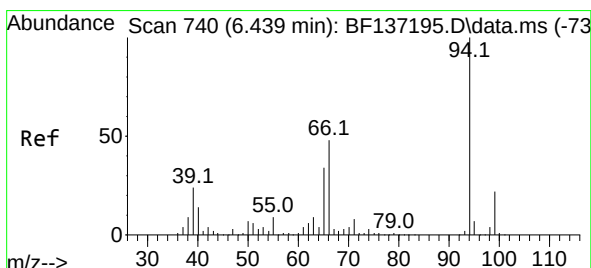
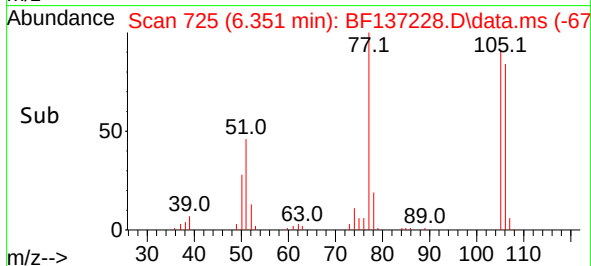
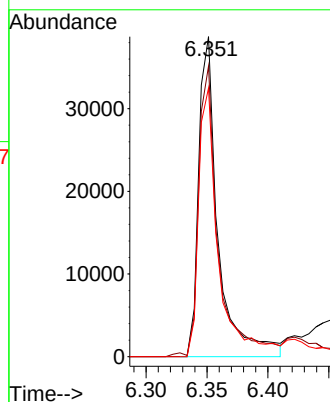
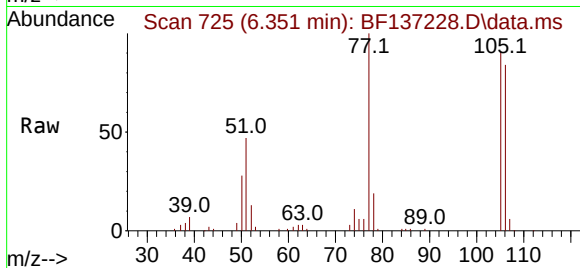
Tgt Ion: 77 Resp: 42948

Ion Ratio Lower Upper

77 100

105 90.8 69.1 109.1

106 84.0 69.6 109.6



#10

Phenol

Concen: 44.236 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.012 min

Lab File: BF137228.D

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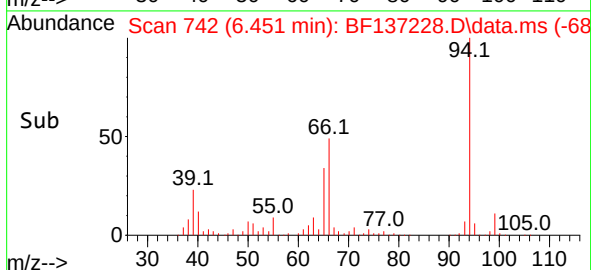
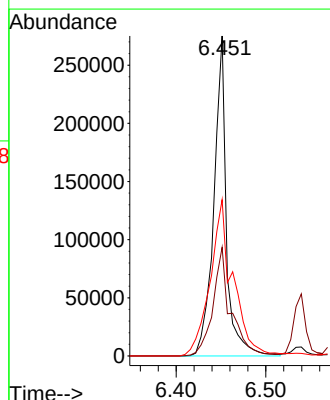
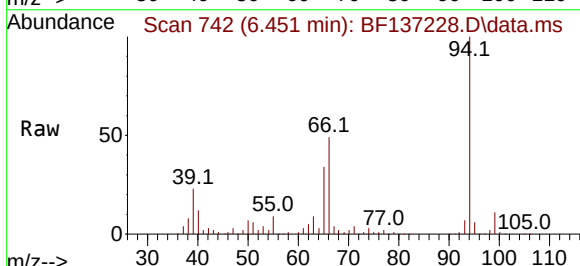
Tgt Ion: 94 Resp: 269750

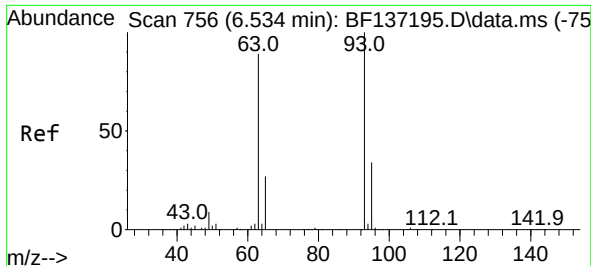
Ion Ratio Lower Upper

94 100

65 34.0 13.7 53.7

66 48.8 27.8 67.8

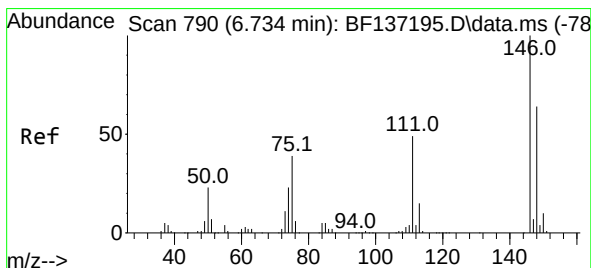
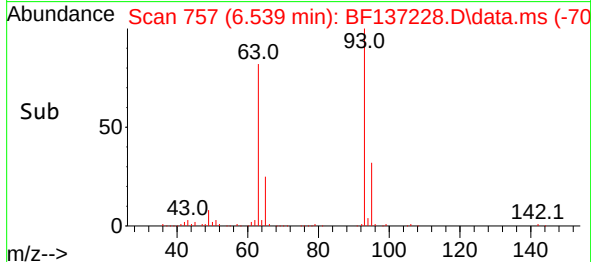
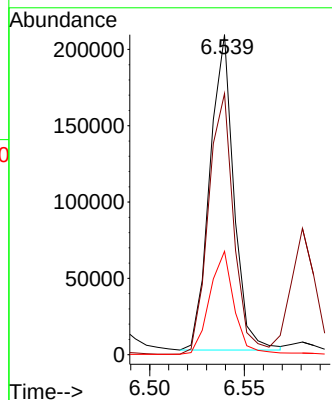
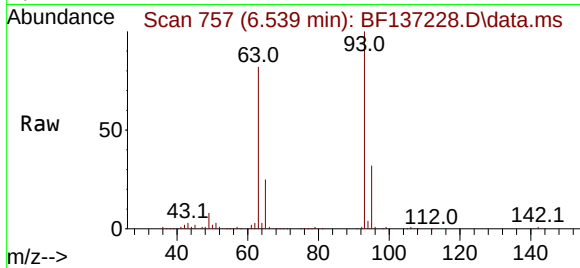




#11
bis(2-Chloroethyl)ether
Concen: 44.770 ng
RT: 6.539 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

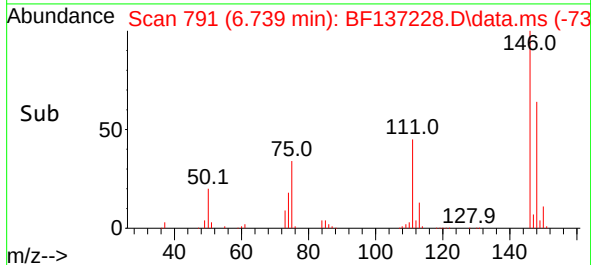
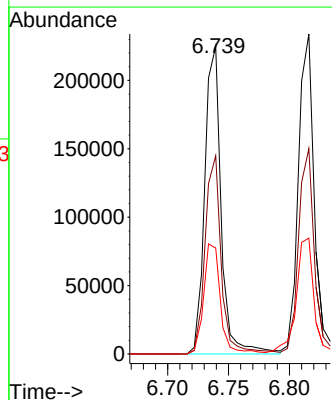
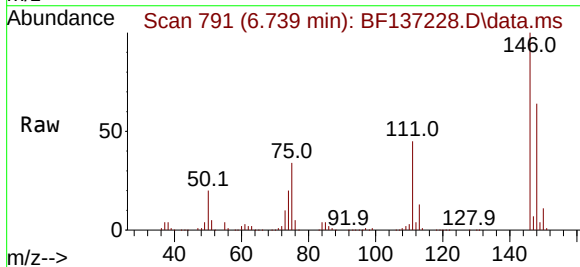
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

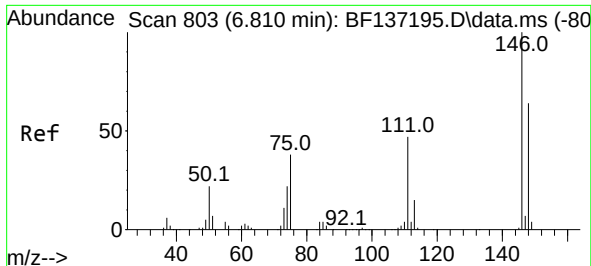
Tgt Ion: 93 Resp: 182446
Ion Ratio Lower Upper
93 100
63 81.6 66.7 106.7
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.133 ng
RT: 6.739 min Scan# 791
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:146 Resp: 211442
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
75 34.4 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 40.555 ng

RT: 6.816 min Scan# 803

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

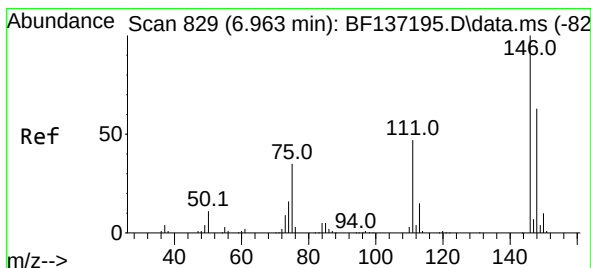
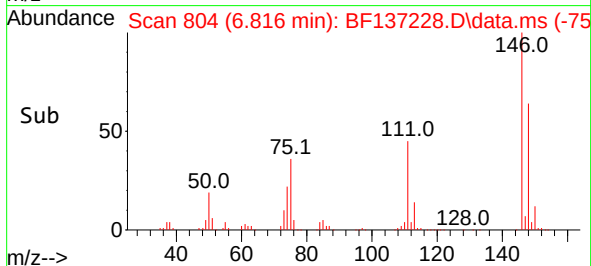
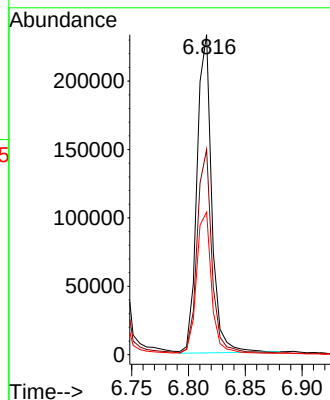
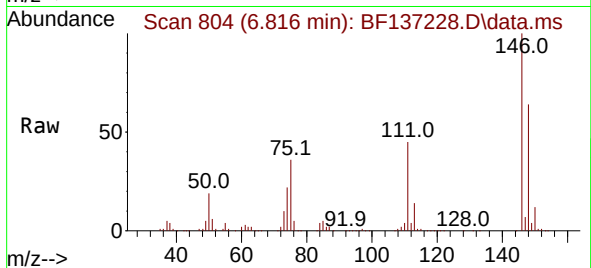
Tgt Ion:146 Resp: 210481

Ion Ratio Lower Upper

146 100

148 64.2 51.5 77.3

111 44.5 38.1 57.1



#14

1,2-Dichlorobenzene

Concen: 42.147 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

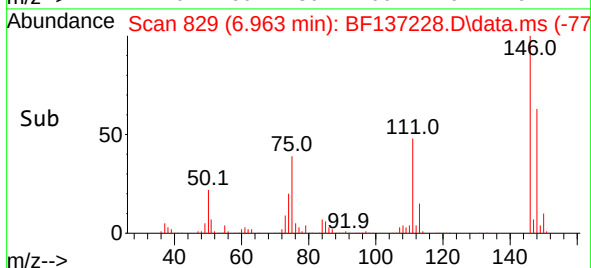
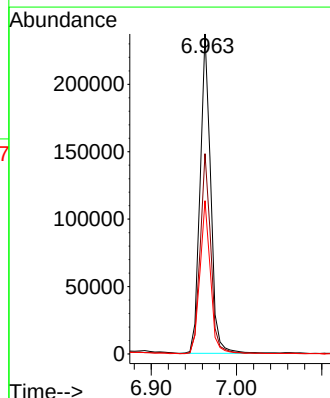
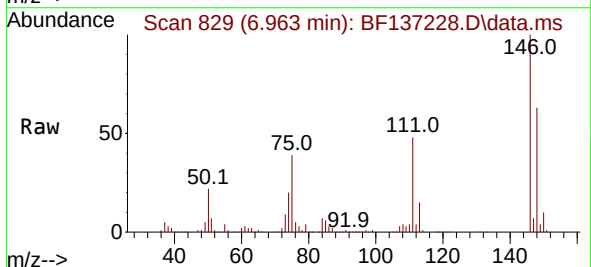
Tgt Ion:146 Resp: 204523

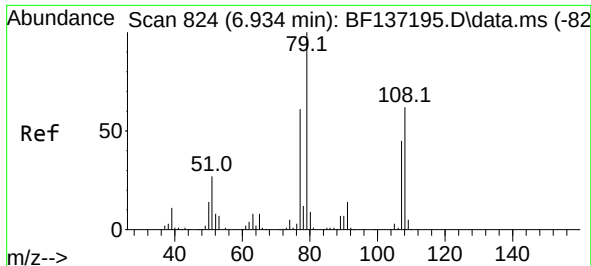
Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

111 47.9 37.3 55.9

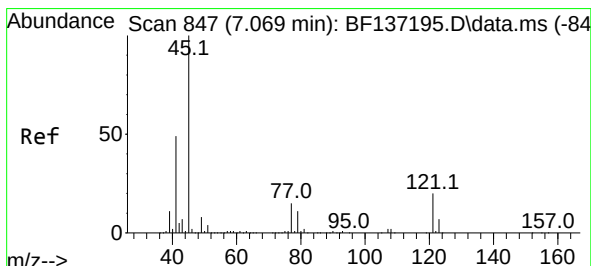
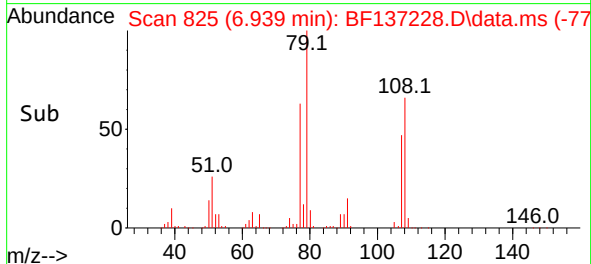
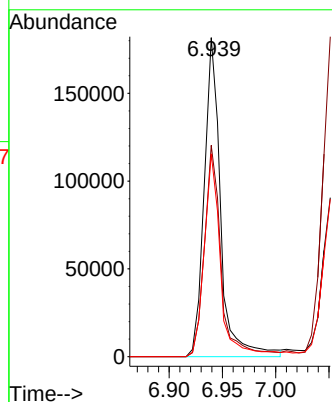
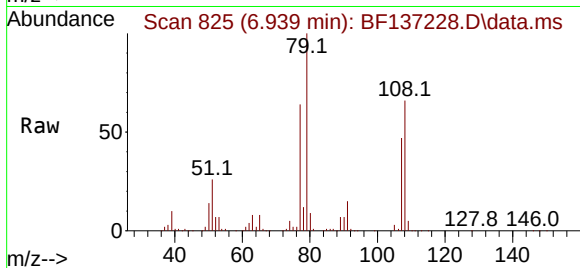




#15
Benzyl Alcohol
Concen: 50.287 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

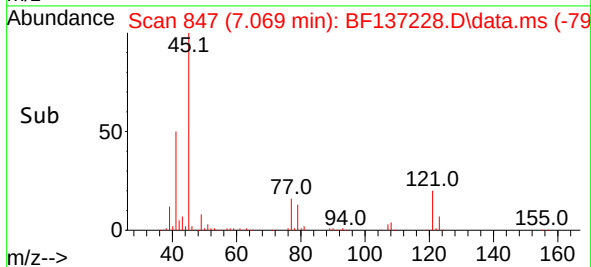
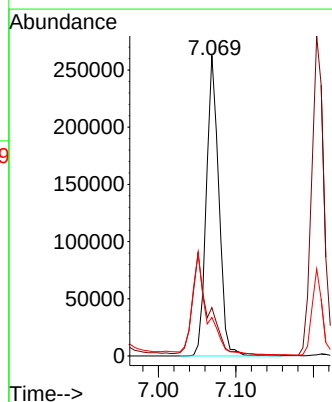
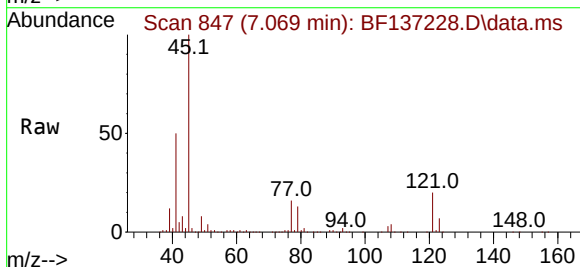
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

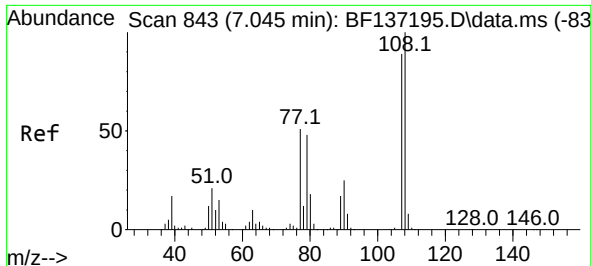
Tgt Ion: 79 Resp: 195171
Ion Ratio Lower Upper
79 100
108 66.3 49.3 73.9
77 63.6 48.8 73.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.011 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion: 45 Resp: 293721
Ion Ratio Lower Upper
45 100
77 16.1 0.0 35.9
79 12.8 0.0 32.4

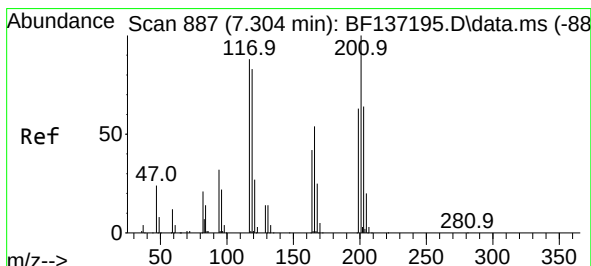
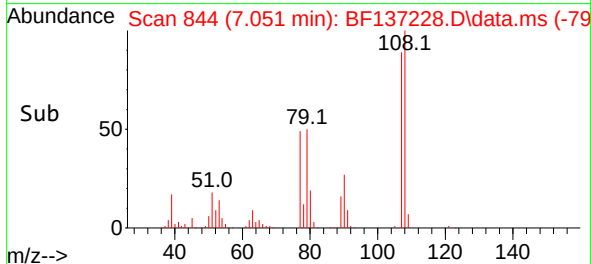
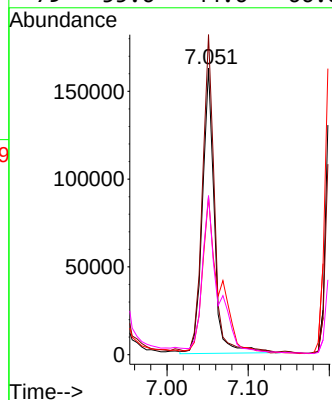
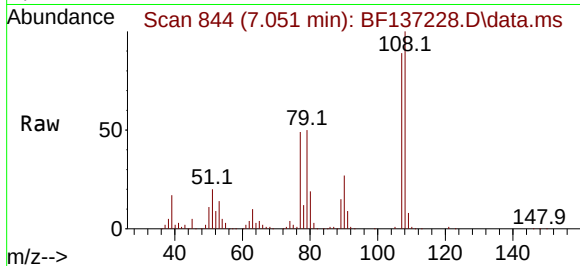




#17
2-Methylphenol
Concen: 46.512 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

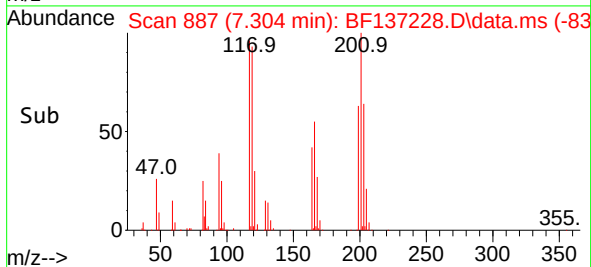
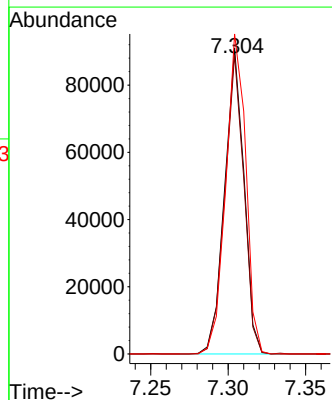
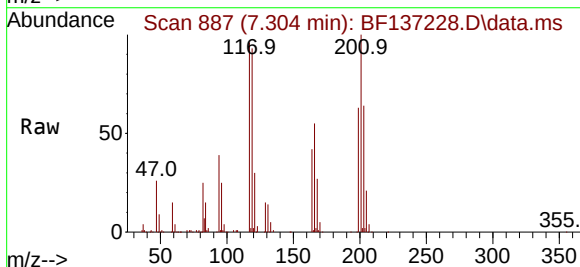
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

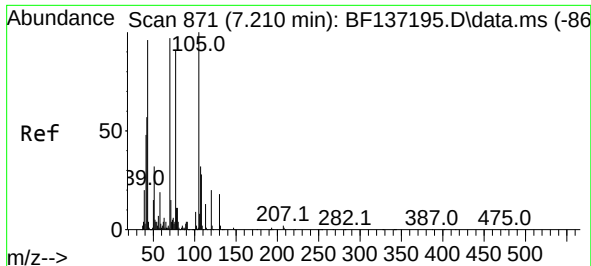
Tgt Ion:107 Resp: 166322
Ion Ratio Lower Upper
107 100
108 111.8 89.9 134.9
77 55.1 46.6 69.8
79 55.6 44.6 66.8



#18
Hexachloroethane
Concen: 42.199 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:117 Resp: 78991
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.4
201 104.6 91.4 137.0

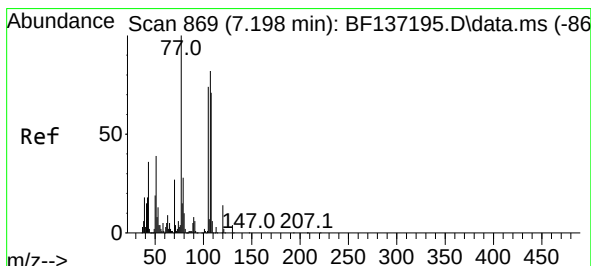
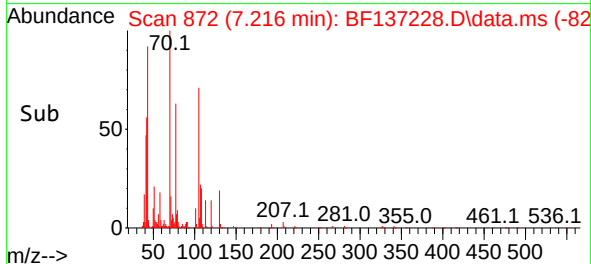
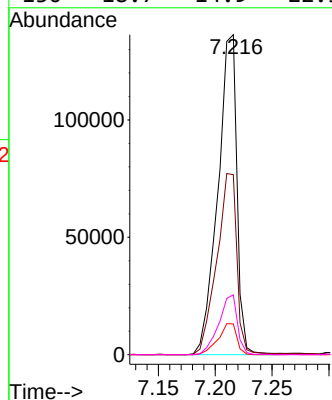
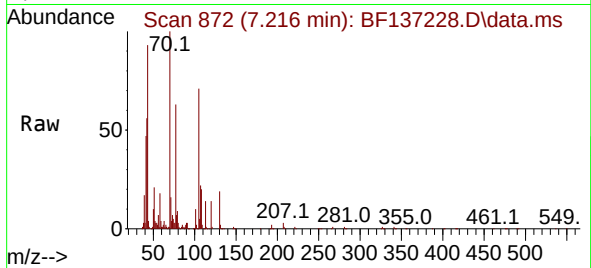




#19
n-Nitroso-di-n-propylamine
Concen: 42.789 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

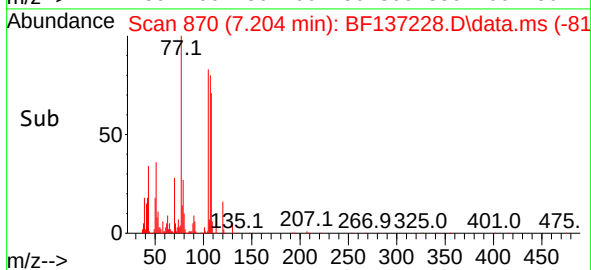
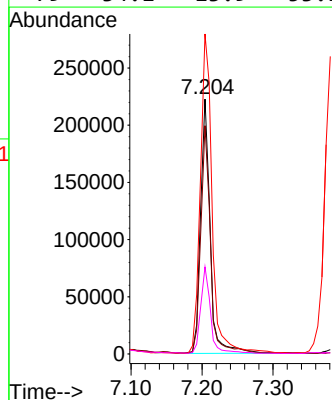
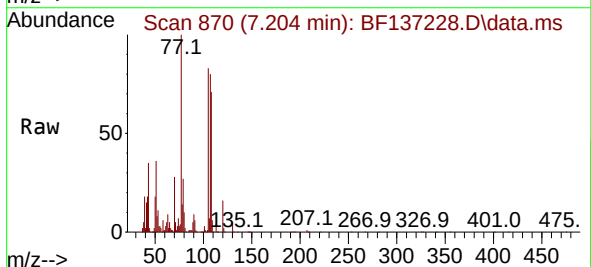
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

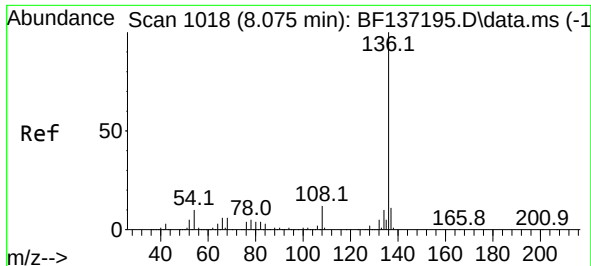
Tgt Ion: 70 Resp: 160277
Ion Ratio Lower Upper
70 100
42 56.2 47.2 70.8
101 9.6 7.4 11.0
130 18.7 14.9 22.3



#20
3+4-Methylphenols
Concen: 46.660 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

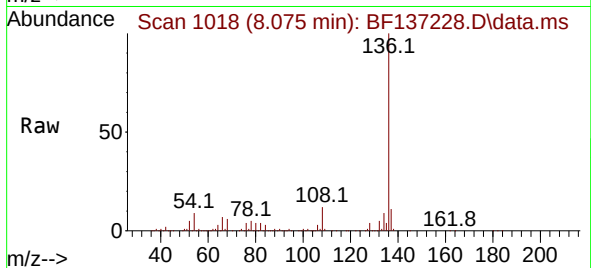
Tgt Ion: 107 Resp: 211221
Ion Ratio Lower Upper
107 100
108 89.6 66.3 106.3
77 125.6 101.4 141.4
79 34.1 13.9 53.9





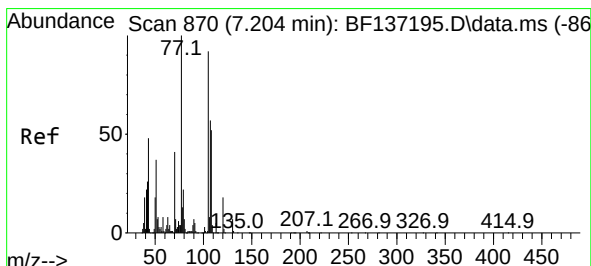
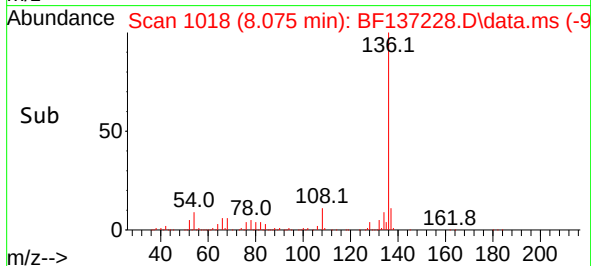
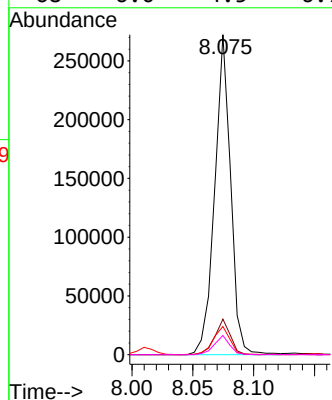
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB158741BSD



Tgt Ion:136 Resp: 248660

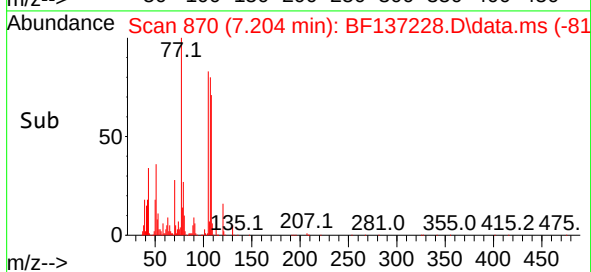
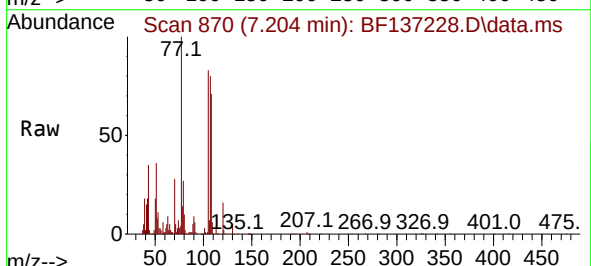
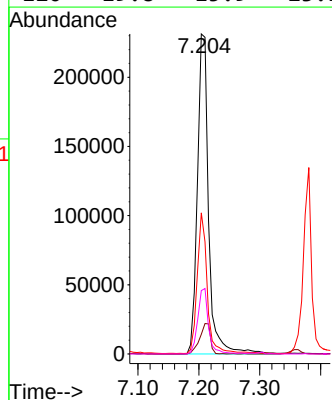
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.8	7.8	11.8
68	6.0	4.5	6.7

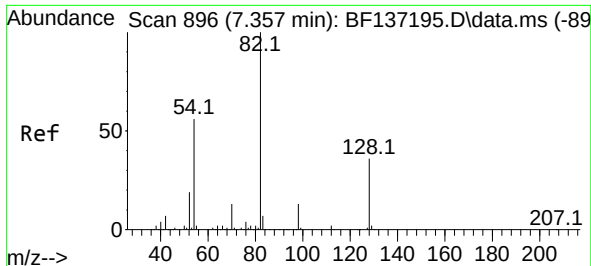


#22
Acetophenone
Concen: 44.290 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:105 Resp: 296489

Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.7	8.5
51	44.1	32.2	48.4
120	19.8	15.9	23.9





#23

Nitrobenzene-d5

Concen: 87.499 ng

RT: 7.363 min Scan# 896

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

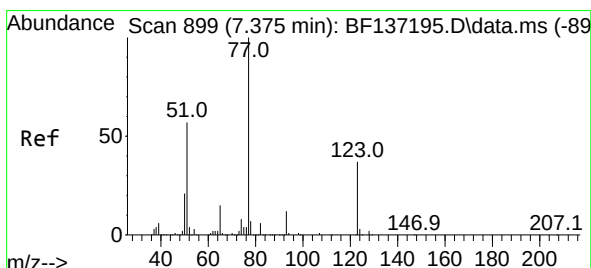
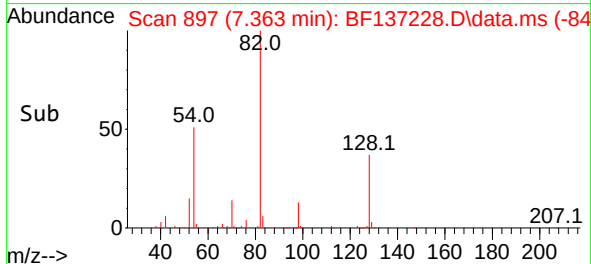
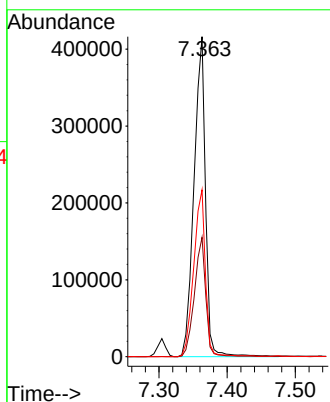
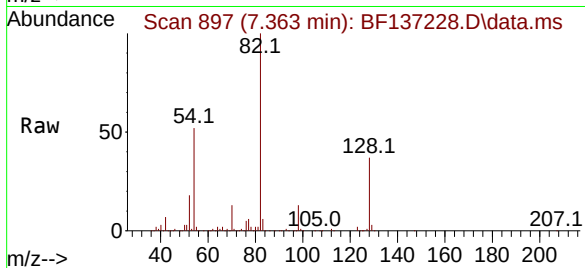
Tgt Ion: 82 Resp: 485965

Ion Ratio Lower Upper

82 100

128 37.3 29.1 43.7

54 52.2 45.0 67.6



#24

Nitrobenzene

Concen: 44.008 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

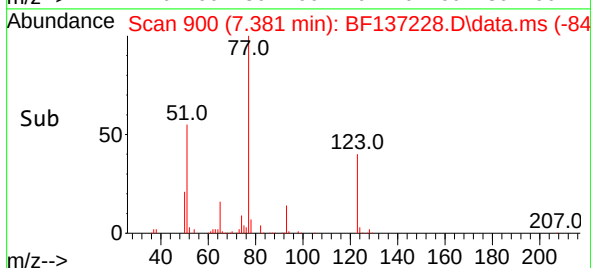
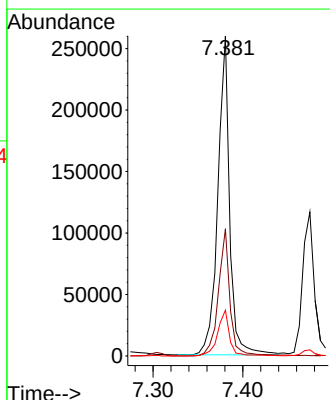
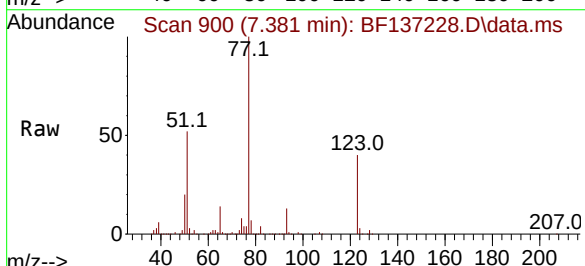
Tgt Ion: 77 Resp: 237229

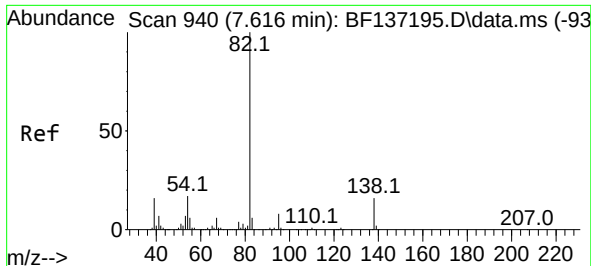
Ion Ratio Lower Upper

77 100

123 39.7 29.3 43.9

65 14.3 12.0 18.0

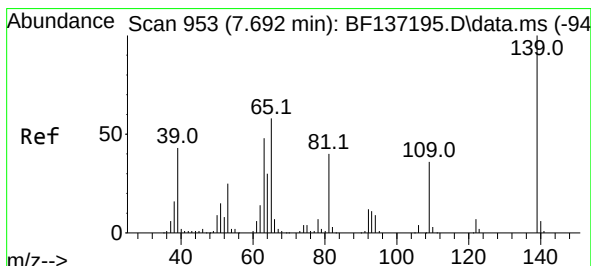
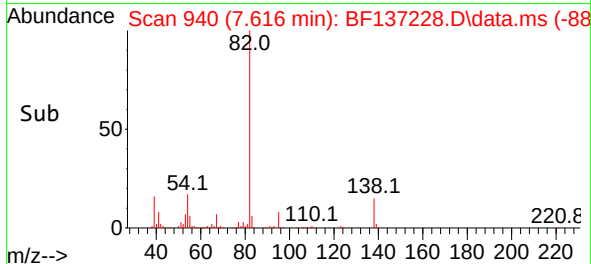
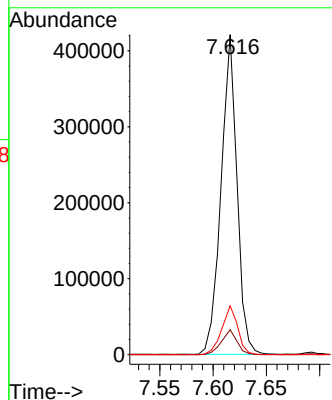
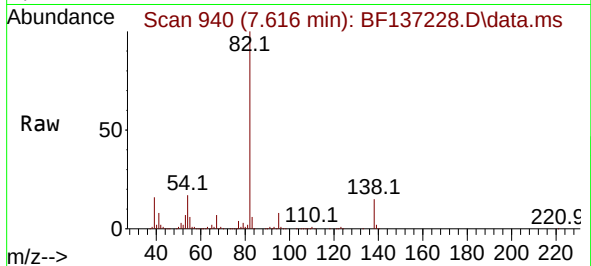




#25
Isophorone
Concen: 42.568 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

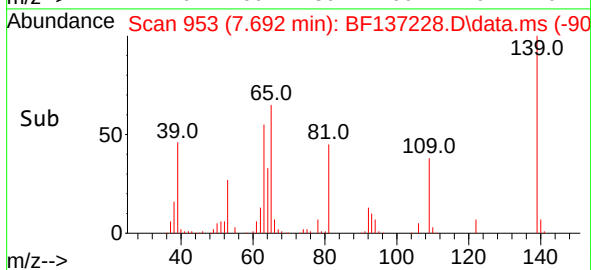
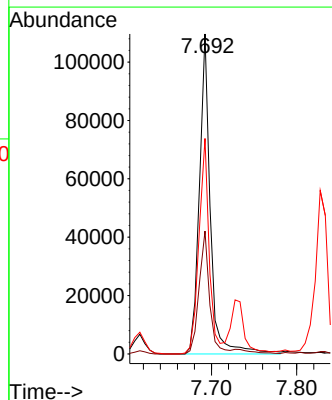
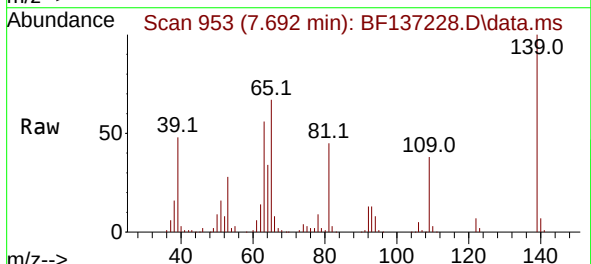
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

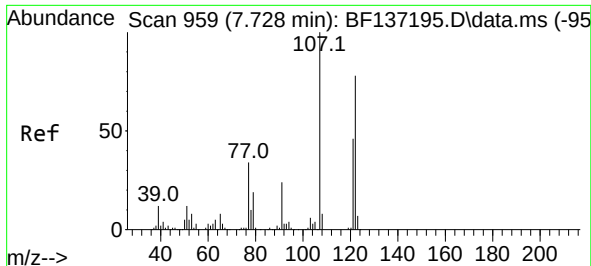
Tgt Ion: 82 Resp: 436391
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 15.3 12.7 19.1



#26
2-Nitrophenol
Concen: 47.415 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

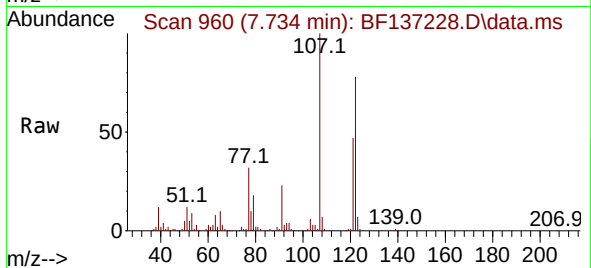
Tgt Ion:139 Resp: 98888
Ion Ratio Lower Upper
139 100
109 38.4 28.5 42.7
65 67.3 46.7 70.1



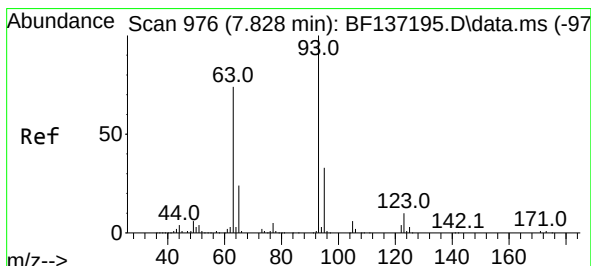
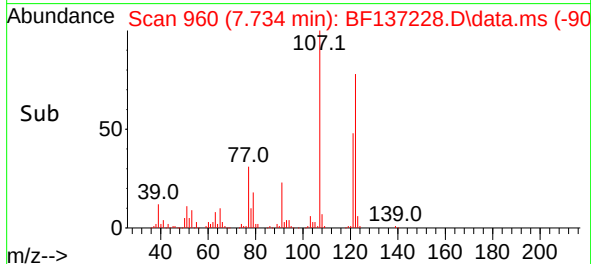
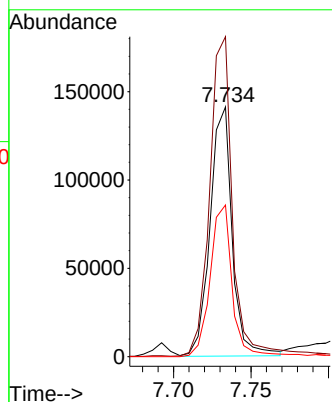


#27
2,4-Dimethylphenol
Concen: 47.877 ng
RT: 7.734 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB158741BSD

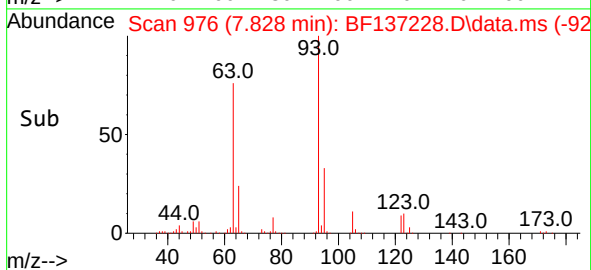
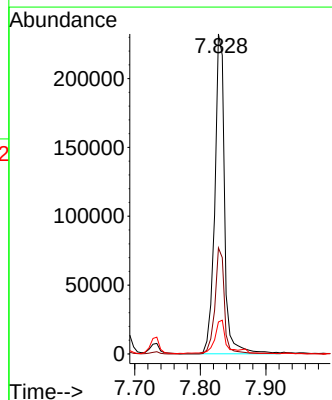
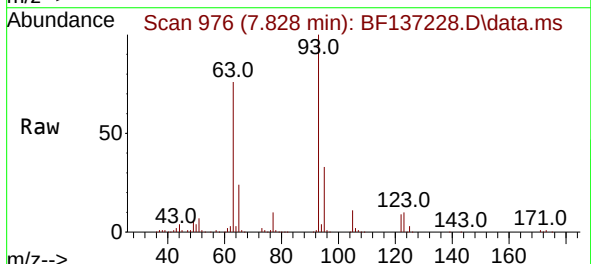


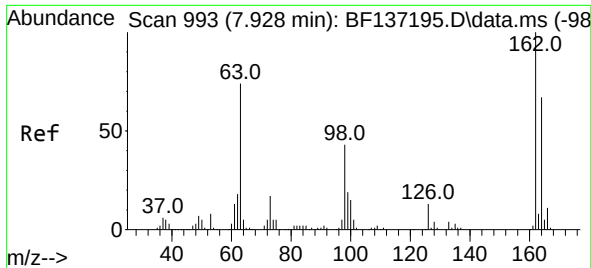
Tgt Ion:122 Resp: 140288
Ion Ratio Lower Upper
122 100
107 128.1 101.8 152.6
121 60.7 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.475 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion: 93 Resp: 242122
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 10.0 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 47.131 ng

RT: 7.934 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

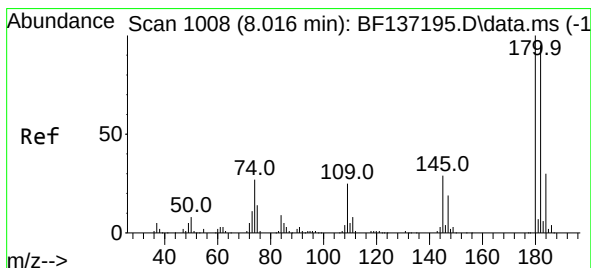
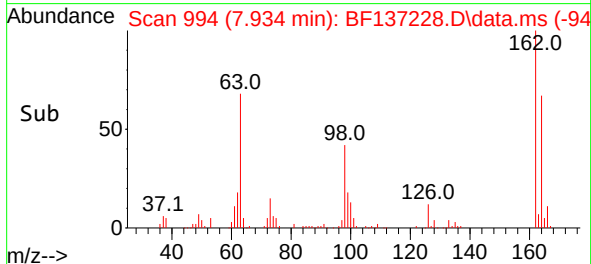
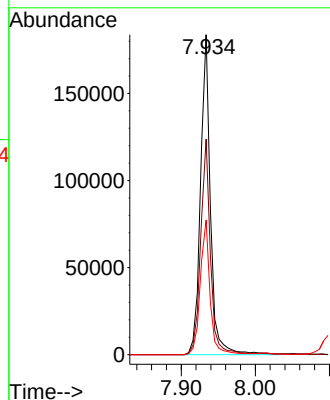
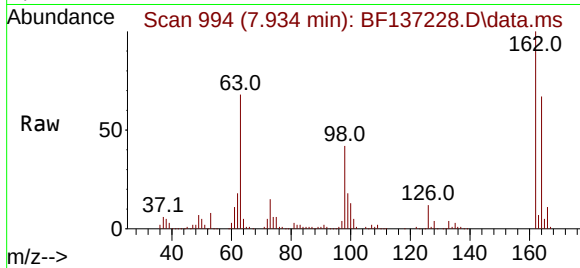
Tgt Ion:162 Resp: 171321

Ion Ratio Lower Upper

162 100

164 67.3 46.7 86.7

98 42.0 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 42.600 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

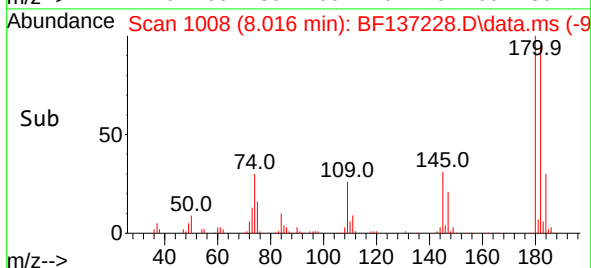
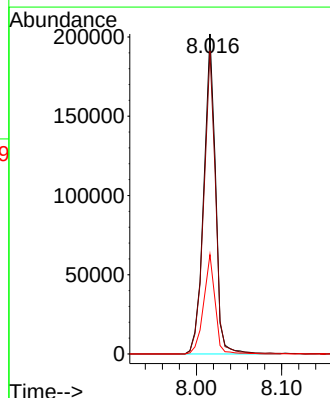
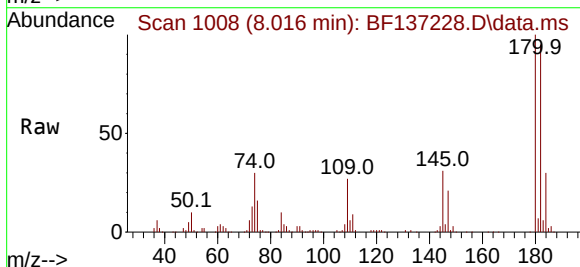
Tgt Ion:180 Resp: 192347

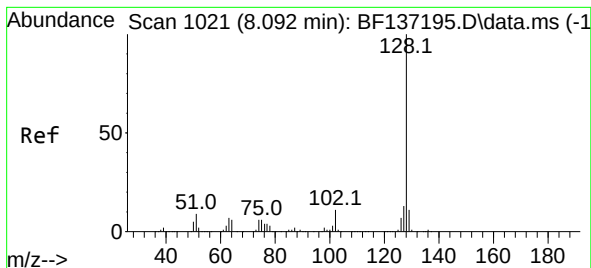
Ion Ratio Lower Upper

180 100

182 94.7 75.9 113.9

145 31.0 23.2 34.8





#31

Naphthalene

Concen: 42.708 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

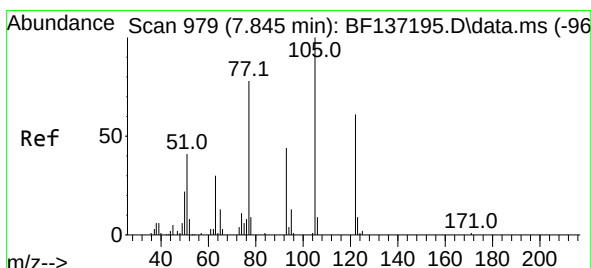
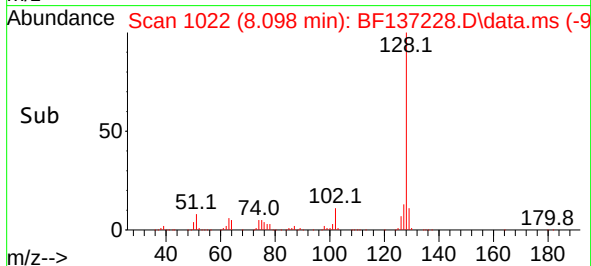
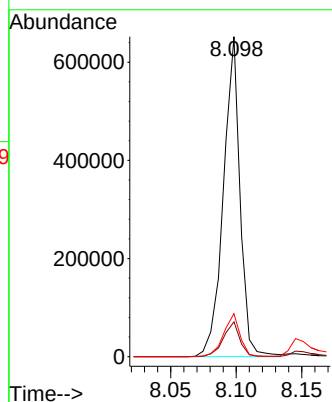
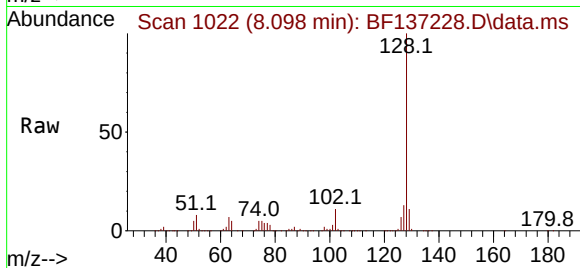
Tgt Ion:128 Resp: 574122

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 13.4 10.5 15.7



#32

Benzoic acid

Concen: 53.034 ng

RT: 7.869 min Scan# 983

Delta R.T. 0.024 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

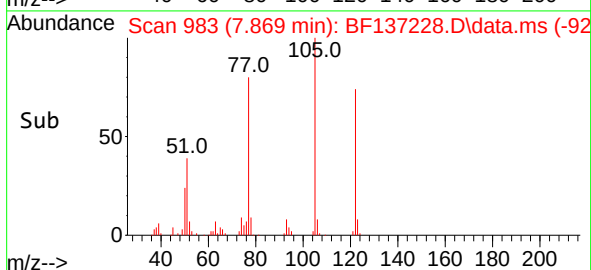
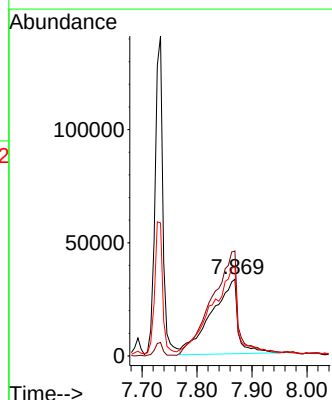
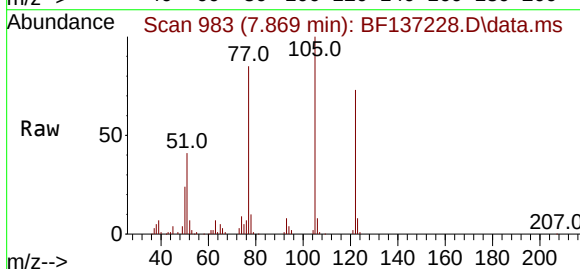
Tgt Ion:122 Resp: 111964

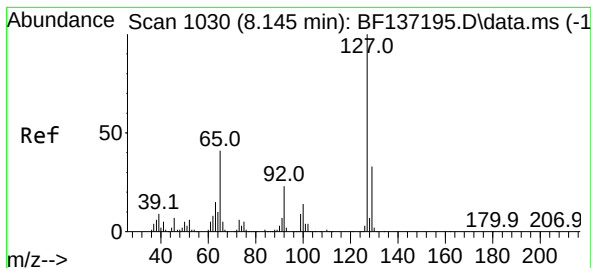
Ion Ratio Lower Upper

122 100

105 136.7 122.5 162.5

77 115.8 96.4 136.4





#33

4-Chloroaniline

Concen: 10.899 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

Tgt Ion:127 Resp: 50398

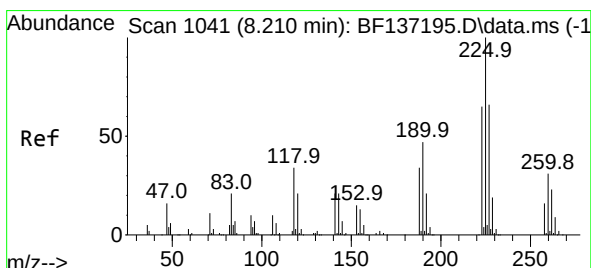
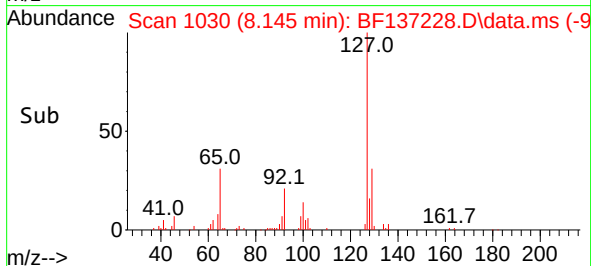
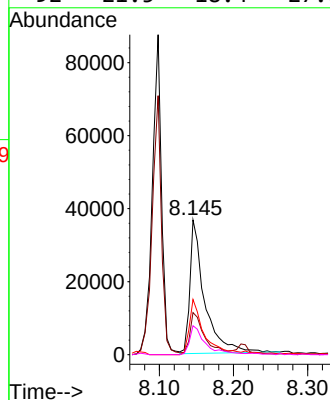
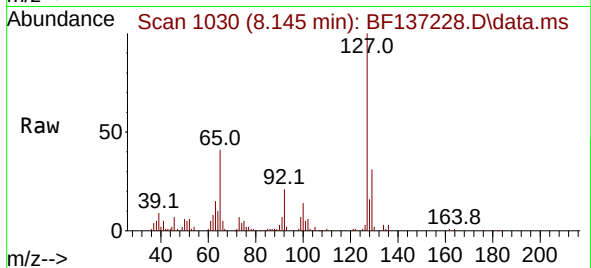
Ion Ratio Lower Upper

127 100

129 31.2 26.8 40.2

65 41.0 32.9 49.3

92 21.5 18.4 27.6



#34

Hexachlorobutadiene

Concen: 42.354 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

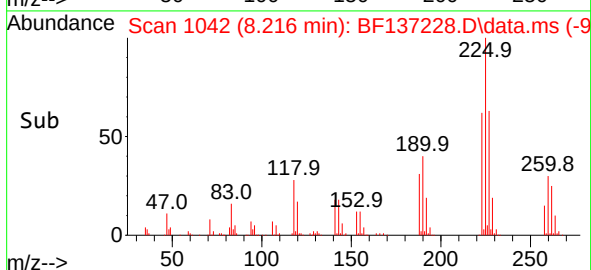
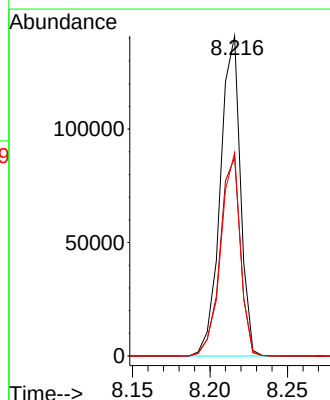
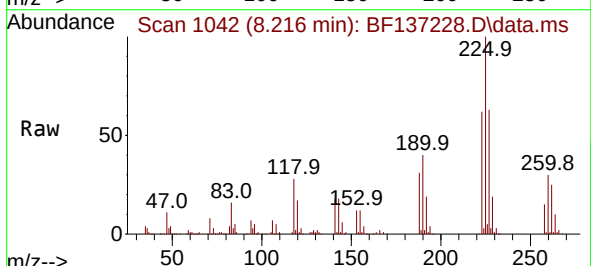
Tgt Ion:225 Resp: 127158

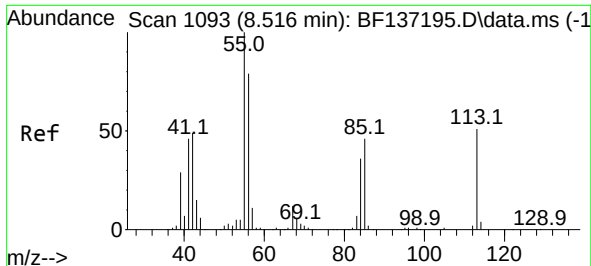
Ion Ratio Lower Upper

225 100

223 62.0 52.0 78.0

227 63.5 52.9 79.3

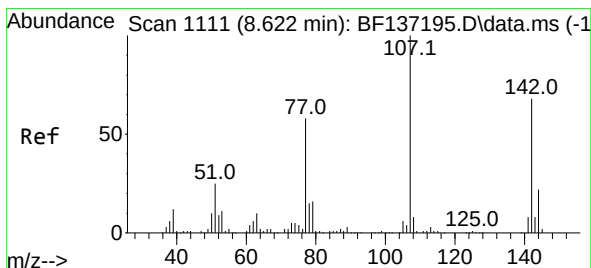
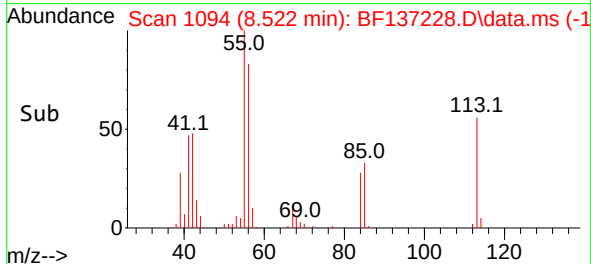
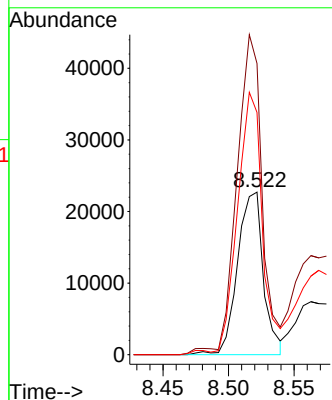
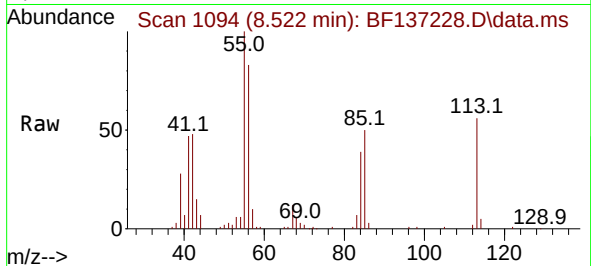




#35
Caprolactam
Concen: 27.573 ng
RT: 8.522 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

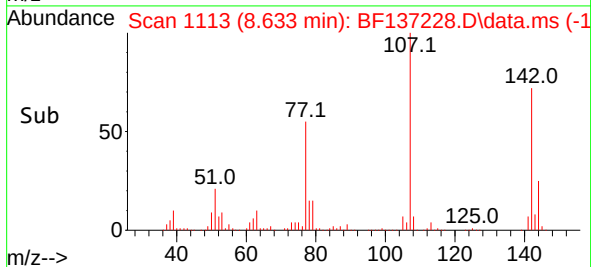
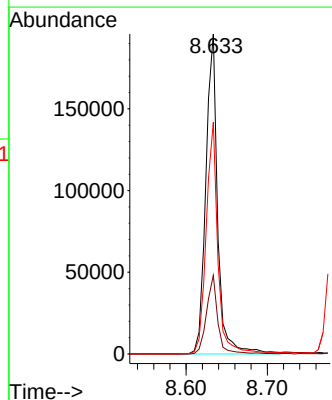
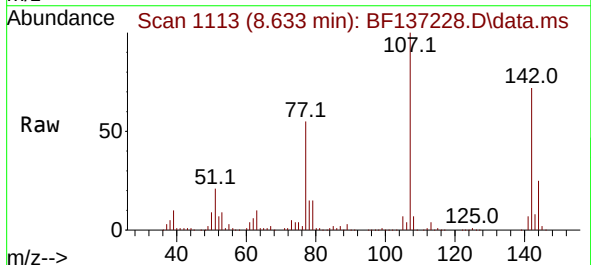
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

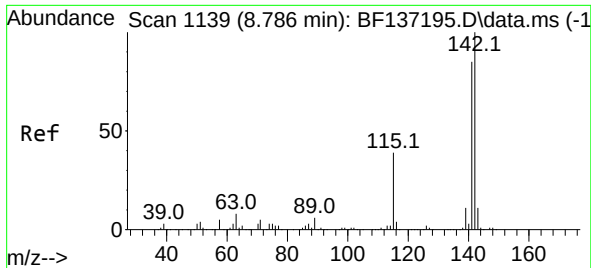
Tgt Ion:113 Resp: 31166
Ion Ratio Lower Upper
113 100
55 179.1 176.0 216.0
56 149.0 134.0 174.0



#36
4-Chloro-3-methylphenol
Concen: 46.196 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.012 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:107 Resp: 198337
Ion Ratio Lower Upper
107 100
144 24.6 17.2 25.8
142 72.5 54.6 82.0





#37

2-Methylnaphthalene

Concen: 42.989 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

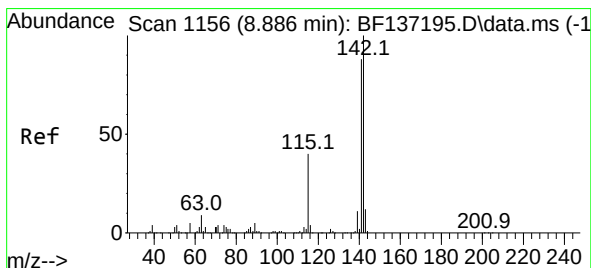
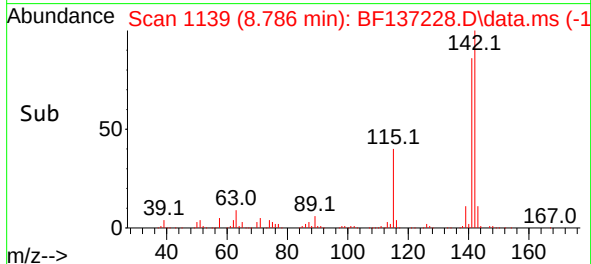
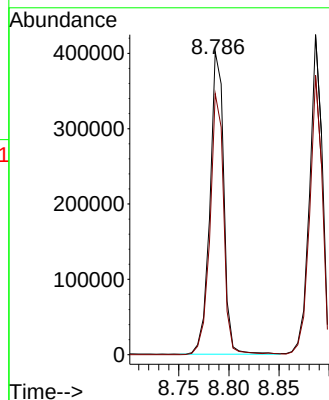
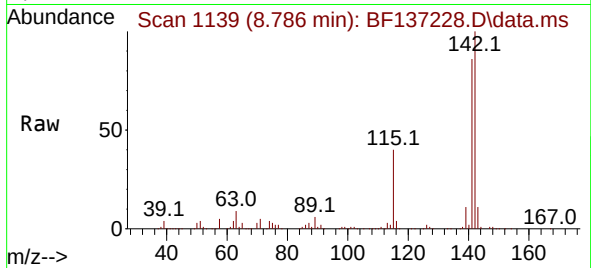
PB158741BSD

Tgt Ion:142 Resp: 387434

Ion Ratio Lower Upper

142 100

141 86.1 67.8 101.8



#38

1-Methylnaphthalene

Concen: 44.471 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF137228.D

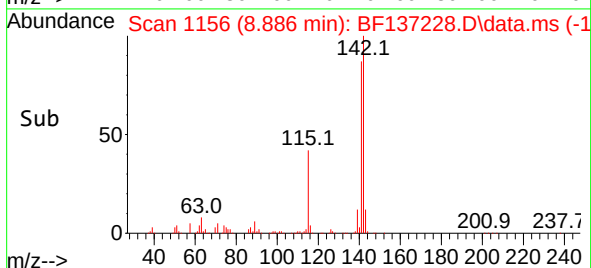
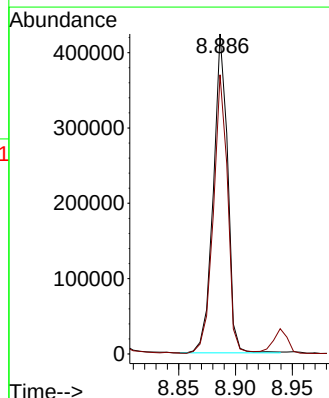
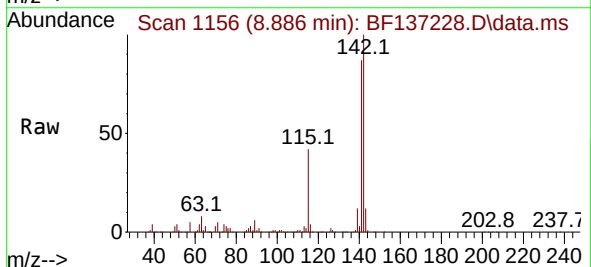
Acq: 01 Feb 2024 13:17

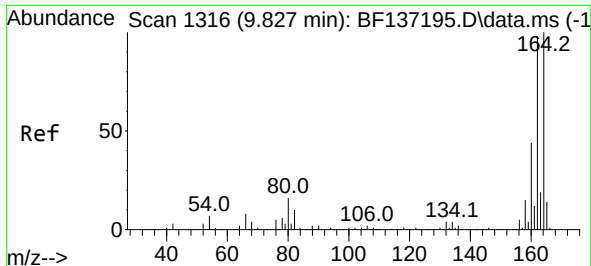
Tgt Ion:142 Resp: 372257

Ion Ratio Lower Upper

142 100

141 87.3 70.6 105.8

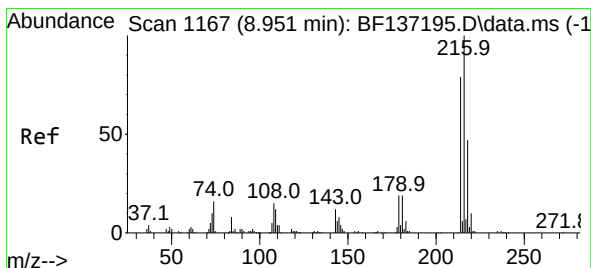
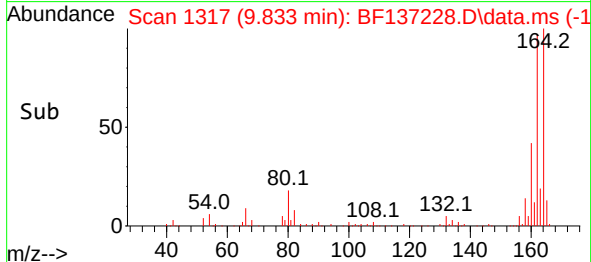
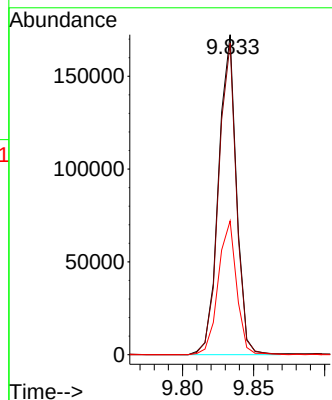
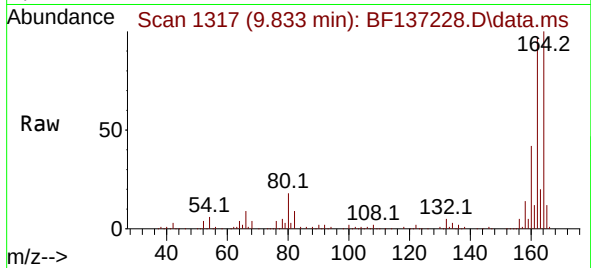




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

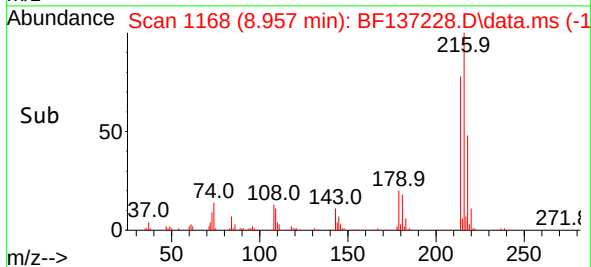
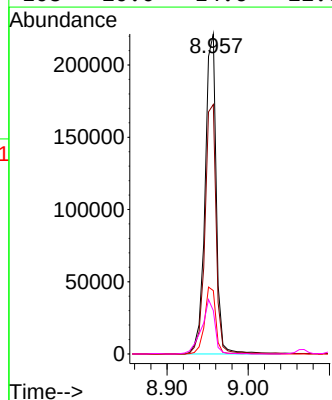
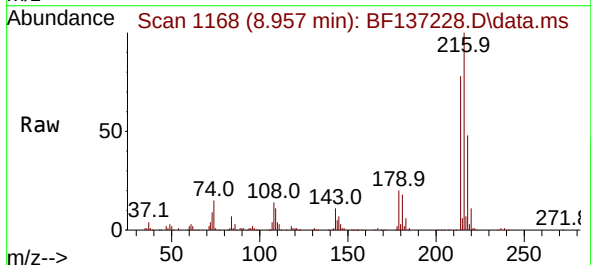
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

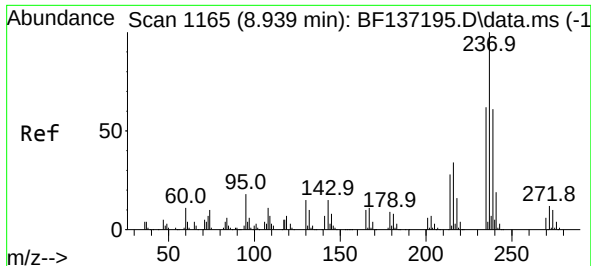
Tgt Ion:164 Resp: 150570
Ion Ratio Lower Upper
164 100
162 97.3 78.3 117.5
160 41.8 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.949 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:216 Resp: 211347
Ion Ratio Lower Upper
216 100
214 78.6 63.9 95.9
179 21.0 16.2 24.2
108 20.0 14.6 22.0

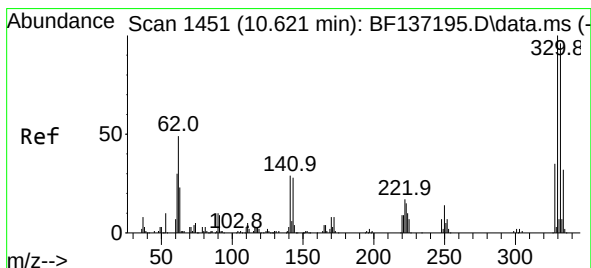
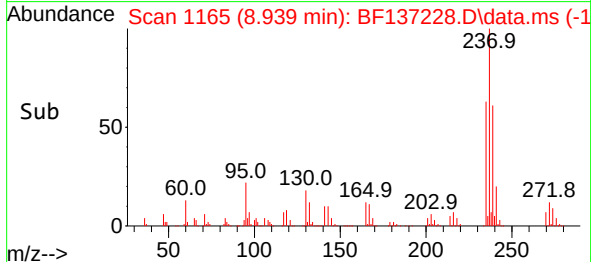
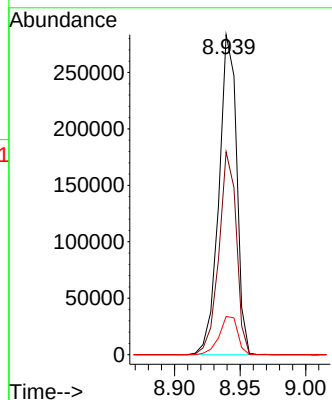
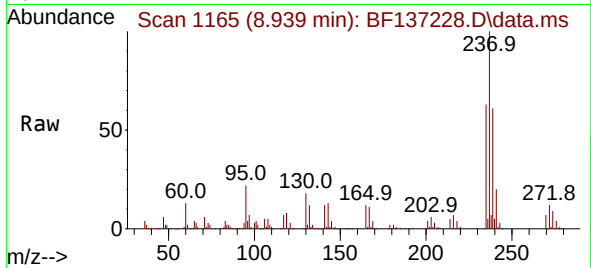




#41
Hexachlorocyclopentadiene
Concen: 110.876 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

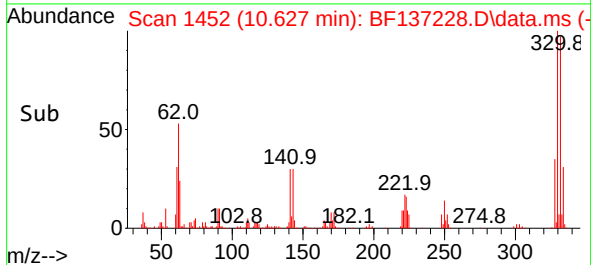
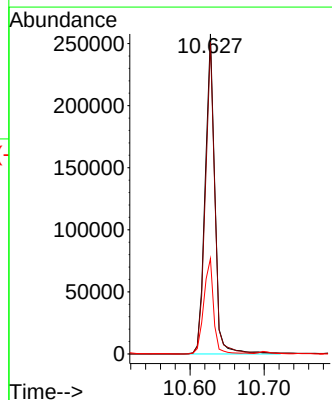
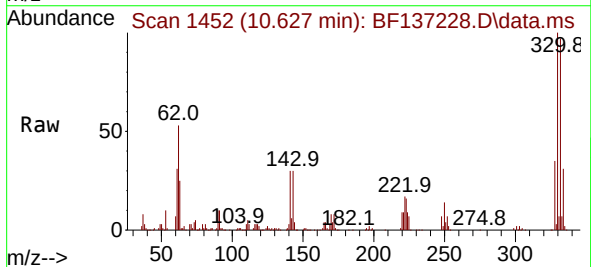
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

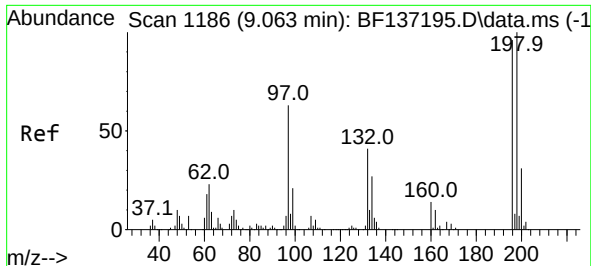
Tgt Ion:237 Resp: 266061
Ion Ratio Lower Upper
237 100
235 63.4 41.6 81.6
272 12.0 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 137.911 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:330 Resp: 234513
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 30.4 25.2 37.8

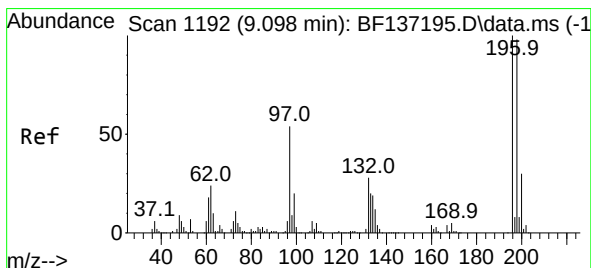
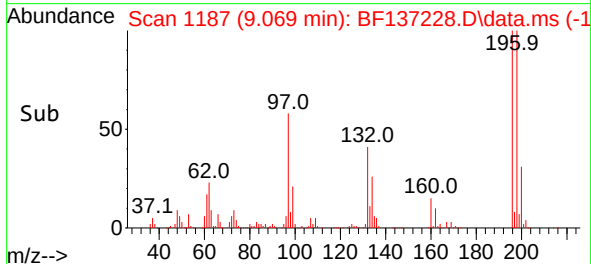
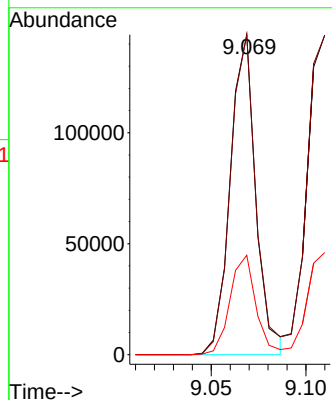
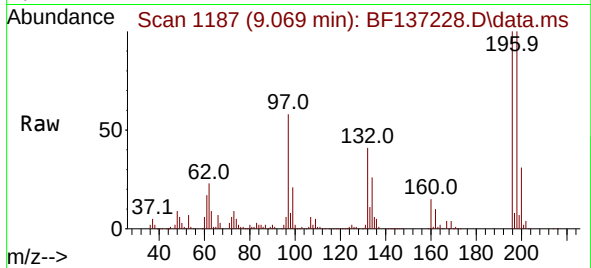




#43
2,4,6-Trichlorophenol
Concen: 47.188 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

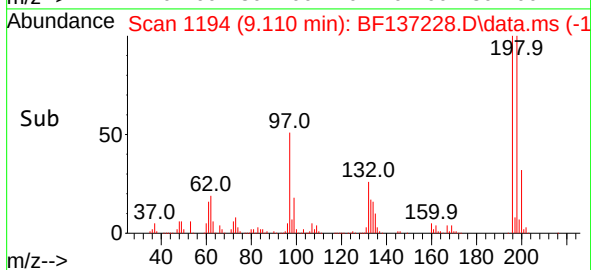
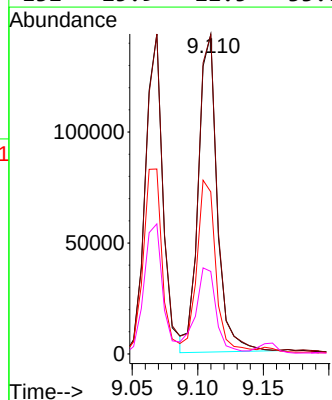
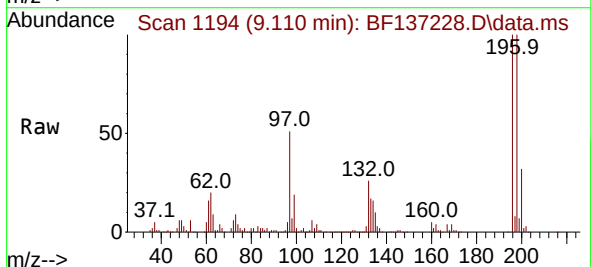
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

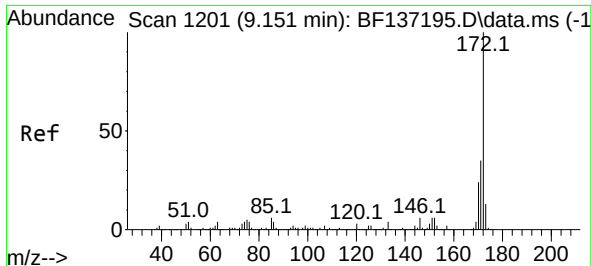
Tgt Ion:196 Resp: 134847
Ion Ratio Lower Upper
196 100
198 100.0 83.0 124.6
200 31.1 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 45.895 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.012 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:196 Resp: 143357
Ion Ratio Lower Upper
196 100
198 99.9 78.2 117.4
97 50.7 44.2 66.2
132 25.9 22.5 33.7

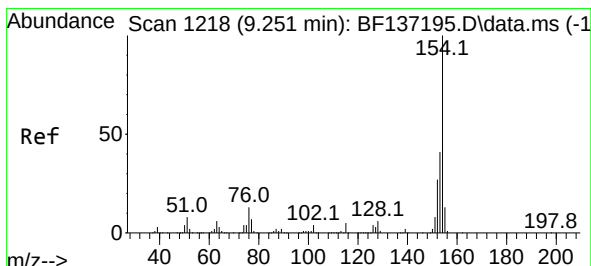
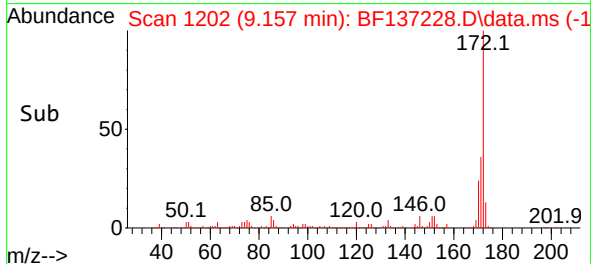
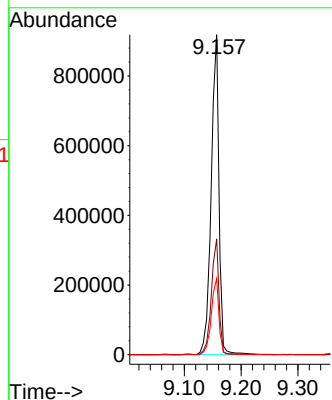
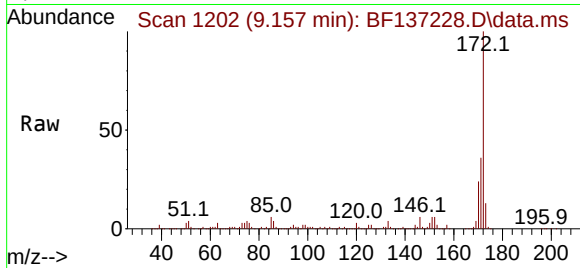




#45
2-Fluorobiphenyl
Concen: 79.772 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

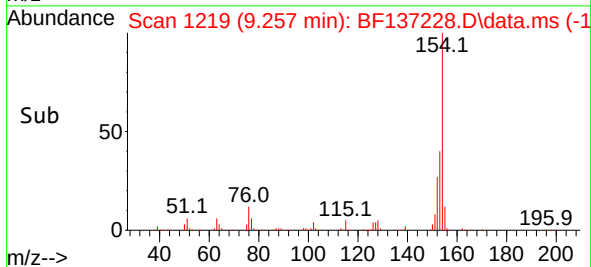
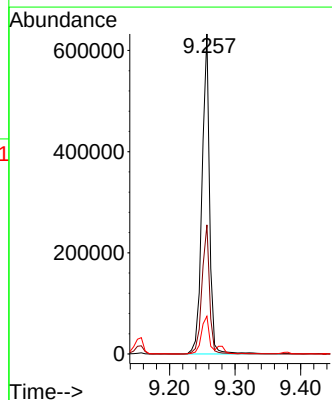
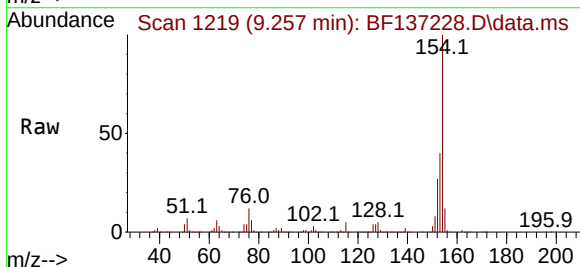
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

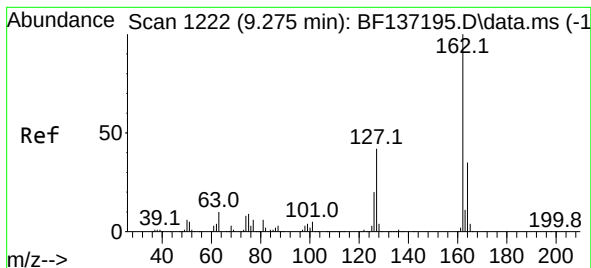
Tgt Ion:172 Resp: 873759
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 42.286 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:154 Resp: 506581
Ion Ratio Lower Upper
154 100
153 40.4 21.2 61.2
76 11.8 0.0 33.0





#47

2-Chloronaphthalene

Concen: 42.167 ng

RT: 9.280 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

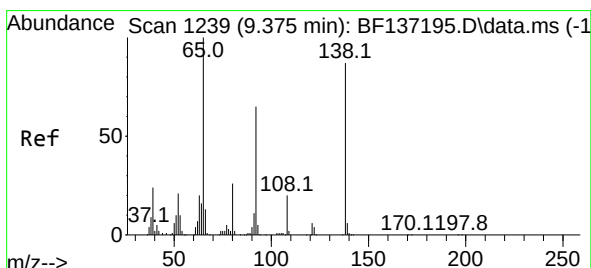
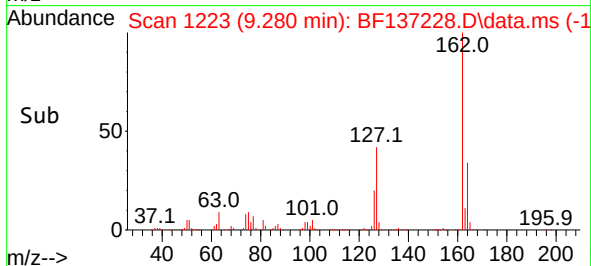
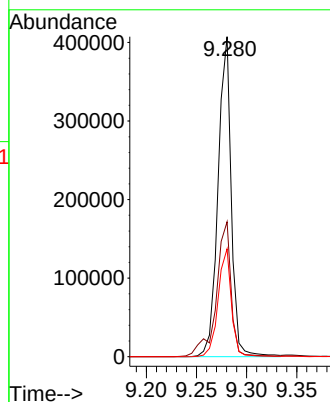
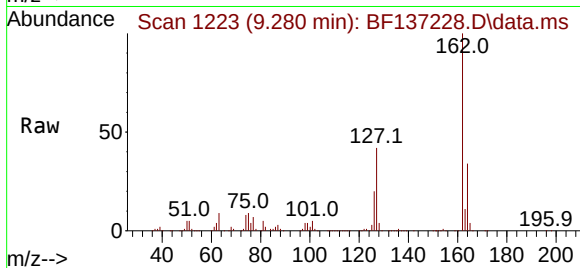
Tgt Ion:162 Resp: 373844

Ion Ratio Lower Upper

162 100

127 42.1 34.1 51.1

164 33.7 27.9 41.9



#48

2-Nitroaniline

Concen: 48.292 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

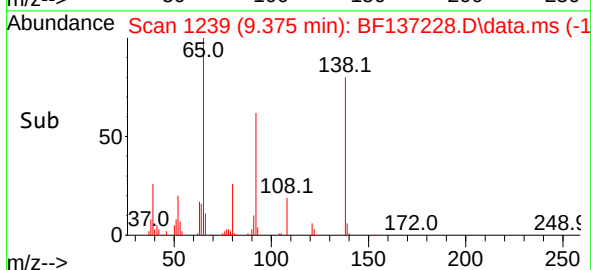
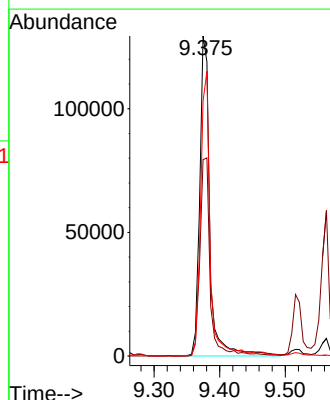
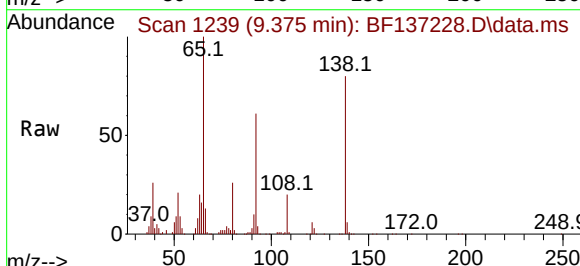
Tgt Ion: 65 Resp: 138575

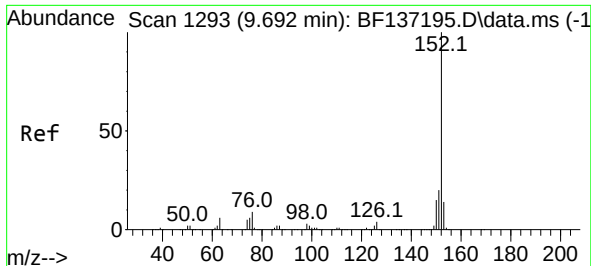
Ion Ratio Lower Upper

65 100

92 61.4 51.7 77.5

138 79.7 69.7 104.5

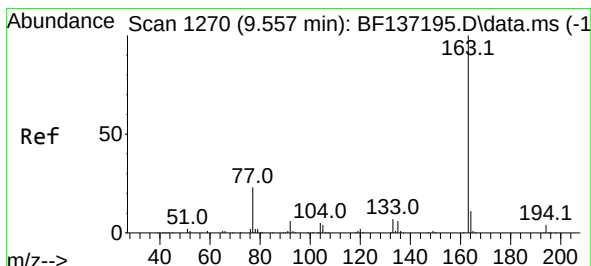
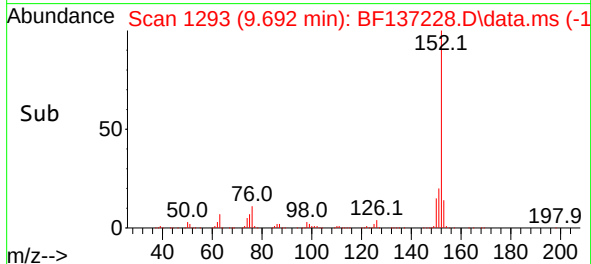
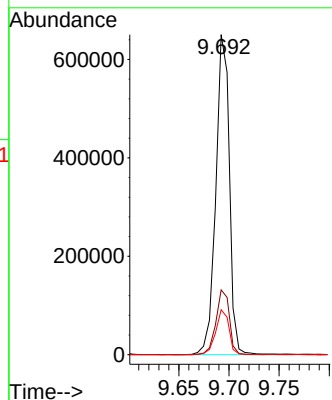
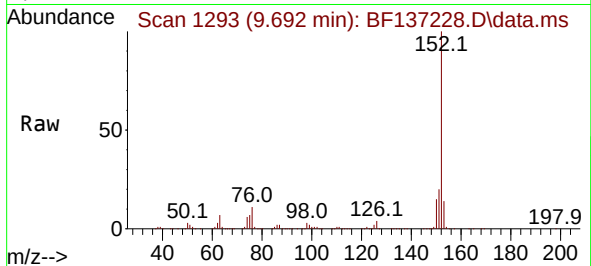




#49
Acenaphthylene
Concen: 43.127 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

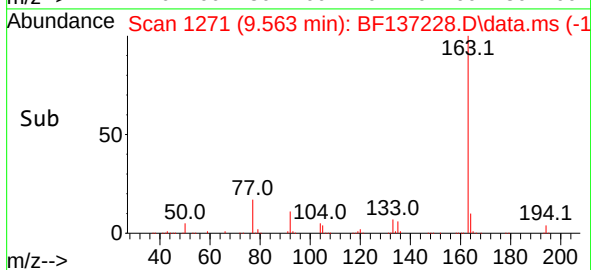
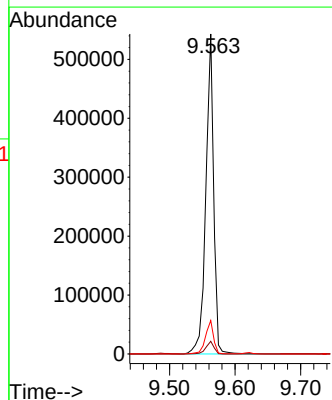
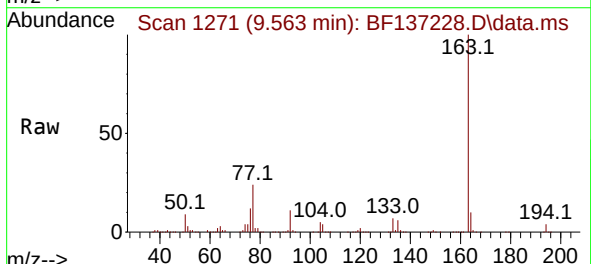
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

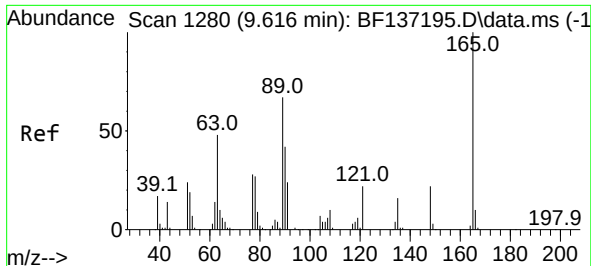
Tgt Ion:152 Resp: 612111
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.1 11.2 16.8



#50
Dimethylphthalate
Concen: 44.503 ng
RT: 9.563 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:163 Resp: 452686
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.5 8.6 13.0

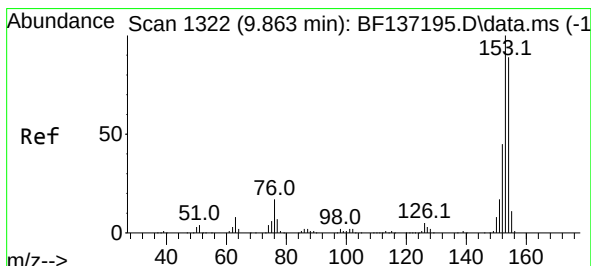
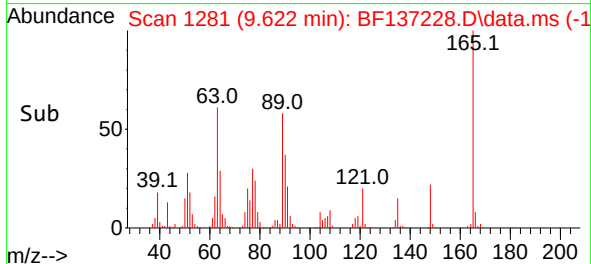
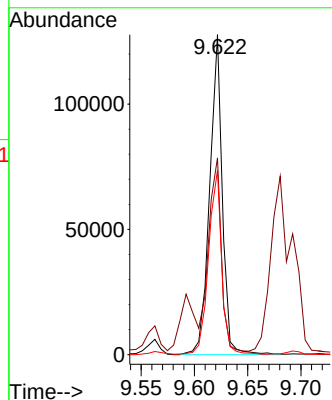
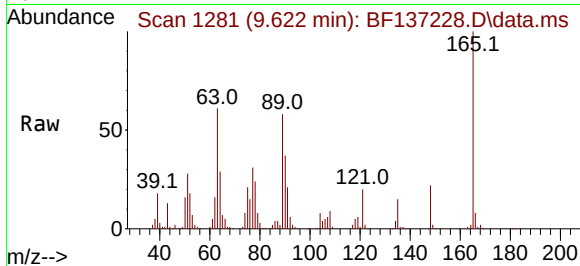




#51
2,6-Dinitrotoluene
Concen: 48.808 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

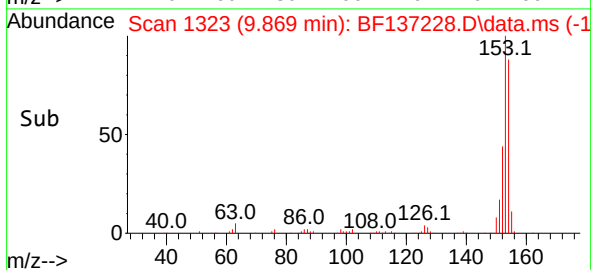
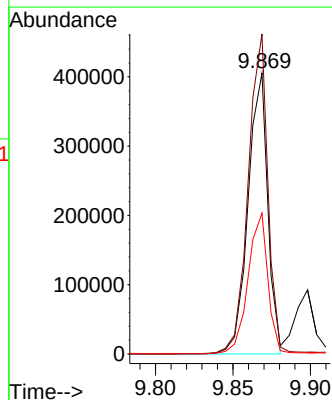
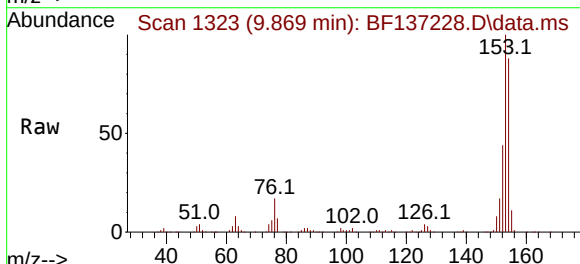
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

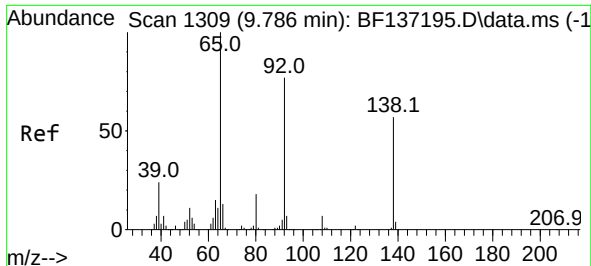
Tgt Ion:165 Resp: 105870
Ion Ratio Lower Upper
165 100
63 61.5 55.1 82.7
89 57.6 53.5 80.3



#52
Acenaphthene
Concen: 42.958 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:154 Resp: 358340
Ion Ratio Lower Upper
154 100
153 114.0 90.2 135.4
152 50.1 40.6 60.8

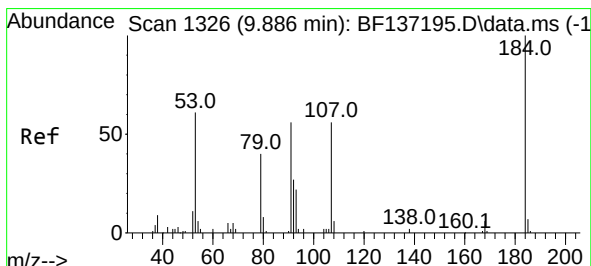
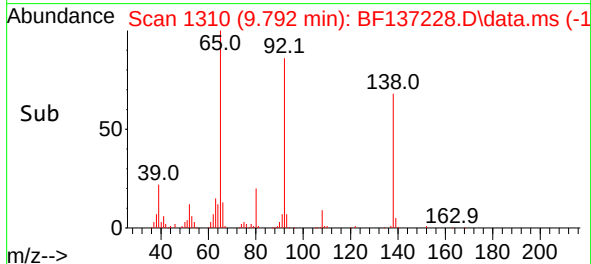
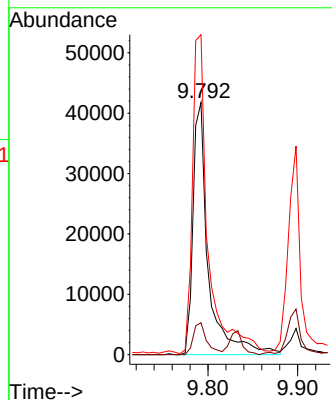
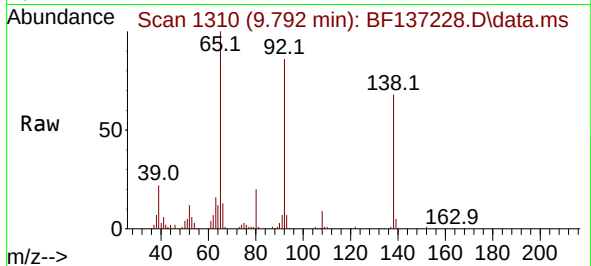




#53
3-Nitroaniline
Concen: 25.461 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

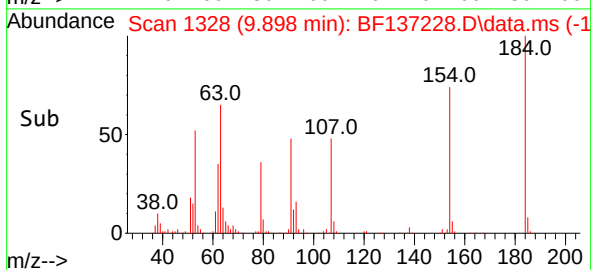
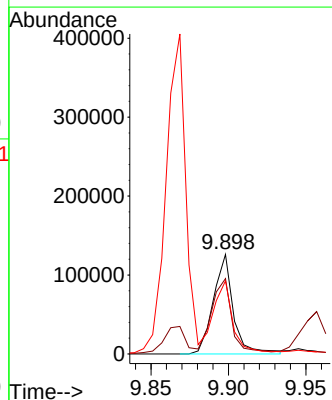
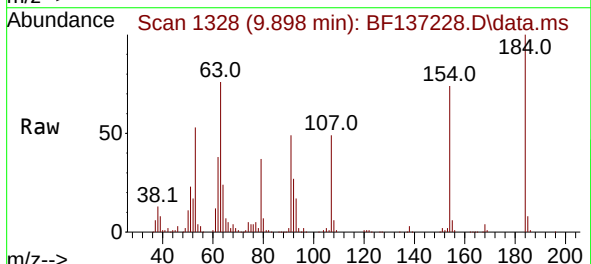
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

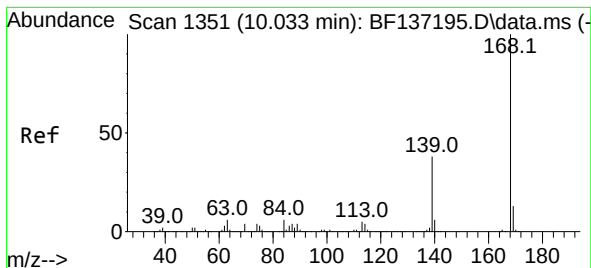
Tgt Ion:138 Resp: 49700
Ion Ratio Lower Upper
138 100
108 12.7 10.4 15.6
92 126.9 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 111.857 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:184 Resp: 113203
Ion Ratio Lower Upper
184 100
63 75.7 71.2 106.8
154 73.5 64.9 97.3





#55

Dibenzenofuran

Concen: 43.417 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

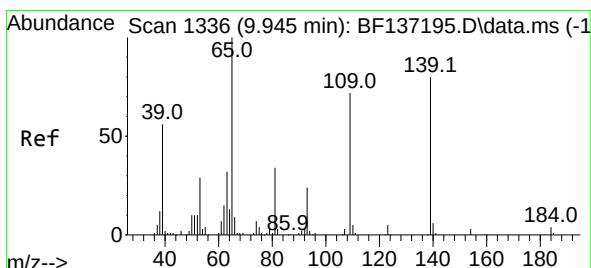
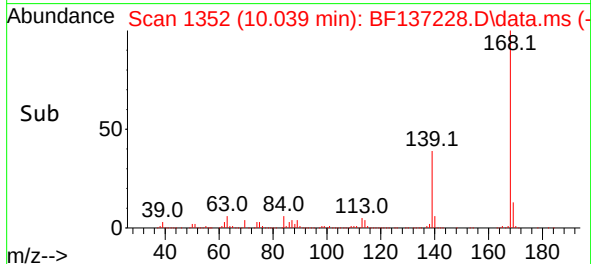
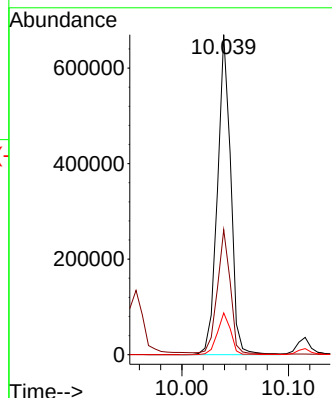
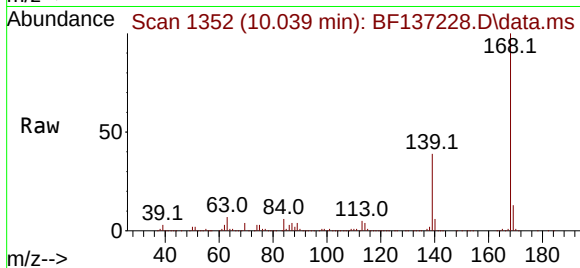
Tgt Ion:168 Resp: 576203

Ion Ratio Lower Upper

168 100

139 39.1 31.1 46.7

169 13.1 10.6 16.0



#56

4-Nitrophenol

Concen: 116.168 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

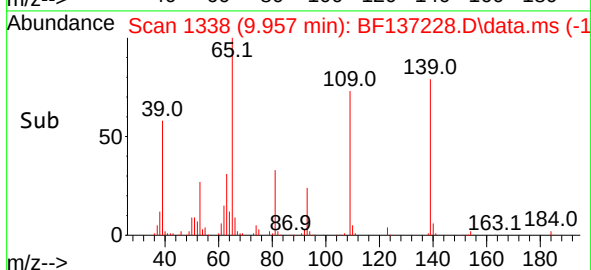
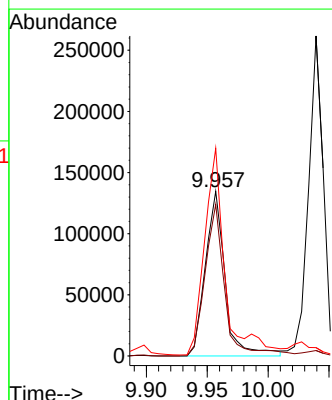
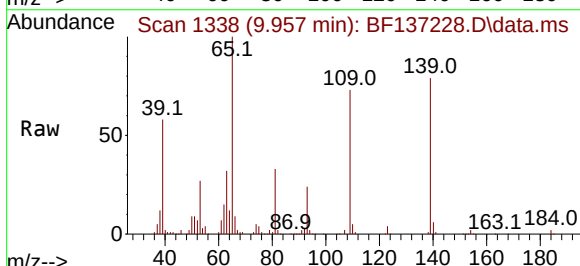
Tgt Ion:139 Resp: 151692

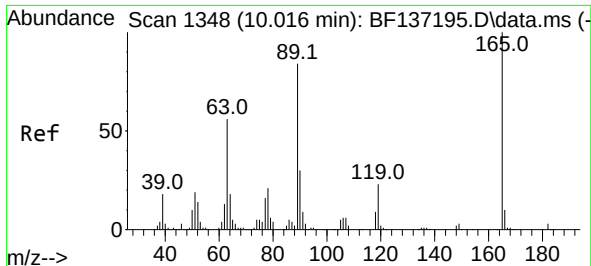
Ion Ratio Lower Upper

139 100

109 92.1 70.4 110.4

65 126.2 107.6 147.6

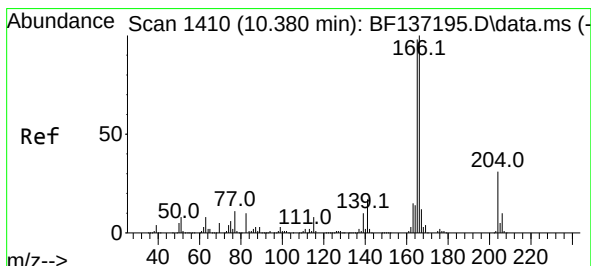
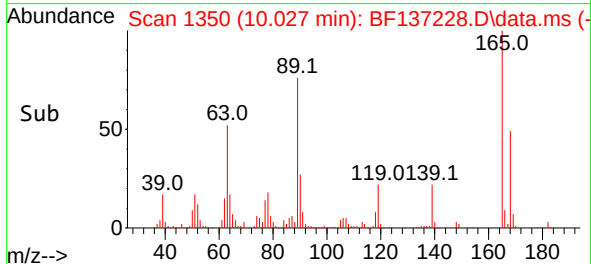
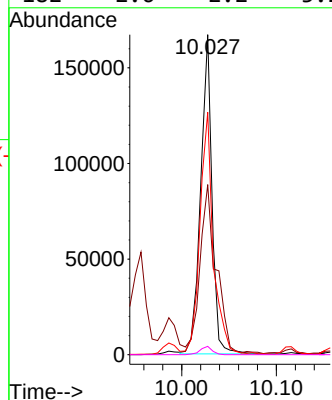
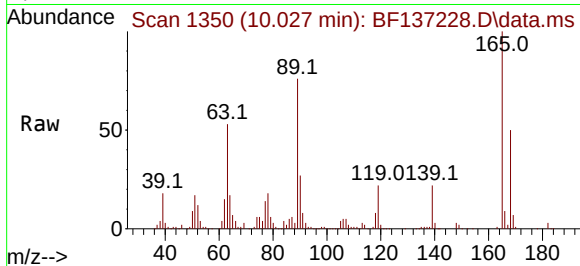




#57
2,4-Dinitrotoluene
Concen: 49.395 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

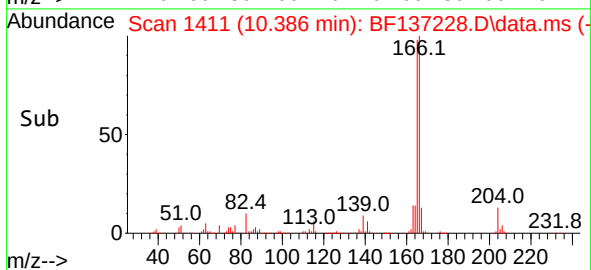
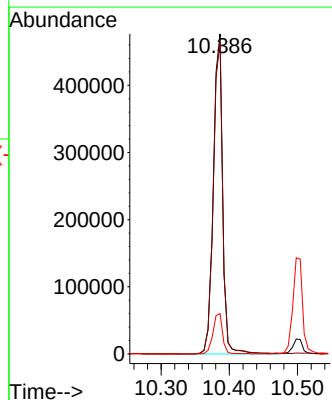
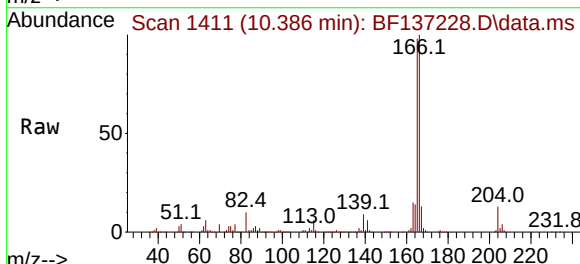
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

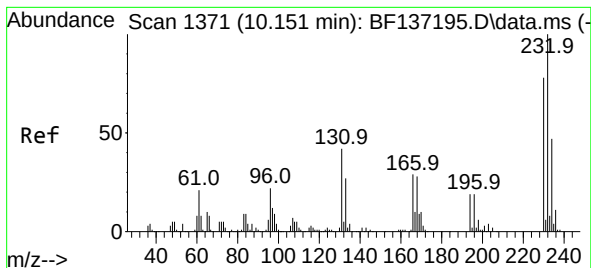
Tgt Ion:165 Resp: 139021
Ion Ratio Lower Upper
165 100
63 53.1 46.1 69.1
89 75.7 67.5 101.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 43.564 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:166 Resp: 453249
Ion Ratio Lower Upper
166 100
165 97.6 78.5 117.7
167 12.6 10.0 15.0



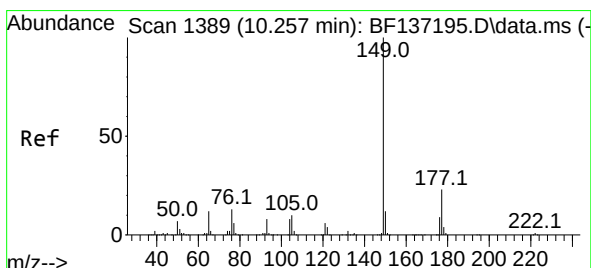
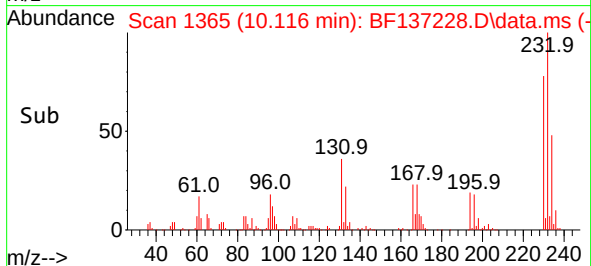
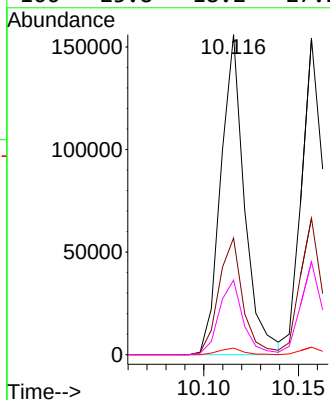
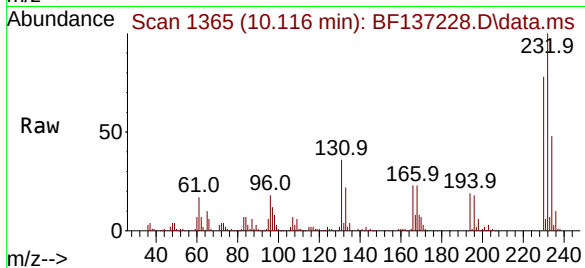


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.858 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.035 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB158741BSD

Tgt Ion:232 Resp: 136187
Ion Ratio Lower Upper

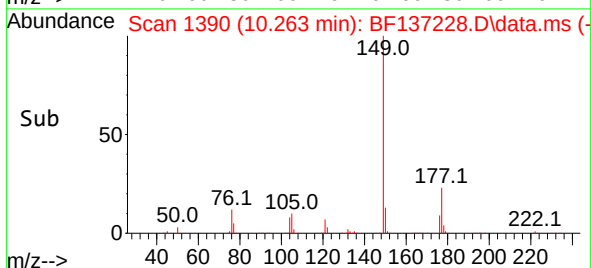
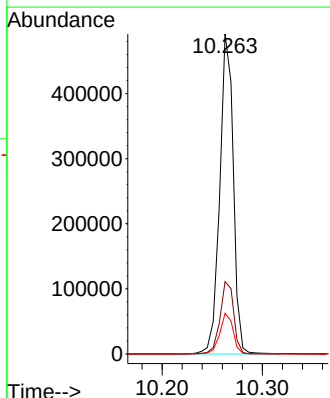
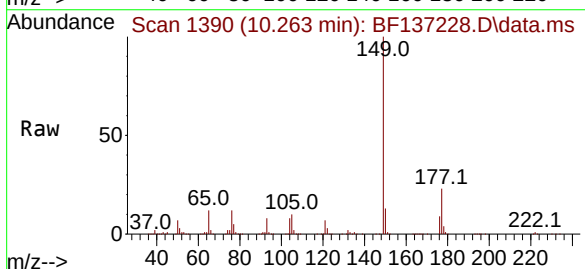
232	100		
131	37.3	27.4	41.2
130	2.1	1.7	2.5
166	23.8	18.2	27.2

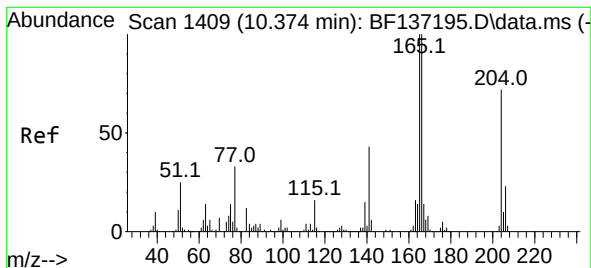


#60
Diethylphthalate
Concen: 45.948 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:149 Resp: 460205
Ion Ratio Lower Upper

149	100		
177	22.6	18.0	27.0
150	12.7	9.6	14.4

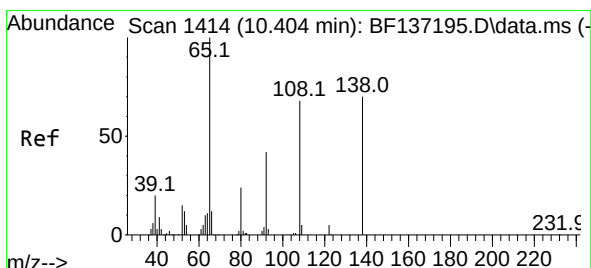
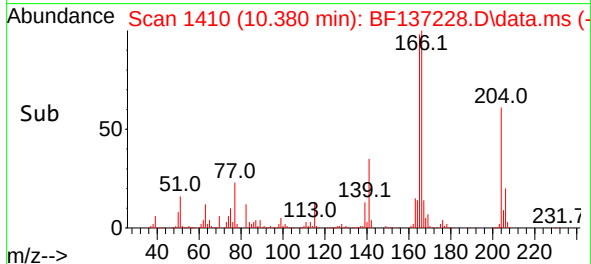
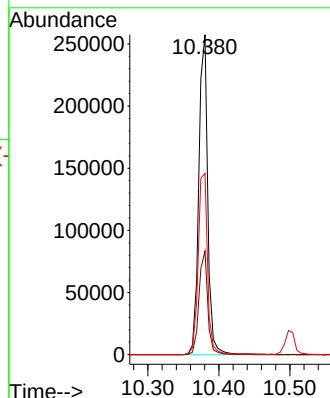
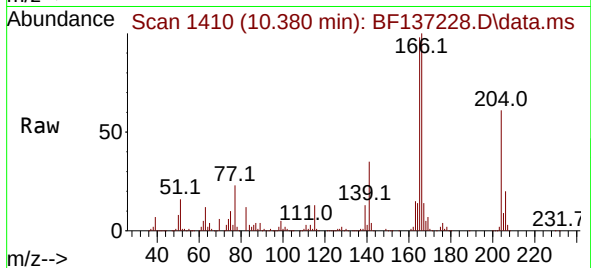




#61
4-Chlorophenyl-phenylether
Concen: 43.720 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

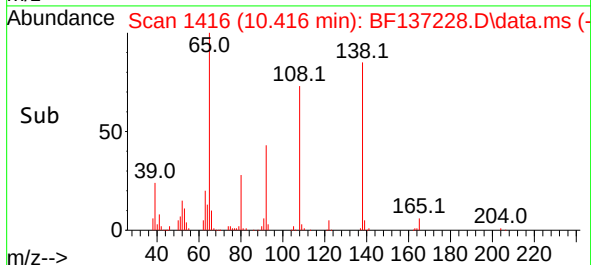
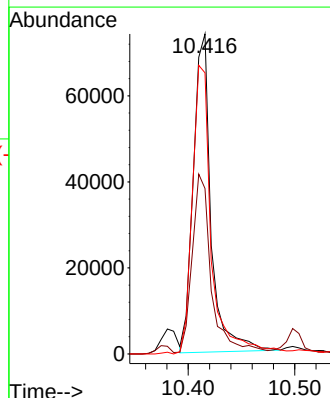
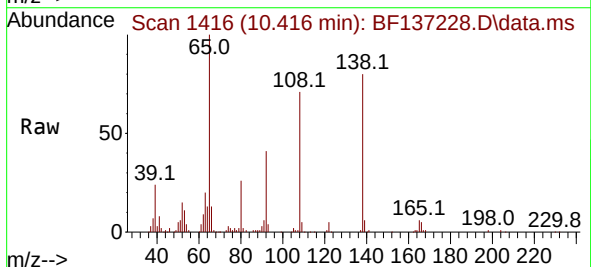
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

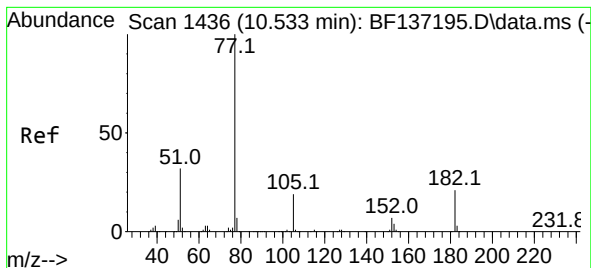
Tgt Ion:204 Resp: 226097
Ion Ratio Lower Upper
204 100
206 32.3 25.5 38.3
141 56.7 48.3 72.5



#62
4-Nitroaniline
Concen: 46.065 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:138 Resp: 86069
Ion Ratio Lower Upper
138 100
92 51.7 39.3 79.3
108 87.9 75.3 115.3





#63

Azobenzene

Concen: 43.142 ng

RT: 10.539 min Scan# 1436

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

Tgt Ion: 77 Resp: 478555

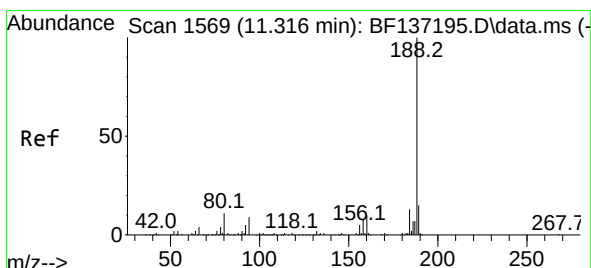
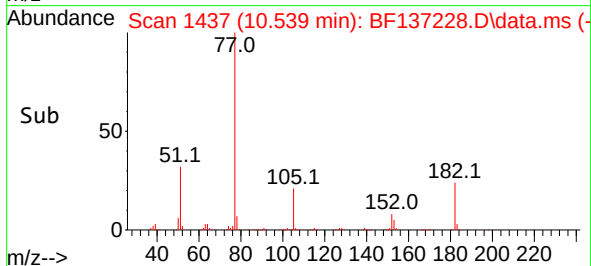
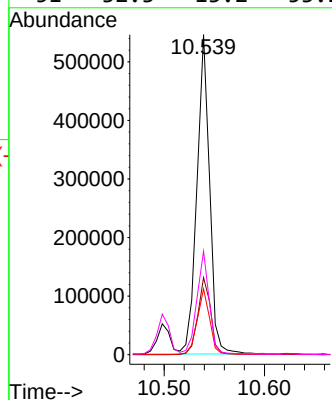
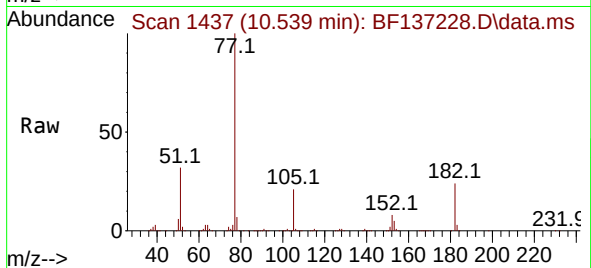
Ion Ratio Lower Upper

77 100

182 24.1 1.1 41.1

105 20.6 0.0 38.9

51 32.3 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

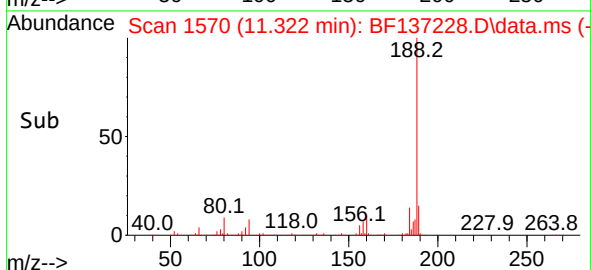
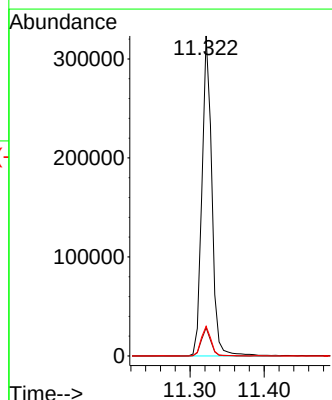
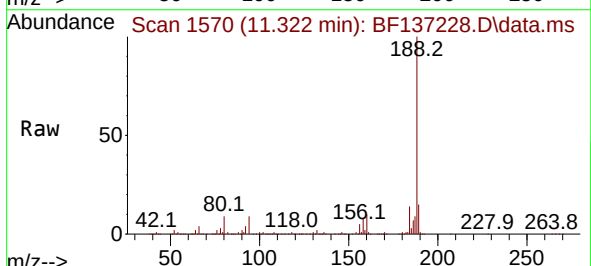
Tgt Ion: 188 Resp: 299362

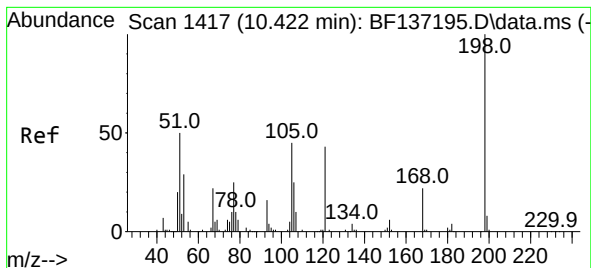
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

80 9.3 8.8 13.2

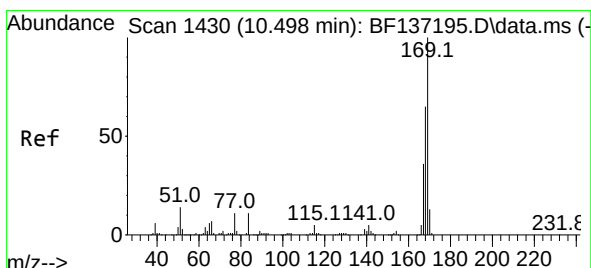
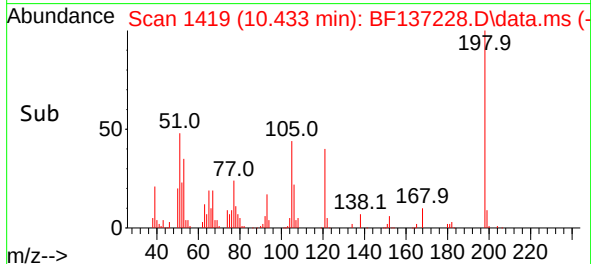
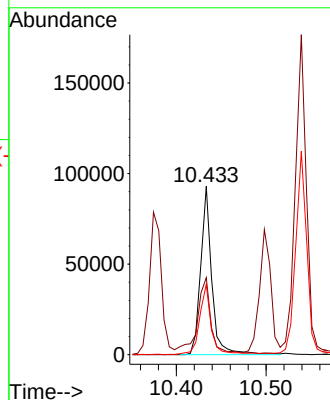
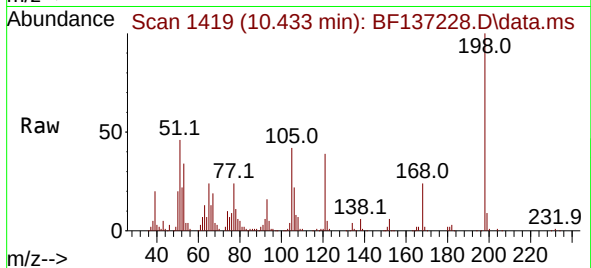




#65
4,6-Dinitro-2-methylphenol
Concen: 50.289 ng
RT: 10.433 min Scan# 1417
Delta R.T. 0.011 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

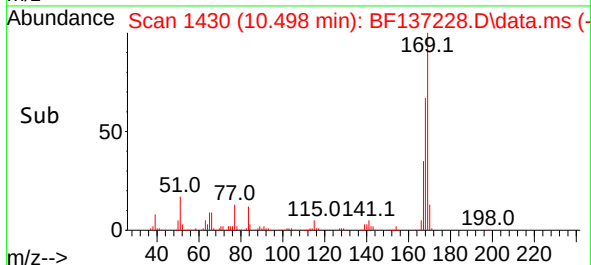
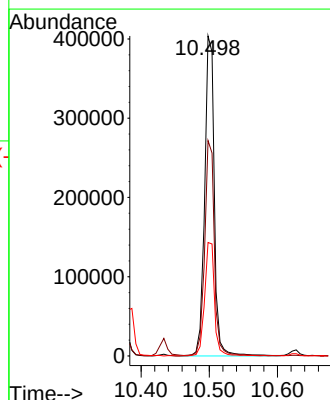
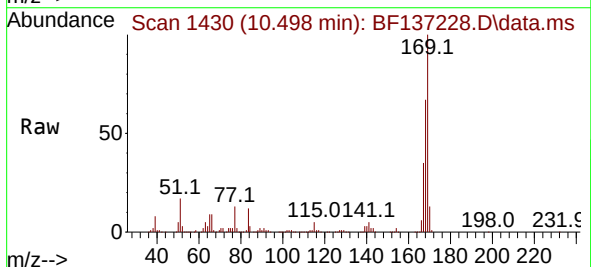
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

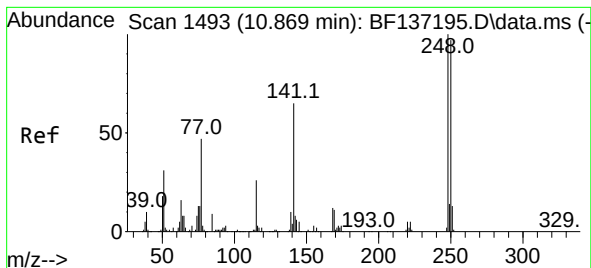
Tgt Ion:198 Resp: 80211
Ion Ratio Lower Upper
198 100
51 45.7 40.9 80.9
105 41.7 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 43.617 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:169 Resp: 397021
Ion Ratio Lower Upper
169 100
168 67.3 51.9 77.9
167 35.4 29.0 43.6

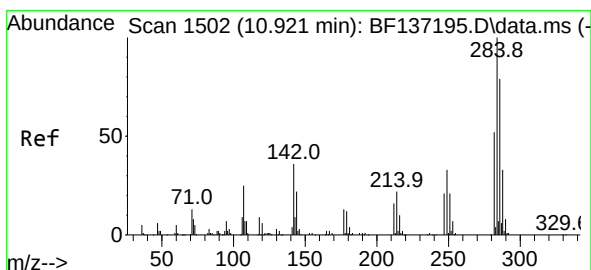
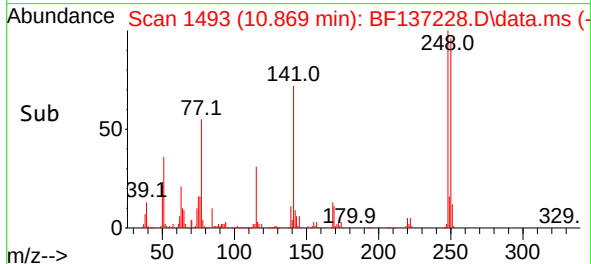
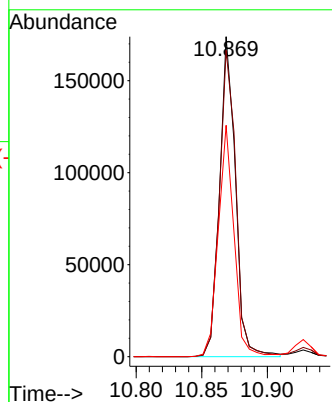
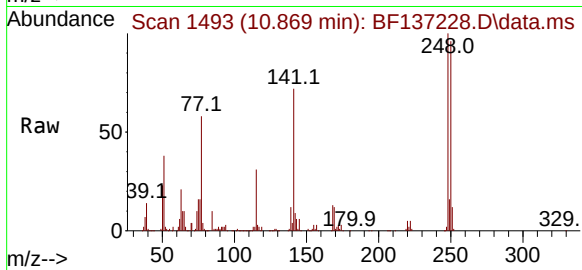




#67
4-Bromophenyl-phenylether
Concen: 44.407 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

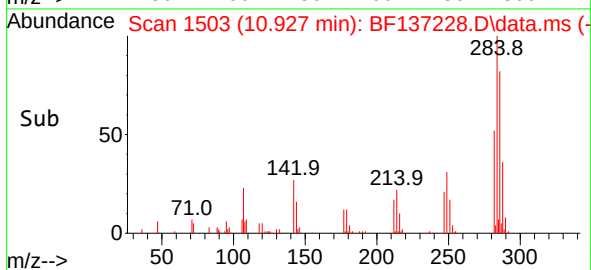
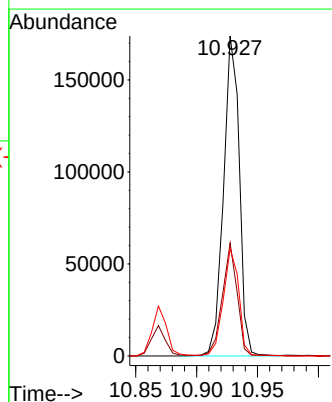
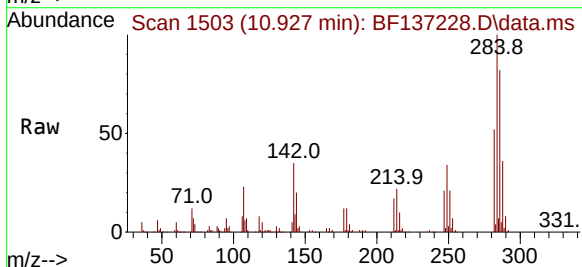
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

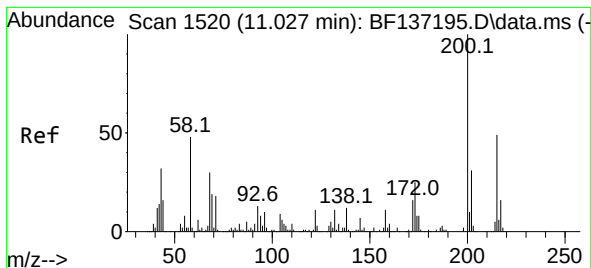
Tgt Ion:248 Resp: 146176
Ion Ratio Lower Upper
248 100
250 95.7 77.7 116.5
141 72.3 51.6 77.4



#68
Hexachlorobenzene
Concen: 42.799 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:284 Resp: 157360
Ion Ratio Lower Upper
284 100
142 35.3 28.7 43.1
249 33.5 27.0 40.4





#69

Atrazine

Concen: 45.484 ng

RT: 11.033 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

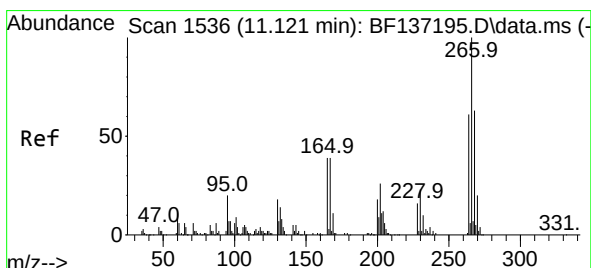
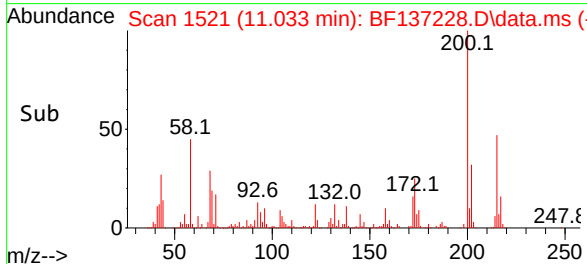
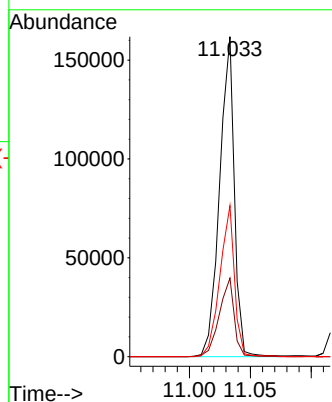
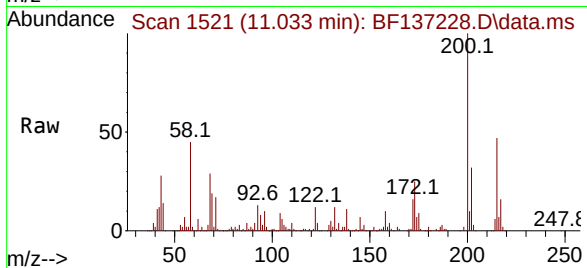
Tgt Ion:200 Resp: 136671

Ion Ratio Lower Upper

200 100

173 24.6 5.3 45.3

215 47.2 29.4 69.4



#70

Pentachlorophenol

Concen: 100.033 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

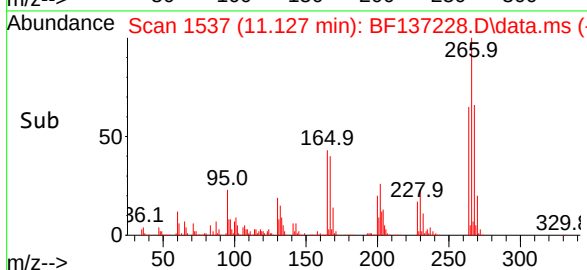
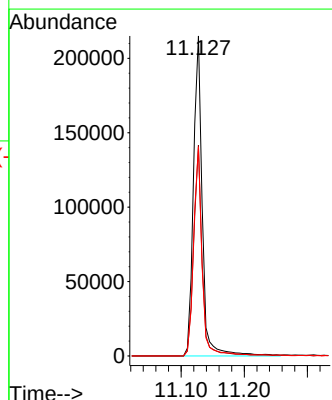
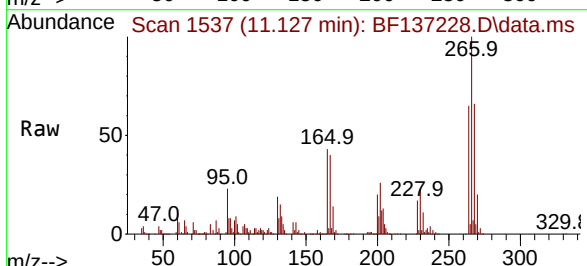
Tgt Ion:266 Resp: 210838

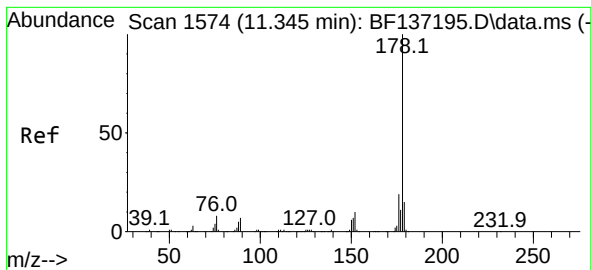
Ion Ratio Lower Upper

266 100

268 65.9 50.6 76.0

264 65.4 48.8 73.2





#71

Phenanthrene

Concen: 43.543 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

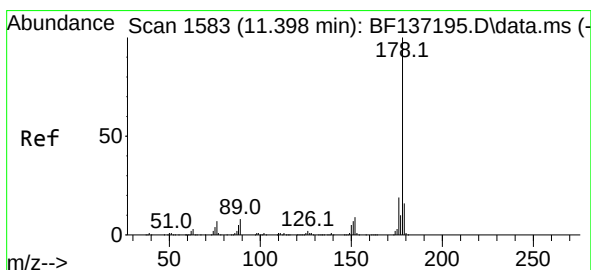
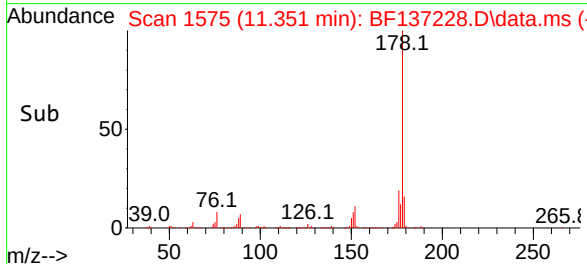
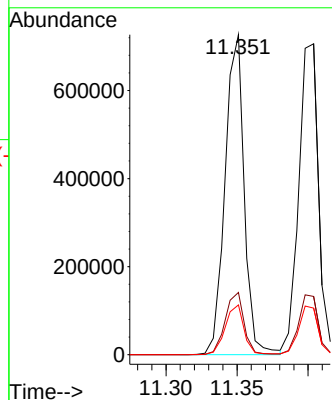
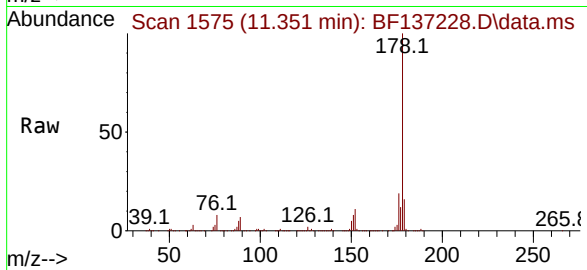
Tgt Ion:178 Resp: 682412

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

179 15.6 12.1 18.1



#72

Anthracene

Concen: 42.388 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

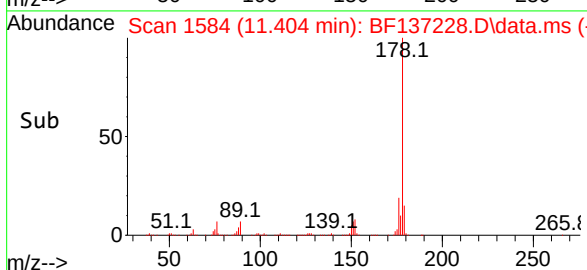
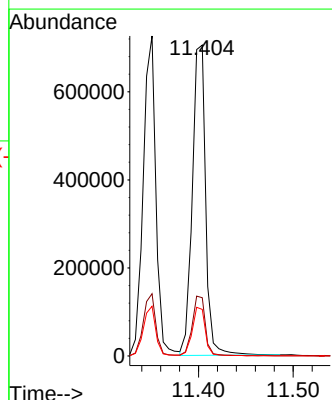
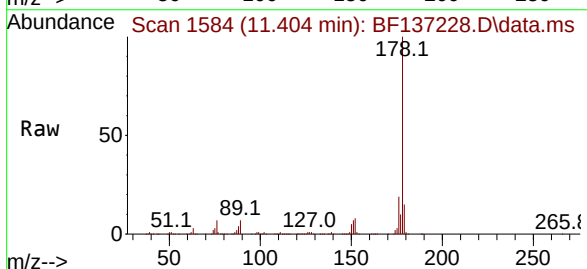
Tgt Ion:178 Resp: 692409

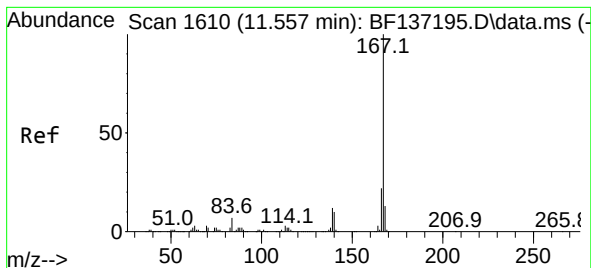
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.0 12.7 19.1





#73

Carbazole

Concen: 44.004 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

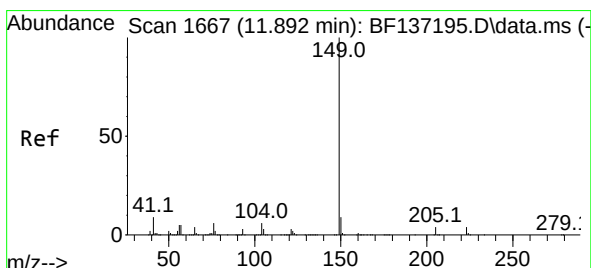
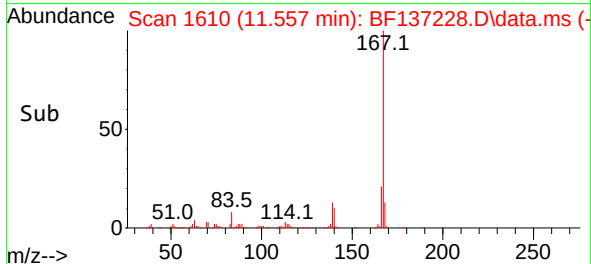
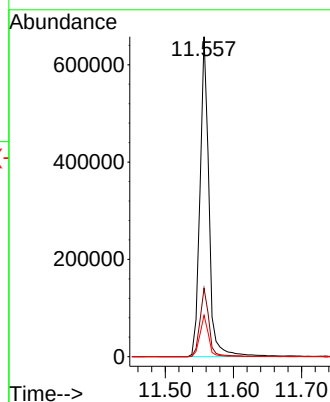
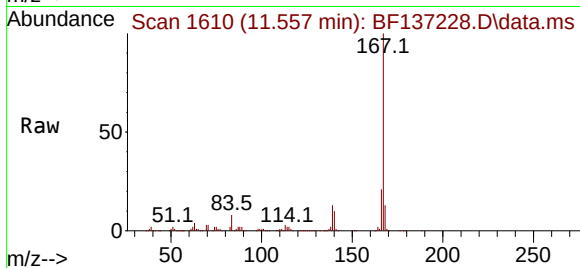
Tgt Ion:167 Resp: 600723

Ion Ratio Lower Upper

167 100

166 21.4 17.6 26.4

139 13.0 9.7 14.5



#74

Di-n-butylphthalate

Concen: 48.000 ng

RT: 11.898 min Scan# 1668

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

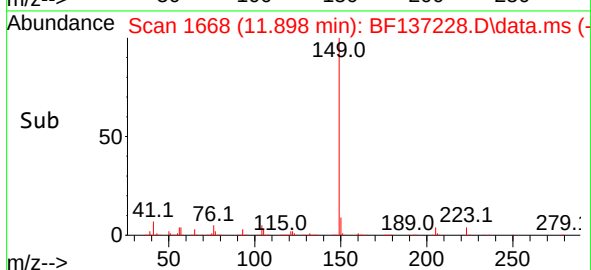
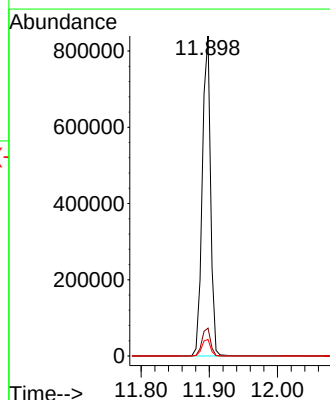
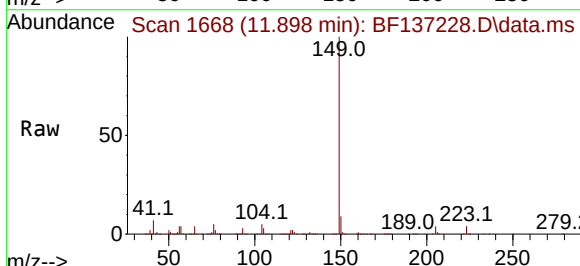
Tgt Ion:149 Resp: 708325

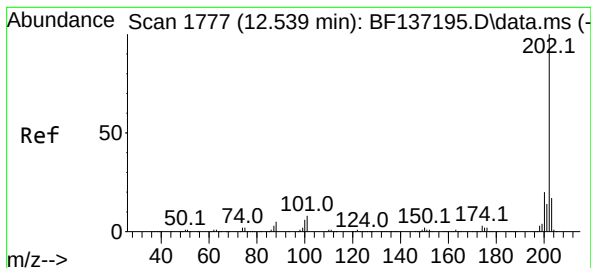
Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.0

104 5.1 4.5 6.7





#75

Fluoranthene

Concen: 43.002 ng

RT: 12.539 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

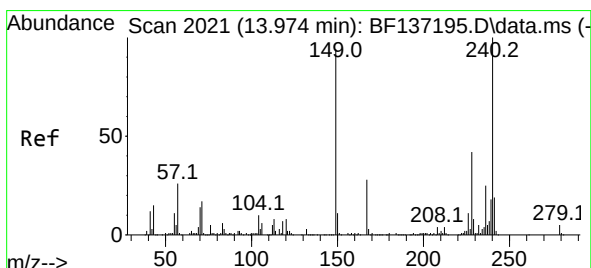
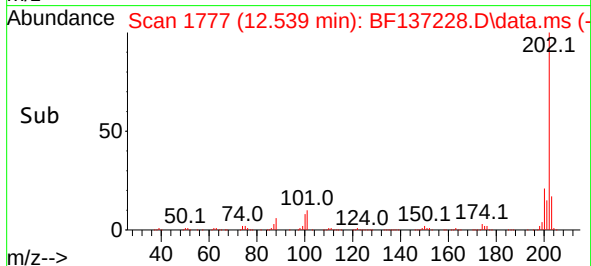
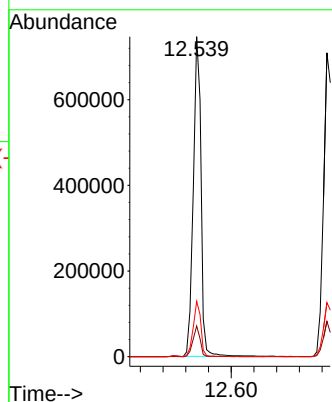
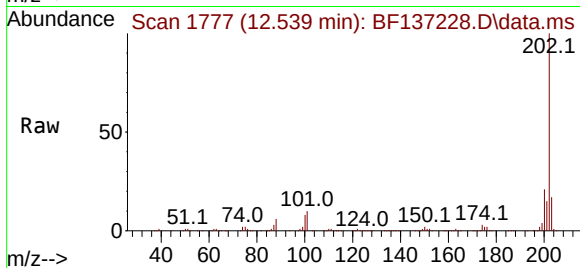
Tgt Ion:202 Resp: 705197

Ion Ratio Lower Upper

202 100

101 9.6 0.0 28.4

203 17.3 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

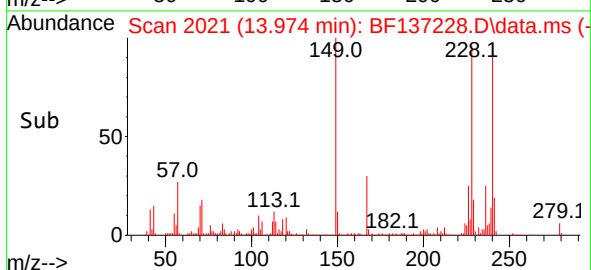
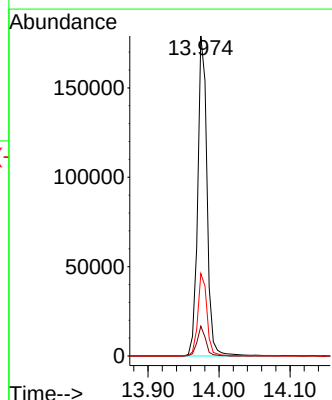
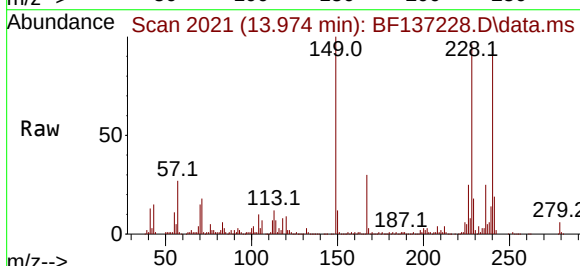
Tgt Ion:240 Resp: 163800

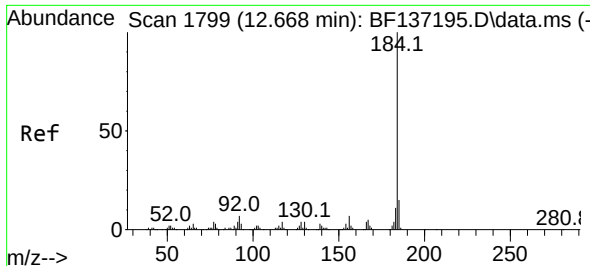
Ion Ratio Lower Upper

240 100

120 9.3 6.3 9.5

236 25.7 20.3 30.5

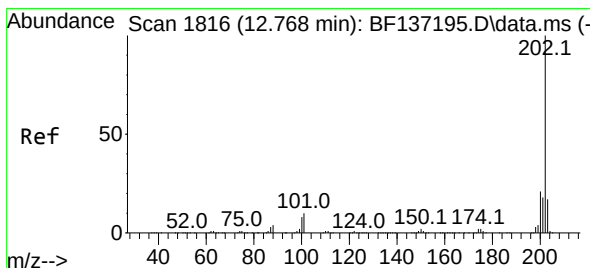
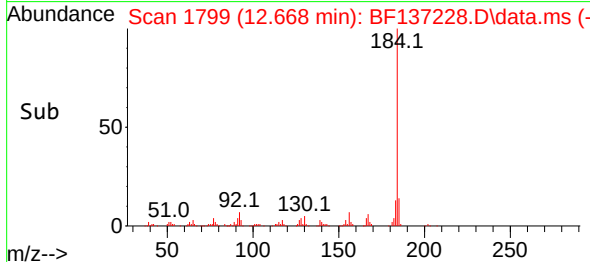
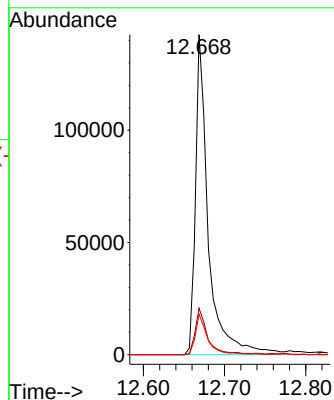
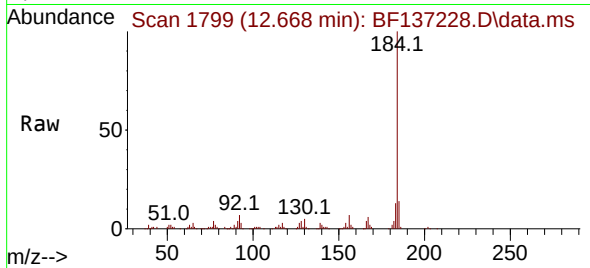




#77
Benzidine
Concen: 53.450 ng
RT: 12.668 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

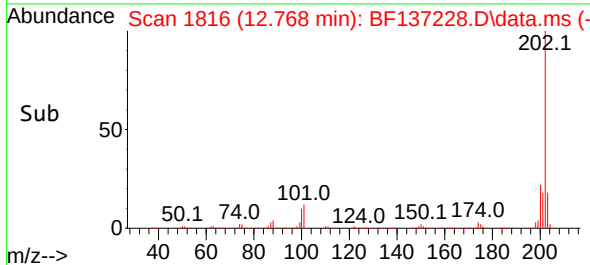
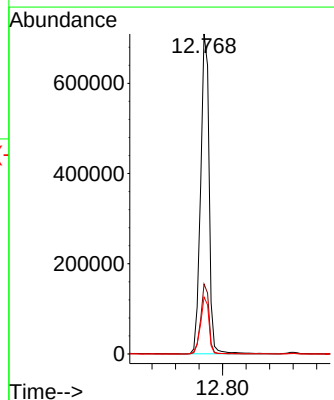
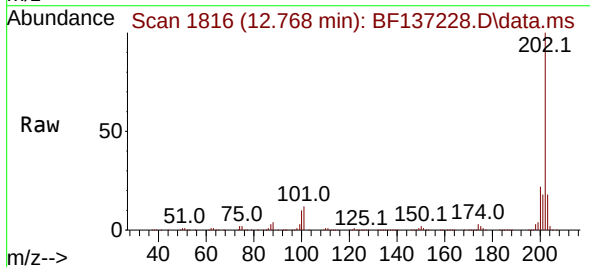
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

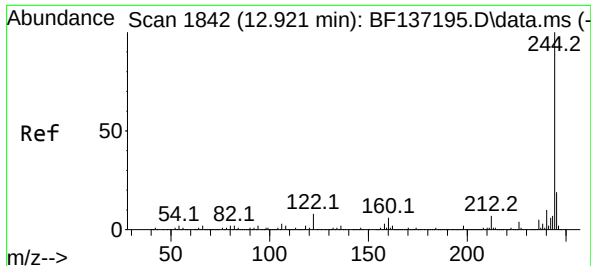
Tgt Ion:184 Resp: 156773
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 12.6 8.8 13.2



#78
Pyrene
Concen: 44.997 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:202 Resp: 708312
Ion Ratio Lower Upper
202 100
200 21.8 16.5 24.7
203 17.8 13.8 20.6

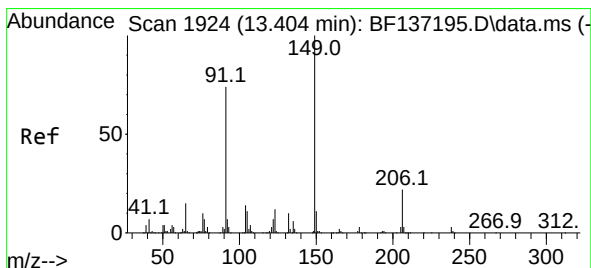
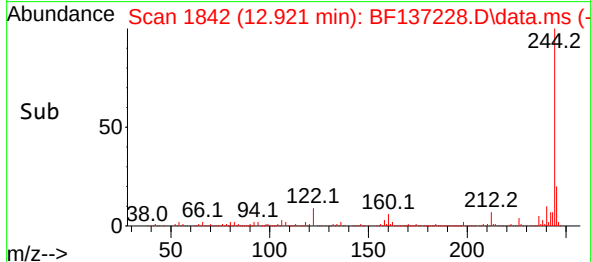
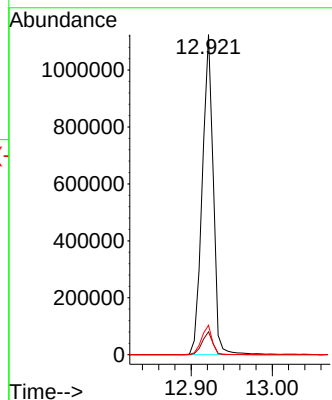
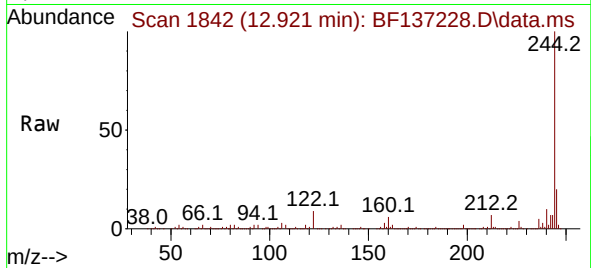




#79
 Terphenyl-d14
 Concen: 87.669 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137228.D
 Acq: 01 Feb 2024 13:17

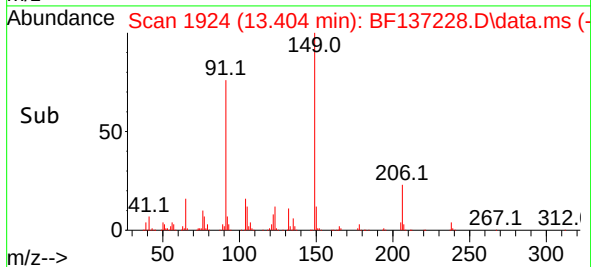
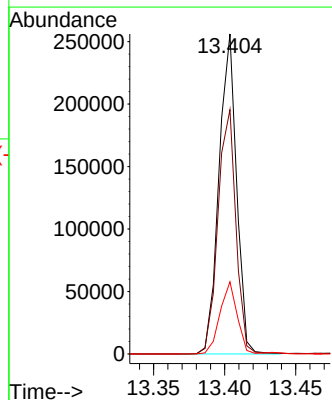
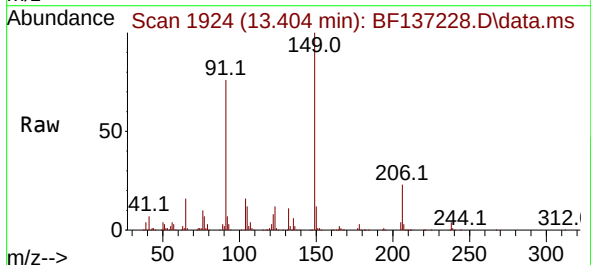
Instrument :
 BNA_F
 ClientSampleId :
 PB158741BSD

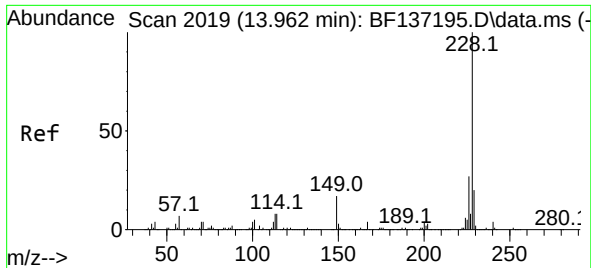
Tgt Ion:244 Resp: 1056330
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.2 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 54.685 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF137228.D
 Acq: 01 Feb 2024 13:17

Tgt Ion:149 Resp: 220206
 Ion Ratio Lower Upper
 149 100
 91 76.3 58.8 88.2
 206 22.6 17.7 26.5

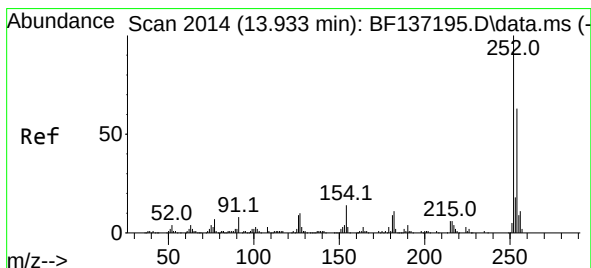
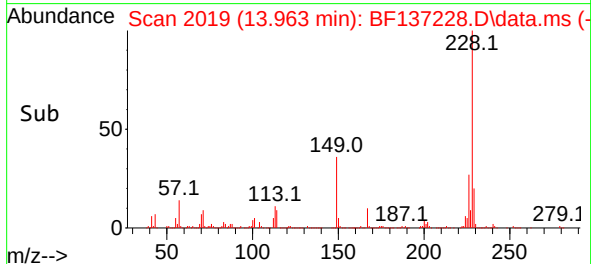
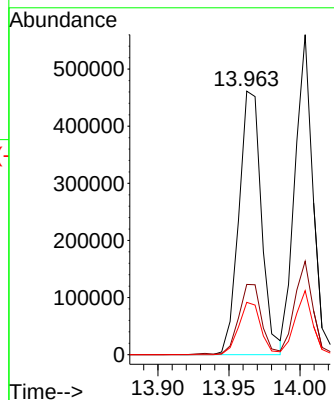
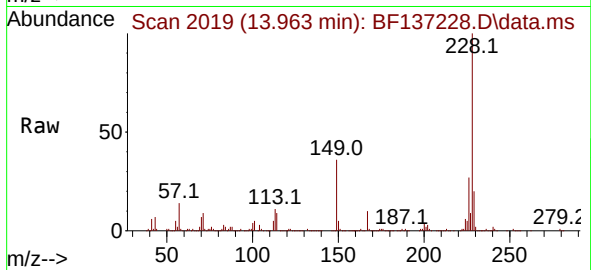




#81
Benzo(a)anthracene
Concen: 44.192 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

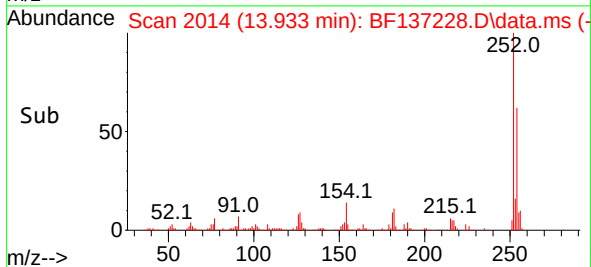
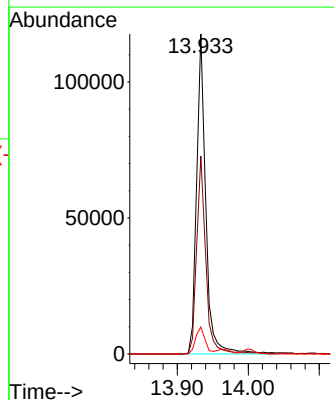
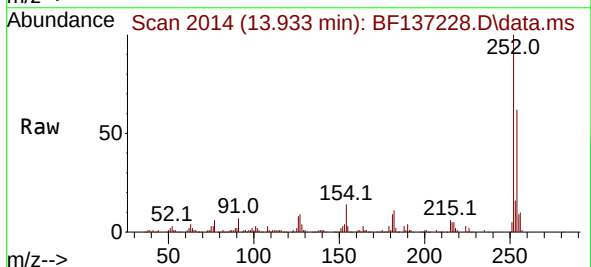
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

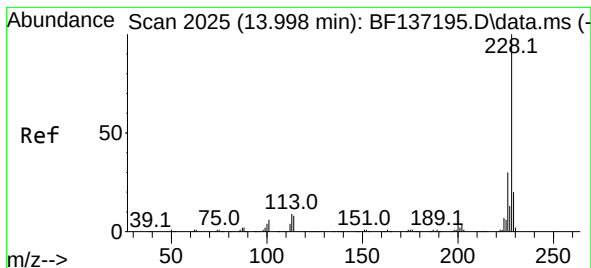
Tgt Ion:228 Resp: 512653
Ion Ratio Lower Upper
228 100
226 26.7 21.6 32.4
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 33.630 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:252 Resp: 106290
Ion Ratio Lower Upper
252 100
254 61.8 50.2 75.2
126 8.4 7.0 10.6





#83

Chrysene

Concen: 43.845 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

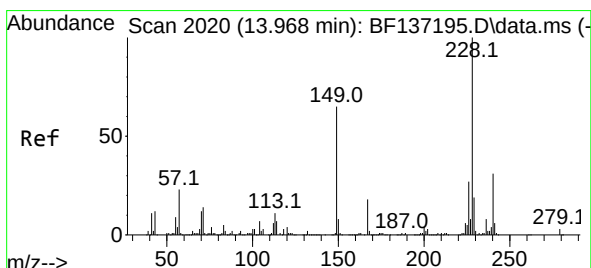
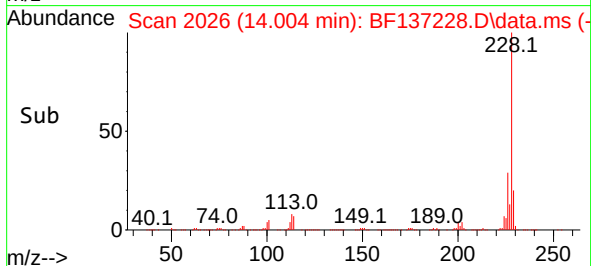
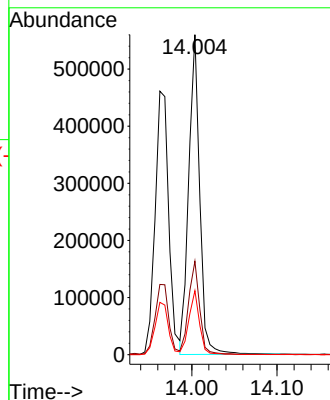
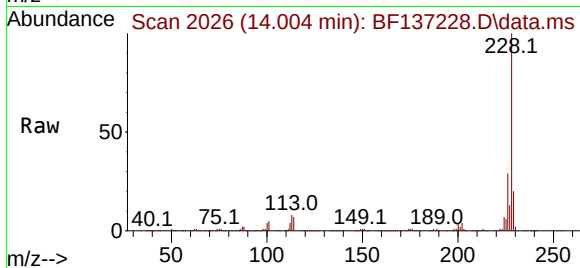
Tgt Ion:228 Resp: 500046

Ion Ratio Lower Upper

228 100

226 29.2 23.7 35.5

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.708 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

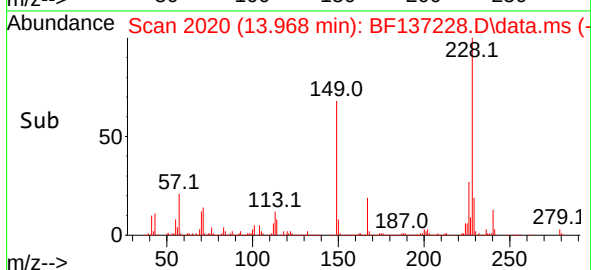
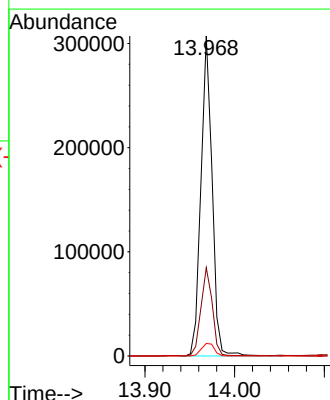
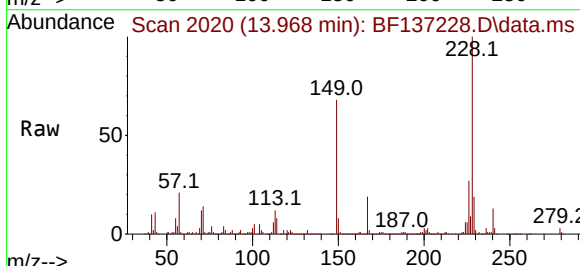
Tgt Ion:149 Resp: 265669

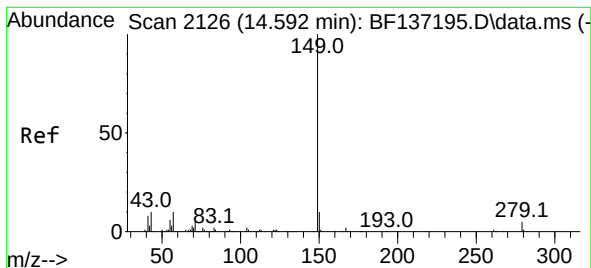
Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

279 3.9 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 55.986 ng

RT: 14.586 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

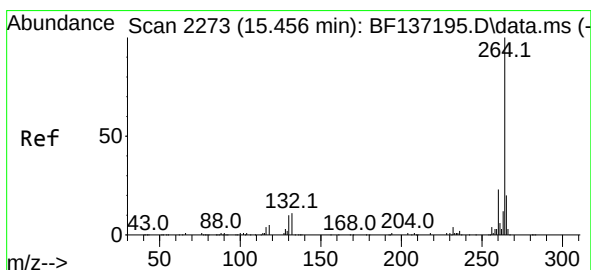
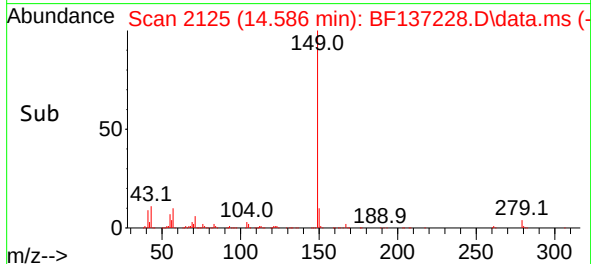
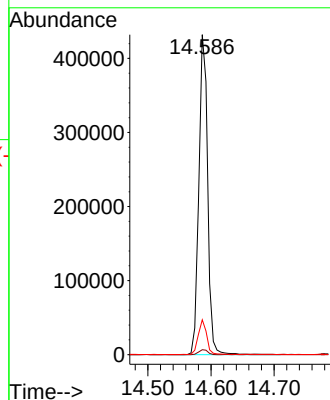
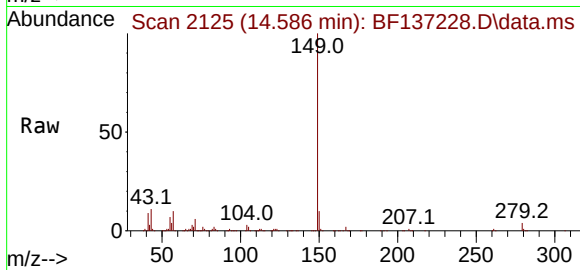
Tgt Ion:149 Resp: 417043

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 10.6 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

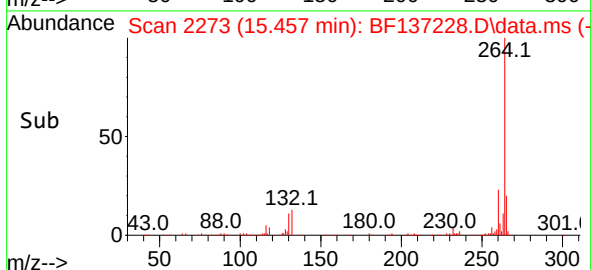
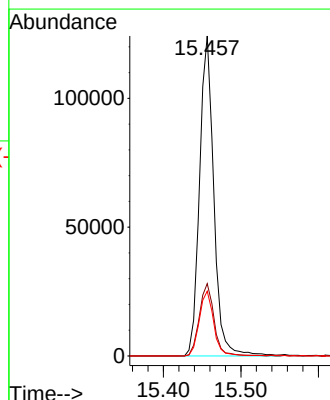
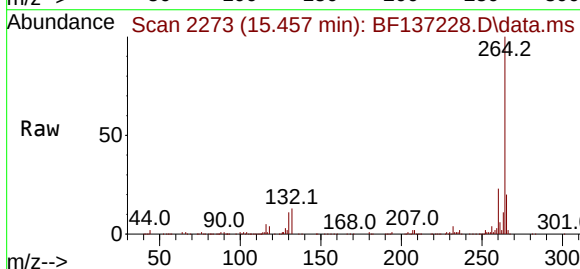
Tgt Ion:264 Resp: 158882

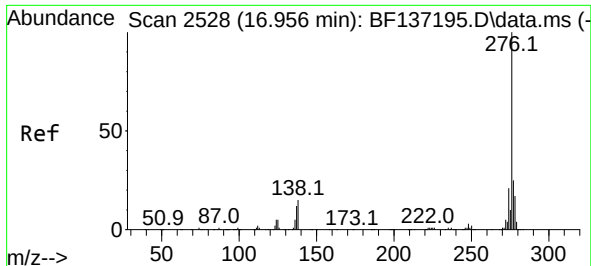
Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 20.2 16.2 24.2

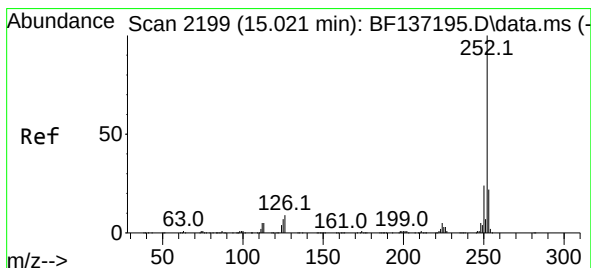
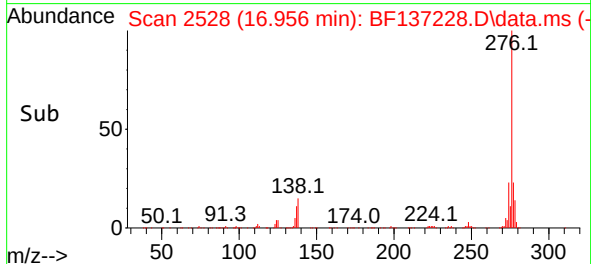
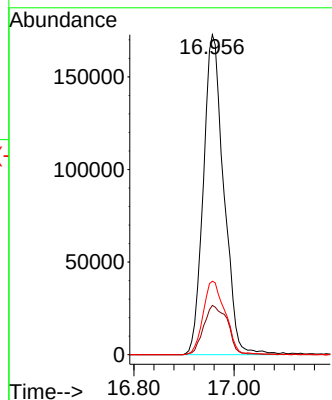
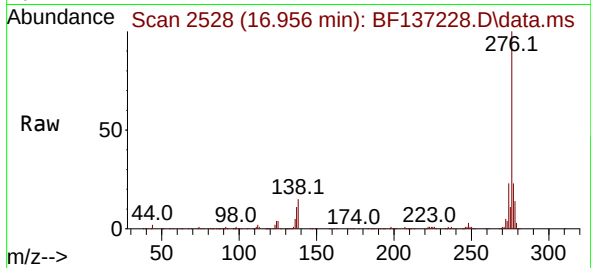




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.914 ng
RT: 16.956 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

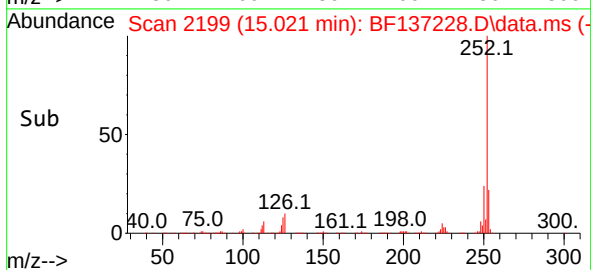
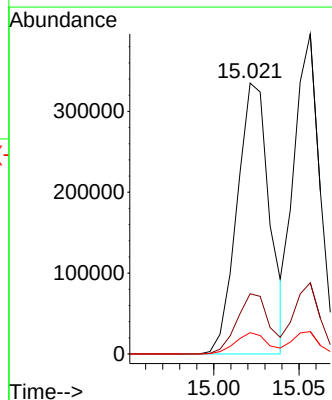
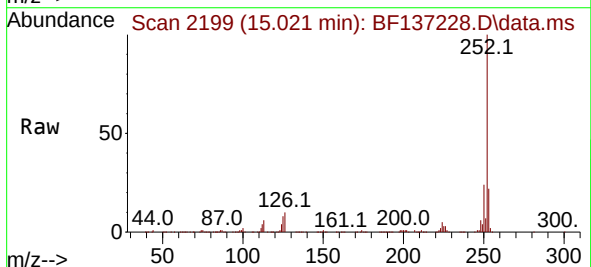
Instrument :
BNA_F
ClientSampleId :
PB158741BSD

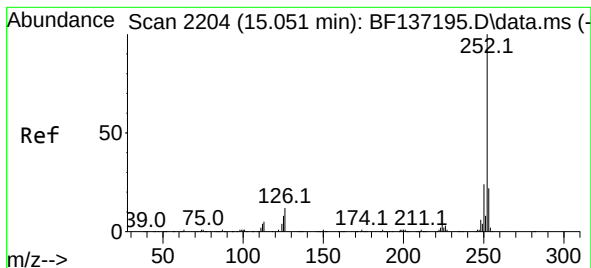
Tgt Ion:276 Resp: 490189
Ion Ratio Lower Upper
276 100
138 18.0 14.6 21.8
277 24.5 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 45.546 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:252 Resp: 445032
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 7.9 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 41.700 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB158741BSD

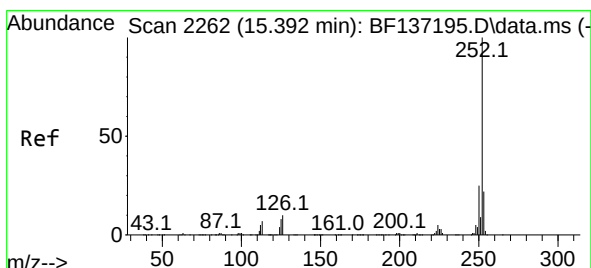
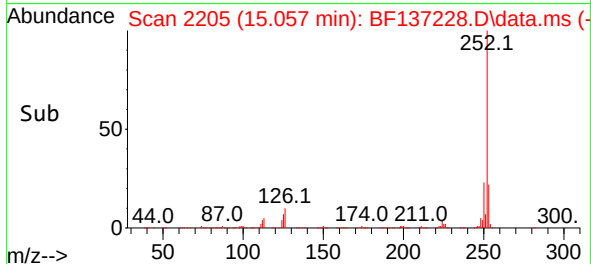
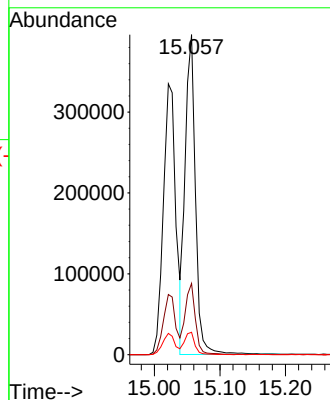
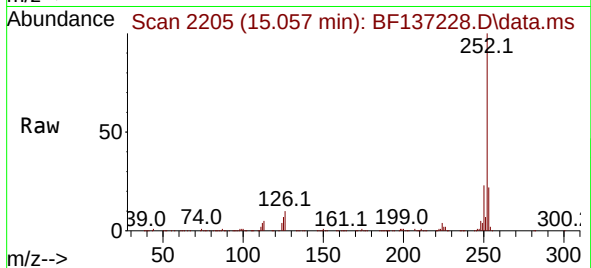
Tgt Ion:252 Resp: 431040

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 7.0 5.9 8.9



#90

Benzo(a)pyrene

Concen: 43.311 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF137228.D

Acq: 01 Feb 2024 13:17

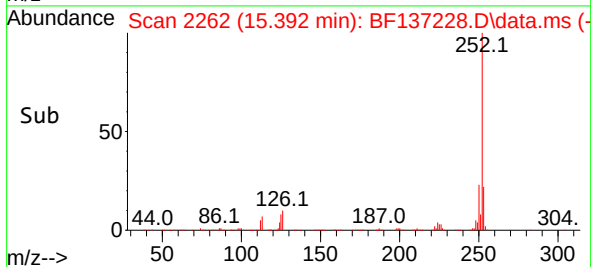
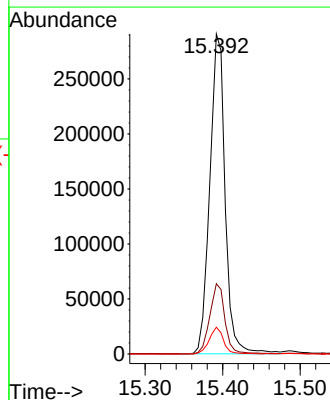
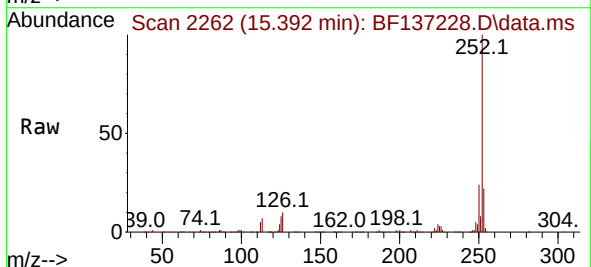
Tgt Ion:252 Resp: 398255

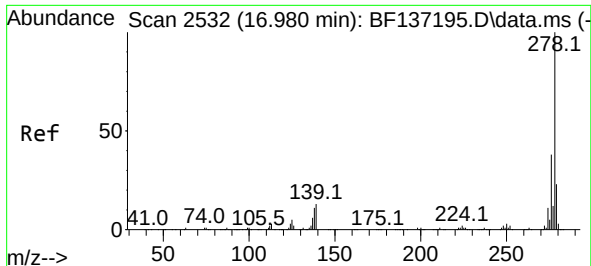
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.3 6.5 9.7

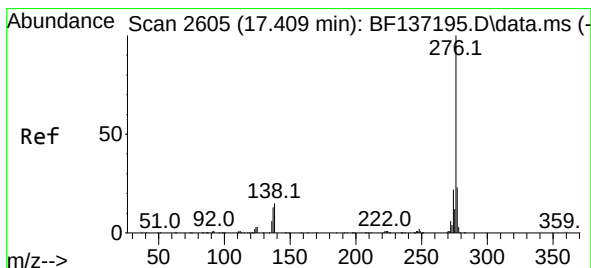
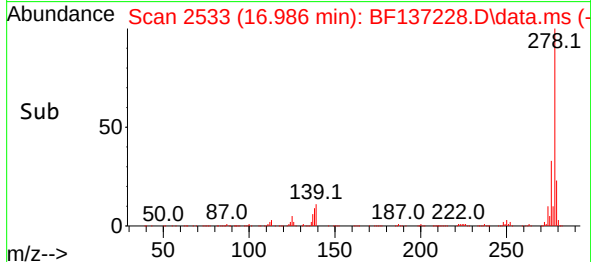
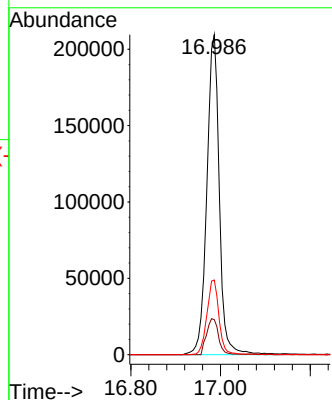
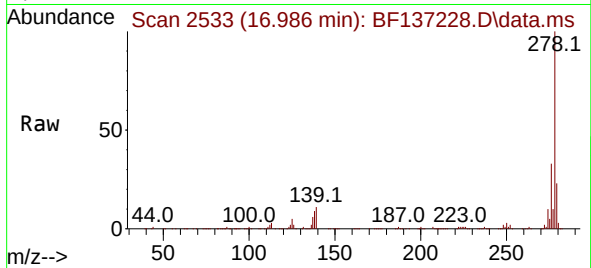




#91
Dibenzo(a,h)anthracene
Concen: 45.188 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB158741BSD

Tgt Ion:278 Resp: 404165
Ion Ratio Lower Upper
278 100
139 10.9 10.0 15.0
279 23.3 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 43.521 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF137228.D
Acq: 01 Feb 2024 13:17

Tgt Ion:276 Resp: 382050
Ion Ratio Lower Upper
276 100
277 22.7 18.4 27.6
138 16.1 11.8 17.8

