

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137456.D
 Acq On : 01 Mar 2024 13:47
 Operator : CG\JU
 Sample : P1653-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 294MS

Quant Time: Mar 01 14:44:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 12:53:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	184232	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	707501	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	369862	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	549301	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	375688	20.000	ng	-0.01
86) Perylene-d12	15.586	264	365535	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1039409	85.448	ng	0.00
7) Phenol-d6	6.510	99	1398979	79.674	ng	-0.02
23) Nitrobenzene-d5	7.428	82	856642	56.259	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	245554	75.601	ng	-0.02
45) 2-Fluorobiphenyl	9.222	172	1377516	58.300	ng	-0.01
79) Terphenyl-d14	12.992	244	1165089	42.645	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	279732	42.057	ng	100
3) Pyridine	3.522	79	628371	39.172	ng	98
4) n-Nitrosodimethylamine	3.505	42	288948	44.747	ng	97
6) Aniline	6.540	93	595963	27.777	ng	100
8) 2-Chlorophenol	6.657	128	584213	45.535	ng	96
9) Benzaldehyde	6.428	77	444310	51.651	ng	99
10) Phenol	6.528	94	837695	44.325	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	618976	44.694	ng	98
12) 1,3-Dichlorobenzene	6.810	146	624168	45.527	ng	98
13) 1,4-Dichlorobenzene	6.887	146	641607	45.740	ng	99
14) 1,2-Dichlorobenzene	7.034	146	606593	47.113	ng	99
15) Benzyl Alcohol	7.010	79	527753	48.279	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	1037365	43.577	ng	99
17) 2-Methylphenol	7.122	107	471147	39.244	ng	98
18) Hexachloroethane	7.375	117	216943	46.969	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	450348	41.535	ng	97
20) 3+4-Methylphenols	7.275	107	557042	40.513	ng	91
22) Acetophenone	7.275	105	773119	45.163	ng	# 98
24) Nitrobenzene	7.445	77	677239	44.275	ng	99
25) Isophorone	7.687	82	1274501	44.057	ng	98
26) 2-Nitrophenol	7.763	139	291032	47.924	ng	96
27) 2,4-Dimethylphenol	7.798	122	408244	35.978	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	757439	44.626	ng	100
29) 2,4-Dichlorophenol	8.004	162	465439	44.693	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	508362	46.386	ng	99
31) Naphthalene	8.163	128	1644266	43.316	ng	99
32) Benzoic acid	7.934	122	239346	38.120	ng	96
33) 4-Chloroaniline	8.216	127	161975	10.882	ng	98
34) Hexachlorobutadiene	8.281	225	297603	45.997	ng	99
35) Caprolactam	8.587	113	108930	30.847	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	494952	42.518	ng	99
37) 2-Methylnaphthalene	8.857	142	1011049	41.780	ng	99
38) 1-Methylnaphthalene	8.957	142	938749	41.193	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	477359	46.230	ng	99
41) Hexachlorocyclopentadiene	9.010	237	314108	75.104	ng	99
43) 2,4,6-Trichlorophenol	9.134	196	308548	45.887	ng	99

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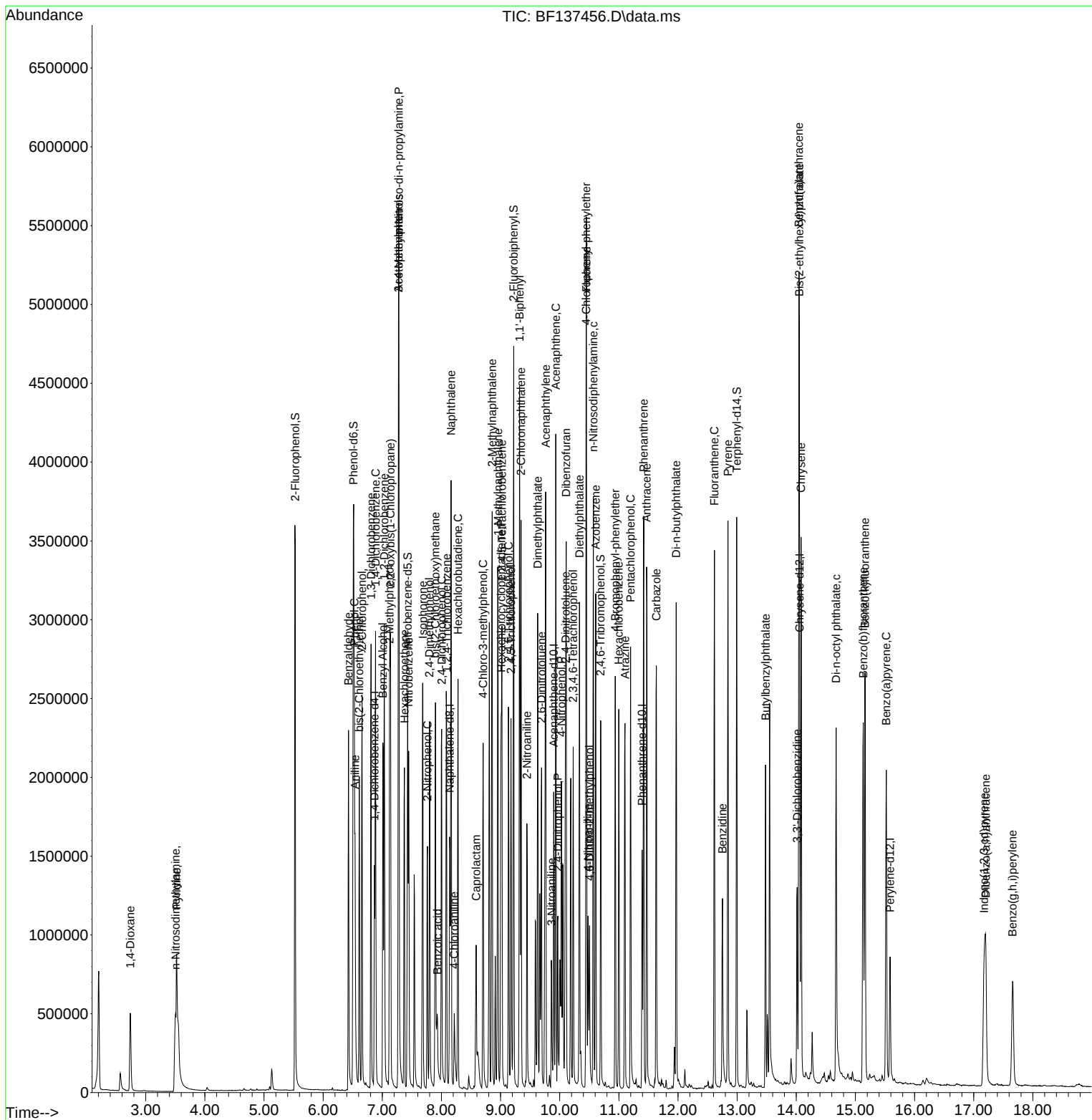
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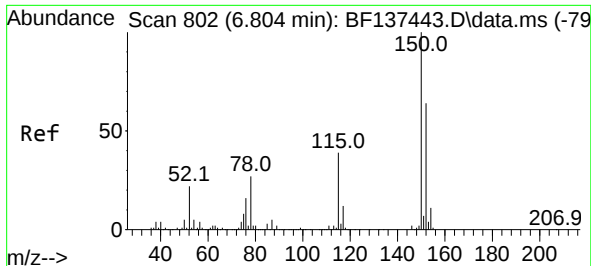
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	328069	42.354	ng	95
46) 1,1'-Biphenyl	9.322	154	1224446	45.232	ng	99
47) 2-Chloronaphthalene	9.345	162	937324	45.415	ng	99
48) 2-Nitroaniline	9.445	65	312086	44.488	ng	93
49) Acenaphthylene	9.763	152	1491008	45.142	ng	99
50) Dimethylphthalate	9.628	163	1147775	44.580	ng	99
51) 2,6-Dinitrotoluene	9.692	165	236579	43.932	ng	92
52) Acenaphthene	9.934	154	831407	42.163	ng	99
53) 3-Nitroaniline	9.863	138	141584	24.856	ng	92
54) 2,4-Dinitrophenol	9.969	184	148964	59.108	ng	96
55) Dibenzofuran	10.110	168	1274364	42.431	ng	99
56) 4-Nitrophenol	10.028	139	300576	74.500	ng	93
57) 2,4-Dinitrotoluene	10.098	165	294737	44.548	ng	99
58) Fluorene	10.451	166	931201	40.372	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	254961	41.047	ng	91
60) Diethylphthalate	10.333	149	1065252	43.814	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	462873	40.947	ng	99
62) 4-Nitroaniline	10.481	138	176391	36.030	ng	97
63) Azobenzene	10.610	77	1180743	42.175	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	125455	40.978	ng	94
66) n-Nitrosodiphenylamine	10.569	169	843071	47.663	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	282069	47.146	ng	97
68) Hexachlorobenzene	10.998	284	294980	48.815	ng	98
69) Atrazine	11.104	200	265950	49.459	ng	98
70) Pentachlorophenol	11.198	266	303549	83.096	ng	99
71) Phenanthrene	11.422	178	1333076	44.593	ng	99
72) Anthracene	11.469	178	1356826	44.192	ng	98
73) Carbazole	11.633	167	1137519	43.253	ng	99
74) Di-n-butylphthalate	11.969	149	1520187	48.584	ng	99
75) Fluoranthene	12.616	202	1289673	44.135	ng	99
77) Benzidine	12.751	184	548800	59.692	ng	98
78) Pyrene	12.845	202	1313680	35.636	ng	100
80) Butylbenzylphthalate	13.480	149	422551	44.883	ng	98
81) Benzo(a)anthracene	14.045	228	1206041	45.802	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	290650	41.450	ng	100
83) Chrysene	14.080	228	1218397	45.782	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	637531	53.279	ng	98
85) Di-n-octyl phthalate	14.674	149	1329915	56.538	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	779556	32.408	ng	99
88) Benzo(b)fluoranthene	15.133	252	1144913	52.949	ng	99
89) Benzo(k)fluoranthene	15.163	252	1155128	49.736	ng	99
90) Benzo(a)pyrene	15.521	252	999185	46.892	ng	100
91) Dibenzo(a,h)anthracene	17.204	278	627701	32.168	ng	98
92) Benzo(g,h,i)perylene	17.657	276	578112	28.848	ng	99

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

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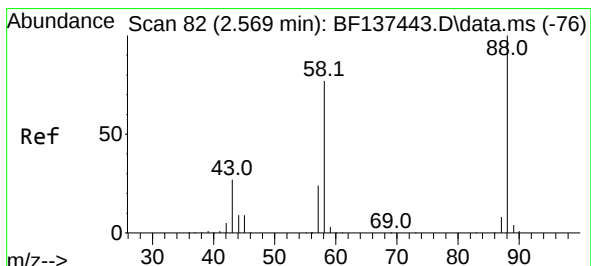
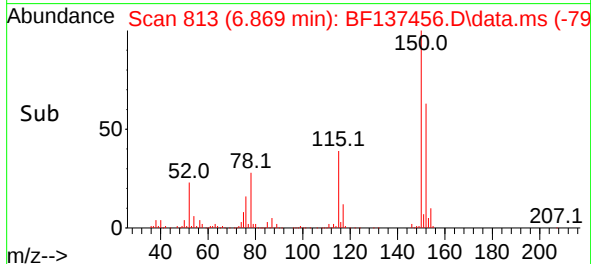
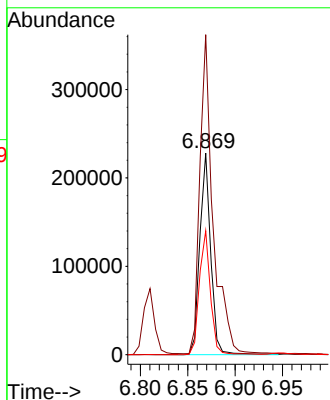
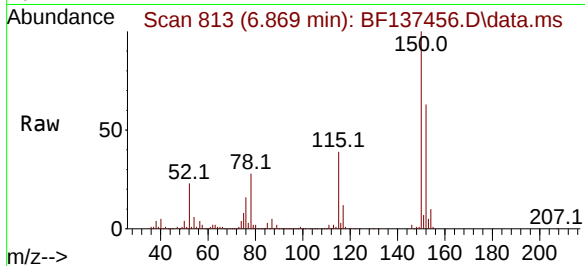




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

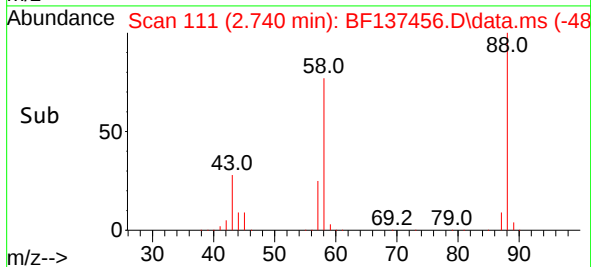
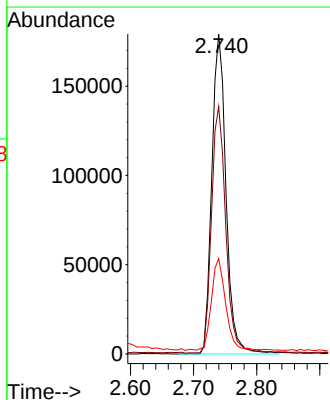
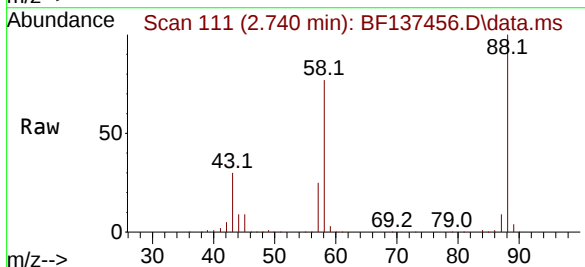
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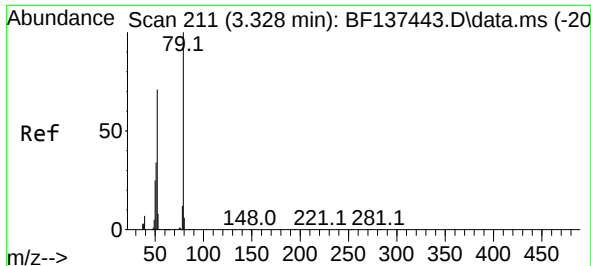
Tgt Ion:152 Resp: 184232
Ion Ratio Lower Upper
152 100
150 158.7 125.8 188.6
115 61.4 48.8 73.2



#2
1,4-Dioxane
Concen: 42.057 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion: 88 Resp: 279732
Ion Ratio Lower Upper
88 100
58 77.3 61.8 92.8
43 27.9 22.2 33.4





#3

Pyridine

Concen: 39.172 ng

RT: 3.522 min Scan# 24

Delta R.T. 0.006 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

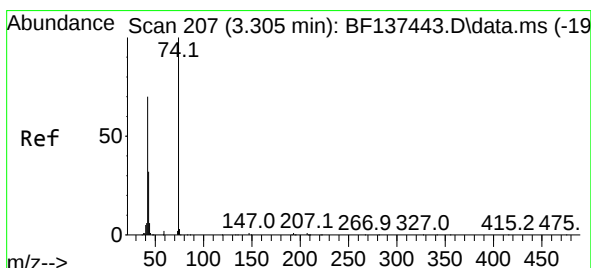
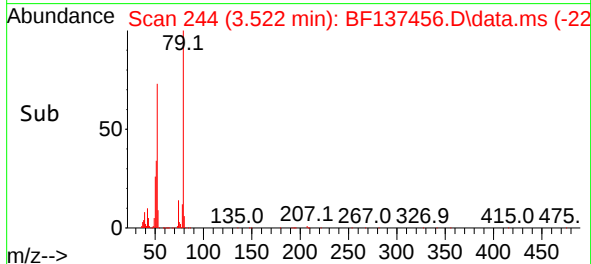
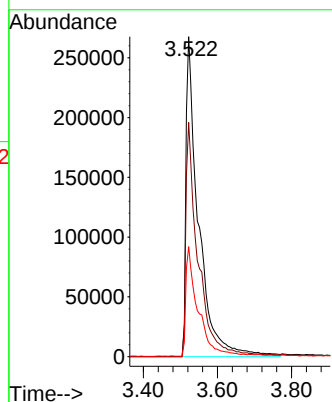
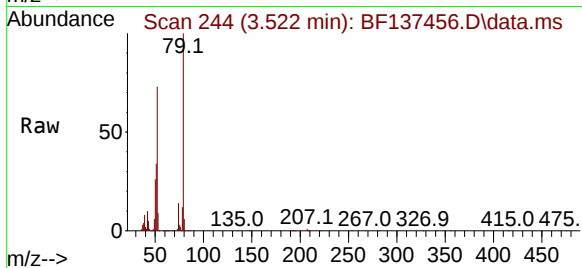
Tgt Ion: 79 Resp: 628371

Ion Ratio Lower Upper

79 100

52 73.2 57.0 85.4

51 34.4 27.5 41.3



#4

n-Nitrosodimethylamine

Concen: 44.747 ng

RT: 3.505 min Scan# 241

Delta R.T. 0.006 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

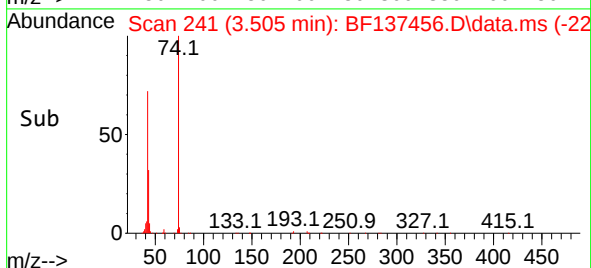
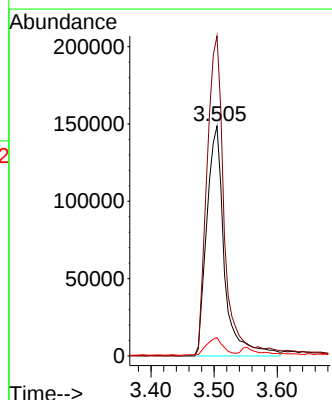
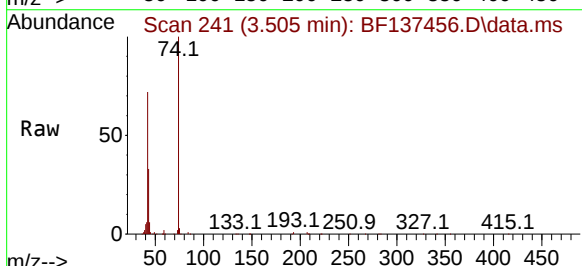
Tgt Ion: 42 Resp: 288948

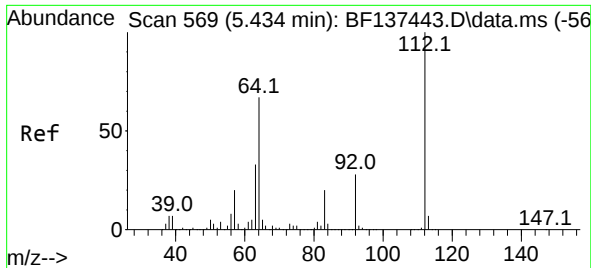
Ion Ratio Lower Upper

42 100

74 139.3 114.0 171.0

44 8.0 7.0 10.4

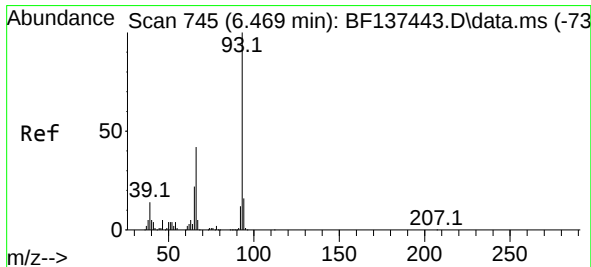
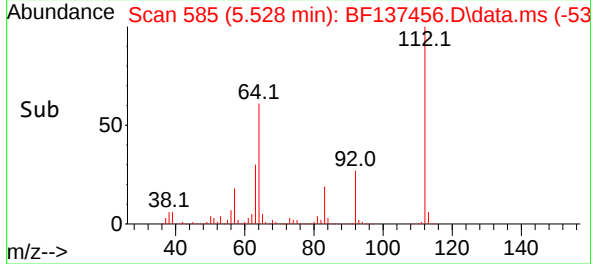
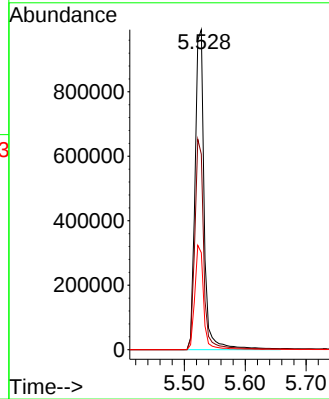
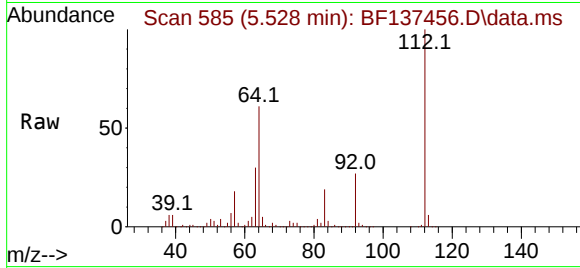




#5
2-Fluorophenol
Concen: 85.448 ng
RT: 5.528 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

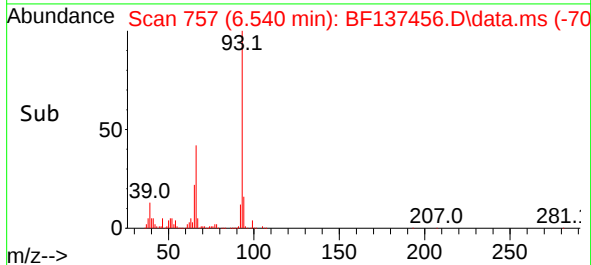
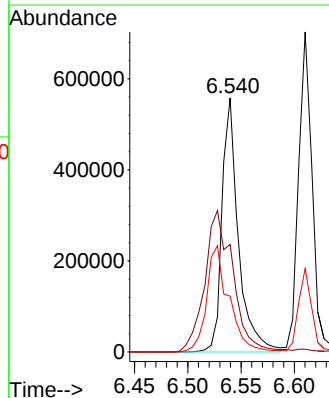
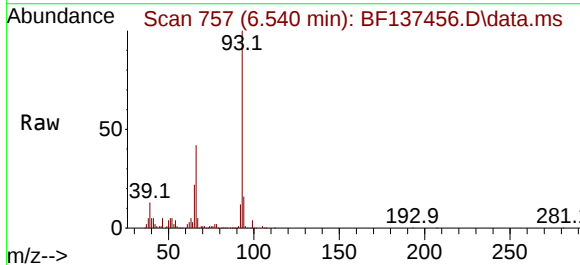
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1039409
Ion Ratio Lower Upper
112 100
64 61.1 53.4 80.2
63 30.3 26.2 39.2



#6
Aniline
Concen: 27.777 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion: 93 Resp: 595963
Ion Ratio Lower Upper
93 100
66 42.3 34.0 51.0
65 22.0 17.8 26.8

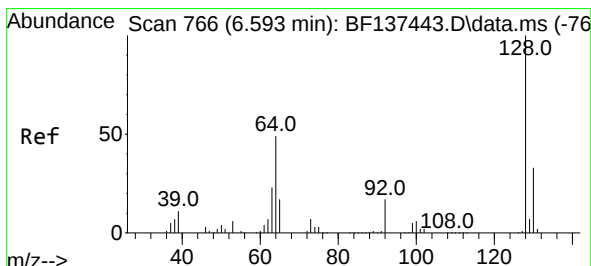
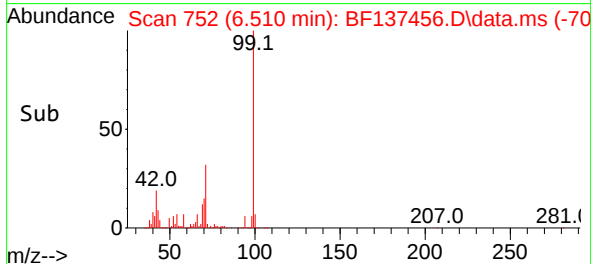
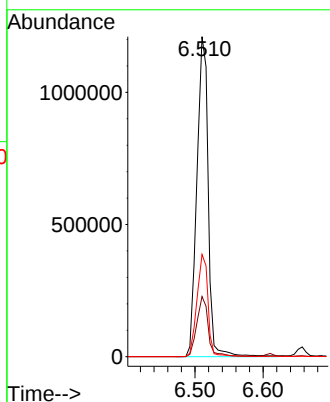
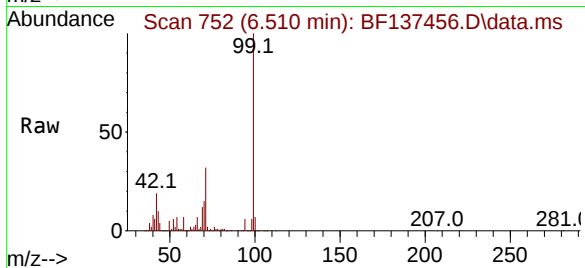




#7
Phenol-d6
Concen: 79.674 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

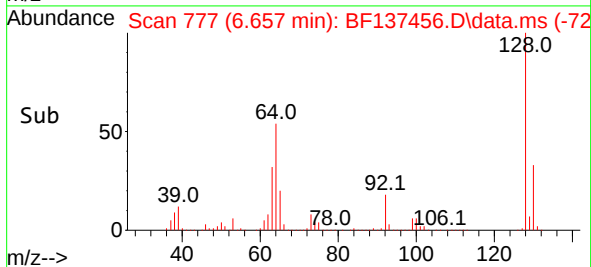
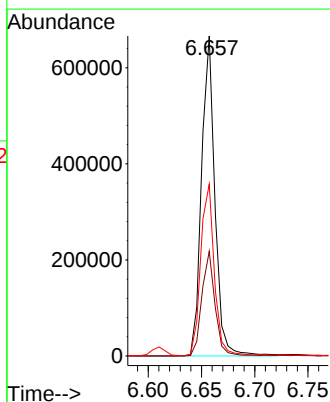
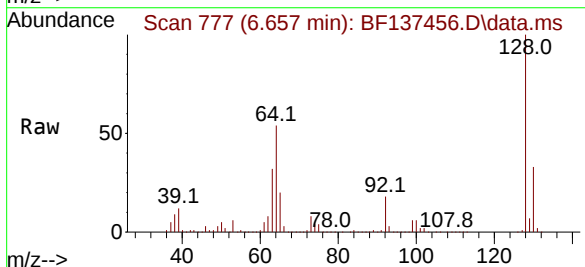
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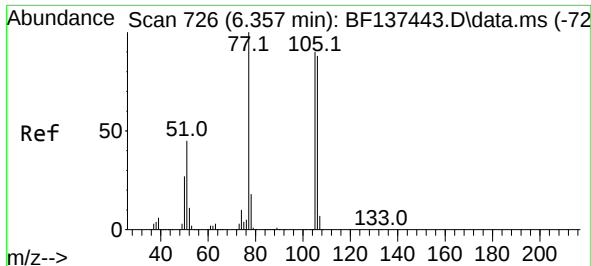
Tgt Ion: 99 Resp: 1398979
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 32.0 25.3 37.9



#8
2-Chlorophenol
Concen: 45.535 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:128 Resp: 584213
Ion Ratio Lower Upper
128 100
130 32.7 13.4 53.4
64 53.7 30.0 70.0

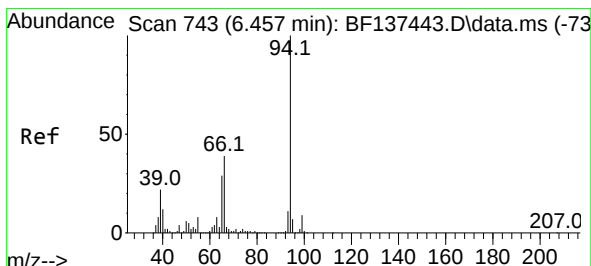
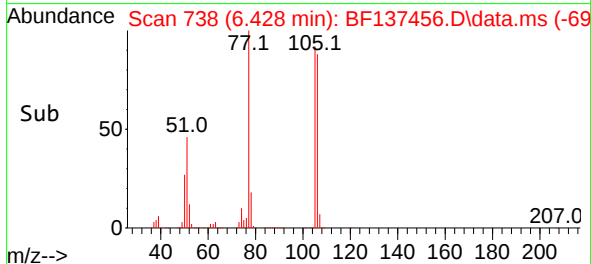
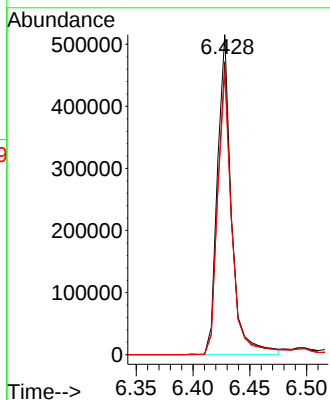
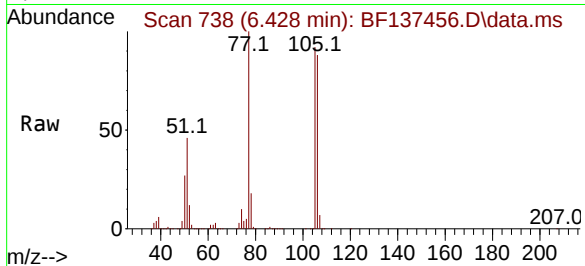




#9
Benzaldehyde
Concen: 51.651 ng
RT: 6.428 min Scan# 710
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

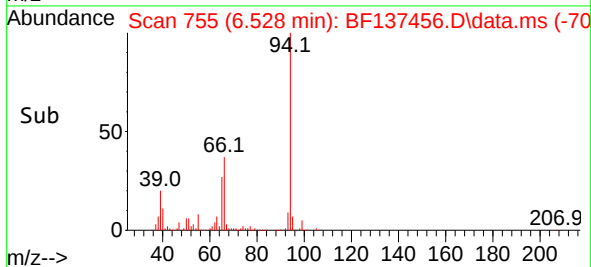
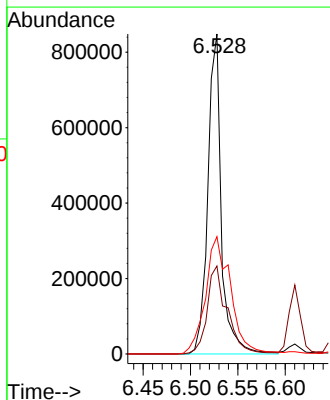
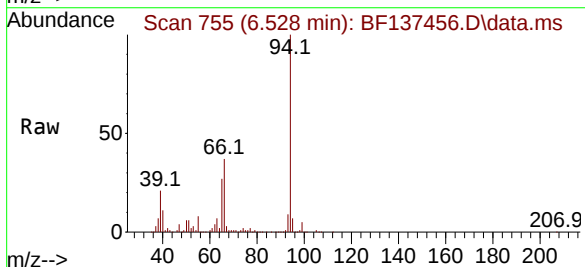
Instrument :
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ClientSampleId :
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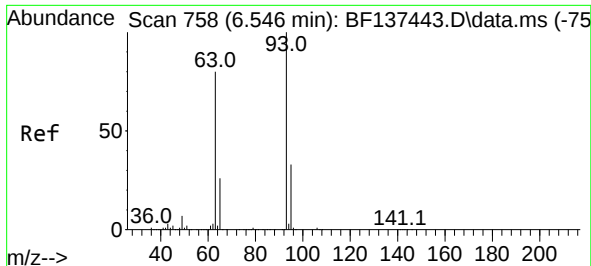
Tgt Ion: 77 Resp: 444310
Ion Ratio Lower Upper
77 100
105 91.5 69.8 109.8
106 88.0 67.8 107.8



#10
Phenol
Concen: 44.325 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion: 94 Resp: 837695
Ion Ratio Lower Upper
94 100
65 27.5 8.7 48.7
66 36.6 18.6 58.6

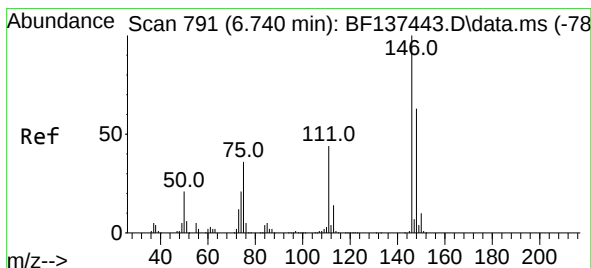
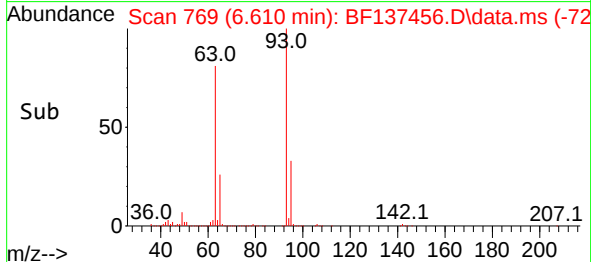
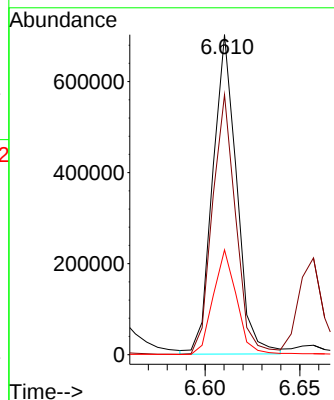
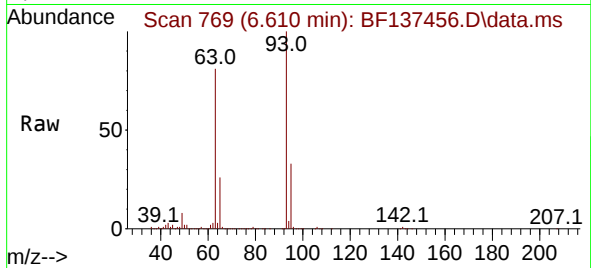




#11
bis(2-Chloroethyl)ether
Concen: 44.694 ng
RT: 6.610 min Scan# 710
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

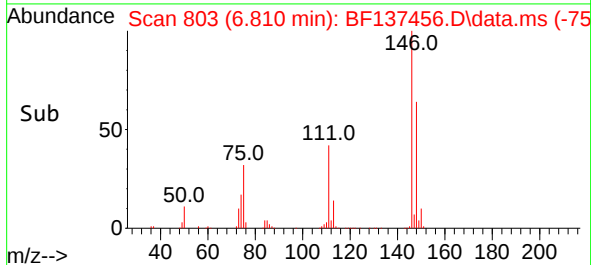
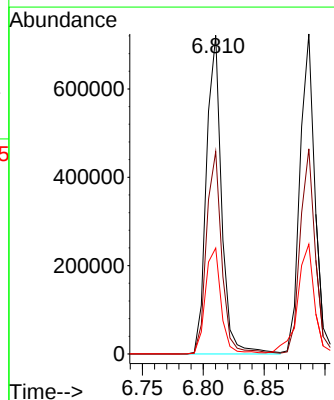
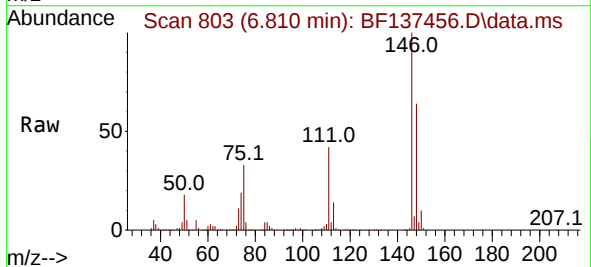
Instrument :
BNA_F
ClientSampleId :
294MS

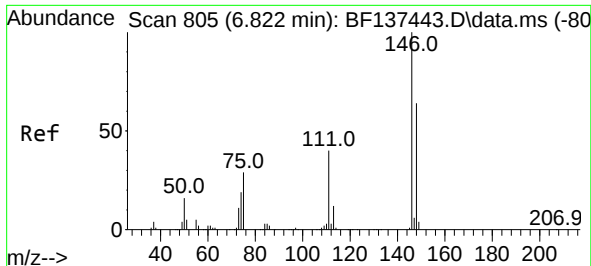
Tgt Ion: 93 Resp: 618976
Ion Ratio Lower Upper
93 100
63 81.2 58.9 98.9
95 32.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 45.527 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion: 146 Resp: 624168
Ion Ratio Lower Upper
146 100
148 63.5 50.3 75.5
75 33.2 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 45.740 ng

RT: 6.887 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

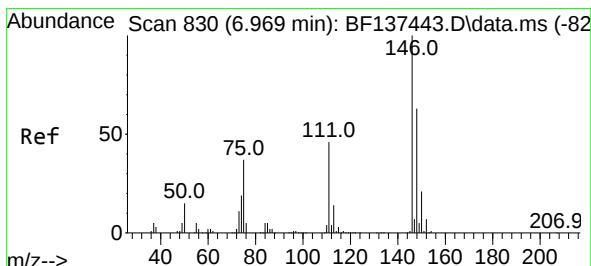
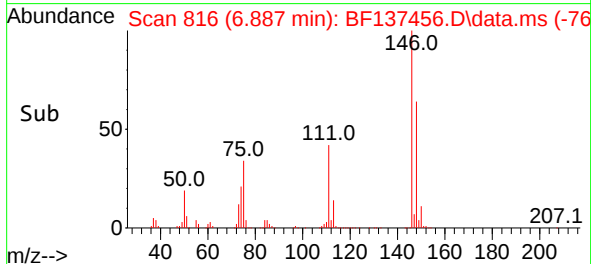
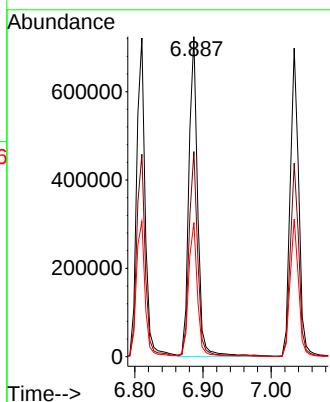
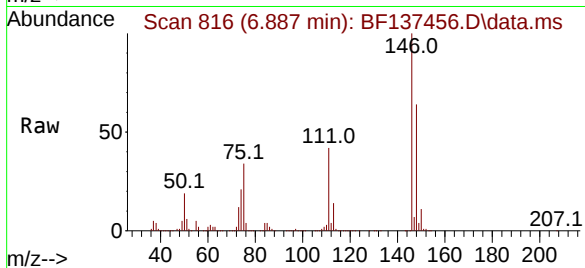
Tgt Ion:146 Resp: 641607

Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

111 41.9 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 47.113 ng

RT: 7.034 min Scan# 841

Delta R.T. -0.018 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

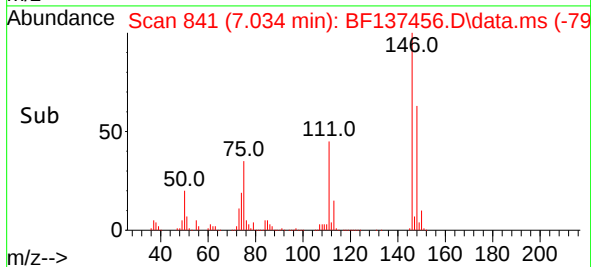
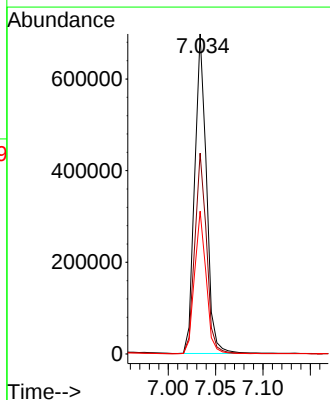
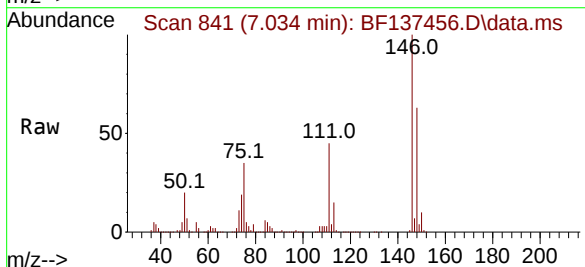
Tgt Ion:146 Resp: 606593

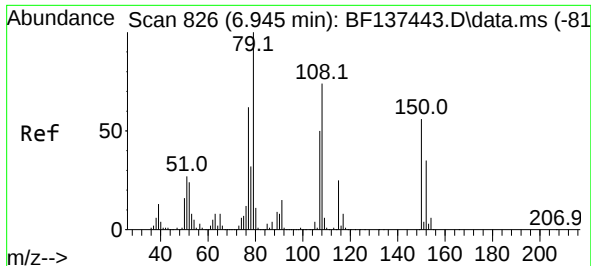
Ion Ratio Lower Upper

146 100

148 62.7 50.0 75.0

111 44.6 36.8 55.2

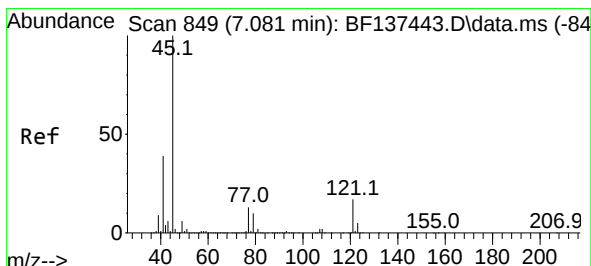
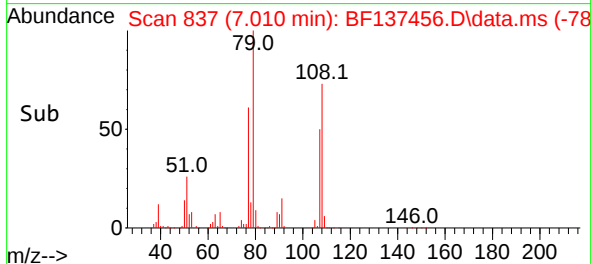
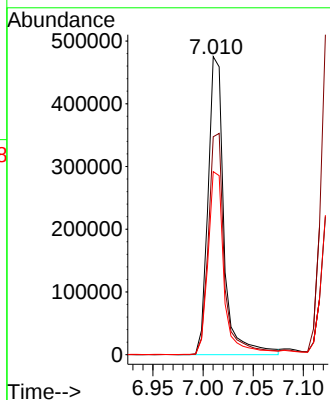
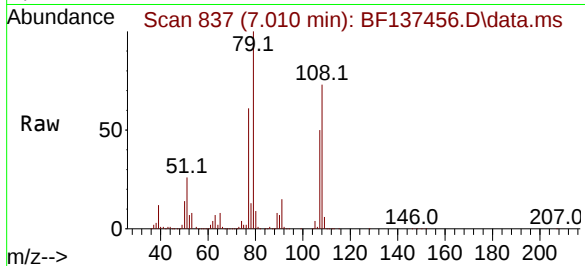




#15
Benzyl Alcohol
Concen: 48.279 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

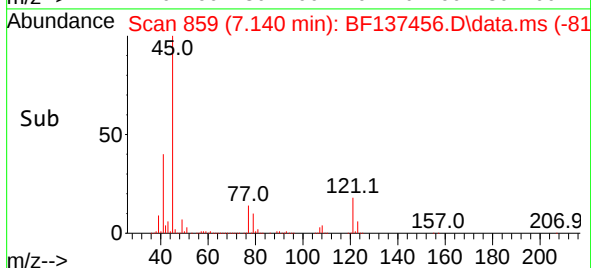
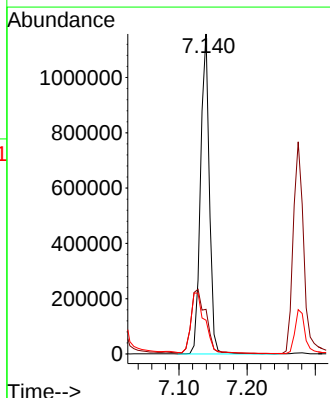
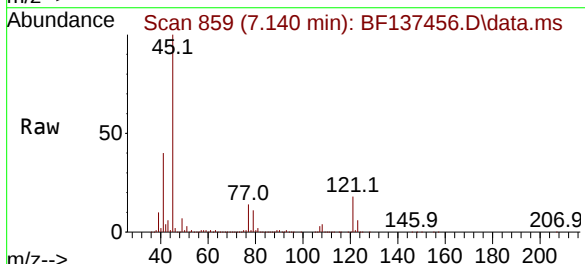
Instrument :
BNA_F
ClientSampleId :
294MS

Tgt Ion: 79 Resp: 527753
Ion Ratio Lower Upper
79 100
108 73.1 59.5 89.3
77 61.4 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.577 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion: 45 Resp: 1037365
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.4
79 10.6 0.0 30.9

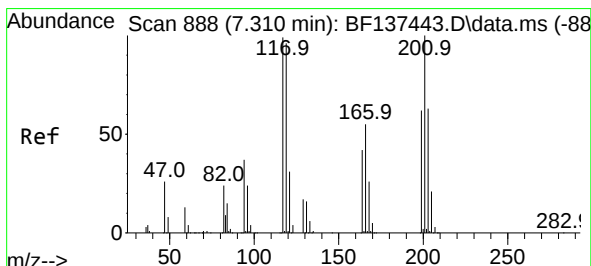
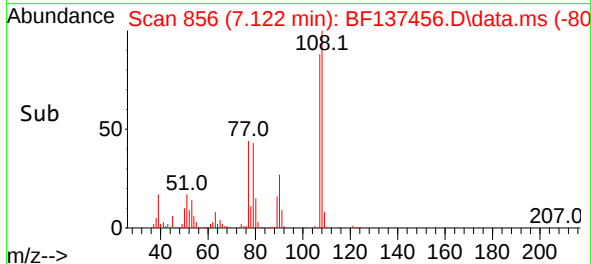
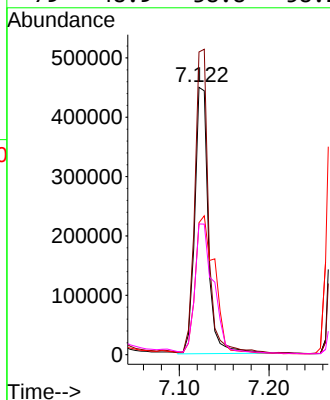
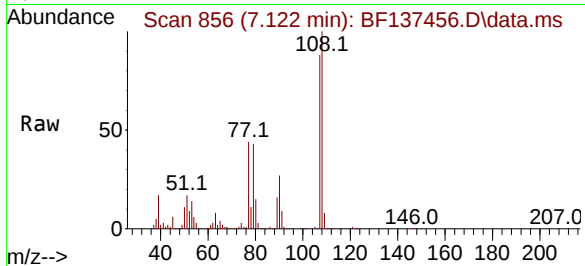




#17
2-Methylphenol
Concen: 39.244 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

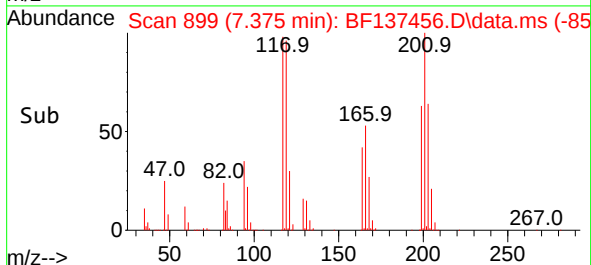
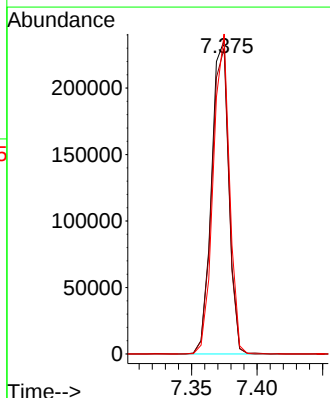
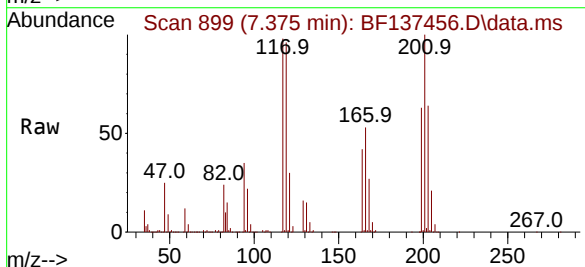
Instrument :
BNA_F
ClientSampleId :
294MS

Tgt Ion:107 Resp: 471147
Ion Ratio Lower Upper
107 100
108 113.2 92.2 138.4
77 49.4 38.6 57.8
79 48.9 38.8 58.2



#18
Hexachloroethane
Concen: 46.969 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:117 Resp: 216943
Ion Ratio Lower Upper
117 100
119 97.5 77.5 116.3
201 102.1 80.6 121.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.535 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

Tgt Ion: 70 Resp: 450348

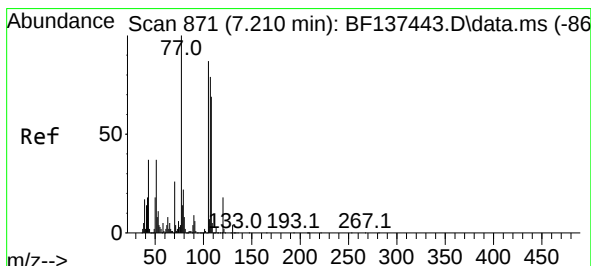
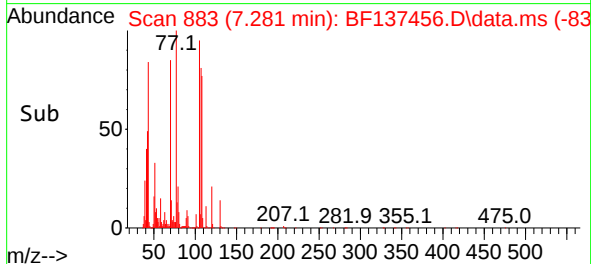
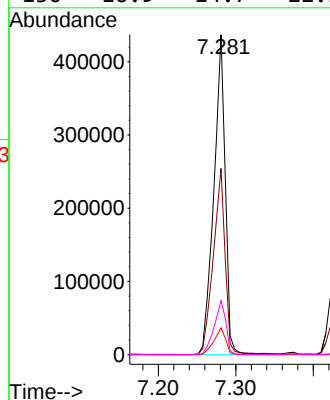
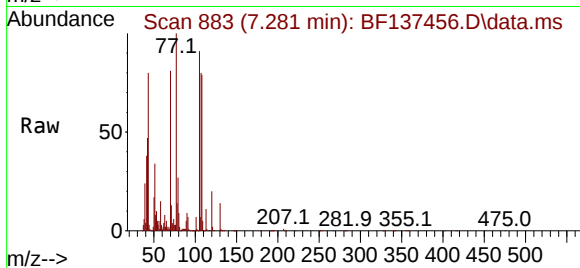
Ion Ratio Lower Upper

70 100

42 58.2 45.2 67.8

101 8.4 7.3 10.9

130 16.9 14.7 22.1



#20

3+4-Methylphenols

Concen: 40.513 ng

RT: 7.275 min Scan# 882

Delta R.T. -0.018 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Tgt Ion: 107 Resp: 557042

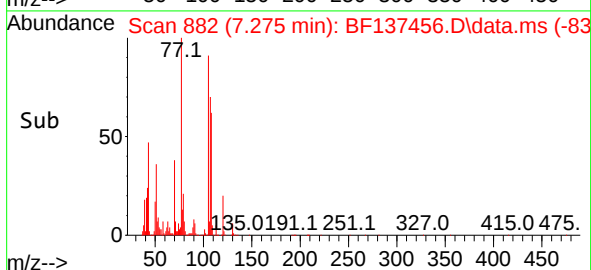
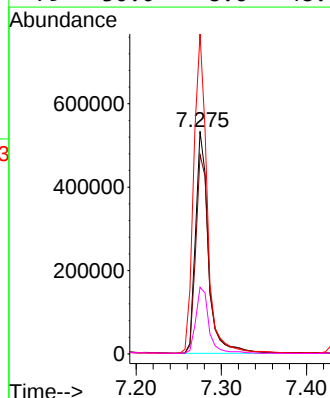
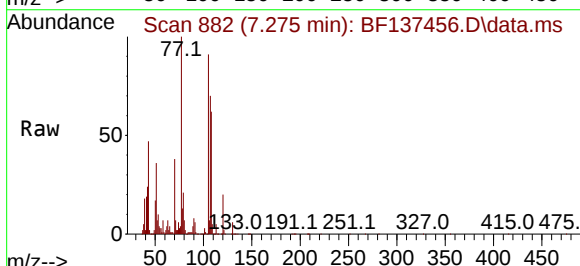
Ion Ratio Lower Upper

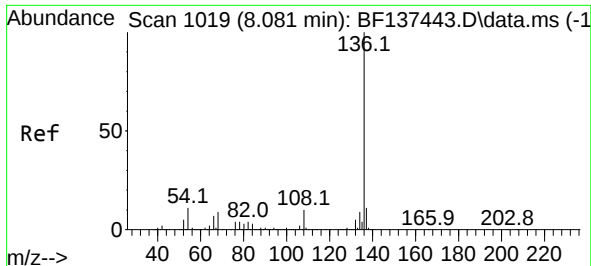
107 100

108 89.6 67.6 107.6

77 143.8 107.1 147.1

79 30.0 8.6 48.6



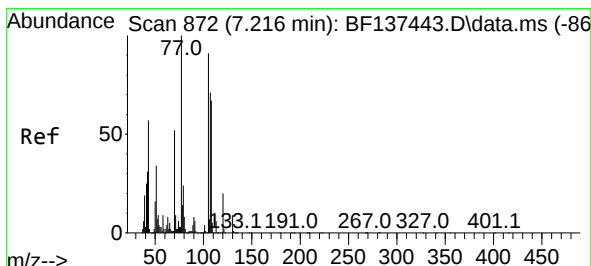
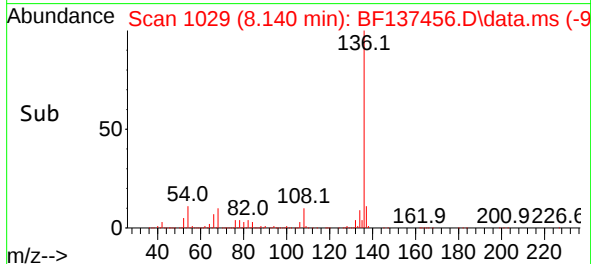
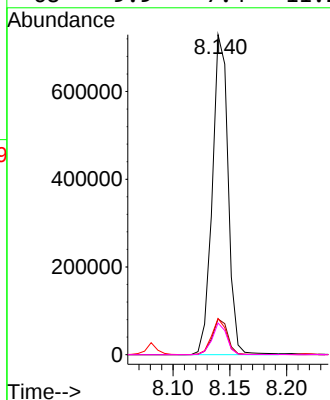
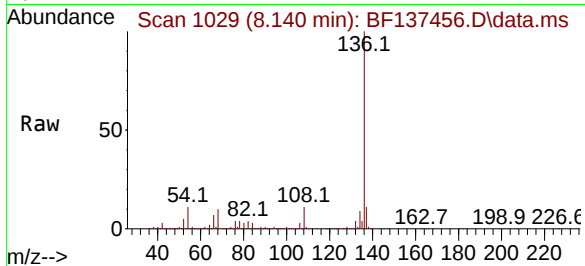


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Instrument :
BNA_F
ClientSampleId :
294MS

Tgt Ion:136 Resp: 707501

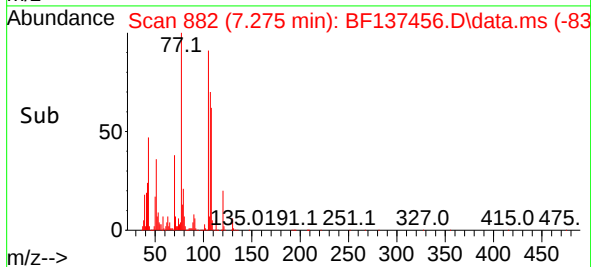
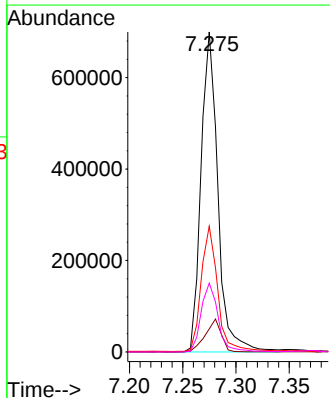
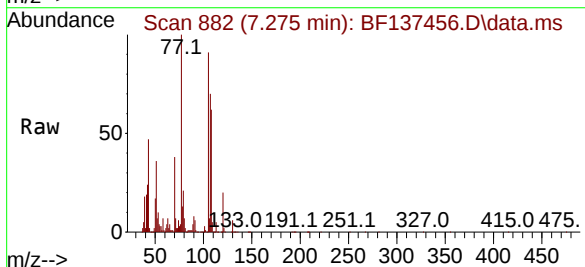
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	11.3	8.5	12.7
68	9.9	7.4	11.2

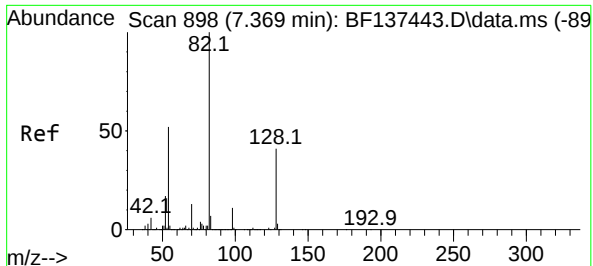


#22
Acetophenone
Concen: 45.163 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:105 Resp: 773119

Ion	Ratio	Lower	Upper
105	100		
71	7.2	7.7	11.5#
51	39.3	30.4	45.6
120	21.5	17.4	26.0





#23

Nitrobenzene-d5

Concen: 56.259 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.018 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

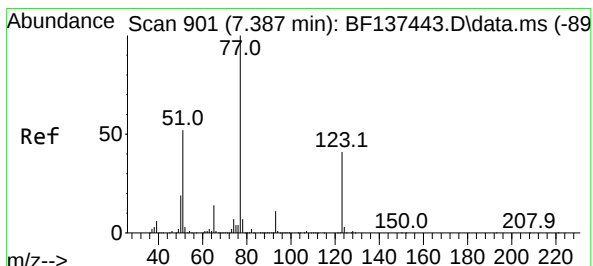
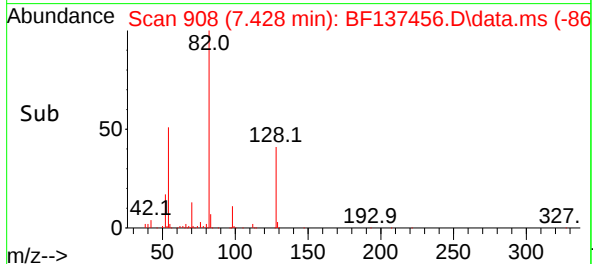
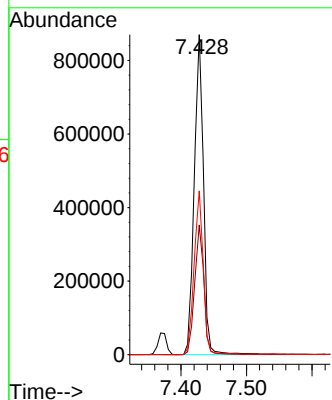
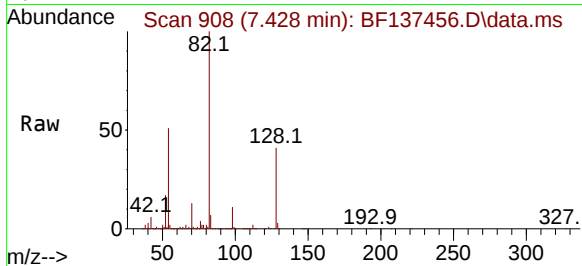
Tgt Ion: 82 Resp: 856642

Ion Ratio Lower Upper

82 100

128 40.5 32.5 48.7

54 51.2 41.5 62.3



#24

Nitrobenzene

Concen: 44.275 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.018 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

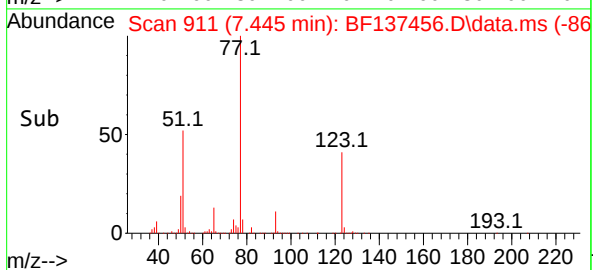
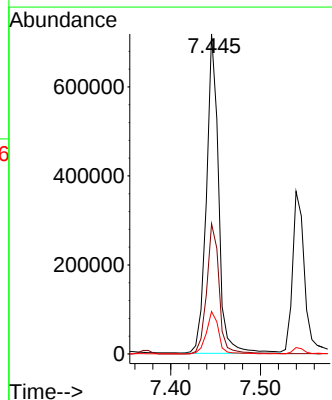
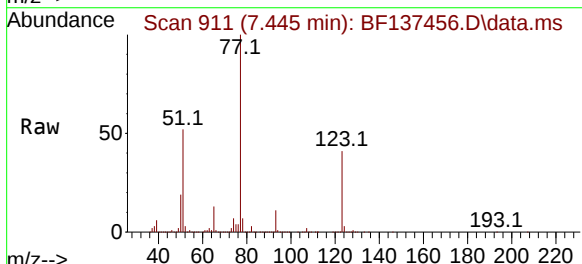
Tgt Ion: 77 Resp: 677239

Ion Ratio Lower Upper

77 100

123 40.7 33.0 49.6

65 13.3 10.9 16.3

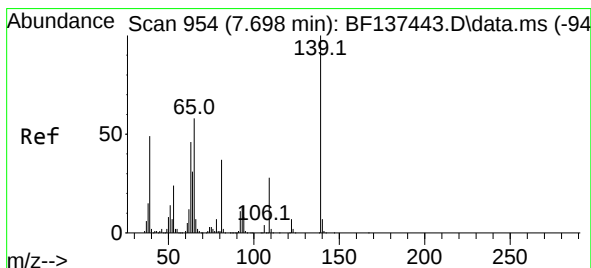
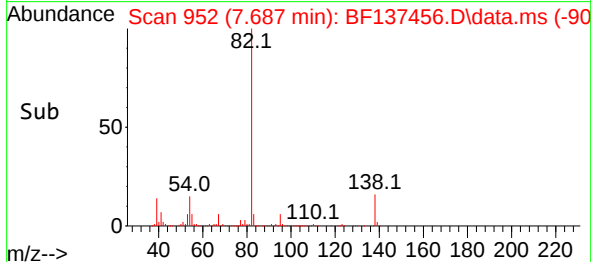
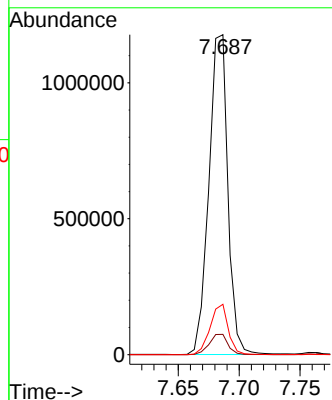
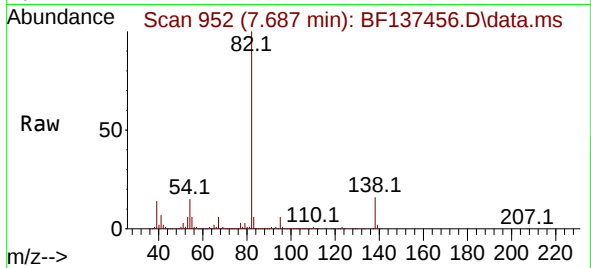




#25
Isophorone
Concen: 44.057 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

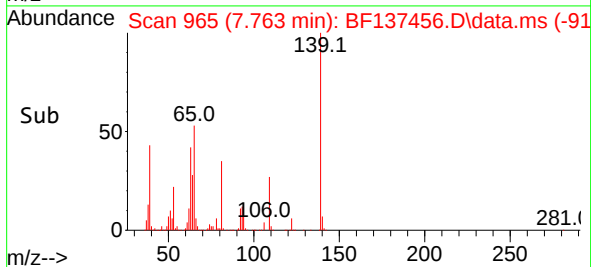
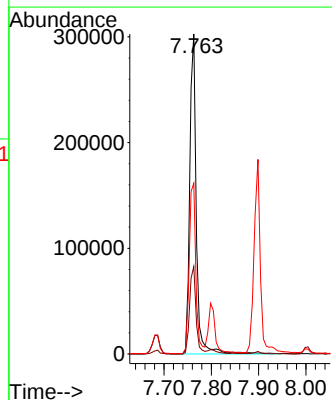
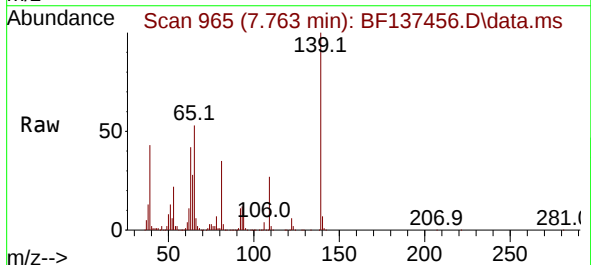
Instrument :
BNA_F
ClientSampleId :
294MS

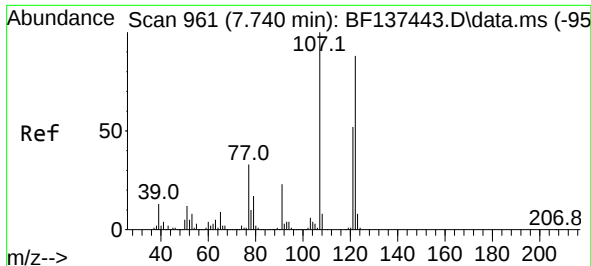
Tgt Ion: 82 Resp: 1274501
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 15.7 11.8 17.8



#26
2-Nitrophenol
Concen: 47.924 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:139 Resp: 291032
Ion Ratio Lower Upper
139 100
109 27.4 22.2 33.4
65 53.4 46.2 69.2

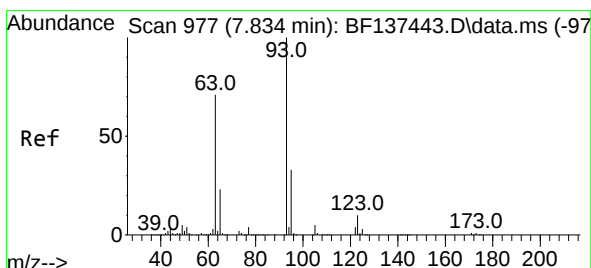
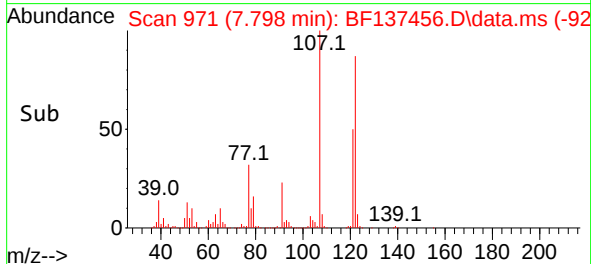
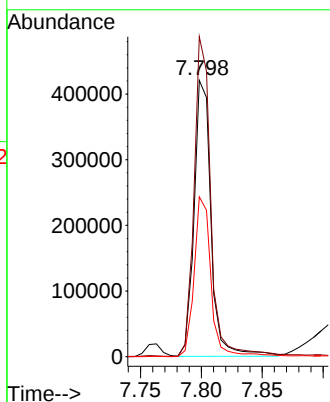
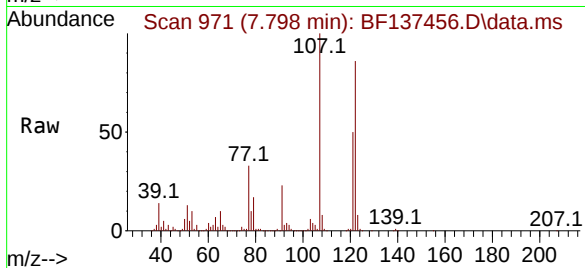




#27
2,4-Dimethylphenol
Concen: 35.978 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

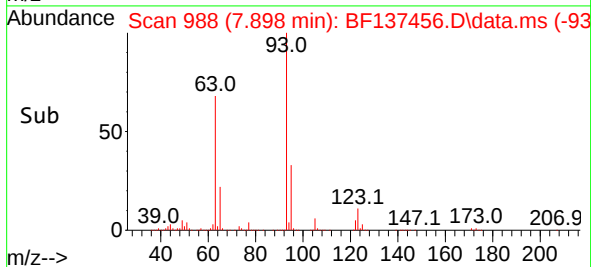
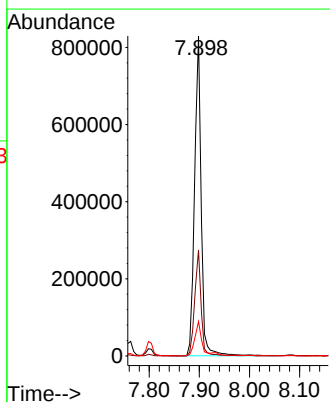
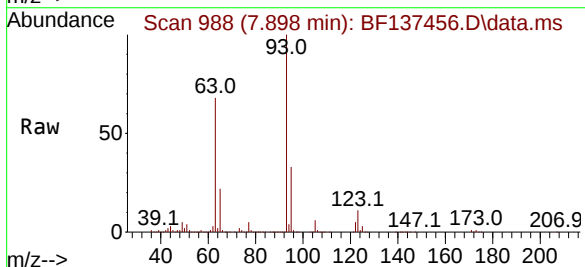
Instrument :
BNA_F
ClientSampleId :
294MS

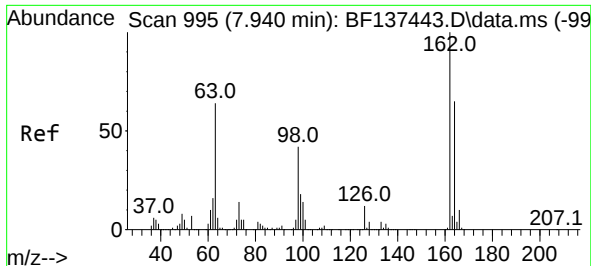
Tgt Ion:122 Resp: 408244
Ion Ratio Lower Upper
122 100
107 115.8 90.9 136.3
121 57.8 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.626 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion: 93 Resp: 757439
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 10.8 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 44.693 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

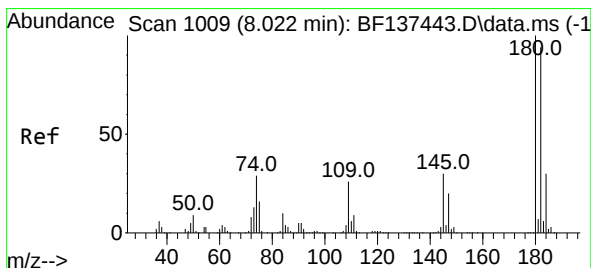
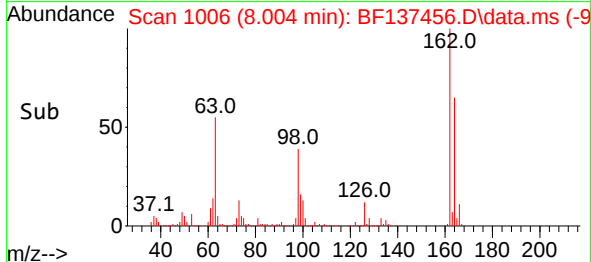
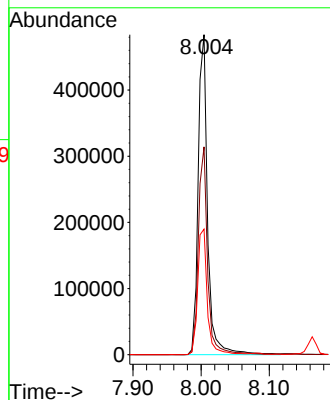
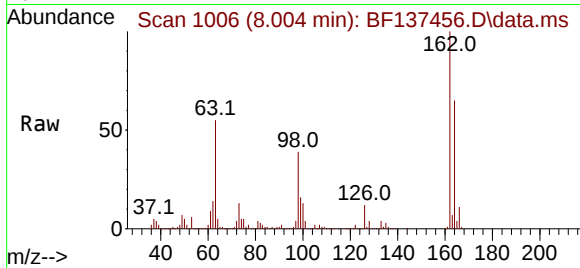
Tgt Ion:162 Resp: 465439

Ion Ratio Lower Upper

162 100

164 65.0 44.7 84.7

98 39.2 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 46.386 ng

RT: 8.087 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

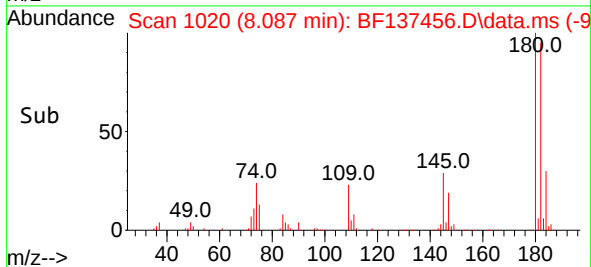
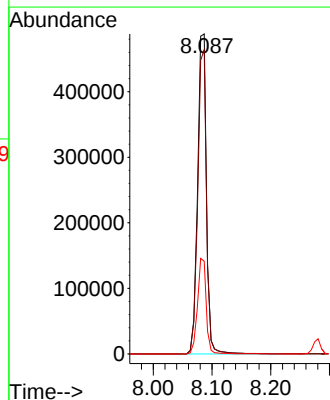
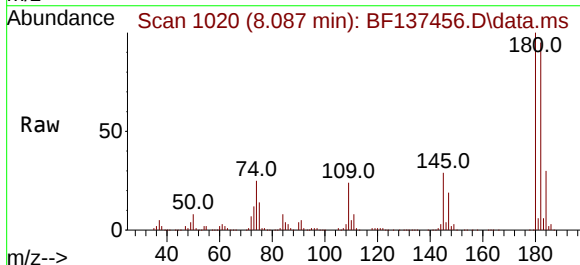
Tgt Ion:180 Resp: 508362

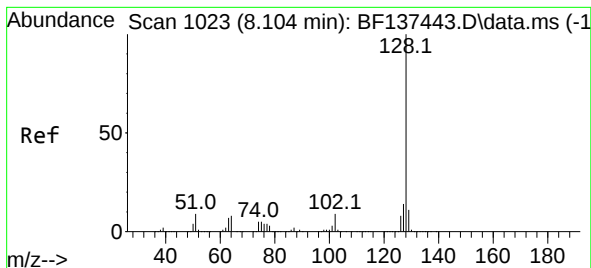
Ion Ratio Lower Upper

180 100

182 95.1 75.0 112.6

145 29.0 23.7 35.5





#31

Naphthalene

Concen: 43.316 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

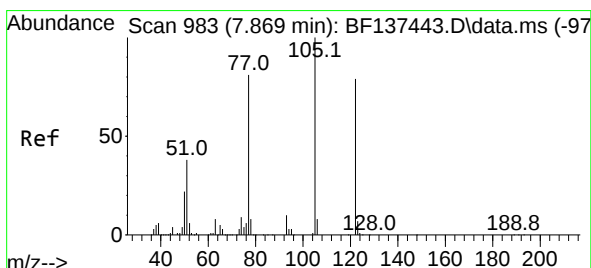
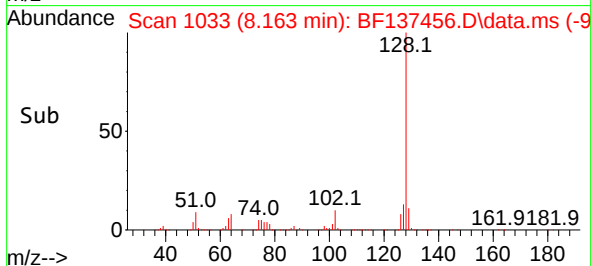
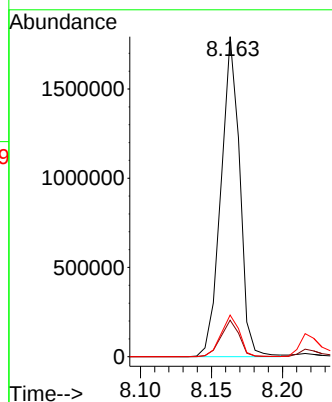
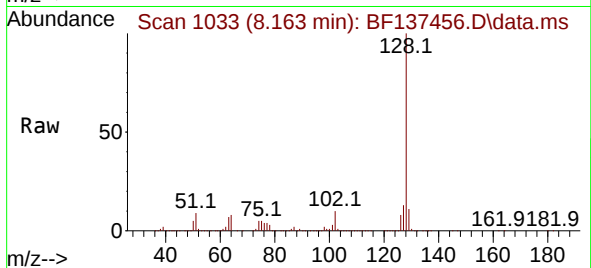
Tgt Ion:128 Resp: 1644266

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

127 13.0 10.8 16.2



#32

Benzoic acid

Concen: 38.120 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

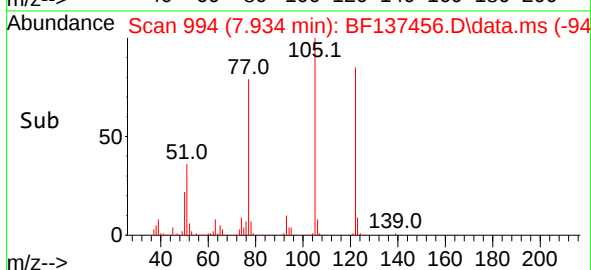
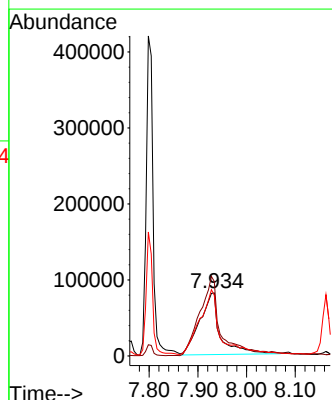
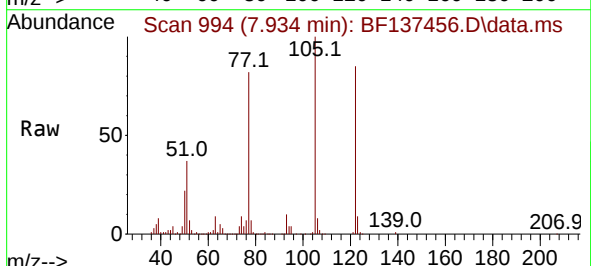
Tgt Ion:122 Resp: 239346

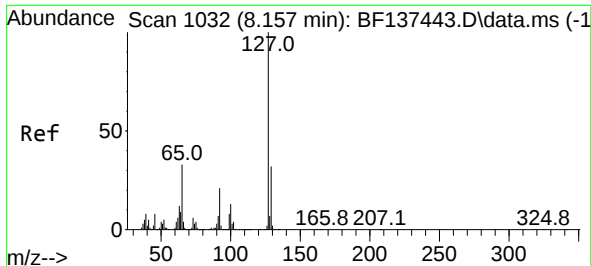
Ion Ratio Lower Upper

122 100

105 118.1 102.4 142.4

77 96.5 81.1 121.1

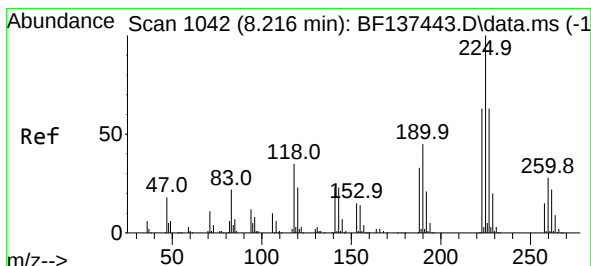
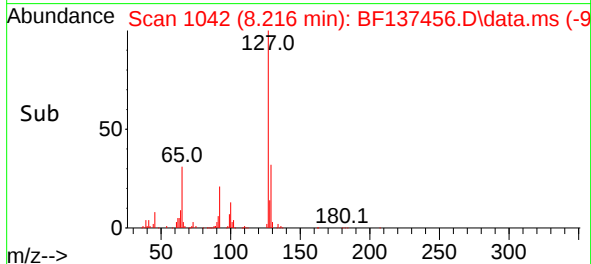
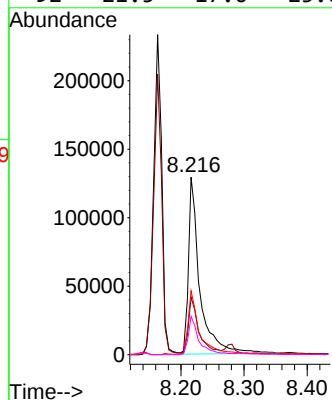
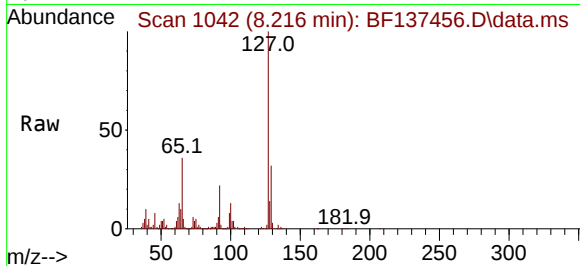




#33
4-Chloroaniline
Concen: 10.882 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

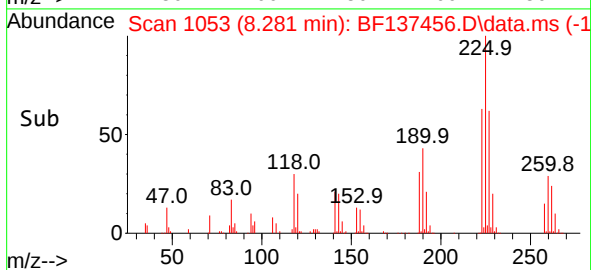
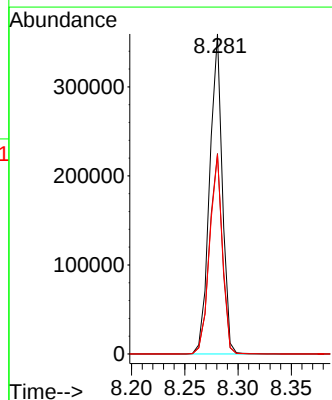
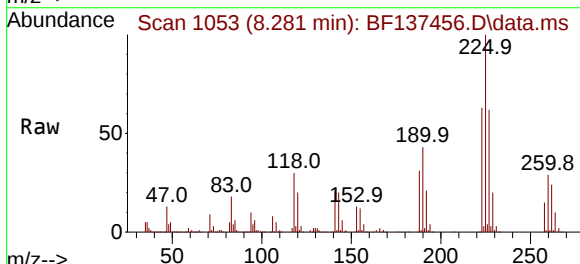
Instrument :
BNA_F
ClientSampleId :
294MS

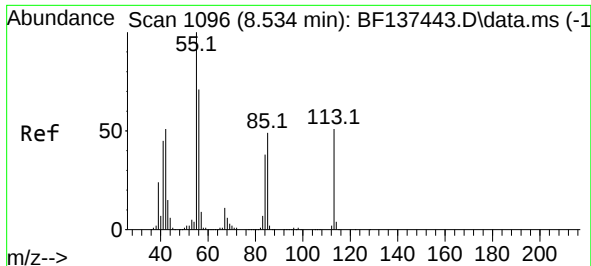
Tgt Ion:	127	Resp:	161975
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	35.9	26.8	40.2
92	21.5	17.0	25.6



#34
Hexachlorobutadiene
Concen: 45.997 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:	225	Resp:	297603
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.7	76.1
227	62.3	50.6	75.8

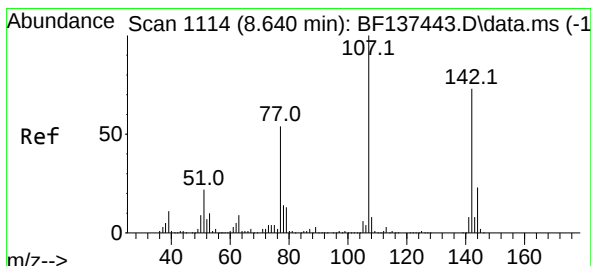
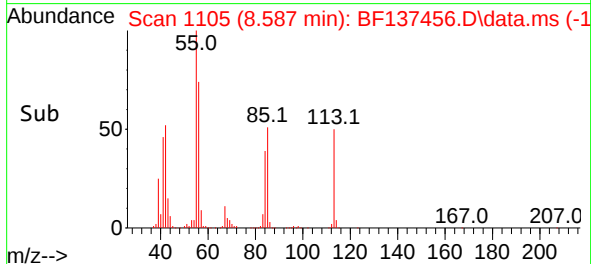
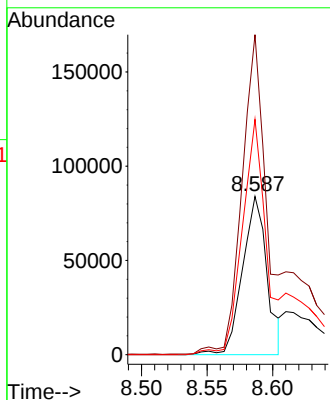
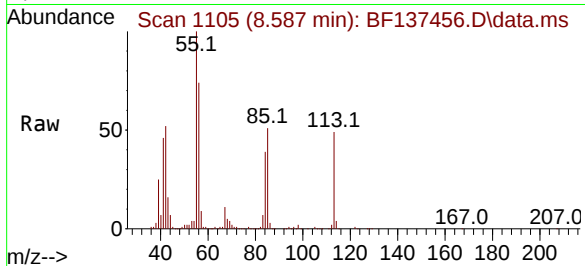




#35
 Caprolactam
 Concen: 30.847 ng
 RT: 8.587 min Scan# 1105
 Delta R.T. -0.023 min
 Lab File: BF137456.D
 Acq: 01 Mar 2024 13:47

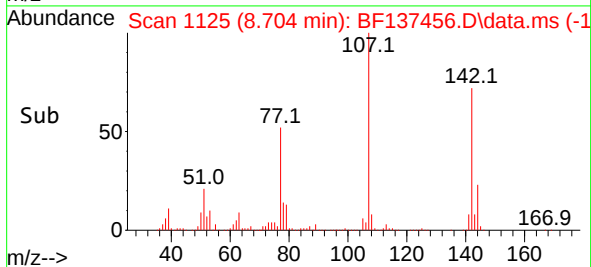
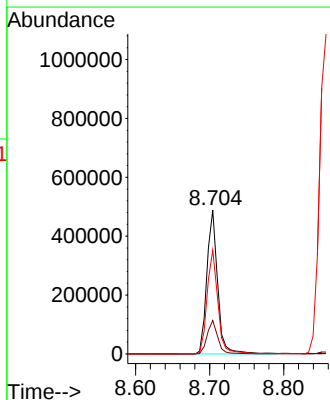
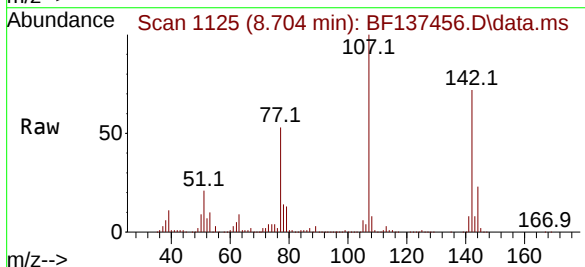
Instrument :
 BNA_F
 ClientSampleId :
 294MS

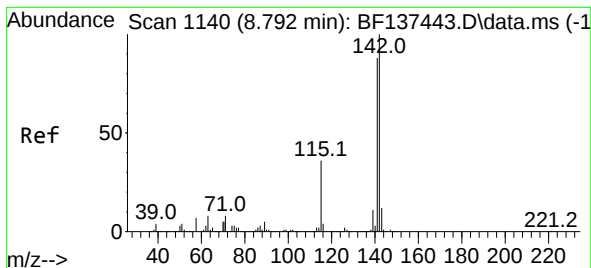
Tgt Ion:113 Resp: 108930
 Ion Ratio Lower Upper
 113 100
 55 202.2 176.7 216.7
 56 148.8 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.518 ng
 RT: 8.704 min Scan# 1125
 Delta R.T. -0.012 min
 Lab File: BF137456.D
 Acq: 01 Mar 2024 13:47

Tgt Ion:107 Resp: 494952
 Ion Ratio Lower Upper
 107 100
 144 23.2 18.7 28.1
 142 72.2 58.2 87.2





#37

2-Methylnaphthalene

Concen: 41.780 ng

RT: 8.857 min Scan# 1151

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

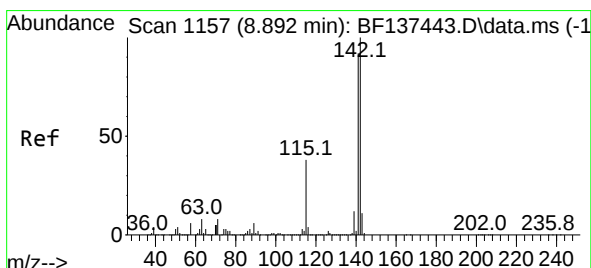
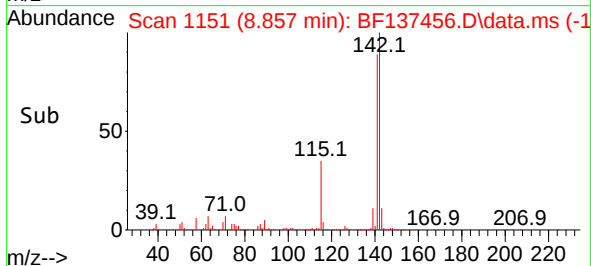
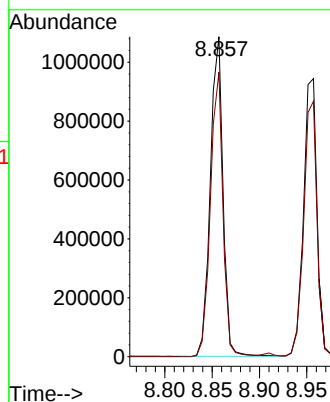
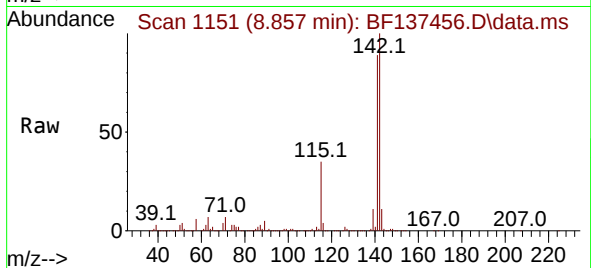
294MS

Tgt Ion:142 Resp: 1011049

Ion Ratio Lower Upper

142 100

141 88.9 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.193 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.012 min

Lab File: BF137456.D

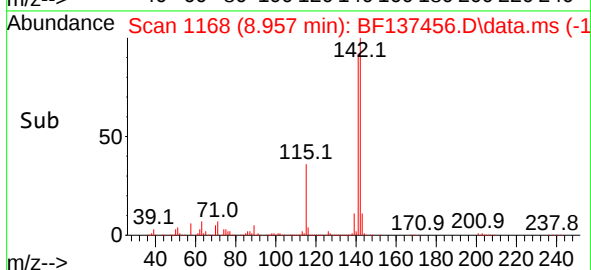
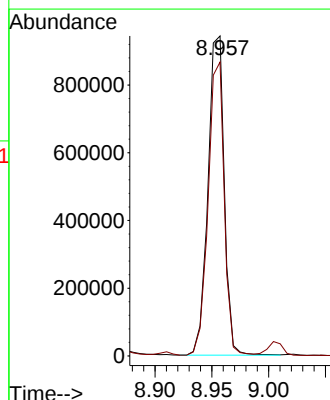
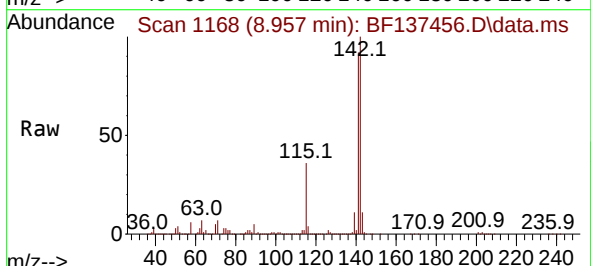
Acq: 01 Mar 2024 13:47

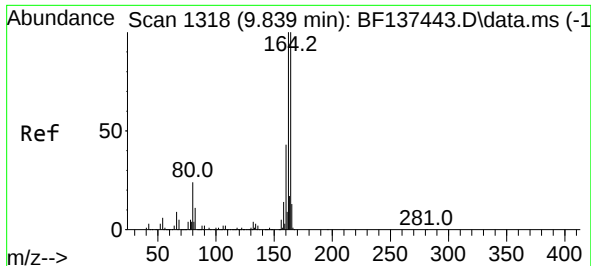
Tgt Ion:142 Resp: 938749

Ion Ratio Lower Upper

142 100

141 91.9 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1179

Delta R.T. -0.018 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

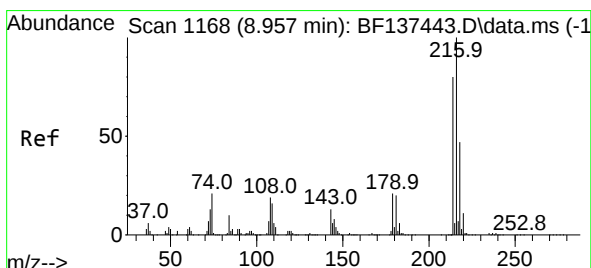
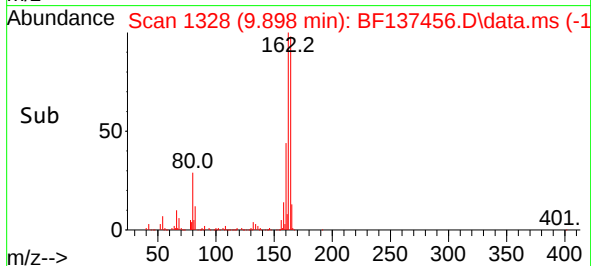
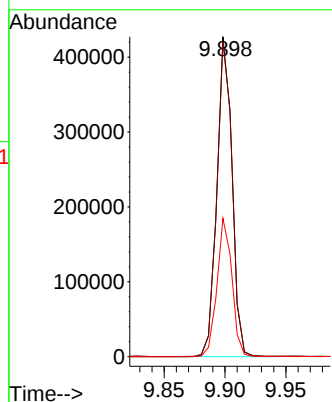
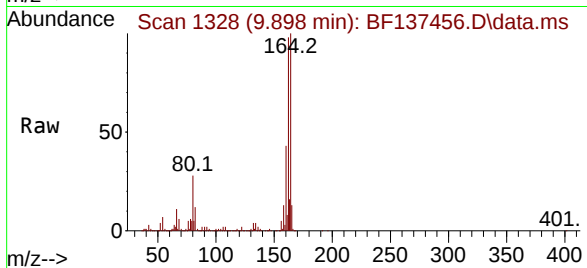
Tgt Ion:164 Resp: 369862

Ion Ratio Lower Upper

164 100

162 98.3 79.8 119.8

160 43.2 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.230 ng

RT: 9.022 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Tgt Ion:216 Resp: 477359

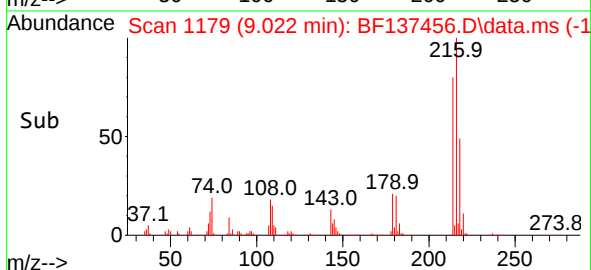
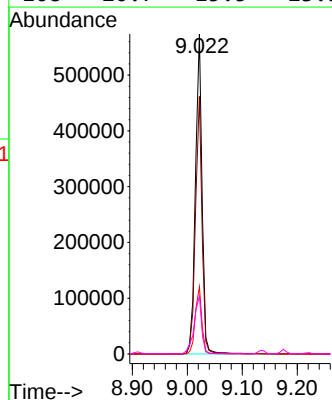
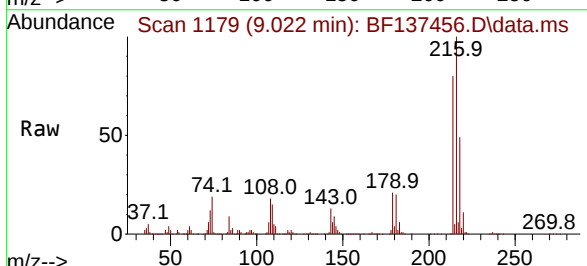
Ion Ratio Lower Upper

216 100

214 79.5 63.5 95.3

179 21.0 16.6 25.0

108 20.7 15.5 23.3

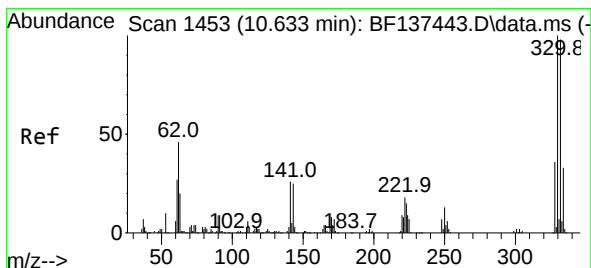
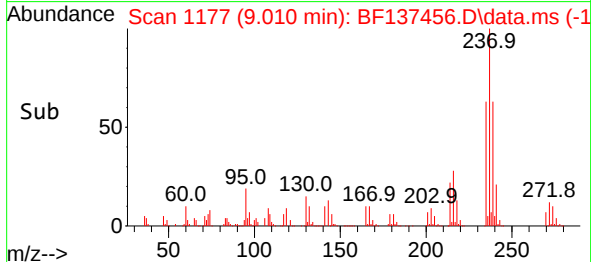
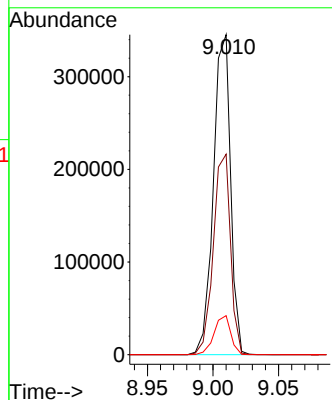
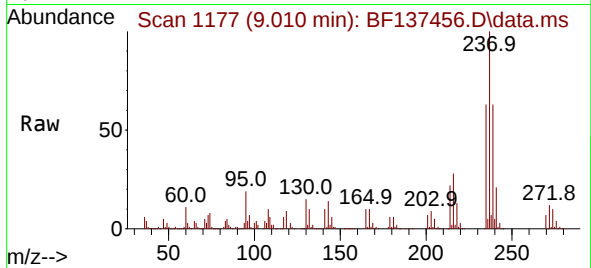




#41
Hexachlorocyclopentadiene
Concen: 75.104 ng
RT: 9.010 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

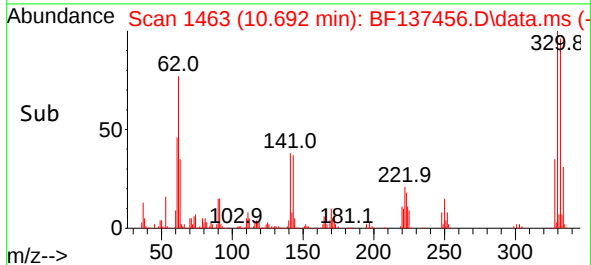
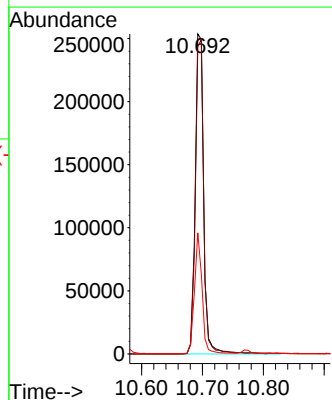
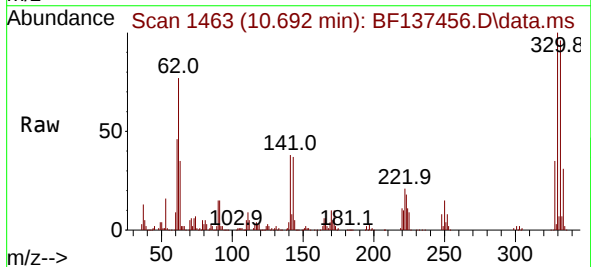
Instrument :
BNA_F
ClientSampleId :
294MS

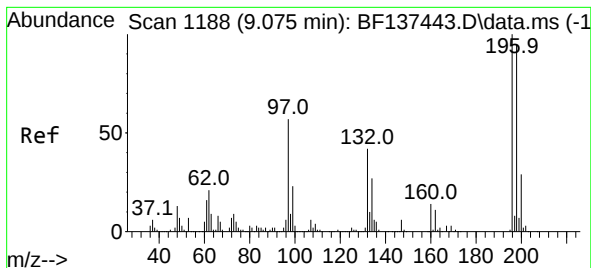
Tgt Ion:237 Resp: 314108
Ion Ratio Lower Upper
237 100
235 62.7 43.6 83.6
272 12.2 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 75.601 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:330 Resp: 245554
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 33.9 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 45.887 ng

RT: 9.134 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

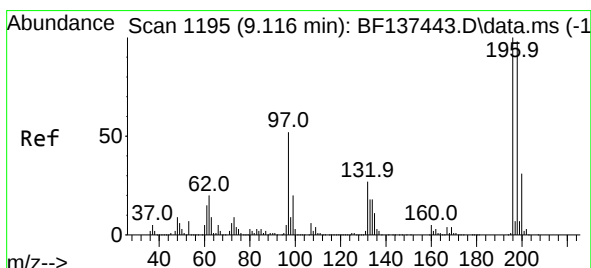
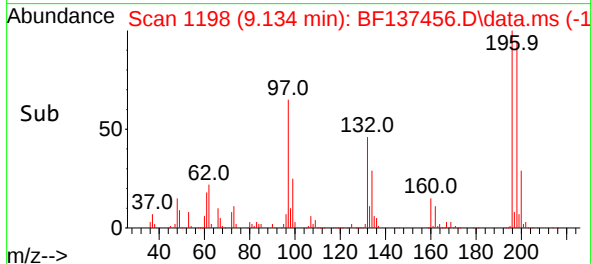
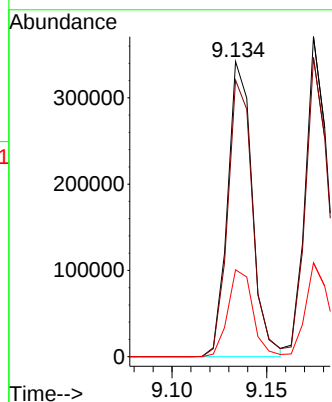
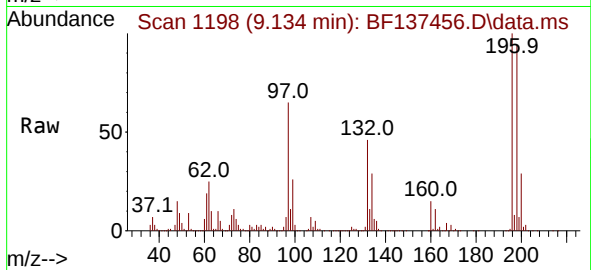
Tgt Ion:196 Resp: 308548

Ion Ratio Lower Upper

196 100

198 93.7 75.8 113.8

200 29.5 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 42.354 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Tgt Ion:196 Resp: 328069

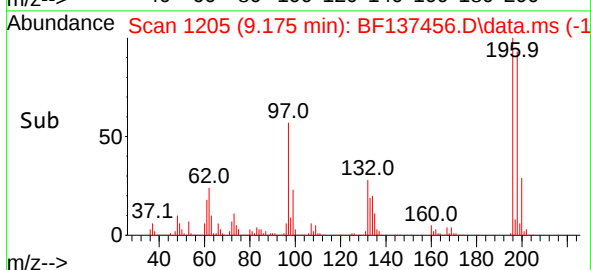
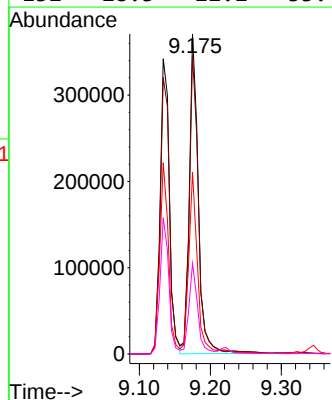
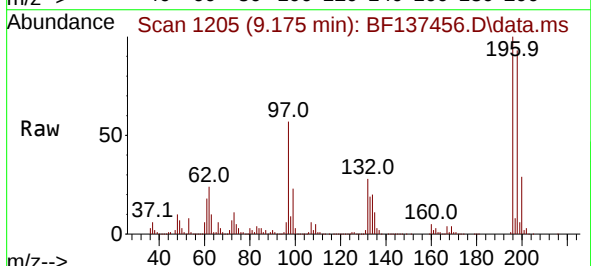
Ion Ratio Lower Upper

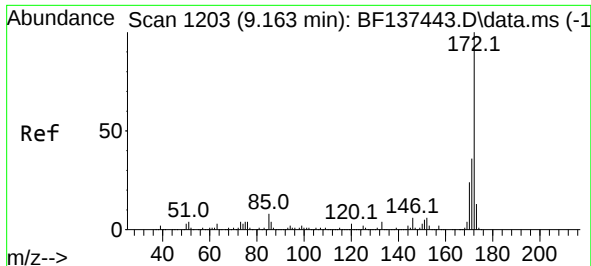
196 100

198 93.4 78.6 117.8

97 56.9 41.8 62.8

132 28.3 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 58.300 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

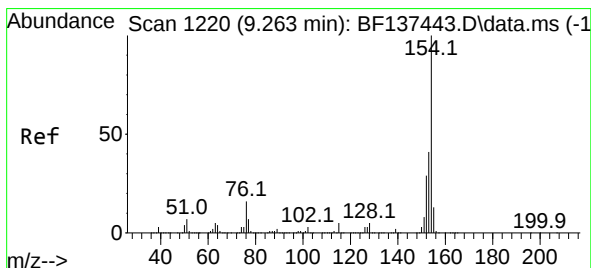
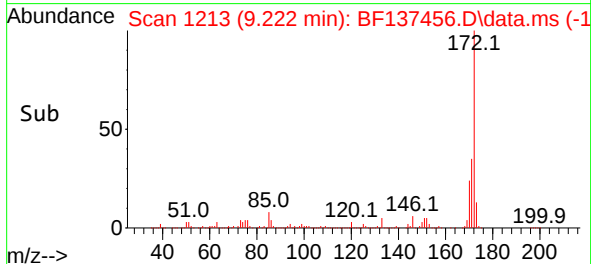
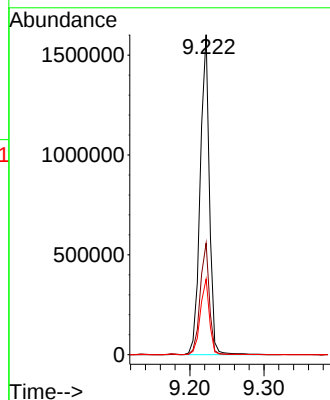
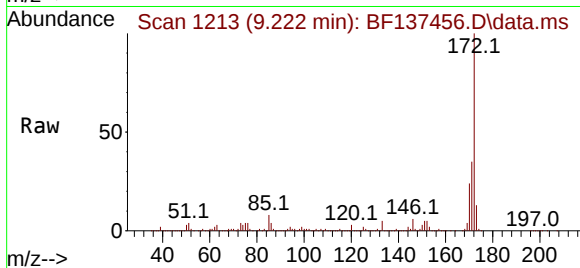
Tgt Ion:172 Resp: 1377516

Ion Ratio Lower Upper

172 100

171 34.9 28.5 42.7

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 45.232 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

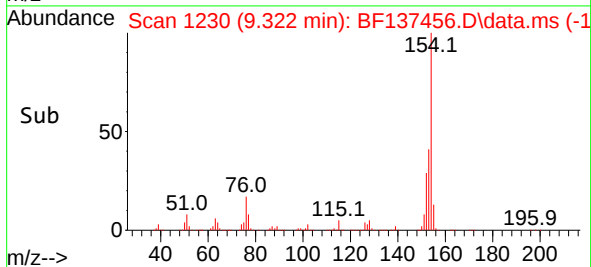
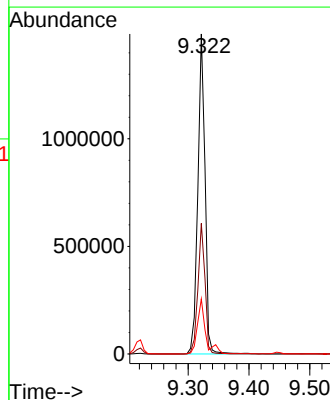
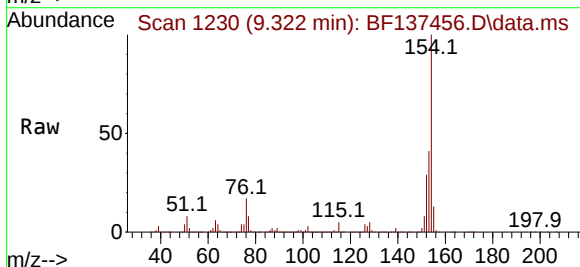
Tgt Ion:154 Resp: 1224446

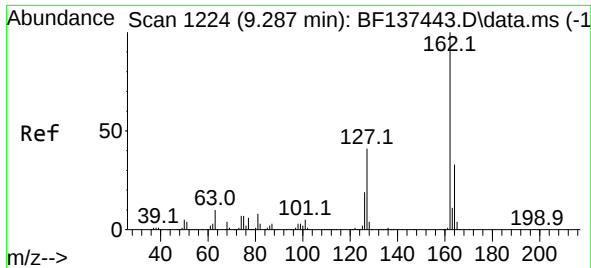
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

76 17.2 0.0 35.8

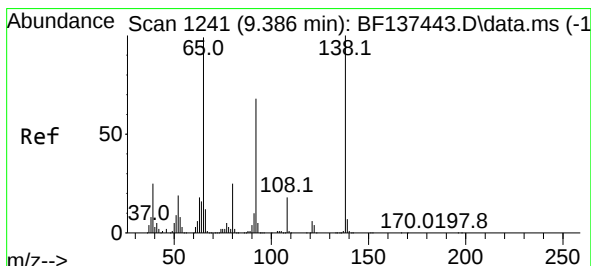
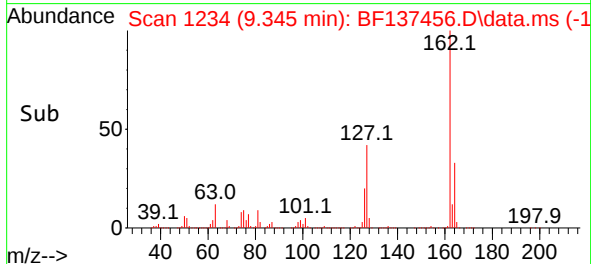
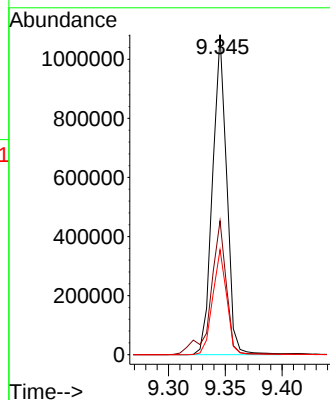
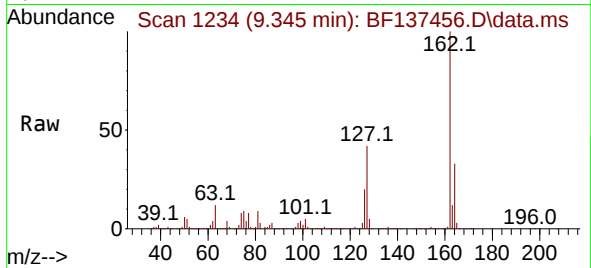




#47
2-Chloronaphthalene
Concen: 45.415 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

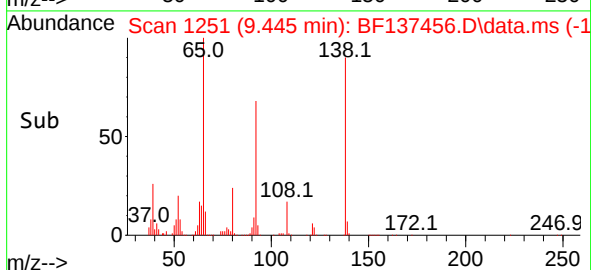
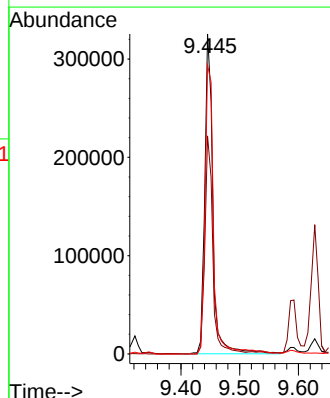
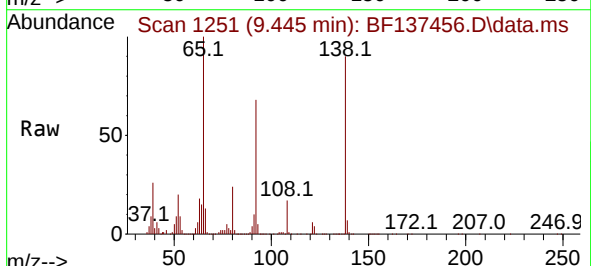
Instrument :
BNA_F
ClientSampleId :
294MS

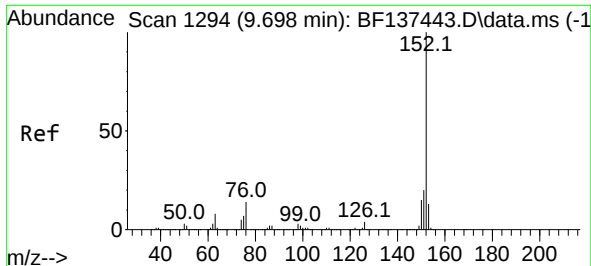
Tgt Ion:162 Resp: 937324
Ion Ratio Lower Upper
162 100
127 41.9 32.6 49.0
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 44.488 ng
RT: 9.445 min Scan# 1251
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion: 65 Resp: 312086
Ion Ratio Lower Upper
65 100
92 68.1 55.4 83.2
138 90.2 81.0 121.6





#49

Acenaphthylene

Concen: 45.142 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

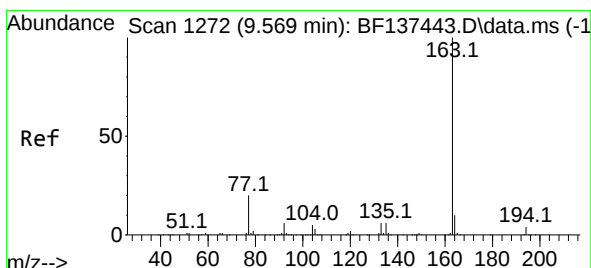
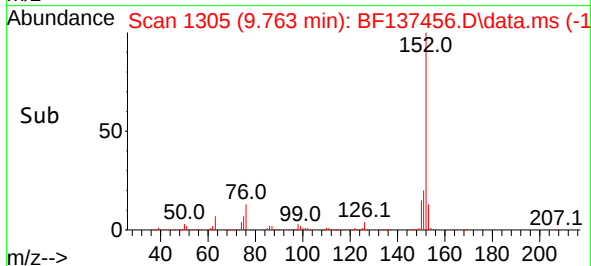
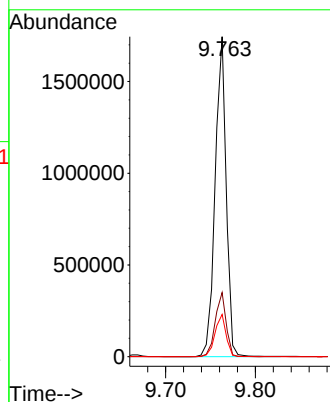
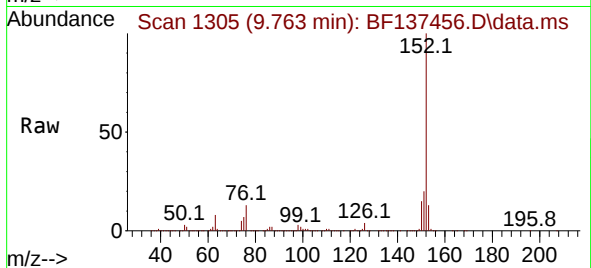
Tgt Ion:152 Resp: 1491008

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 44.580 ng

RT: 9.628 min Scan# 1282

Delta R.T. -0.018 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

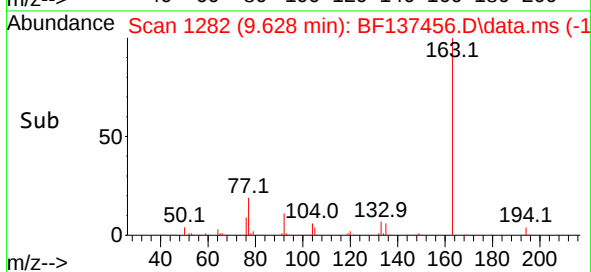
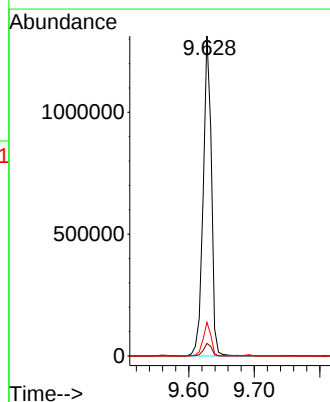
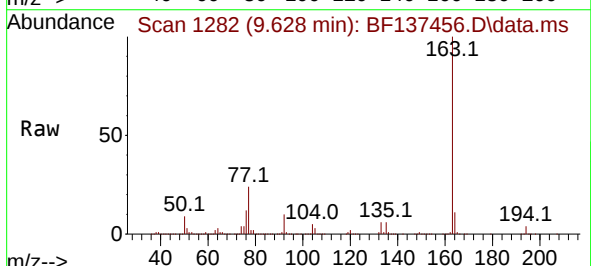
Tgt Ion:163 Resp: 1147775

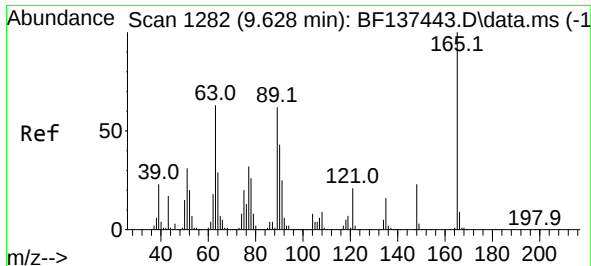
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.5 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 43.932 ng

RT: 9.692 min Scan# 1282

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

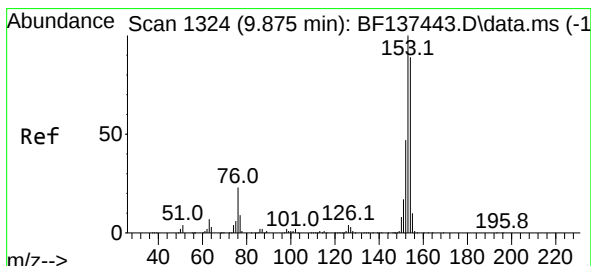
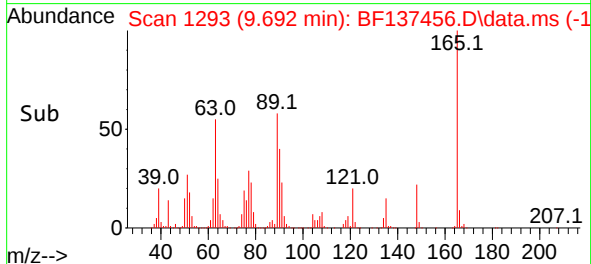
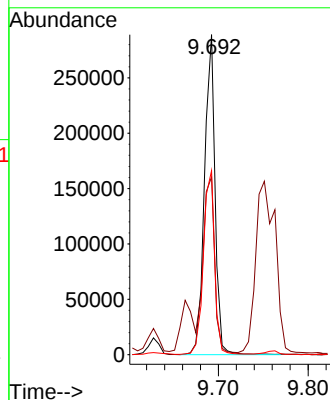
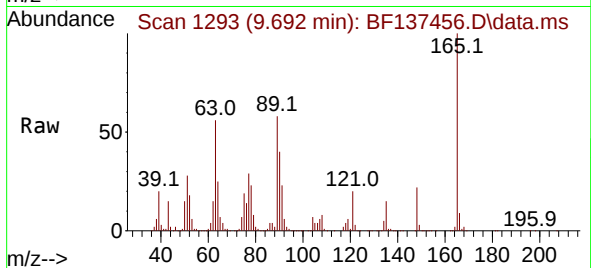
Tgt Ion:165 Resp: 236579

Ion Ratio Lower Upper

165 100

63 55.6 50.7 76.1

89 57.5 50.0 75.0



#52

Acenaphthene

Concen: 42.163 ng

RT: 9.934 min Scan# 1334

Delta R.T. -0.018 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

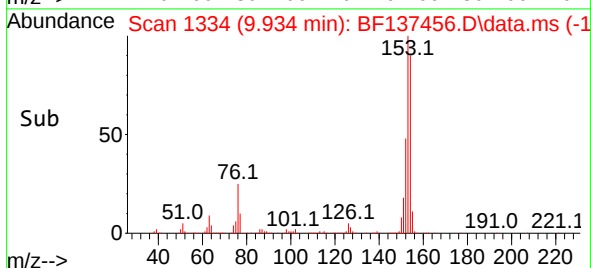
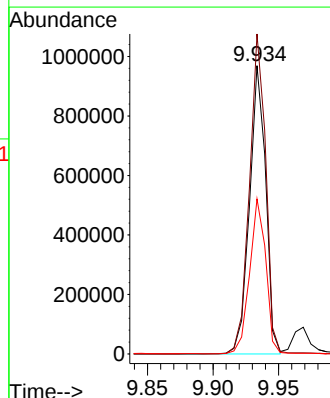
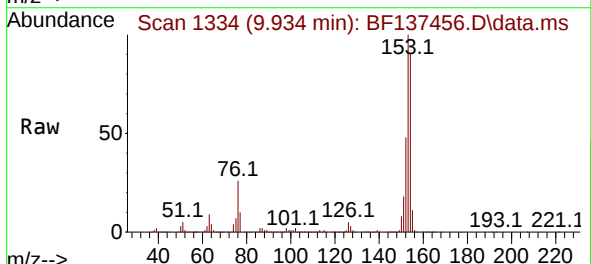
Tgt Ion:154 Resp: 831407

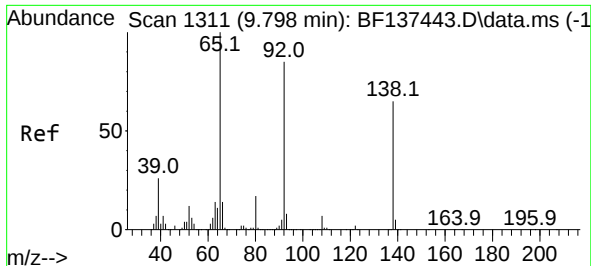
Ion Ratio Lower Upper

154 100

153 111.0 90.3 135.5

152 53.8 42.7 64.1

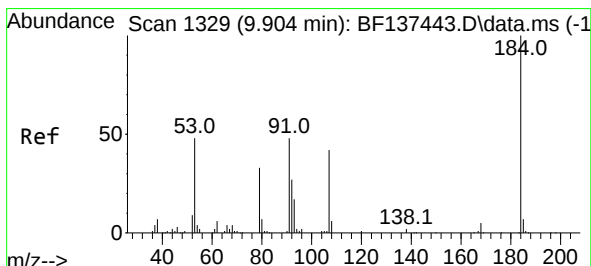
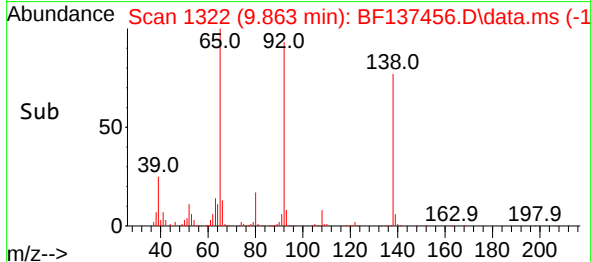
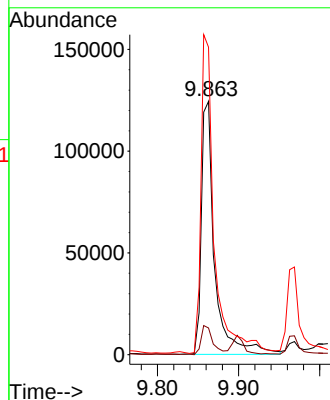
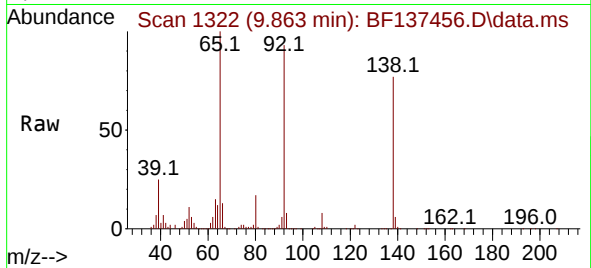




#53
3-Nitroaniline
Concen: 24.856 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

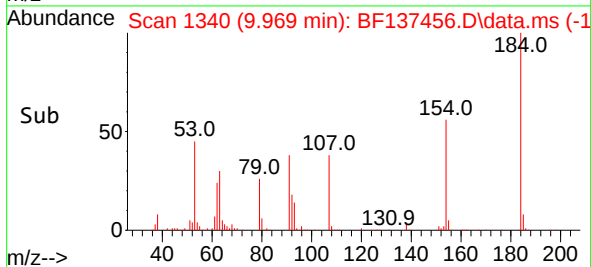
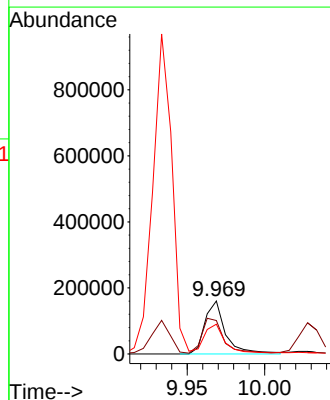
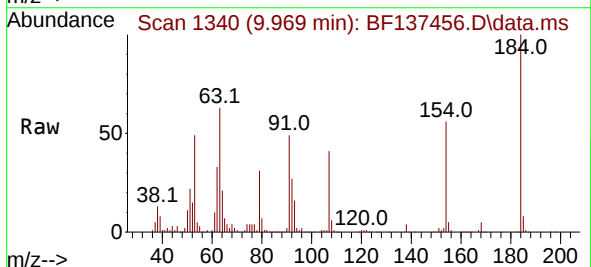
Instrument :
BNA_F
ClientSampleId :
294MS

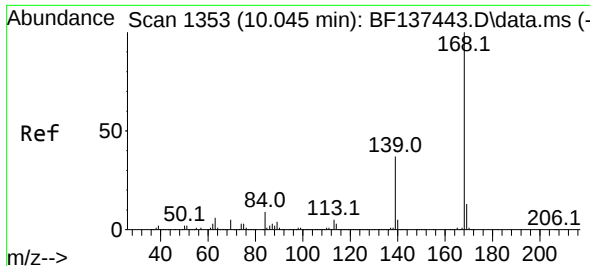
Tgt Ion:138 Resp: 141584
Ion Ratio Lower Upper
138 100
108 10.6 9.1 13.7
92 121.4 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 59.108 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:184 Resp: 148964
Ion Ratio Lower Upper
184 100
63 63.1 53.3 79.9
154 56.1 47.4 71.0

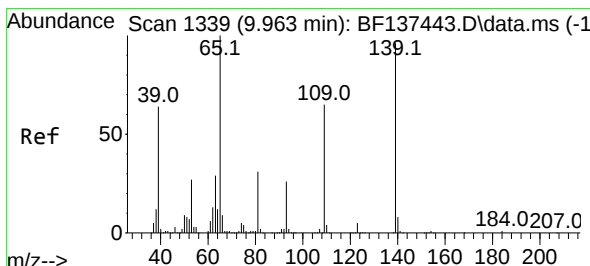
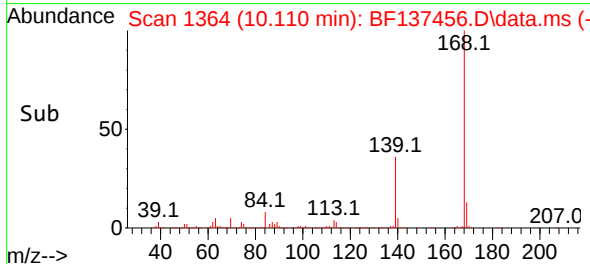
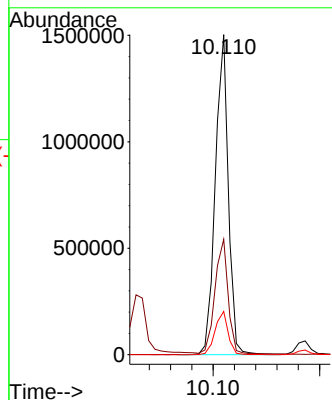
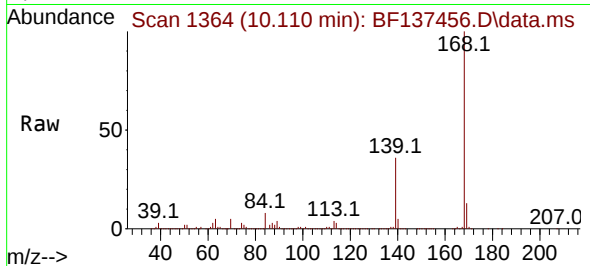




#55
Dibenzenofuran
Concen: 42.431 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

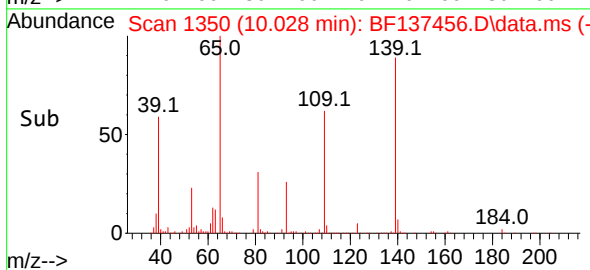
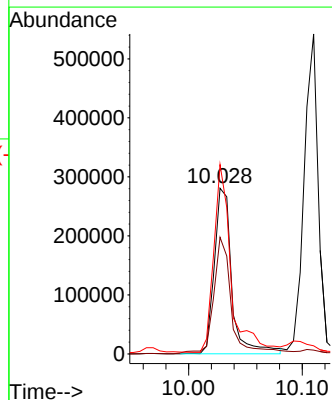
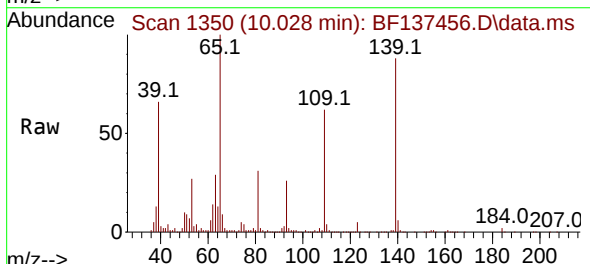
Instrument :
BNA_F
ClientSampleId :
294MS

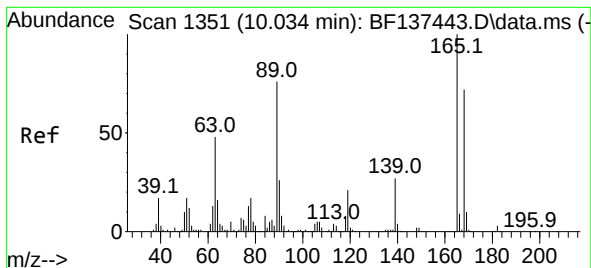
Tgt Ion:168 Resp: 1274364
Ion Ratio Lower Upper
168 100
139 36.1 29.8 44.6
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 74.500 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:139 Resp: 300576
Ion Ratio Lower Upper
139 100
109 70.4 47.1 87.1
65 114.2 85.1 125.1

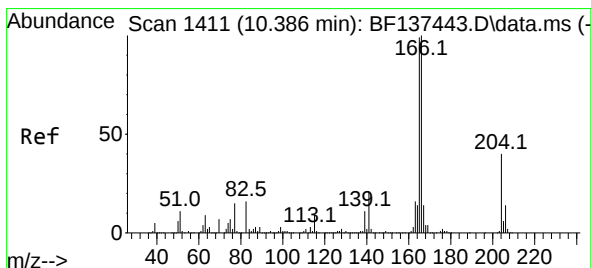
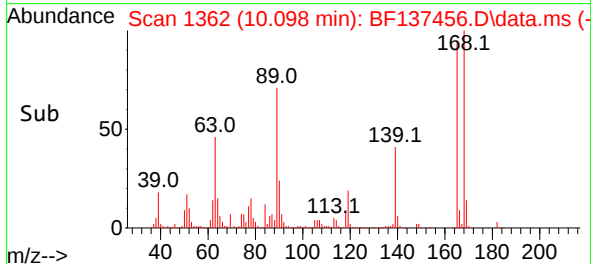
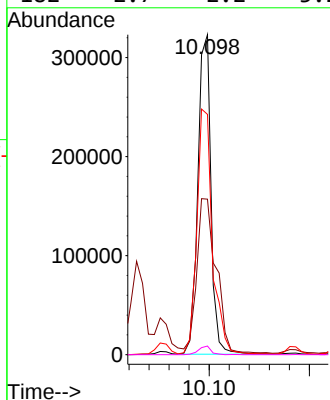
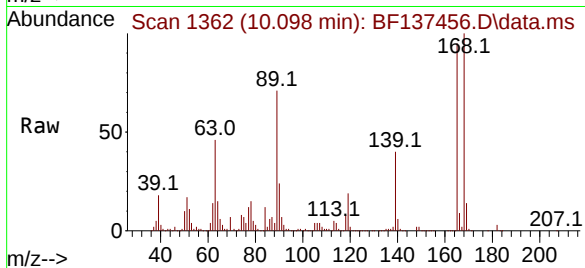




#57
2,4-Dinitrotoluene
Concen: 44.548 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

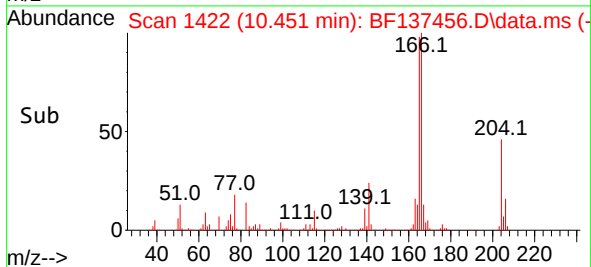
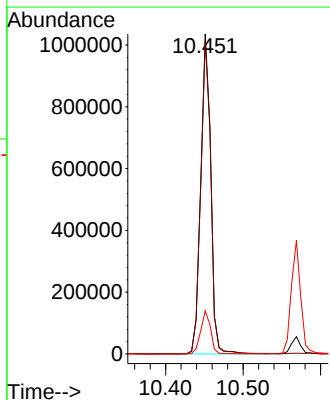
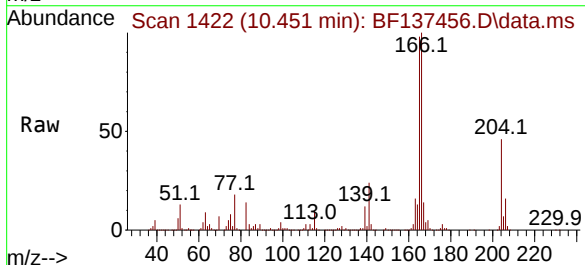
Instrument :
BNA_F
ClientSampleId :
294MS

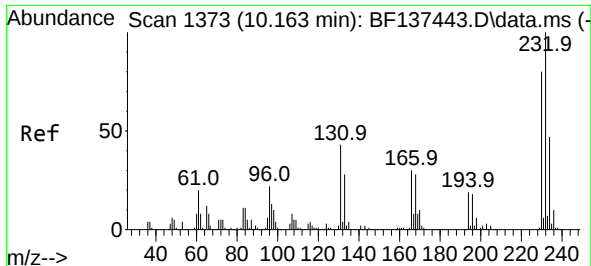
Tgt Ion:165 Resp: 294737
Ion Ratio Lower Upper
165 100
63 48.6 39.0 58.6
89 75.1 60.9 91.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 40.372 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:166 Resp: 931201
Ion Ratio Lower Upper
166 100
165 97.7 79.2 118.8
167 13.5 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.047 ng

RT: 10.228 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

Tgt Ion:232 Resp: 254961

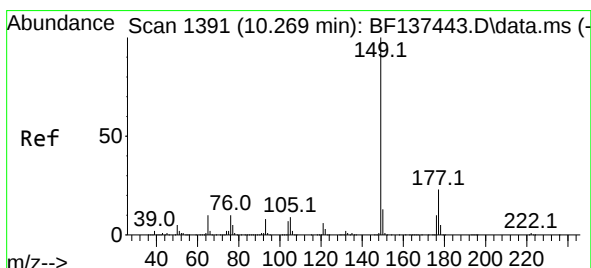
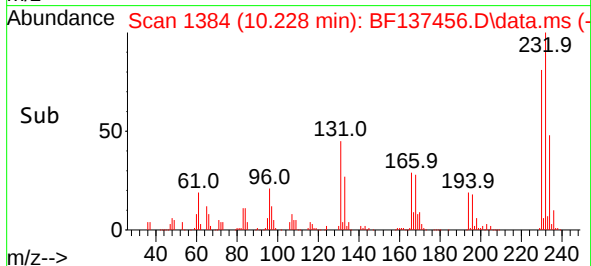
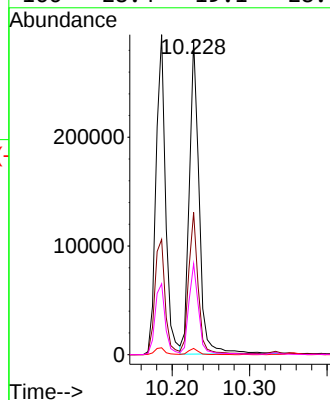
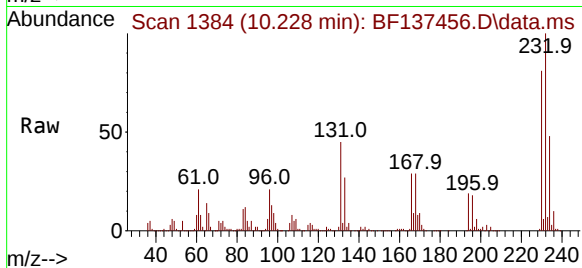
Ion Ratio Lower Upper

232 100

131 44.5 31.2 46.8

130 1.9 1.8 2.6

166 28.4 19.1 28.7



#60

Diethylphthalate

Concen: 43.814 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

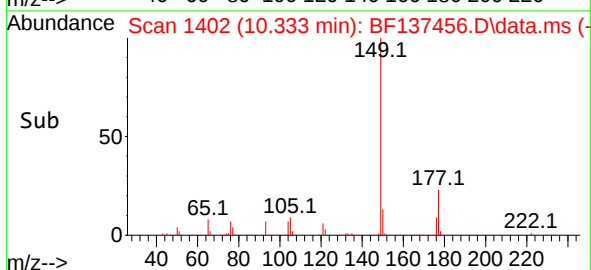
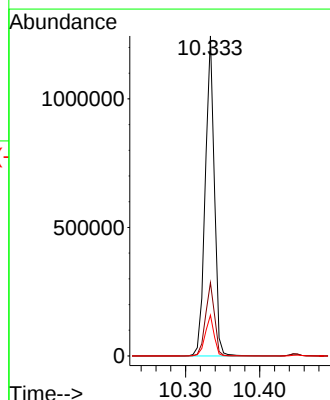
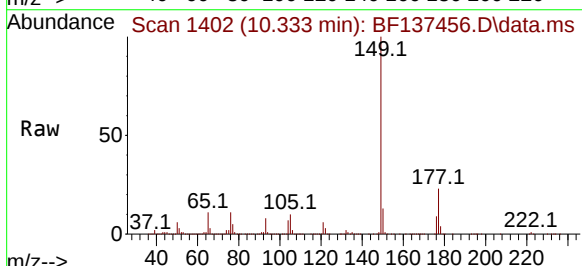
Tgt Ion:149 Resp: 1065252

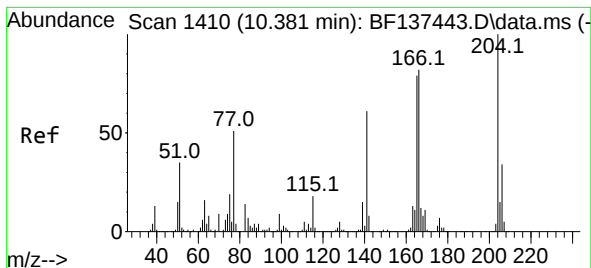
Ion Ratio Lower Upper

149 100

177 22.9 18.7 28.1

150 12.8 10.2 15.4

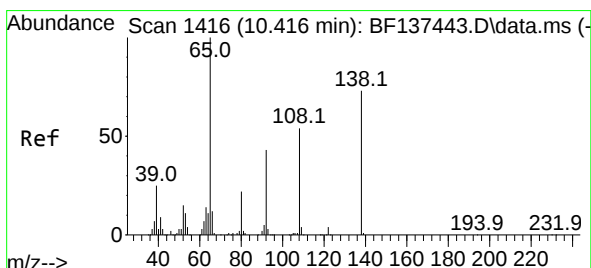
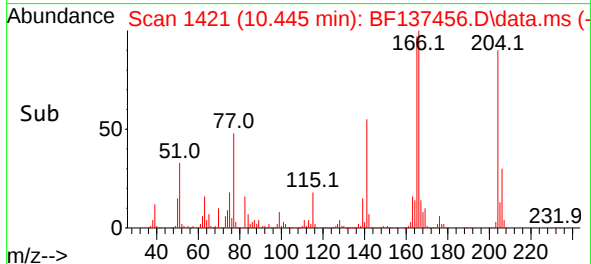
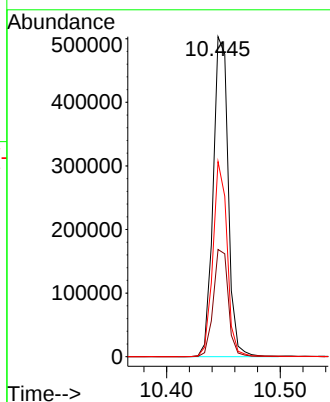
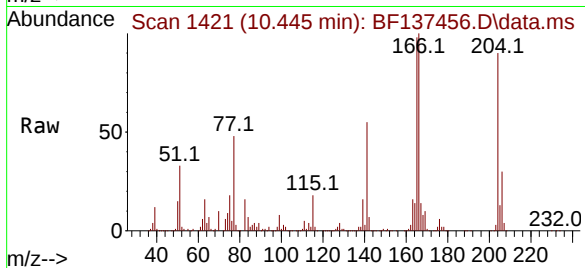




#61
4-Chlorophenyl-phenylether
Concen: 40.947 ng
RT: 10.445 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

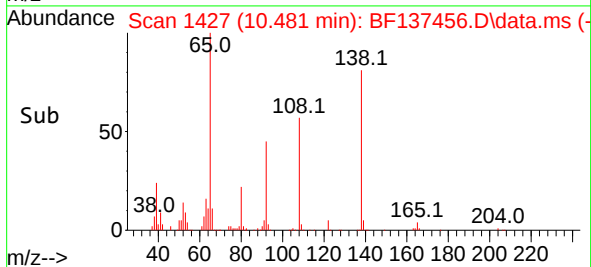
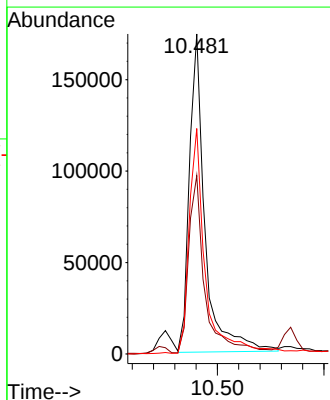
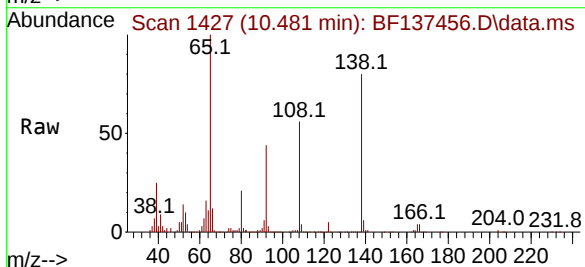
Instrument :
BNA_F
ClientSampleId :
294MS

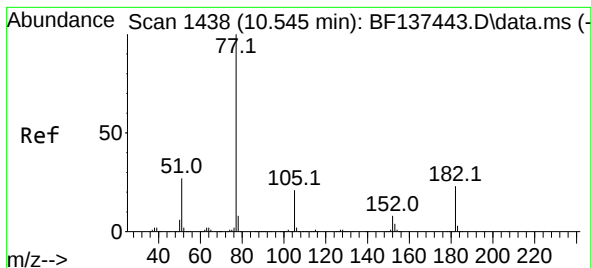
Tgt Ion:204 Resp: 462873
Ion Ratio Lower Upper
204 100
206 33.5 27.4 41.0
141 60.9 48.4 72.6



#62
4-Nitroaniline
Concen: 36.030 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:138 Resp: 176391
Ion Ratio Lower Upper
138 100
92 55.8 37.9 77.9
108 70.5 53.2 93.2





#63

Azobenzene

Concen: 42.175 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

Tgt Ion: 77 Resp: 1180743

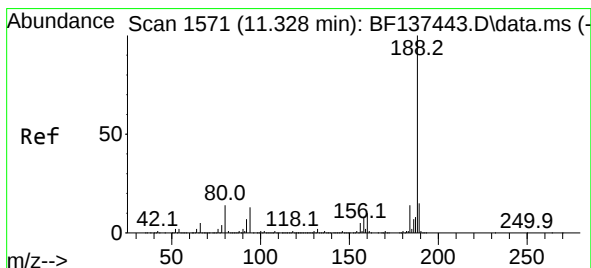
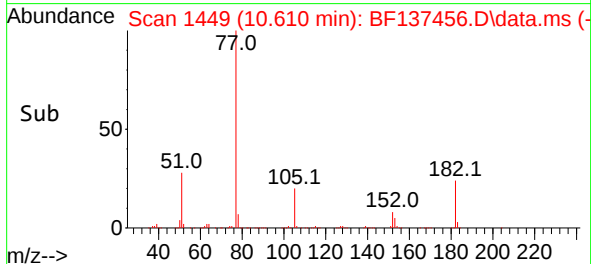
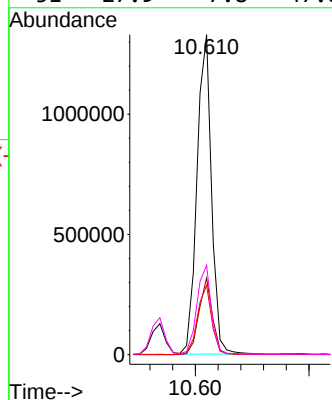
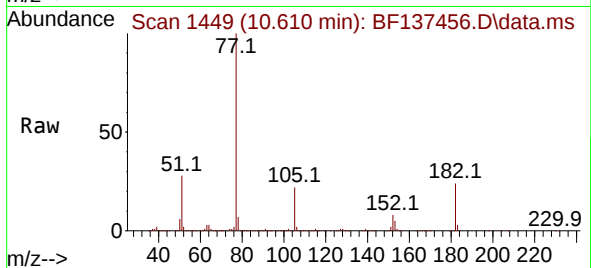
Ion Ratio Lower Upper

77 100

182 23.9 3.2 43.2

105 21.7 1.2 41.2

51 27.9 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

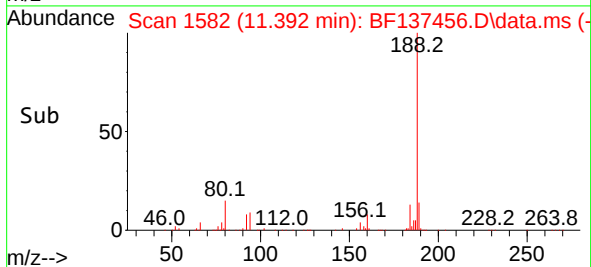
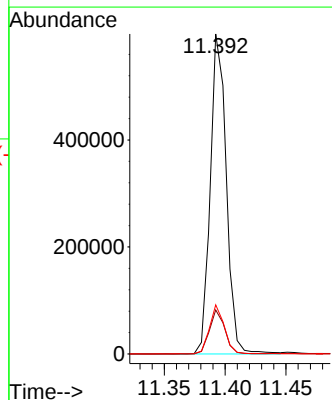
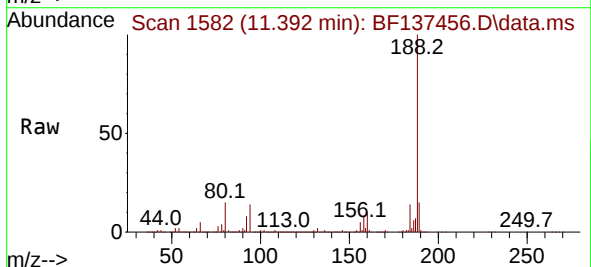
Tgt Ion: 188 Resp: 549301

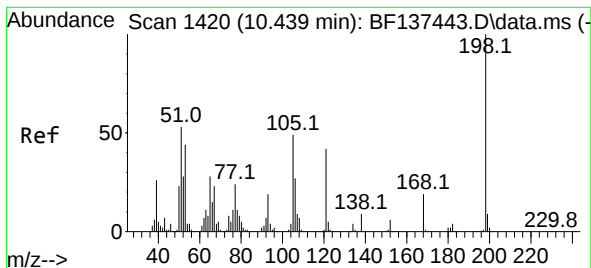
Ion Ratio Lower Upper

188 100

94 13.8 10.6 15.8

80 15.3 11.5 17.3

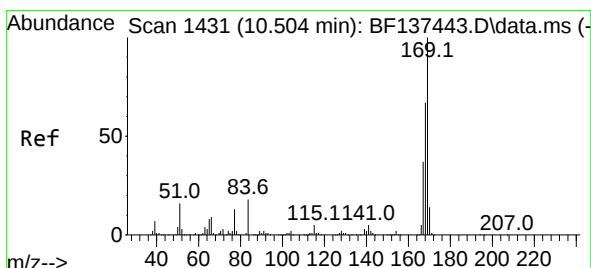
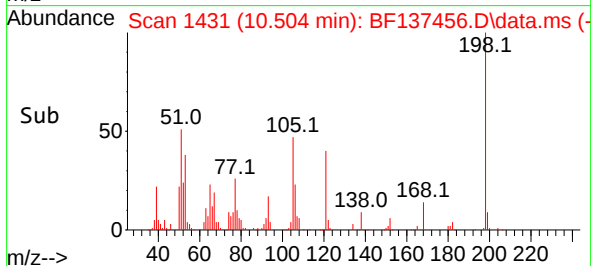
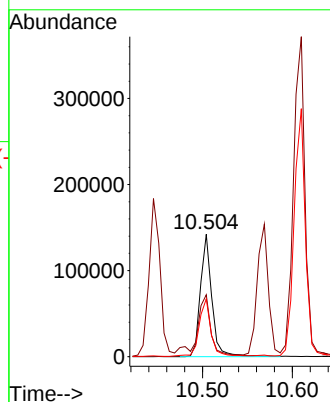
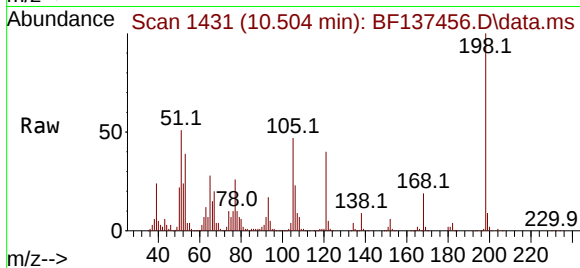




#65
4,6-Dinitro-2-methylphenol
Concen: 40.978 ng
RT: 10.504 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

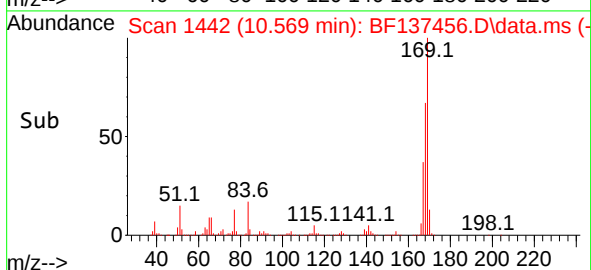
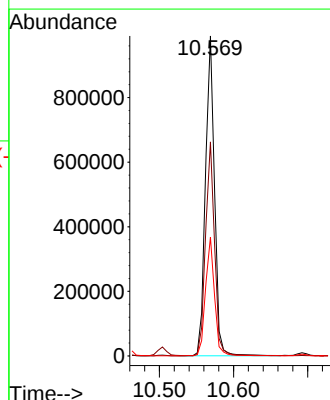
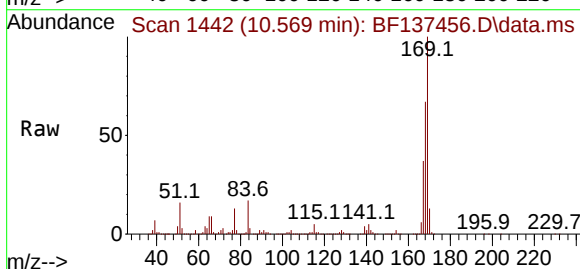
Instrument :
BNA_F
ClientSampleId :
294MS

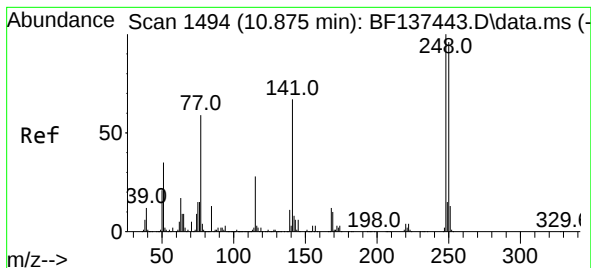
Tgt Ion:198 Resp: 125455
Ion Ratio Lower Upper
198 100
51 50.6 37.2 77.2
105 47.1 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 47.663 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:169 Resp: 843071
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.6
167 37.1 29.6 44.4

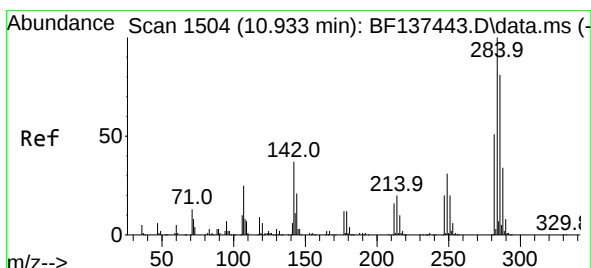
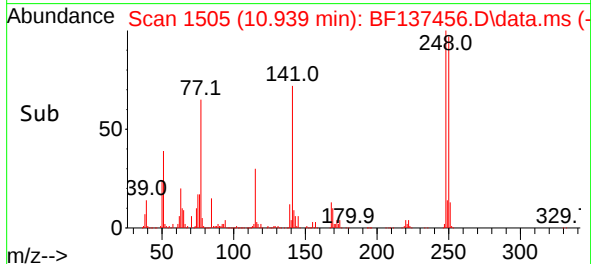
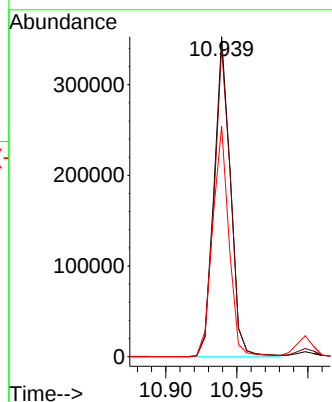
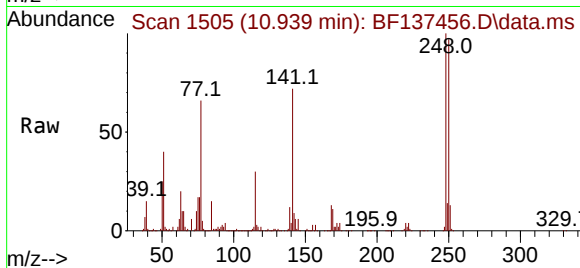




#67
4-Bromophenyl-phenylether
Concen: 47.146 ng
RT: 10.939 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

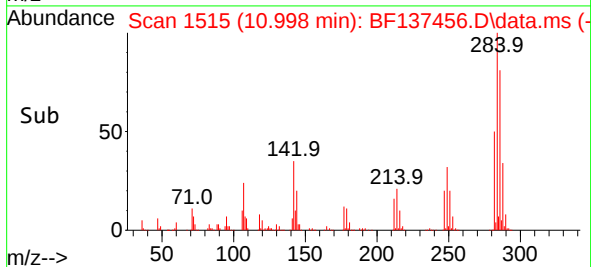
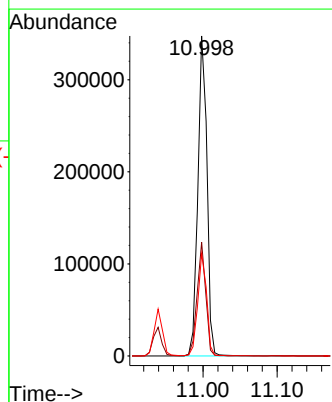
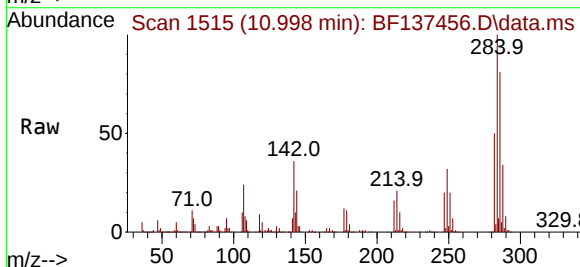
Instrument :
BNA_F
ClientSampleId :
294MS

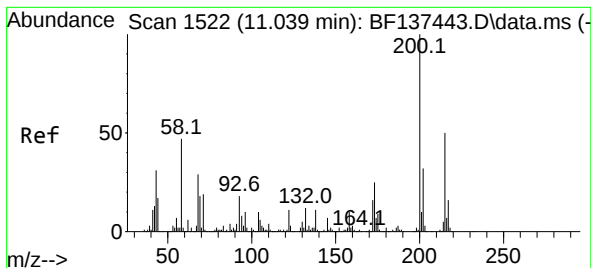
Tgt Ion:248 Resp: 282069
Ion Ratio Lower Upper
248 100
250 96.8 76.8 115.2
141 72.0 53.4 80.0



#68
Hexachlorobenzene
Concen: 48.815 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:284 Resp: 294980
Ion Ratio Lower Upper
284 100
142 35.5 29.4 44.0
249 32.0 25.0 37.4





#69

Atrazine

Concen: 49.459 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

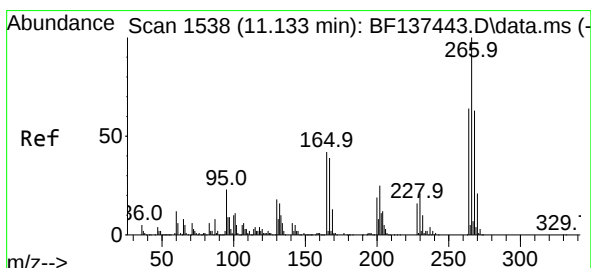
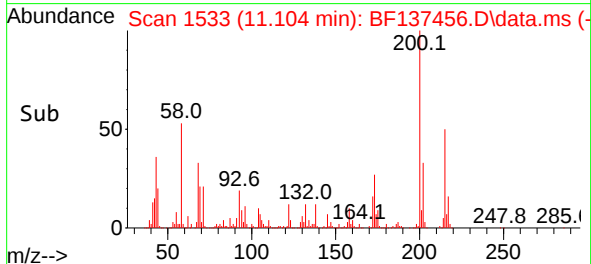
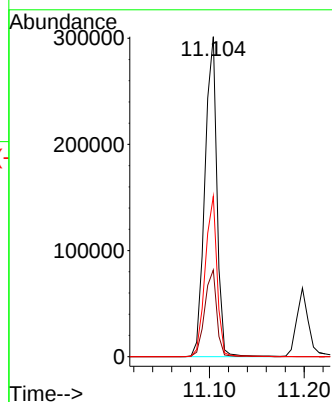
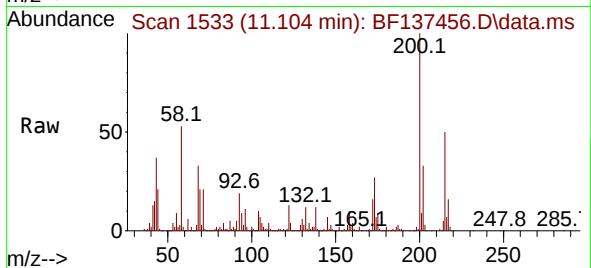
Tgt Ion:200 Resp: 265950

Ion Ratio Lower Upper

200 100

173 27.1 5.1 45.1

215 50.1 30.4 70.4



#70

Pentachlorophenol

Concen: 83.096 ng

RT: 11.198 min Scan# 1549

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

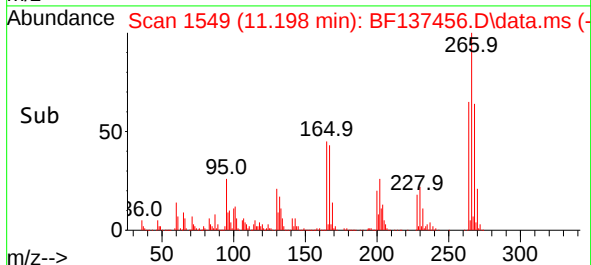
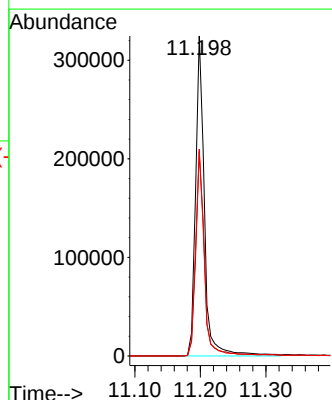
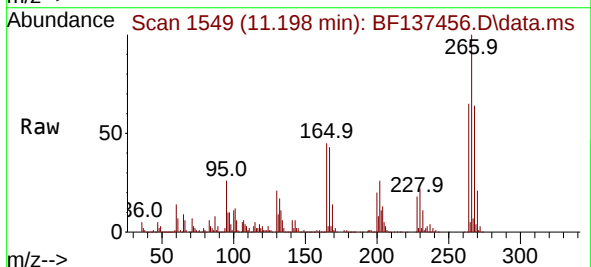
Tgt Ion:266 Resp: 303549

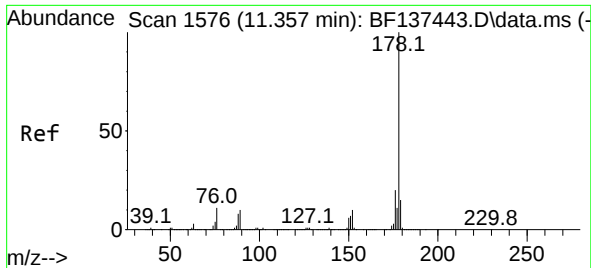
Ion Ratio Lower Upper

266 100

268 63.9 50.2 75.2

264 64.6 50.9 76.3

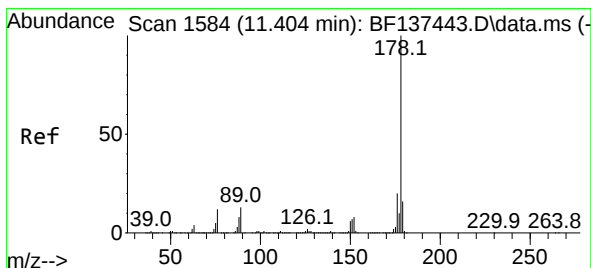
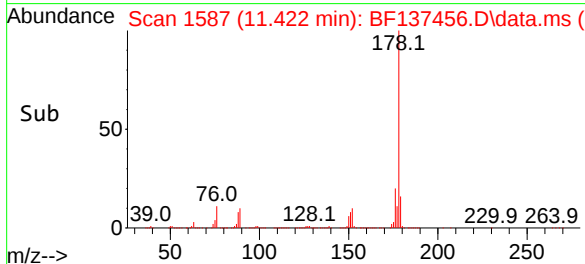
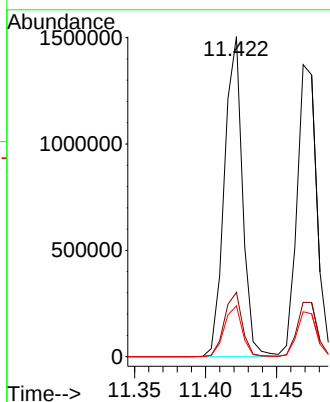
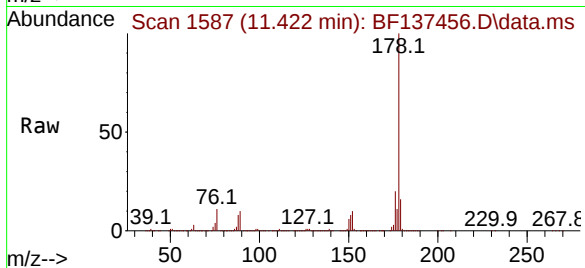




#71
Phenanthrene
Concen: 44.593 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

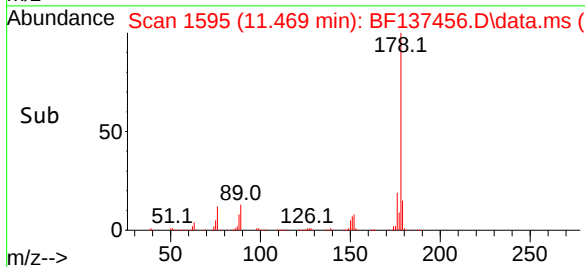
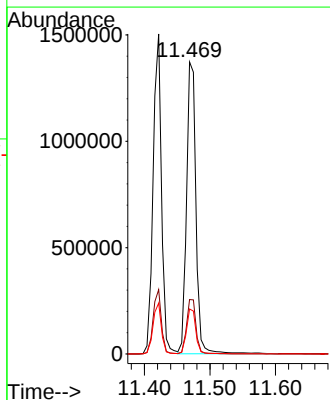
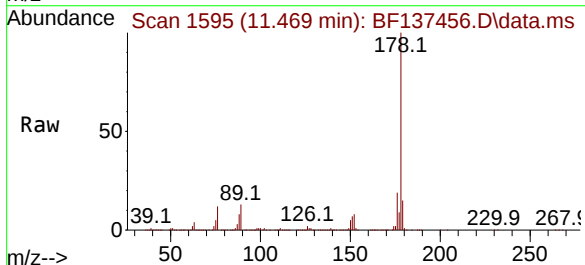
Instrument :
BNA_F
ClientSampleId :
294MS

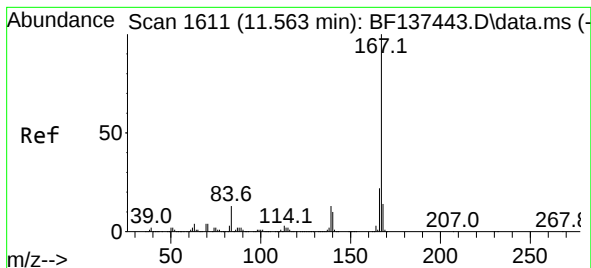
Tgt Ion:178 Resp: 1333076
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.9 12.2 18.2



#72
Anthracene
Concen: 44.192 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.018 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:178 Resp: 1356826
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 15.4 12.7 19.1





#73

Carbazole

Concen: 43.253 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

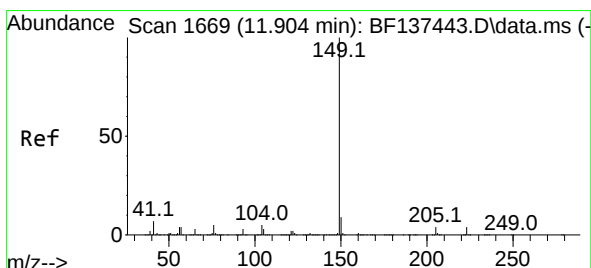
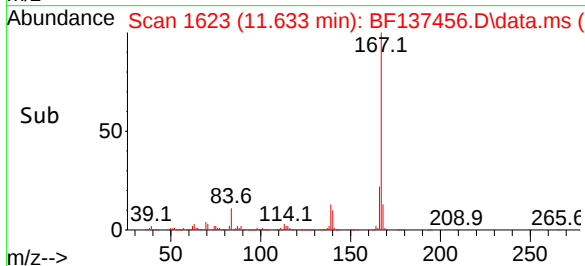
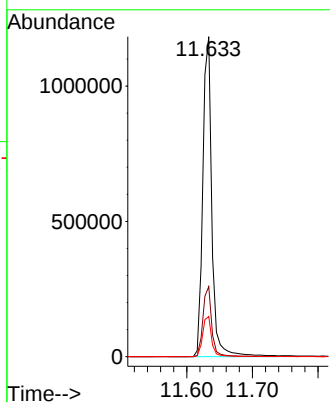
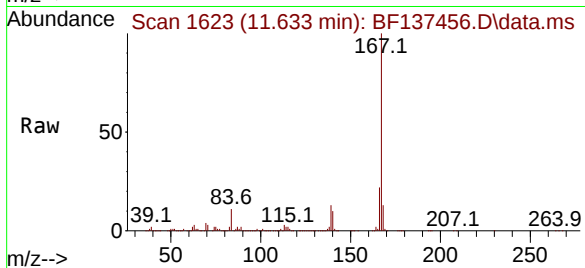
Tgt Ion:167 Resp: 1137519

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.8

139 12.6 10.5 15.7



#74

Di-n-butylphthalate

Concen: 48.584 ng

RT: 11.969 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

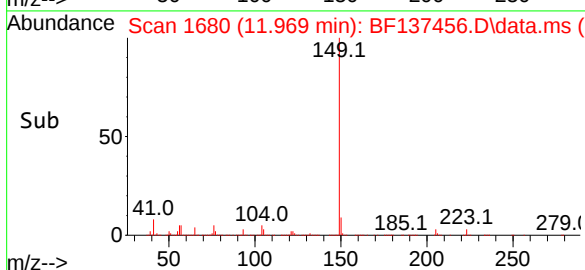
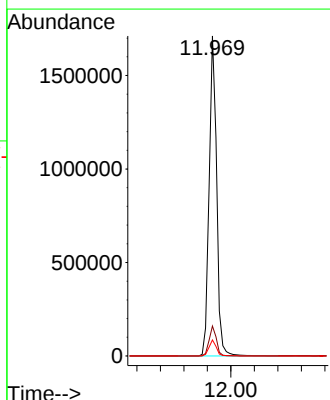
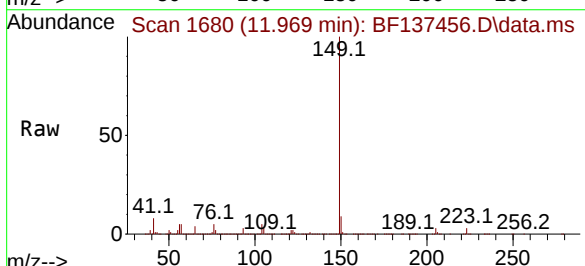
Tgt Ion:149 Resp: 1520187

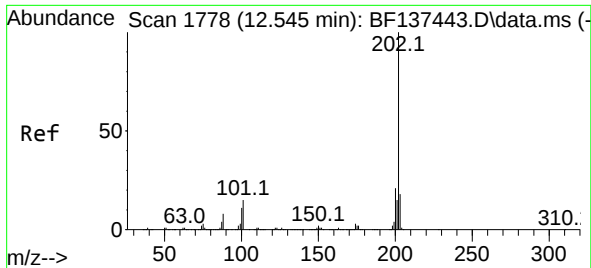
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.0 3.8 5.6

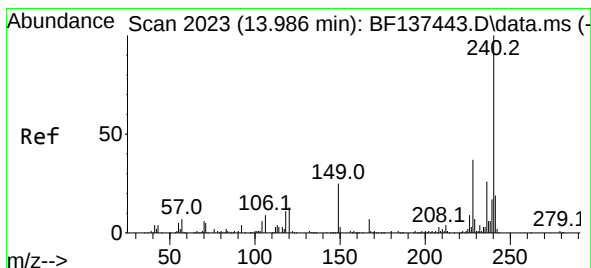
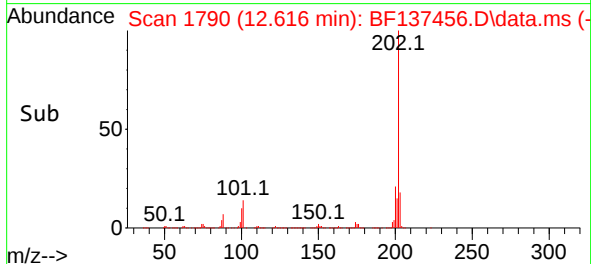
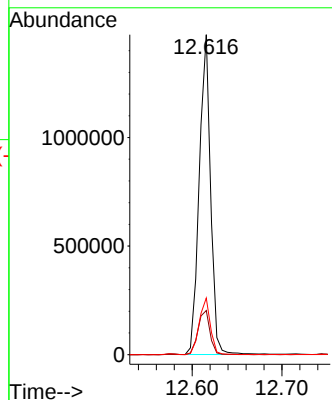
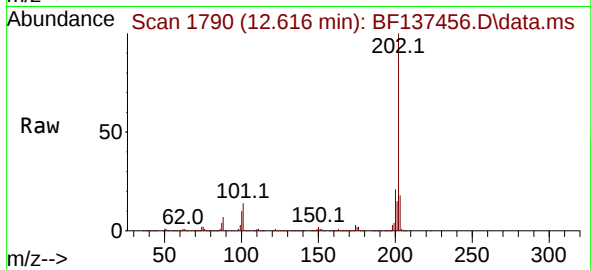




#75
Fluoranthene
Concen: 44.135 ng
RT: 12.616 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

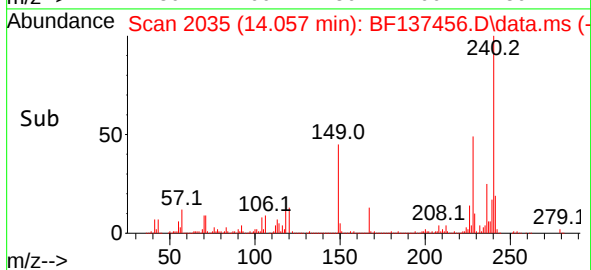
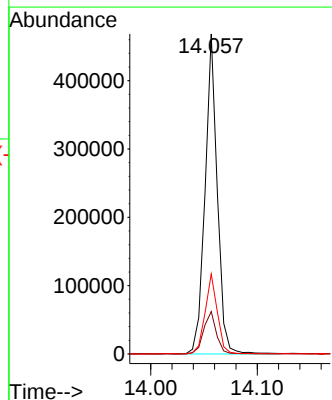
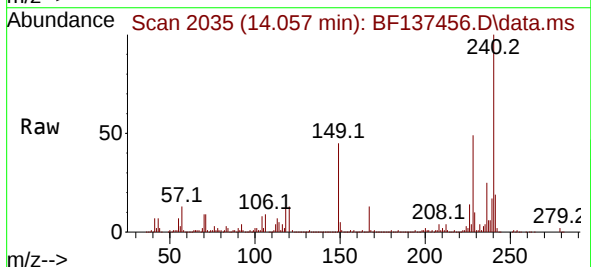
Instrument :
BNA_F
ClientSampleId :
294MS

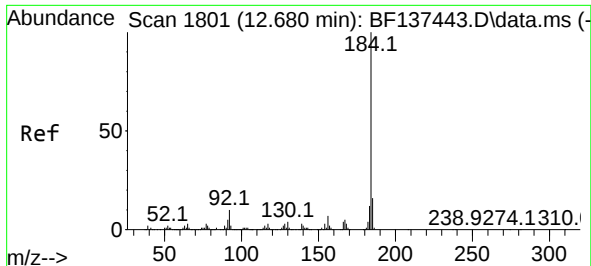
Tgt Ion:202 Resp: 1289673
Ion Ratio Lower Upper
202 100
101 13.8 0.0 35.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:240 Resp: 375688
Ion Ratio Lower Upper
240 100
120 13.2 10.4 15.6
236 25.0 20.9 31.3

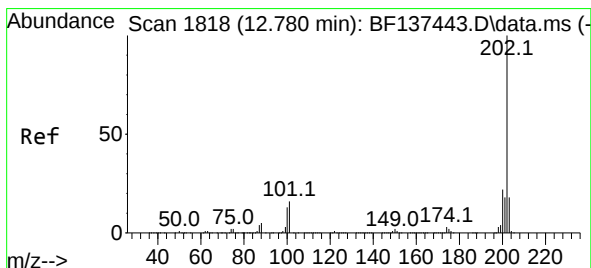
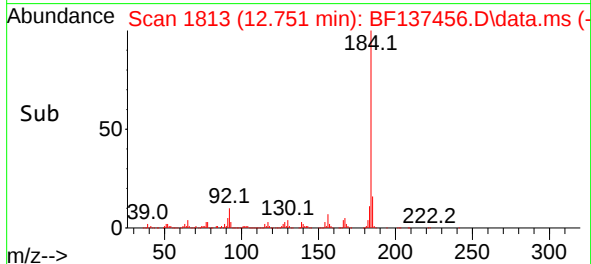
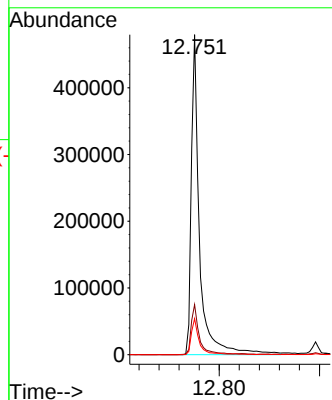
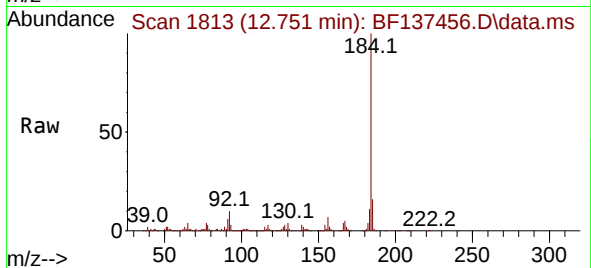




#77
Benzidine
Concen: 59.692 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

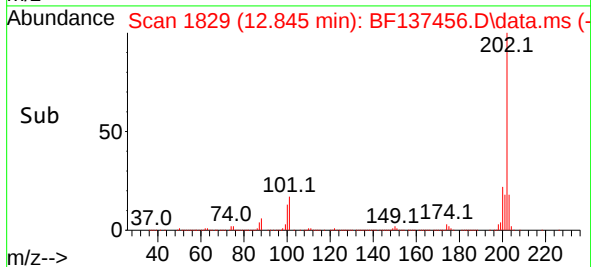
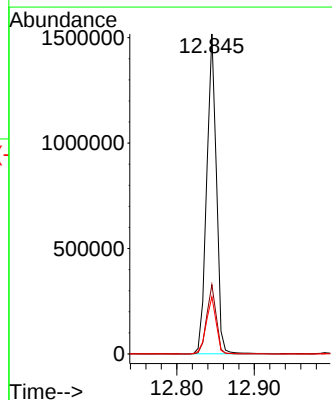
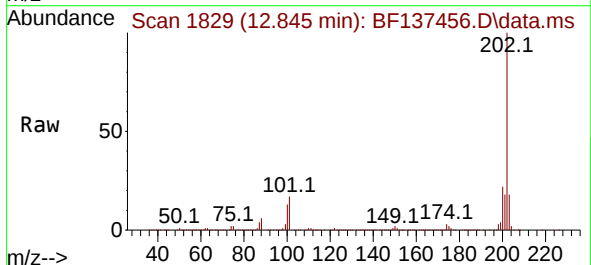
Instrument :
BNA_F
ClientSampleId :
294MS

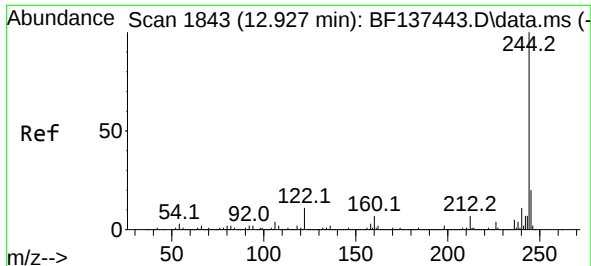
Tgt Ion:184 Resp: 548800
Ion Ratio Lower Upper
184 100
185 15.6 13.2 19.8
183 11.2 9.3 13.9



#78
Pyrene
Concen: 35.636 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

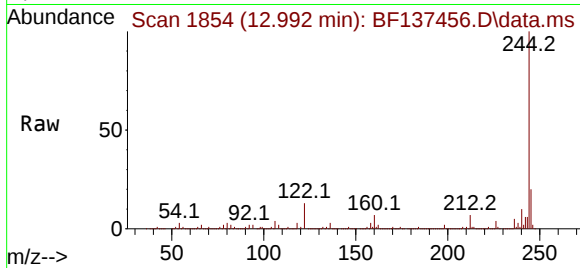
Tgt Ion:202 Resp: 1313680
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.8 14.1 21.1



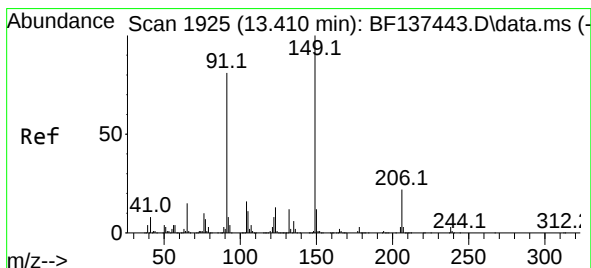
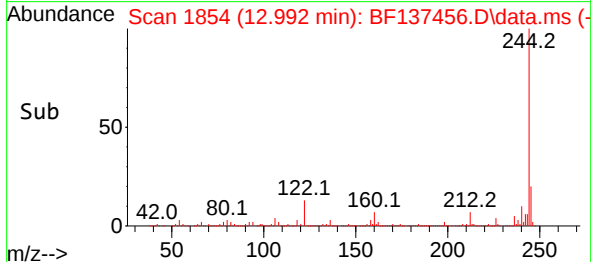
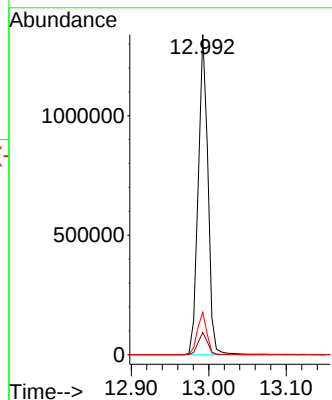


#79
 Terphenyl-d14
 Concen: 42.645 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.018 min
 Lab File: BF137456.D
 Acq: 01 Mar 2024 13:47

Instrument :
 BNA_F
 ClientSampleId :
 294MS

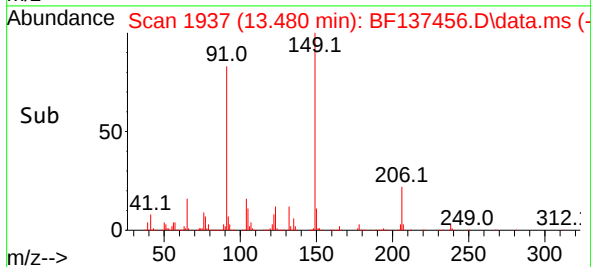
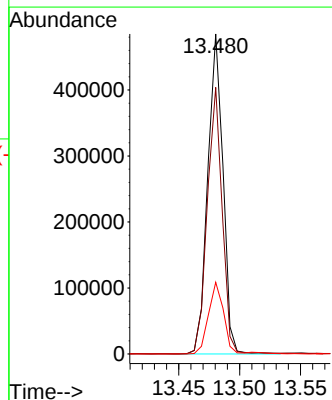
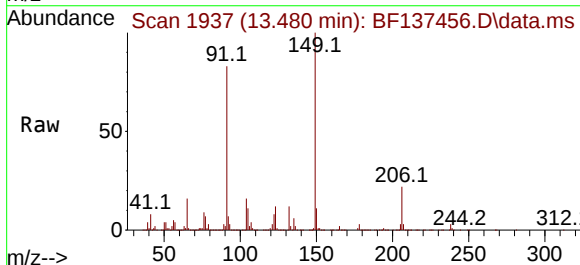


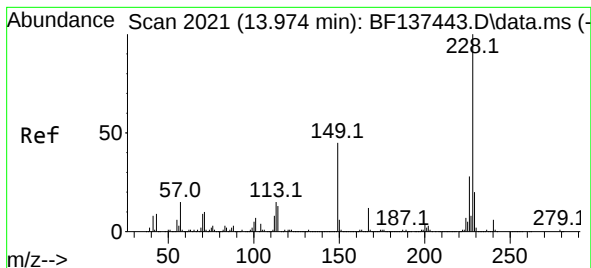
Tgt Ion:244 Resp: 1165089
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 13.3 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 44.883 ng
 RT: 13.480 min Scan# 1937
 Delta R.T. -0.012 min
 Lab File: BF137456.D
 Acq: 01 Mar 2024 13:47

Tgt Ion:149 Resp: 422551
 Ion Ratio Lower Upper
 149 100
 91 83.3 64.7 97.1
 206 22.4 17.5 26.3





#81

Benzo(a)anthracene

Concen: 45.802 ng

RT: 14.045 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

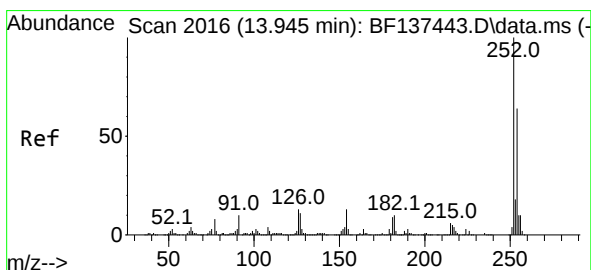
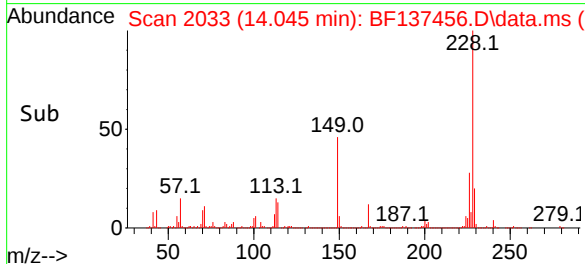
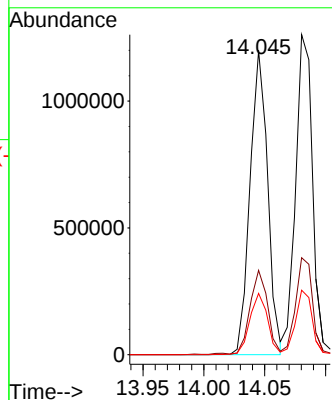
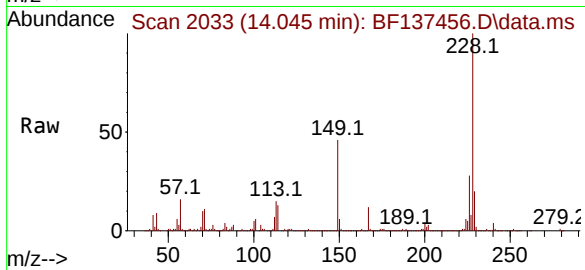
Tgt Ion:228 Resp: 1206041

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

229 20.1 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 41.450 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

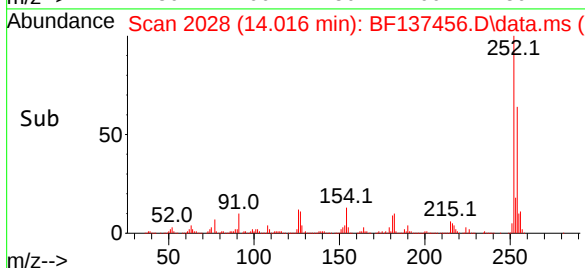
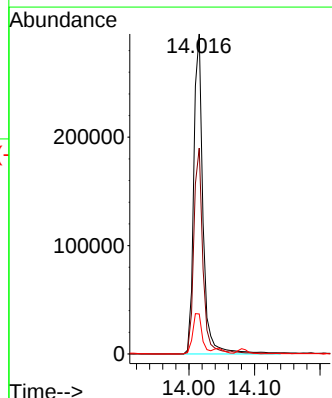
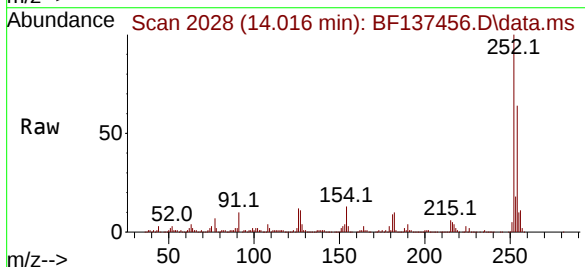
Tgt Ion:252 Resp: 290650

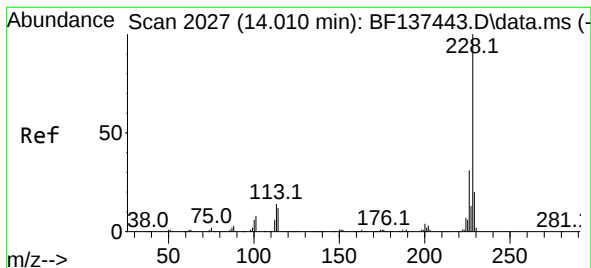
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.2

126 12.5 10.4 15.6





#83

Chrysene

Concen: 45.782 ng

RT: 14.080 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

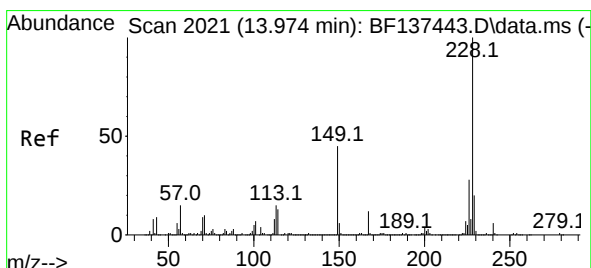
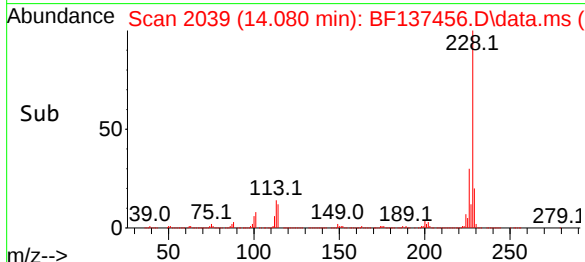
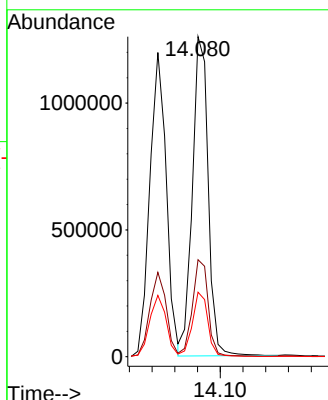
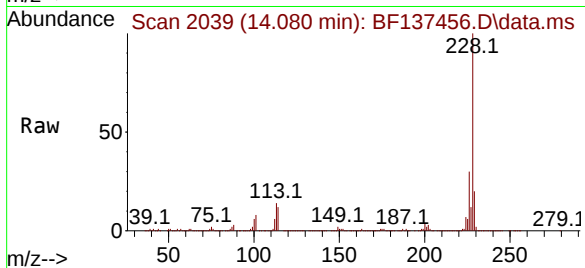
Tgt Ion:228 Resp: 1218397

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.279 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

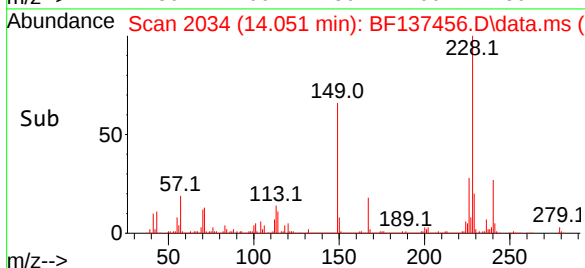
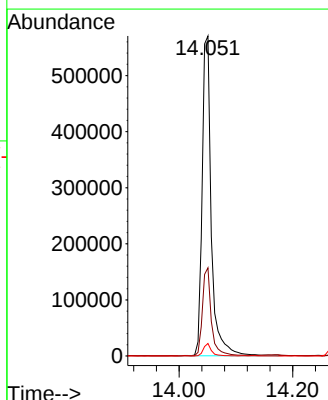
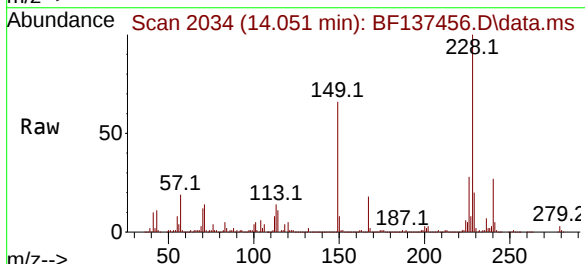
Tgt Ion:149 Resp: 637531

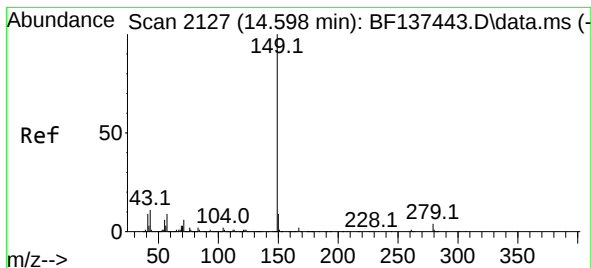
Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

279 3.9 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 56.538 ng

RT: 14.674 min Scan# 2140

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

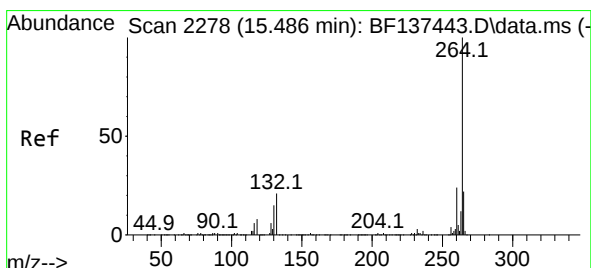
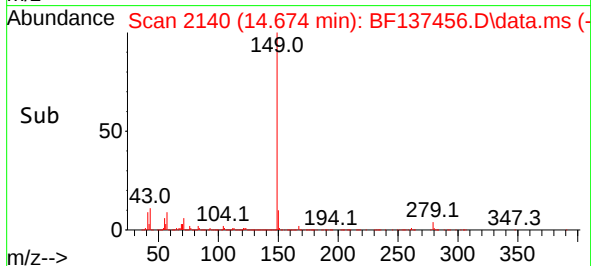
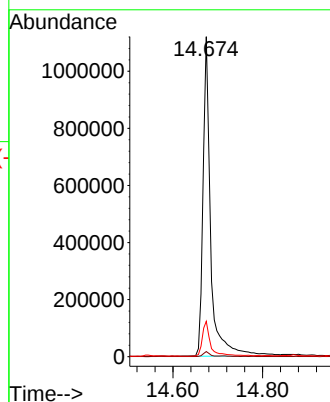
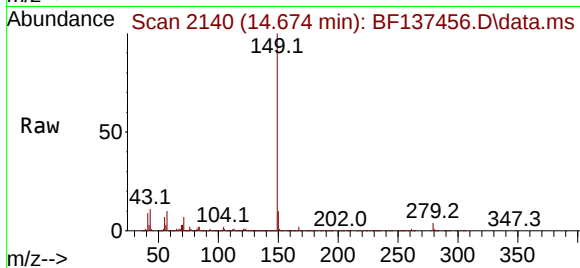
Tgt Ion:149 Resp: 1329915

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

43 11.5 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2295

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

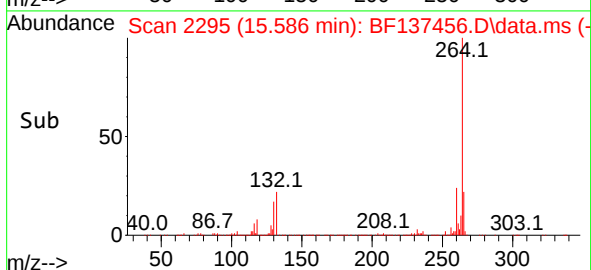
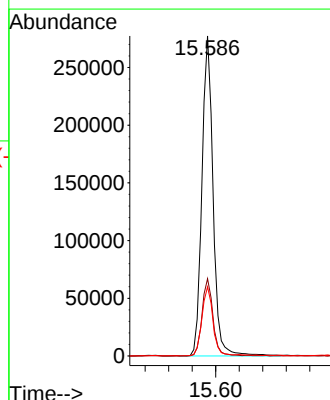
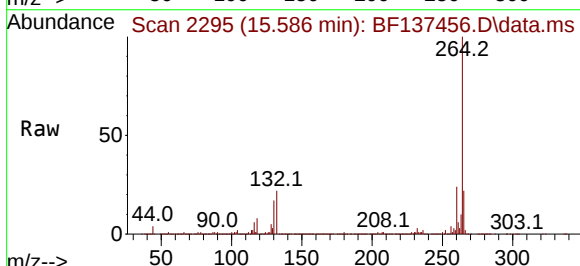
Tgt Ion:264 Resp: 365535

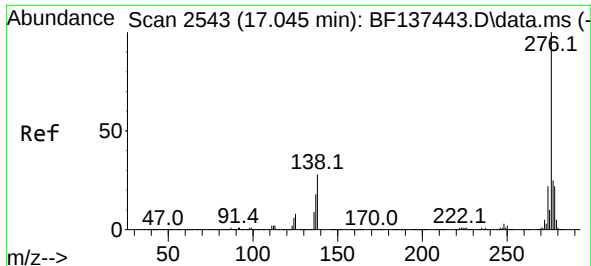
Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

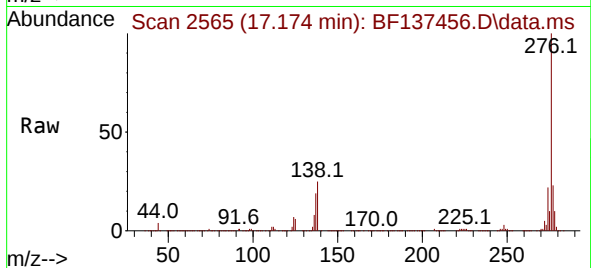
265 21.6 17.4 26.0



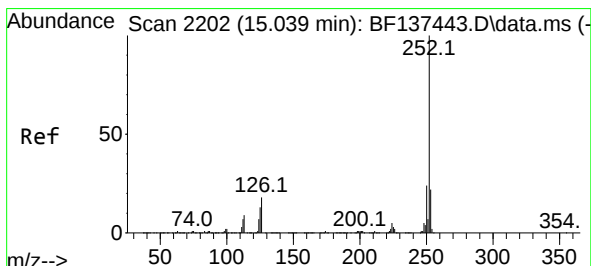
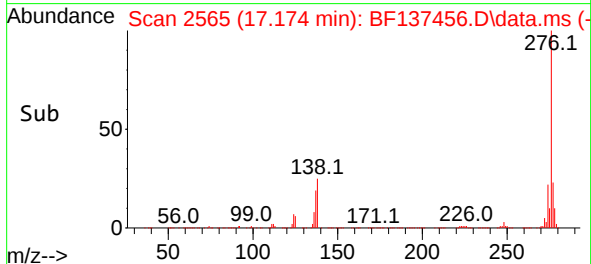
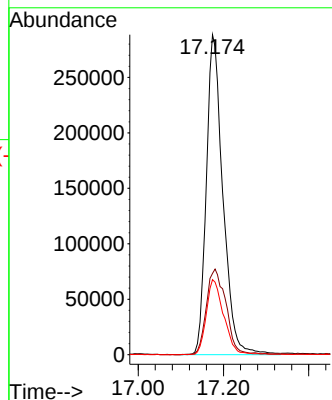


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 32.408 ng
 RT: 17.174 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF137456.D
 Acq: 01 Mar 2024 13:47

Instrument :
 BNA_F
 ClientSampleId :
 294MS

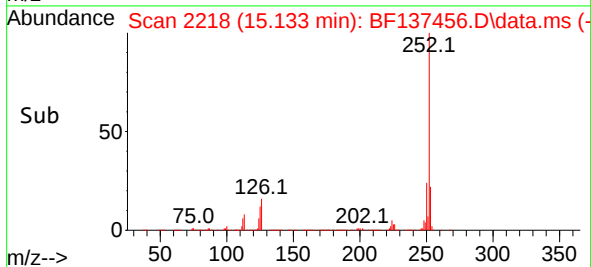
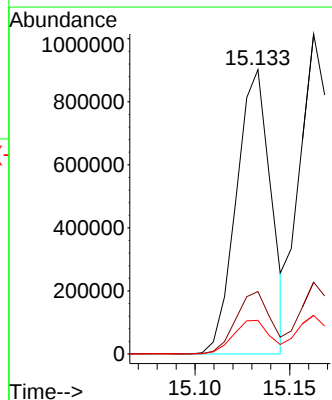
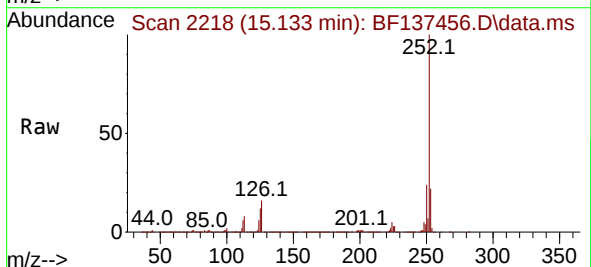


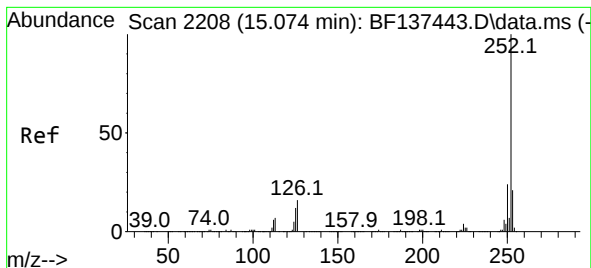
Tgt Ion:276 Resp: 779556
 Ion Ratio Lower Upper
 276 100
 138 31.4 25.8 38.8
 277 24.7 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 52.949 ng
 RT: 15.133 min Scan# 2218
 Delta R.T. -0.012 min
 Lab File: BF137456.D
 Acq: 01 Mar 2024 13:47

Tgt Ion:252 Resp: 1144913
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 11.8 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 49.736 ng

RT: 15.163 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

Instrument :

BNA_F

ClientSampleId :

294MS

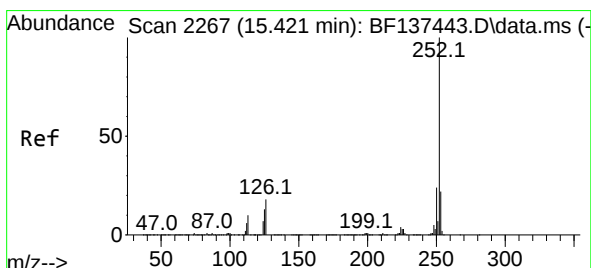
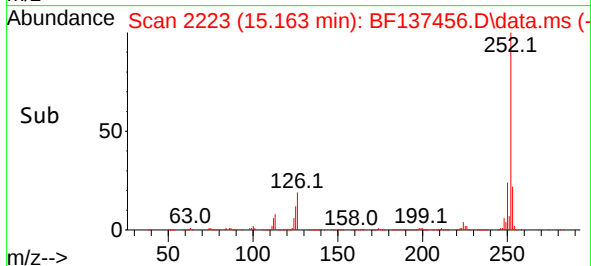
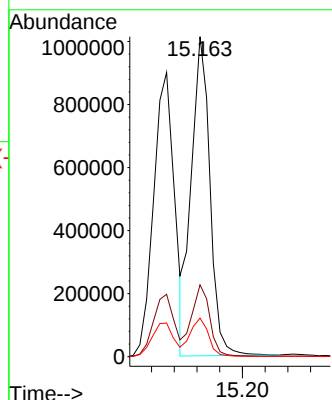
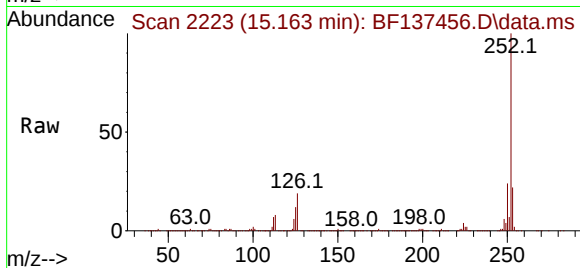
Tgt Ion:252 Resp: 1155128

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 12.1 9.6 14.4



#90

Benzo(a)pyrene

Concen: 46.892 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.012 min

Lab File: BF137456.D

Acq: 01 Mar 2024 13:47

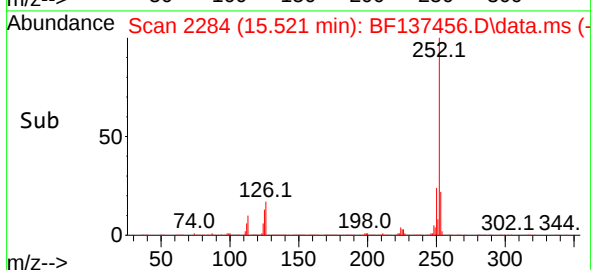
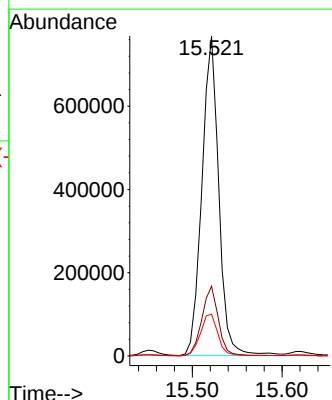
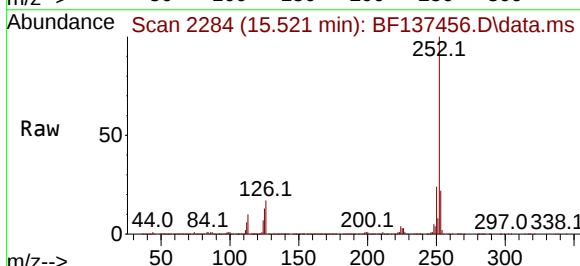
Tgt Ion:252 Resp: 999185

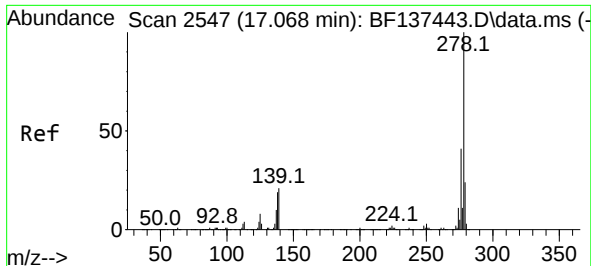
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 13.1 10.4 15.6

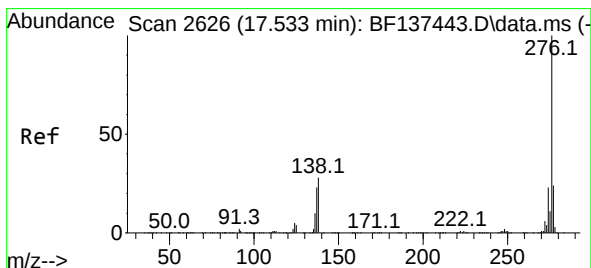
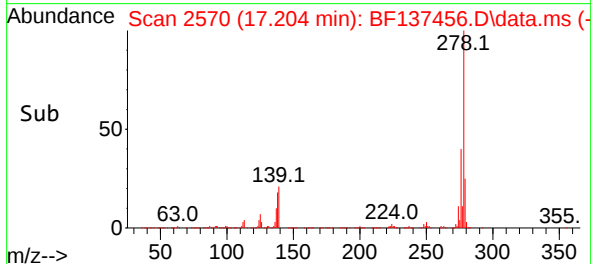
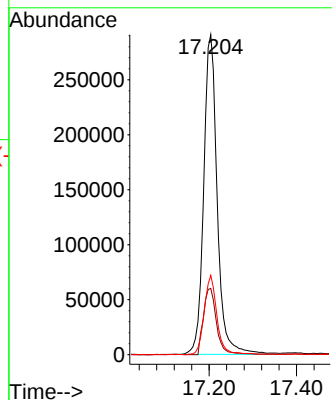
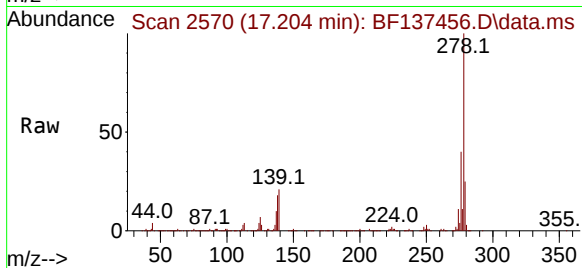




#91
Dibenzo(a,h)anthracene
Concen: 32.168 ng
RT: 17.204 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Instrument :
BNA_F
ClientSampleId :
294MS

Tgt Ion:278 Resp: 627701
Ion Ratio Lower Upper
278 100
139 20.7 17.0 25.6
279 24.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 28.848 ng
RT: 17.657 min Scan# 2647
Delta R.T. -0.035 min
Lab File: BF137456.D
Acq: 01 Mar 2024 13:47

Tgt Ion:276 Resp: 578112
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 28.8 22.2 33.2

