

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137421.D
 Acq On : 28 Feb 2024 14:25
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 14:59:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	226106	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	871585	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	489027	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	822900	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	440072	20.000	ng	0.00
86) Perylene-d12	15.456	264	366383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1234626	84.255	ng	-0.01
7) Phenol-d6	6.428	99	1713060	79.472	ng	-0.01
23) Nitrobenzene-d5	7.351	82	1528642	87.561	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	335501	78.784	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2358952	75.099	ng	-0.01
79) Terphenyl-d14	12.915	244	2518941	80.060	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	333477	41.543	ng	99
3) Pyridine	3.293	79	857798	42.113	ng	99
4) n-Nitrosodimethylamine	3.269	42	325839	42.818	ng	95
6) Aniline	6.451	93	1086074	42.487	ng	95
8) 2-Chlorophenol	6.575	128	632061	40.216	ng	97
9) Benzaldehyde	6.339	77	457587	44.093	ng	98
10) Phenol	6.439	94	937121	39.724	ng	90
11) bis(2-Chloroethyl)ether	6.528	93	712734	41.578	ng	97
12) 1,3-Dichlorobenzene	6.728	146	664011	39.342	ng	97
13) 1,4-Dichlorobenzene	6.804	146	687343	39.555	ng	97
14) 1,2-Dichlorobenzene	6.957	146	620919	38.630	ng	98
15) Benzyl Alcohol	6.933	79	572232	44.535	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	1163073	40.820	ng	97
17) 2-Methylphenol	7.045	107	592074	39.815	ng	98
18) Hexachloroethane	7.292	117	231057	38.587	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	506131	38.104	ng	96
20) 3+4-Methylphenols	7.198	107	671685	39.629	ng	99
22) Acetophenone	7.198	105	852183	40.321	ng	99
24) Nitrobenzene	7.369	77	782431	44.107	ng	95
25) Isophorone	7.610	82	1429629	39.598	ng	99
26) 2-Nitrophenol	7.680	139	311882	46.131	ng	90
27) 2,4-Dimethylphenol	7.728	122	575111	43.314	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	859394	41.298	ng	99
29) 2,4-Dichlorophenol	7.928	162	533123	42.840	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	542201	40.592	ng	98
31) Naphthalene	8.086	128	1857955	39.722	ng	99
32) Benzoic acid	7.857	122	301261	38.661	ng	98
33) 4-Chloroaniline	8.139	127	775913	43.616	ng	98
34) Hexachlorobutadiene	8.204	225	318569	40.146	ng	98
35) Caprolactam	8.522	113	177478	46.117	ng	95
36) 4-Chloro-3-methylphenol	8.627	107	582087	41.258	ng	95
37) 2-Methylnaphthalene	8.780	142	1189153	39.455	ng	100
38) 1-Methylnaphthalene	8.880	142	1104866	38.773	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	536312	39.818	ng	98
41) Hexachlorocyclopentadiene	8.927	237	266639	43.663	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	361614	41.407	ng	98

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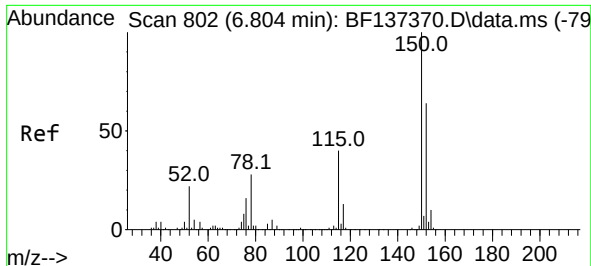
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	414455	41.366	ng	99
46) 1,1'-Biphenyl	9.245	154	1406348	39.485	ng	99
47) 2-Chloronaphthalene	9.269	162	1077378	40.054	ng	99
48) 2-Nitroaniline	9.369	65	382599	46.936	ng	99
49) Acenaphthylene	9.686	152	1700969	38.922	ng	100
50) Dimethylphthalate	9.551	163	1340278	39.663	ng	99
51) 2,6-Dinitrotoluene	9.616	165	286178	45.523	ng	92
52) Acenaphthene	9.857	154	1014002	38.870	ng	99
53) 3-Nitroaniline	9.786	138	316291	44.227	ng	99
54) 2,4-Dinitrophenol	9.886	184	113745	40.864	ng	91
55) Dibenzofuran	10.033	168	1549812	38.438	ng	99
56) 4-Nitrophenol	9.951	139	207188	41.395	ng	97
57) 2,4-Dinitrotoluene	10.016	165	358721	45.197	ng	96
58) Fluorene	10.374	166	1160355	37.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	338885	40.845	ng	99
60) Diethylphthalate	10.257	149	1261559	39.987	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	563948	37.233	ng	99
62) 4-Nitroaniline	10.404	138	295814	44.845	ng	97
63) Azobenzene	10.527	77	1480896	39.233	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	184781	46.117	ng	98
66) n-Nitrosodiphenylamine	10.492	169	1066187	39.894	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	362476	40.974	ng	96
68) Hexachlorobenzene	10.921	284	359574	39.292	ng	98
69) Atrazine	11.027	200	330108	45.770	ng	98
70) Pentachlorophenol	11.121	266	238659	41.161	ng	97
71) Phenanthrene	11.345	178	1763733	38.848	ng	99
72) Anthracene	11.392	178	1859644	39.746	ng	100
73) Carbazole	11.551	167	1605621	40.165	ng	99
74) Di-n-butylphthalate	11.892	149	1836802	45.921	ng	100
75) Fluoranthene	12.533	202	1746855	39.418	ng	98
77) Benzidine	12.668	184	515267	65.601	ng	97
78) Pyrene	12.768	202	1774708	42.649	ng	99
80) Butylbenzylphthalate	13.398	149	408233	60.677	ng	92
81) Benzo(a)anthracene	13.962	228	1237043	40.509	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	336039	47.275	ng	99
83) Chrysene	14.004	228	1244614	39.898	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	472344	56.430	ng	98
85) Di-n-octyl phthalate	14.586	149	785661	53.810	ng	# 92
87) Indeno(1,2,3-cd)pyrene	16.968	276	1066518	42.272	ng	100
88) Benzo(b)fluoranthene	15.021	252	911988	40.577	ng	99
89) Benzo(k)fluoranthene	15.056	252	909308	38.600	ng	98
90) Benzo(a)pyrene	15.398	252	879585	41.258	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	868874	41.999	ng	98
92) Benzo(g,h,i)perylene	17.421	276	900569	42.170	ng	98

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

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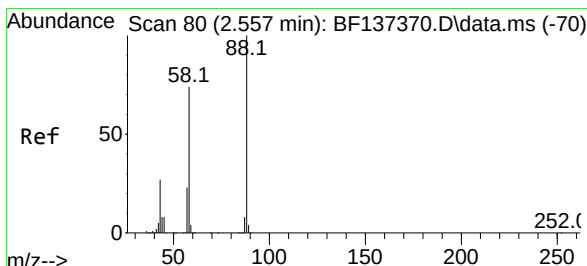
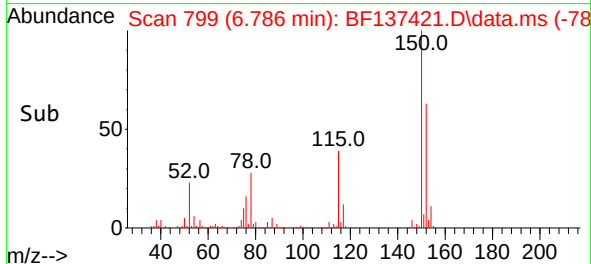
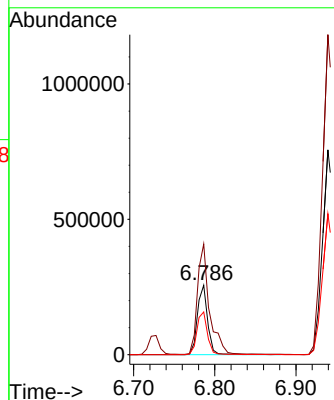
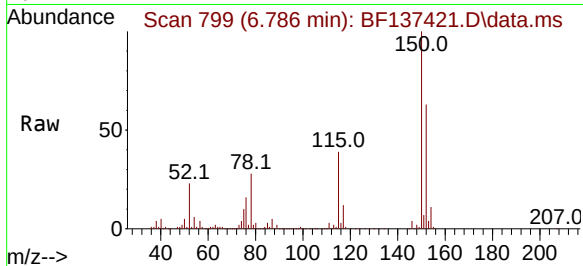




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.018 min
 Lab File: BF137421.D
 Acq: 28 Feb 2024 14:25

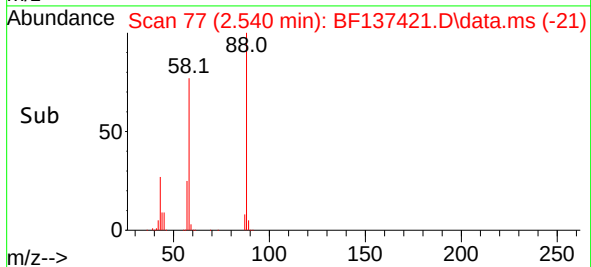
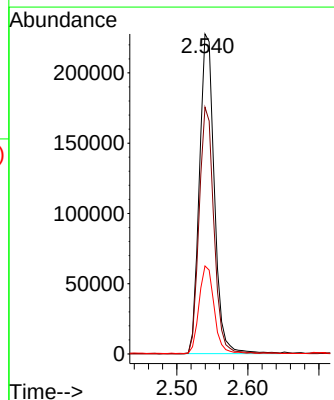
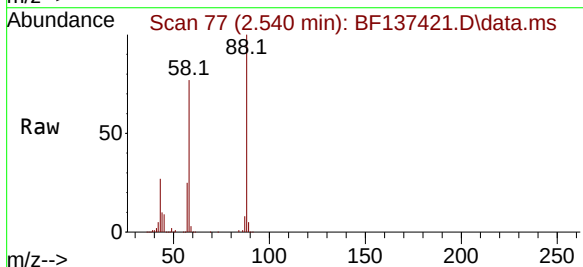
Instrument :
 BNA_F
 ClientSampleId :

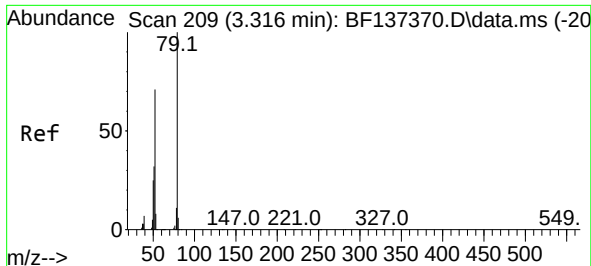
Tgt Ion:152 Resp: 226106
 Ion Ratio Lower Upper
 152 100
 150 159.3 125.7 188.5
 115 61.4 49.8 74.8



#2
 1,4-Dioxane
 Concen: 41.543 ng
 RT: 2.540 min Scan# 77
 Delta R.T. -0.018 min
 Lab File: BF137421.D
 Acq: 28 Feb 2024 14:25

Tgt Ion: 88 Resp: 333477
 Ion Ratio Lower Upper
 88 100
 58 76.5 60.6 91.0
 43 27.7 22.0 33.0

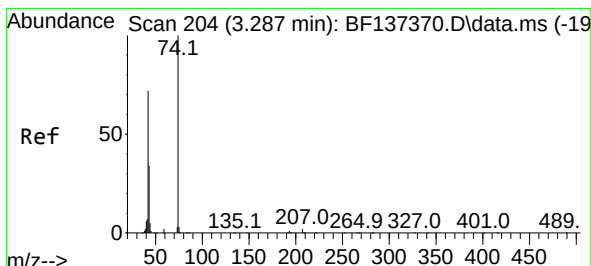
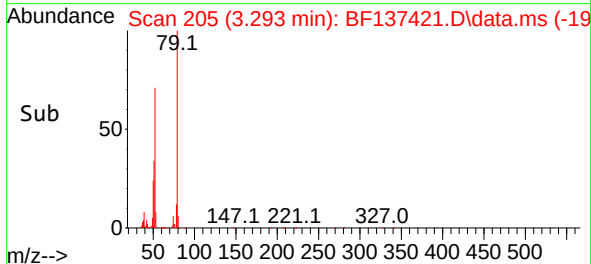
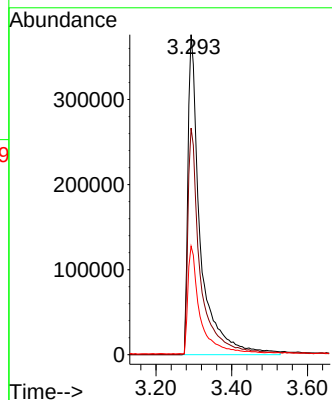
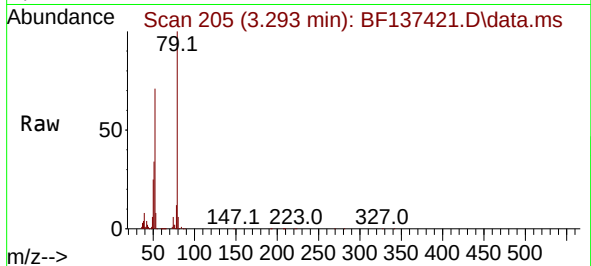




#3
 Pyridine
 Concen: 42.113 ng
 RT: 3.293 min Scan# 20
 Delta R.T. -0.023 min
 Lab File: BF137421.D
 Acq: 28 Feb 2024 14:25

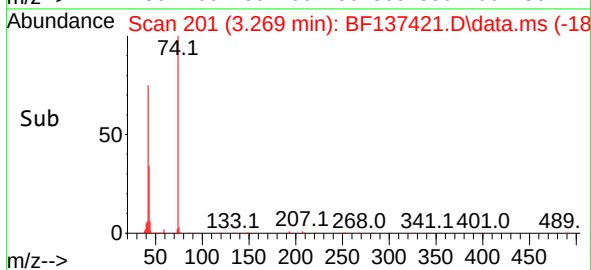
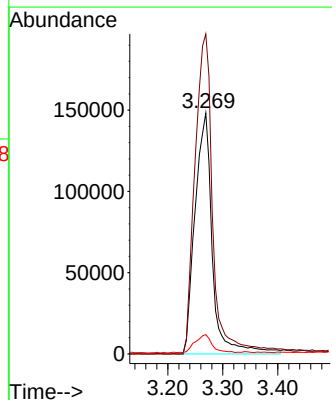
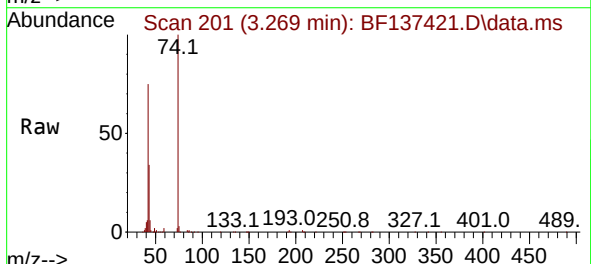
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 ClientSampleId :

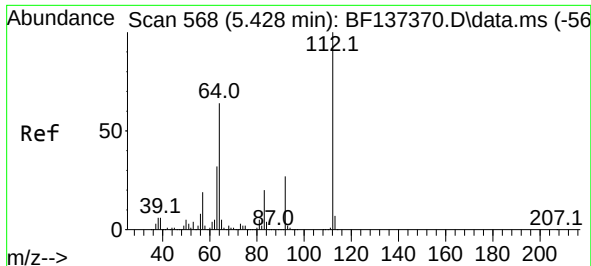
Tgt Ion: 79 Resp: 857798
 Ion Ratio Lower Upper
 79 100
 52 70.8 56.5 84.7
 51 33.9 26.2 39.2



#4
 n-Nitrosodimethylamine
 Concen: 42.818 ng
 RT: 3.269 min Scan# 201
 Delta R.T. -0.018 min
 Lab File: BF137421.D
 Acq: 28 Feb 2024 14:25

Tgt Ion: 42 Resp: 325839
 Ion Ratio Lower Upper
 42 100
 74 132.8 110.8 166.2
 44 8.0 6.0 9.0

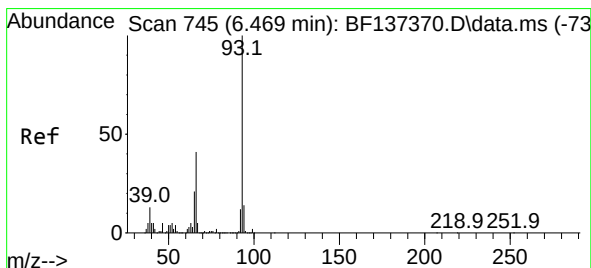
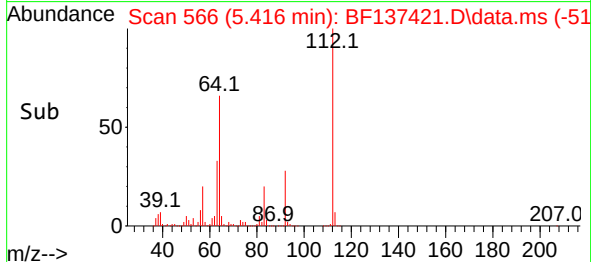
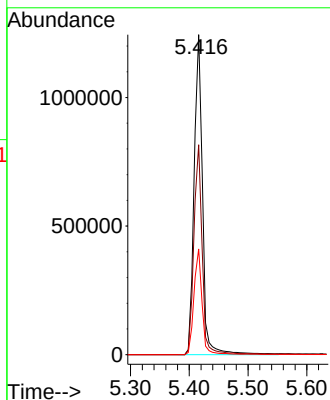
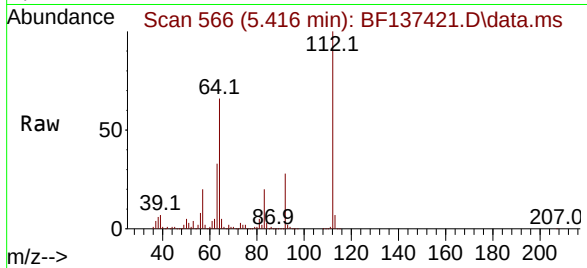




#5
2-Fluorophenol
Concen: 84.255 ng
RT: 5.416 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

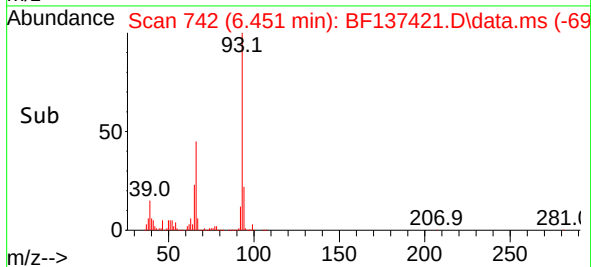
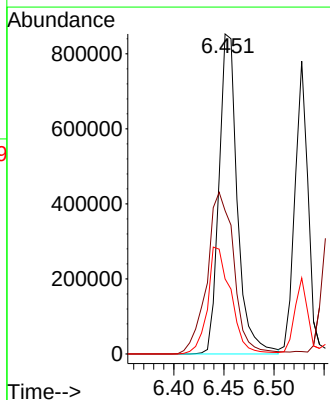
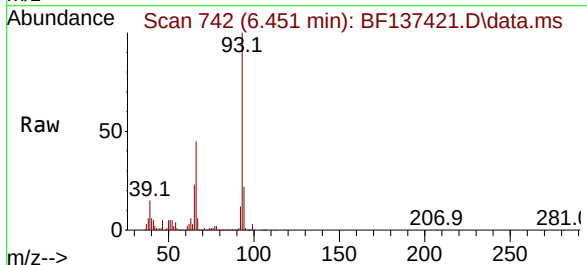
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BNA_F
ClientSampleId :

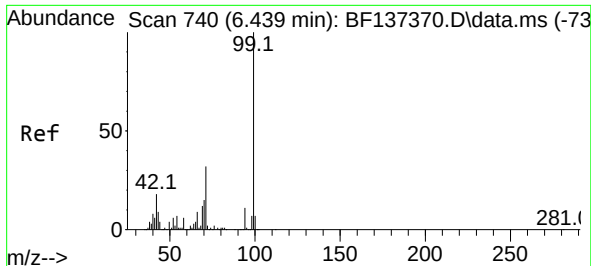
Tgt Ion:112 Resp: 1234626
Ion Ratio Lower Upper
112 100
64 65.6 51.0 76.6
63 33.1 25.7 38.5



#6
Aniline
Concen: 42.487 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion: 93 Resp: 1086074
Ion Ratio Lower Upper
93 100
66 44.8 33.0 49.4
65 23.4 17.0 25.6

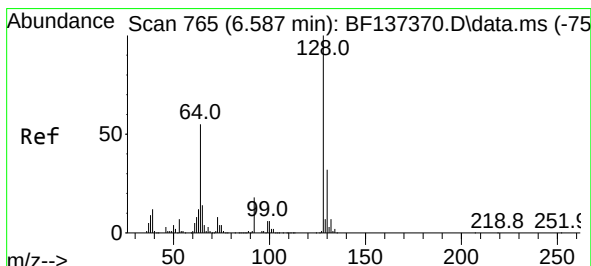
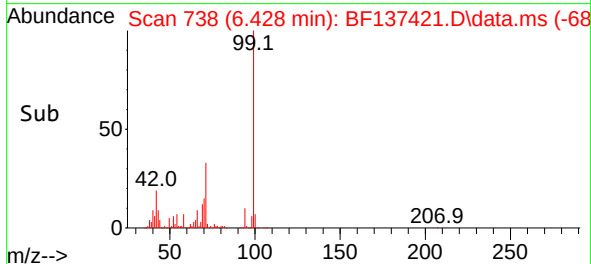
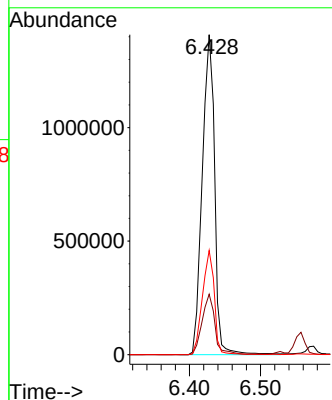
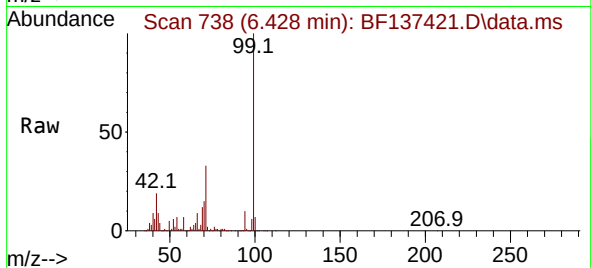




#7
Phenol-d6
Concen: 79.472 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

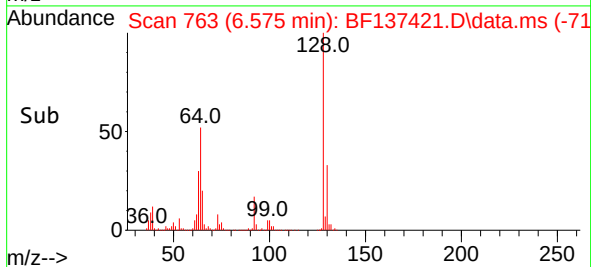
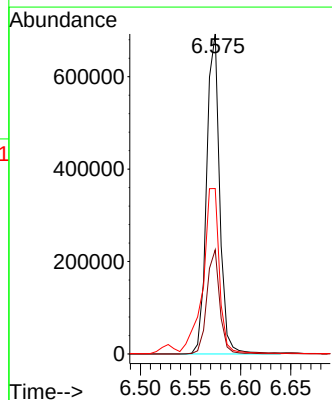
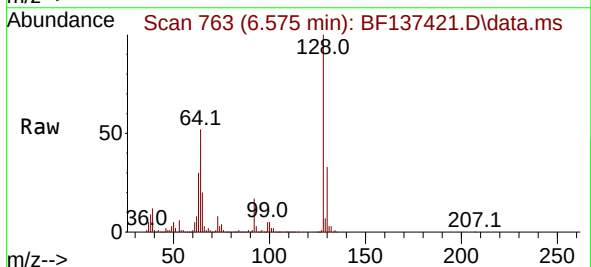
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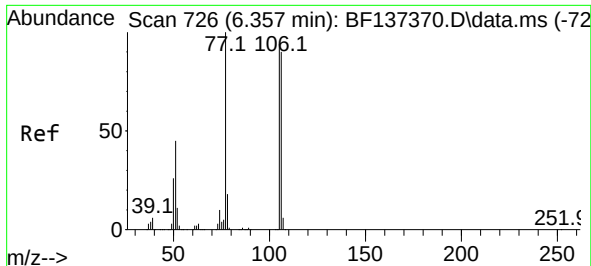
Tgt Ion: 99 Resp: 1713060
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 32.5 25.2 37.8



#8
2-Chlorophenol
Concen: 40.216 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

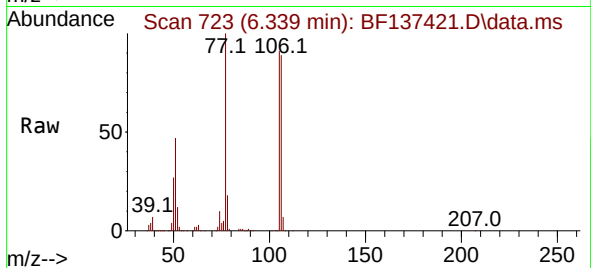
Tgt Ion: 128 Resp: 632061
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 51.7 35.3 75.3



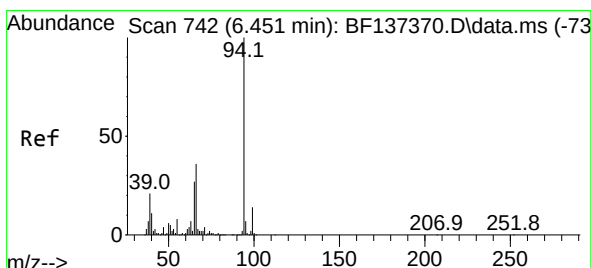
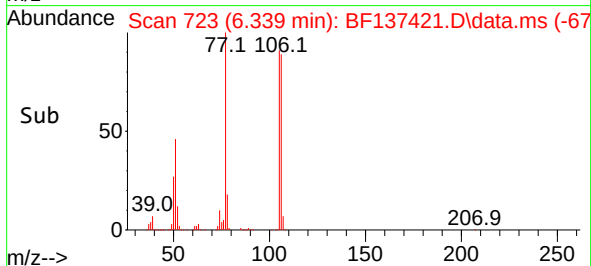
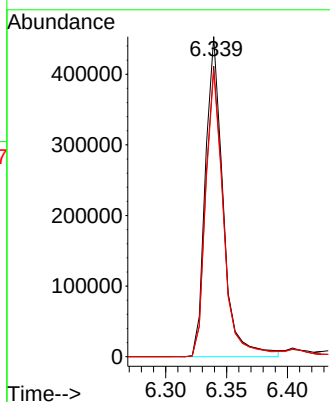


#9
Benzaldehyde
Concen: 44.093 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :
BNA_F
ClientSampleId :

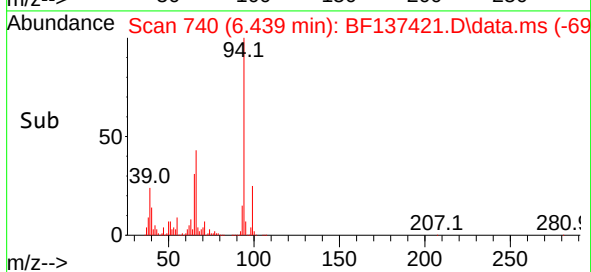
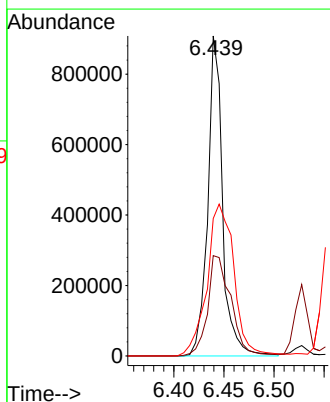
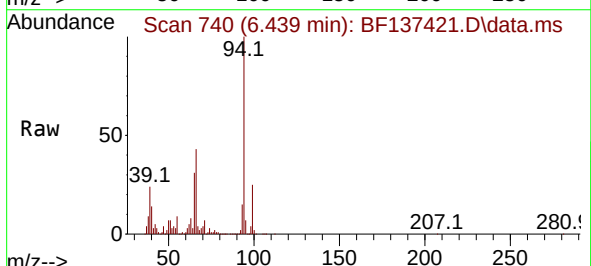


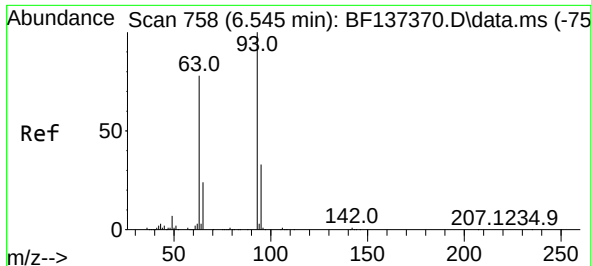
Tgt Ion: 77 Resp: 457587
Ion Ratio Lower Upper
77 100
105 90.7 74.1 114.1
106 89.4 70.2 110.2



#10
Phenol
Concen: 39.724 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion: 94 Resp: 937121
Ion Ratio Lower Upper
94 100
65 31.3 7.4 47.4
66 42.9 15.6 55.6





#11

bis(2-Chloroethyl)ether

Concen: 41.578 ng

RT: 6.528 min Scan# 712

Delta R.T. -0.018 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

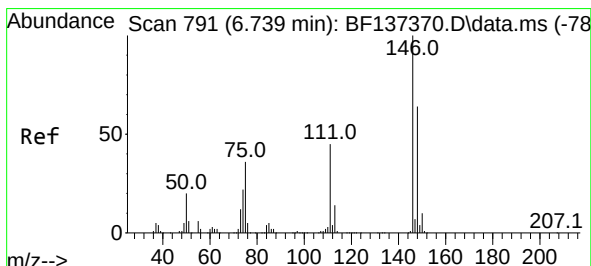
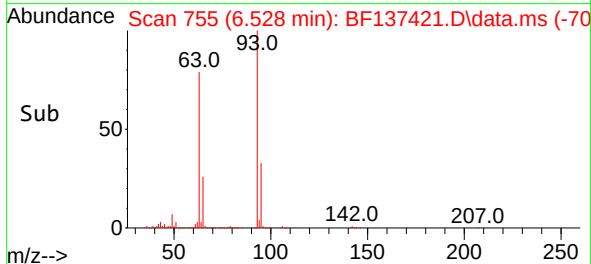
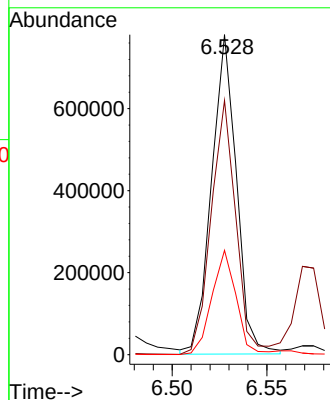
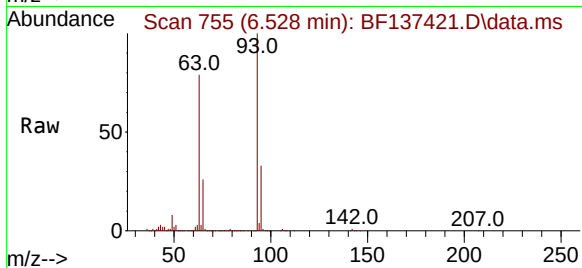
Tgt Ion: 93 Resp: 712734

Ion Ratio Lower Upper

93 100

63 79.4 56.1 96.1

95 32.6 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.342 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

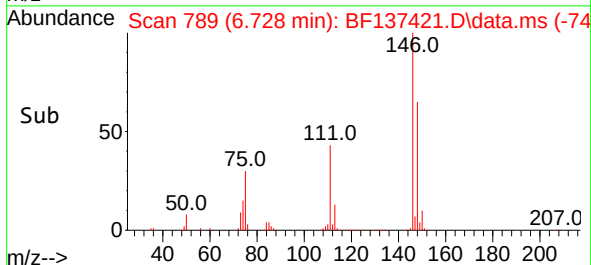
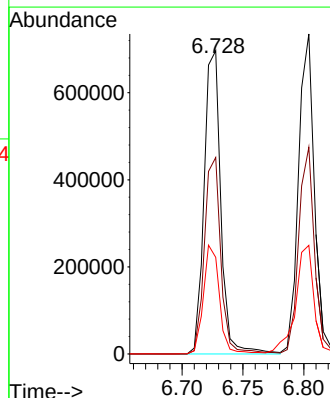
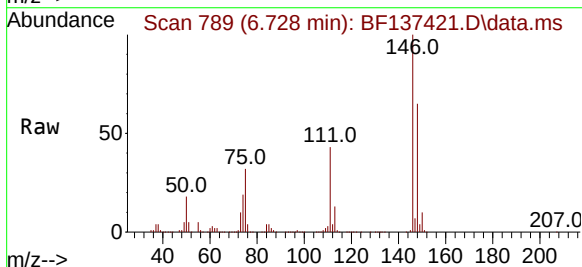
Tgt Ion:146 Resp: 664011

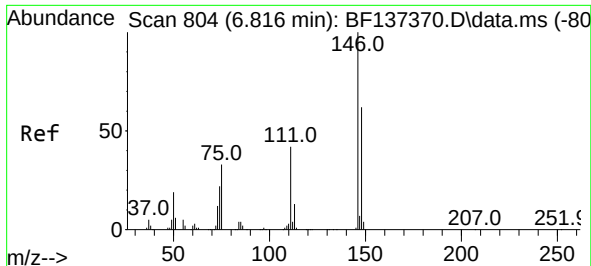
Ion Ratio Lower Upper

146 100

148 64.8 50.9 76.3

75 31.9 28.5 42.7

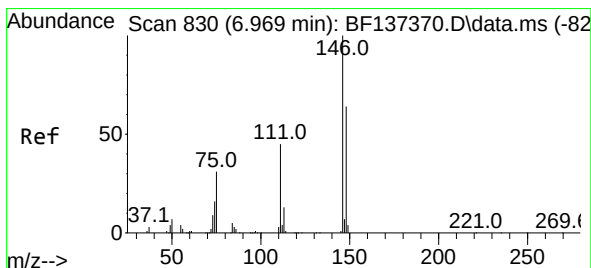
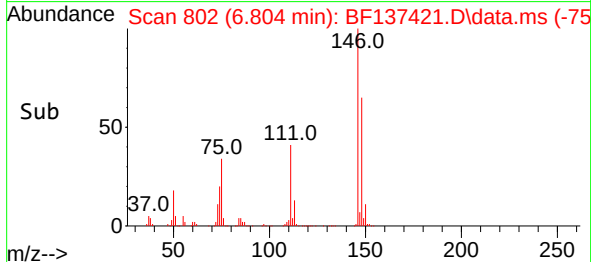
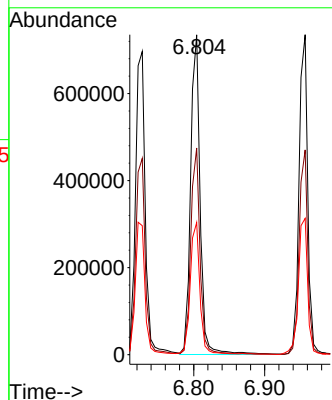
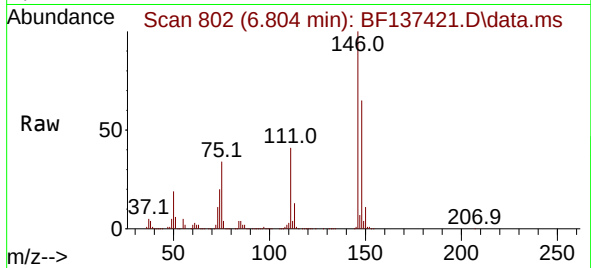




#13
1,4-Dichlorobenzene
Concen: 39.555 ng
RT: 6.804 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

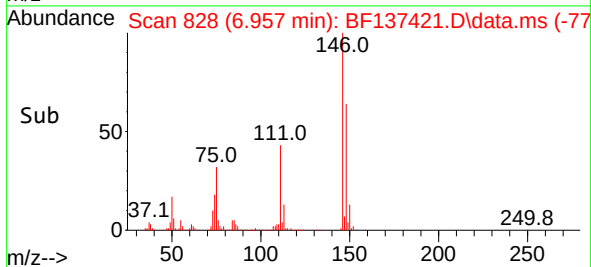
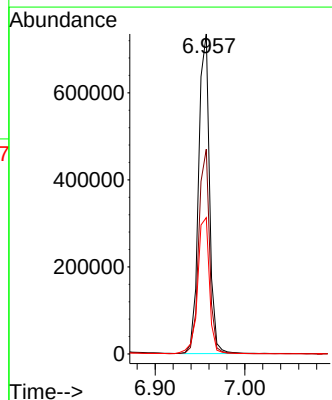
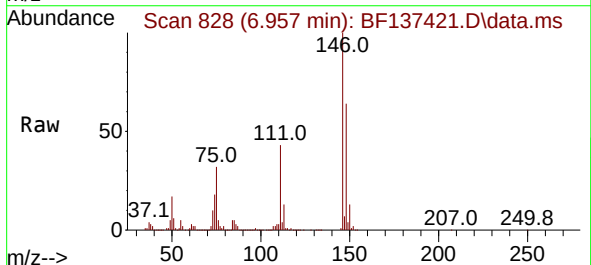
Instrument :
BNA_F
ClientSampleId :

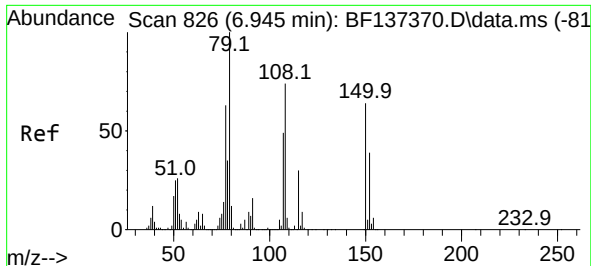
Tgt Ion:146 Resp: 687343
Ion Ratio Lower Upper
146 100
148 64.6 49.9 74.9
111 41.3 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 38.630 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

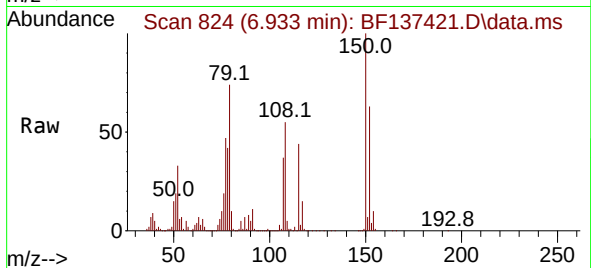
Tgt Ion:146 Resp: 620919
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
111 42.6 36.6 54.8



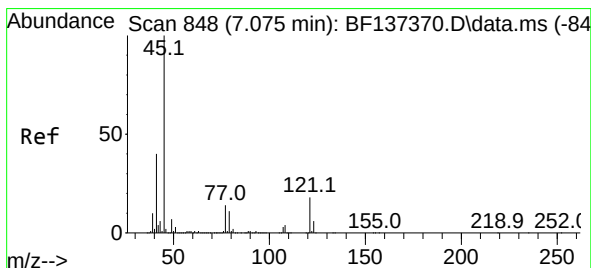
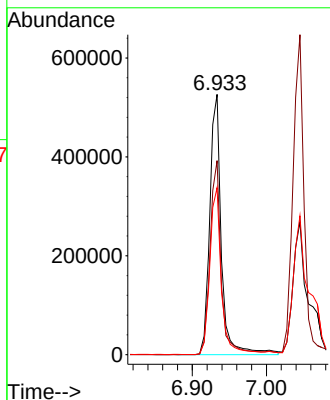
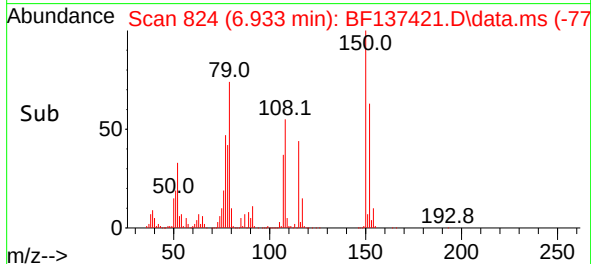


#15
Benzyl Alcohol
Concen: 44.535 ng
RT: 6.933 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :
BNA_F
ClientSampleId :

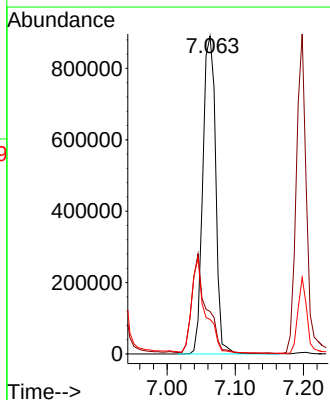
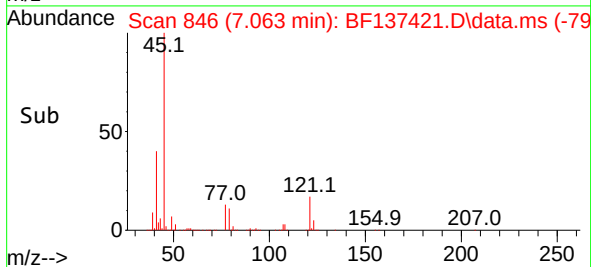
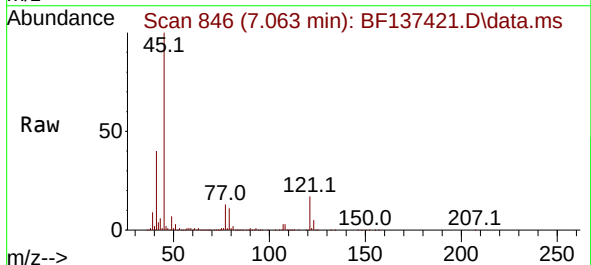


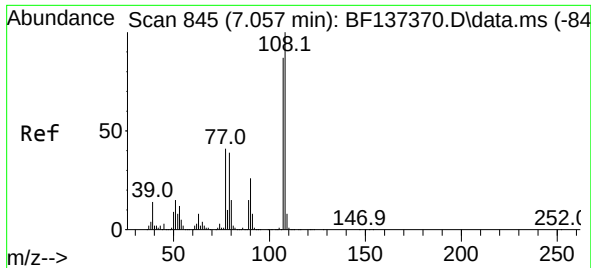
Tgt Ion: 79 Resp: 572232
Ion Ratio Lower Upper
79 100
108 74.6 59.5 89.3
77 64.2 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.820 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

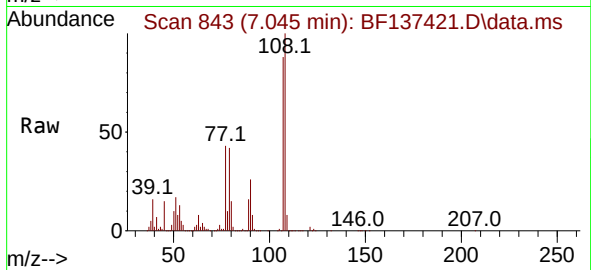
Tgt Ion: 45 Resp: 1163073
Ion Ratio Lower Upper
45 100
77 13.3 0.0 34.6
79 10.9 0.0 31.6



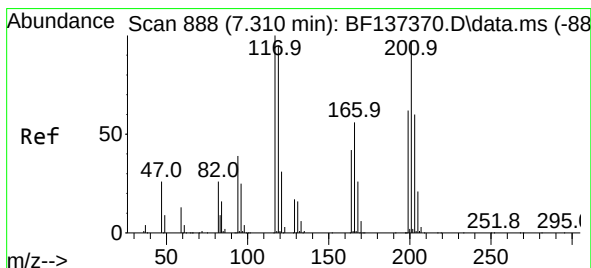
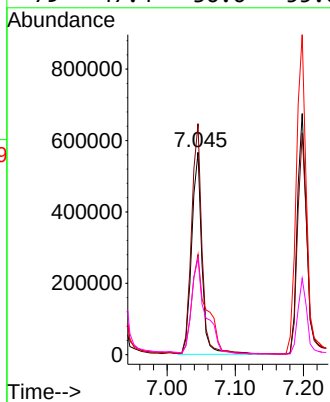
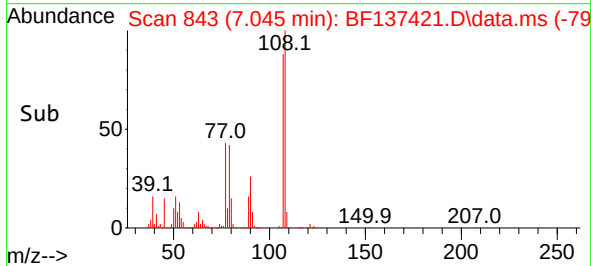


#17
2-Methylphenol
Concen: 39.815 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

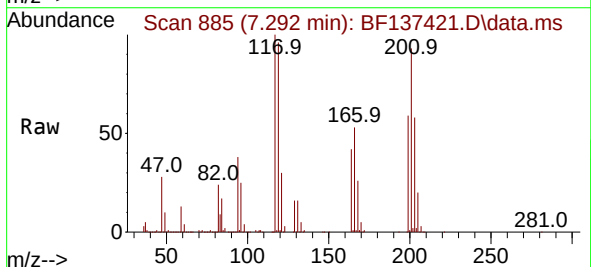
Instrument :
BNA_F
ClientSampleId :



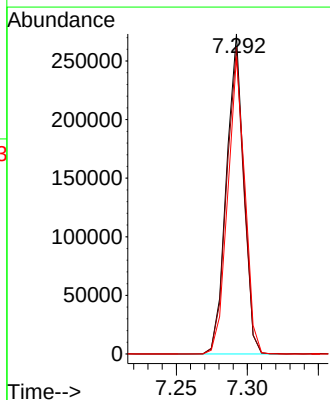
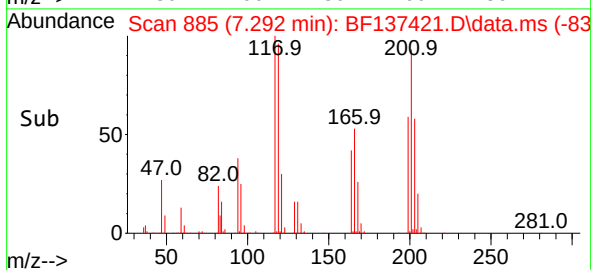
Tgt Ion:	107	Resp:	592074
Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.2	138.4
77	49.5	38.1	57.1
79	47.4	36.6	55.0

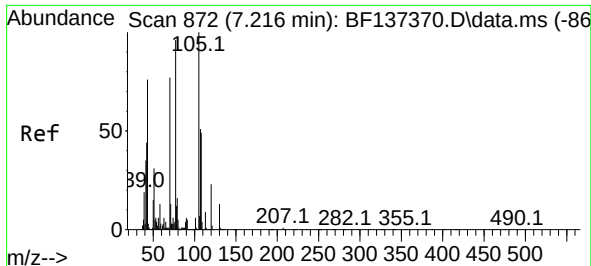


#18
Hexachloroethane
Concen: 38.587 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25



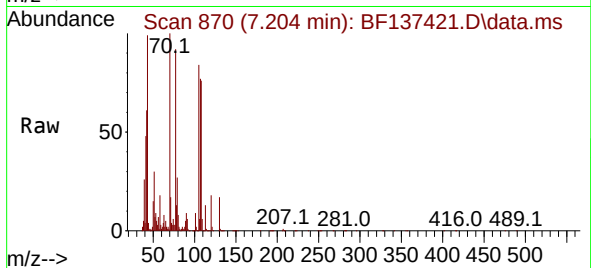
Tgt Ion:	117	Resp:	231057
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.2	114.4
201	92.9	77.6	116.4



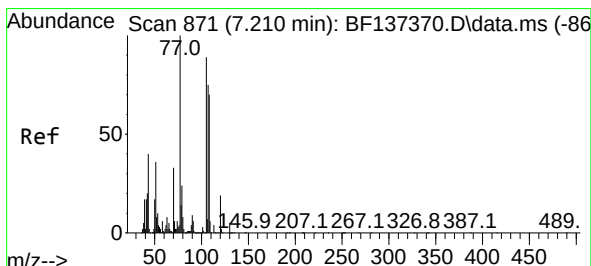
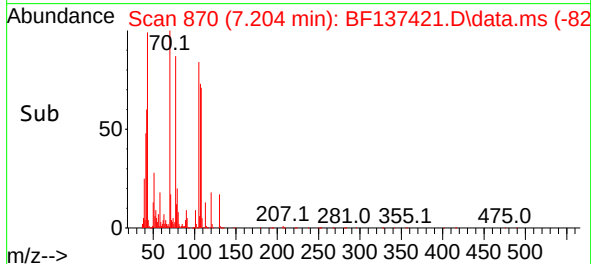
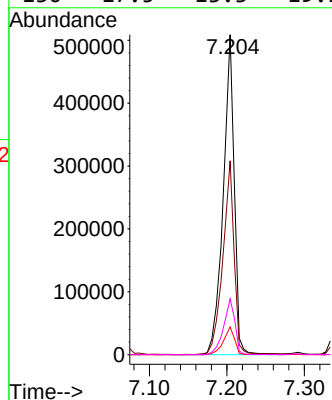


#19
n-Nitroso-di-n-propylamine
Concen: 38.104 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :
BNA_F
ClientSampleId :

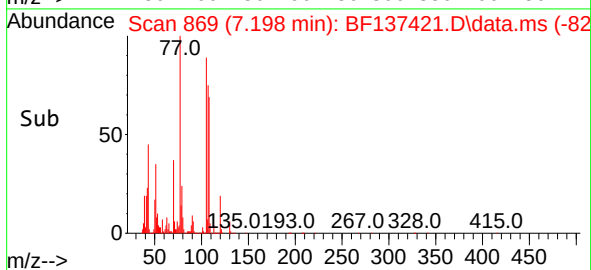
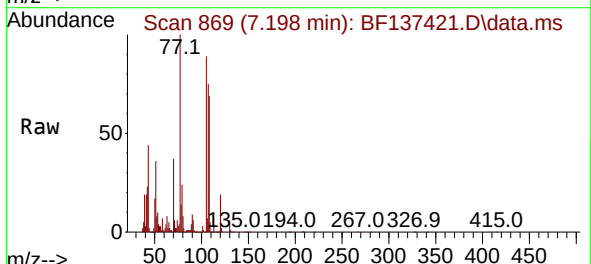
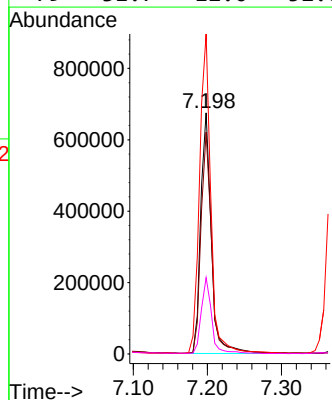


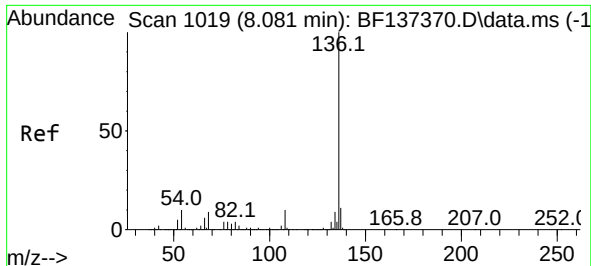
Tgt Ion: 70 Resp: 506131
Ion Ratio Lower Upper
70 100
42 60.6 45.3 67.9
101 8.7 6.5 9.7
130 17.5 13.3 19.9



#20
3+4-Methylphenols
Concen: 39.629 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

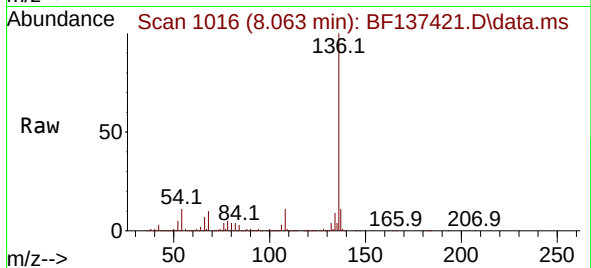
Tgt Ion: 107 Resp: 671685
Ion Ratio Lower Upper
107 100
108 92.0 73.1 113.1
77 132.8 113.6 153.6
79 31.7 12.0 52.0



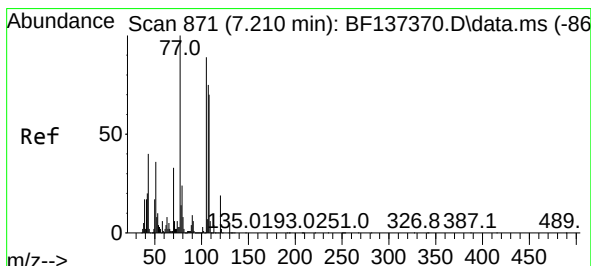
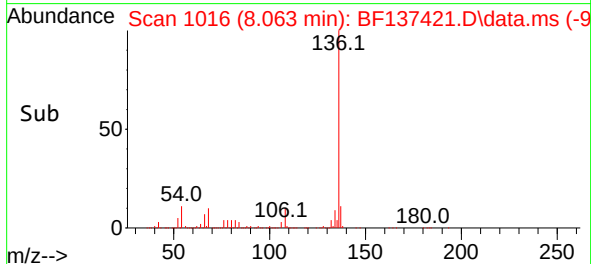
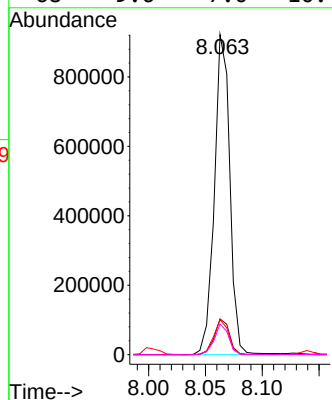


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :
BNA_F
ClientSampleId :

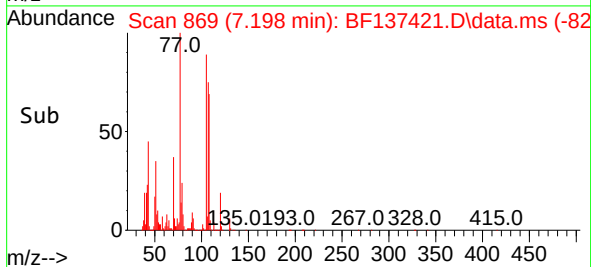
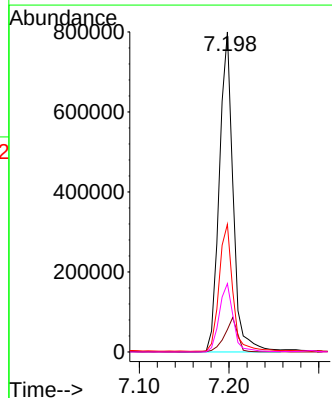
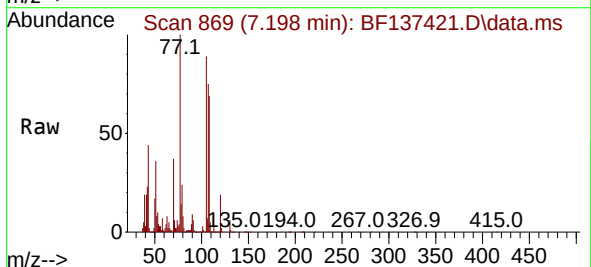


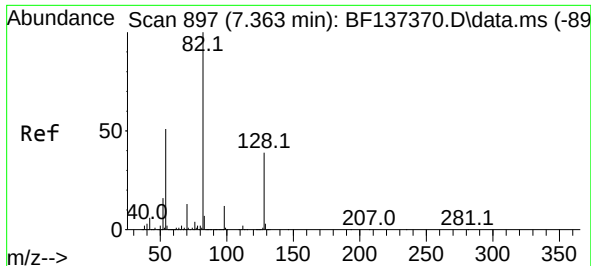
Tgt Ion:	136	Resp:	871585
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	10.9	7.8	11.6
68	9.6	7.0	10.4



#22
Acetophenone
Concen: 40.321 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:	105	Resp:	852183
Ion Ratio	Lower	Upper	
105	100		
71	7.0	5.0	7.6
51	39.9	32.2	48.4
120	21.4	17.0	25.4





#23

Nitrobenzene-d5

Concen: 87.561 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

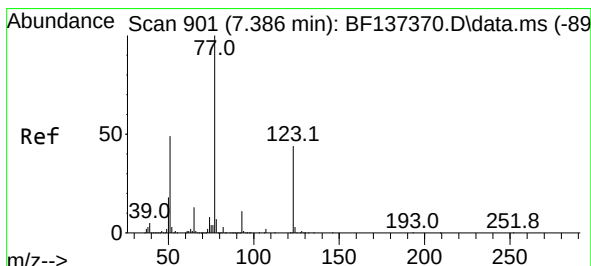
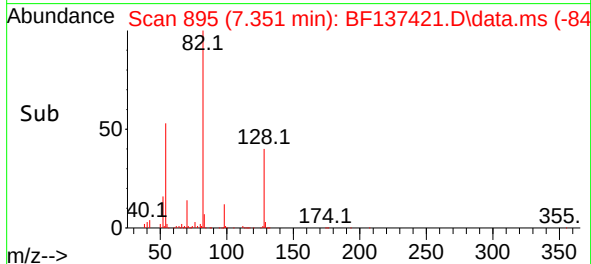
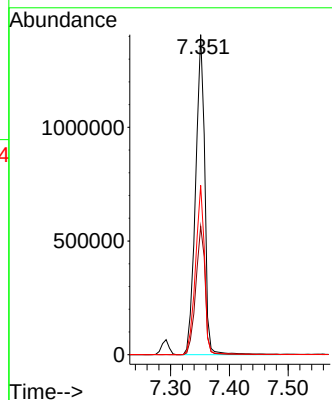
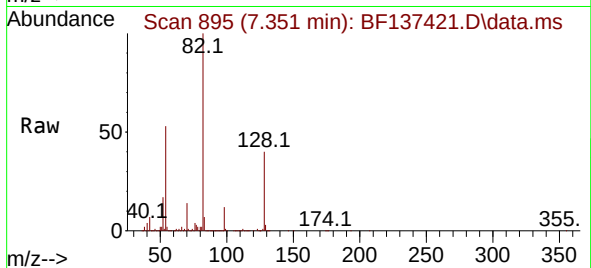
Tgt Ion: 82 Resp: 1528642

Ion Ratio Lower Upper

82 100

128 40.1 30.8 46.2

54 52.9 40.8 61.2



#24

Nitrobenzene

Concen: 44.107 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

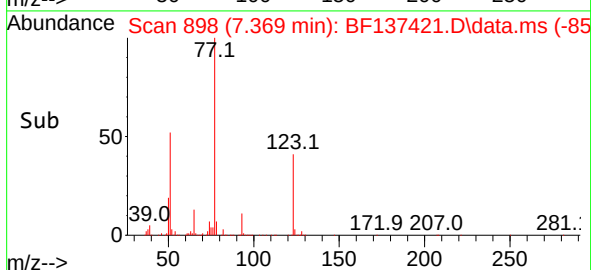
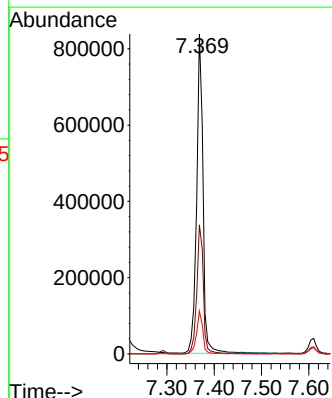
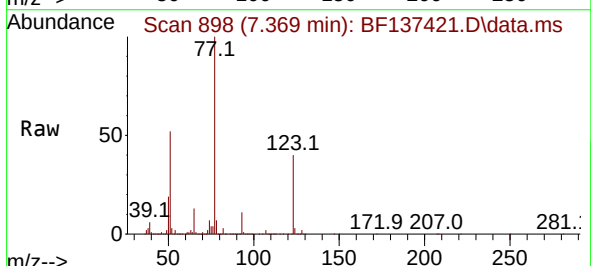
Tgt Ion: 77 Resp: 782431

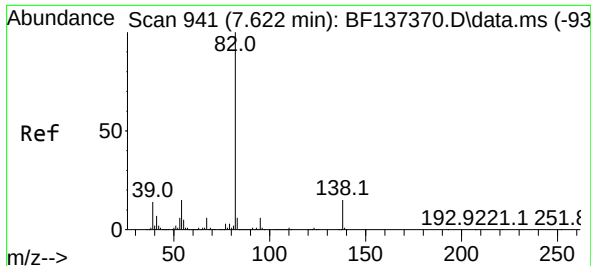
Ion Ratio Lower Upper

77 100

123 40.3 35.4 53.0

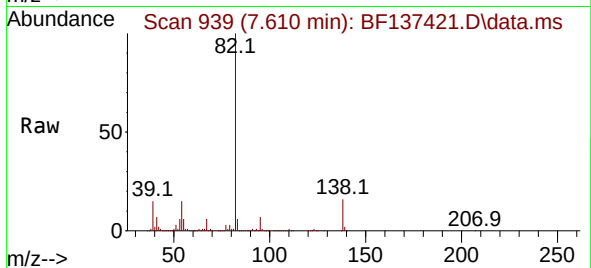
65 13.4 10.3 15.5



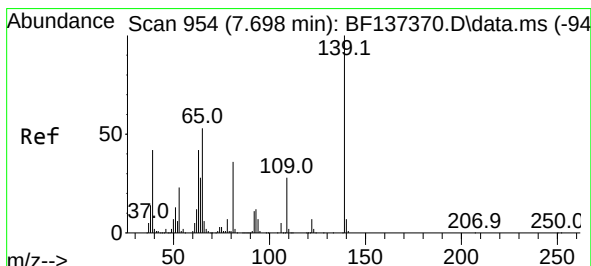
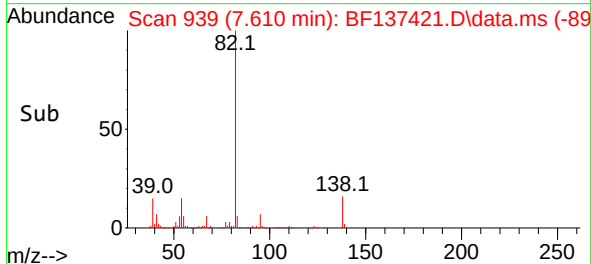
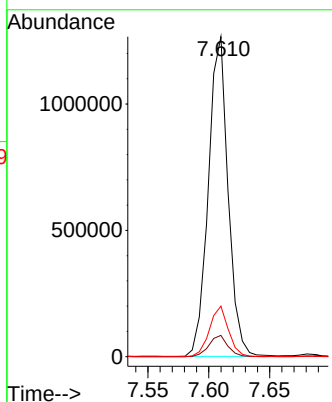


#25
Isophorone
Concen: 39.598 ng
RT: 7.610 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :
BNA_F
ClientSampleId :

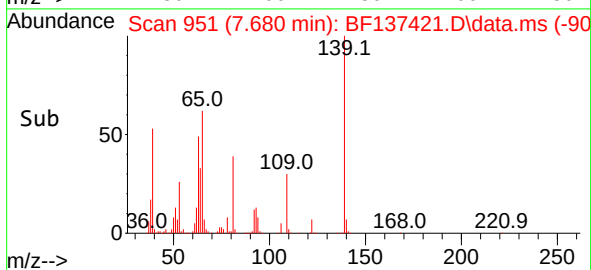
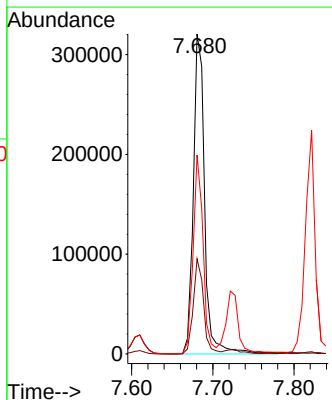
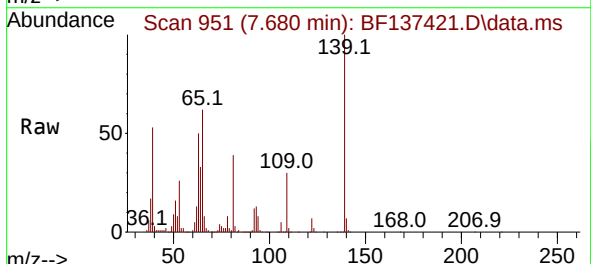


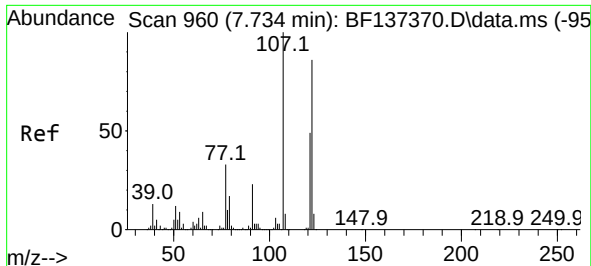
Tgt Ion: 82 Resp: 1429629
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 15.8 12.2 18.4



#26
2-Nitrophenol
Concen: 46.131 ng
RT: 7.680 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion: 139 Resp: 311882
Ion Ratio Lower Upper
139 100
109 29.7 22.5 33.7
65 62.2 42.3 63.5

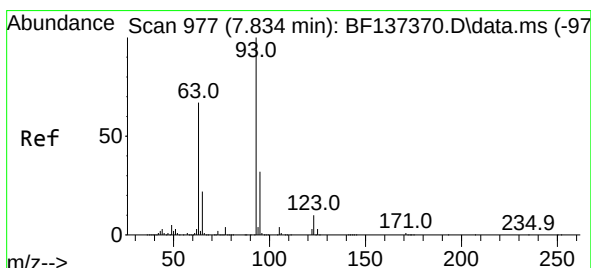
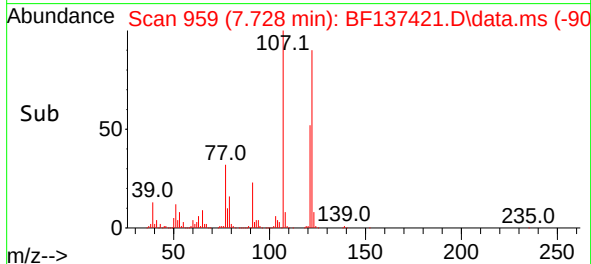
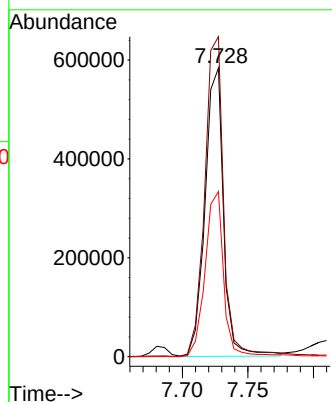
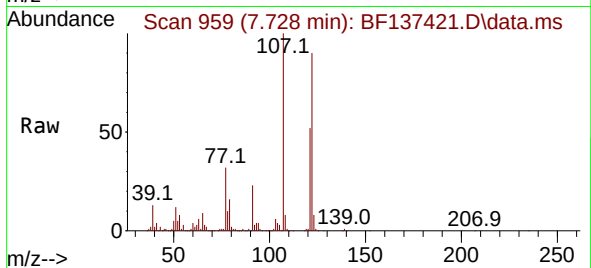




#27
2,4-Dimethylphenol
Concen: 43.314 ng
RT: 7.728 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

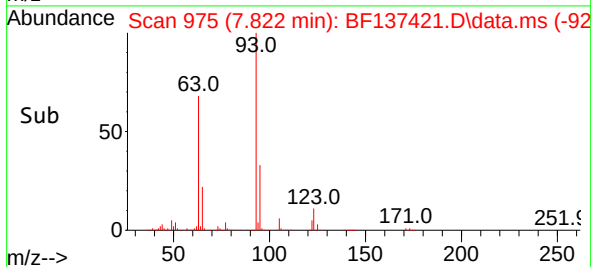
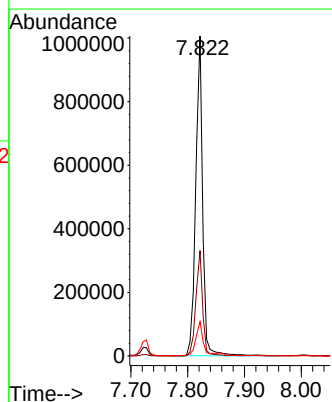
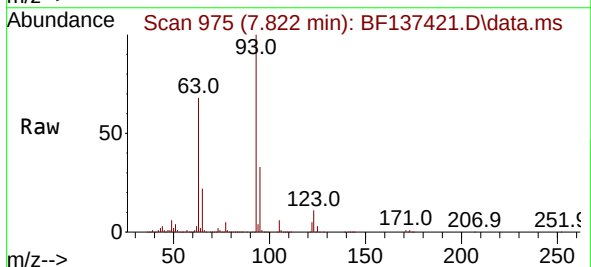
Instrument :
BNA_F
ClientSampleId :

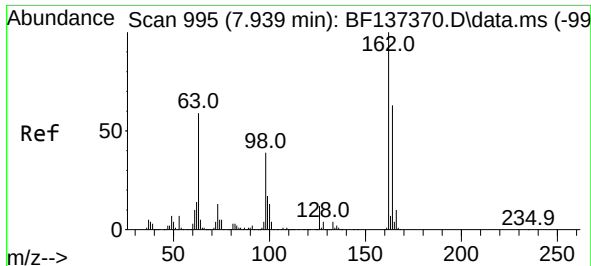
Tgt Ion:122 Resp: 575111
Ion Ratio Lower Upper
122 100
107 110.8 92.7 139.1
121 57.2 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.298 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion: 93 Resp: 859394
Ion Ratio Lower Upper
93 100
95 33.0 25.9 38.9
123 10.7 8.2 12.4

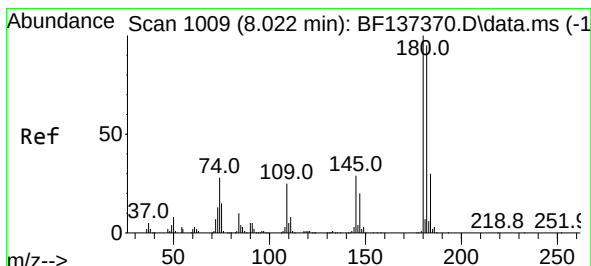
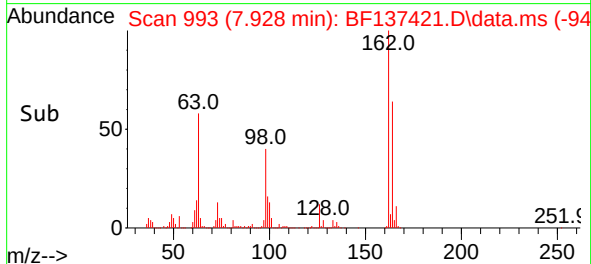
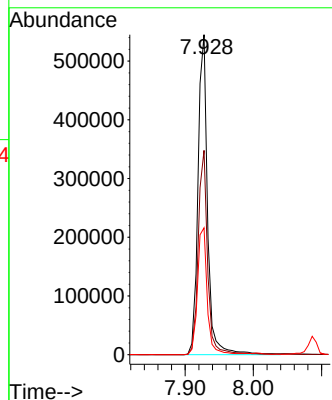
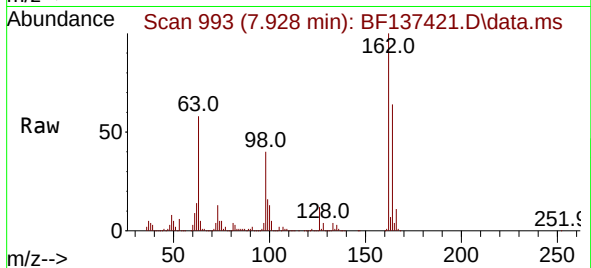




#29
2,4-Dichlorophenol
Concen: 42.840 ng
RT: 7.928 min Scan# 995
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

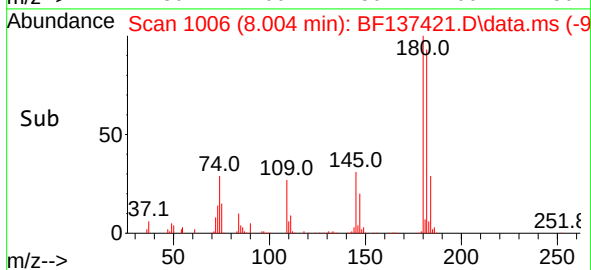
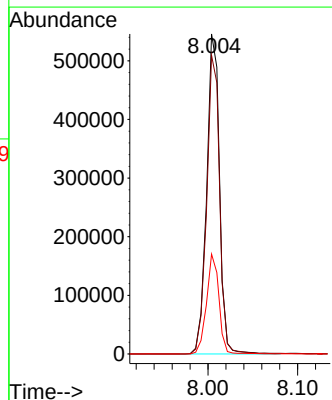
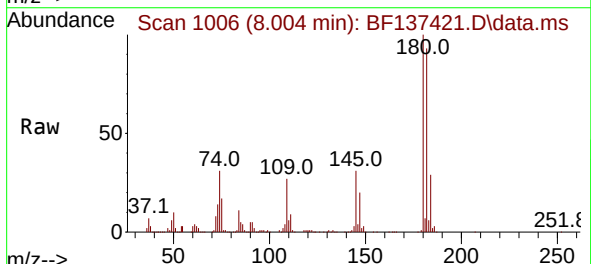
Instrument :
BNA_F
ClientSampleId :

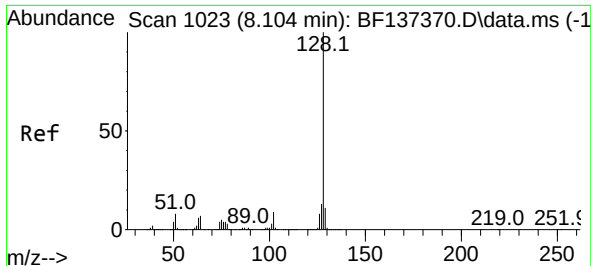
Tgt Ion:162 Resp: 533123
Ion Ratio Lower Upper
162 100
164 63.8 43.1 83.1
98 39.7 19.0 59.0



#30
1,2,4-Trichlorobenzene
Concen: 40.592 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:180 Resp: 542201
Ion Ratio Lower Upper
180 100
182 93.3 75.8 113.6
145 31.2 23.4 35.0

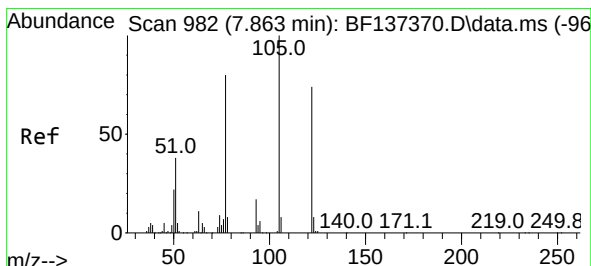
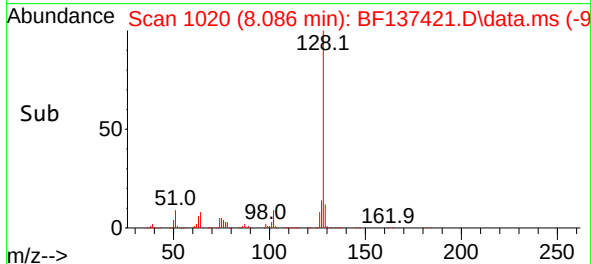
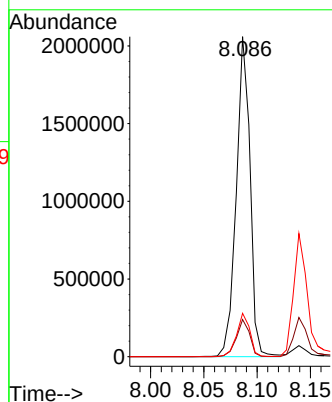
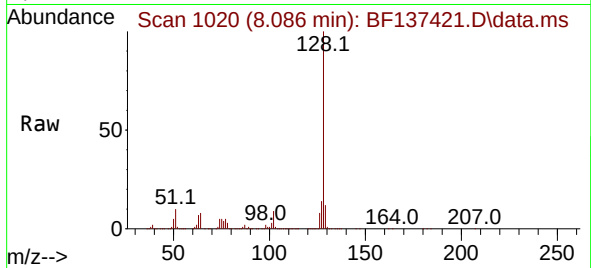




#31
Naphthalene
Concen: 39.722 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

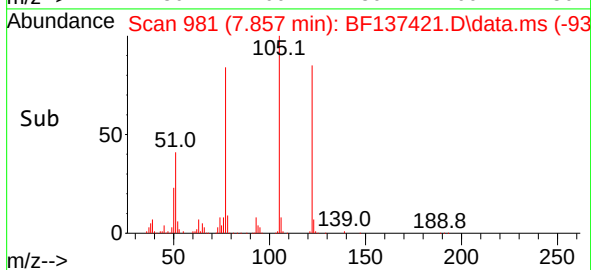
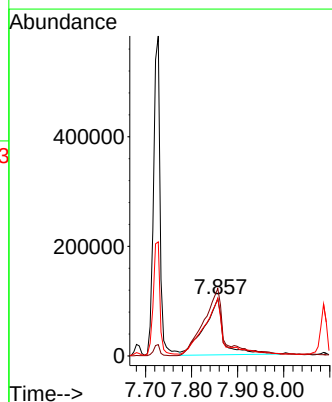
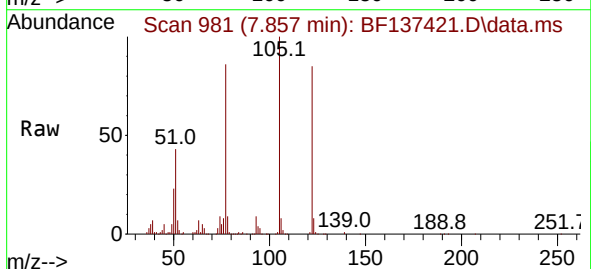
Instrument :
BNA_F
ClientSampleId :

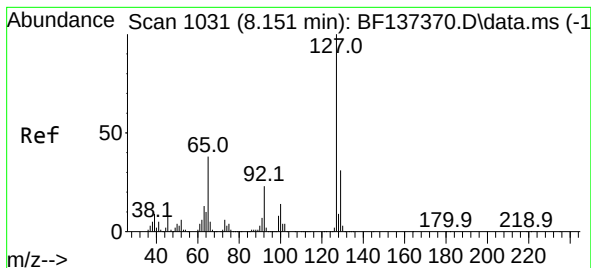
Tgt Ion:128 Resp: 1857955
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 38.661 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:122 Resp: 301261
Ion Ratio Lower Upper
122 100
105 118.3 101.1 141.1
77 101.2 82.8 122.8





#33

4-Chloroaniline

Concen: 43.616 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 775913

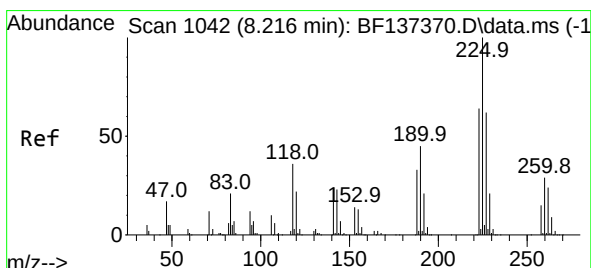
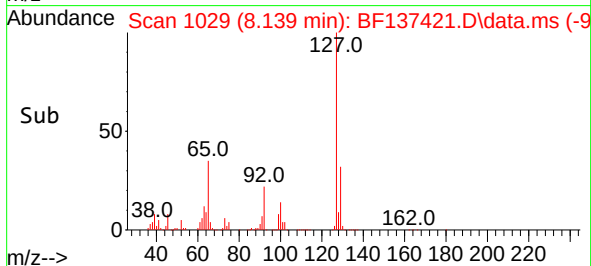
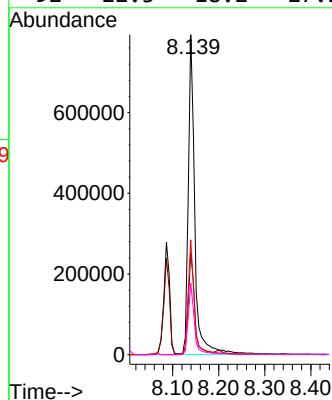
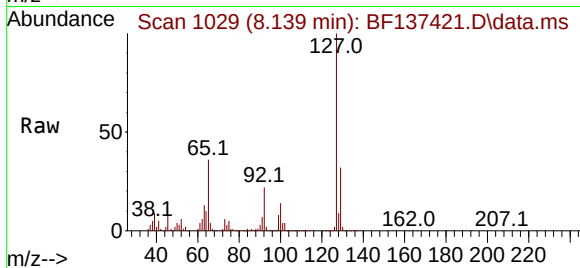
Ion Ratio Lower Upper

127 100

129 31.9 25.0 37.6

65 35.9 30.4 45.6

92 22.3 18.2 27.2



#34

Hexachlorobutadiene

Concen: 40.146 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

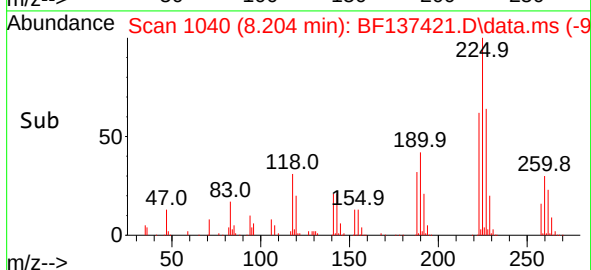
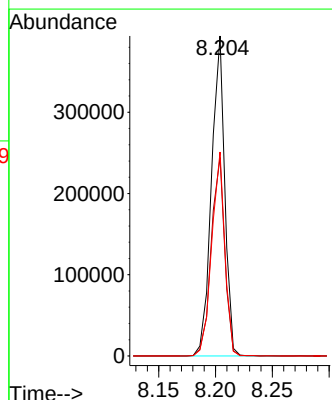
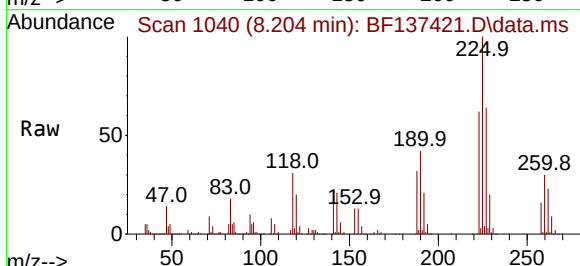
Tgt Ion:225 Resp: 318569

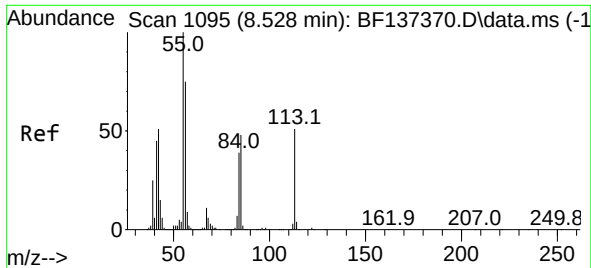
Ion Ratio Lower Upper

225 100

223 62.0 51.4 77.0

227 63.8 49.8 74.6

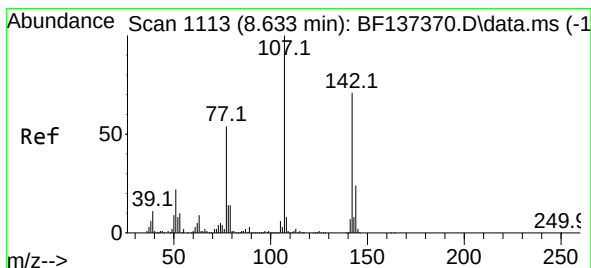
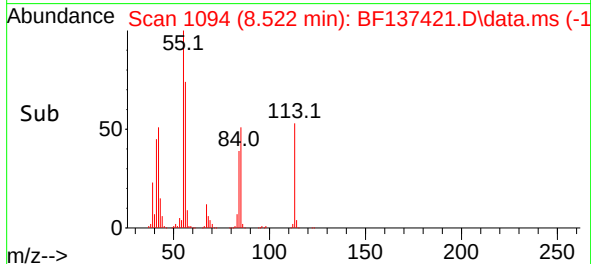
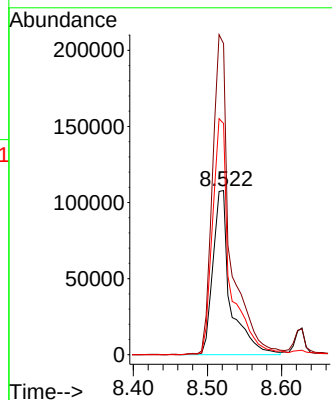
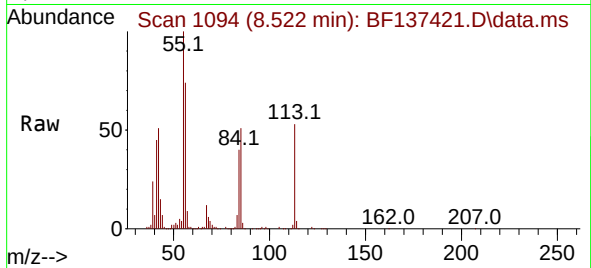




#35
Caprolactam
Concen: 46.117 ng
RT: 8.522 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

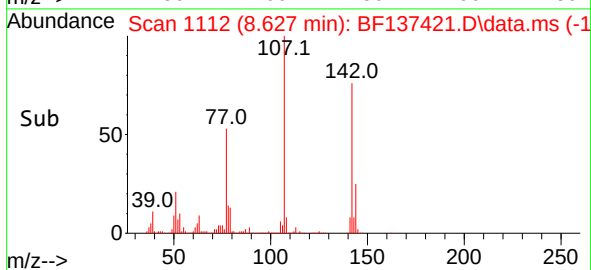
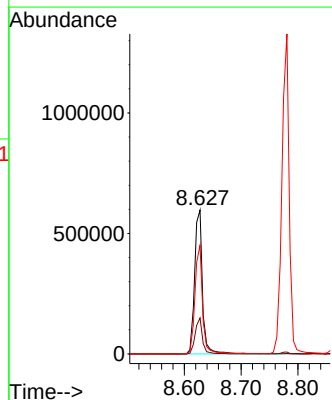
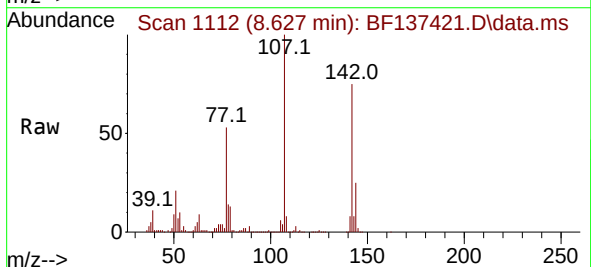
Instrument :
BNA_F
ClientSampleId :

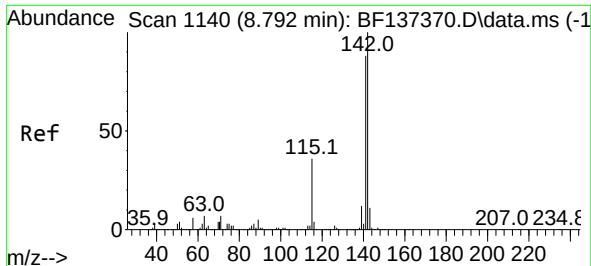
Tgt Ion:113 Resp: 177478
Ion Ratio Lower Upper
113 100
55 189.5 176.3 216.3
56 140.9 127.6 167.6



#36
4-Chloro-3-methylphenol
Concen: 41.258 ng
RT: 8.627 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:107 Resp: 582087
Ion Ratio Lower Upper
107 100
144 25.0 18.9 28.3
142 75.5 56.6 85.0





#37

2-Methylnaphthalene

Concen: 39.455 ng

RT: 8.780 min Scan# 1140

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

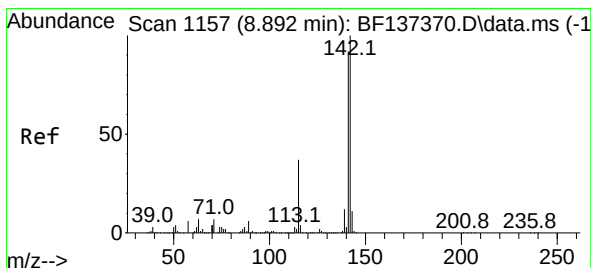
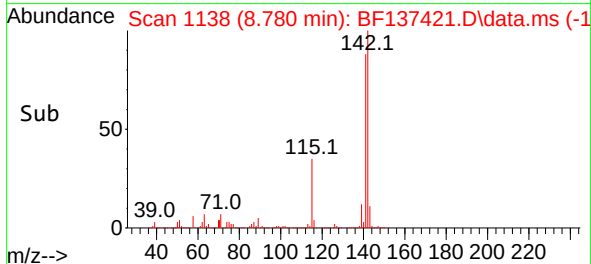
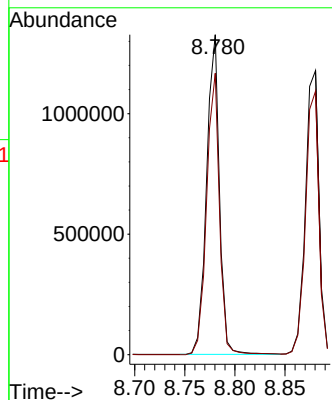
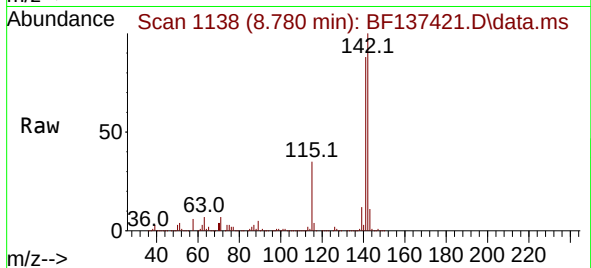
ClientSampleId :

Tgt Ion:142 Resp: 1189153

Ion Ratio Lower Upper

142 100

141 88.0 70.3 105.5



#38

1-Methylnaphthalene

Concen: 38.773 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF137421.D

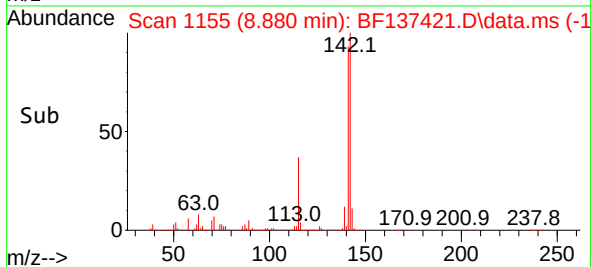
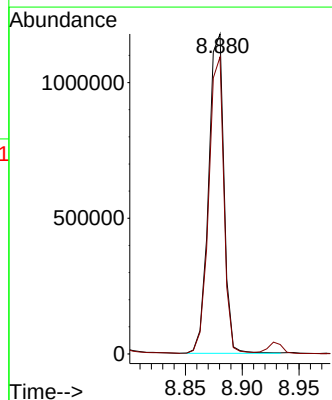
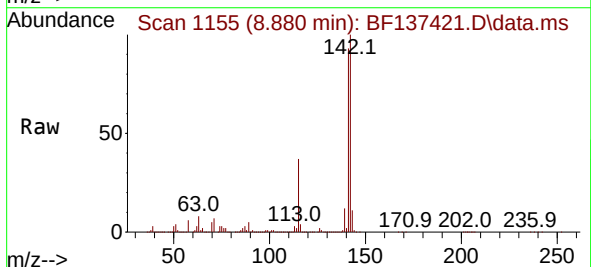
Acq: 28 Feb 2024 14:25

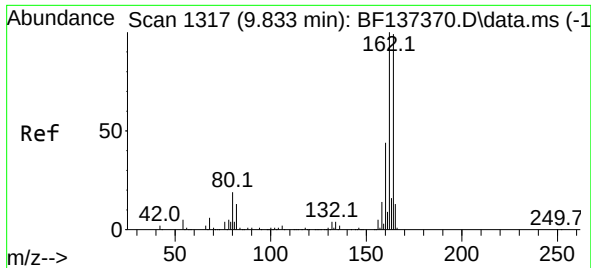
Tgt Ion:142 Resp: 1104866

Ion Ratio Lower Upper

142 100

141 92.8 73.2 109.8

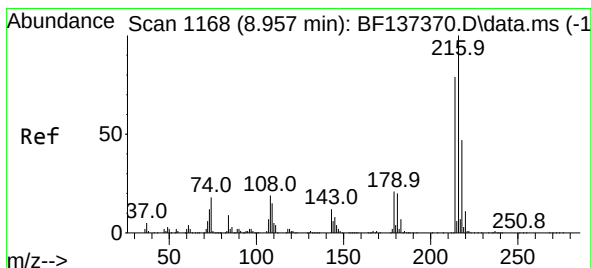
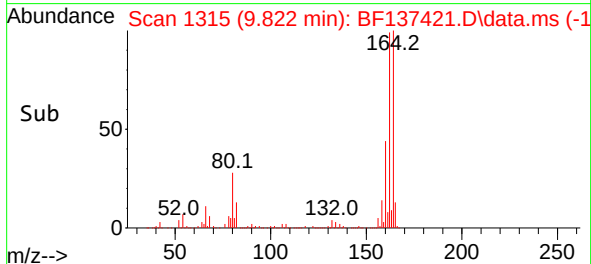
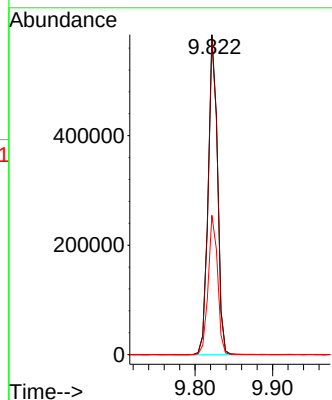
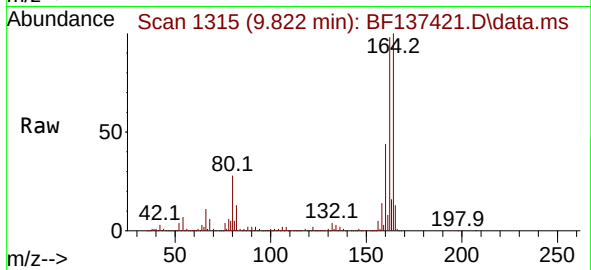




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1115
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

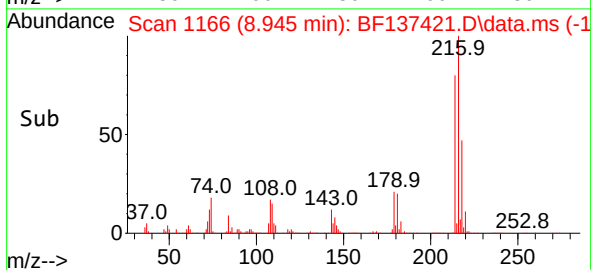
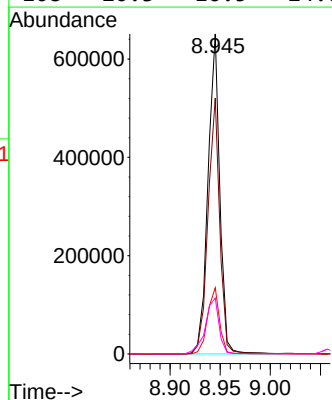
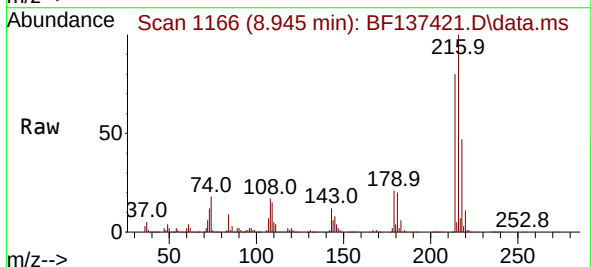
Instrument :
BNA_F
ClientSampleId :

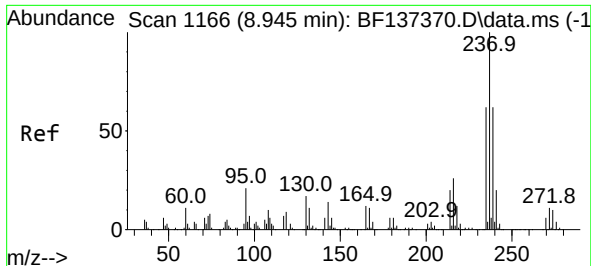
Tgt Ion:164 Resp: 489027
Ion Ratio Lower Upper
164 100
162 98.3 81.2 121.8
160 43.6 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.818 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:216 Resp: 536312
Ion Ratio Lower Upper
216 100
214 79.8 62.3 93.5
179 21.1 16.5 24.7
108 20.3 16.5 24.7

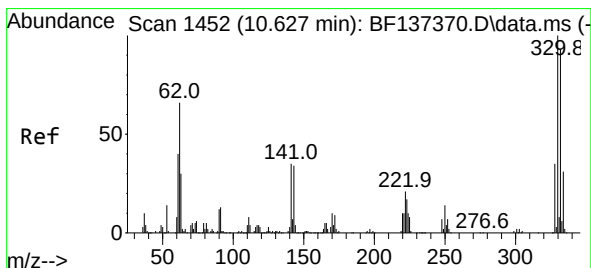
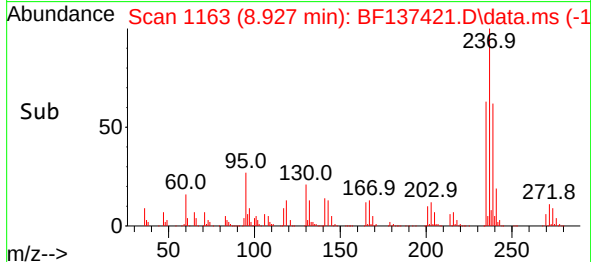
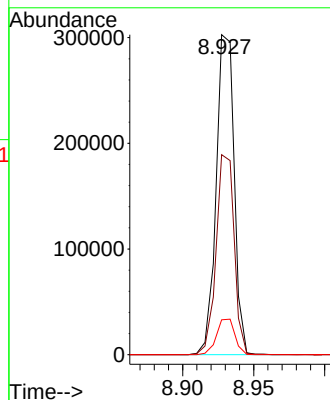
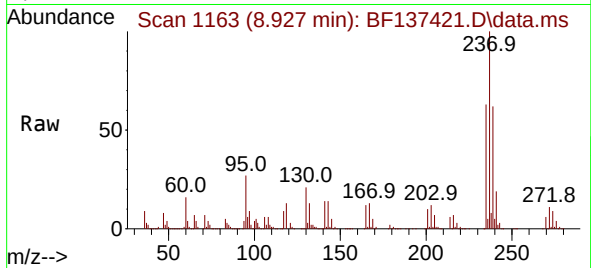




#41
Hexachlorocyclopentadiene
Concen: 43.663 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

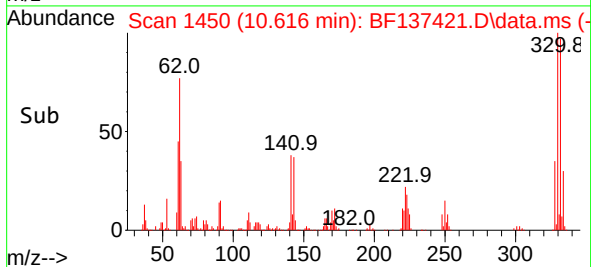
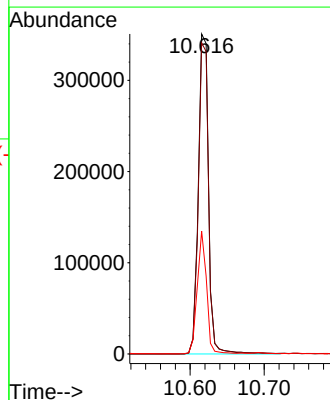
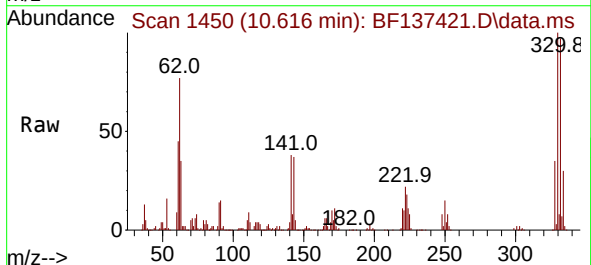
Instrument :
BNA_F
ClientSampleId :

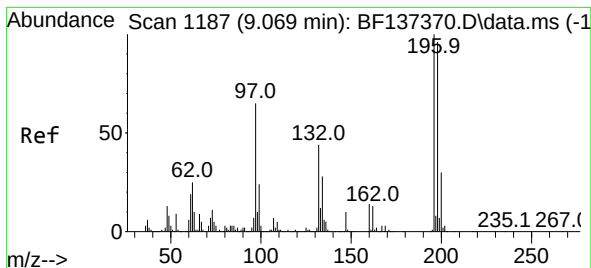
Tgt Ion:237 Resp: 266639
Ion Ratio Lower Upper
237 100
235 62.5 42.0 82.0
272 10.9 0.0 31.3



#42
2,4,6-Tribromophenol
Concen: 78.784 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:330 Resp: 335501
Ion Ratio Lower Upper
330 100
332 96.9 75.6 113.4
141 35.0 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 41.407 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

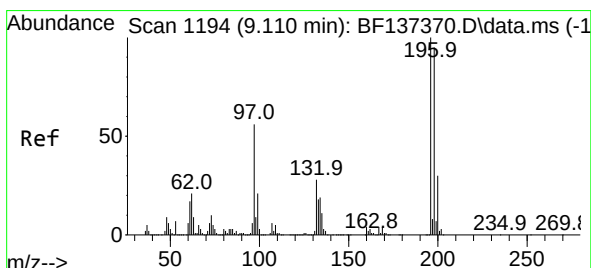
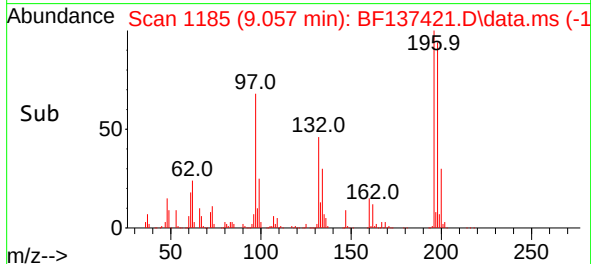
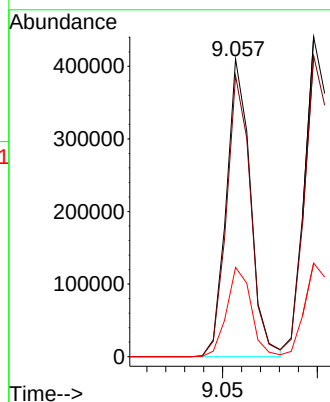
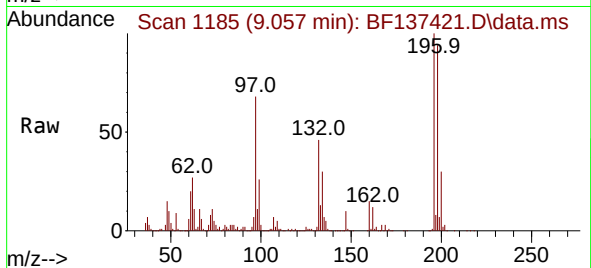
Tgt Ion:196 Resp: 361614

Ion Ratio Lower Upper

196 100

198 94.4 77.0 115.4

200 30.0 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 41.366 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Tgt Ion:196 Resp: 414455

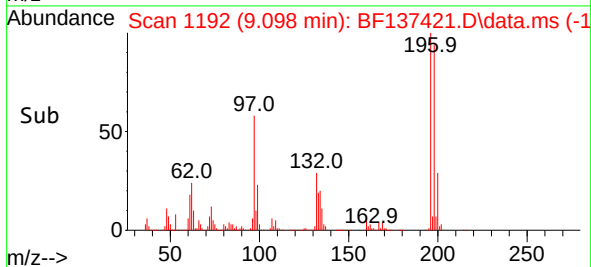
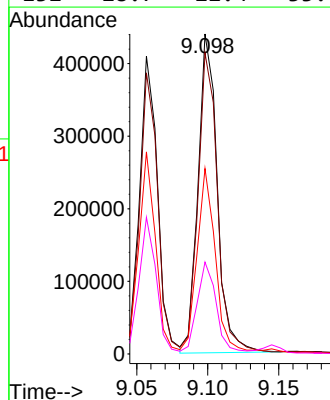
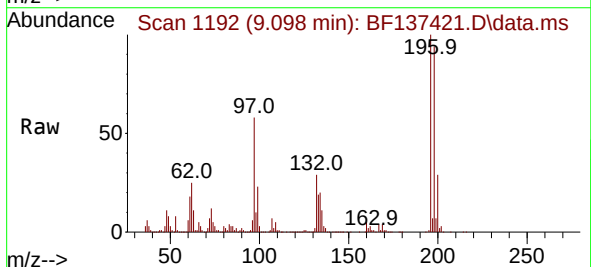
Ion Ratio Lower Upper

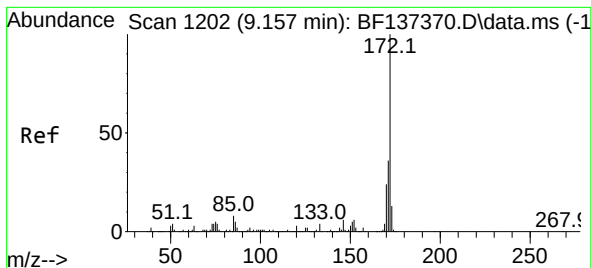
196 100

198 94.1 75.6 113.4

97 58.0 44.6 66.8

132 28.7 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 75.099 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

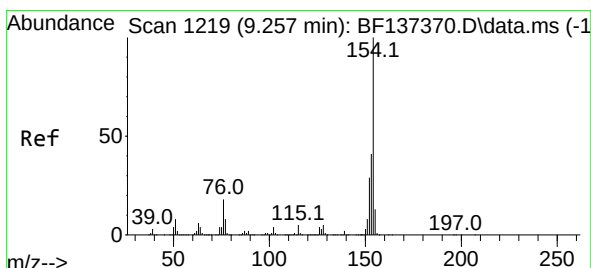
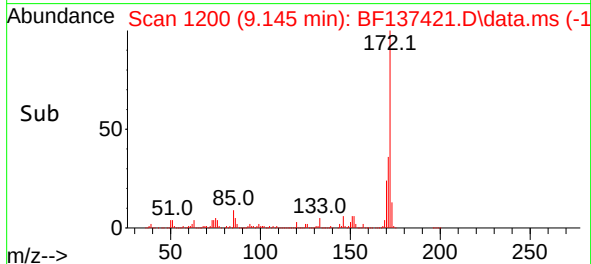
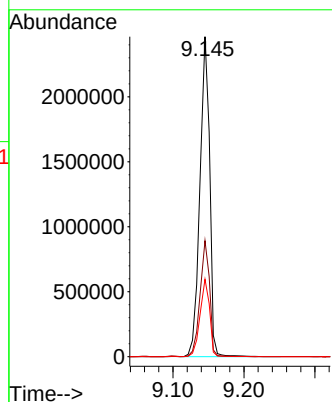
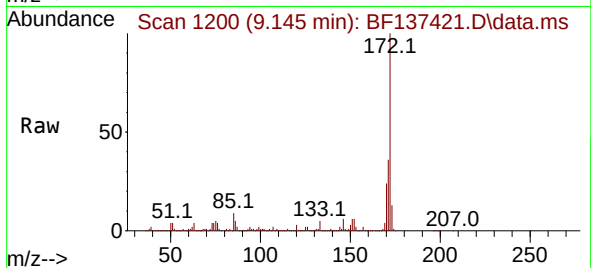
Tgt Ion:172 Resp: 2358952

Ion Ratio Lower Upper

172 100

171 36.3 28.7 43.1

170 24.2 19.5 29.3



#46

1,1'-Biphenyl

Concen: 39.485 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

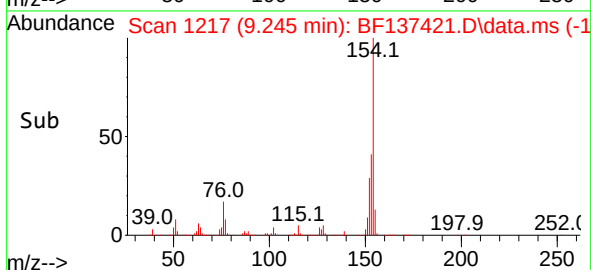
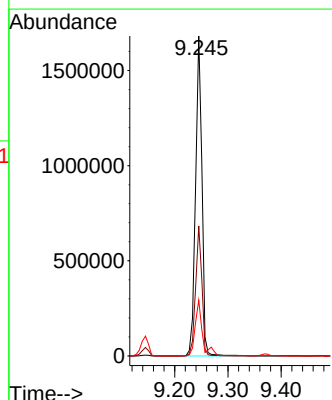
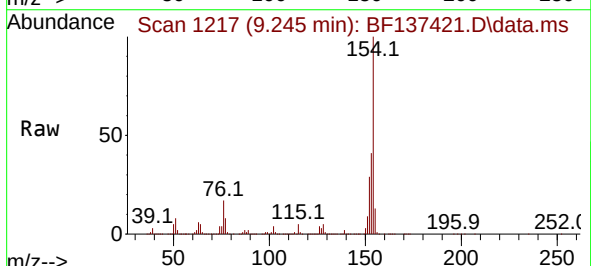
Tgt Ion:154 Resp: 1406348

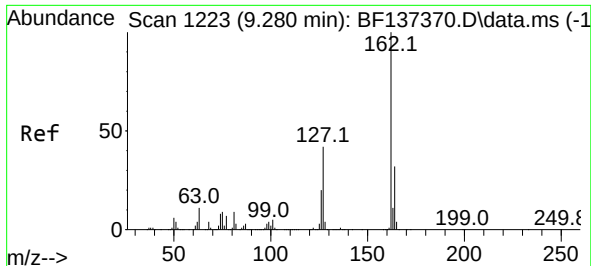
Ion Ratio Lower Upper

154 100

153 40.6 21.2 61.2

76 17.4 0.0 37.9





#47

2-Chloronaphthalene

Concen: 40.054 ng

RT: 9.269 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

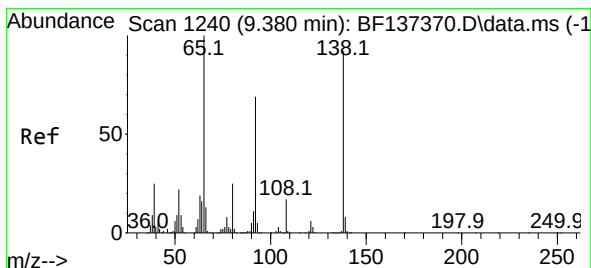
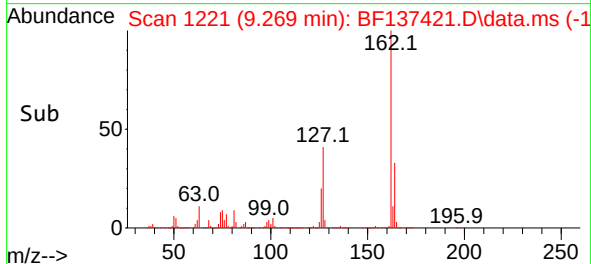
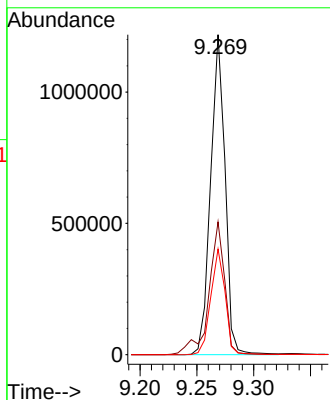
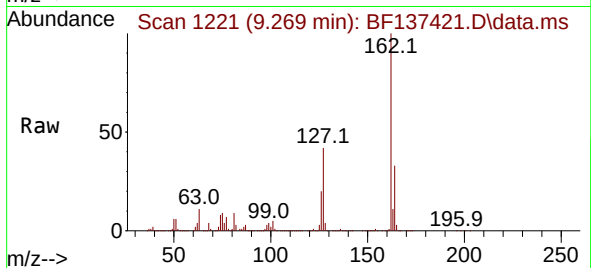
Tgt Ion:162 Resp: 1077378

Ion Ratio Lower Upper

162 100

127 41.5 33.6 50.4

164 33.0 25.9 38.9



#48

2-Nitroaniline

Concen: 46.936 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

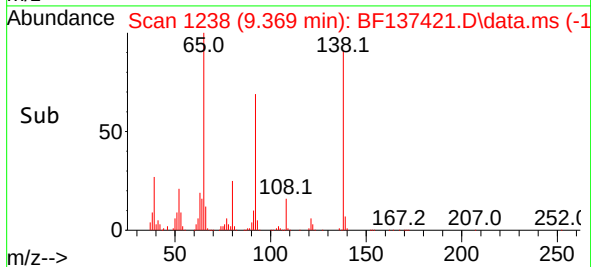
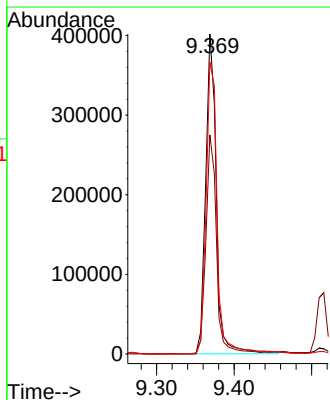
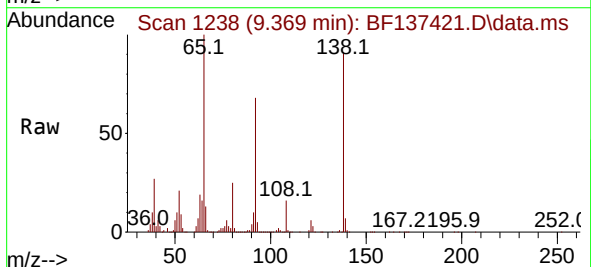
Tgt Ion: 65 Resp: 382599

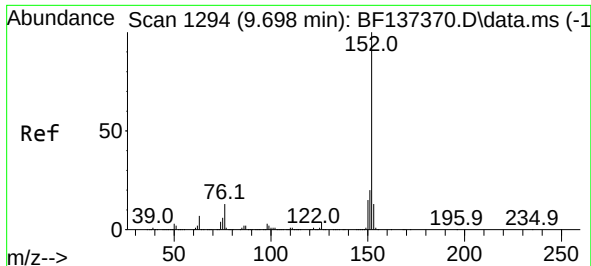
Ion Ratio Lower Upper

65 100

92 68.4 55.0 82.6

138 91.1 73.7 110.5





#49

Acenaphthylene

Concen: 38.922 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

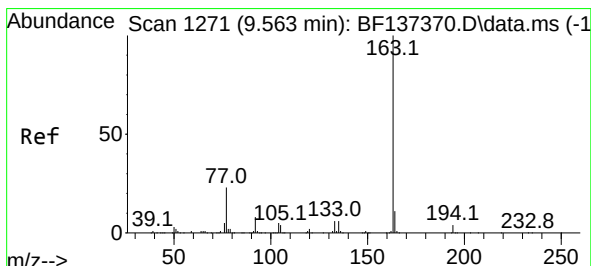
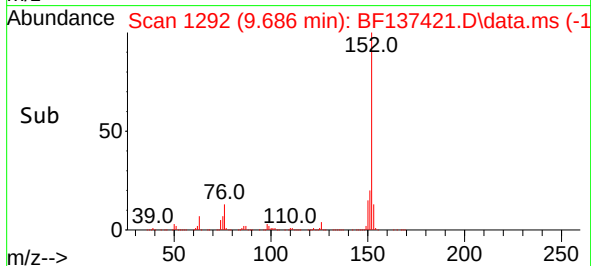
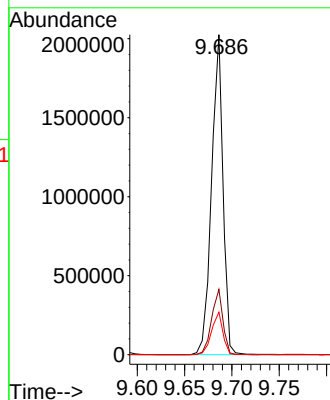
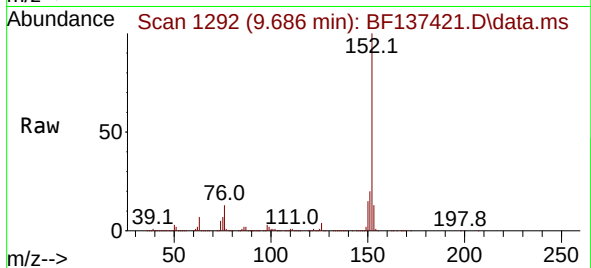
Tgt Ion:152 Resp: 1700969

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 39.663 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

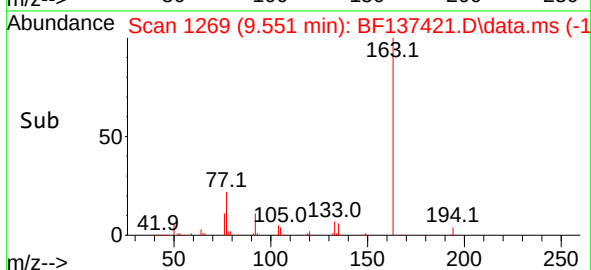
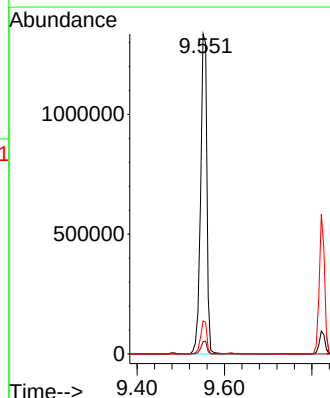
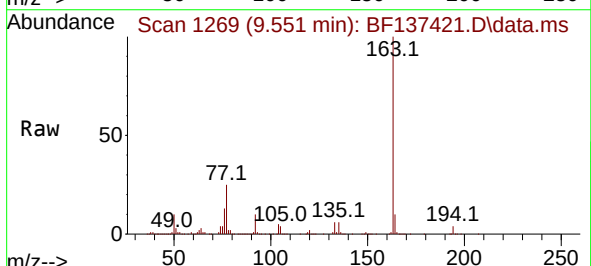
Tgt Ion:163 Resp: 1340278

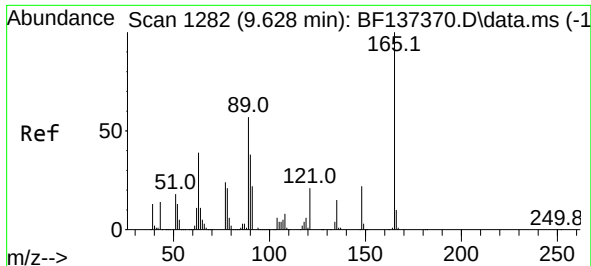
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

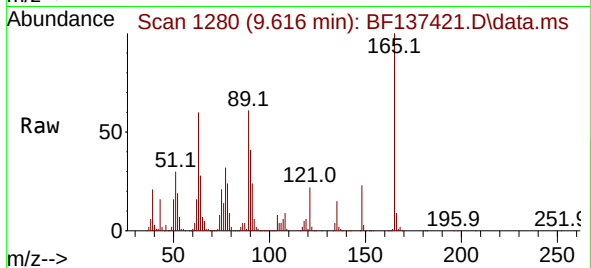
164 10.3 8.5 12.7



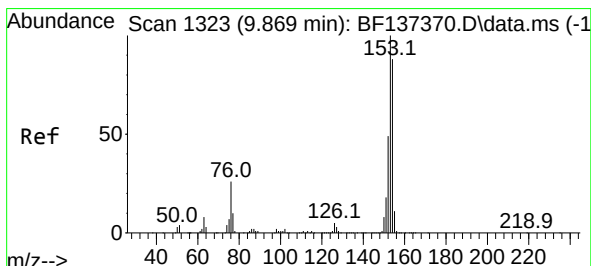
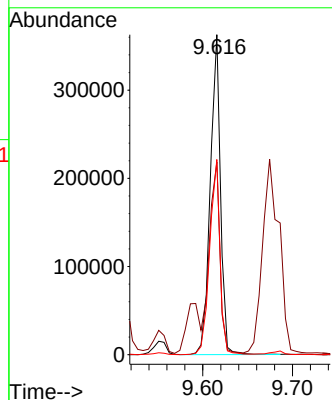
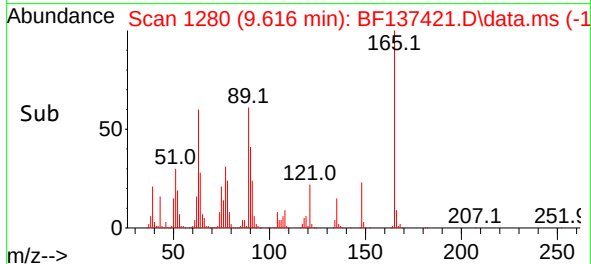


#51
2,6-Dinitrotoluene
Concen: 45.523 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :
BNA_F
ClientSampleId :

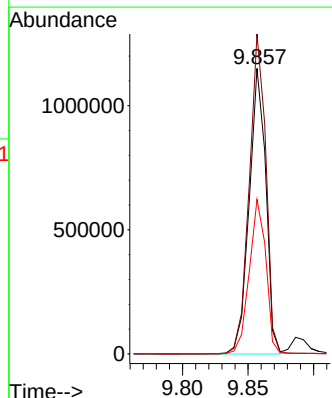
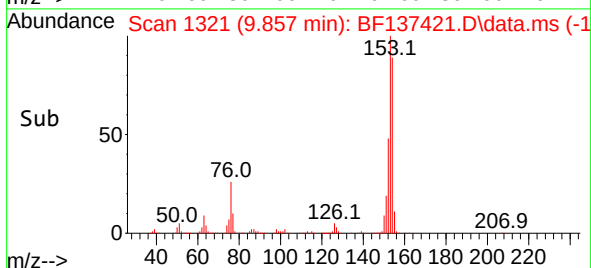
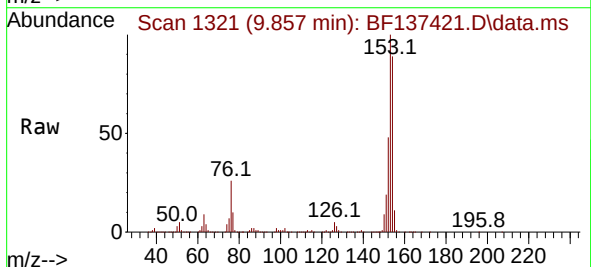


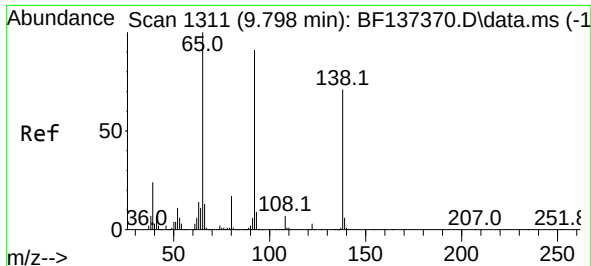
Tgt Ion:165 Resp: 286178
Ion Ratio Lower Upper
165 100
63 60.2 41.6 62.4
89 61.0 45.8 68.6



#52
Acenaphthene
Concen: 38.870 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:154 Resp: 1014002
Ion Ratio Lower Upper
154 100
153 112.1 90.6 135.8
152 54.1 44.1 66.1

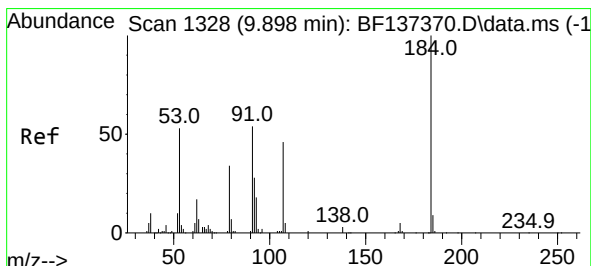
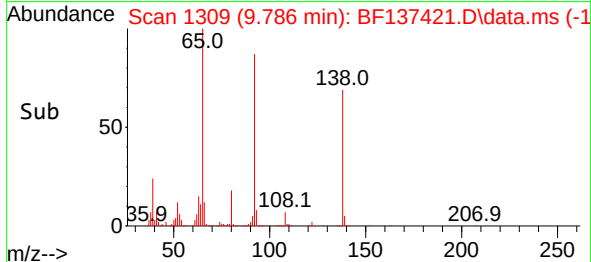
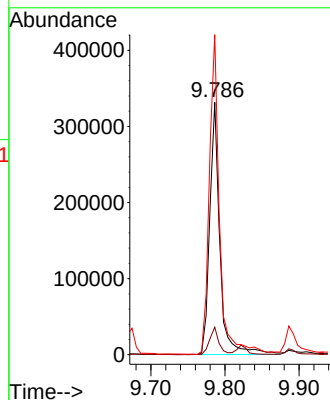
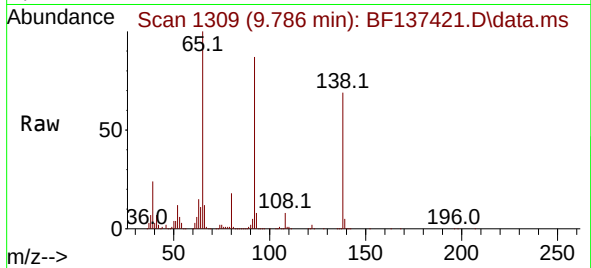




#53
3-Nitroaniline
Concen: 44.227 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

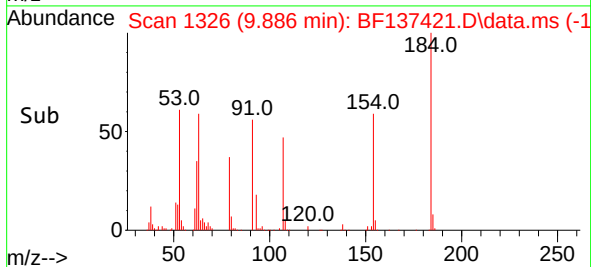
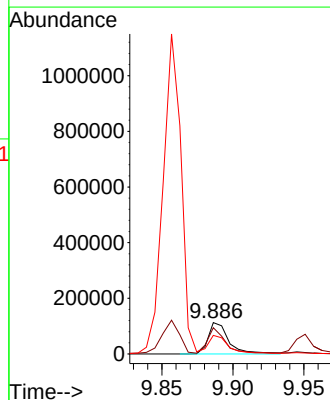
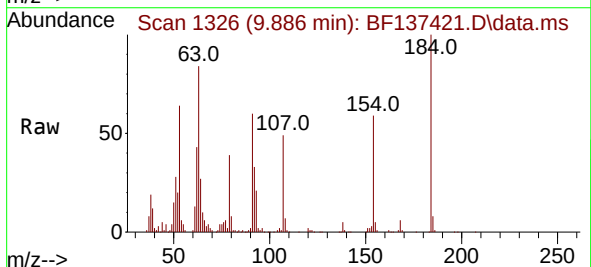
Instrument :
BNA_F
ClientSampleId :

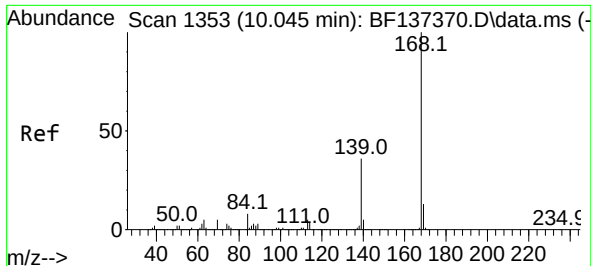
Tgt Ion:138 Resp: 316291
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.2
92 126.7 102.2 153.2



#54
2,4-Dinitrophenol
Concen: 40.864 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

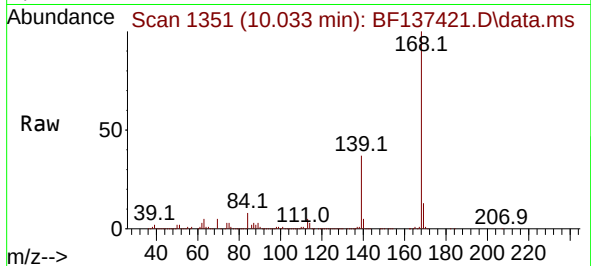
Tgt Ion:184 Resp: 113745
Ion Ratio Lower Upper
184 100
63 83.7 55.9 83.9
154 59.3 47.6 71.4



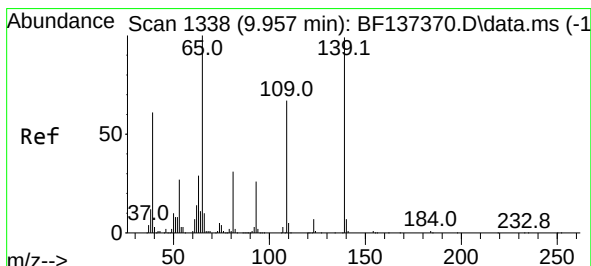
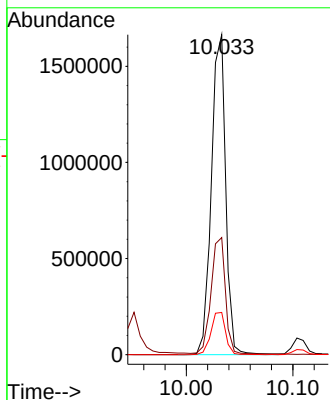
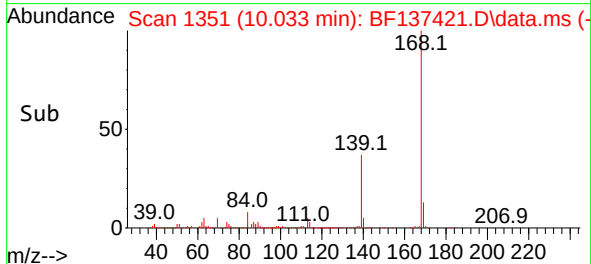


#55
Dibenzenofuran
Concen: 38.438 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :
BNA_F
ClientSampleId :

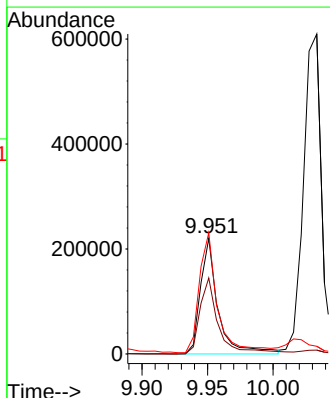
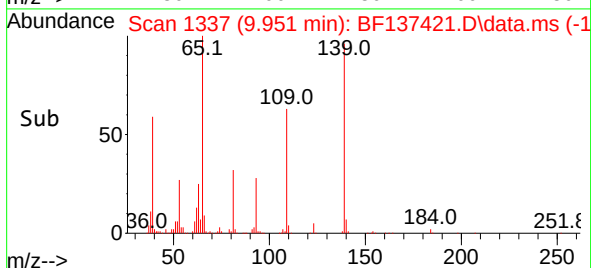
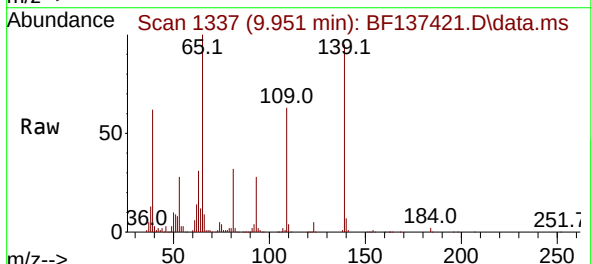


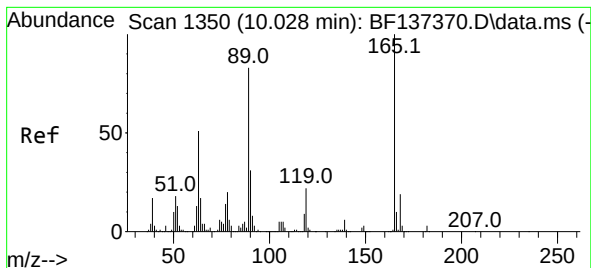
Tgt Ion:168 Resp: 1549812
Ion Ratio Lower Upper
168 100
139 36.6 28.9 43.3
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 41.395 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:139 Resp: 207188
Ion Ratio Lower Upper
139 100
109 65.8 48.0 88.0
65 104.9 82.2 122.2

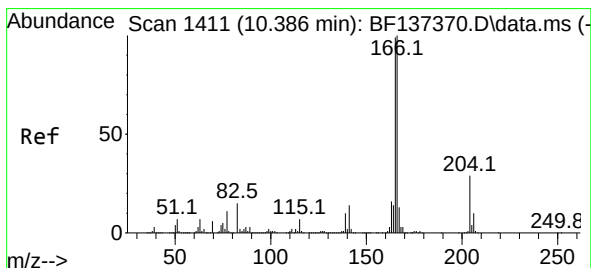
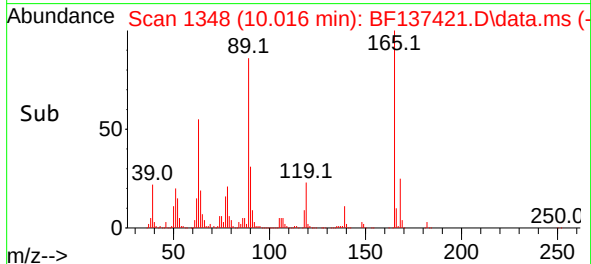
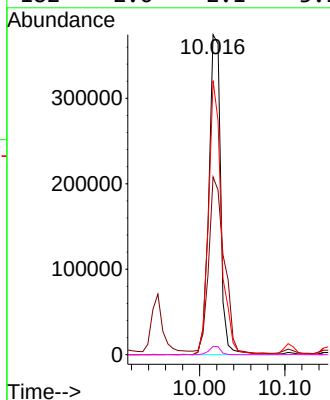
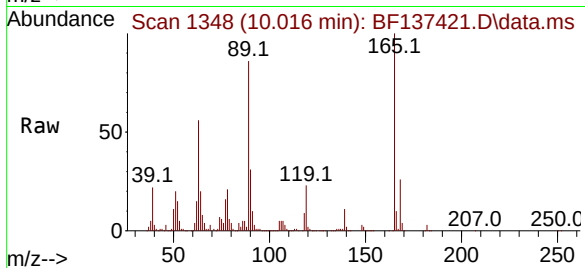




#57
2,4-Dinitrotoluene
Concen: 45.197 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

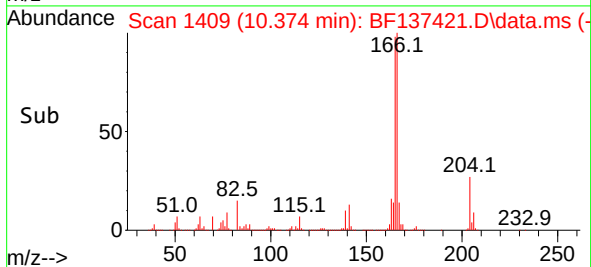
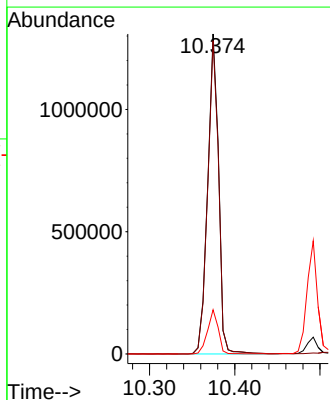
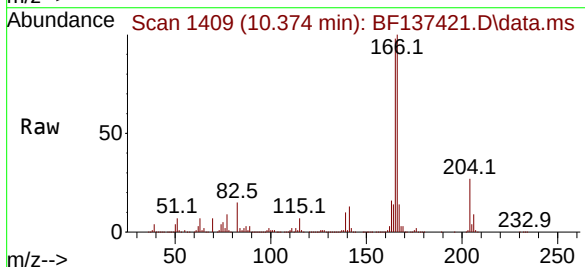
Instrument :
BNA_F
ClientSampleId :

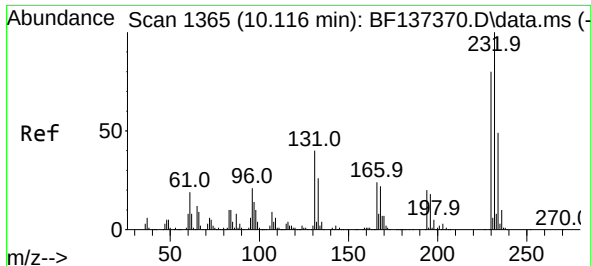
Tgt Ion:165 Resp: 358721
Ion Ratio Lower Upper
165 100
63 55.5 41.1 61.7
89 85.6 66.6 100.0
182 2.6 2.1 3.1



#58
Fluorene
Concen: 37.684 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

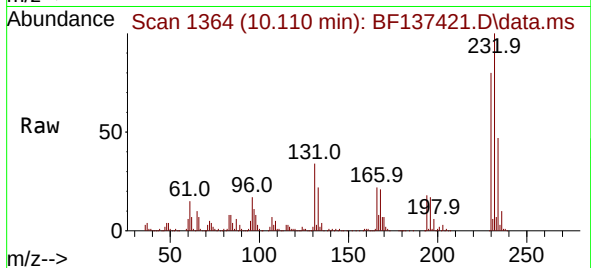
Tgt Ion:166 Resp: 1160355
Ion Ratio Lower Upper
166 100
165 97.9 78.8 118.2
167 13.8 10.5 15.7



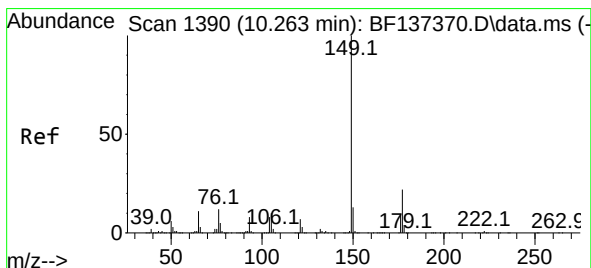
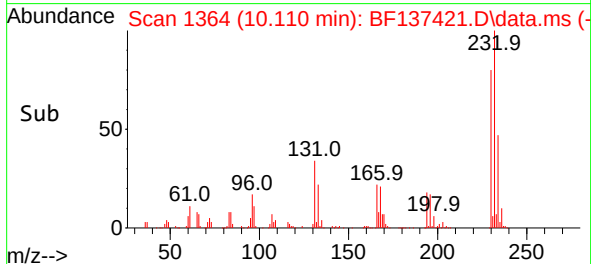
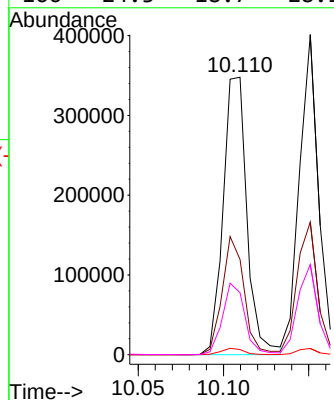


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.845 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.047 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :
BNA_F
ClientSampleId :

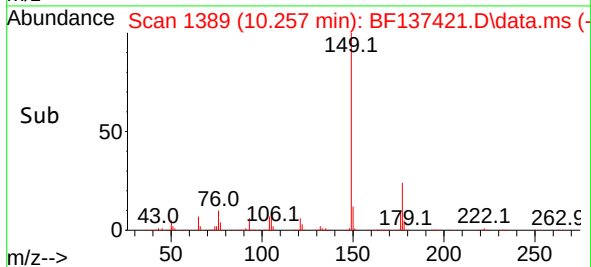
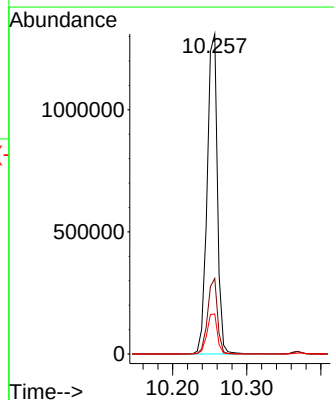
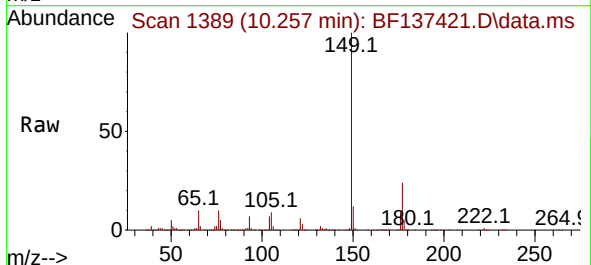


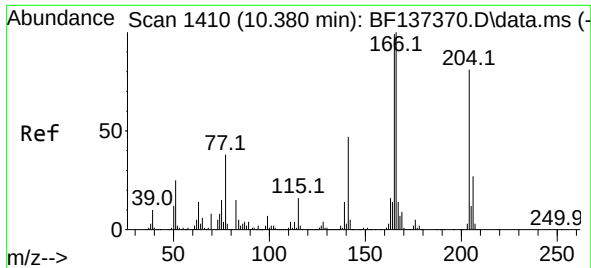
Tgt Ion:232 Resp: 338885
Ion Ratio Lower Upper
232 100
131 39.1 31.1 46.7
130 2.2 1.8 2.6
166 24.3 18.7 28.1



#60
Diethylphthalate
Concen: 39.987 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:149 Resp: 1261559
Ion Ratio Lower Upper
149 100
177 23.6 18.0 27.0
150 12.5 10.2 15.2

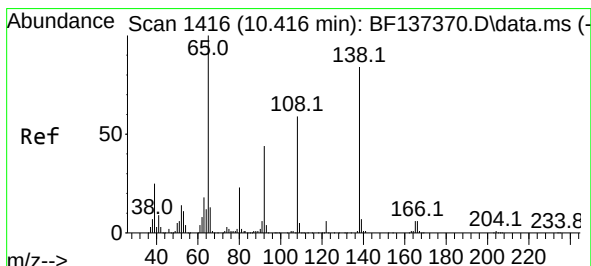
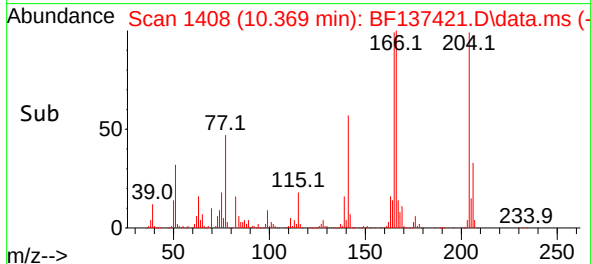
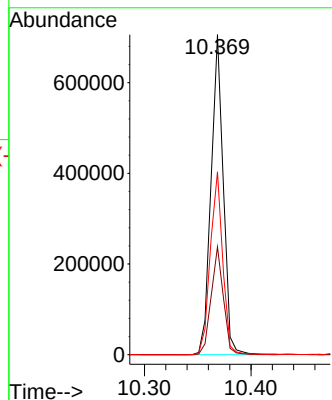
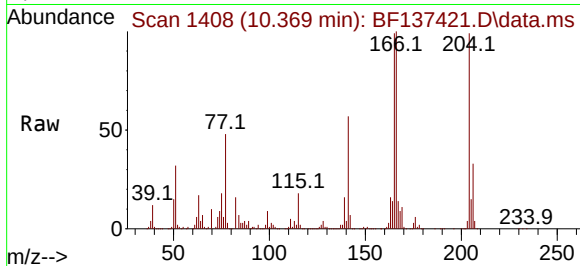




#61
4-Chlorophenyl-phenylether
Concen: 37.233 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

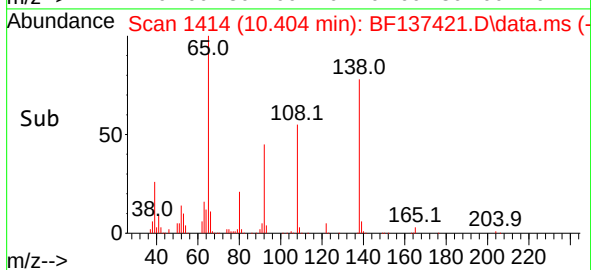
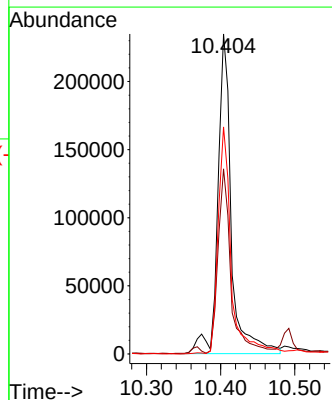
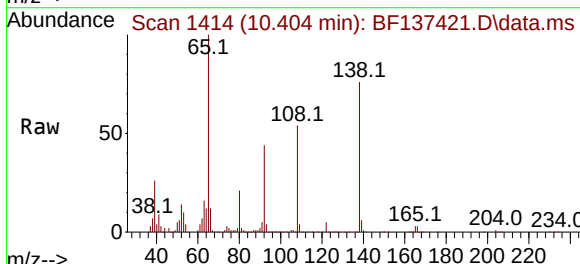
Instrument :
BNA_F
ClientSampleId :

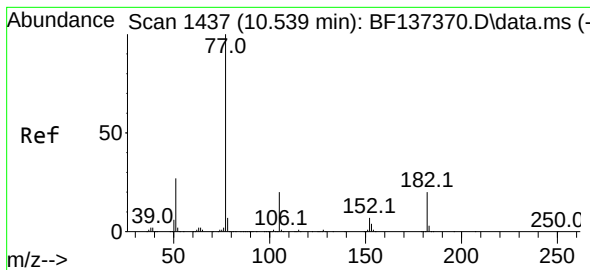
Tgt Ion:204 Resp: 563948
Ion Ratio Lower Upper
204 100
206 33.7 26.8 40.2
141 57.1 46.4 69.6



#62
4-Nitroaniline
Concen: 44.845 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

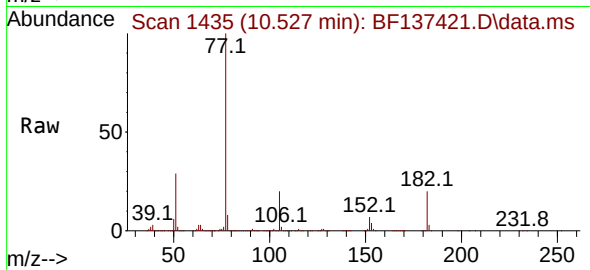
Tgt Ion:138 Resp: 295814
Ion Ratio Lower Upper
138 100
92 57.9 33.4 73.4
108 70.9 50.4 90.4



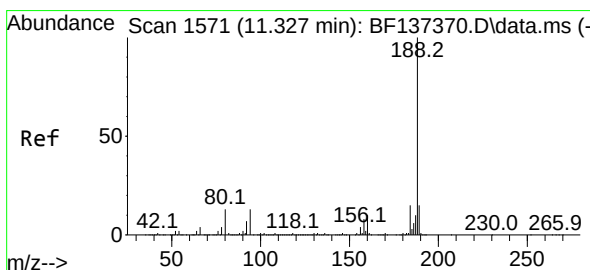
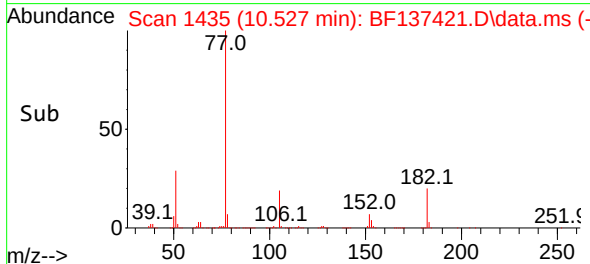
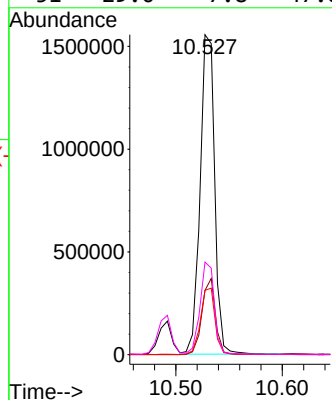


#63
 Azobenzene
 Concen: 39.233 ng
 RT: 10.527 min Scan# 1435
 Delta R.T. -0.012 min
 Lab File: BF137421.D
 Acq: 28 Feb 2024 14:25

Instrument :
 BNA_F
 ClientSampleId :

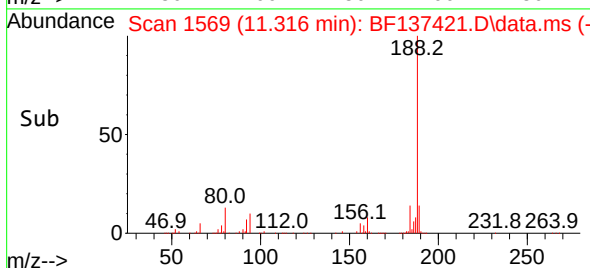
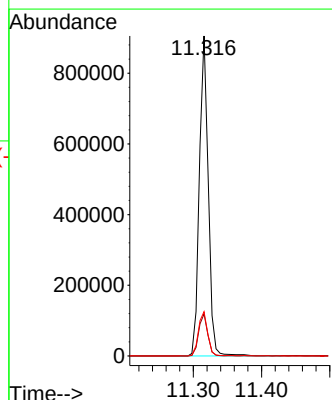
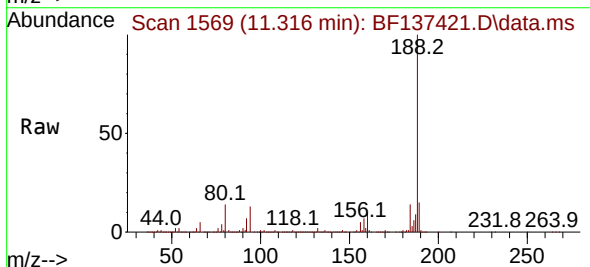


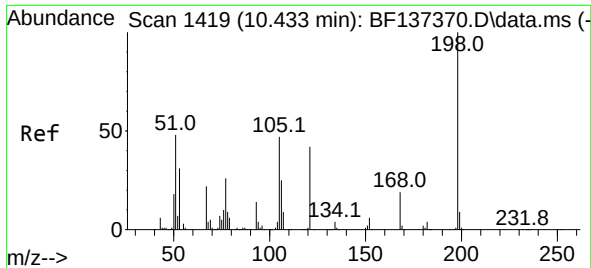
Tgt Ion: 77 Resp: 1480896
 Ion Ratio Lower Upper
 77 100
 182 20.1 0.0 39.6
 105 20.1 0.4 40.4
 51 29.0 7.8 47.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.316 min Scan# 1569
 Delta R.T. -0.012 min
 Lab File: BF137421.D
 Acq: 28 Feb 2024 14:25

Tgt Ion: 188 Resp: 822900
 Ion Ratio Lower Upper
 188 100
 94 13.1 10.2 15.2
 80 13.8 10.7 16.1

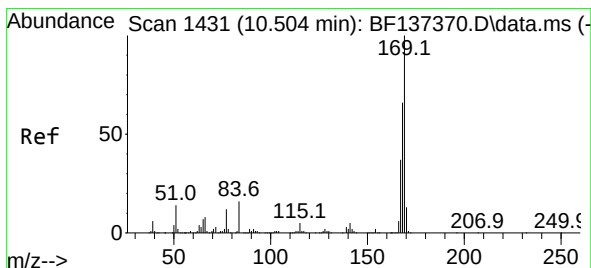
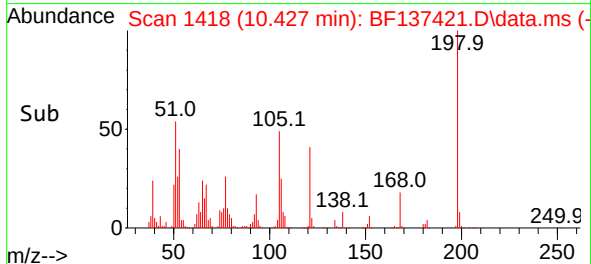
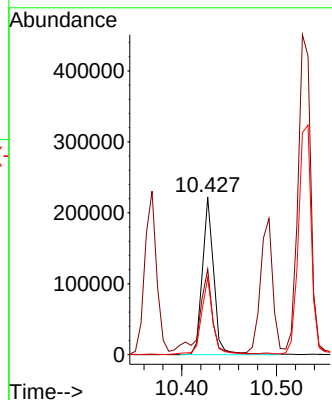
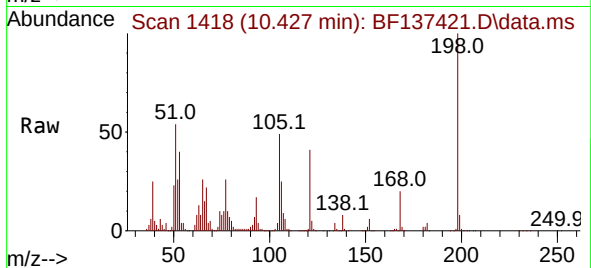




#65
4,6-Dinitro-2-methylphenol
Concen: 46.117 ng
RT: 10.427 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

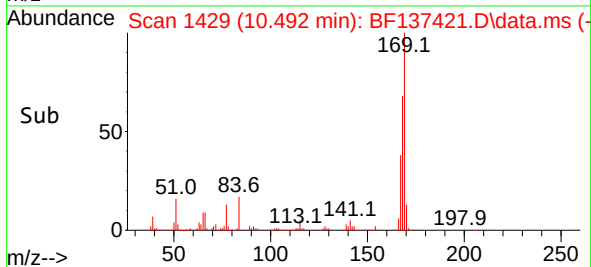
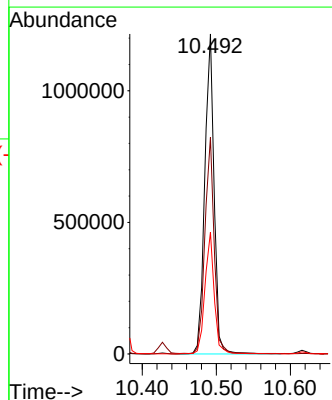
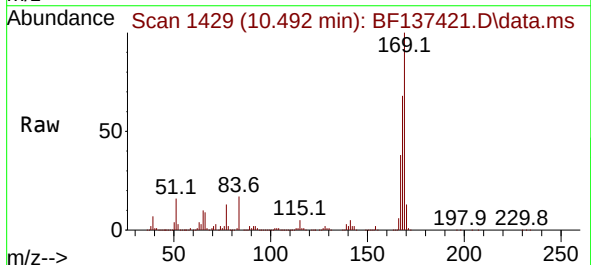
Instrument :
BNA_F
ClientSampleId :

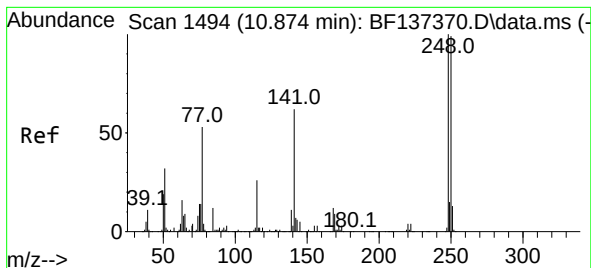
Tgt Ion:198 Resp: 184781
Ion Ratio Lower Upper
198 100
51 54.3 36.8 76.8
105 48.8 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 39.894 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

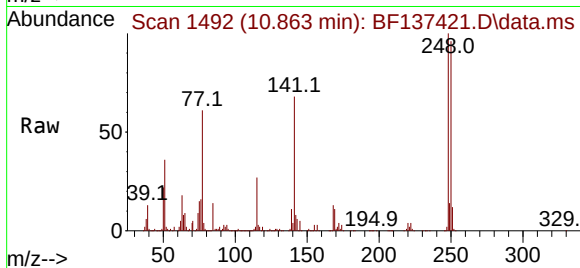
Tgt Ion:169 Resp: 1066187
Ion Ratio Lower Upper
169 100
168 67.7 53.0 79.4
167 38.0 29.2 43.8



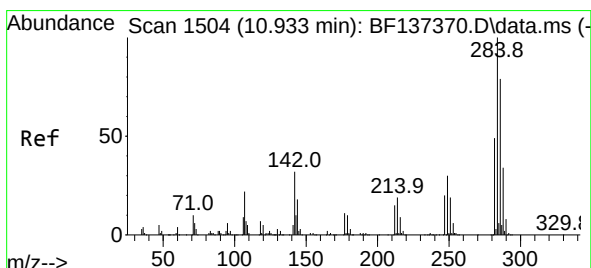
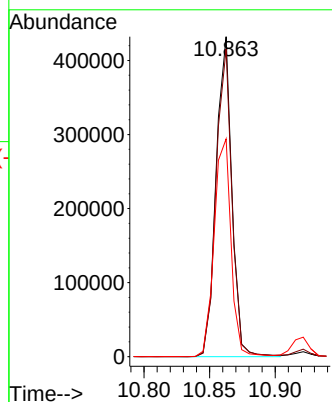
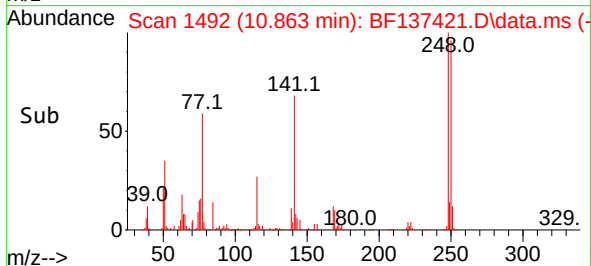


#67
4-Bromophenyl-phenylether
Concen: 40.974 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

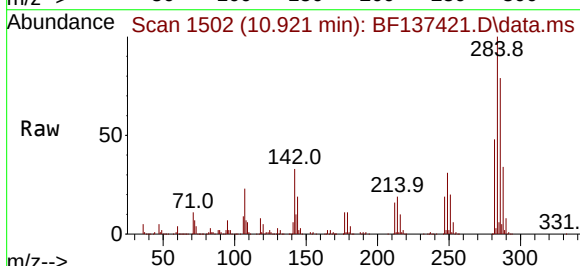
Instrument :
BNA_F
ClientSampleId :



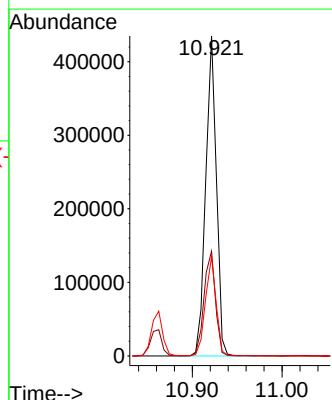
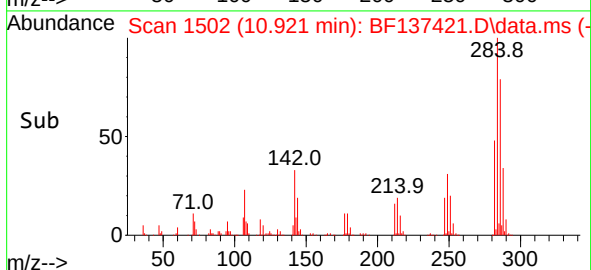
Tgt Ion:248 Resp: 362476
Ion Ratio Lower Upper
248 100
250 96.2 79.0 118.6
141 68.0 49.9 74.9

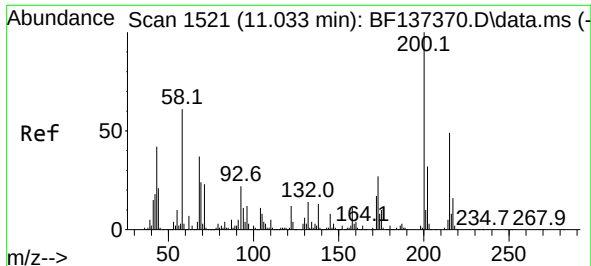


#68
Hexachlorobenzene
Concen: 39.292 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25



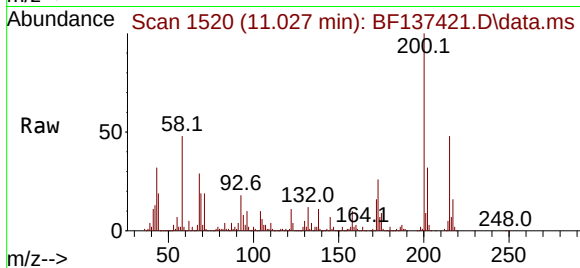
Tgt Ion:284 Resp: 359574
Ion Ratio Lower Upper
284 100
142 32.8 25.4 38.0
249 31.1 24.2 36.4



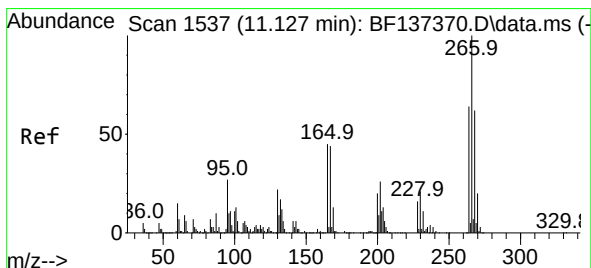
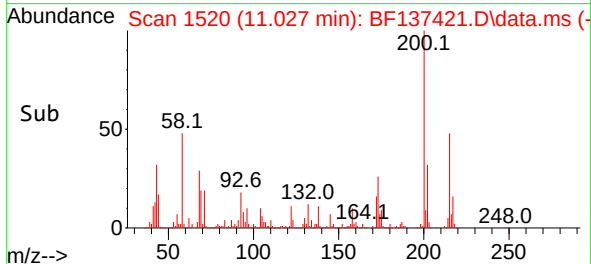
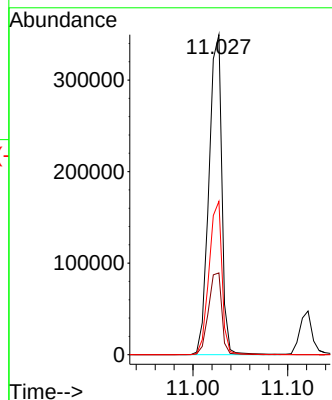


#69
 Atrazine
 Concen: 45.770 ng
 RT: 11.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137421.D
 Acq: 28 Feb 2024 14:25

Instrument :
 BNA_F
 ClientSampleId :

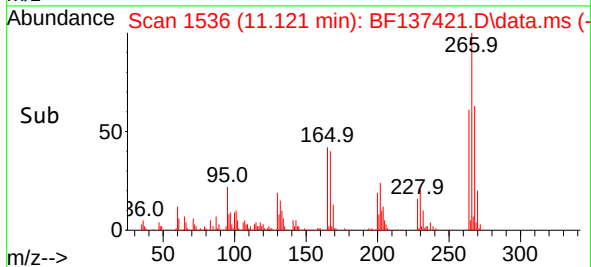
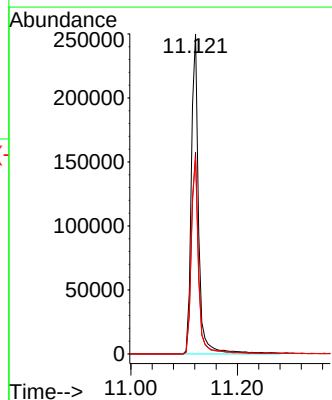
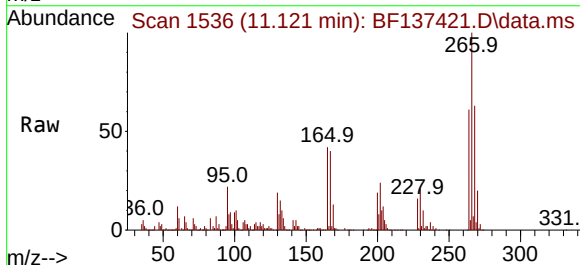


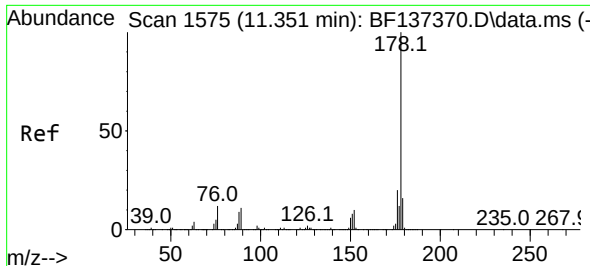
Tgt Ion:200 Resp: 330108
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.8 46.8
 215 47.9 29.4 69.4



#70
 Pentachlorophenol
 Concen: 41.161 ng
 RT: 11.121 min Scan# 1536
 Delta R.T. -0.006 min
 Lab File: BF137421.D
 Acq: 28 Feb 2024 14:25

Tgt Ion:266 Resp: 238659
 Ion Ratio Lower Upper
 266 100
 268 63.0 49.4 74.2
 264 61.2 51.3 76.9

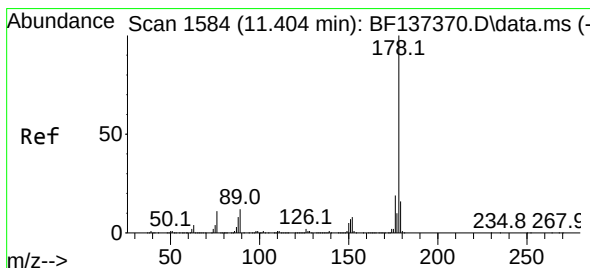
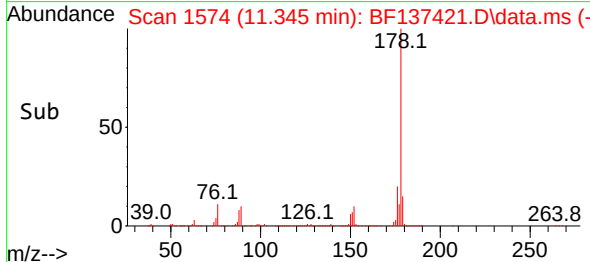
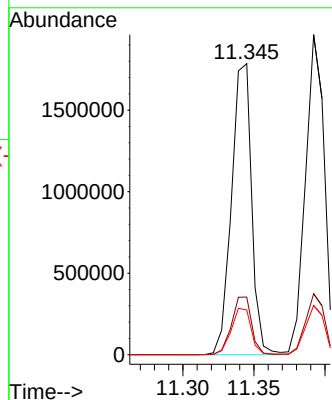
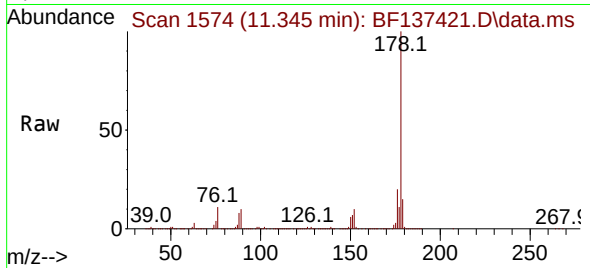




#71
Phenanthrene
Concen: 38.848 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

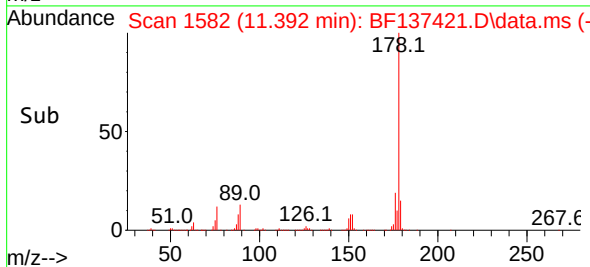
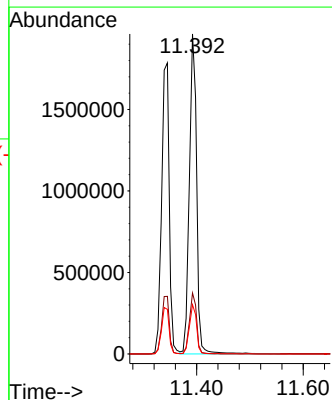
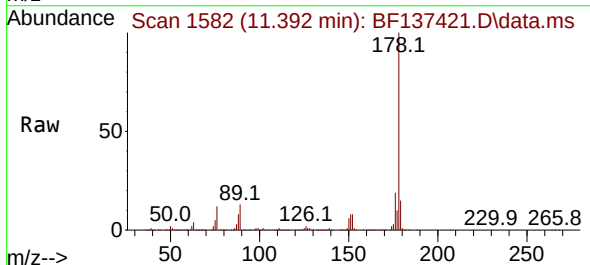
Instrument :
BNA_F
ClientSampleId :

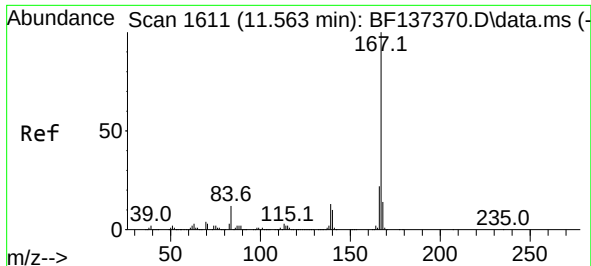
Tgt Ion:178 Resp: 1763733
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 15.3 12.7 19.1



#72
Anthracene
Concen: 39.746 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:178 Resp: 1859644
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.6 18.8

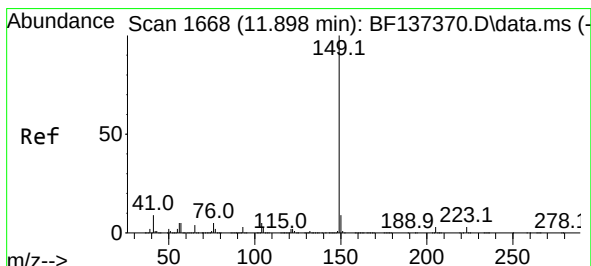
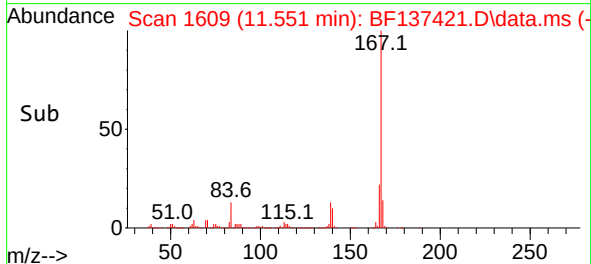
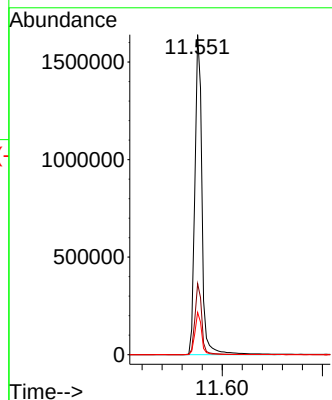
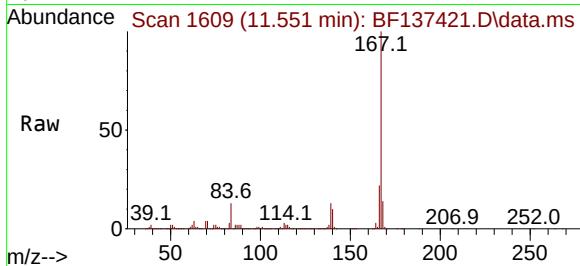




#73
 Carbazole
 Concen: 40.165 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.012 min
 Lab File: BF137421.D
 Acq: 28 Feb 2024 14:25

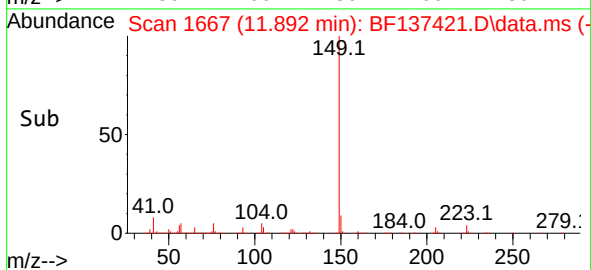
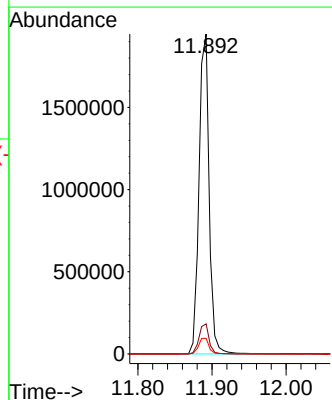
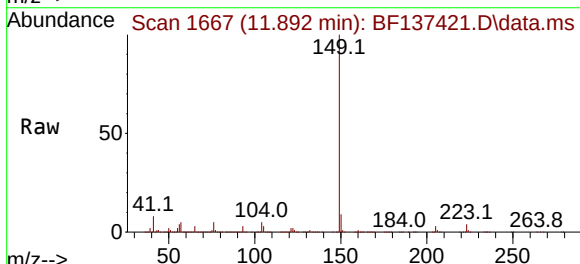
Instrument :
 BNA_F
 ClientSampleId :

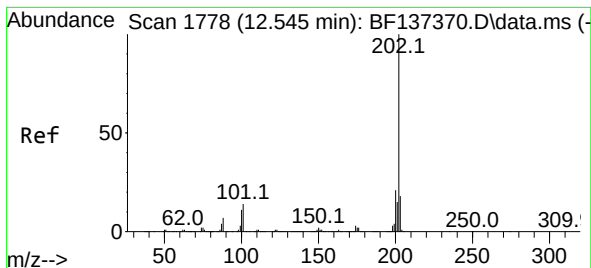
Tgt Ion:167 Resp: 1605621
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.2 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 45.921 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF137421.D
 Acq: 28 Feb 2024 14:25

Tgt Ion:149 Resp: 1836802
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 39.418 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

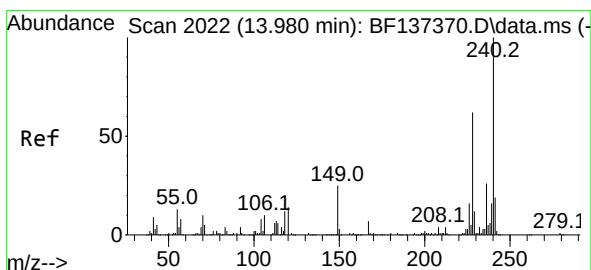
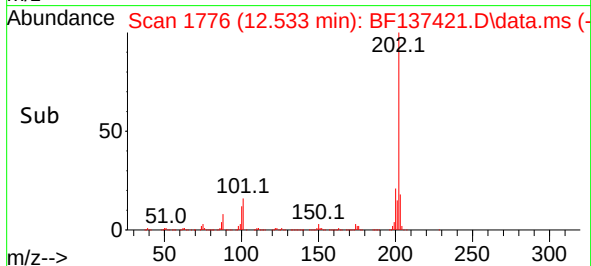
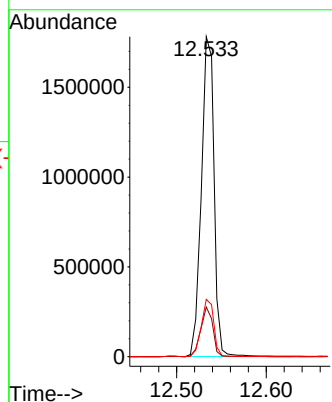
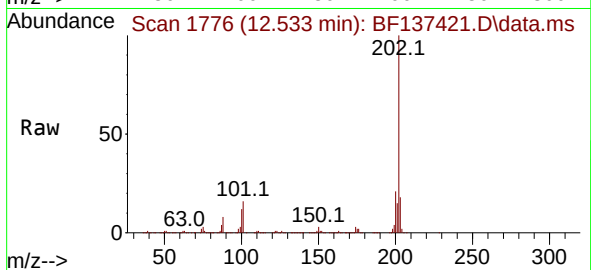
Tgt Ion:202 Resp: 1746855

Ion Ratio Lower Upper

202 100

101 15.5 0.0 33.9

203 17.9 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

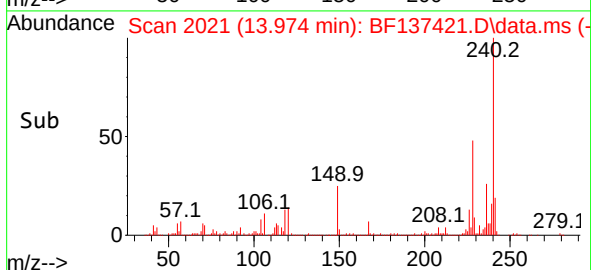
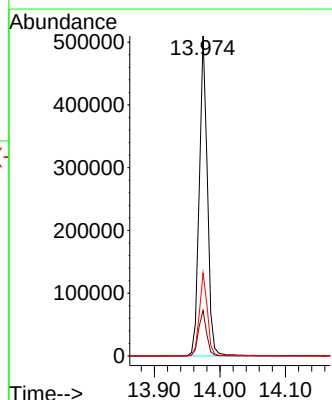
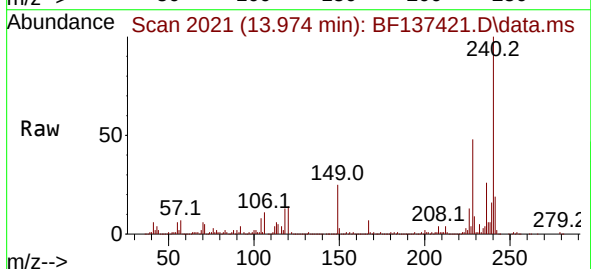
Tgt Ion:240 Resp: 440072

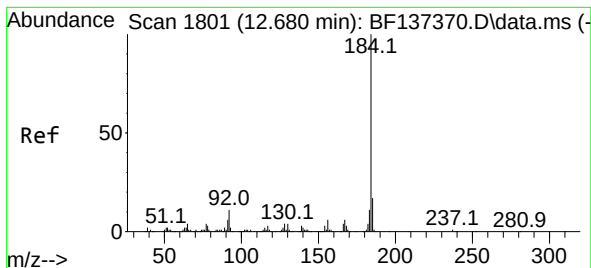
Ion Ratio Lower Upper

240 100

120 14.2 11.3 16.9

236 26.0 20.5 30.7





#77

Benzidine

Concen: 65.601 ng

RT: 12.668 min Scan# 1799

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

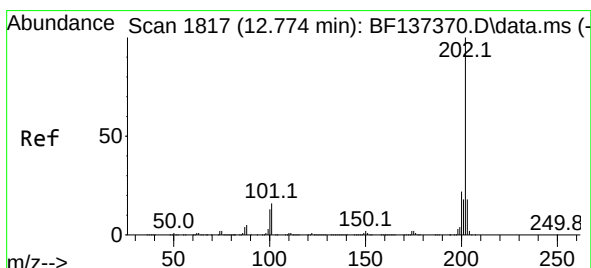
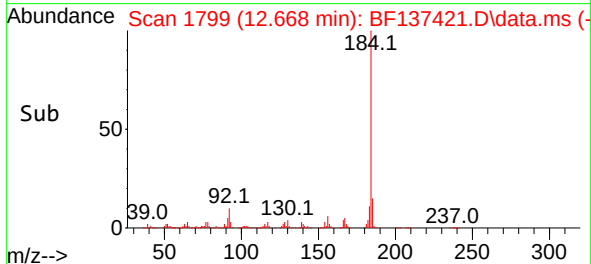
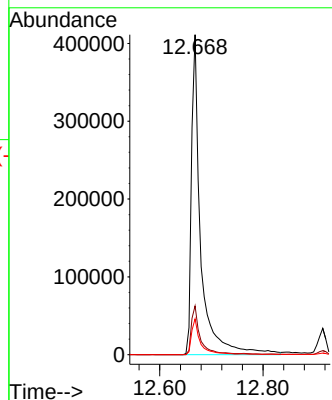
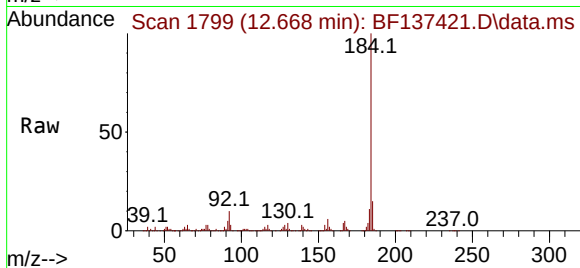
Tgt Ion:184 Resp: 515267

Ion Ratio Lower Upper

184 100

185 15.2 13.7 20.5

183 11.2 8.8 13.2



#78

Pyrene

Concen: 42.649 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

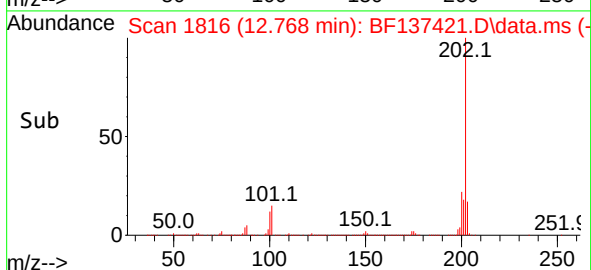
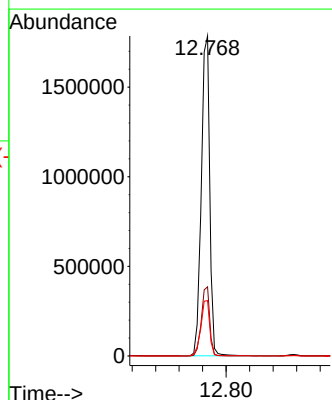
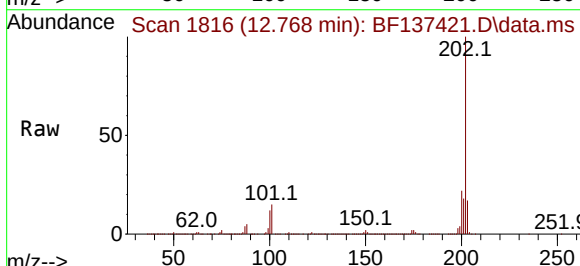
Tgt Ion:202 Resp: 1774708

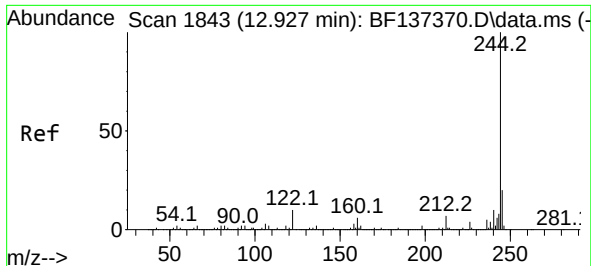
Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

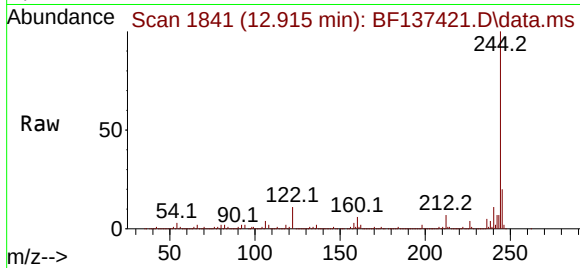
203 17.3 14.2 21.2



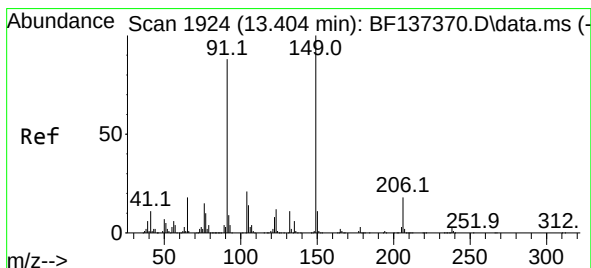
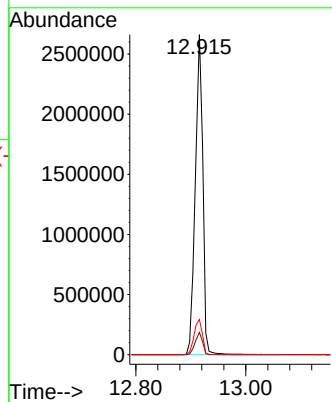
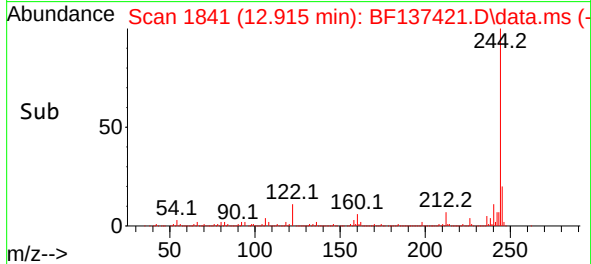


#79
 Terphenyl-d14
 Concen: 80.060 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF137421.D
 Acq: 28 Feb 2024 14:25

Instrument :
 BNA_F
 ClientSampleId :

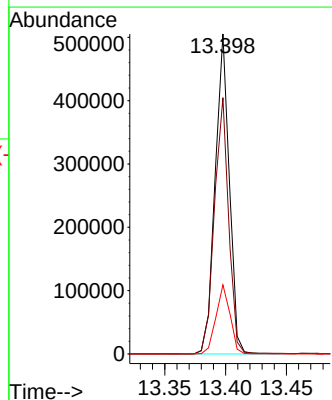
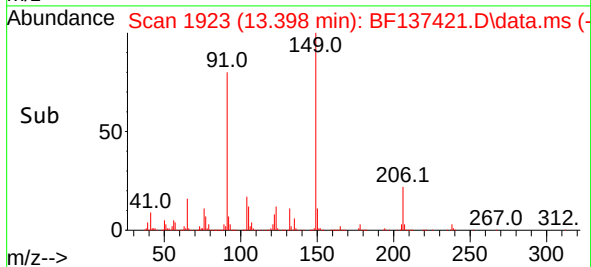
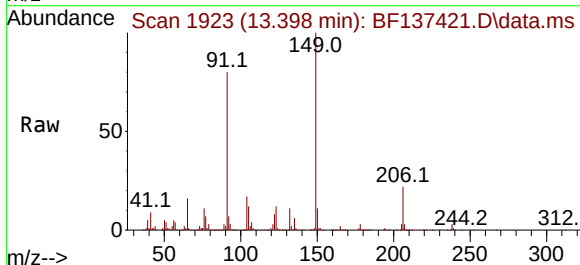


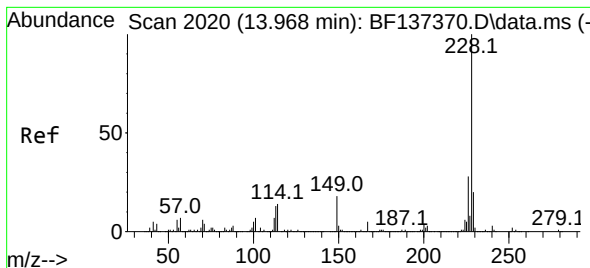
Tgt Ion:244 Resp: 2518941
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.3 7.9
 122 11.0 8.2 12.4



#80
 Butylbenzylphthalate
 Concen: 60.677 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF137421.D
 Acq: 28 Feb 2024 14:25

Tgt Ion:149 Resp: 408233
 Ion Ratio Lower Upper
 149 100
 91 80.1 70.5 105.7
 206 21.6 14.8 22.2





#81

Benzo(a)anthracene

Concen: 40.509 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

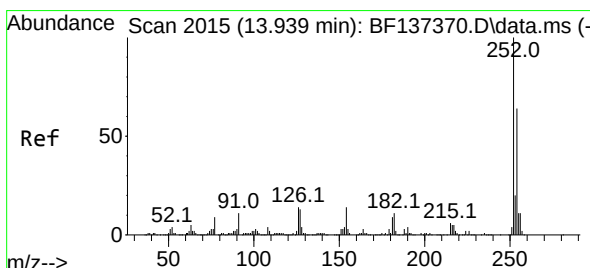
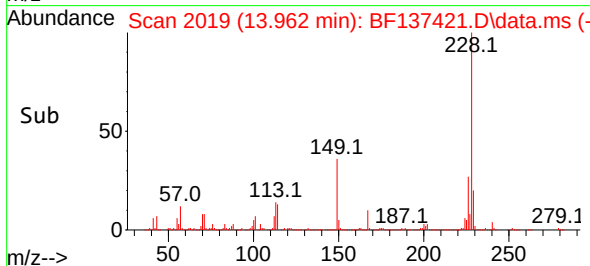
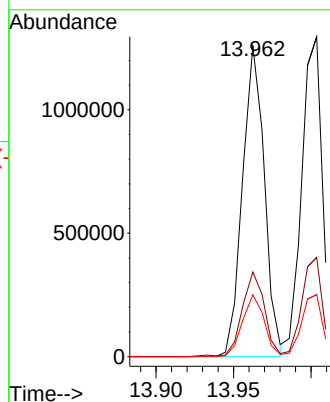
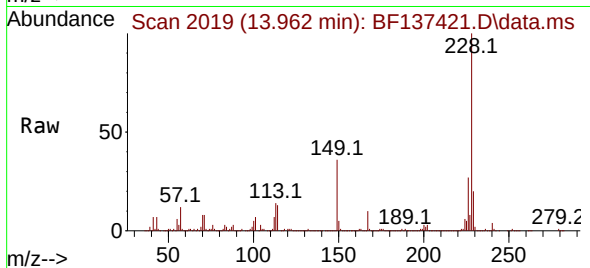
Tgt Ion:228 Resp: 1237043

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 47.275 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

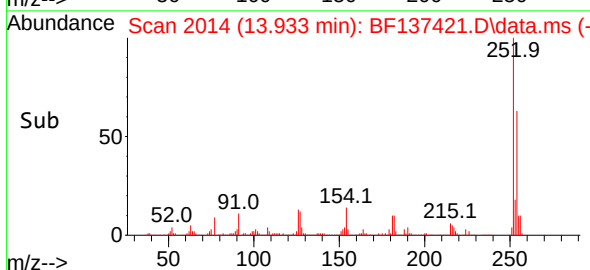
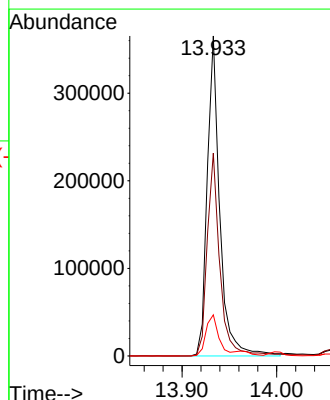
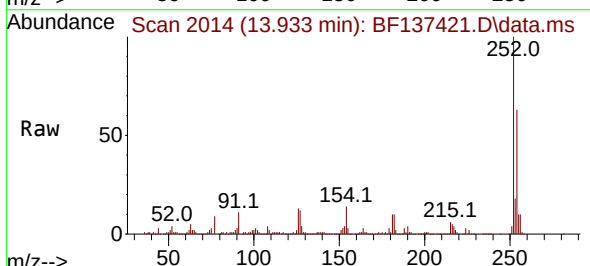
Tgt Ion:252 Resp: 336039

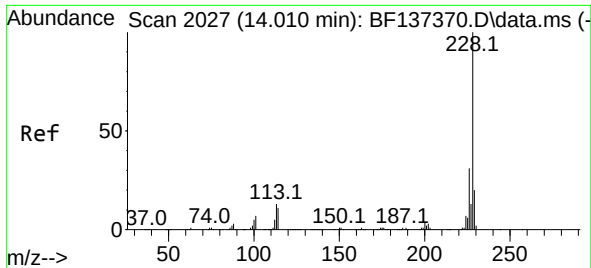
Ion Ratio Lower Upper

252 100

254 63.4 51.2 76.8

126 12.9 11.1 16.7

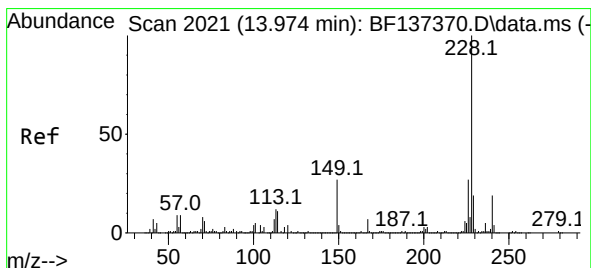
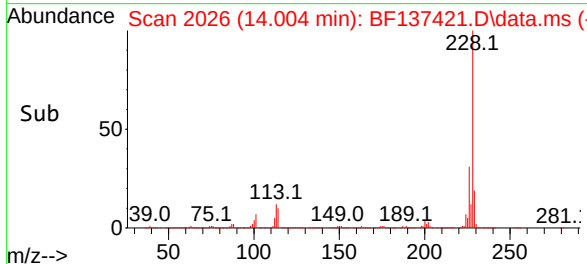
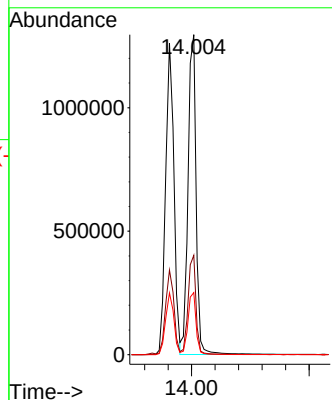
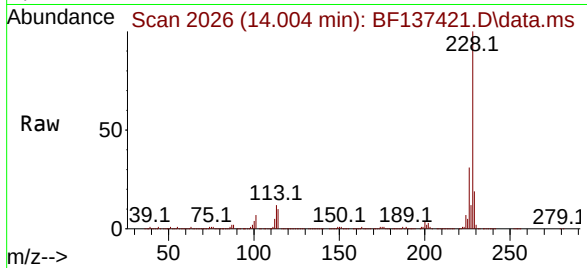




#83
Chrysene
Concen: 39.898 ng
RT: 14.004 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

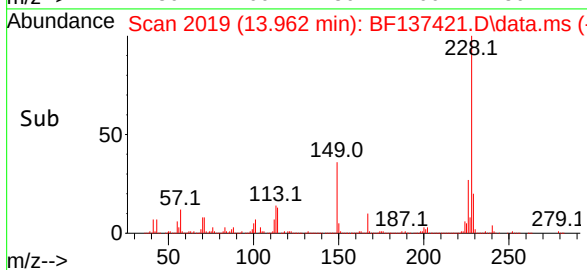
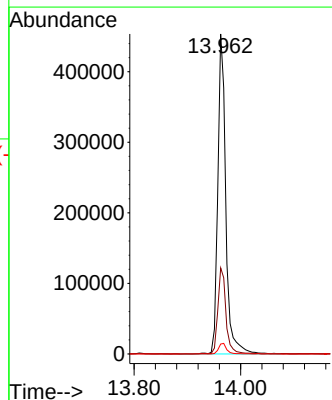
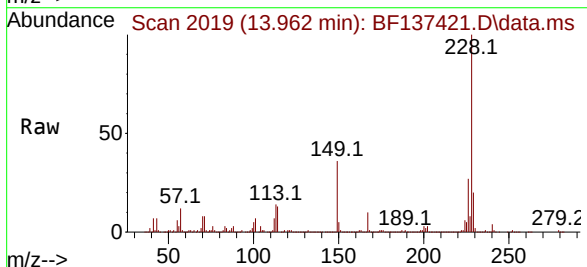
Instrument :
BNA_F
ClientSampleId :

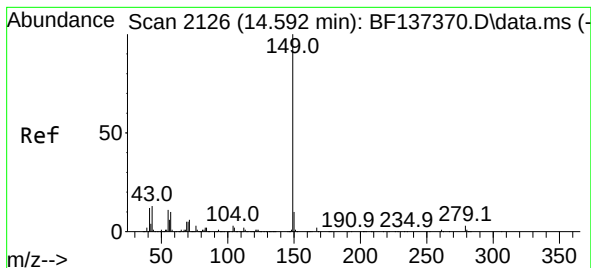
Tgt Ion:228 Resp: 1244614
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 19.4 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.430 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:149 Resp: 472344
Ion Ratio Lower Upper
149 100
167 26.9 20.6 31.0
279 3.1 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 53.810 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

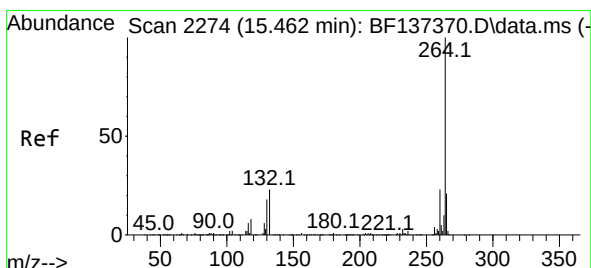
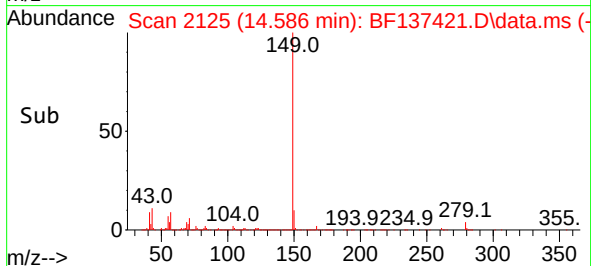
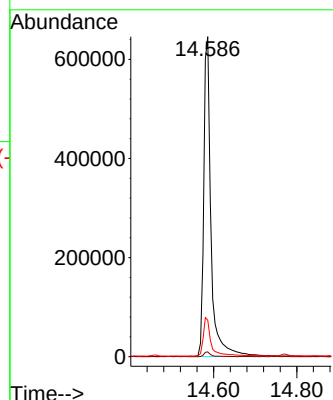
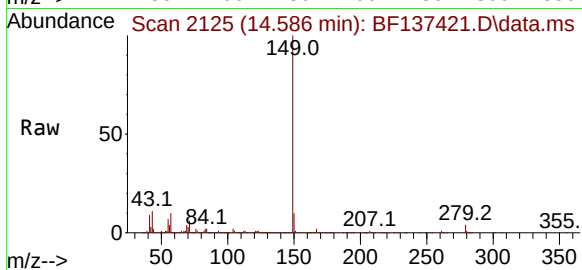
Tgt Ion:149 Resp: 785661

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 13.1 13.7 20.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

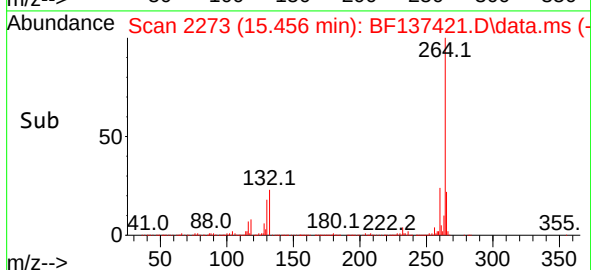
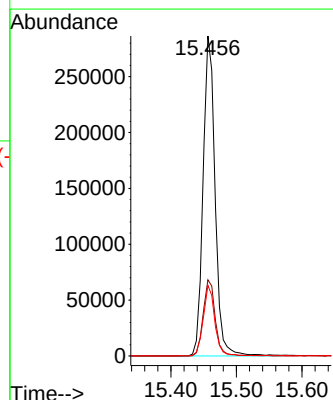
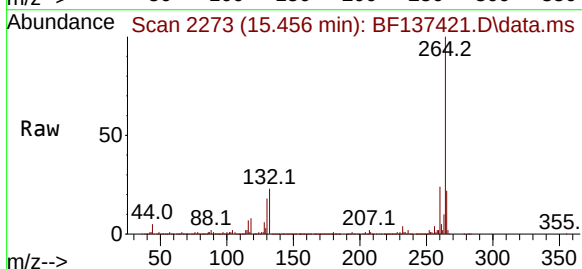
Tgt Ion:264 Resp: 366383

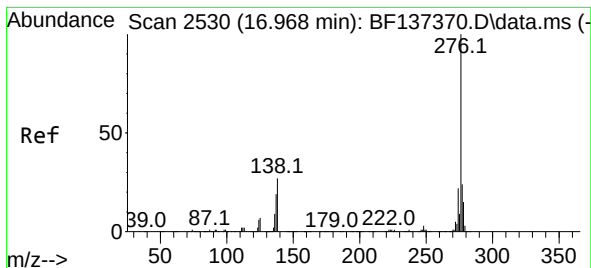
Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.1 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.272 ng

RT: 16.968 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

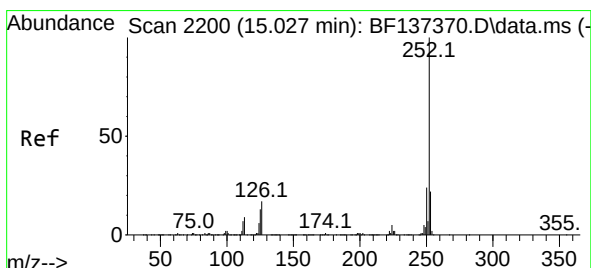
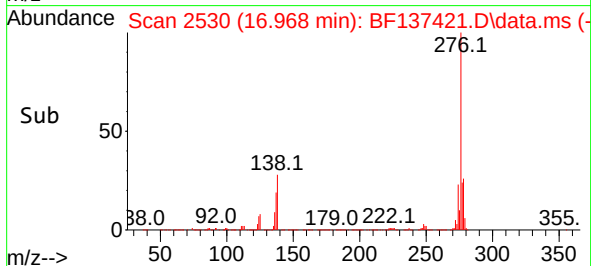
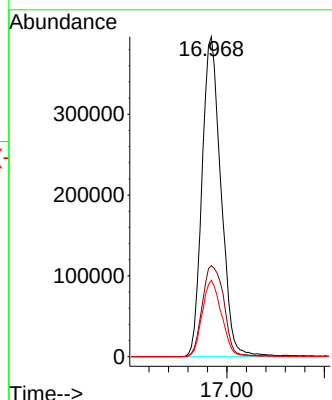
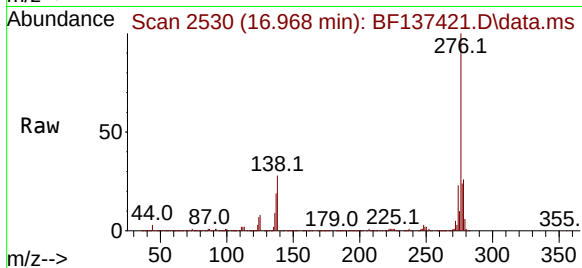
Tgt Ion:276 Resp: 1066518

Ion Ratio Lower Upper

276 100

138 32.6 25.8 38.8

277 24.6 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 40.577 ng

RT: 15.021 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

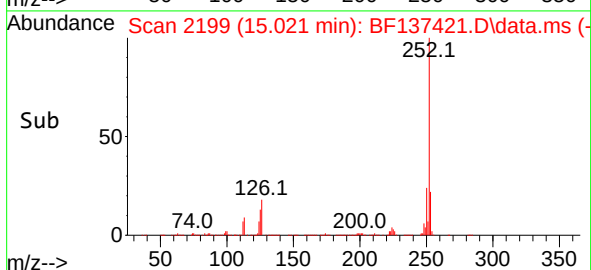
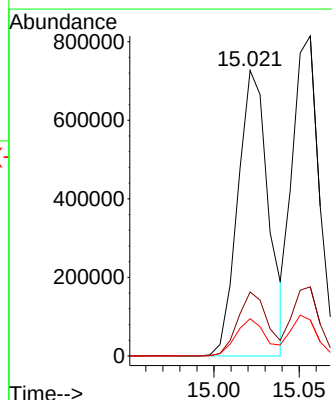
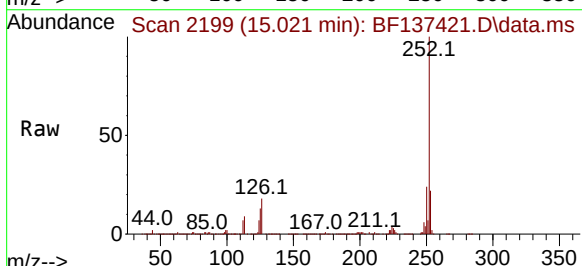
Tgt Ion:252 Resp: 911988

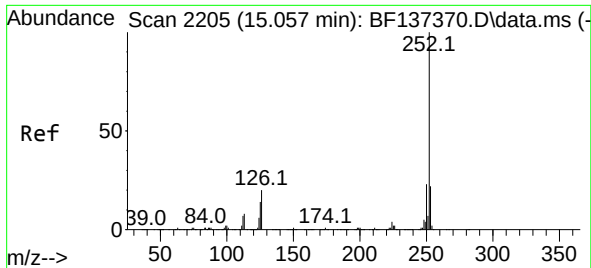
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 13.0 10.2 15.2

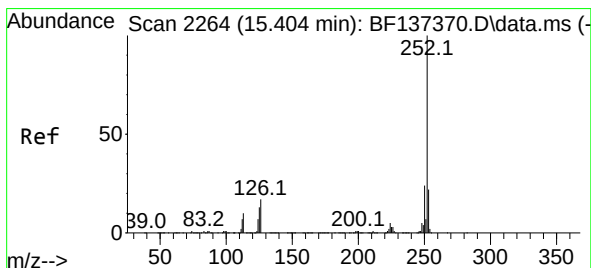
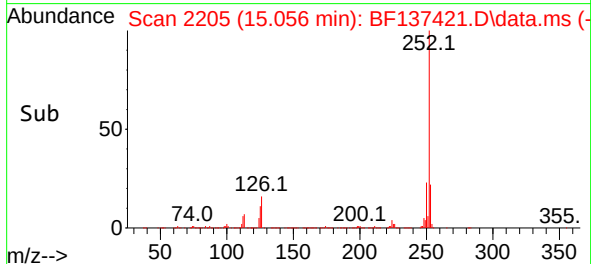
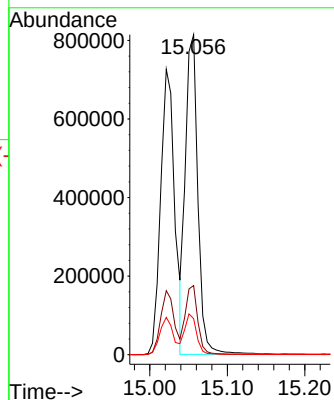
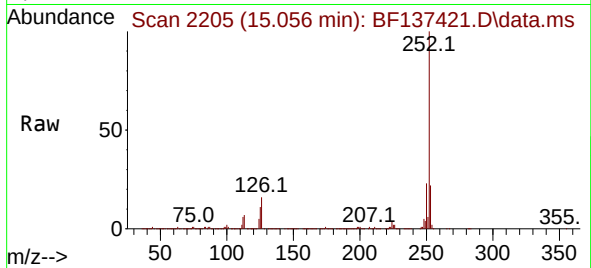




#89
Benzo(k)fluoranthene
Concen: 38.600 ng
RT: 15.056 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

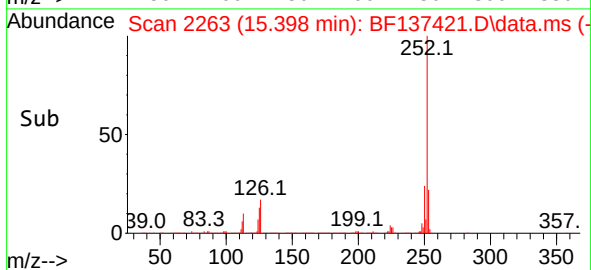
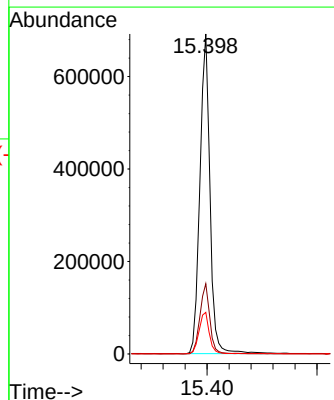
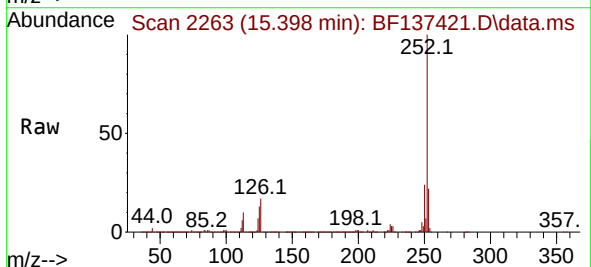
Instrument :
BNA_F
ClientSampleId :

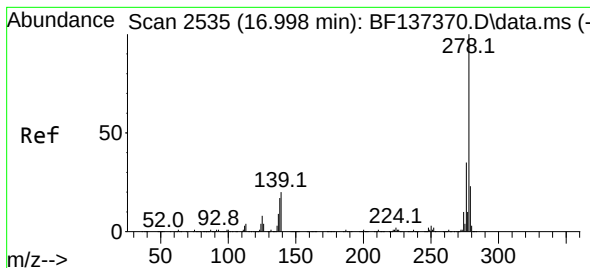
Tgt Ion:252 Resp: 909308
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 11.2 10.7 16.1



#90
Benzo(a)pyrene
Concen: 41.258 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:252 Resp: 879585
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 13.0 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 41.999 ng

RT: 16.992 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

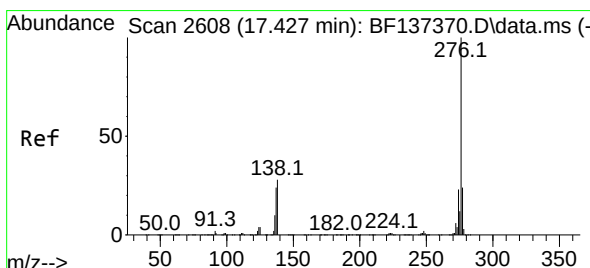
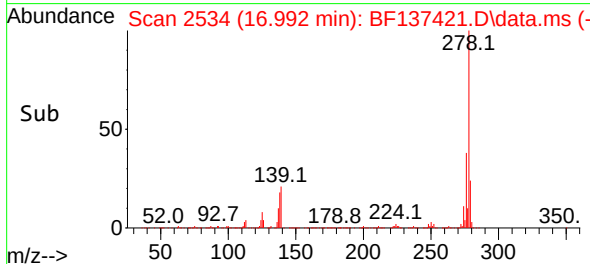
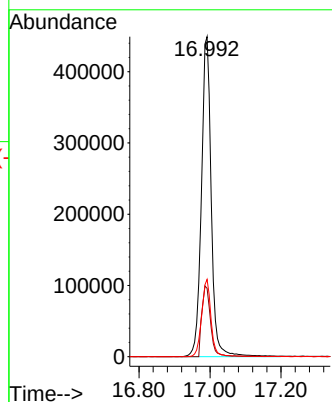
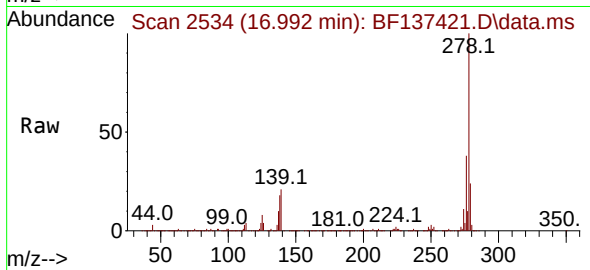
Tgt Ion:278 Resp: 868874

Ion Ratio Lower Upper

278 100

139 21.4 16.2 24.4

279 24.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 42.170 ng

RT: 17.421 min Scan# 2607

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Tgt Ion:276 Resp: 900569

Ion Ratio Lower Upper

276 100

277 25.2 19.0 28.4

138 28.7 22.6 33.8

