

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137258.D
 Acq On : 02 Feb 2024 16:47
 Operator : CG\JU
 Sample : P1337-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Quant Time: Feb 02 17:10:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	53741	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	206002	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	114092	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	186154	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	140863	20.000	ng	0.00
86) Perylene-d12	15.445	264	123200	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	363834	111.713	ng	0.01
7) Phenol-d6	6.428	99	487330	104.850	ng	0.00
23) Nitrobenzene-d5	7.351	82	314909	68.441	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	130479	101.264	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	546924	65.898	ng	0.00
79) Terphenyl-d14	12.910	244	531699	51.313	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	66427	38.118	ng	97
3) Pyridine	3.363	79	142006	40.739	ng	99
4) n-Nitrosodimethylamine	3.328	42	80904	45.864	ng	92
6) Aniline	6.463	93	165894	33.342	ng	99
8) 2-Chlorophenol	6.575	128	174286	47.860	ng	98
9) Benzaldehyde	6.345	77	50900	28.756	ng	98
10) Phenol	6.445	94	235863	45.463	ng	95
11) bis(2-Chloroethyl)ether	6.534	93	162195	46.781	ng	96
12) 1,3-Dichlorobenzene	6.734	146	194720	45.606	ng	97
13) 1,4-Dichlorobenzene	6.810	146	203185	46.015	ng	99
14) 1,2-Dichlorobenzene	6.957	146	190780	46.210	ng	99
15) Benzyl Alcohol	6.934	79	162585	49.237	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	255136	40.851	ng	98
17) 2-Methylphenol	7.045	107	149617	49.179	ng	95
18) Hexachloroethane	7.298	117	72296	45.396	ng	92
19) n-Nitroso-di-n-propyla...	7.204	70	141158	44.294	ng	99
20) 3+4-Methylphenols	7.198	107	180091	46.761	ng	92
22) Acetophenone	7.204	105	257463	46.424	ng	# 93
24) Nitrobenzene	7.375	77	207191	46.394	ng	93
25) Isophorone	7.610	82	377537	44.453	ng	98
26) 2-Nitrophenol	7.687	139	85186	49.206	ng	91
27) 2,4-Dimethylphenol	7.728	122	120016	49.440	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	209770	46.512	ng	99
29) 2,4-Dichlorophenol	7.928	162	143791	47.748	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	170584	45.603	ng	99
31) Naphthalene	8.092	128	502995	45.165	ng	100
32) Benzoic acid	7.851	122	91632	52.507	ng	93
33) 4-Chloroaniline	8.169	127	56993	14.878	ng	96
34) Hexachlorobutadiene	8.210	225	115585	46.472	ng	96
35) Caprolactam	8.510	113	29004	30.974	ng	93
36) 4-Chloro-3-methylphenol	8.628	107	158080	44.444	ng	97
37) 2-Methylnaphthalene	8.781	142	328712	44.026	ng	99
38) 1-Methylnaphthalene	8.881	142	315367	45.476	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	179059	46.903	ng	99
41) Hexachlorocyclopentadiene	8.934	237	206416	113.523	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	109614	50.622	ng	98

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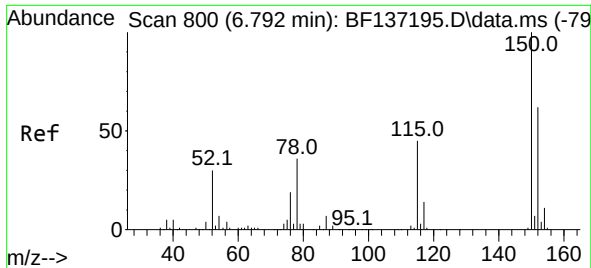
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	114359	48.317	ng	94
46) 1,1'-Biphenyl	9.251	154	425901	46.918	ng	97
47) 2-Chloronaphthalene	9.275	162	307735	45.808	ng	96
48) 2-Nitroaniline	9.369	65	104614	48.113	ng	94
49) Acenaphthylene	9.686	152	488364	45.409	ng	99
50) Dimethylphthalate	9.551	163	361487	46.899	ng	99
51) 2,6-Dinitrotoluene	9.616	165	80845	49.188	ng	86
52) Acenaphthene	9.857	154	285663	45.194	ng	99
53) 3-Nitroaniline	9.786	138	57723	39.026	ng	96
54) 2,4-Dinitrophenol	9.886	184	72970	96.879	ng	92
55) Dibenzofuran	10.033	168	450608	44.809	ng	100
56) 4-Nitrophenol	9.945	139	88732	79.224	ng	98
57) 2,4-Dinitrotoluene	10.016	165	103914	48.726	ng	# 88
58) Fluorene	10.375	166	343670	43.593	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.104	232	98215	44.597	ng	96
60) Diethylphthalate	10.257	149	357335	47.084	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	176543	45.052	ng	98
62) 4-Nitroaniline	10.398	138	58039	40.995	ng	98
63) Azobenzene	10.533	77	356704	42.439	ng	93
65) 4,6-Dinitro-2-methylph...	10.422	198	53084	53.170	ng	89
66) n-Nitrosodiphenylamine	10.492	169	296627	52.406	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	108502	53.008	ng	95
68) Hexachlorobenzene	10.922	284	113732	49.744	ng	93
69) Atrazine	11.022	200	92244	49.367	ng	98
70) Pentachlorophenol	11.116	266	131741	100.517	ng	98
71) Phenanthrene	11.339	178	449941	46.169	ng	99
72) Anthracene	11.392	178	473391	46.605	ng	99
73) Carbazole	11.551	167	376117	44.307	ng	99
74) Di-n-butylphthalate	11.892	149	481867	52.512	ng	99
75) Fluoranthene	12.533	202	450311	44.158	ng	99
77) Benzidine	12.674	184	66447	26.343	ng	98
78) Pyrene	12.763	202	463385	34.231	ng	99
80) Butylbenzylphthalate	13.398	149	184059	53.152	ng	97
81) Benzo(a)anthracene	13.957	228	465956	46.708	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	151502	55.741	ng	96
83) Chrysene	13.998	228	460706	46.974	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	262322	65.112	ng	100
85) Di-n-octyl phthalate	14.580	149	490974	76.644	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	310682	35.894	ng	99
88) Benzo(b)fluoranthene	15.015	252	392433	51.795	ng	99
89) Benzo(k)fluoranthene	15.045	252	405058	50.536	ng	99
90) Benzo(a)pyrene	15.386	252	331079	46.434	ng	98
91) Dibenzo(a,h)anthracene	16.962	278	249997	36.046	ng	96
92) Benzo(g,h,i)perylene	17.386	276	232633	34.176	ng	98

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

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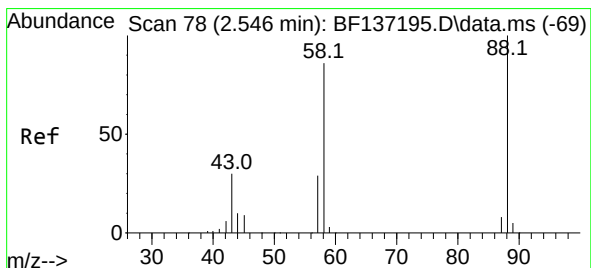
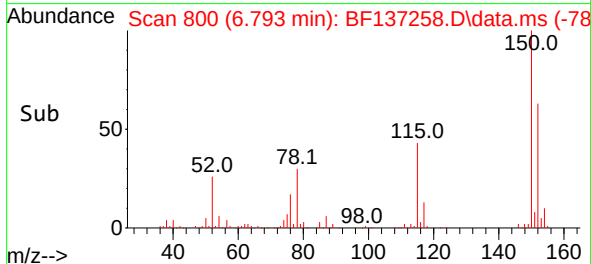
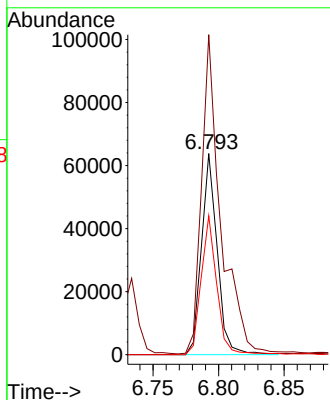
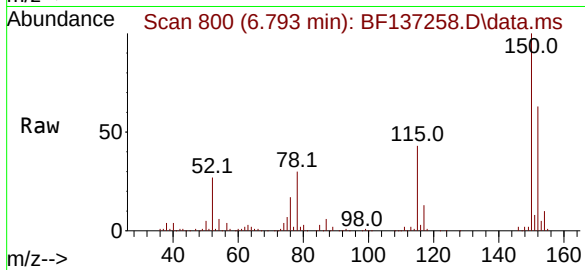




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF137258.D
 Acq: 02 Feb 2024 16:47

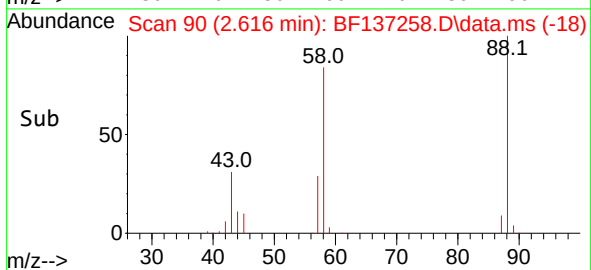
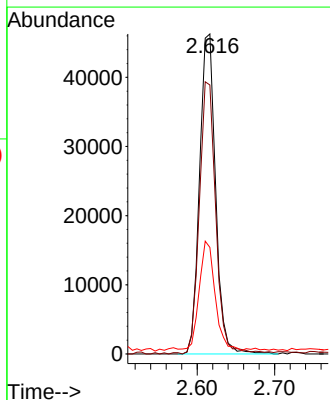
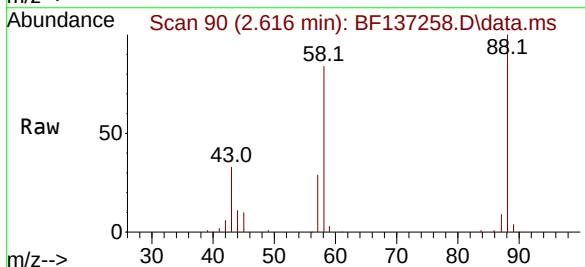
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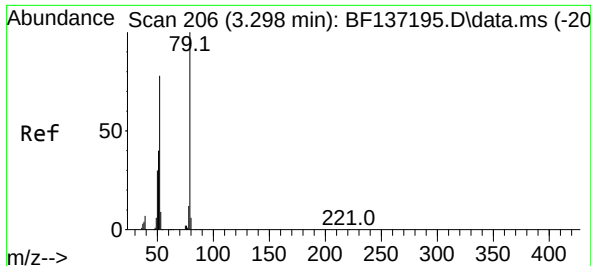
Tgt Ion:152 Resp: 53741
 Ion Ratio Lower Upper
 152 100
 150 159.0 129.8 194.8
 115 69.0 58.5 87.7



#2
 1,4-Dioxane
 Concen: 38.118 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.071 min
 Lab File: BF137258.D
 Acq: 02 Feb 2024 16:47

Tgt Ion: 88 Resp: 66427
 Ion Ratio Lower Upper
 88 100
 58 87.7 67.8 101.8
 43 34.1 26.6 40.0

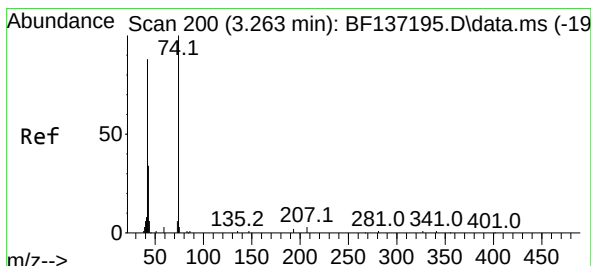
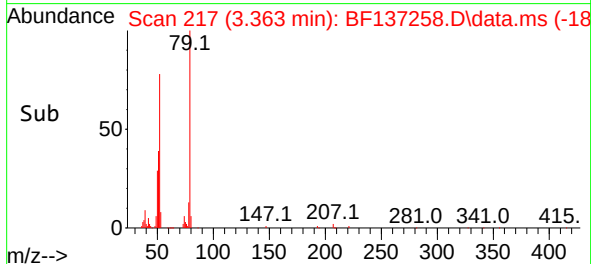
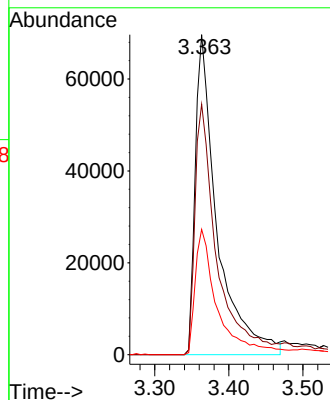
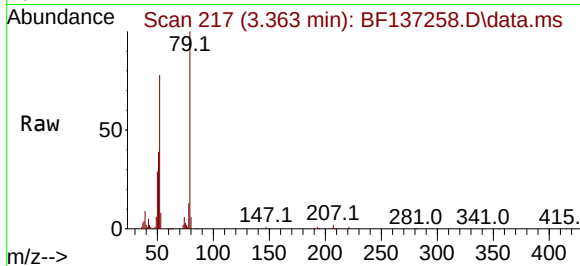




#3
Pyridine
Concen: 40.739 ng
RT: 3.363 min Scan# 211
Delta R.T. 0.065 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

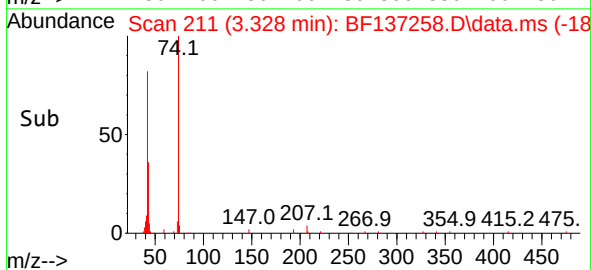
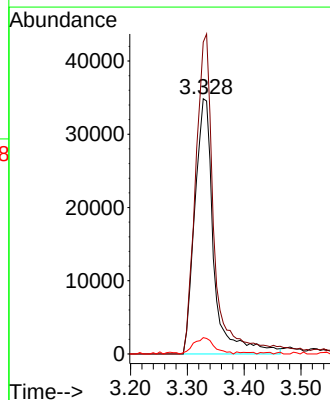
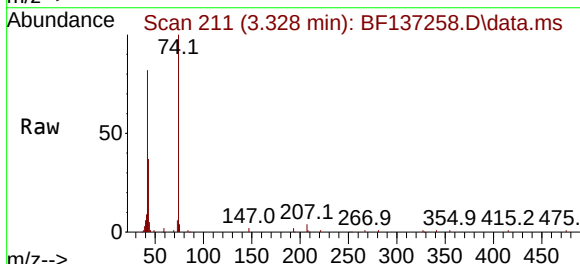
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BNA_F
ClientSampleId :
TP-3MSD

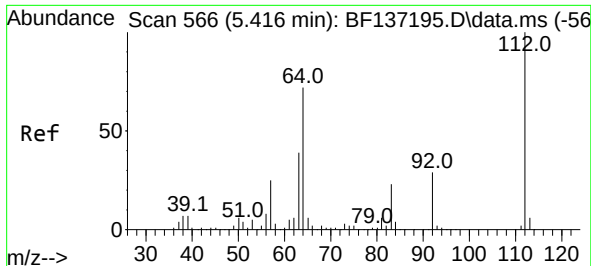
Tgt Ion: 79 Resp: 142006
Ion Ratio Lower Upper
79 100
52 78.3 62.6 94.0
51 39.2 33.0 49.4



#4
n-Nitrosodimethylamine
Concen: 45.864 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.065 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion: 42 Resp: 80904
Ion Ratio Lower Upper
42 100
74 122.2 90.5 135.7
44 6.4 6.1 9.1

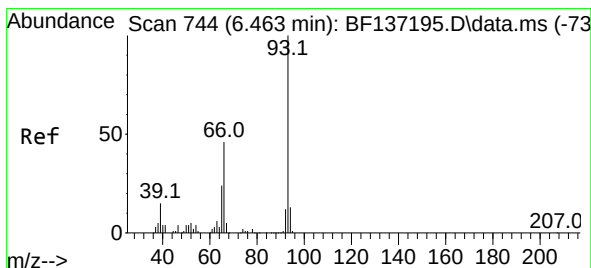
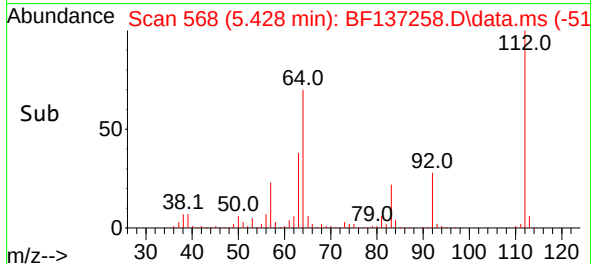
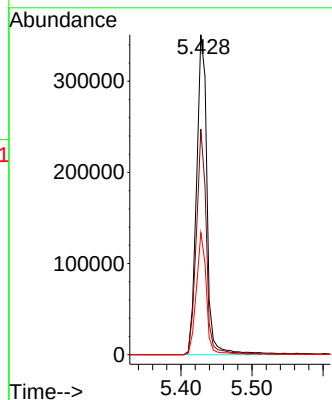
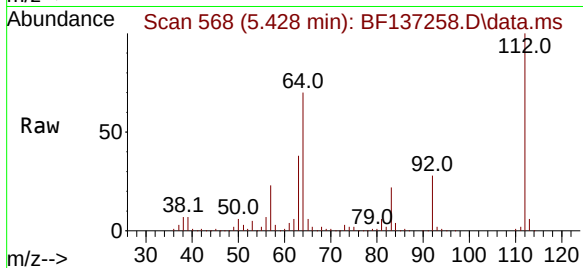




#5
2-Fluorophenol
Concen: 111.713 ng
RT: 5.428 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

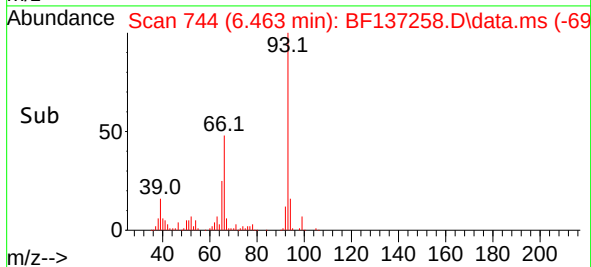
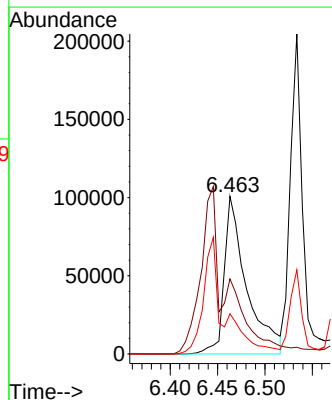
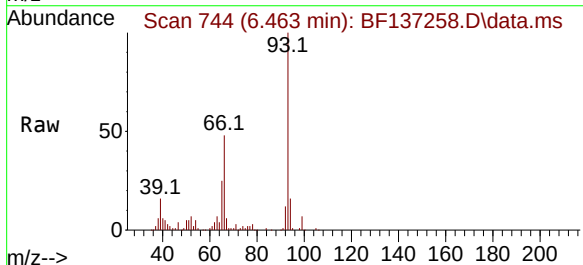
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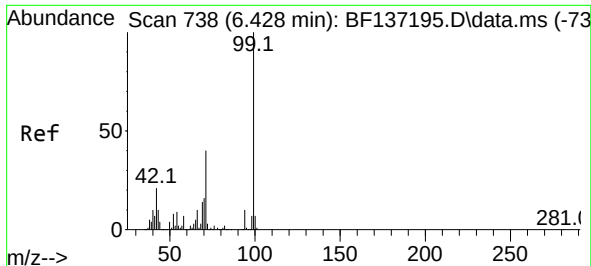
Tgt Ion:112 Resp: 363834
Ion Ratio Lower Upper
112 100
64 70.5 57.8 86.6
63 38.1 31.4 47.0



#6
Aniline
Concen: 33.342 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion: 93 Resp: 165894
Ion Ratio Lower Upper
93 100
66 47.7 37.9 56.9
65 25.5 19.0 28.4

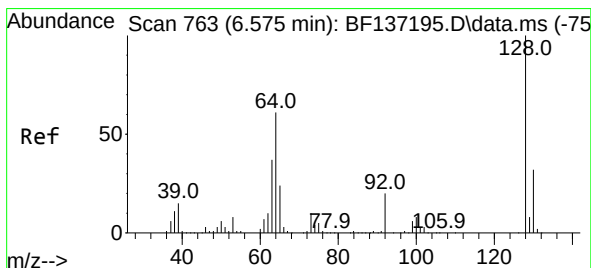
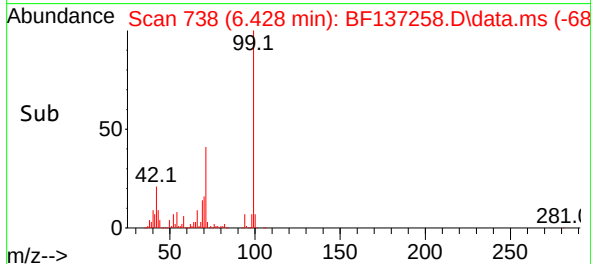
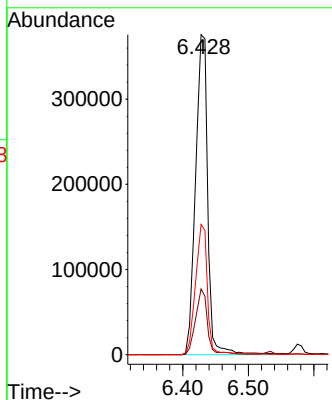
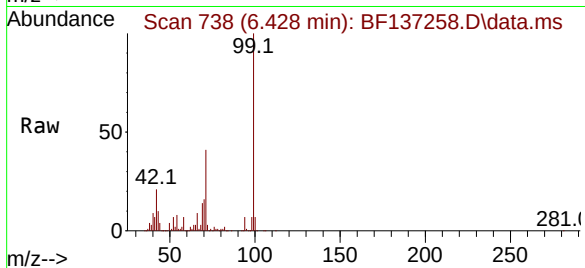




#7
Phenol-d6
Concen: 104.850 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

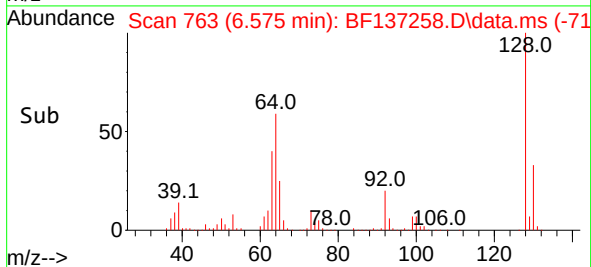
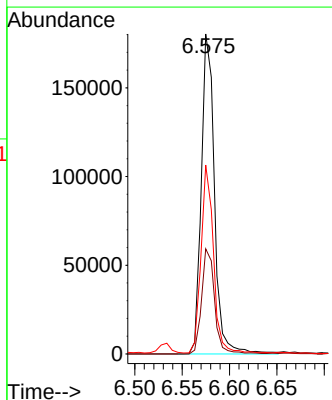
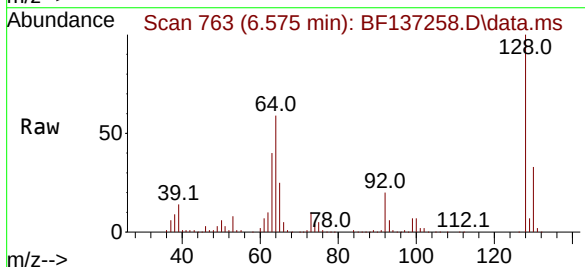
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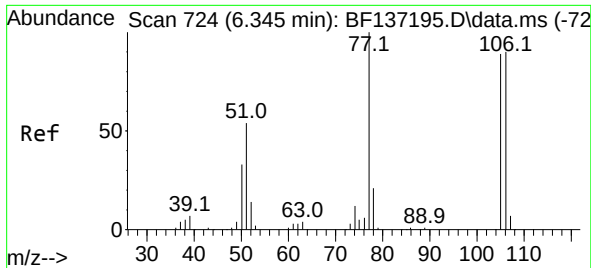
Tgt Ion: 99 Resp: 487330
Ion Ratio Lower Upper
99 100
42 20.5 16.4 24.6
71 40.7 32.4 48.6



#8
2-Chlorophenol
Concen: 47.860 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion: 128 Resp: 174286
Ion Ratio Lower Upper
128 100
130 32.8 12.4 52.4
64 59.1 41.6 81.6





#9

Benzaldehyde

Concen: 28.756 ng

RT: 6.345 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

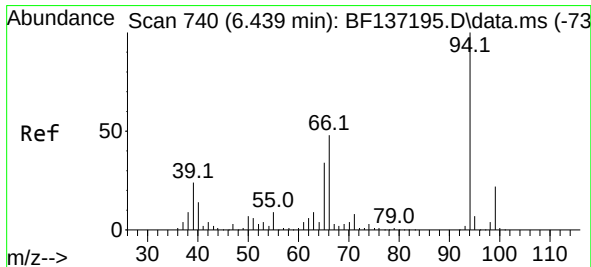
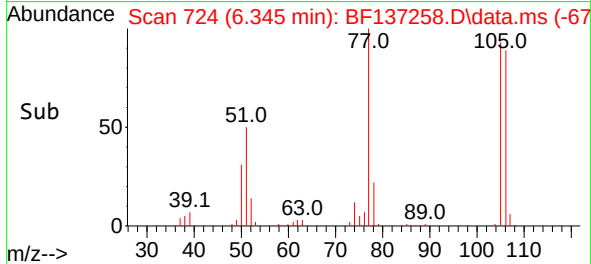
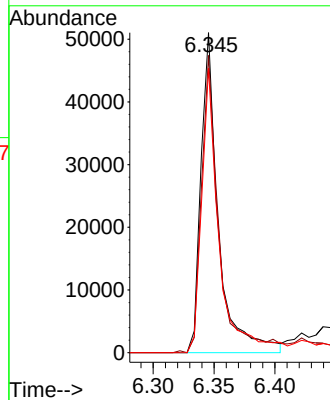
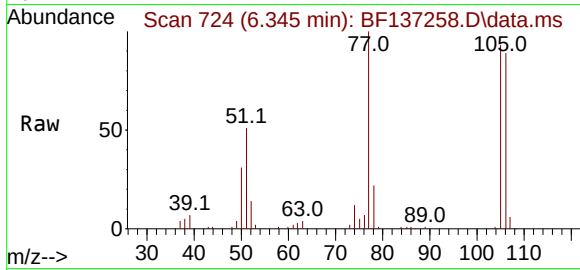
Tgt Ion: 77 Resp: 50900

Ion Ratio Lower Upper

77 100

105 92.9 69.1 109.1

106 88.9 69.6 109.6



#10

Phenol

Concen: 45.463 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

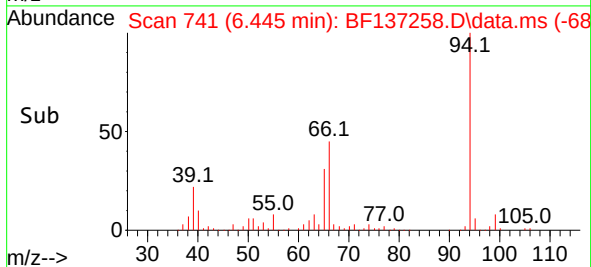
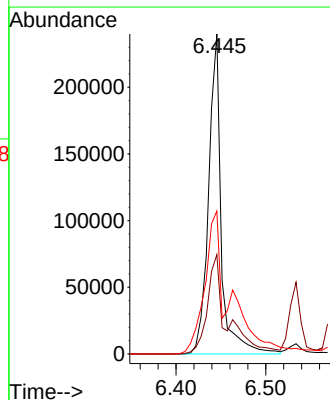
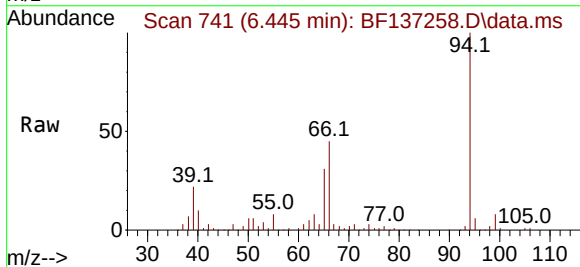
Tgt Ion: 94 Resp: 235863

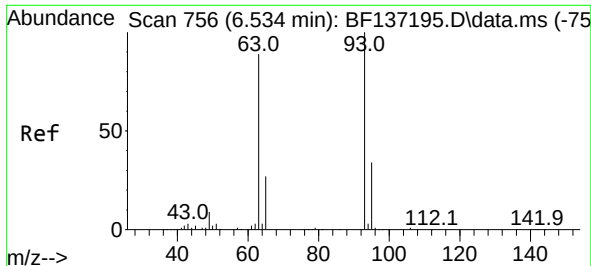
Ion Ratio Lower Upper

94 100

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66 44.6 27.8 67.8

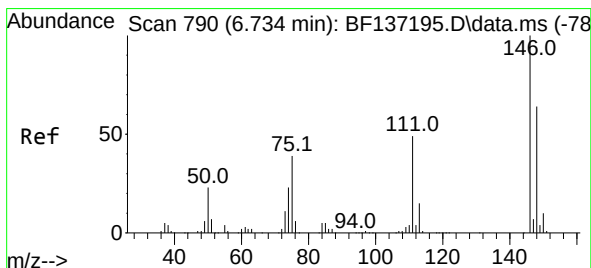
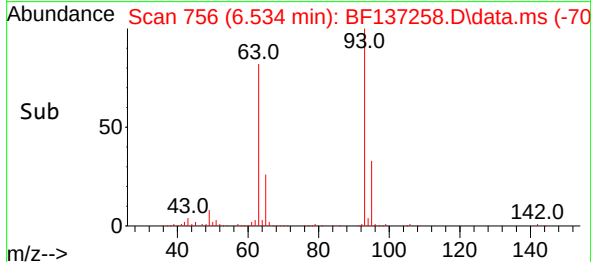
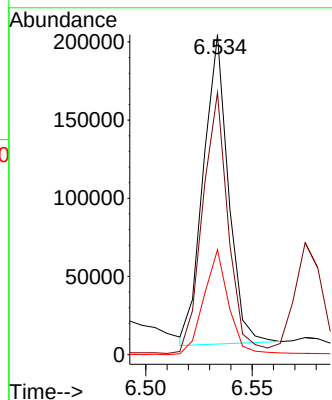
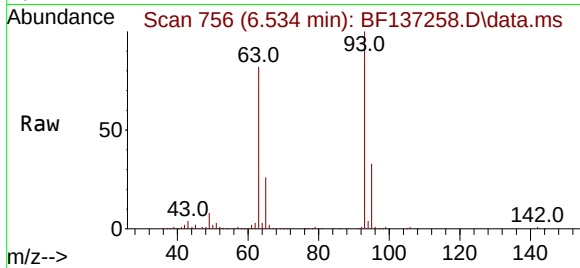




#11
bis(2-Chloroethyl)ether
Concen: 46.781 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

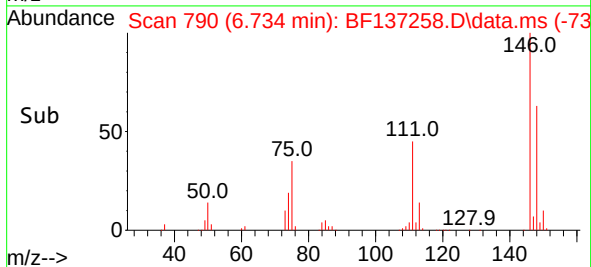
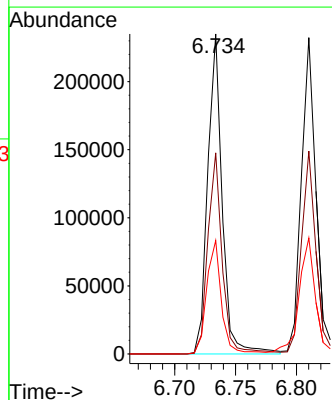
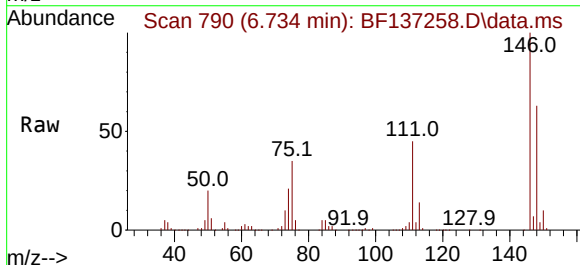
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

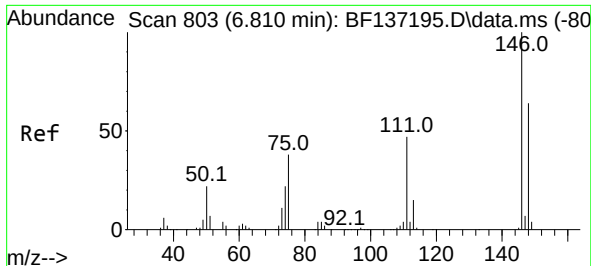
Tgt Ion: 93 Resp: 162195
Ion Ratio Lower Upper
93 100
63 81.9 66.7 106.7
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.606 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion: 146 Resp: 194720
Ion Ratio Lower Upper
146 100
148 62.9 51.4 77.0
75 35.5 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 46.015 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

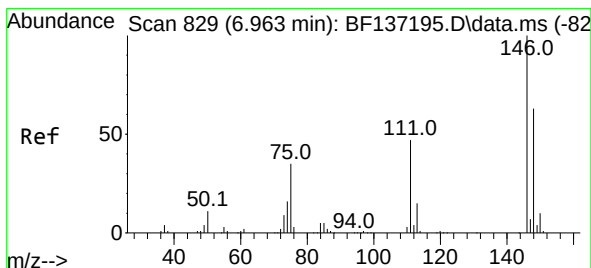
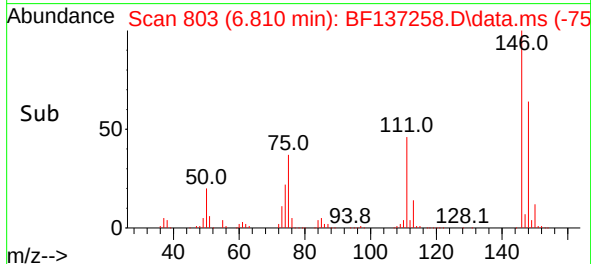
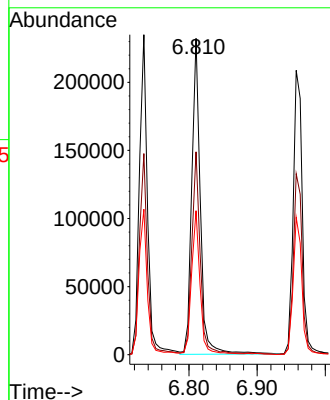
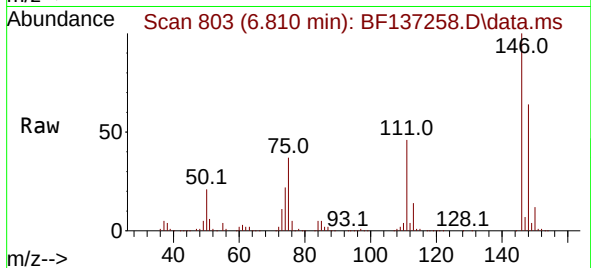
Tgt Ion:146 Resp: 203185

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

111 45.5 38.1 57.1



#14

1,2-Dichlorobenzene

Concen: 46.210 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

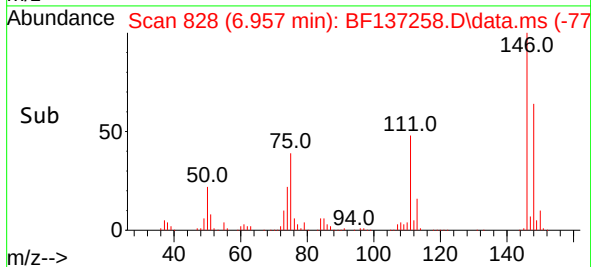
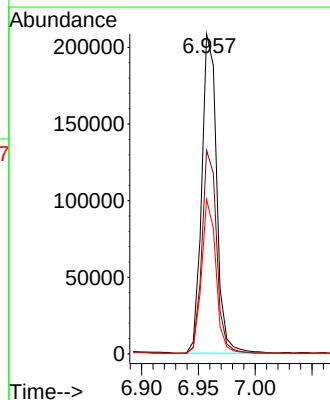
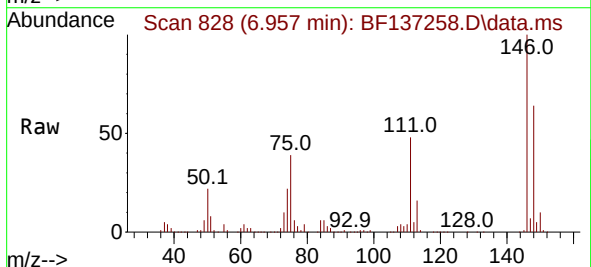
Tgt Ion:146 Resp: 190780

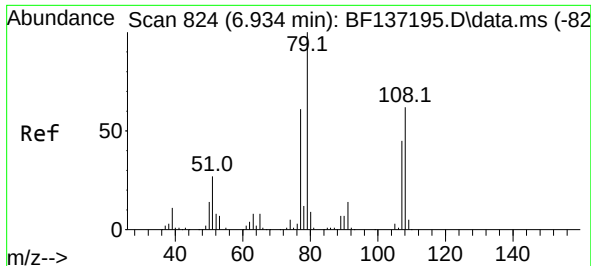
Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

111 48.3 37.3 55.9

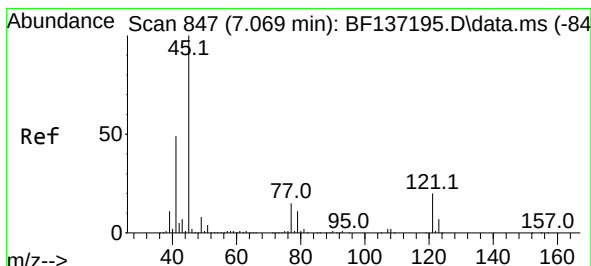
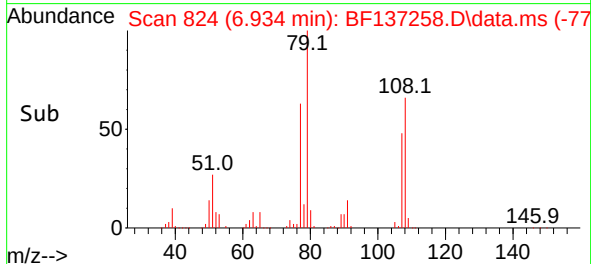
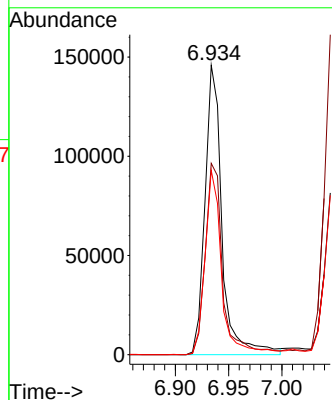
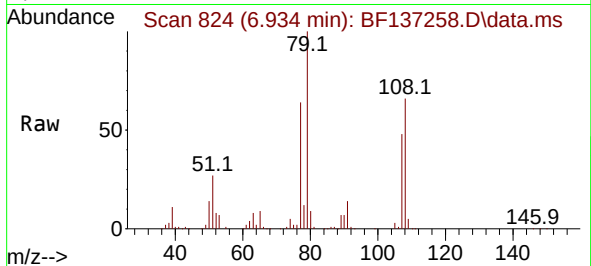




#15
Benzyl Alcohol
Concen: 49.237 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

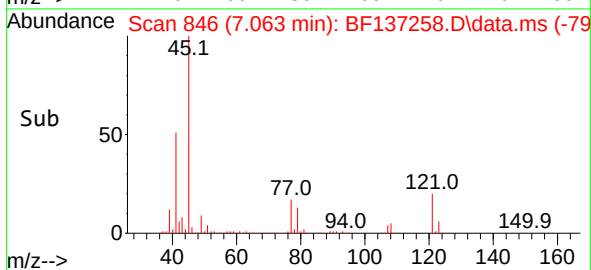
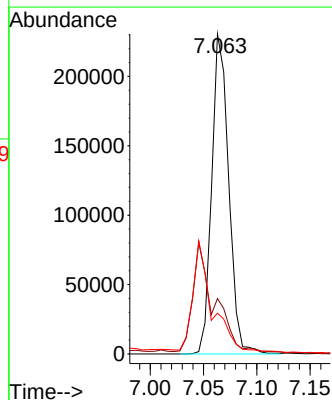
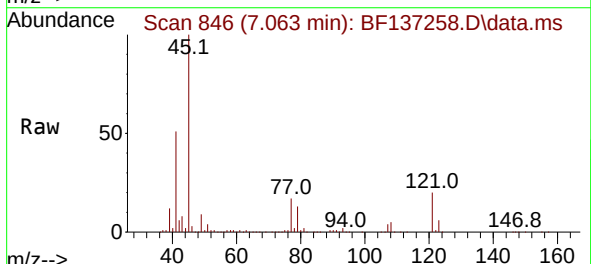
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

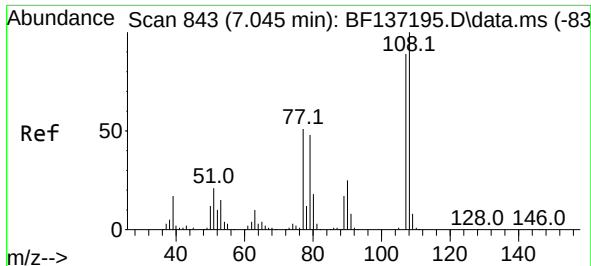
Tgt Ion: 79 Resp: 162585
Ion Ratio Lower Upper
79 100
108 66.1 49.3 73.9
77 63.7 48.8 73.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.851 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion: 45 Resp: 255136
Ion Ratio Lower Upper
45 100
77 17.3 0.0 35.9
79 12.8 0.0 32.4

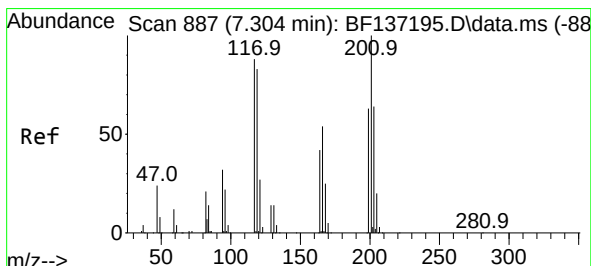
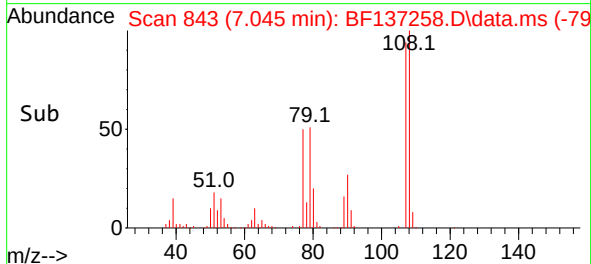
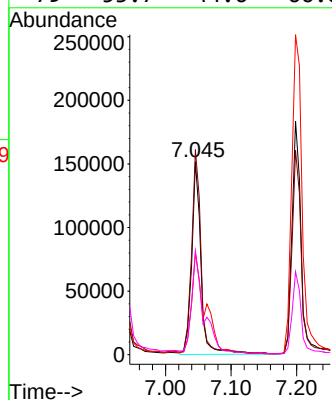
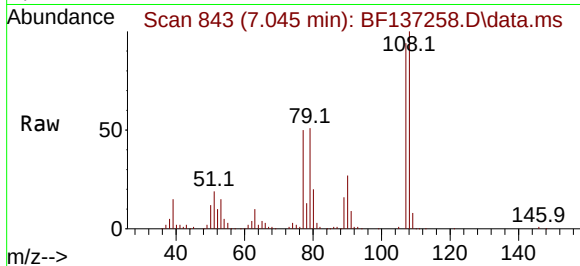




#17
2-Methylphenol
Concen: 49.179 ng
RT: 7.045 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

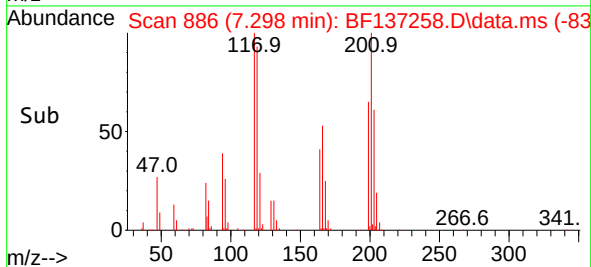
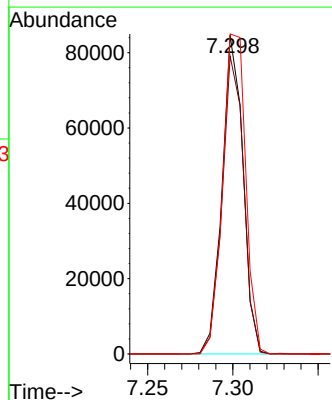
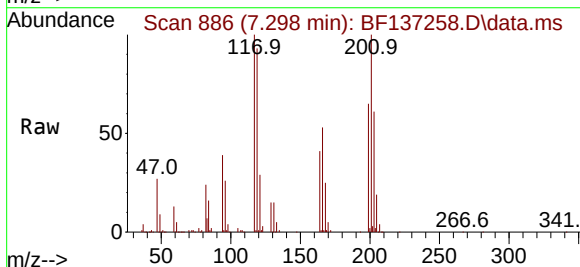
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

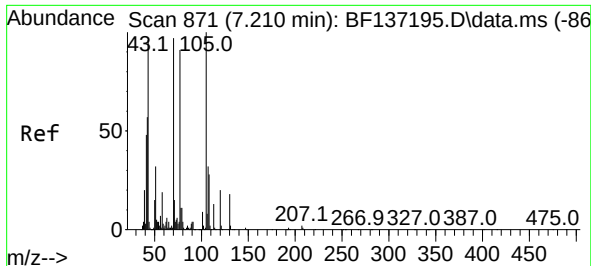
Tgt Ion:	107	Resp:	149617
Ion	Ratio	Lower	Upper
107	100		
108	106.3	89.9	134.9
77	52.9	46.6	69.8
79	53.7	44.6	66.8



#18
Hexachloroethane
Concen: 45.396 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:	117	Resp:	72296
Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.2	114.4
201	100.5	91.4	137.0



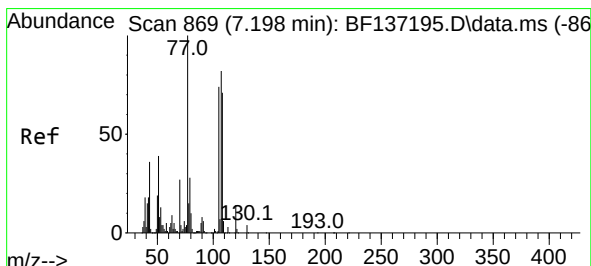
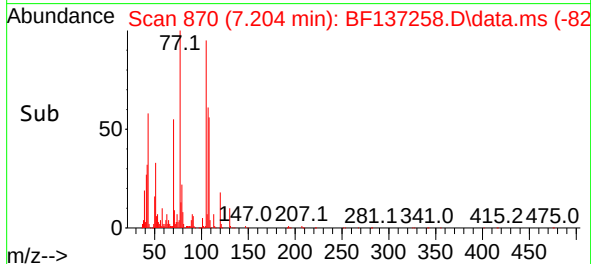
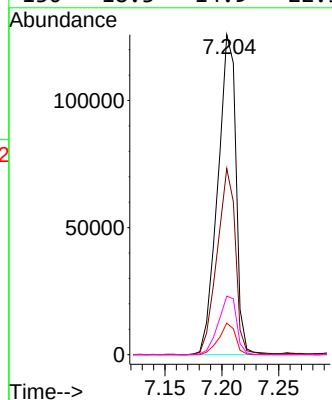
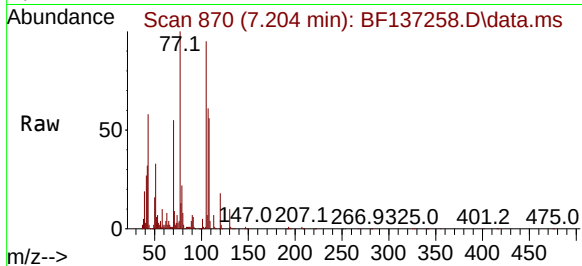


#19
n-Nitroso-di-n-propylamine
Concen: 44.294 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 70 Resp: 141158

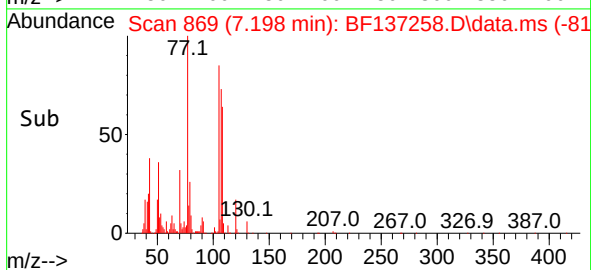
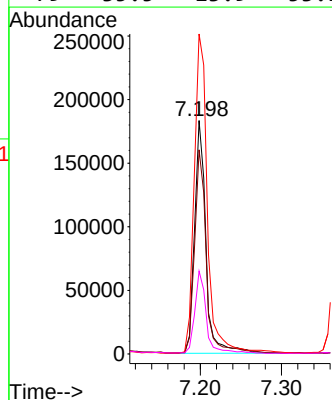
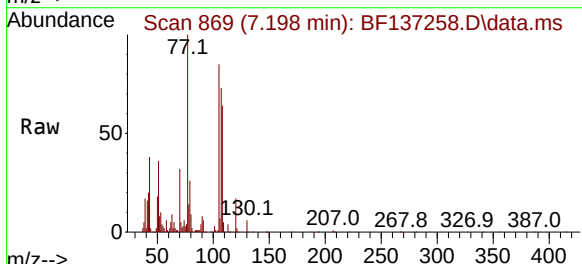
Ion	Ratio	Lower	Upper
70	100		
42	58.2	47.2	70.8
101	9.9	7.4	11.0
130	18.3	14.9	22.3

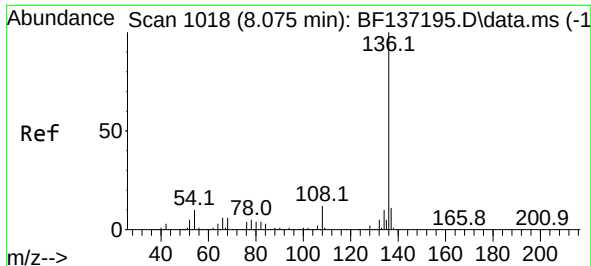


#20
3+4-Methylphenols
Concen: 46.761 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion: 107 Resp: 180091

Ion	Ratio	Lower	Upper
107	100		
108	87.5	66.3	106.3
77	137.1	101.4	141.4
79	35.5	13.9	53.9

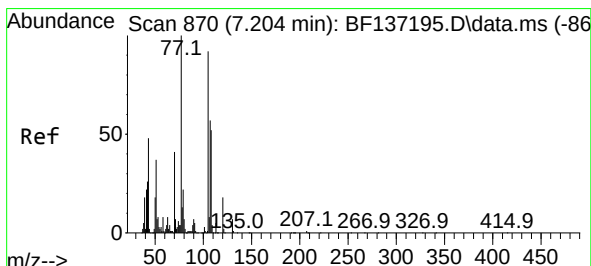
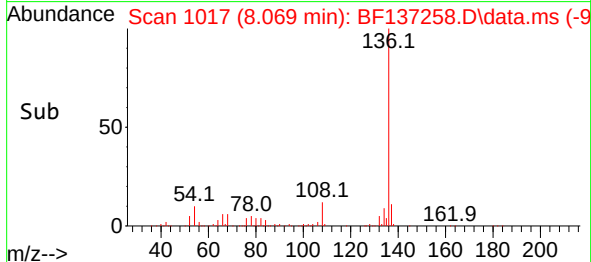
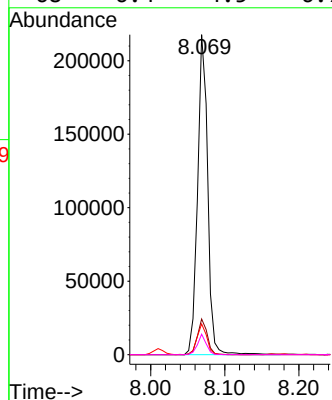
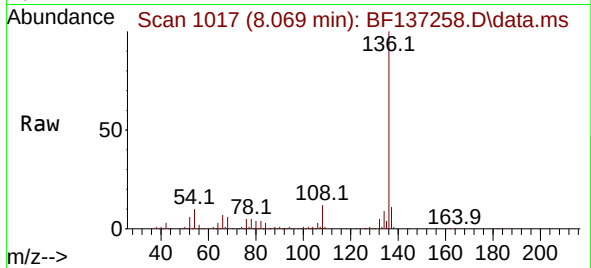




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

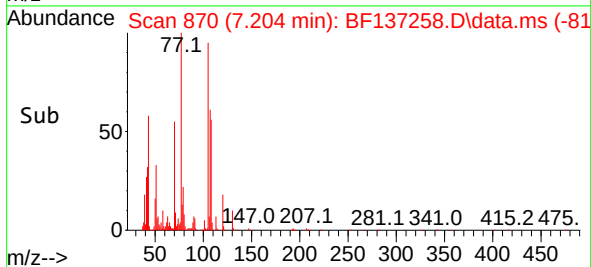
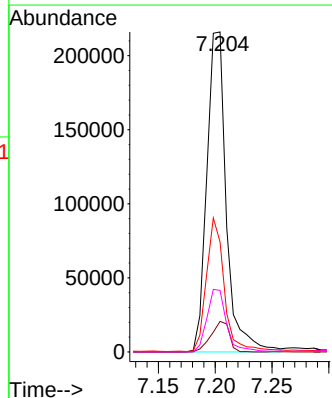
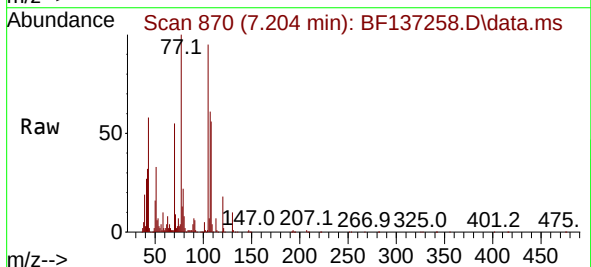
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

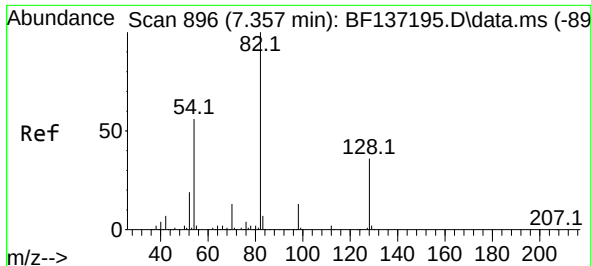
Tgt Ion:136 Resp: 206002
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.6 7.8 11.8
68 6.4 4.5 6.7



#22
Acetophenone
Concen: 46.424 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:105 Resp: 257463
Ion Ratio Lower Upper
105 100
71 9.5 5.7 8.5#
51 34.4 32.2 48.4
120 19.3 15.9 23.9

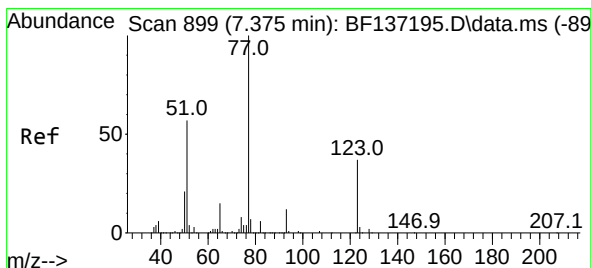
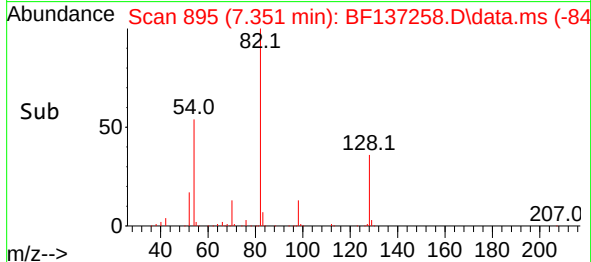
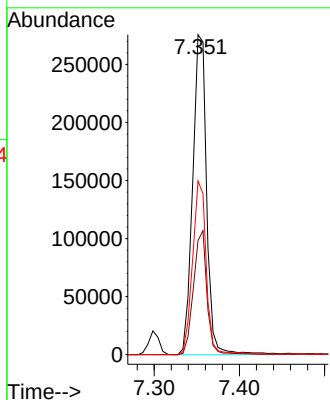
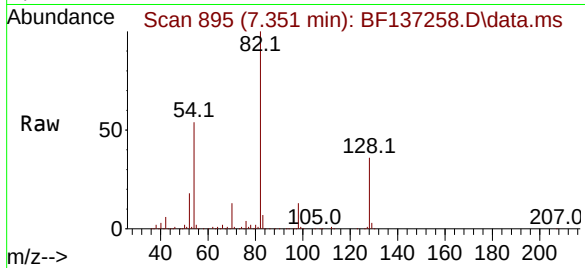




#23
Nitrobenzene-d5
Concen: 68.441 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

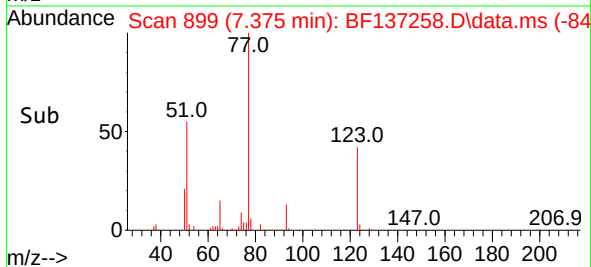
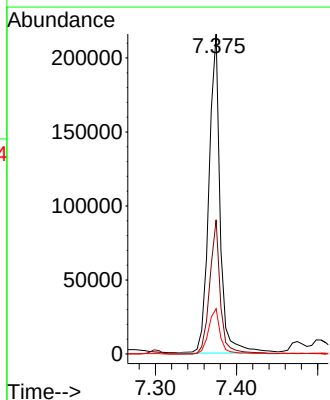
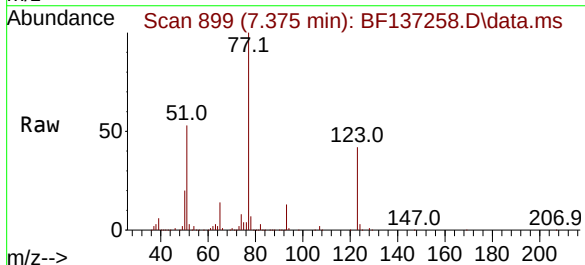
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

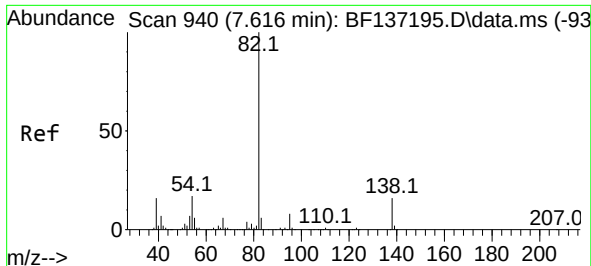
Tgt Ion: 82 Resp: 314909
Ion Ratio Lower Upper
82 100
128 35.7 29.1 43.7
54 54.3 45.0 67.6



#24
Nitrobenzene
Concen: 46.394 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion: 77 Resp: 207191
Ion Ratio Lower Upper
77 100
123 42.0 29.3 43.9
65 14.2 12.0 18.0

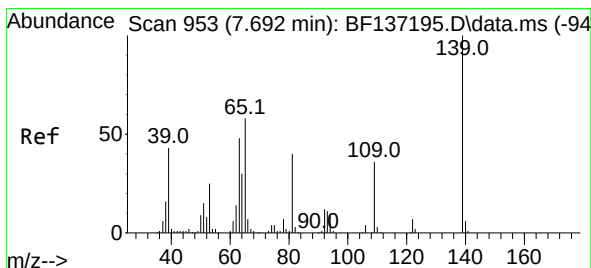
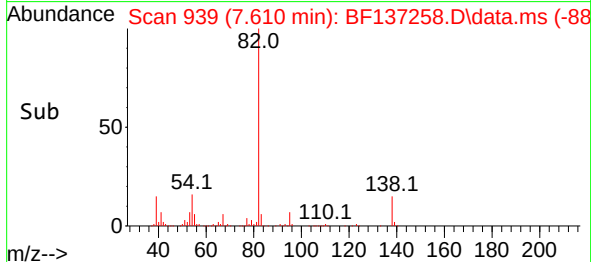
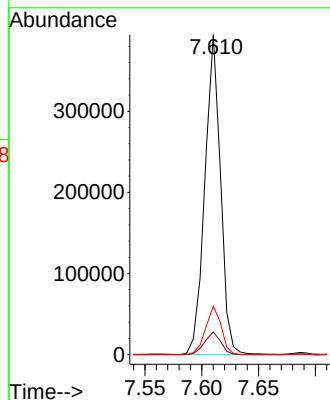
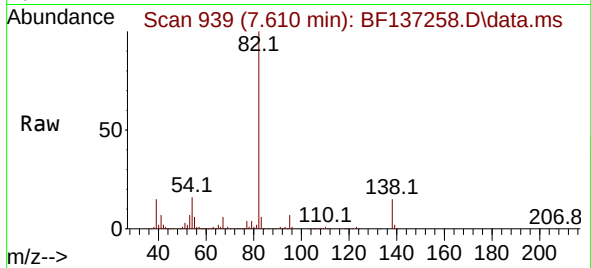




#25
Isophorone
Concen: 44.453 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

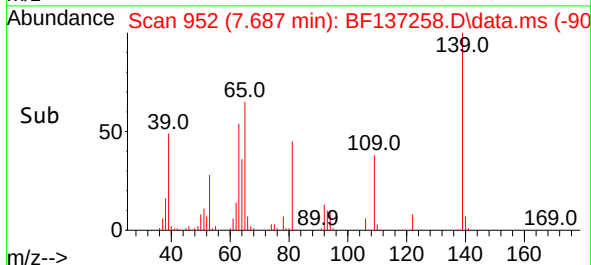
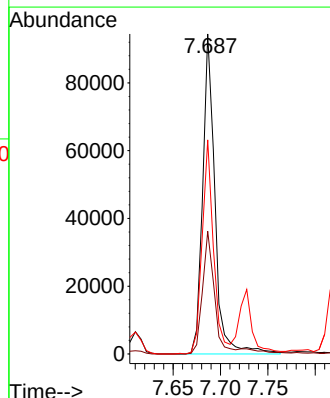
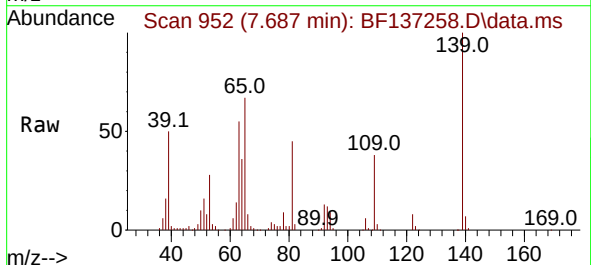
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

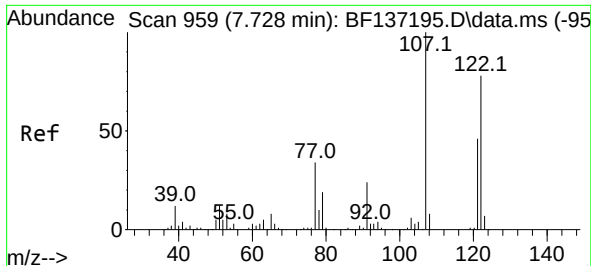
Tgt Ion: 82 Resp: 377537
Ion Ratio Lower Upper
82 100
95 7.1 6.4 9.6
138 15.2 12.7 19.1



#26
2-Nitrophenol
Concen: 49.206 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.005 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion: 139 Resp: 85186
Ion Ratio Lower Upper
139 100
109 38.3 28.5 42.7
65 66.9 46.7 70.1

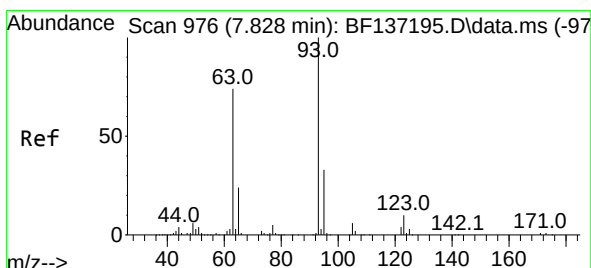
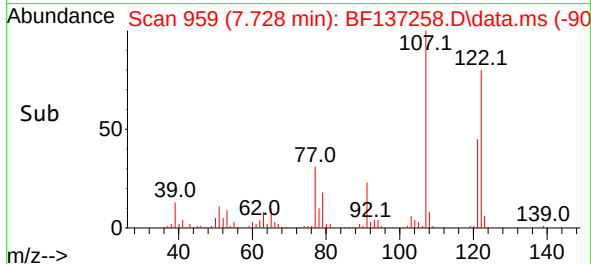
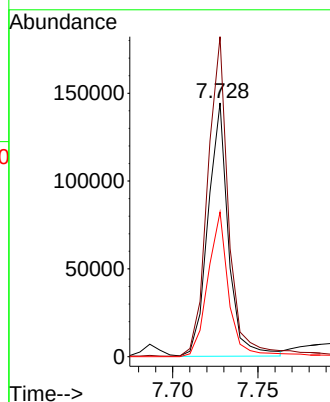
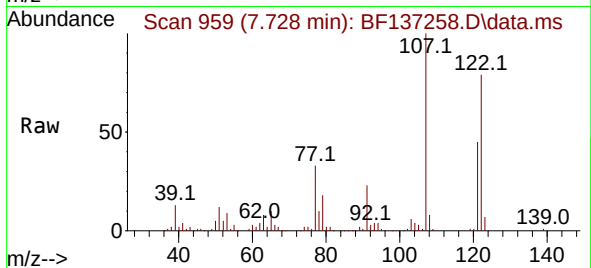




#27
2,4-Dimethylphenol
Concen: 49.440 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

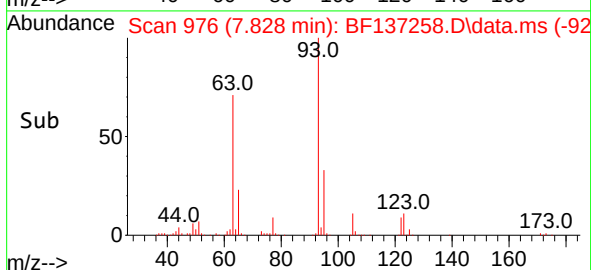
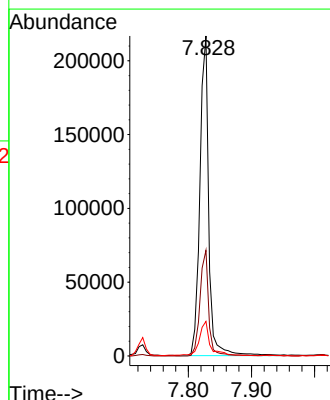
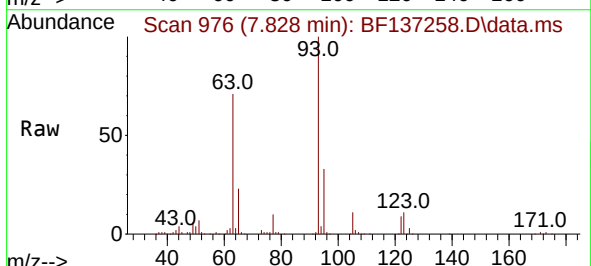
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

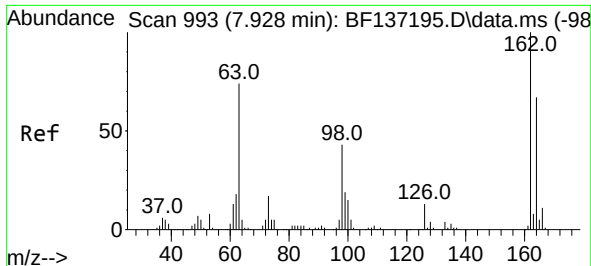
Tgt Ion:122 Resp: 120016
Ion Ratio Lower Upper
122 100
107 126.1 101.8 152.6
121 57.0 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.512 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion: 93 Resp: 209770
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 10.8 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 47.748 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

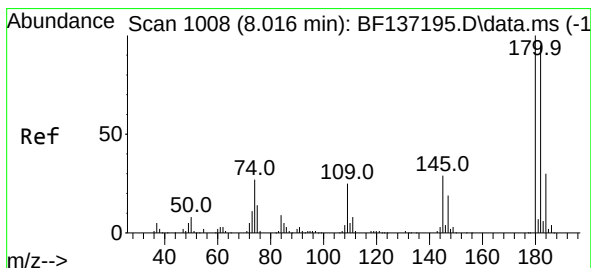
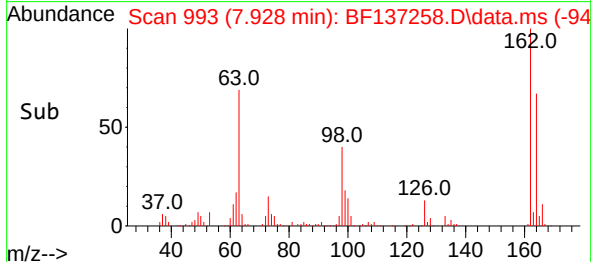
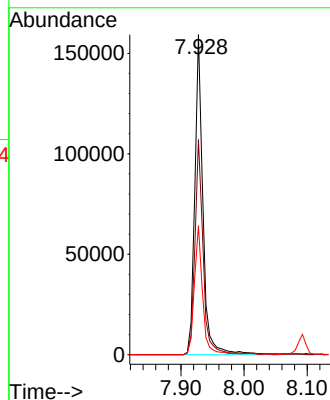
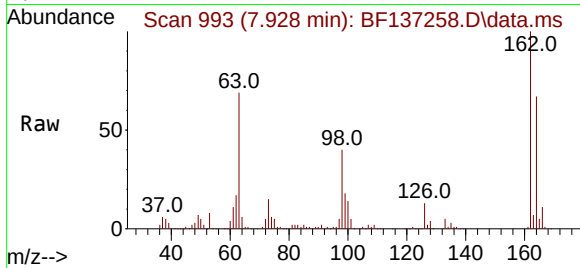
Tgt Ion:162 Resp: 143791

Ion Ratio Lower Upper

162 100

164 67.2 46.7 86.7

98 40.3 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 45.603 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

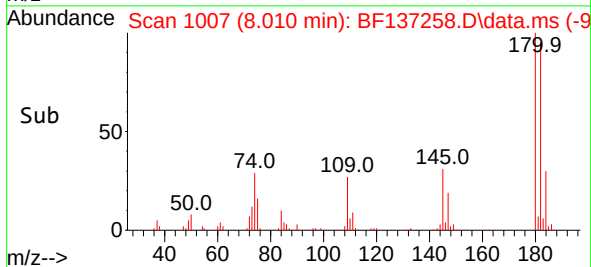
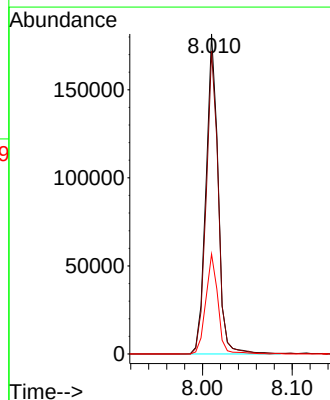
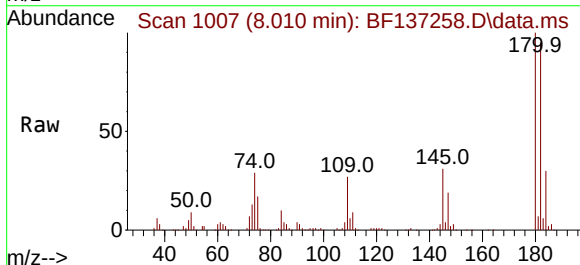
Tgt Ion:180 Resp: 170584

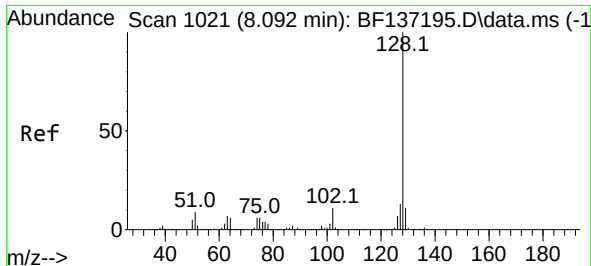
Ion Ratio Lower Upper

180 100

182 94.6 75.9 113.9

145 31.2 23.2 34.8

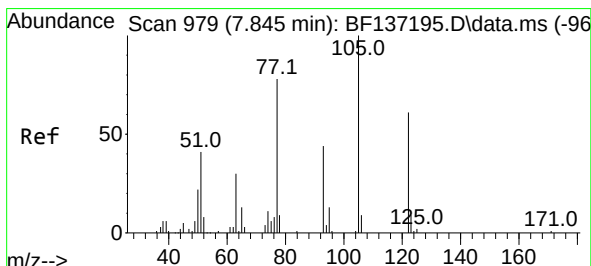
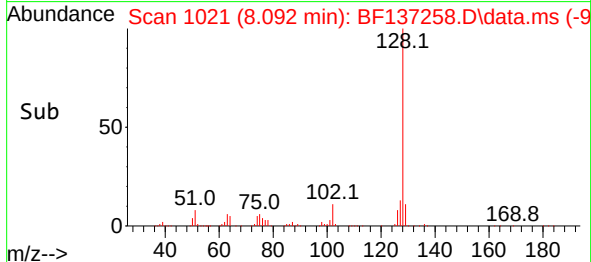
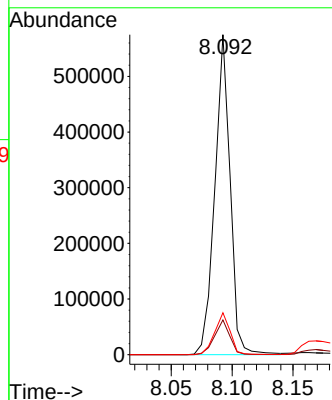
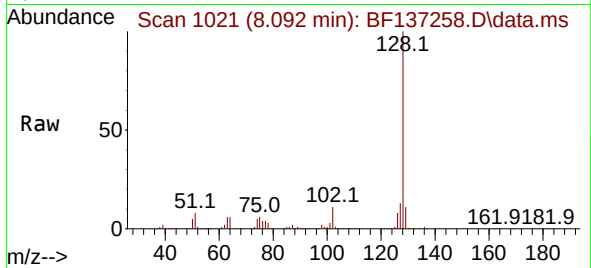




#31
Naphthalene
Concen: 45.165 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

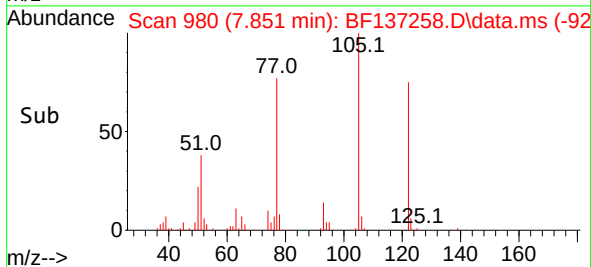
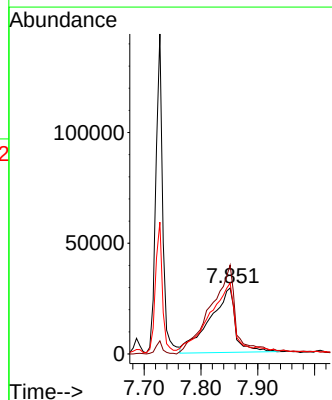
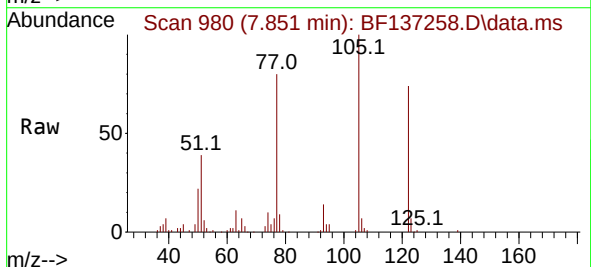
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

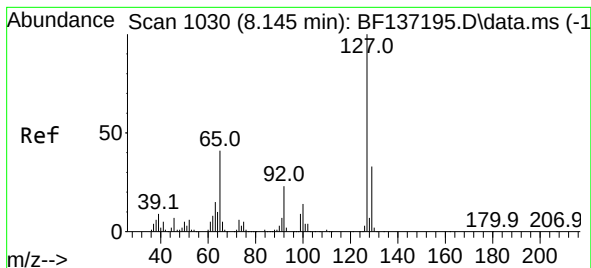
Tgt Ion:128 Resp: 502995
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 52.507 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:122 Resp: 91632
Ion Ratio Lower Upper
122 100
105 135.0 122.5 162.5
77 107.6 96.4 136.4





#33

4-Chloroaniline

Concen: 14.878 ng

RT: 8.169 min Scan# 1030

Delta R.T. 0.024 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:127 Resp: 56993

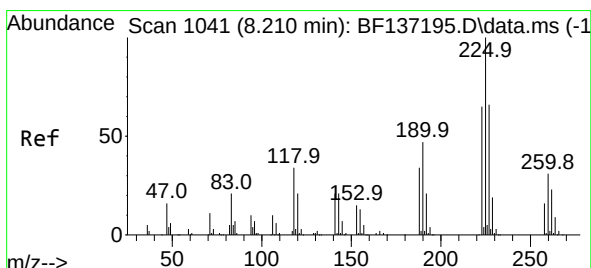
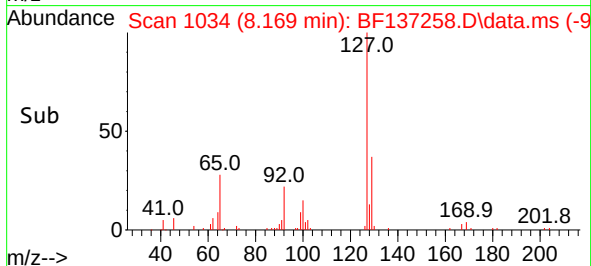
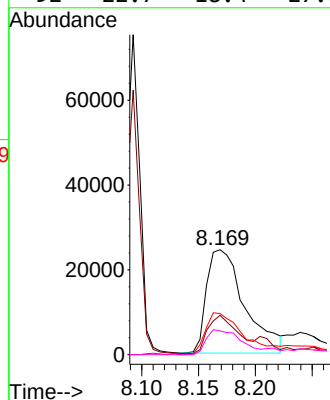
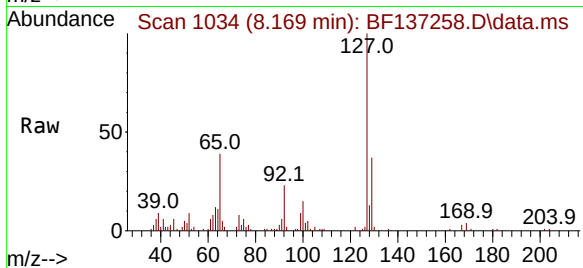
Ion Ratio Lower Upper

127 100

129 37.4 26.8 40.2

65 39.1 32.9 49.3

92 22.7 18.4 27.6



#34

Hexachlorobutadiene

Concen: 46.472 ng

RT: 8.210 min Scan# 1041

Delta R.T. 0.000 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

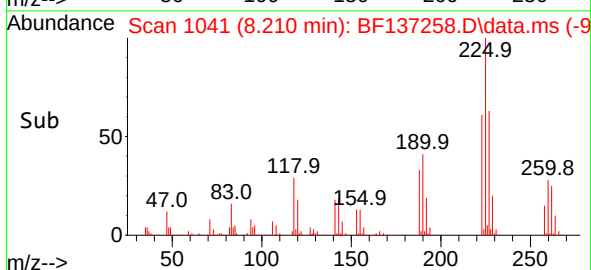
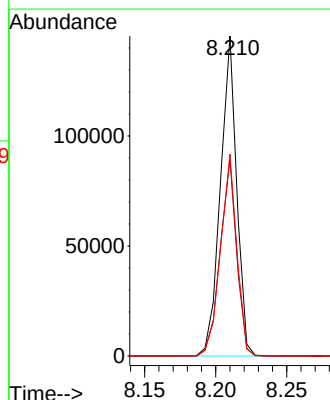
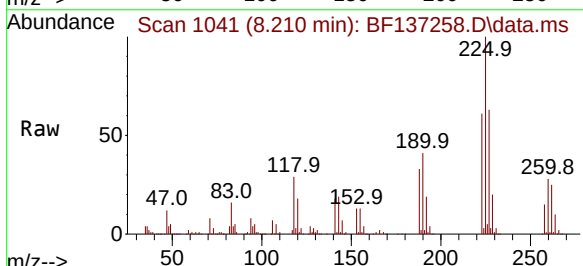
Tgt Ion:225 Resp: 115585

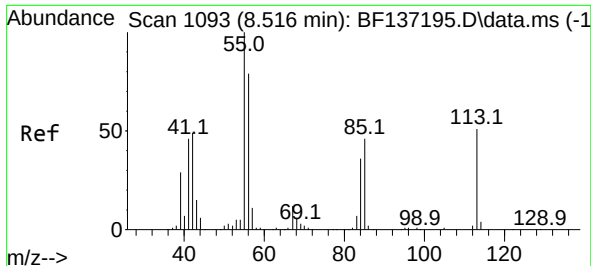
Ion Ratio Lower Upper

225 100

223 61.4 52.0 78.0

227 63.0 52.9 79.3

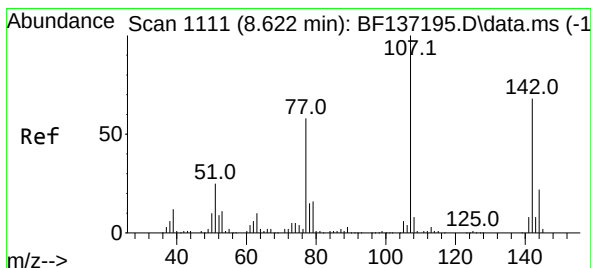
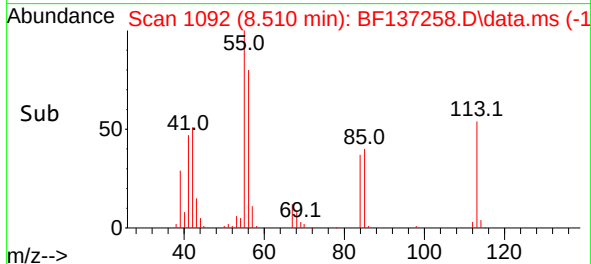
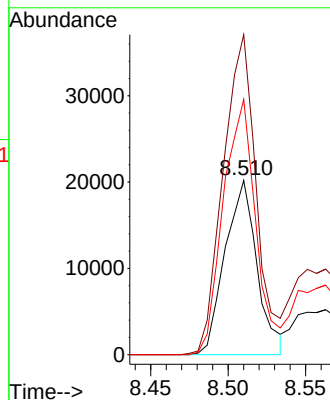
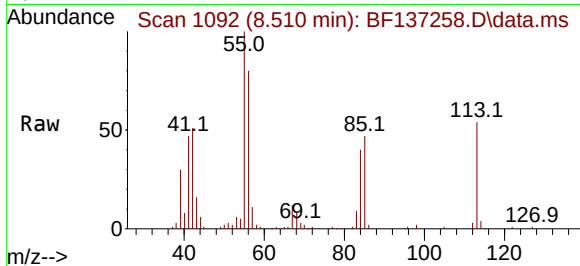




#35
 Caprolactam
 Concen: 30.974 ng
 RT: 8.510 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF137258.D
 Acq: 02 Feb 2024 16:47

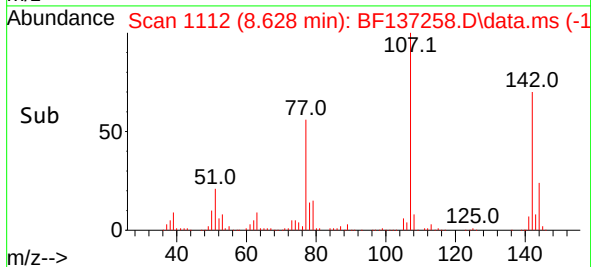
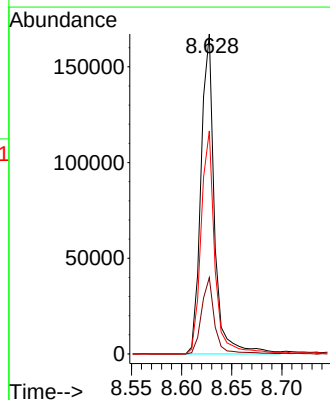
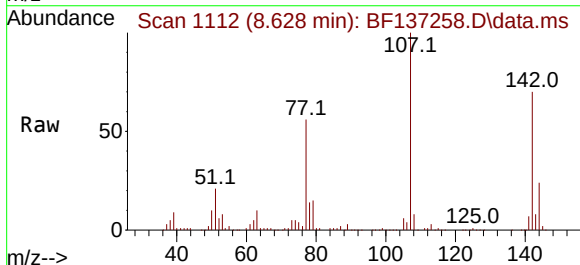
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

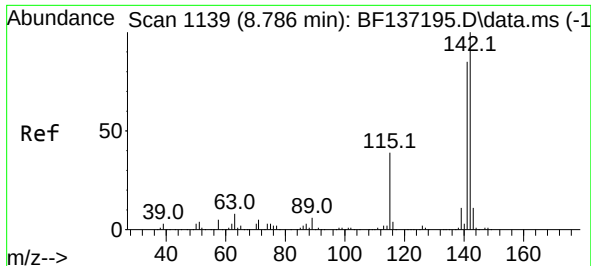
Tgt Ion:113 Resp: 29004
 Ion Ratio Lower Upper
 113 100
 55 183.6 176.0 216.0
 56 146.5 134.0 174.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.444 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF137258.D
 Acq: 02 Feb 2024 16:47

Tgt Ion:107 Resp: 158080
 Ion Ratio Lower Upper
 107 100
 144 23.8 17.2 25.8
 142 69.7 54.6 82.0





#37

2-Methylnaphthalene

Concen: 44.026 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

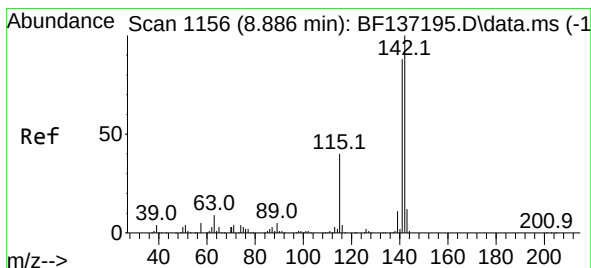
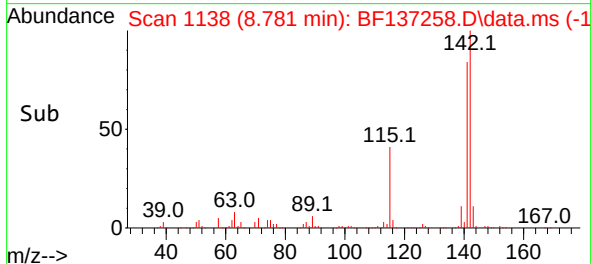
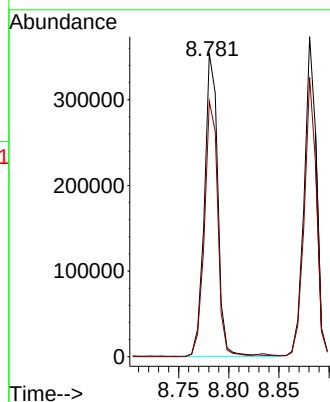
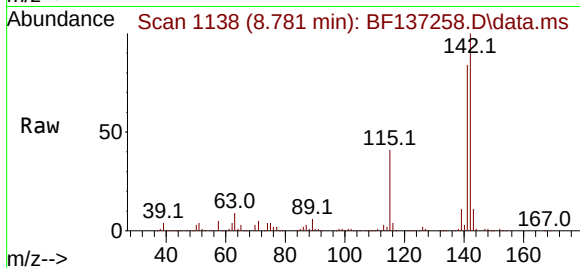
TP-3MSD

Tgt Ion:142 Resp: 328712

Ion Ratio Lower Upper

142 100

141 84.2 67.8 101.8



#38

1-Methylnaphthalene

Concen: 45.476 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137258.D

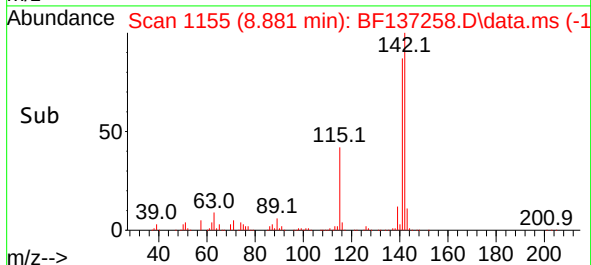
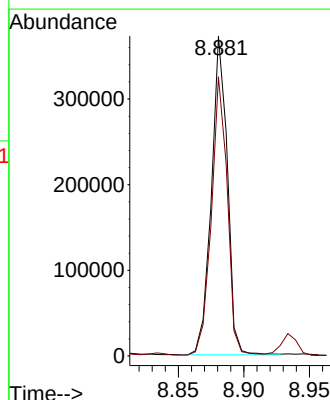
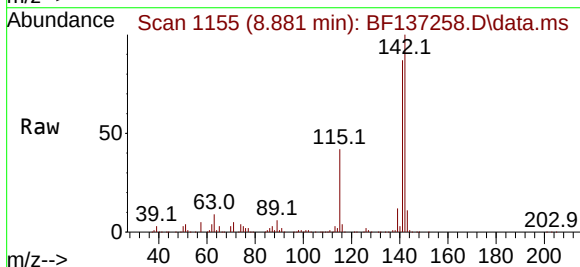
Acq: 02 Feb 2024 16:47

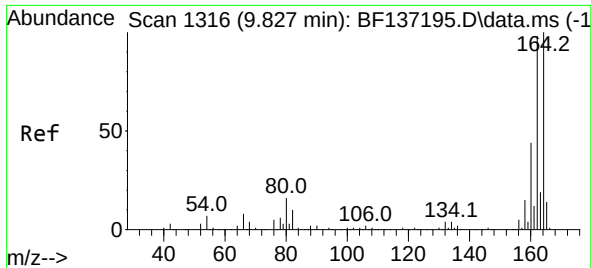
Tgt Ion:142 Resp: 315367

Ion Ratio Lower Upper

142 100

141 87.3 70.6 105.8

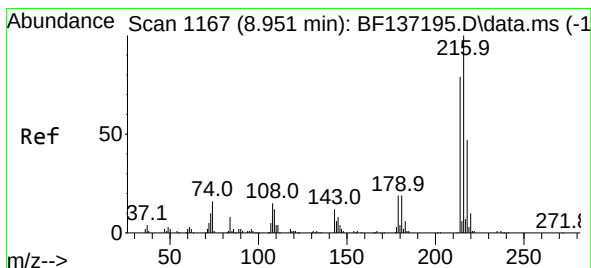
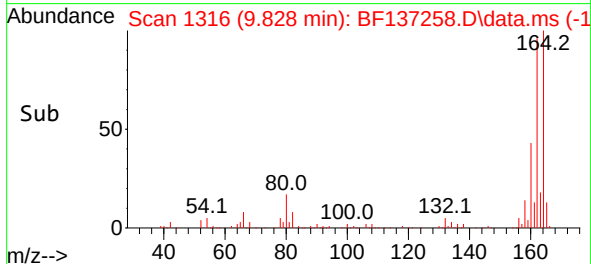
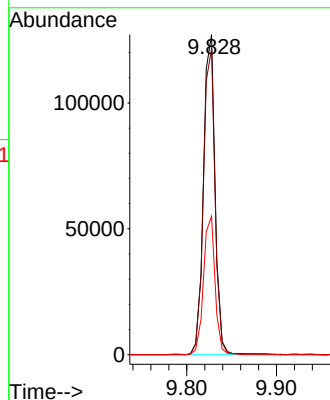
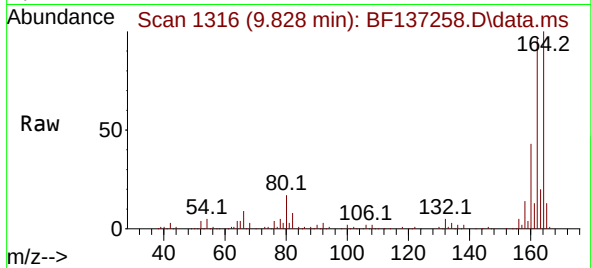




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1116
Delta R.T. 0.001 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

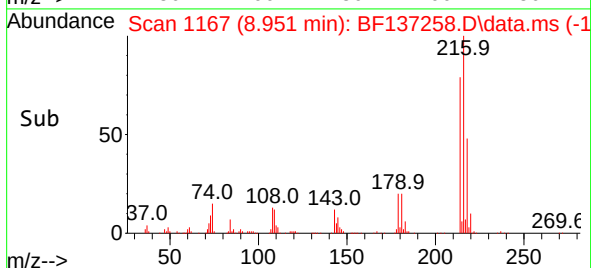
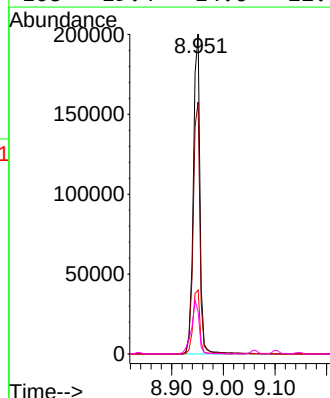
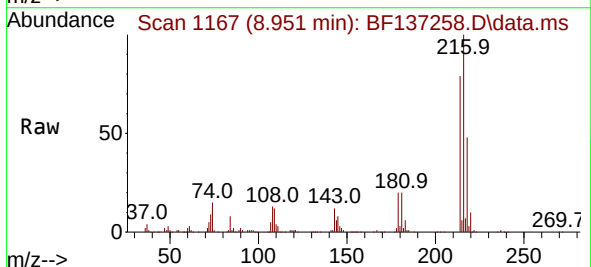
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

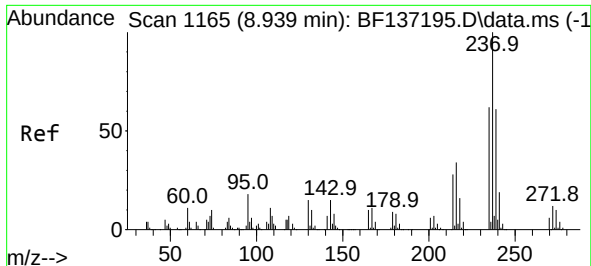
Tgt Ion:164 Resp: 114092
Ion Ratio Lower Upper
164 100
162 95.7 78.3 117.5
160 43.3 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.903 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:216 Resp: 179059
Ion Ratio Lower Upper
216 100
214 79.7 63.9 95.9
179 20.6 16.2 24.2
108 19.4 14.6 22.0

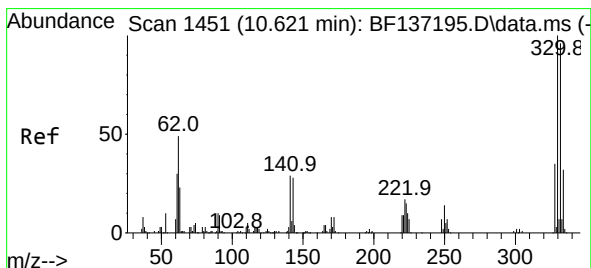
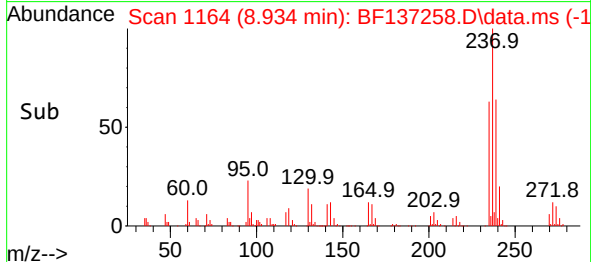
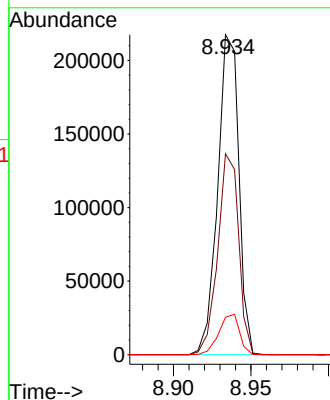
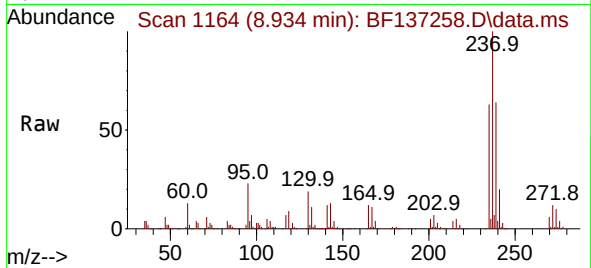




#41
Hexachlorocyclopentadiene
Concen: 113.523 ng
RT: 8.934 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

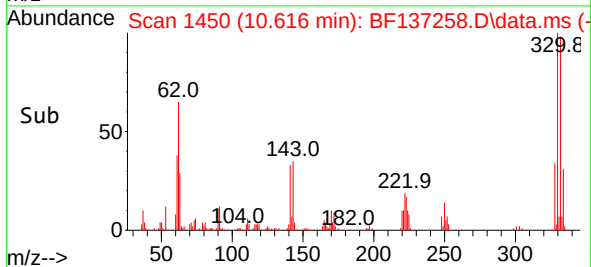
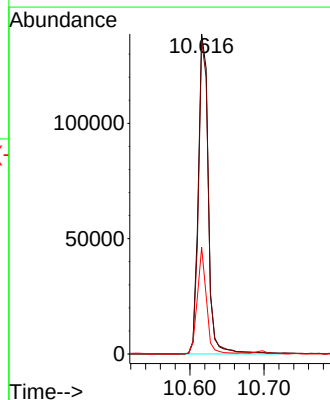
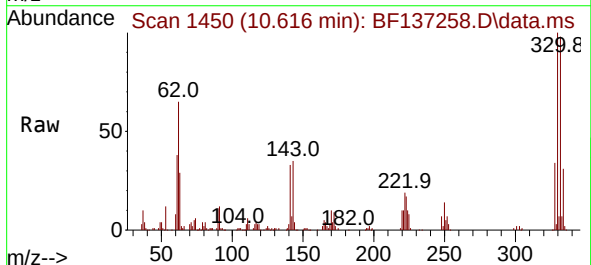
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

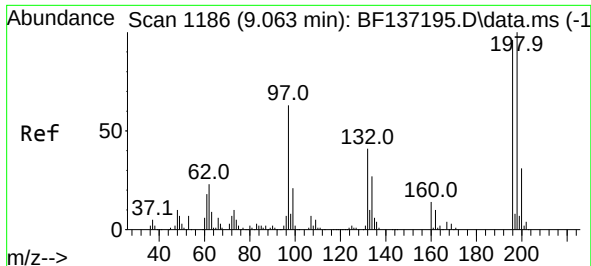
Tgt Ion:237 Resp: 206416
Ion Ratio Lower Upper
237 100
235 62.8 41.6 81.6
272 11.7 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 101.264 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:330 Resp: 130479
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 30.0 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 50.622 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

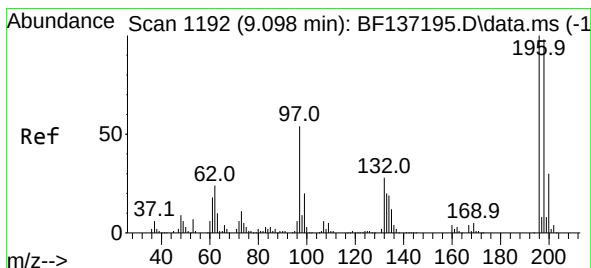
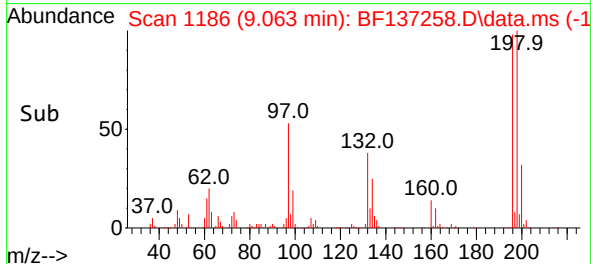
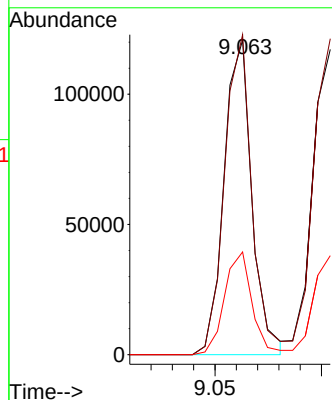
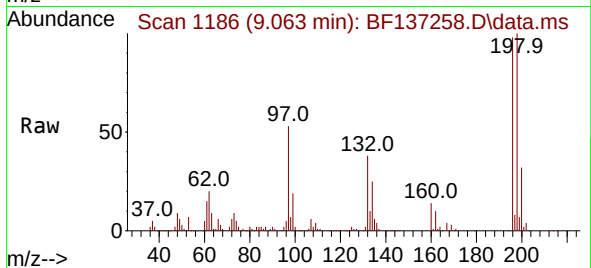
Tgt Ion:196 Resp: 109614

Ion Ratio Lower Upper

196 100

198 101.7 83.0 124.6

200 32.7 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 48.317 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Tgt Ion:196 Resp: 114359

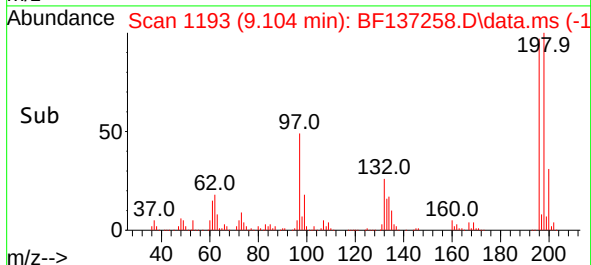
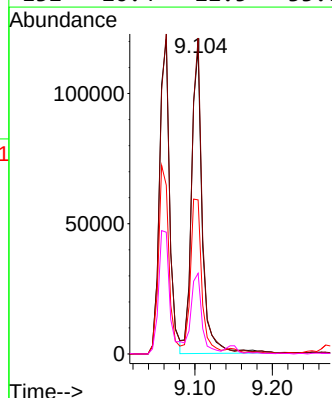
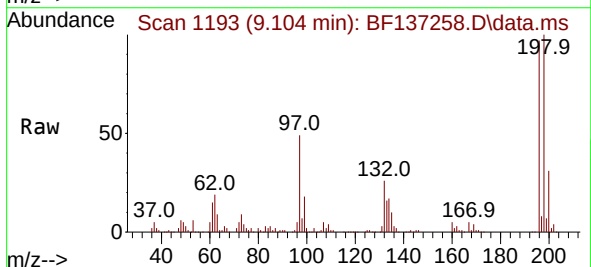
Ion Ratio Lower Upper

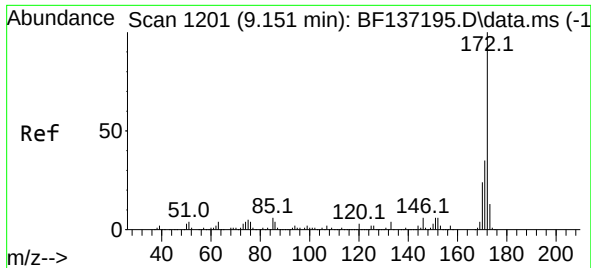
196 100

198 103.5 78.2 117.4

97 50.5 44.2 66.2

132 26.4 22.5 33.7

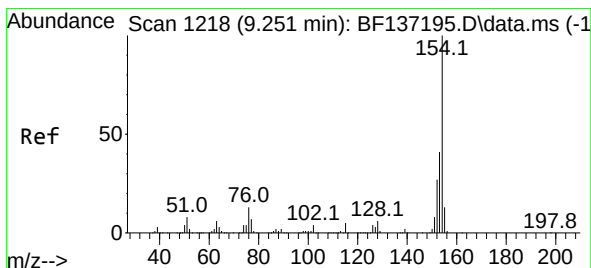
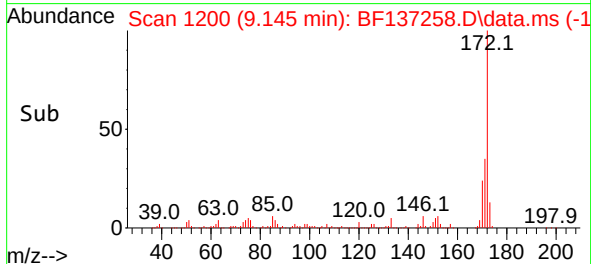
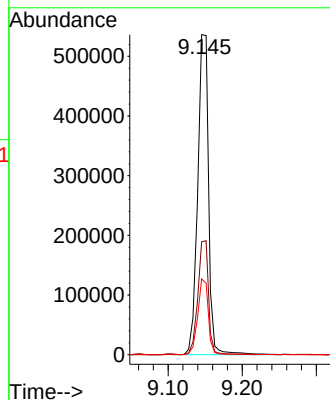
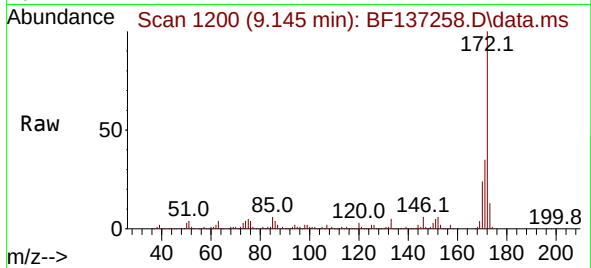




#45
2-Fluorobiphenyl
Concen: 65.898 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

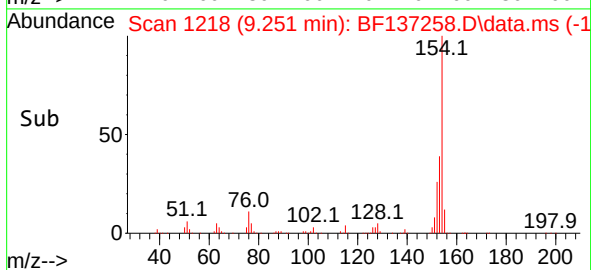
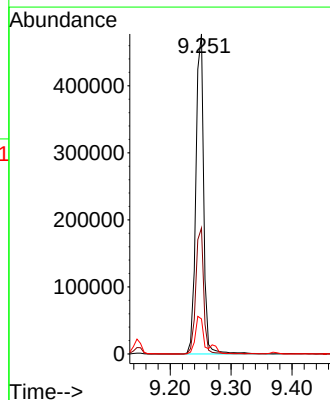
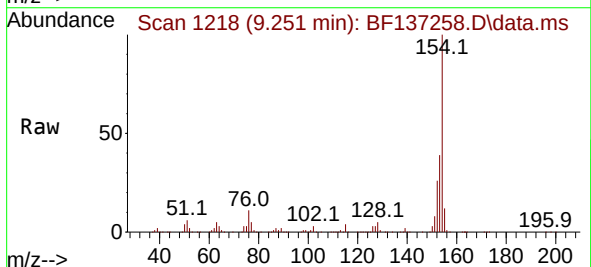
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

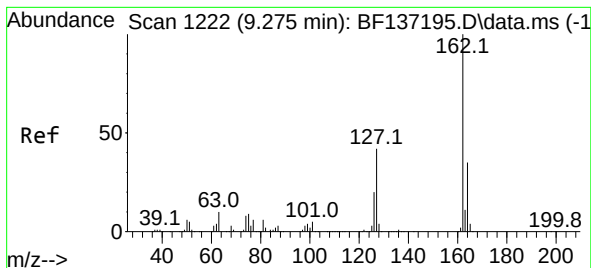
Tgt Ion:172 Resp: 546924
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.6 19.1 28.7



#46
1,1'-Biphenyl
Concen: 46.918 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:154 Resp: 425901
Ion Ratio Lower Upper
154 100
153 39.3 21.2 61.2
76 11.0 0.0 33.0





#47

2-Chloronaphthalene

Concen: 45.808 ng

RT: 9.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

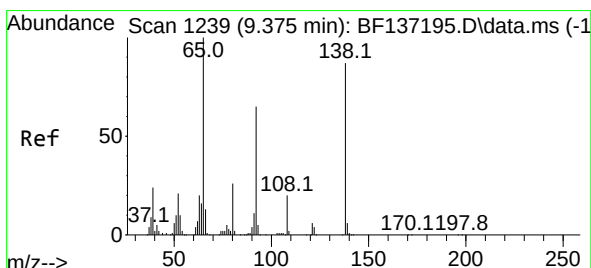
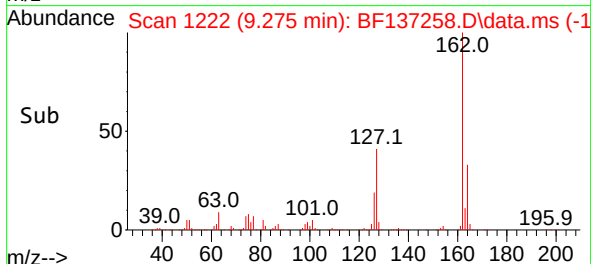
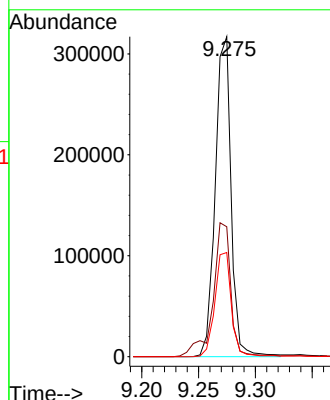
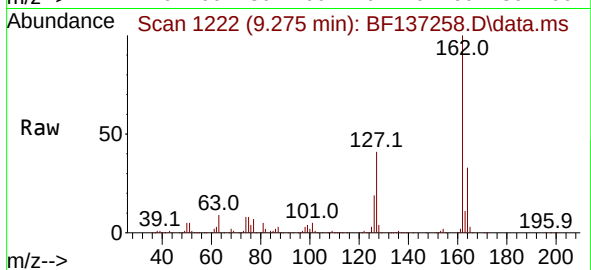
Tgt Ion:162 Resp: 307735

Ion Ratio Lower Upper

162 100

127 40.6 34.1 51.1

164 32.5 27.9 41.9



#48

2-Nitroaniline

Concen: 48.113 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

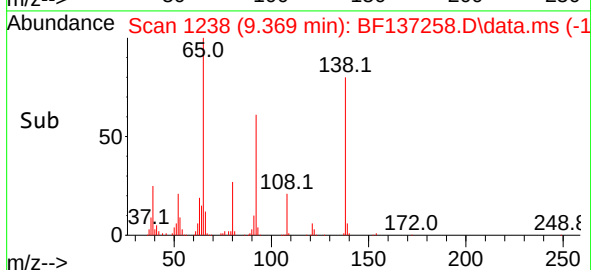
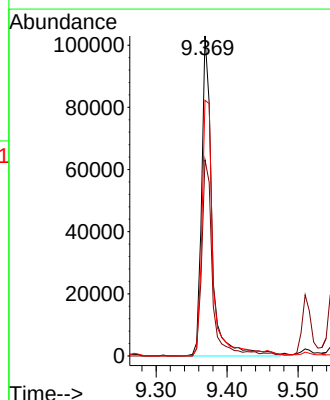
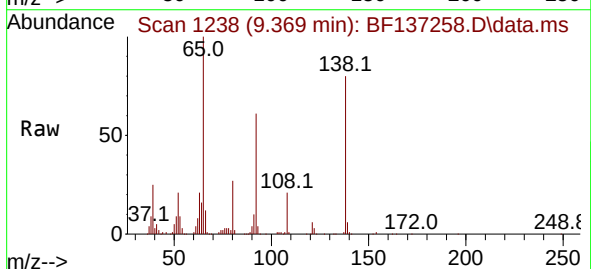
Tgt Ion: 65 Resp: 104614

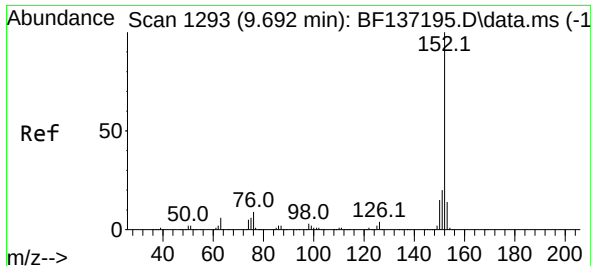
Ion Ratio Lower Upper

65 100

92 61.3 51.7 77.5

138 79.9 69.7 104.5





#49

Acenaphthylene

Concen: 45.409 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

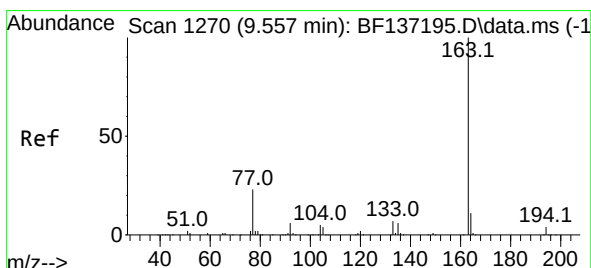
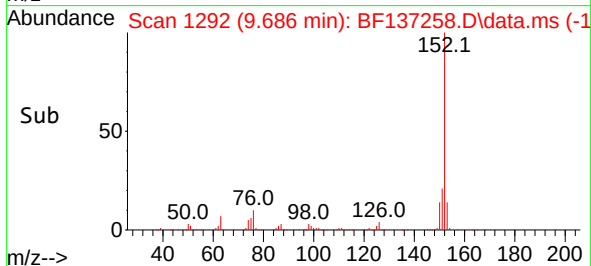
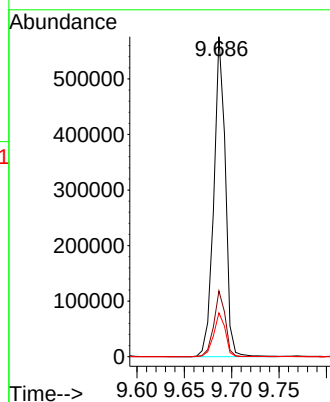
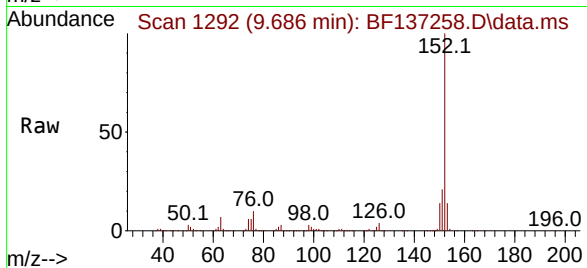
Tgt Ion:152 Resp: 488364

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.7 11.2 16.8



#50

Dimethylphthalate

Concen: 46.899 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

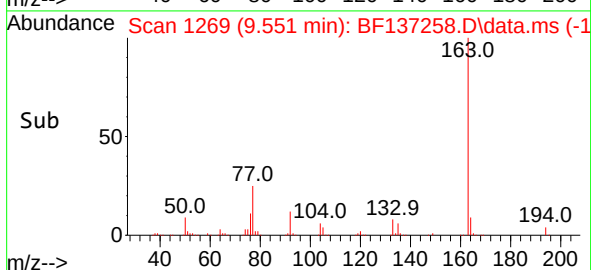
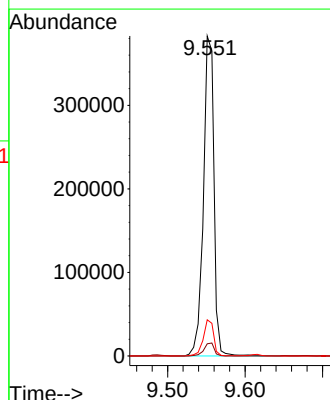
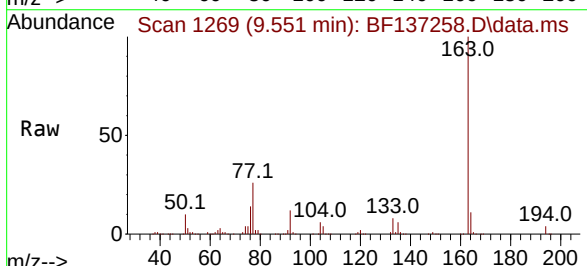
Tgt Ion:163 Resp: 361487

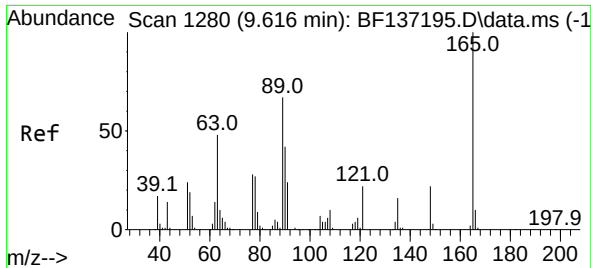
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 11.3 8.6 13.0

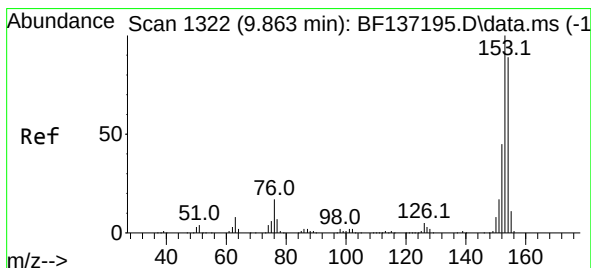
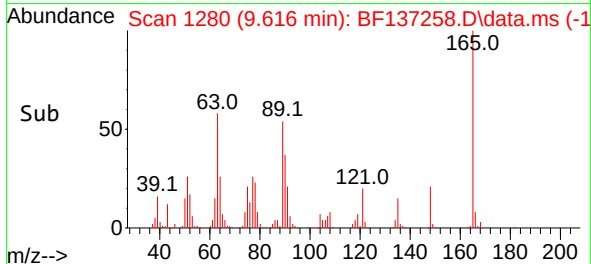
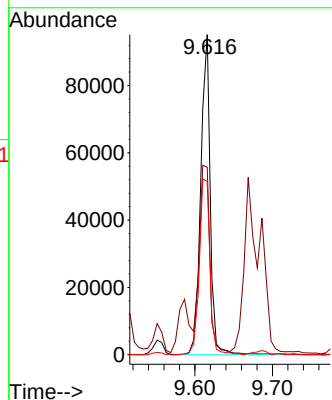
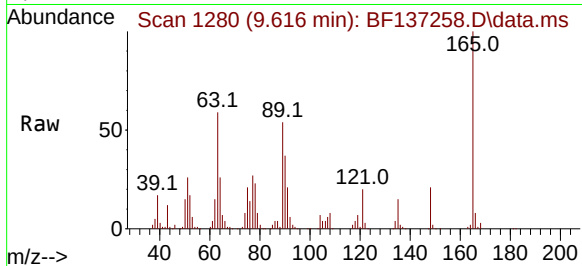




#51
2,6-Dinitrotoluene
Concen: 49.188 ng
RT: 9.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

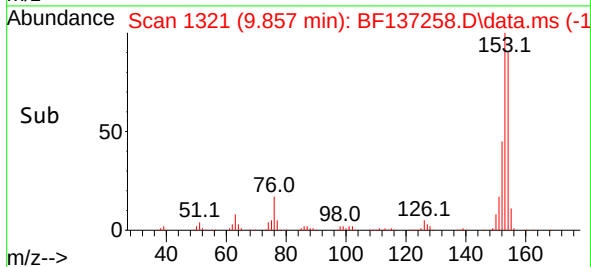
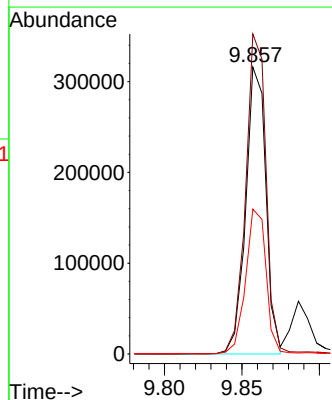
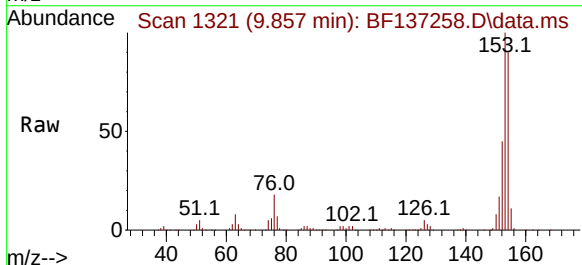
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

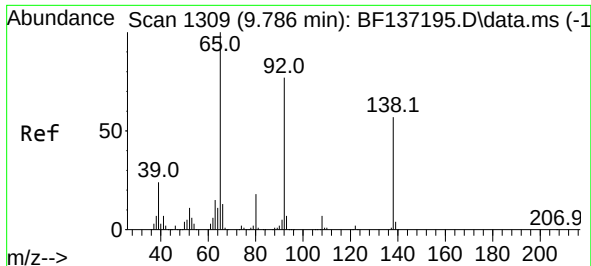
Tgt Ion:165 Resp: 80845
Ion Ratio Lower Upper
165 100
63 58.5 55.1 82.7
89 54.1 53.5 80.3



#52
Acenaphthene
Concen: 45.194 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:154 Resp: 285663
Ion Ratio Lower Upper
154 100
153 111.6 90.2 135.4
152 50.5 40.6 60.8

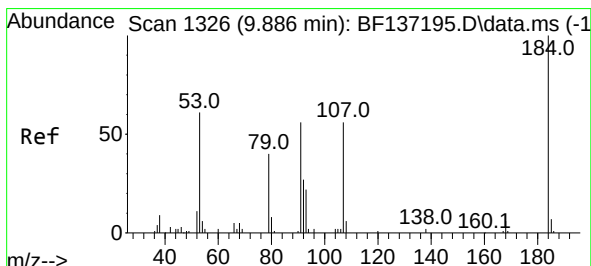
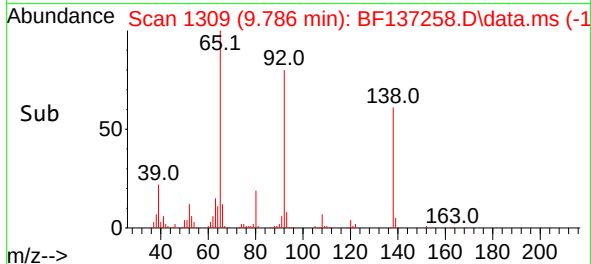
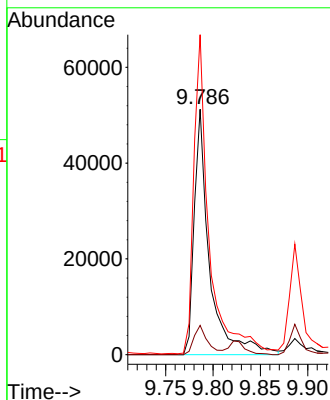
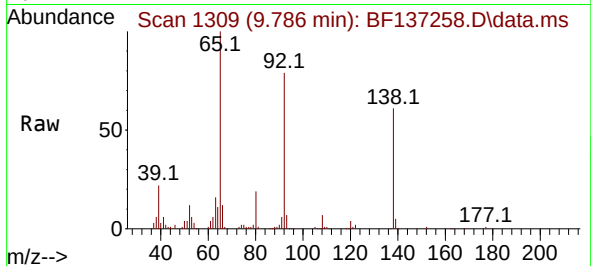




#53
3-Nitroaniline
Concen: 39.026 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

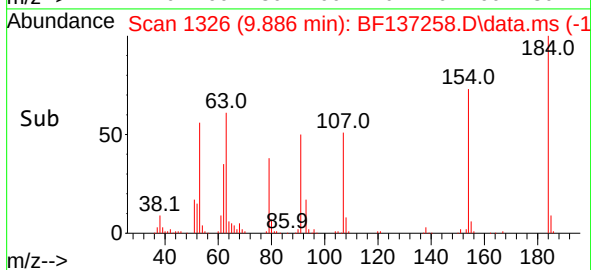
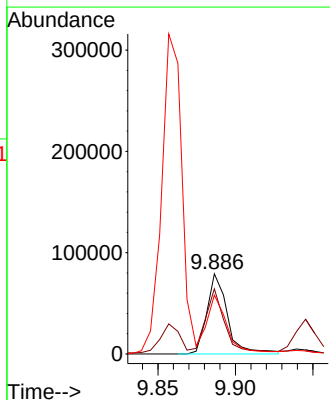
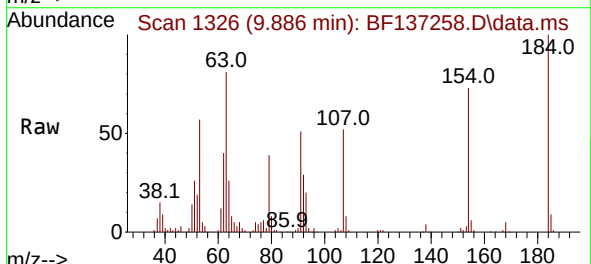
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

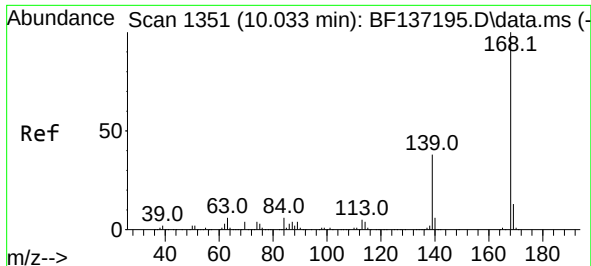
Tgt Ion:138 Resp: 57723
Ion Ratio Lower Upper
138 100
108 11.9 10.4 15.6
92 130.4 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 96.879 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:184 Resp: 72970
Ion Ratio Lower Upper
184 100
63 81.4 71.2 106.8
154 73.5 64.9 97.3

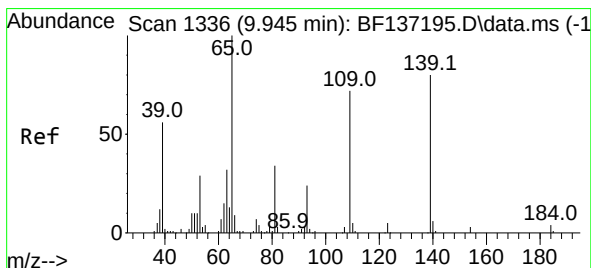
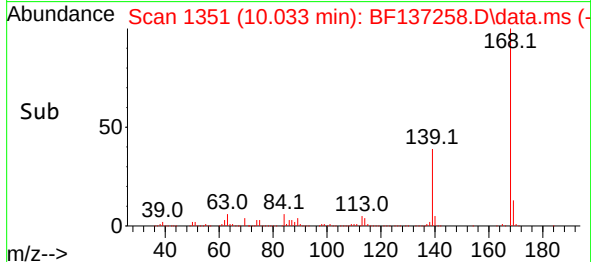
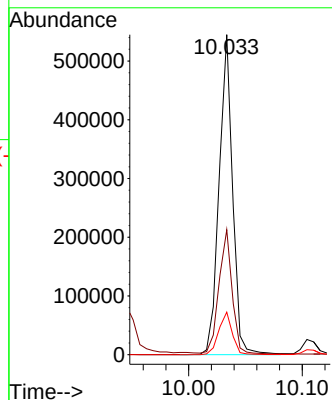
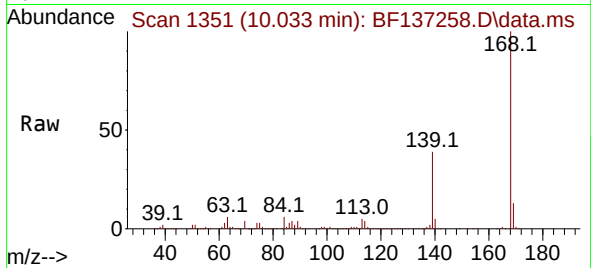




#55
Dibenzenofuran
Concen: 44.809 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

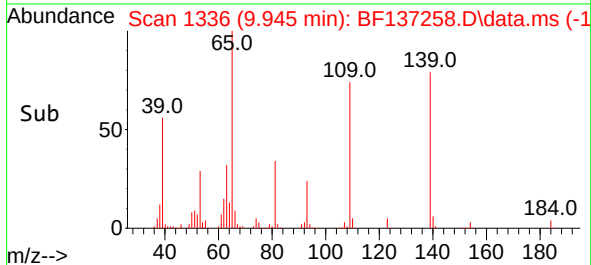
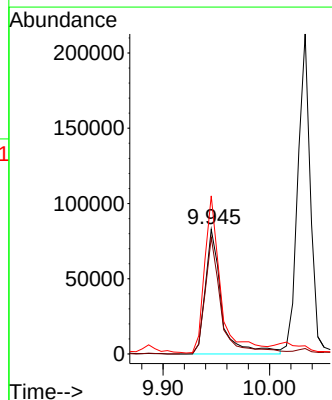
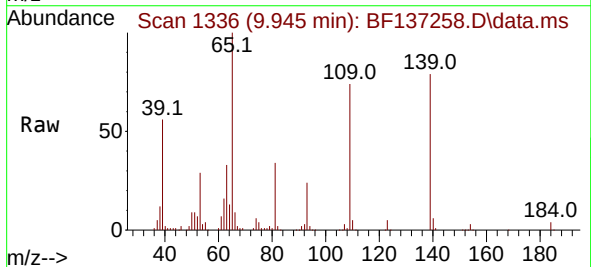
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

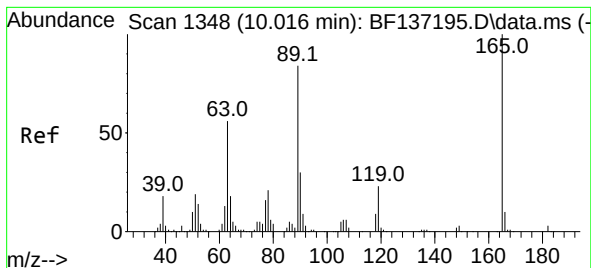
Tgt Ion:168 Resp: 450608
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 79.224 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:139 Resp: 88732
Ion Ratio Lower Upper
139 100
109 93.4 70.4 110.4
65 126.8 107.6 147.6

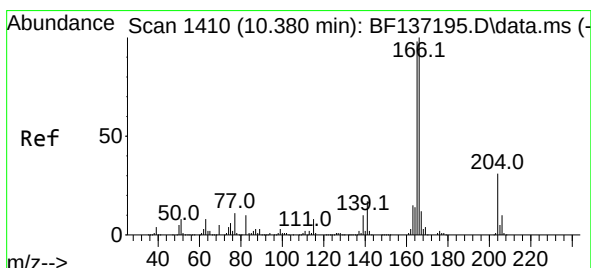
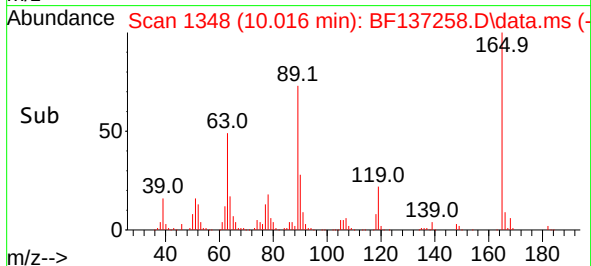
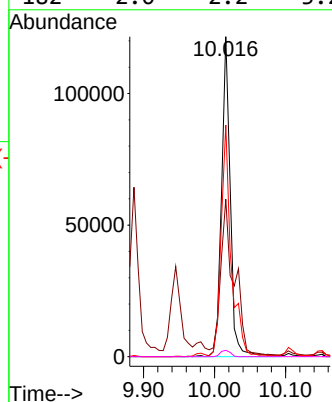
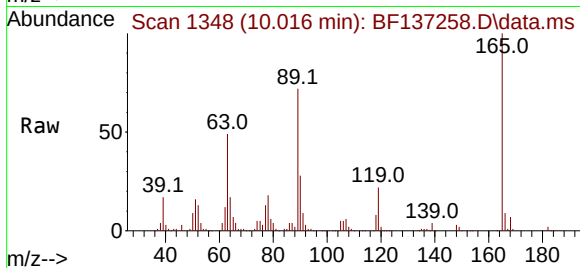




#57
2,4-Dinitrotoluene
Concen: 48.726 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

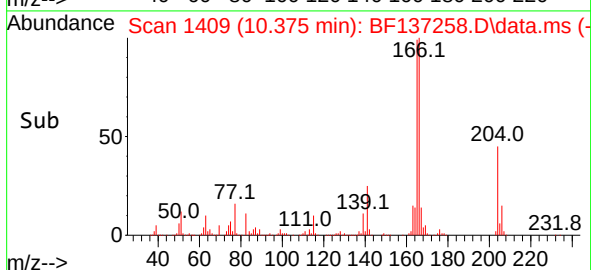
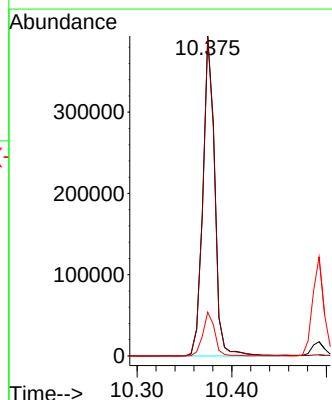
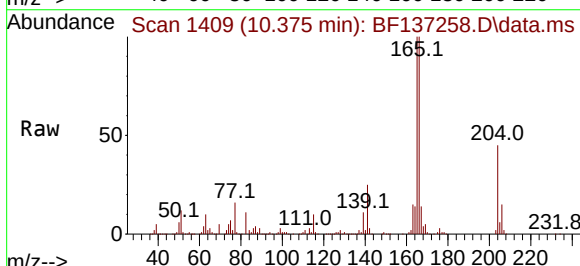
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

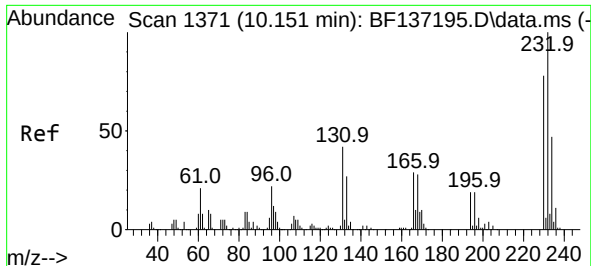
Tgt Ion:165 Resp: 103914
Ion Ratio Lower Upper
165 100
63 49.2 46.1 69.1
89 72.4 67.5 101.3
182 2.0 2.2 3.2#



#58
Fluorene
Concen: 43.593 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:166 Resp: 343670
Ion Ratio Lower Upper
166 100
165 99.6 78.5 117.7
167 13.7 10.0 15.0

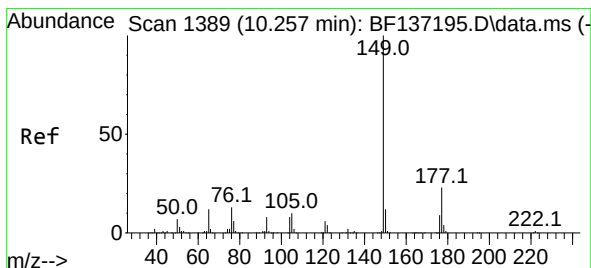
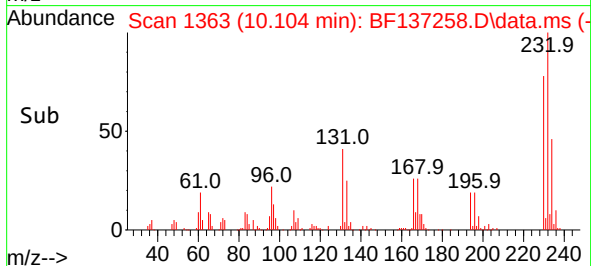
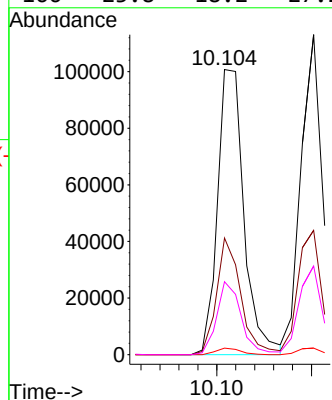
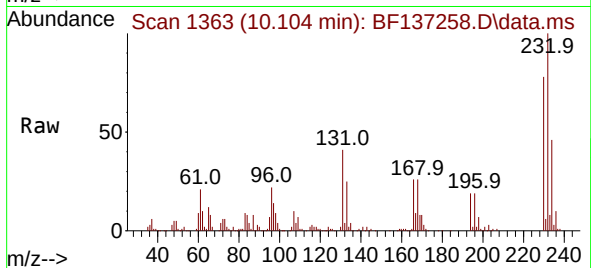




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.597 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.047 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

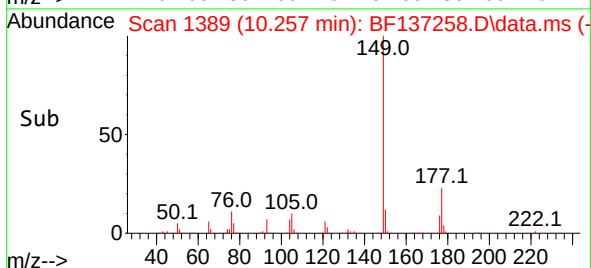
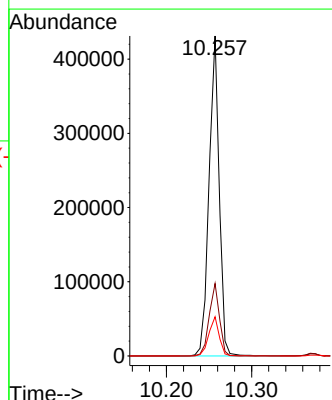
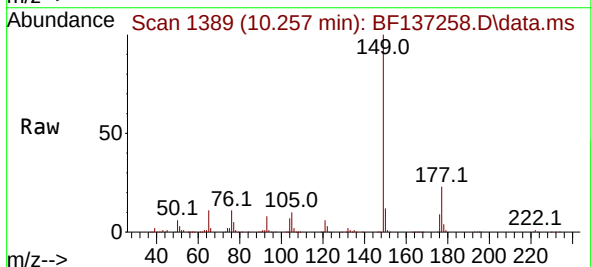
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

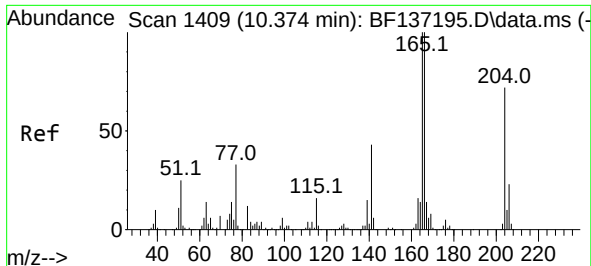
Tgt Ion:232 Resp: 98215
Ion Ratio Lower Upper
232 100
131 37.5 27.4 41.2
130 2.1 1.7 2.5
166 23.8 18.2 27.2



#60
Diethylphthalate
Concen: 47.084 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:149 Resp: 357335
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.3 9.6 14.4

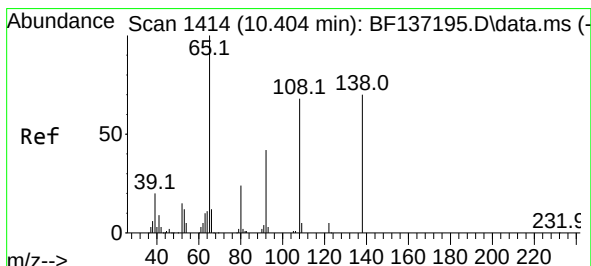
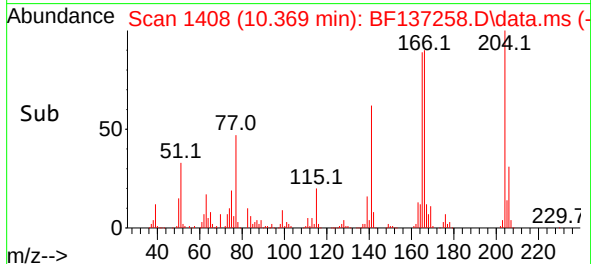
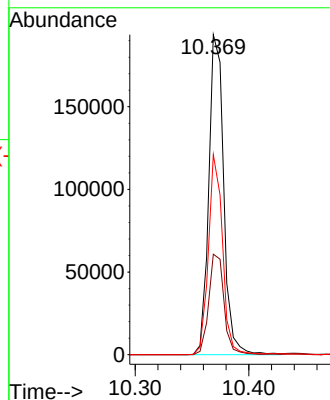
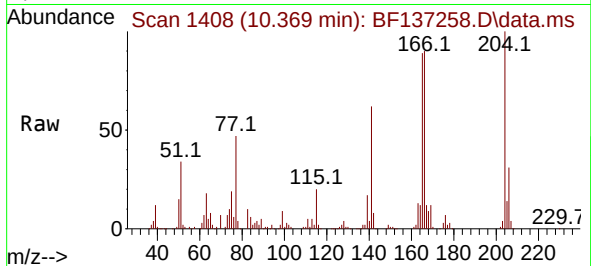




#61
4-Chlorophenyl-phenylether
Concen: 45.052 ng
RT: 10.369 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

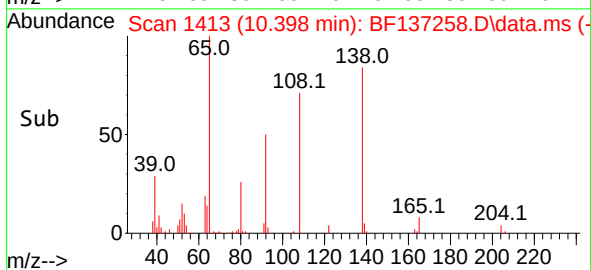
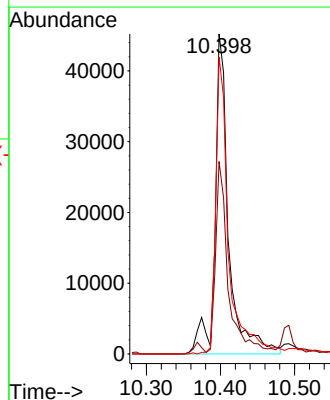
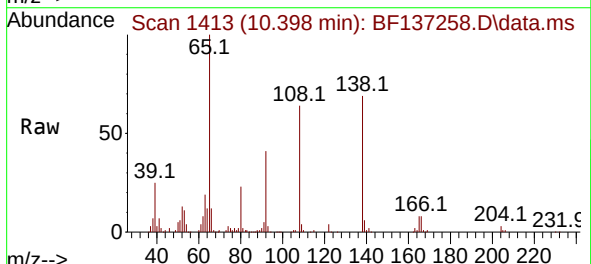
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

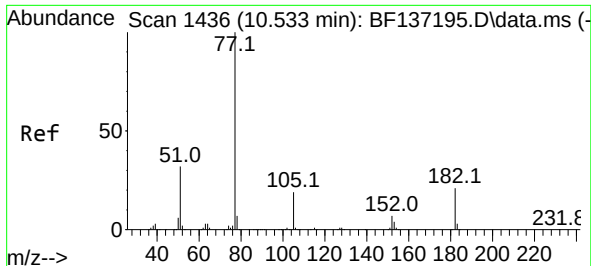
Tgt Ion:204 Resp: 176543
Ion Ratio Lower Upper
204 100
206 31.4 25.5 38.3
141 62.5 48.3 72.5



#62
4-Nitroaniline
Concen: 40.995 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:138 Resp: 58039
Ion Ratio Lower Upper
138 100
92 60.2 39.3 79.3
108 92.8 75.3 115.3

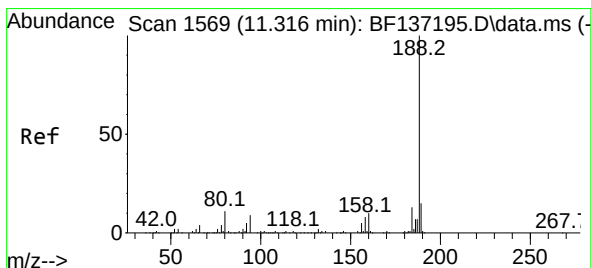
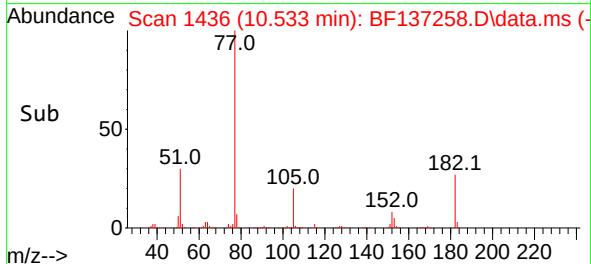
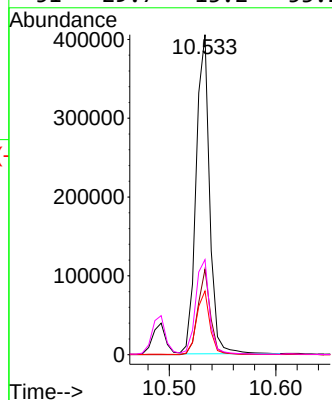
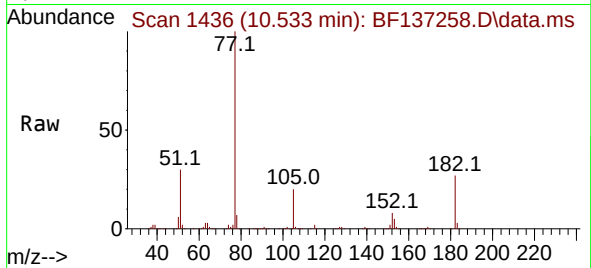




#63
Azobenzene
Concen: 42.439 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

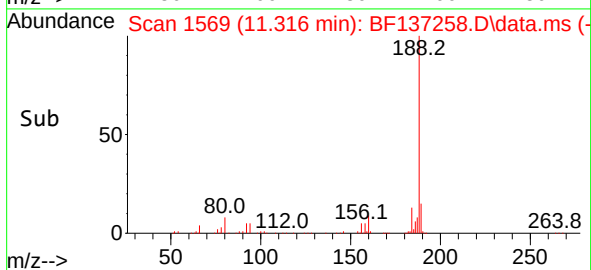
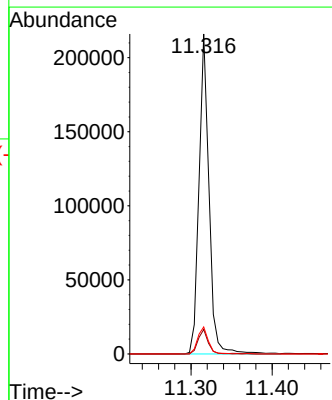
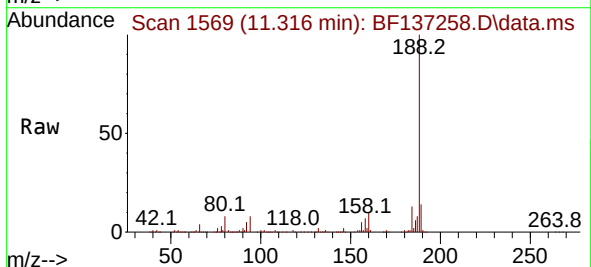
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

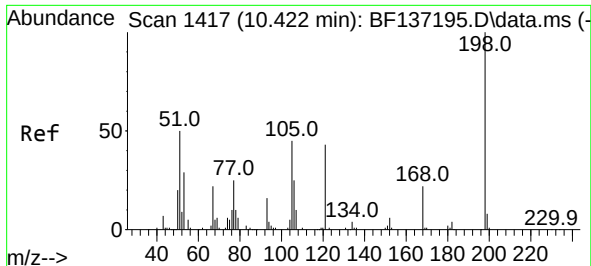
Tgt Ion: 77	Resp: 356704
Ion Ratio	Lower Upper
77 100	
182 26.7	1.1 41.1
105 19.9	0.0 38.9
51 29.7	13.2 53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:188	Resp: 186154
Ion Ratio	Lower Upper
188 100	
94 7.7	7.0 10.4
80 8.4	8.8 13.2#

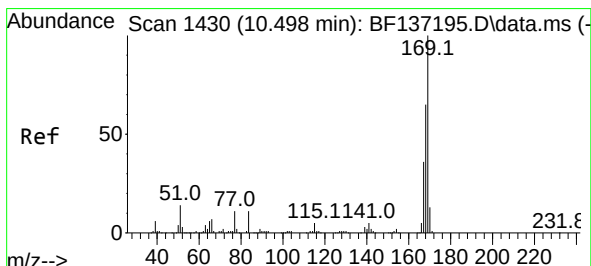
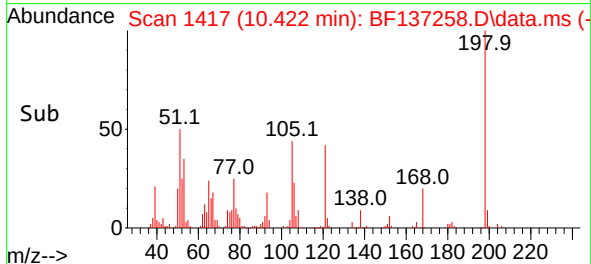
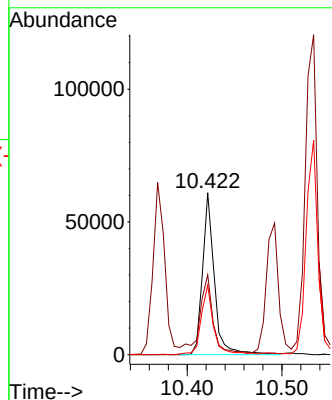
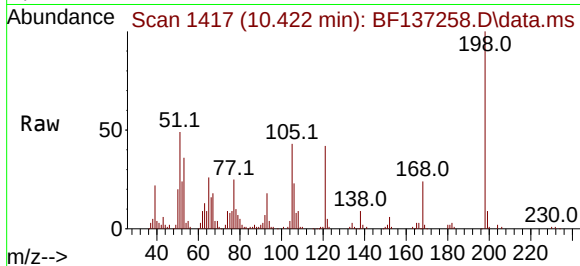




#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.170 ng
 RT: 10.422 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: BF137258.D
 Acq: 02 Feb 2024 16:47

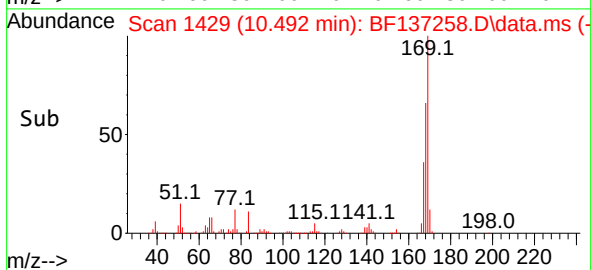
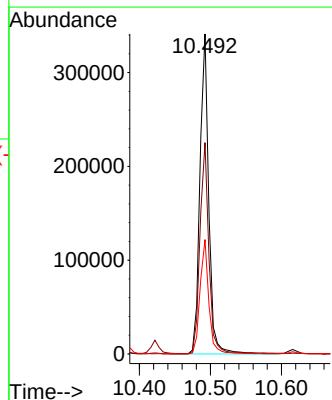
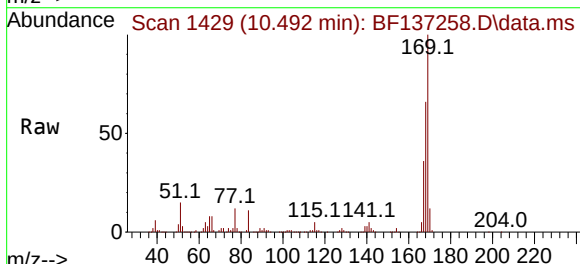
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

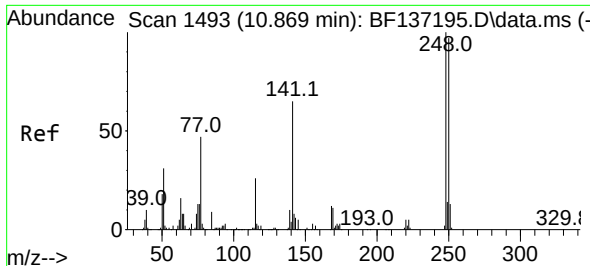
Tgt Ion:198 Resp: 53084
 Ion Ratio Lower Upper
 198 100
 51 49.4 40.9 80.9
 105 43.0 26.5 66.5



#66
 n-Nitrosodiphenylamine
 Concen: 52.406 ng
 RT: 10.492 min Scan# 1429
 Delta R.T. -0.006 min
 Lab File: BF137258.D
 Acq: 02 Feb 2024 16:47

Tgt Ion:169 Resp: 296627
 Ion Ratio Lower Upper
 169 100
 168 66.0 51.9 77.9
 167 35.7 29.0 43.6

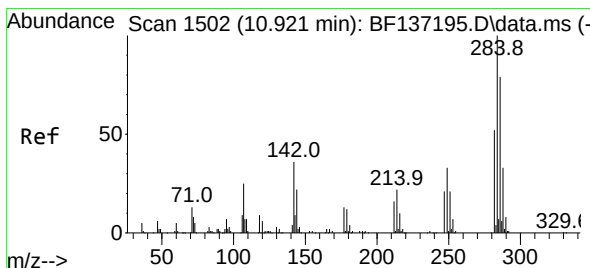
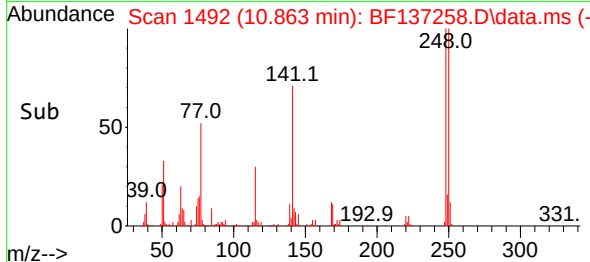
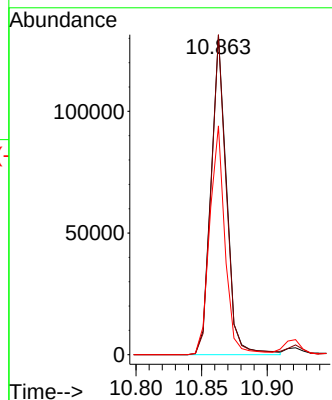
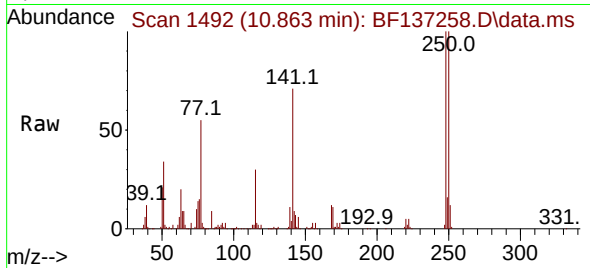




#67
4-Bromophenyl-phenylether
Concen: 53.008 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

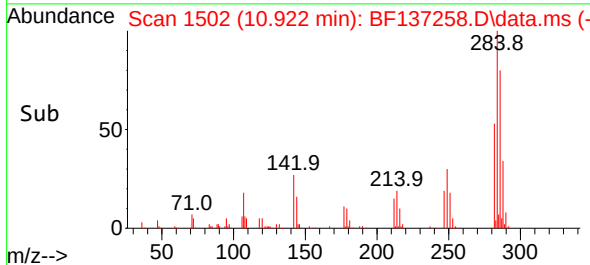
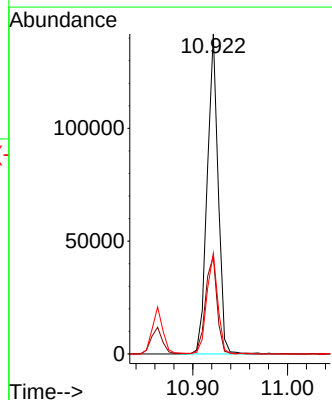
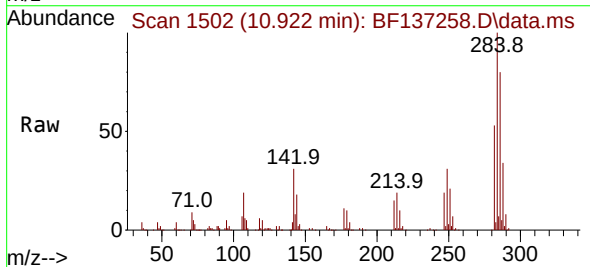
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

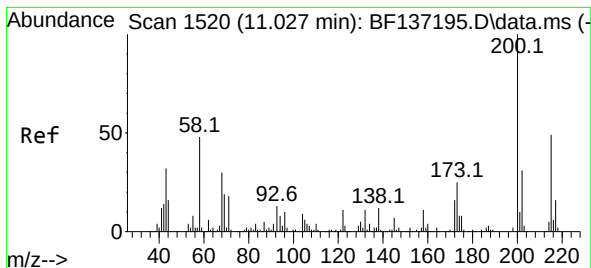
Tgt Ion:248 Resp: 108502
Ion Ratio Lower Upper
248 100
250 100.1 77.7 116.5
141 71.6 51.6 77.4



#68
Hexachlorobenzene
Concen: 49.744 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:284 Resp: 113732
Ion Ratio Lower Upper
284 100
142 30.5 28.7 43.1
249 31.5 27.0 40.4





#69

Atrazine

Concen: 49.367 ng

RT: 11.022 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

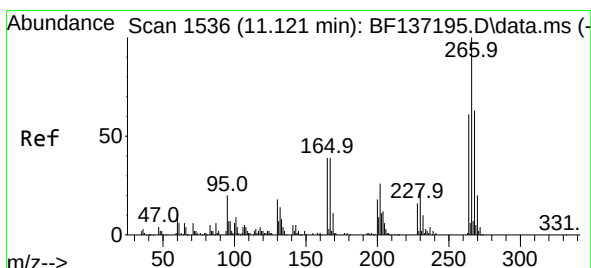
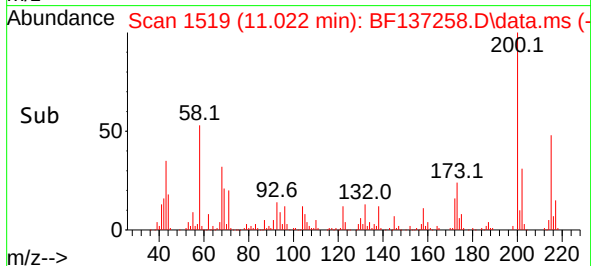
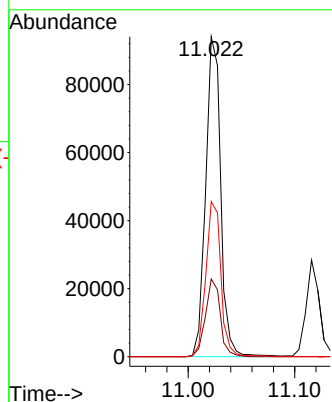
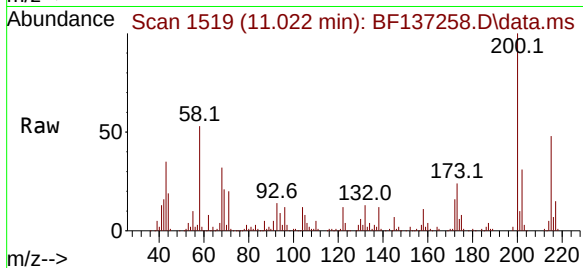
Tgt Ion:200 Resp: 92244

Ion Ratio Lower Upper

200 100

173 24.3 5.3 45.3

215 48.5 29.4 69.4



#70

Pentachlorophenol

Concen: 100.517 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.005 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

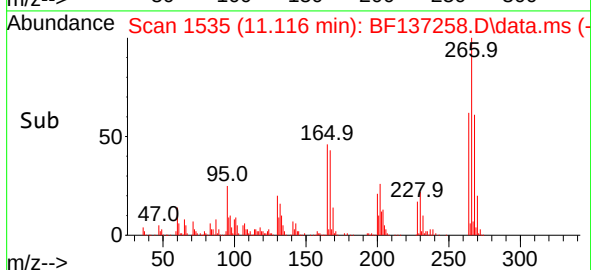
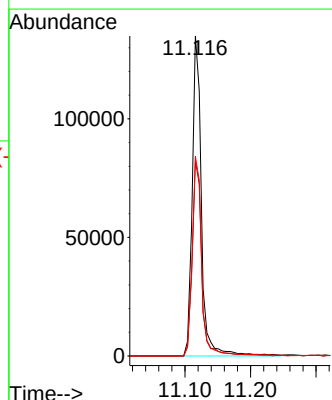
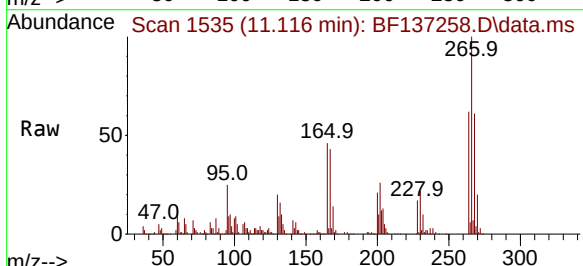
Tgt Ion:266 Resp: 131741

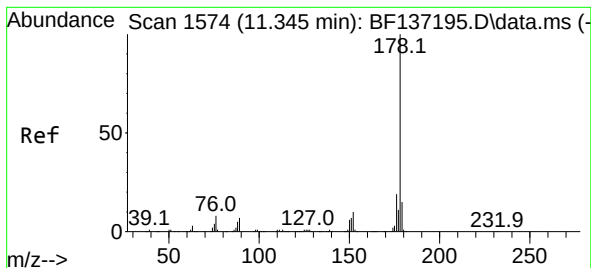
Ion Ratio Lower Upper

266 100

268 61.0 50.6 76.0

264 62.3 48.8 73.2





#71

Phenanthrene

Concen: 46.169 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

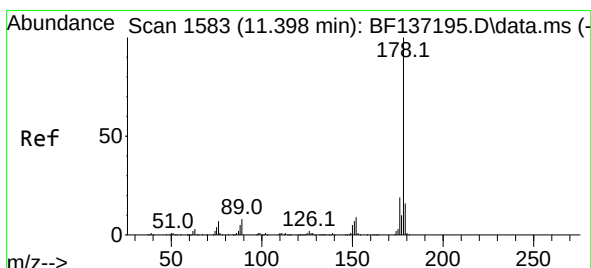
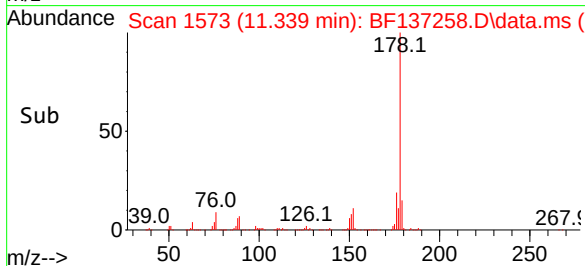
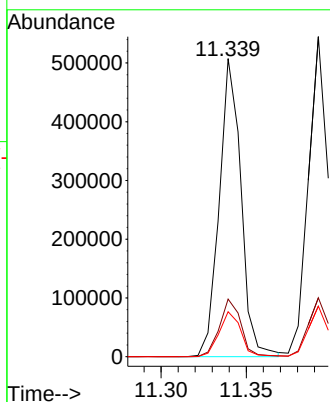
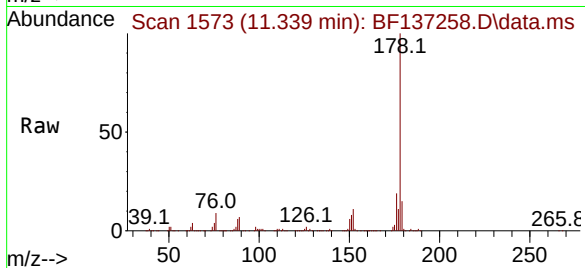
Tgt Ion:178 Resp: 449941

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.1 12.1 18.1



#72

Anthracene

Concen: 46.605 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

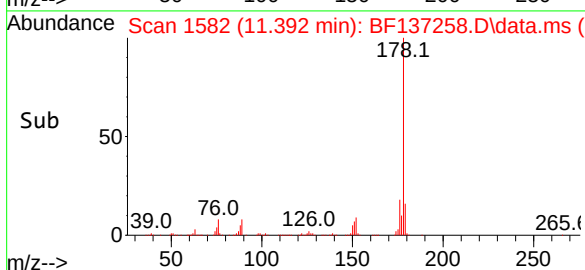
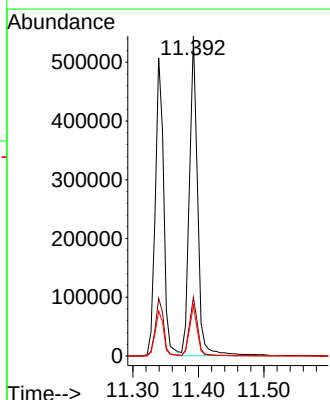
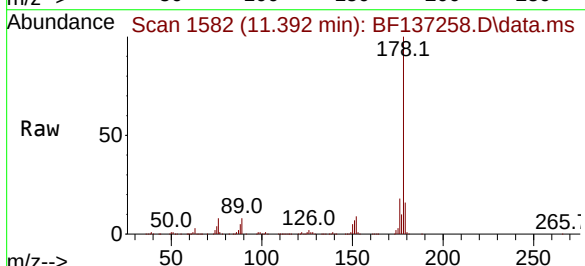
Tgt Ion:178 Resp: 473391

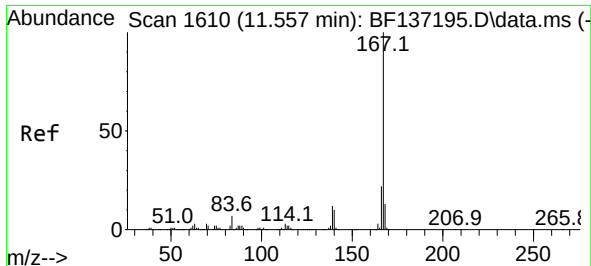
Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

179 15.8 12.7 19.1

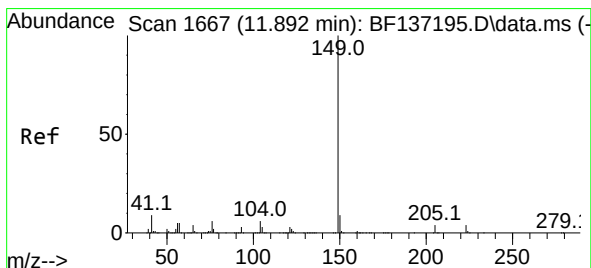
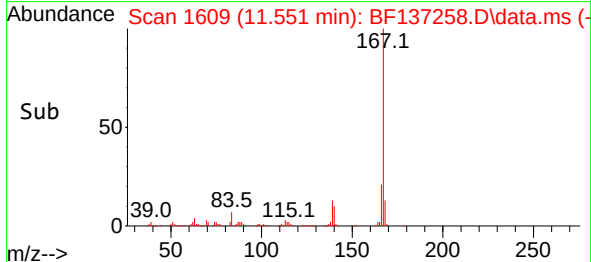
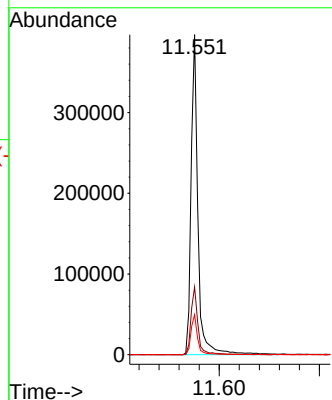
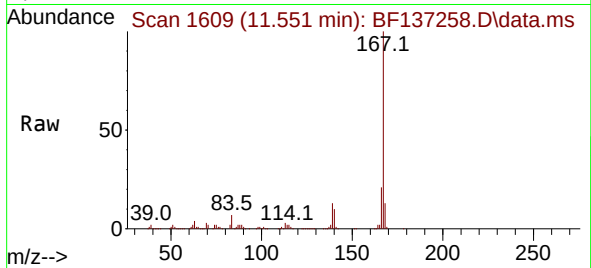




#73
 Carbazole
 Concen: 44.307 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF137258.D
 Acq: 02 Feb 2024 16:47

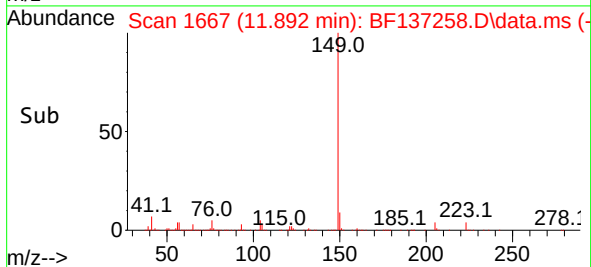
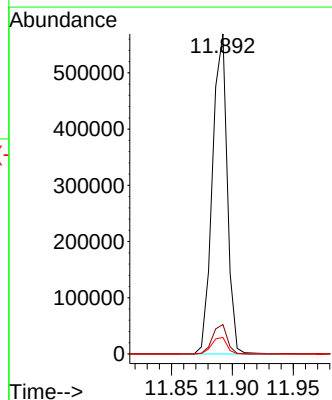
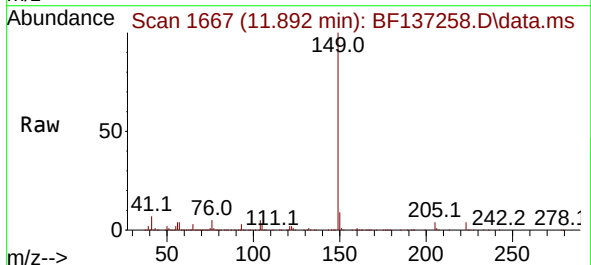
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

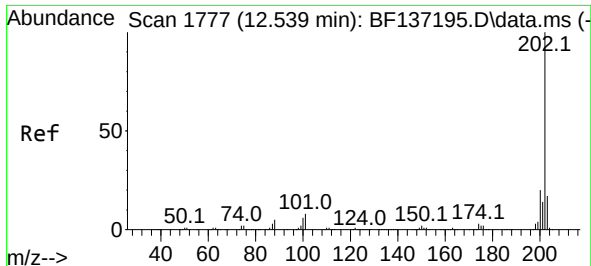
Tgt Ion:167 Resp: 376117
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.6 26.4
 139 12.5 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 52.512 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. 0.000 min
 Lab File: BF137258.D
 Acq: 02 Feb 2024 16:47

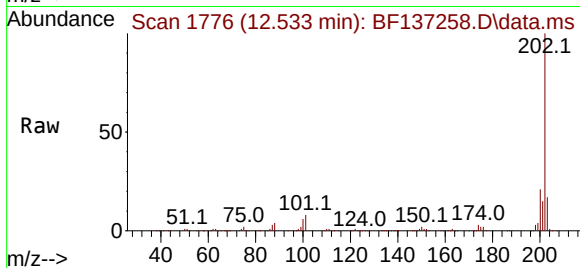
Tgt Ion:149 Resp: 481867
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.5 6.7



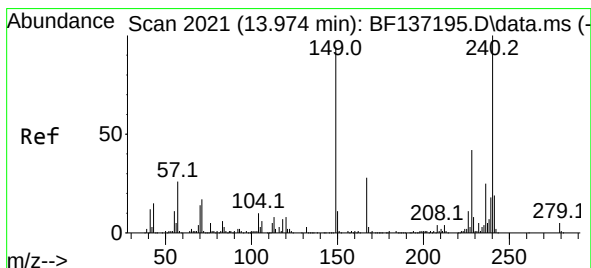
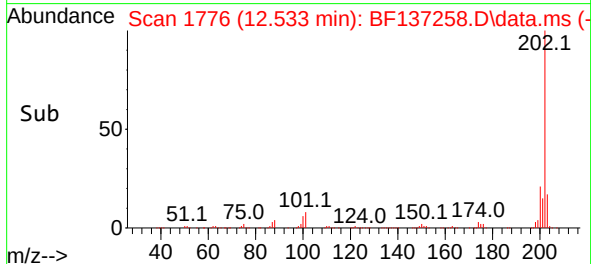
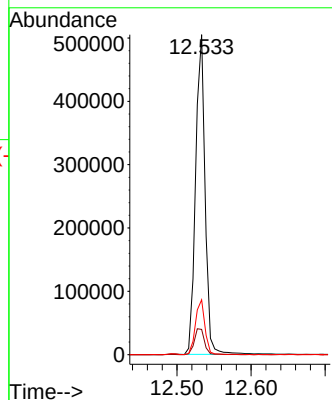


#75
Fluoranthene
Concen: 44.158 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

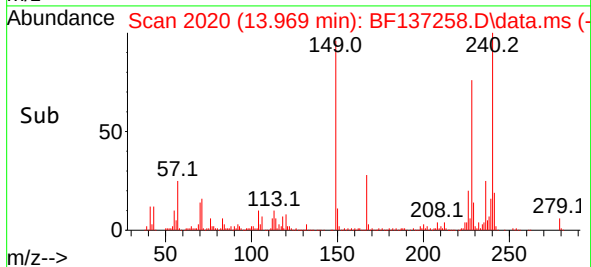
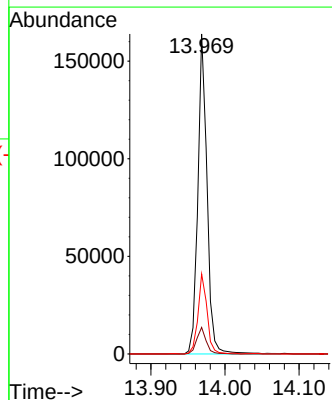
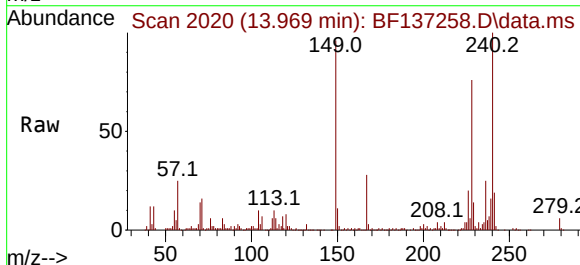


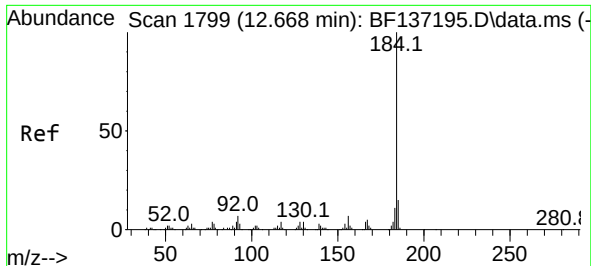
Tgt Ion:202 Resp: 450311
Ion Ratio Lower Upper
202 100
101 7.9 0.0 28.4
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:240 Resp: 140863
Ion Ratio Lower Upper
240 100
120 8.3 6.3 9.5
236 25.0 20.3 30.5

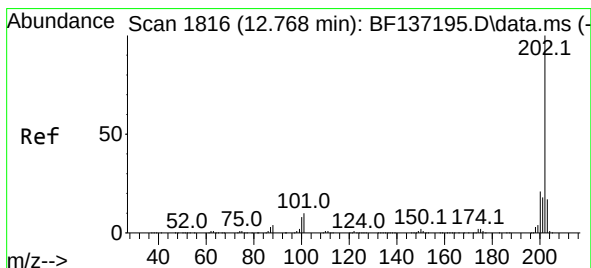
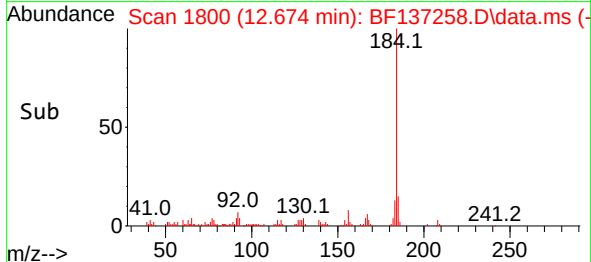
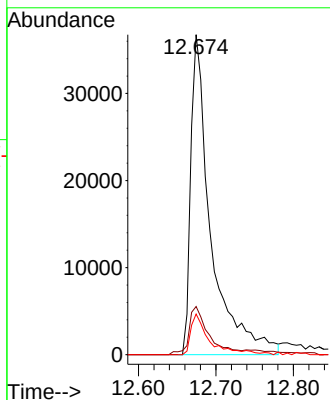
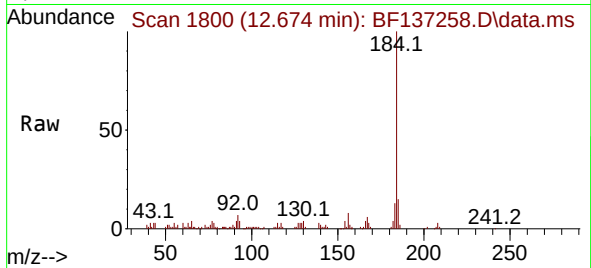




#77
Benzidine
Concen: 26.343 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

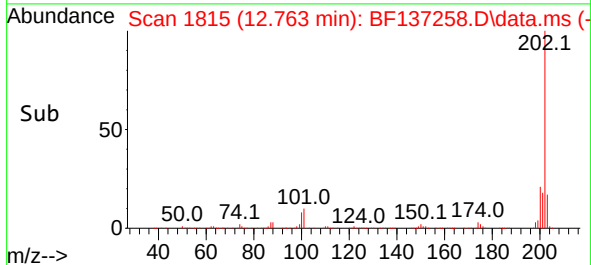
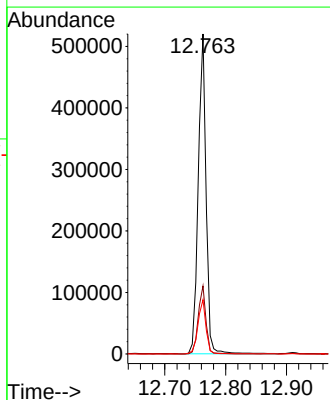
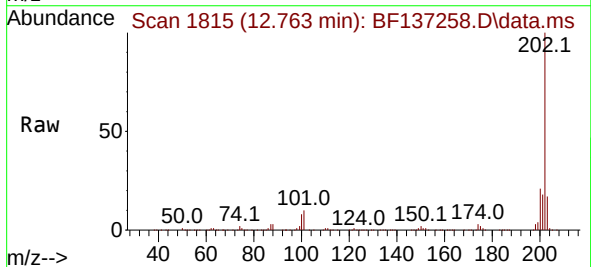
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

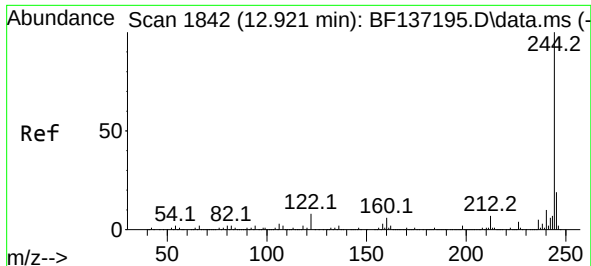
Tgt Ion:184 Resp: 66447
Ion Ratio Lower Upper
184 100
185 15.1 11.9 17.9
183 12.7 8.8 13.2



#78
Pyrene
Concen: 34.231 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:202 Resp: 463385
Ion Ratio Lower Upper
202 100
200 21.3 16.5 24.7
203 17.0 13.8 20.6

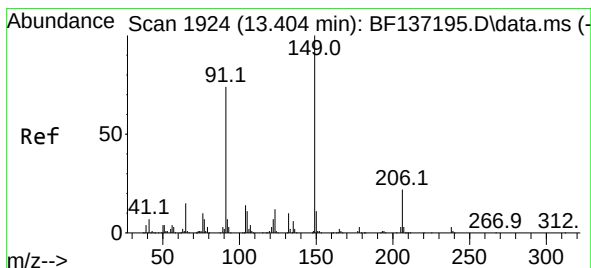
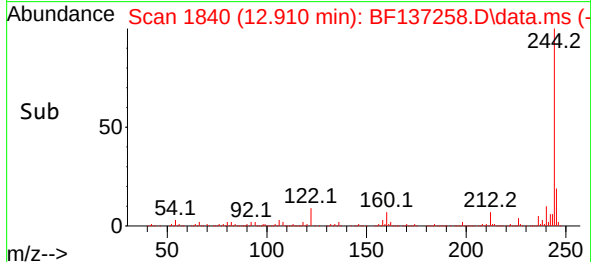
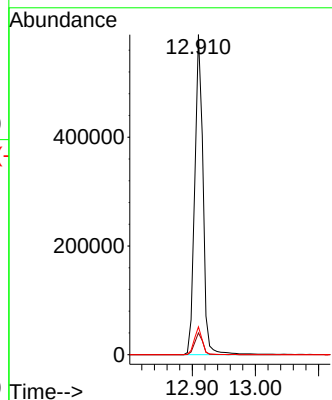
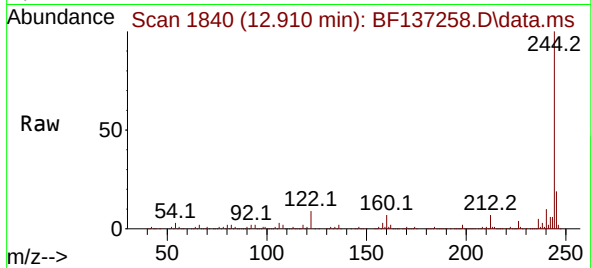




#79
 Terphenyl-d14
 Concen: 51.313 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137258.D
 Acq: 02 Feb 2024 16:47

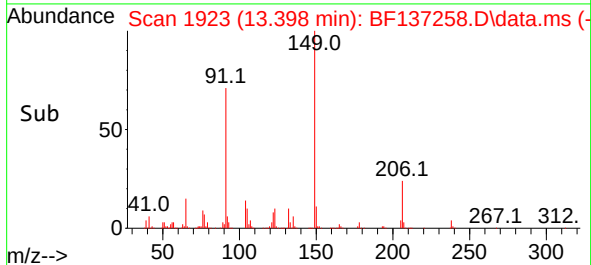
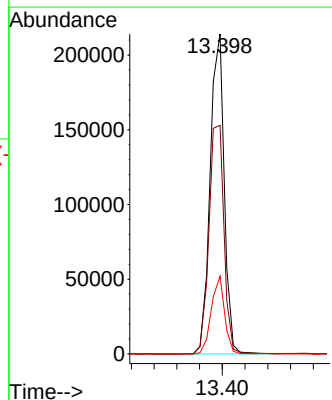
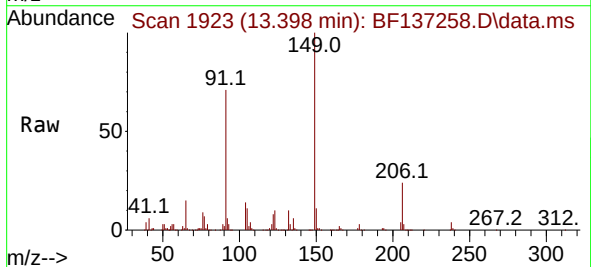
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

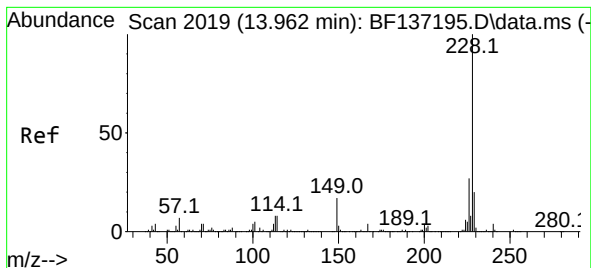
Tgt Ion:244 Resp: 531699
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 8.7 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 53.152 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF137258.D
 Acq: 02 Feb 2024 16:47

Tgt Ion:149 Resp: 184059
 Ion Ratio Lower Upper
 149 100
 91 71.4 58.8 88.2
 206 24.3 17.7 26.5





#81

Benzo(a)anthracene

Concen: 46.708 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

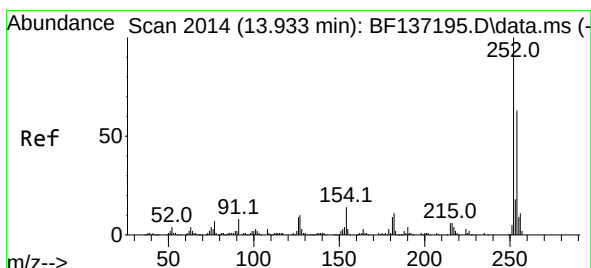
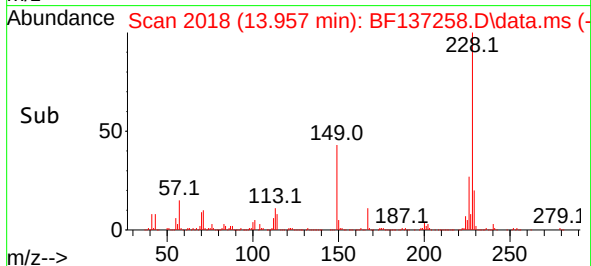
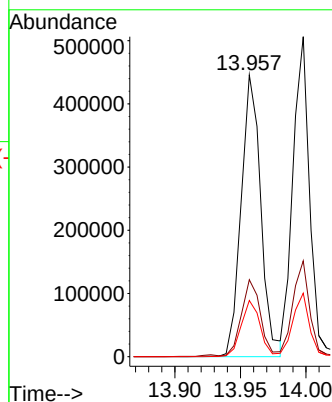
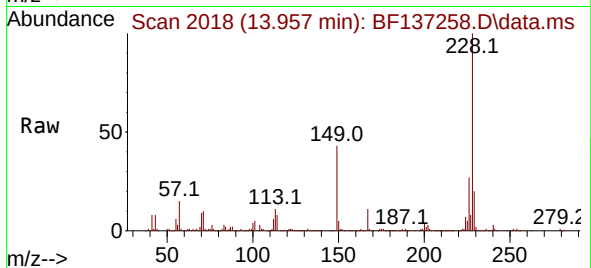
Tgt Ion:228 Resp: 465956

Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 55.741 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

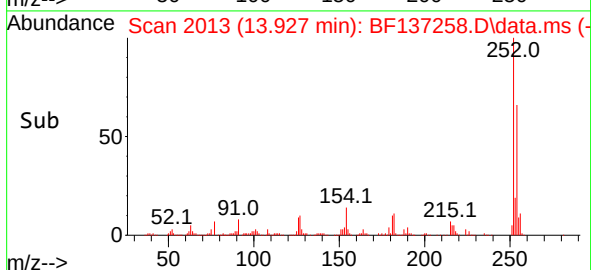
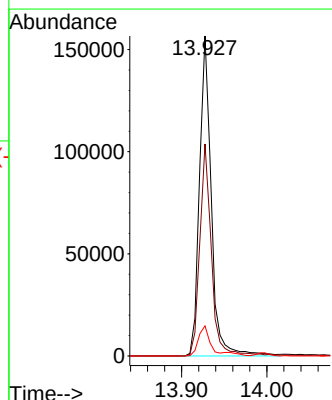
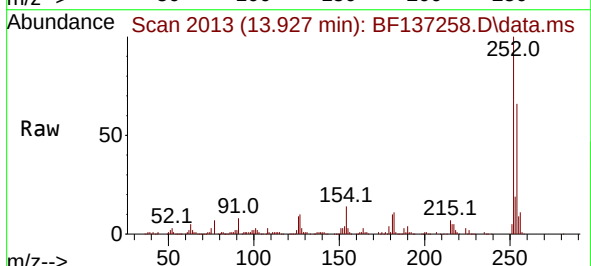
Tgt Ion:252 Resp: 151502

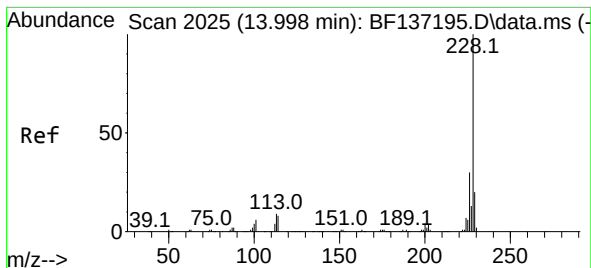
Ion Ratio Lower Upper

252 100

254 66.2 50.2 75.2

126 9.4 7.0 10.6





#83

Chrysene

Concen: 46.974 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

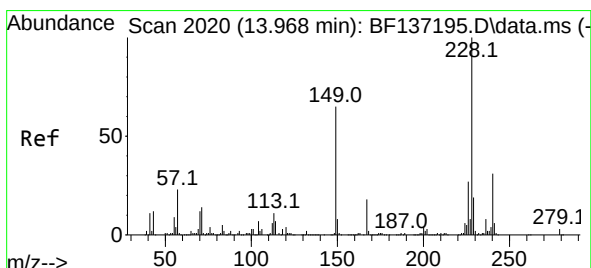
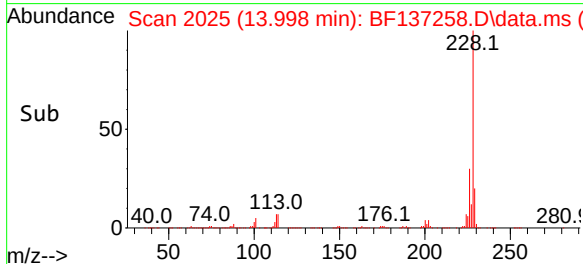
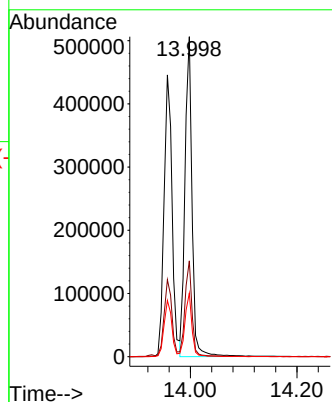
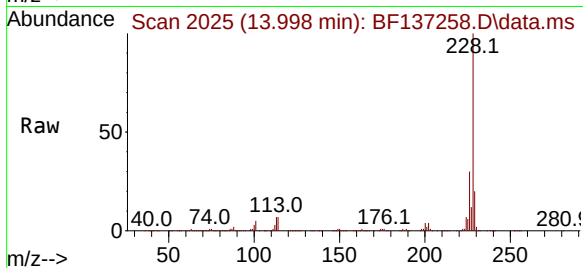
Tgt Ion:228 Resp: 460706

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.112 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

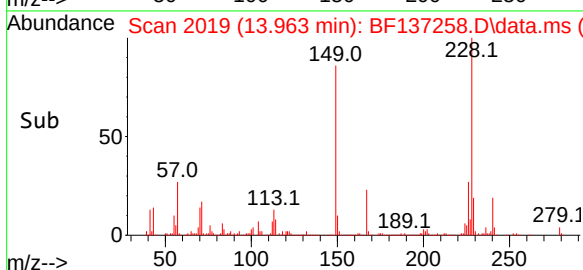
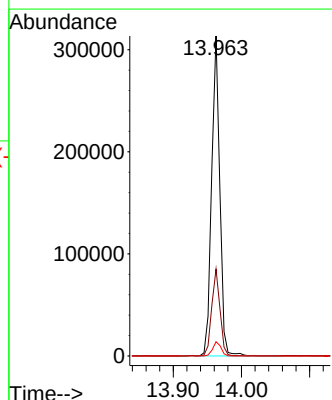
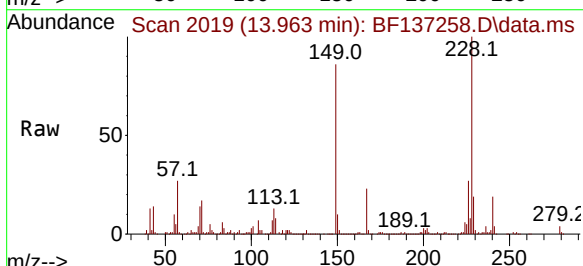
Tgt Ion:149 Resp: 262322

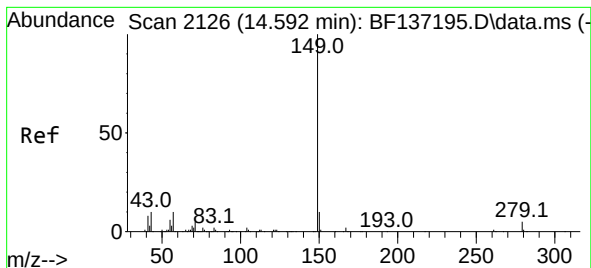
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 76.644 ng

RT: 14.580 min Scan# 2126

Delta R.T. -0.012 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

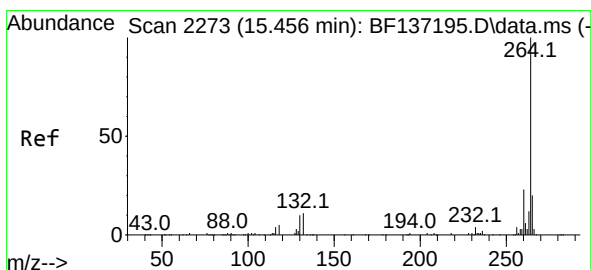
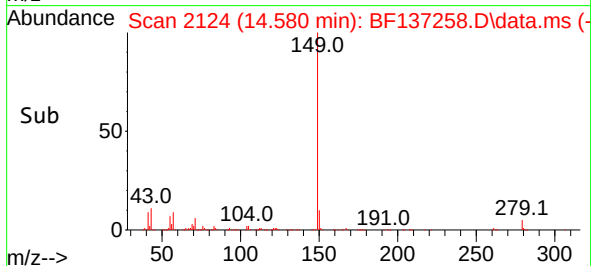
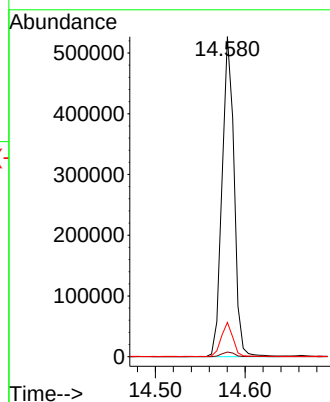
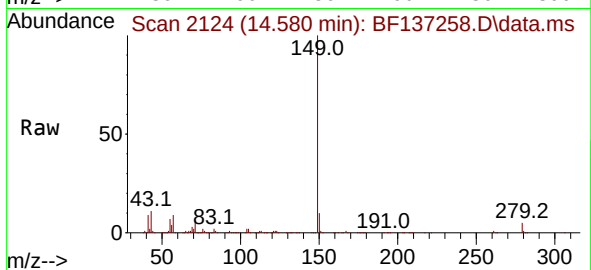
Tgt Ion:149 Resp: 490974

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 10.3 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

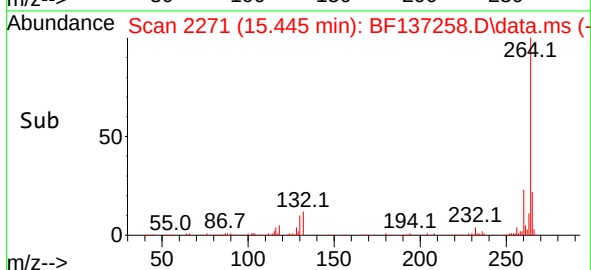
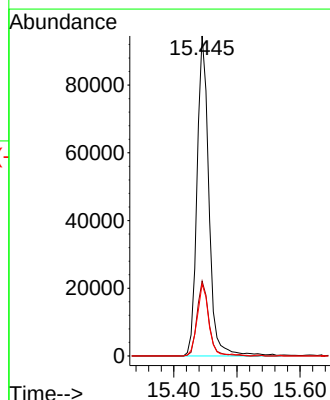
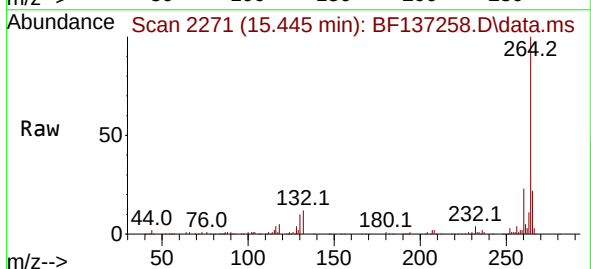
Tgt Ion:264 Resp: 123200

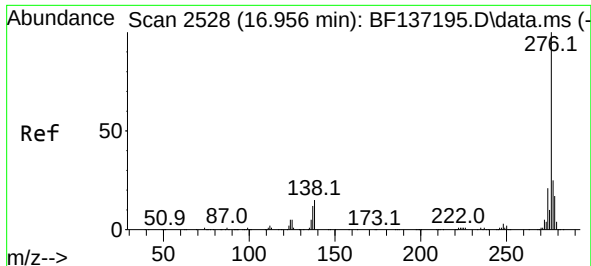
Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 22.5 16.2 24.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.894 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

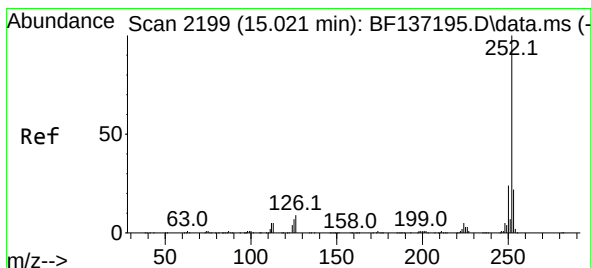
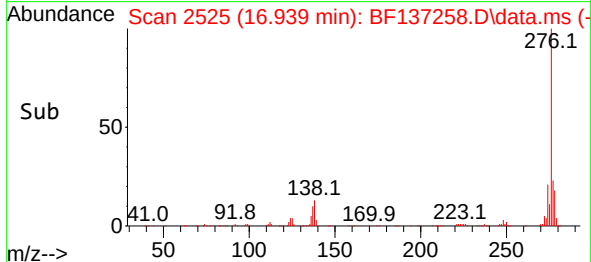
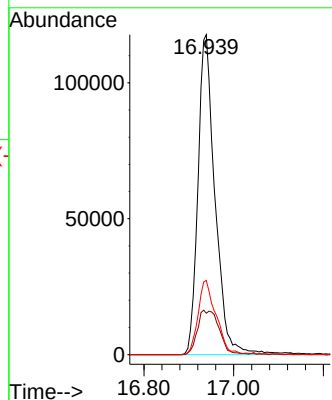
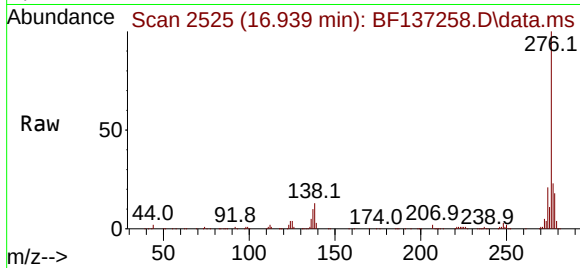
Tgt Ion:276 Resp: 310682

Ion Ratio Lower Upper

276 100

138 17.6 14.6 21.8

277 24.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.795 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

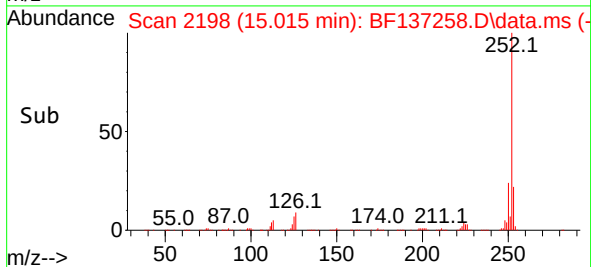
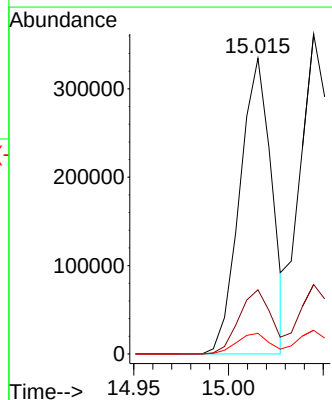
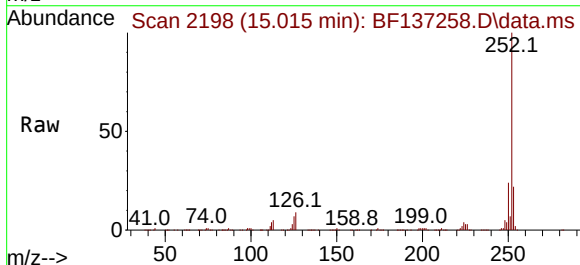
Tgt Ion:252 Resp: 392433

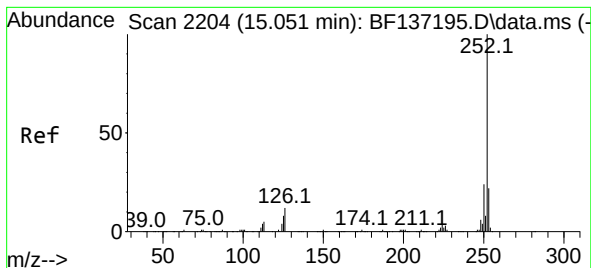
Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

125 7.0 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 50.536 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

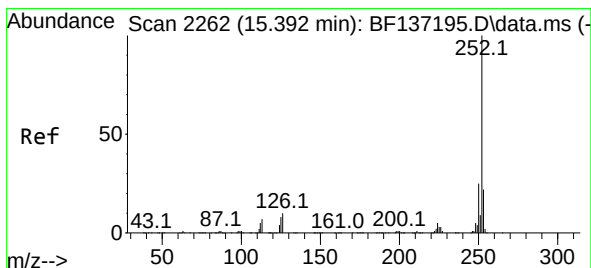
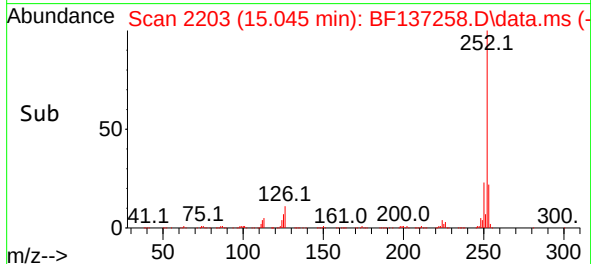
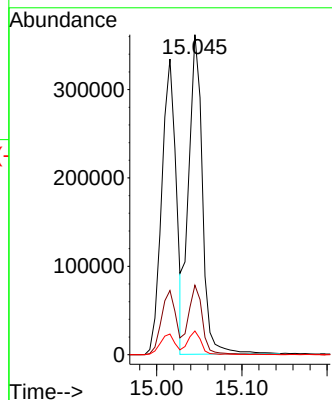
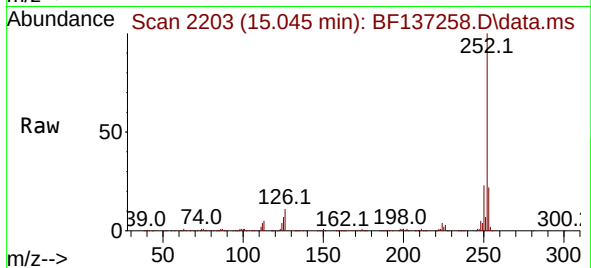
Tgt Ion:252 Resp: 405058

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 7.4 5.9 8.9



#90

Benzo(a)pyrene

Concen: 46.434 ng

RT: 15.386 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF137258.D

Acq: 02 Feb 2024 16:47

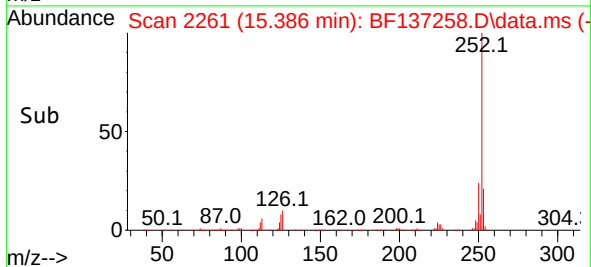
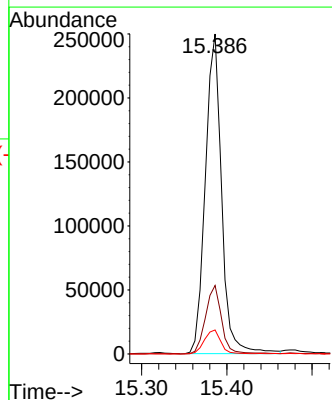
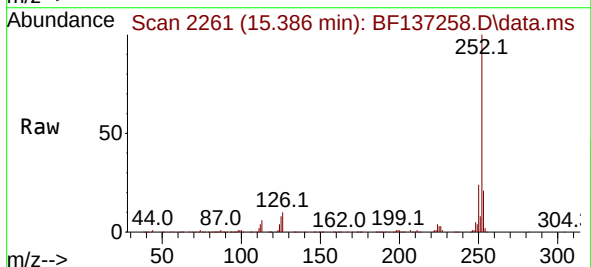
Tgt Ion:252 Resp: 331079

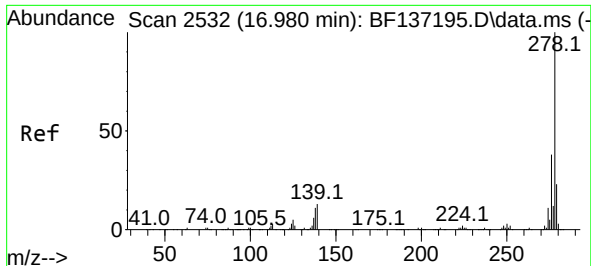
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

125 7.5 6.5 9.7

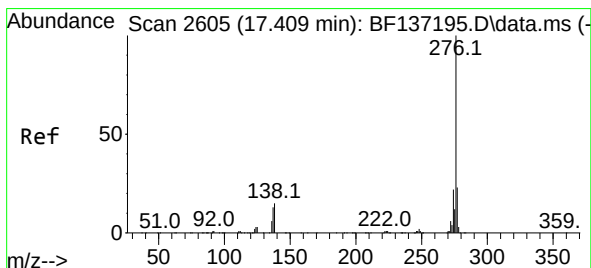
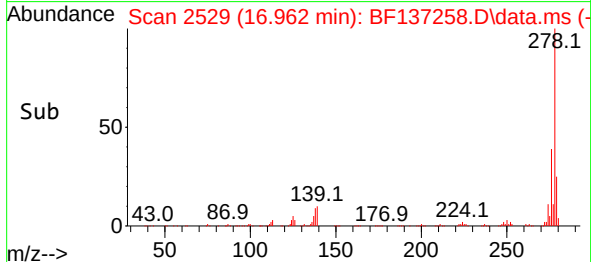
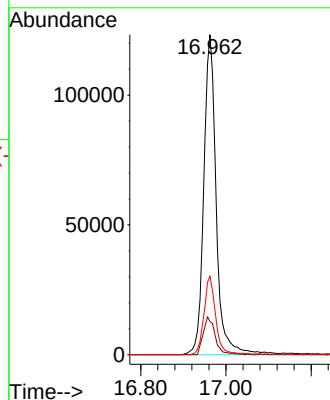
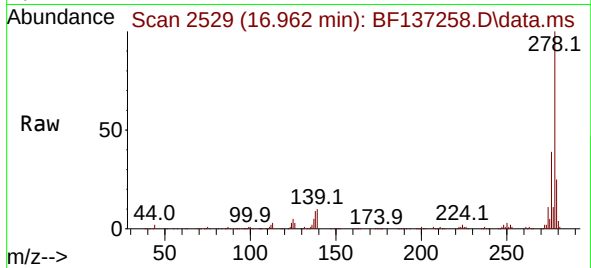




#91
Dibenzo(a,h)anthracene
Concen: 36.046 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:278 Resp: 249997
Ion Ratio Lower Upper
278 100
139 10.3 10.0 15.0
279 24.5 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 34.176 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF137258.D
Acq: 02 Feb 2024 16:47

Tgt Ion:276 Resp: 232633
Ion Ratio Lower Upper
276 100
277 22.3 18.4 27.6
138 15.6 11.8 17.8

