

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137297.D
 Acq On : 06 Feb 2024 17:53
 Operator : CG\JU
 Sample : P1318-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-11-GRID-1MSD

Quant Time: Feb 06 18:19:09 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	6.792	152	55964	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	210459	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	117807	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	204586	20.000	ng	0.00
76) Chrysene-d12	13.974	240	127921	20.000	ng	0.00
86) Perylene-d12	15.457	264	139132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	414676	122.266	ng	0.02
7) Phenol-d6	6.434	99	518871	107.202	ng	0.00
23) Nitrobenzene-d5	7.351	82	397395	84.539	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	172573	129.710	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	716896	83.653	ng	0.00
79) Terphenyl-d14	12.916	244	725175	77.066	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	55876	30.790	ng	# 80
3) Pyridine	3.434	79	76319	22.494	ng	91
4) n-Nitrosodimethylamine	3.375	42	80263	43.980	ng	97
6) Aniline	6.463	93	84851	16.376	ng	# 89
8) 2-Chlorophenol	6.575	128	159852	42.153	ng	96
9) Benzaldehyde	6.345	77	12969	7.036	ng	98
10) Phenol	6.445	94	189584	35.091	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	159563	44.194	ng	97
12) 1,3-Dichlorobenzene	6.734	146	175121	39.387	ng	97
13) 1,4-Dichlorobenzene	6.810	146	178857	38.896	ng	99
14) 1,2-Dichlorobenzene	6.957	146	171089	39.794	ng	99
15) Benzyl Alcohol	6.934	79	154762	45.007	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	257146	39.537	ng	99
17) 2-Methylphenol	7.045	107	127245	40.164	ng	98
18) Hexachloroethane	7.298	117	65875	39.721	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	136194	41.039	ng	98
20) 3+4-Methylphenols	7.198	107	165490	41.263	ng	# 87
22) Acetophenone	7.198	105	246195	43.452	ng	96
24) Nitrobenzene	7.369	77	199094	43.637	ng	99
25) Isophorone	7.610	82	364873	42.052	ng	97
26) 2-Nitrophenol	7.686	139	78582	44.667	ng	91
27) 2,4-Dimethylphenol	7.728	122	108657	43.813	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	198993	43.188	ng	99
29) 2,4-Dichlorophenol	7.928	162	136786	44.460	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	160752	42.064	ng	99
31) Naphthalene	8.092	128	473519	41.618	ng	99
32) Benzoic acid	7.845	122	83430	47.819	ng	95
33) 4-Chloroaniline	8.163	127	9346	2.388	ng	97
34) Hexachlorobutadiene	8.204	225	110335	43.421	ng	98
35) Caprolactam	8.504	113	19709	20.602	ng	95
36) 4-Chloro-3-methylphenol	8.622	107	151483	41.687	ng	100
37) 2-Methylnaphthalene	8.781	142	322130	42.231	ng	98
38) 1-Methylnaphthalene	8.880	142	299739	42.307	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	176720	44.831	ng	98
41) Hexachlorocyclopentadiene	8.933	237	223835	119.221	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	103066	46.097	ng	98

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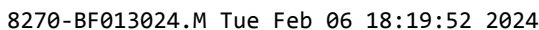
Instrument :
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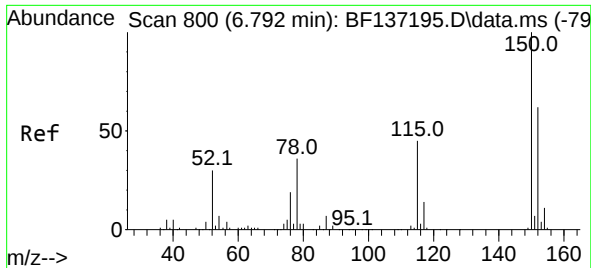
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	109183	44.675	ng	96
46) 1,1'-Biphenyl	9.251	154	408693	43.603	ng	97
47) 2-Chloronaphthalene	9.269	162	294374	42.438	ng	96
48) 2-Nitroaniline	9.369	65	101342	45.139	ng	94
49) Acenaphthylene	9.686	152	473496	42.639	ng	99
50) Dimethylphthalate	9.551	163	349460	43.909	ng	100
51) 2,6-Dinitrotoluene	9.616	165	76678	45.181	ng	90
52) Acenaphthene	9.857	154	284346	43.567	ng	99
53) 3-Nitroaniline	9.786	138	22979	15.046	ng	92
54) 2,4-Dinitrophenol	9.886	184	80750	103.000	ng	95
55) Dibenzofuran	10.033	168	443216	42.684	ng	98
56) 4-Nitrophenol	9.951	139	93831	81.643	ng	97
57) 2,4-Dinitrotoluene	10.016	165	100472	45.626	ng	96
58) Fluorene	10.375	166	347672	42.710	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.110	232	100684	44.277	ng	95
60) Diethylphthalate	10.257	149	340610	43.465	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	177008	43.747	ng	95
62) 4-Nitroaniline	10.404	138	55766	38.147	ng	98
63) Azobenzene	10.533	77	361377	41.639	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	54489	50.020	ng	98
66) n-Nitrosodiphenylamine	10.492	169	287262	46.179	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	109660	48.747	ng	94
68) Hexachlorobenzene	10.922	284	117487	46.757	ng	97
69) Atrazine	11.022	200	66808	32.533	ng	97
70) Pentachlorophenol	11.122	266	149557	103.829	ng	97
71) Phenanthrene	11.345	178	484847	45.269	ng	99
72) Anthracene	11.392	178	497563	44.571	ng	98
73) Carbazole	11.551	167	407082	43.634	ng	99
74) Di-n-butylphthalate	11.892	149	504406	50.016	ng	100
75) Fluoranthene	12.533	202	496102	44.266	ng	99
77) Benzidine	12.680	184	19451	8.492	ng	99
78) Pyrene	12.763	202	500245	40.693	ng	99
80) Butylbenzylphthalate	13.398	149	183545	58.366	ng	92
81) Benzo(a)anthracene	13.963	228	402095	44.384	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	56963	23.078	ng	99
83) Chrysene	13.998	228	404538	45.420	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	252348	68.973	ng	99
85) Di-n-octyl phthalate	14.586	149	414078	71.179	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	475386	48.634	ng	99
88) Benzo(b)fluoranthene	15.021	252	387058	45.236	ng	98
89) Benzo(k)fluoranthene	15.057	252	369677	40.840	ng	98
90) Benzo(a)pyrene	15.398	252	345617	42.922	ng	97
91) Dibenzo(a,h)anthracene	16.992	278	380831	48.623	ng	97
92) Benzo(g,h,i)perylene	17.421	276	374686	48.741	ng	100

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

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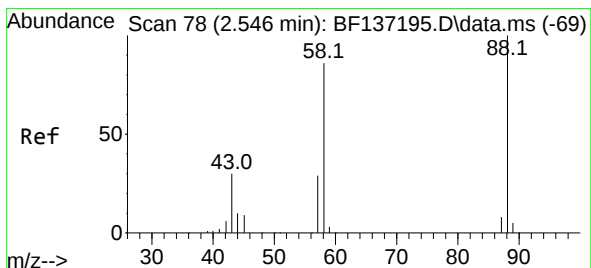
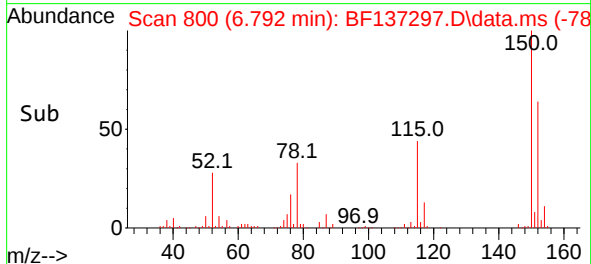
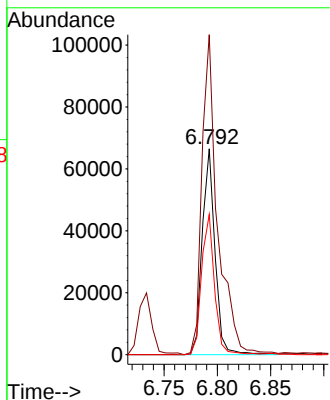
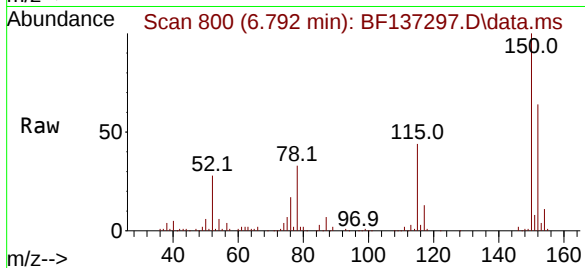




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF137297.D
 Acq: 06 Feb 2024 17:53

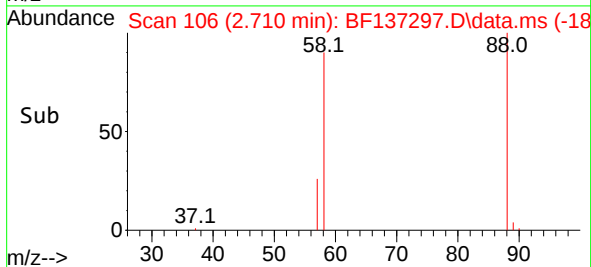
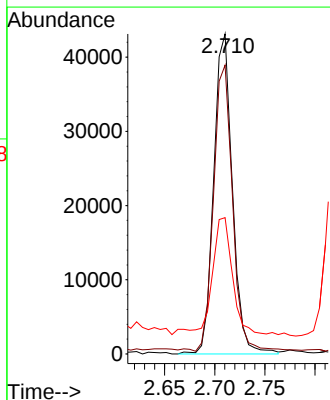
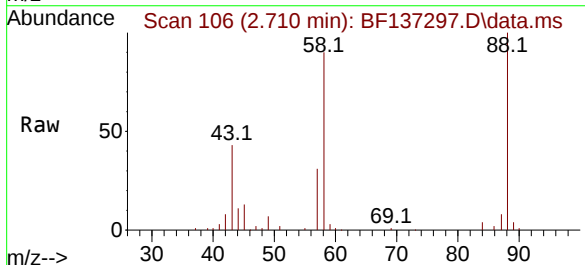
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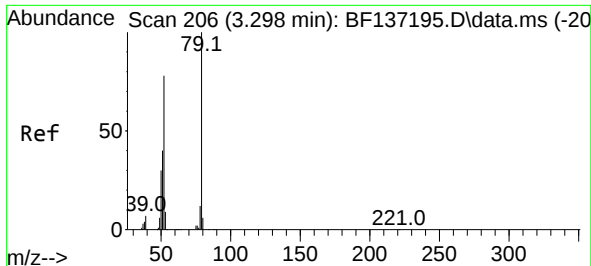
Tgt Ion:152 Resp: 55964
 Ion Ratio Lower Upper
 152 100
 150 155.3 129.8 194.8
 115 68.0 58.5 87.7



#2
 1,4-Dioxane
 Concen: 30.790 ng
 RT: 2.710 min Scan# 106
 Delta R.T. 0.165 min
 Lab File: BF137297.D
 Acq: 06 Feb 2024 17:53

Tgt Ion: 88 Resp: 55876
 Ion Ratio Lower Upper
 88 100
 58 89.4 67.8 101.8
 43 0.0 26.6 40.0#

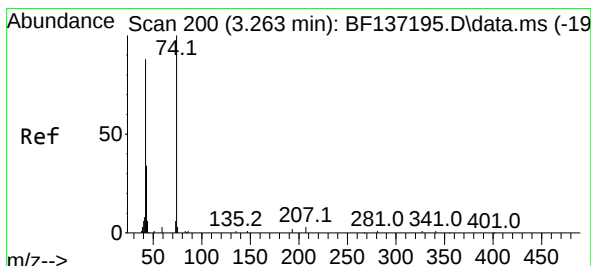
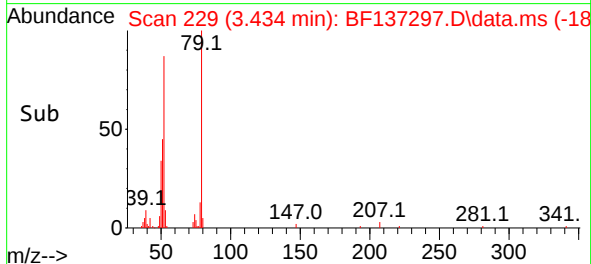
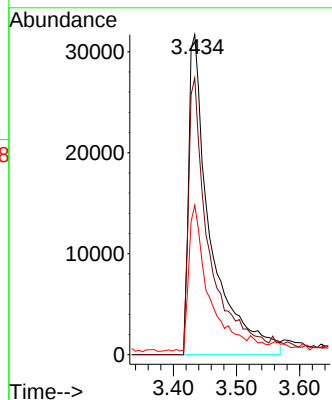
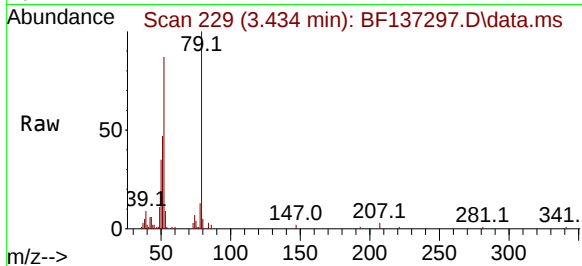




#3
Pyridine
Concen: 22.494 ng
RT: 3.434 min Scan# 219
Delta R.T. 0.136 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

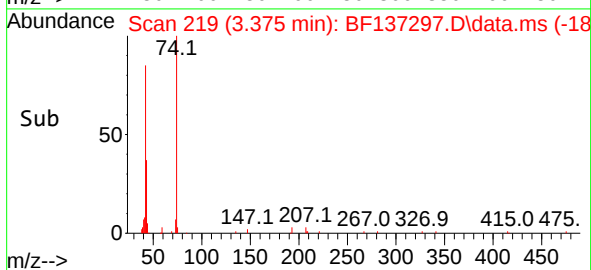
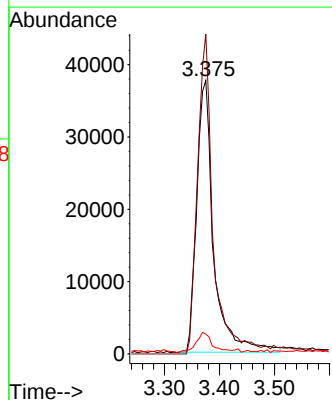
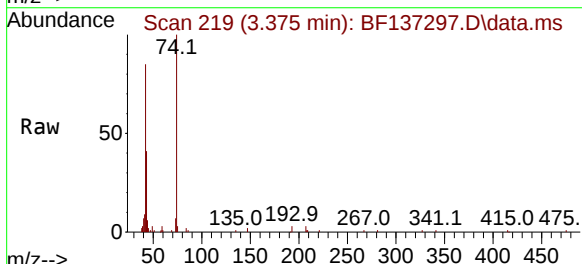
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

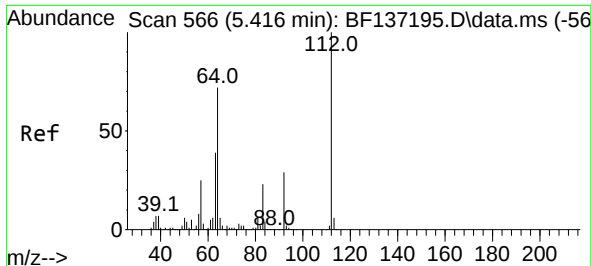
Tgt Ion: 79 Resp: 76319
Ion Ratio Lower Upper
79 100
52 86.5 62.6 94.0
51 46.7 33.0 49.4



#4
n-Nitrosodimethylamine
Concen: 43.980 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.112 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion: 42 Resp: 80263
Ion Ratio Lower Upper
42 100
74 117.0 90.5 135.7
44 7.3 6.1 9.1

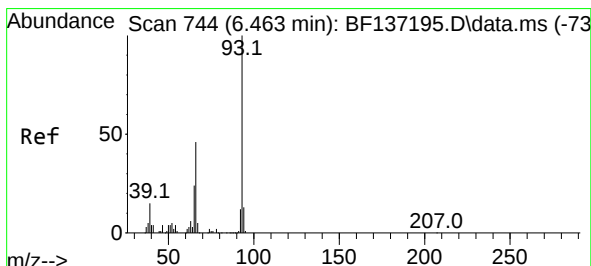
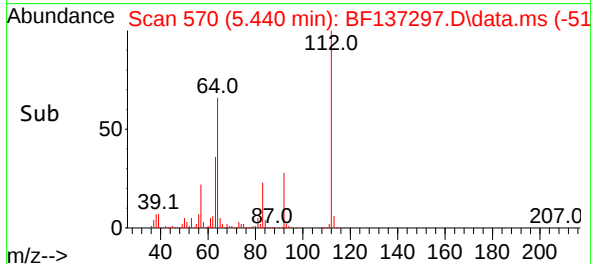
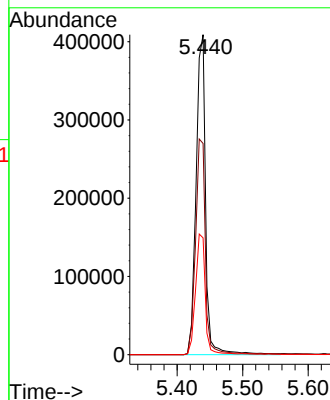
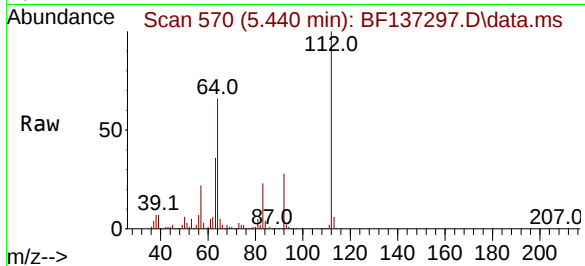




#5
2-Fluorophenol
Concen: 122.266 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

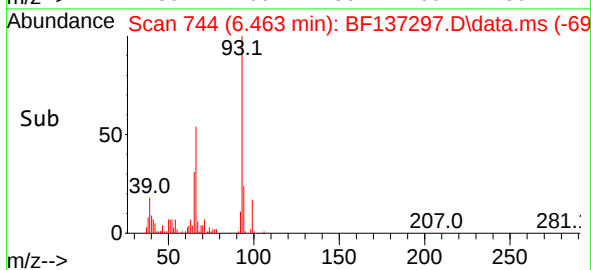
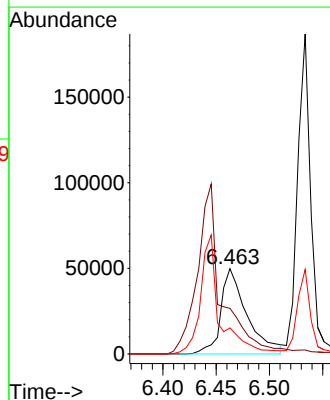
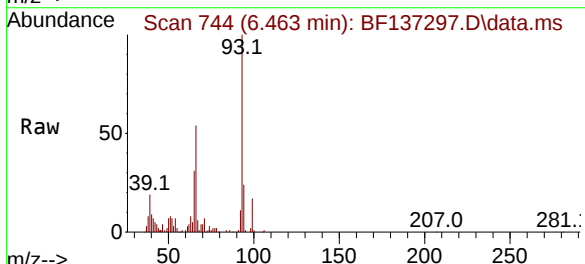
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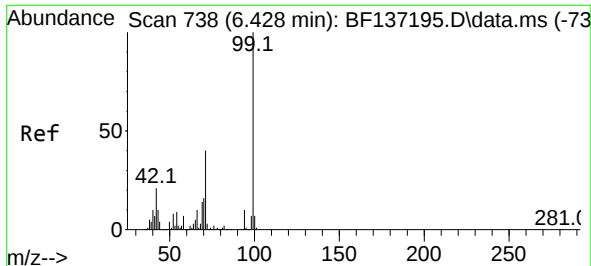
Tgt Ion:112 Resp: 414676
Ion Ratio Lower Upper
112 100
64 66.0 57.8 86.6
63 36.5 31.4 47.0



#6
Aniline
Concen: 16.376 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion: 93 Resp: 84851
Ion Ratio Lower Upper
93 100
66 53.5 37.9 56.9
65 30.6 19.0 28.4#





#7

Phenol-d6

Concen: 107.202 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

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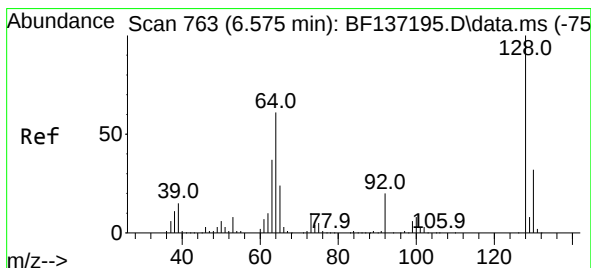
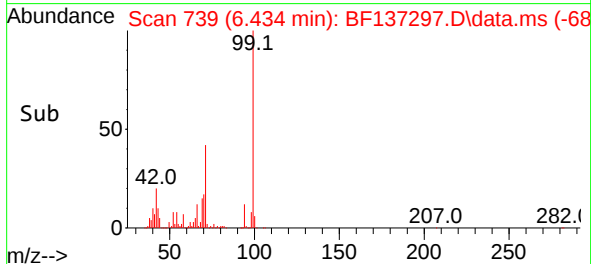
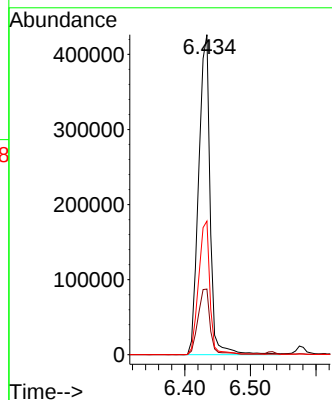
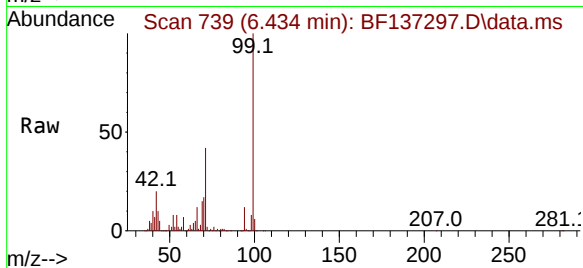
Tgt Ion: 99 Resp: 518871

Ion Ratio Lower Upper

99 100

42 20.5 16.4 24.6

71 41.8 32.4 48.6



#8

2-Chlorophenol

Concen: 42.153 ng

RT: 6.575 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF137297.D

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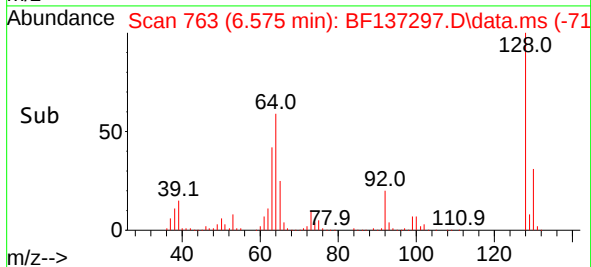
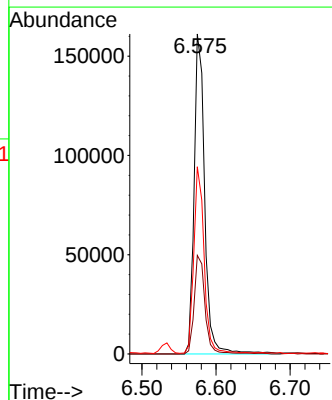
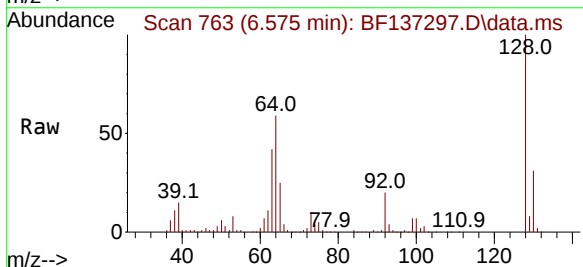
Tgt Ion: 128 Resp: 159852

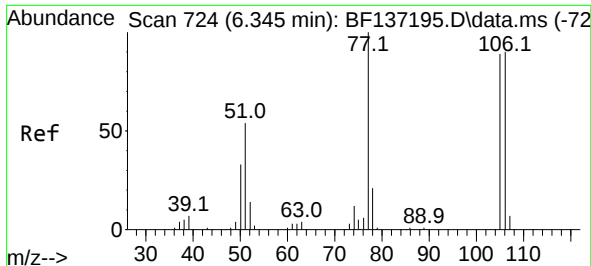
Ion Ratio Lower Upper

128 100

130 30.8 12.4 52.4

64 58.5 41.6 81.6





#9

Benzaldehyde

Concen: 7.036 ng

RT: 6.345 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

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ClientSampleId :

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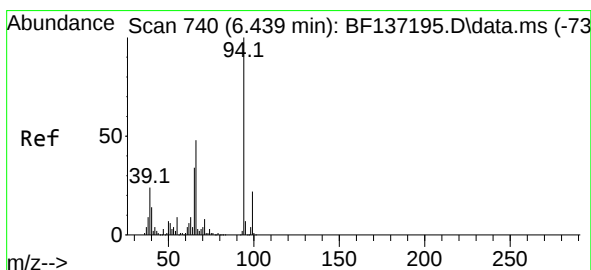
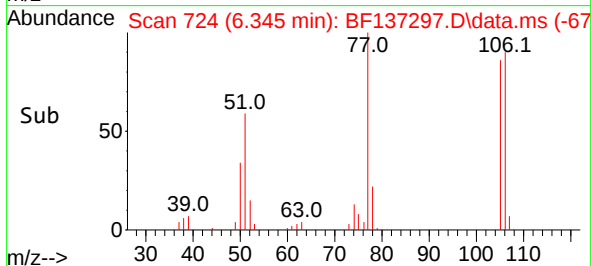
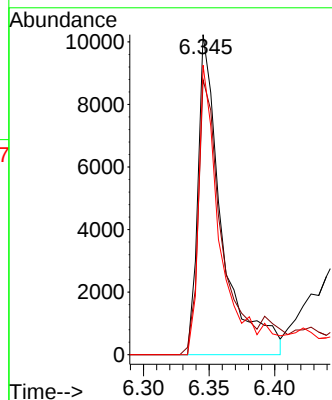
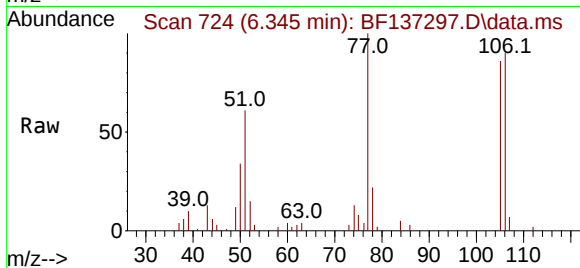
Tgt Ion: 77 Resp: 12969

Ion Ratio Lower Upper

77 100

105 85.9 69.1 109.1

106 90.5 69.6 109.6



#10

Phenol

Concen: 35.091 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

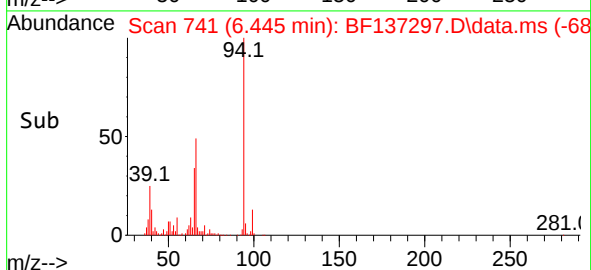
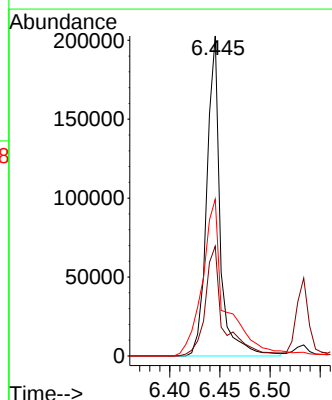
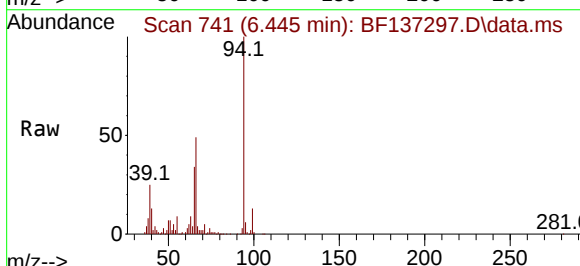
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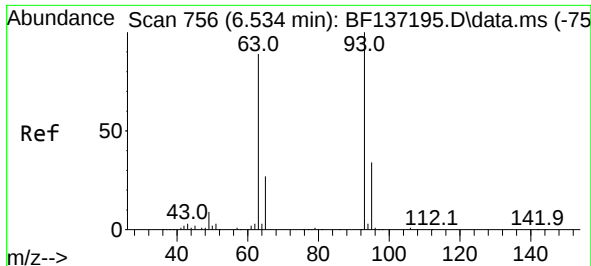
Ion Ratio Lower Upper

94 100

65 34.3 13.7 53.7

66 49.0 27.8 67.8

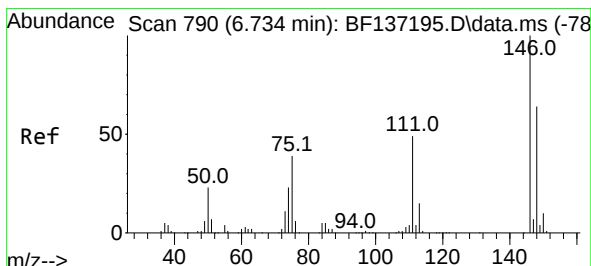
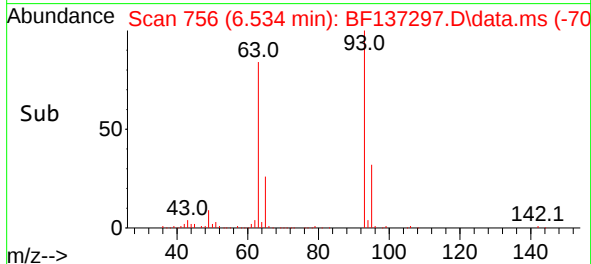
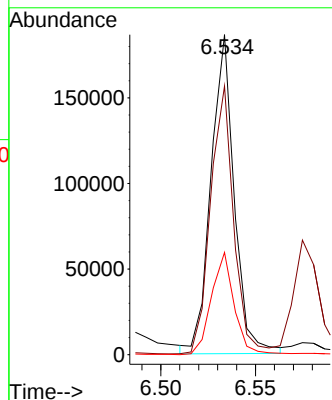
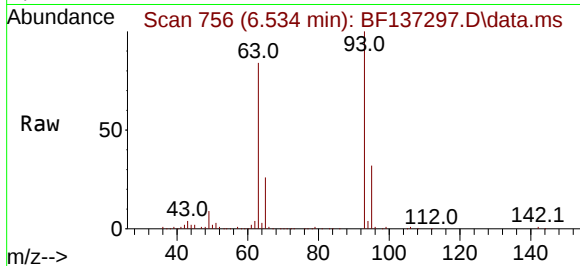




#11
bis(2-Chloroethyl)ether
Concen: 44.194 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

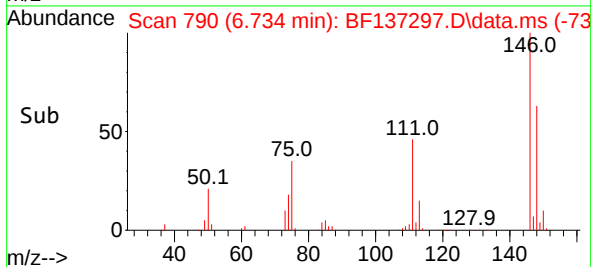
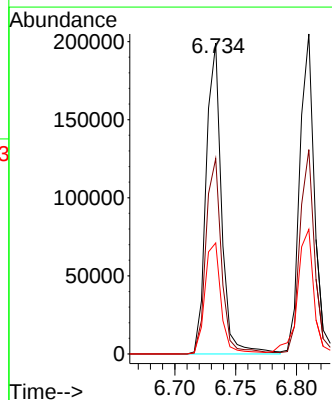
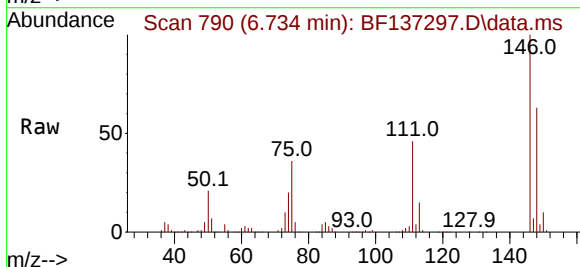
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

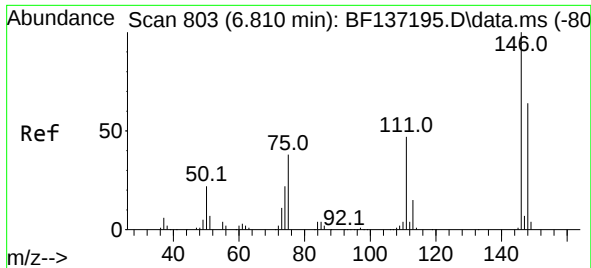
Tgt Ion: 93 Resp: 159563
Ion Ratio Lower Upper
93 100
63 84.0 66.7 106.7
95 32.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.387 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion: 146 Resp: 175121
Ion Ratio Lower Upper
146 100
148 62.9 51.4 77.0
75 35.7 31.3 46.9

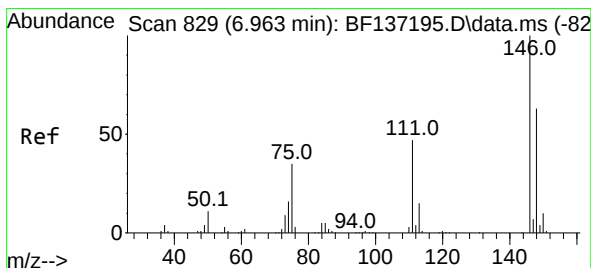
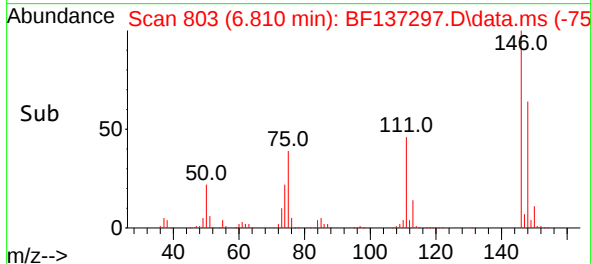
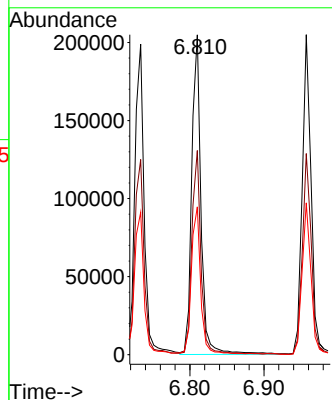
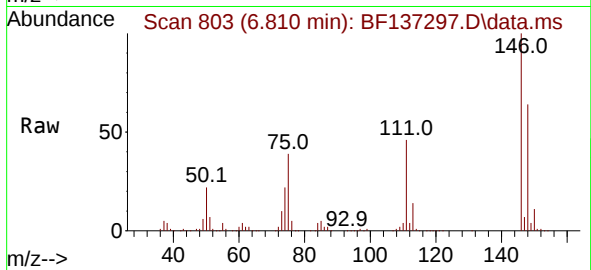




#13
1,4-Dichlorobenzene
Concen: 38.896 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

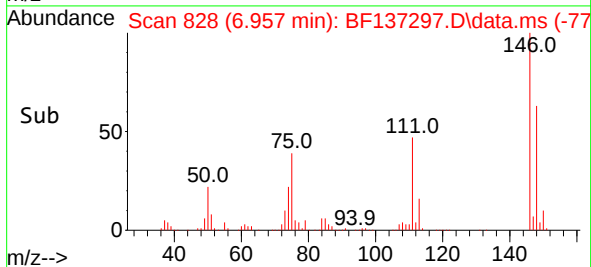
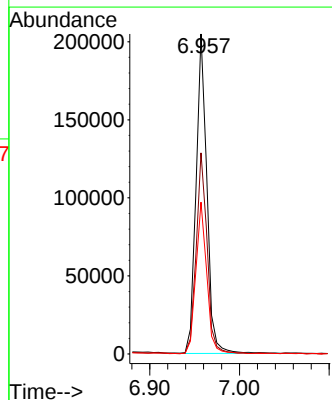
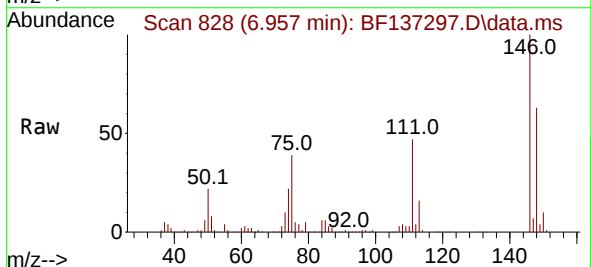
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

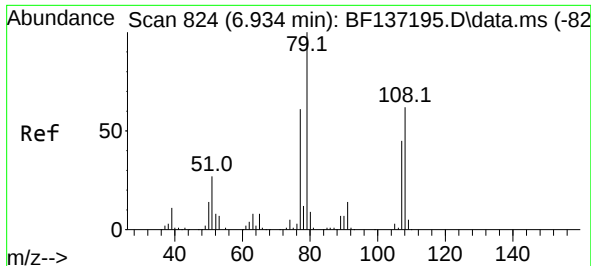
Tgt Ion:146 Resp: 178857
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 46.2 38.1 57.1



#14
1,2-Dichlorobenzene
Concen: 39.794 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:146 Resp: 171089
Ion Ratio Lower Upper
146 100
148 62.9 50.6 75.8
111 47.5 37.3 55.9

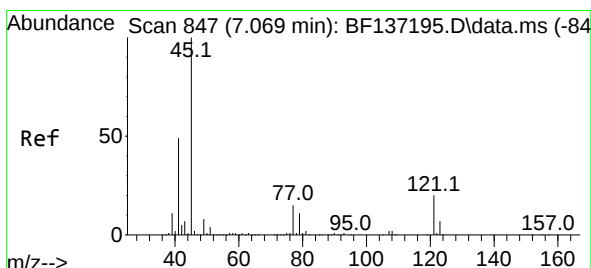
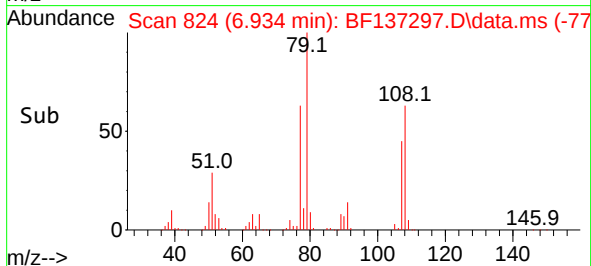
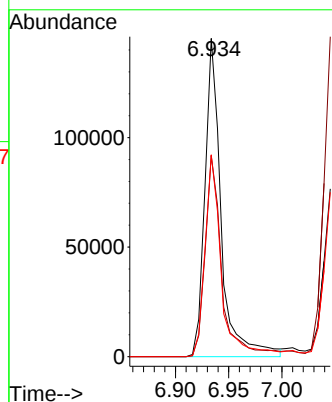
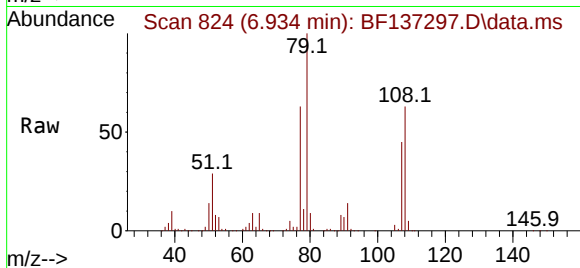




#15
Benzyl Alcohol
Concen: 45.007 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

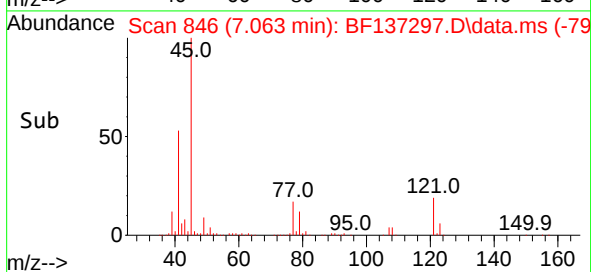
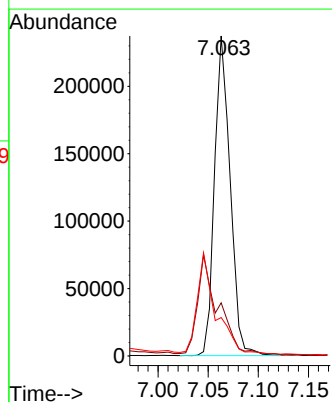
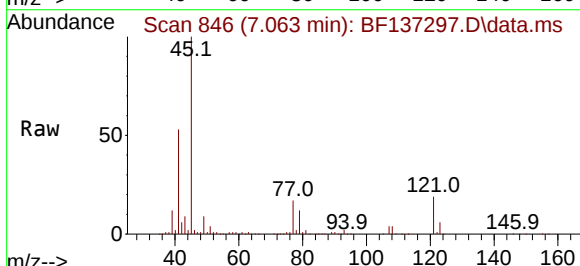
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

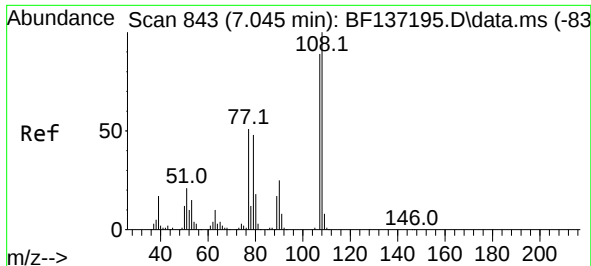
Tgt Ion: 79 Resp: 154762
Ion Ratio Lower Upper
79 100
108 63.2 49.3 73.9
77 63.5 48.8 73.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.537 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion: 45 Resp: 257146
Ion Ratio Lower Upper
45 100
77 16.6 0.0 35.9
79 12.0 0.0 32.4

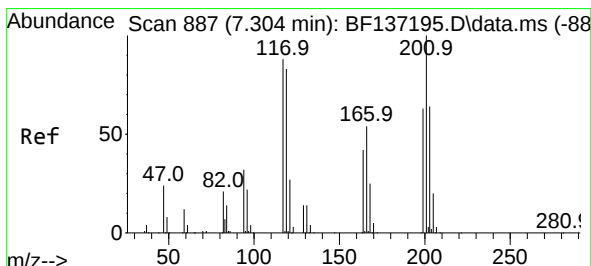
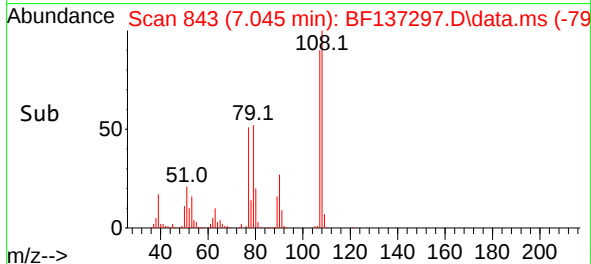
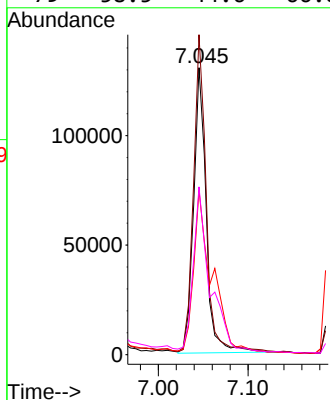
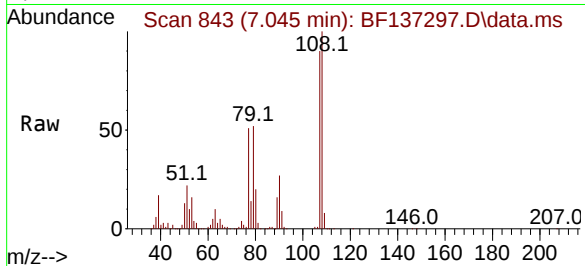




#17
2-Methylphenol
Concen: 40.164 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

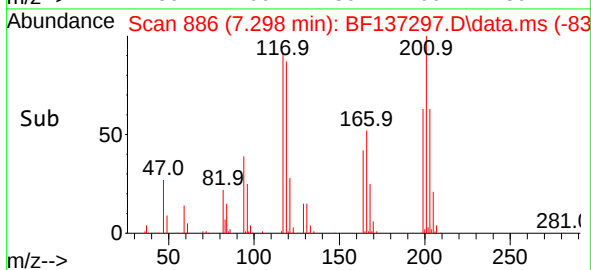
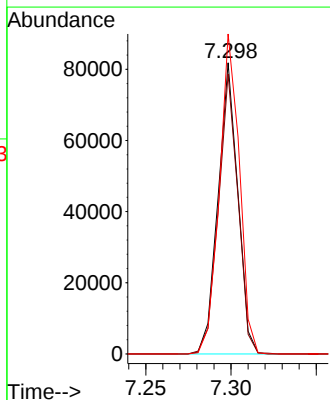
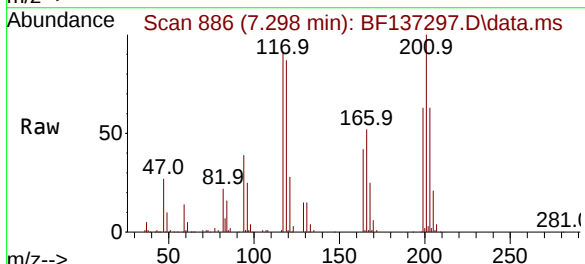
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

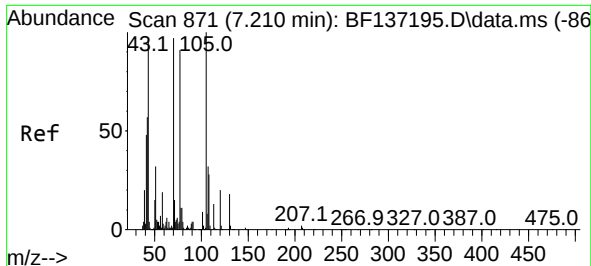
Tgt Ion:	107	Resp:	127245
Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.9	134.9
77	57.3	46.6	69.8
79	58.5	44.6	66.8



#18
Hexachloroethane
Concen: 39.721 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:	117	Resp:	65875
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.4
201	109.9	91.4	137.0

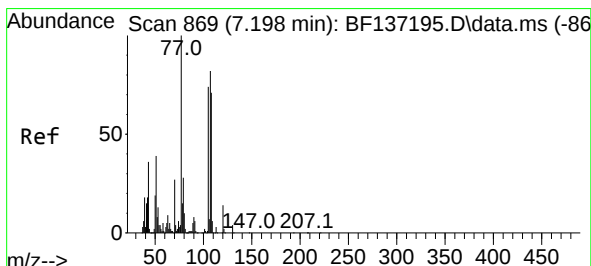
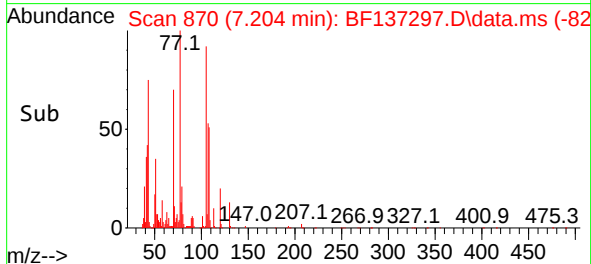
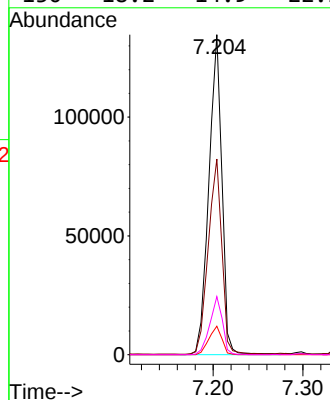
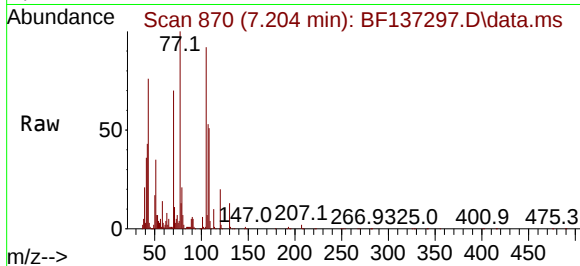




#19
n-Nitroso-di-n-propylamine
Concen: 41.039 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

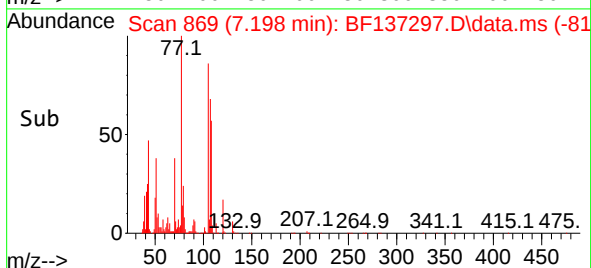
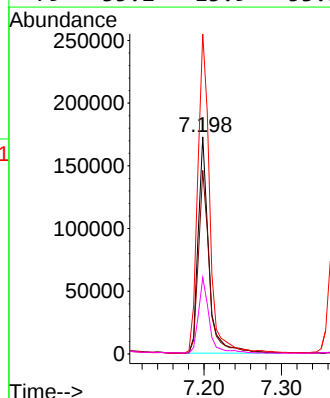
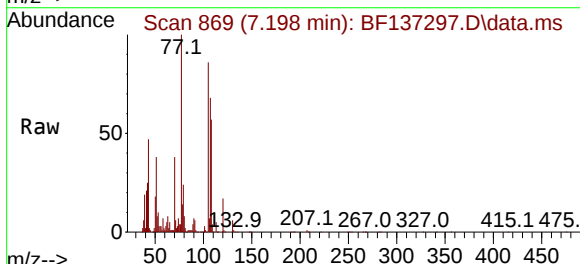
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

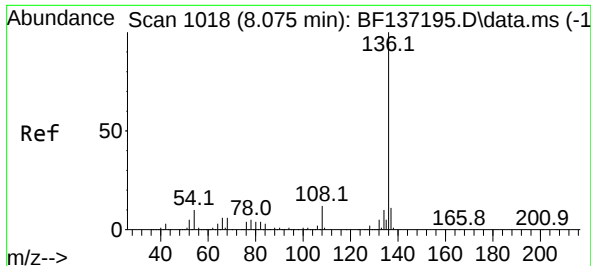
Tgt Ion: 70 Resp: 136194
Ion Ratio Lower Upper
70 100
42 61.2 47.2 70.8
101 8.9 7.4 11.0
130 18.2 14.9 22.3



#20
3+4-Methylphenols
Concen: 41.263 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:107 Resp: 165490
Ion Ratio Lower Upper
107 100
108 84.5 66.3 106.3
77 147.4 101.4 141.4#
79 35.2 13.9 53.9



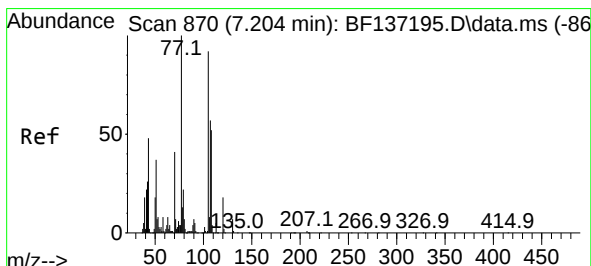
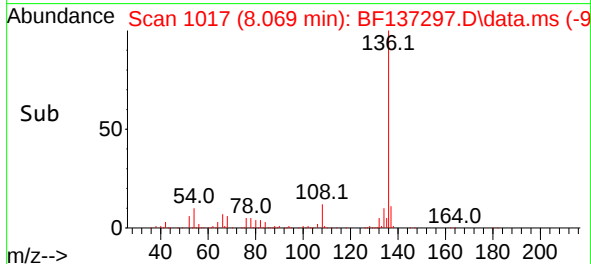
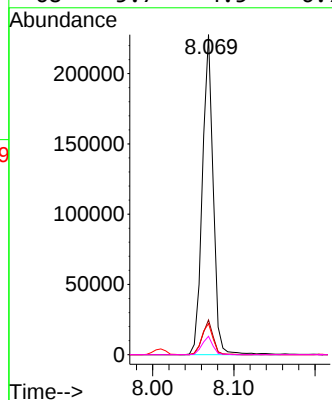
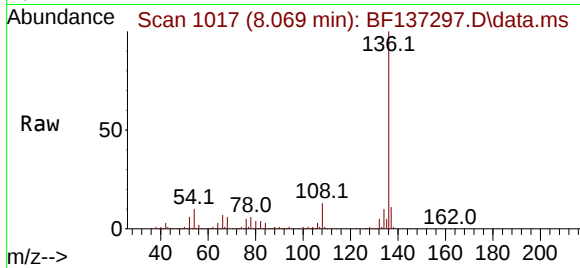


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

Tgt Ion:136 Resp: 210459

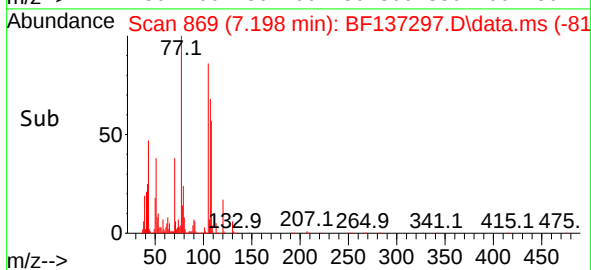
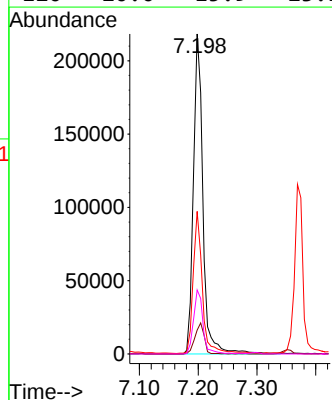
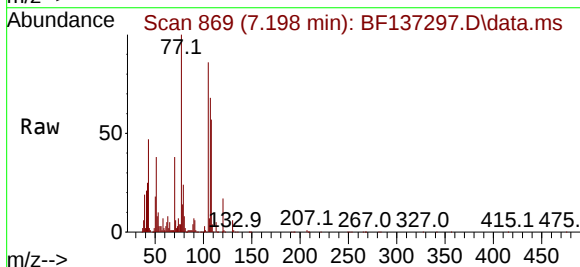
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.7	7.8	11.8
68	5.7	4.5	6.7

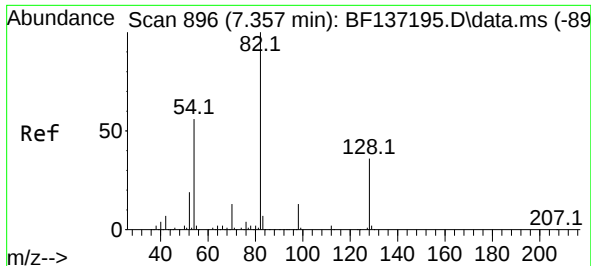


#22
Acetophenone
Concen: 43.452 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:105 Resp: 246195

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.7	8.5
51	44.6	32.2	48.4
120	20.0	15.9	23.9

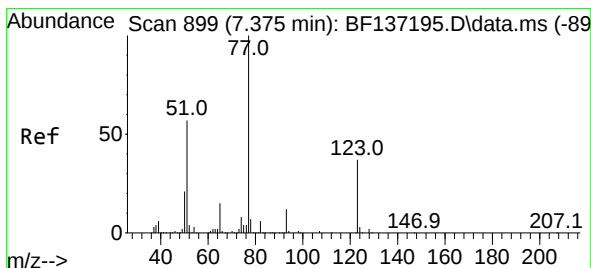
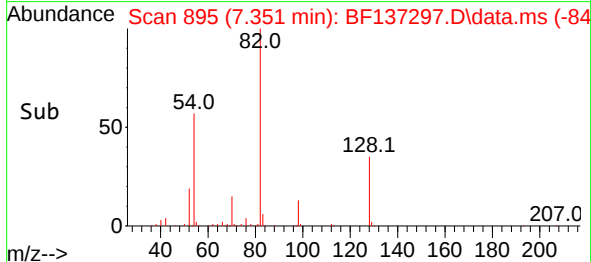
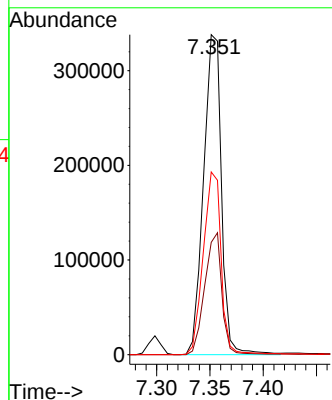
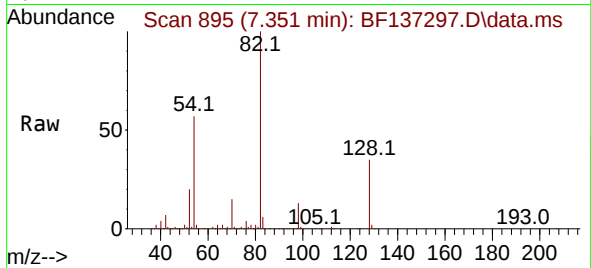




#23
Nitrobenzene-d5
Concen: 84.539 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

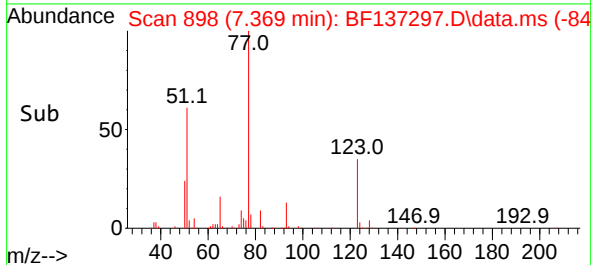
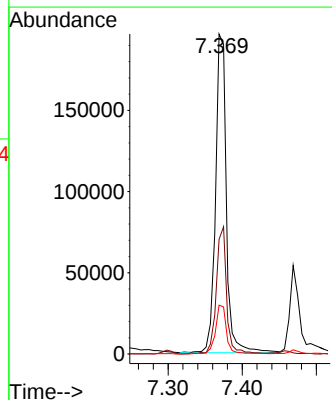
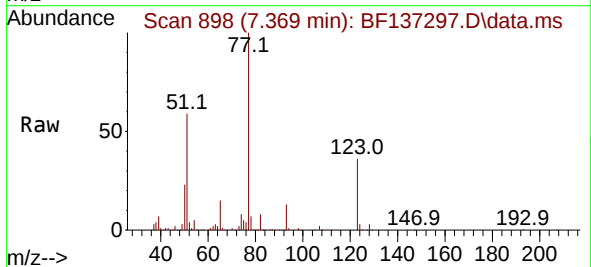
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

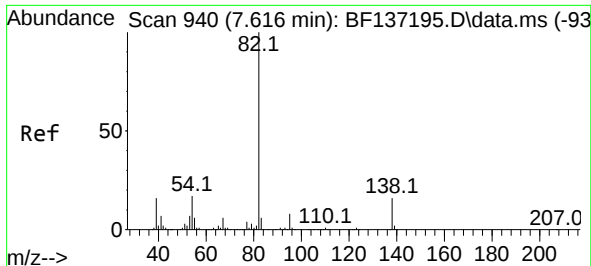
Tgt Ion: 82 Resp: 397395
Ion Ratio Lower Upper
82 100
128 35.1 29.1 43.7
54 57.1 45.0 67.6



#24
Nitrobenzene
Concen: 43.637 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion: 77 Resp: 199094
Ion Ratio Lower Upper
77 100
123 35.8 29.3 43.9
65 15.2 12.0 18.0

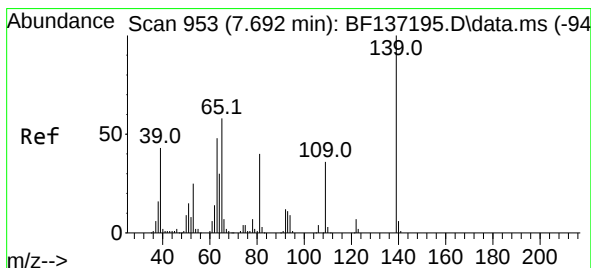
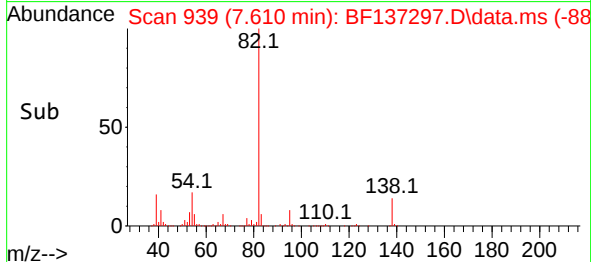
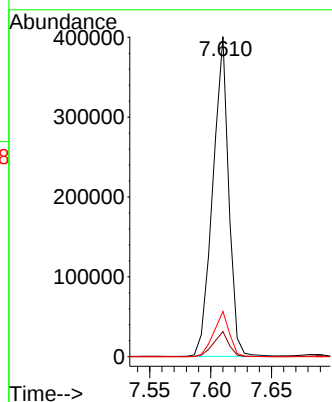
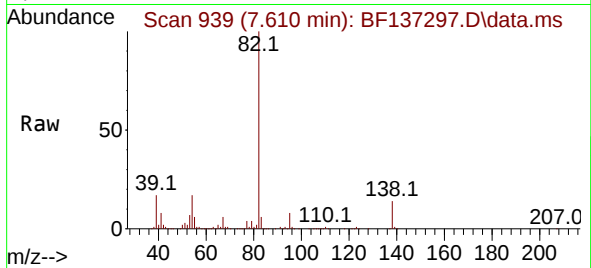




#25
Isophorone
Concen: 42.052 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

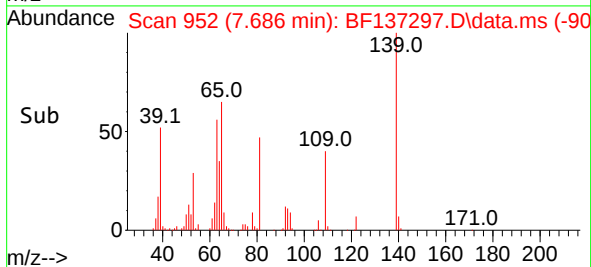
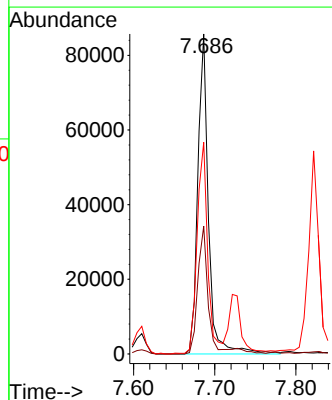
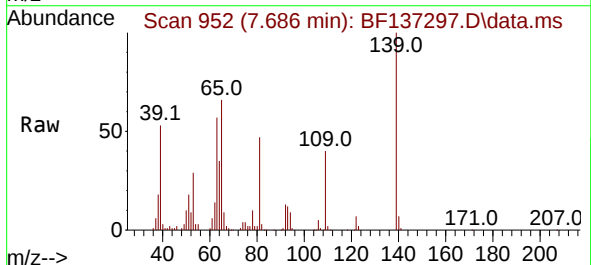
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

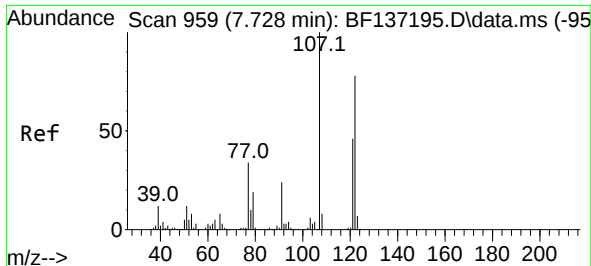
Tgt Ion: 82 Resp: 364873
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 14.1 12.7 19.1



#26
2-Nitrophenol
Concen: 44.667 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:139 Resp: 78582
Ion Ratio Lower Upper
139 100
109 40.0 28.5 42.7
65 66.1 46.7 70.1





#27

2,4-Dimethylphenol

Concen: 43.813 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1MSD

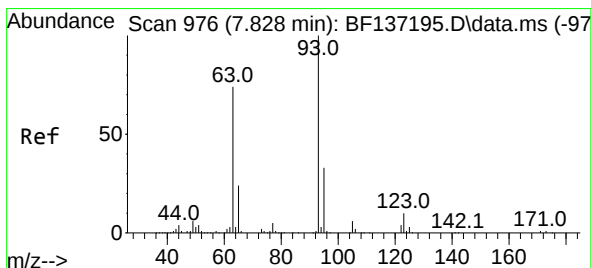
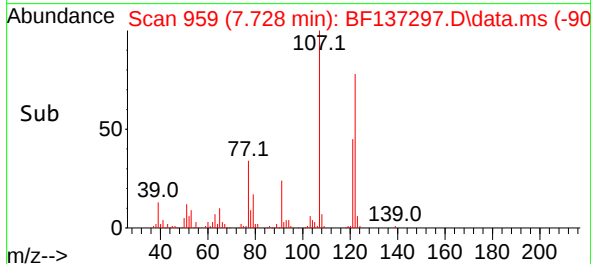
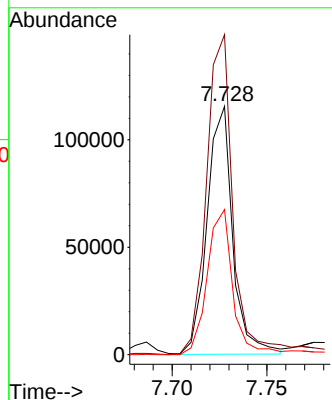
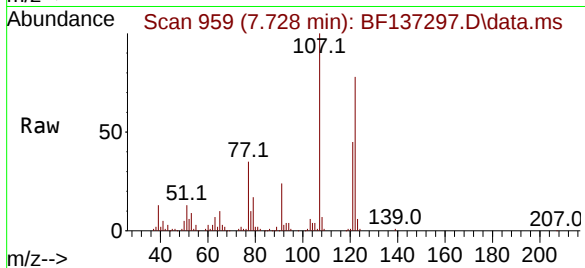
Tgt Ion:122 Resp: 108657

Ion Ratio Lower Upper

122 100

107 128.8 101.8 152.6

121 58.4 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.188 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

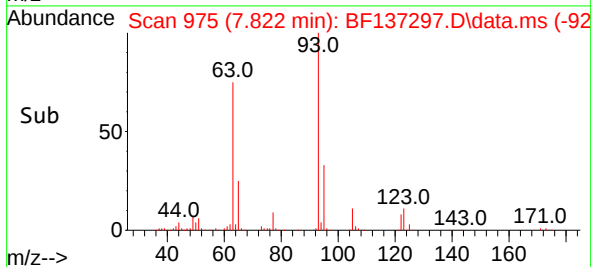
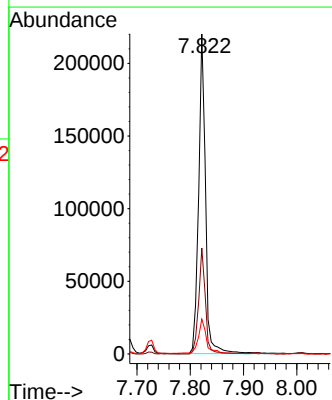
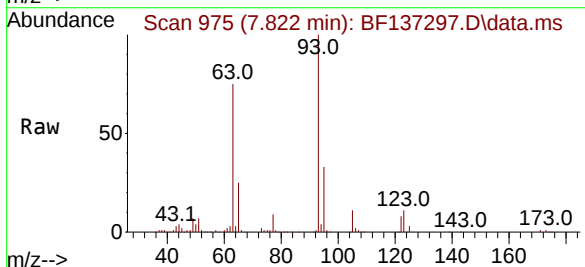
Tgt Ion: 93 Resp: 198993

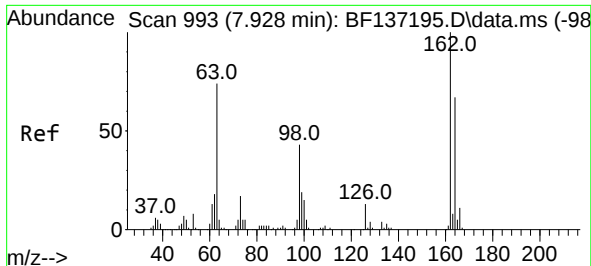
Ion Ratio Lower Upper

93 100

95 33.1 26.1 39.1

123 10.9 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 44.460 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1MSD

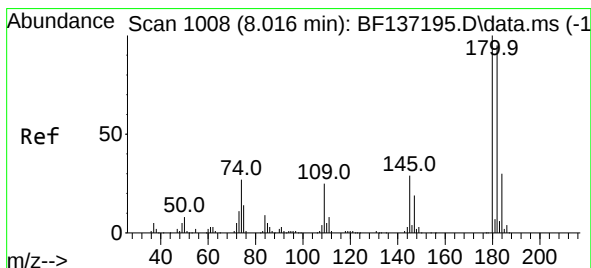
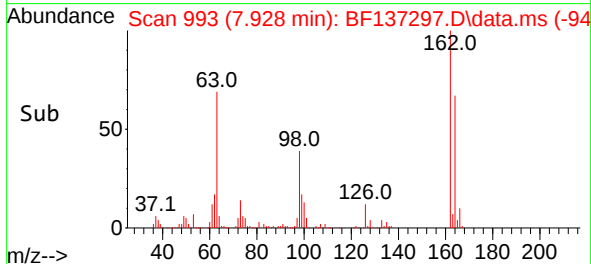
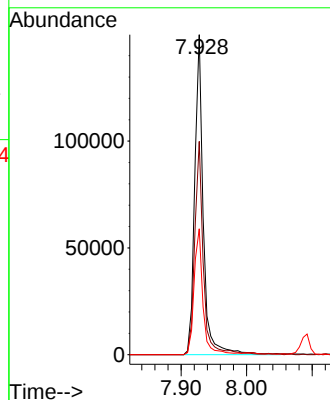
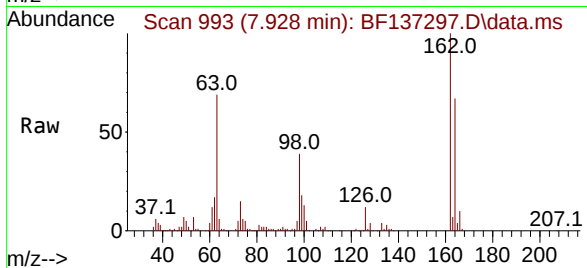
Tgt Ion:162 Resp: 136786

Ion Ratio Lower Upper

162 100

164 66.7 46.7 86.7

98 39.3 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 42.064 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

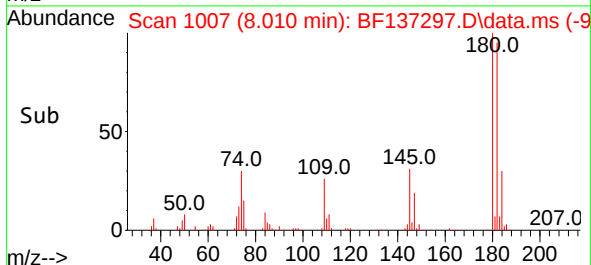
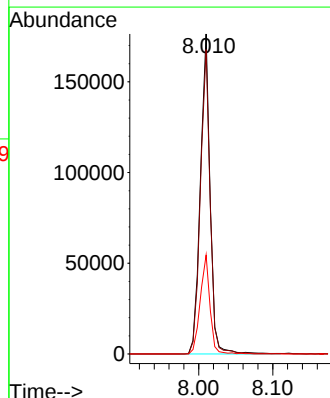
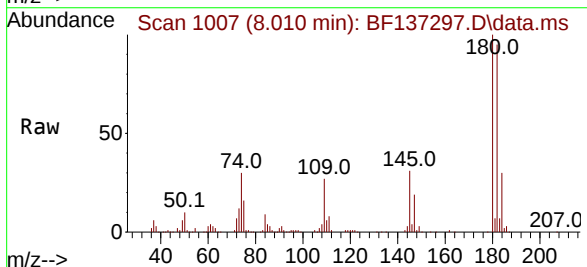
Tgt Ion:180 Resp: 160752

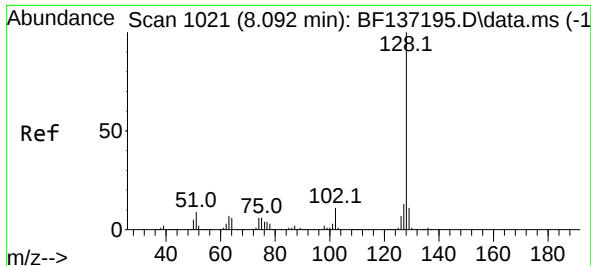
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 30.9 23.2 34.8

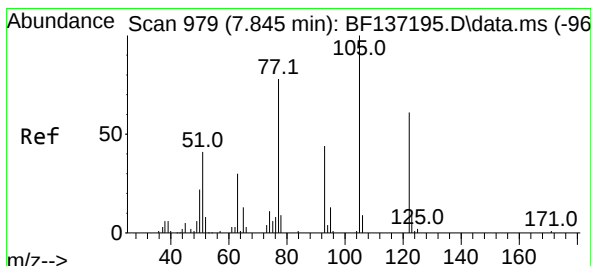
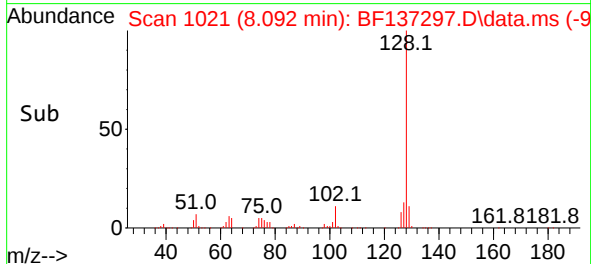
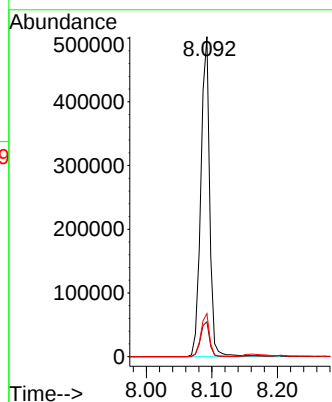
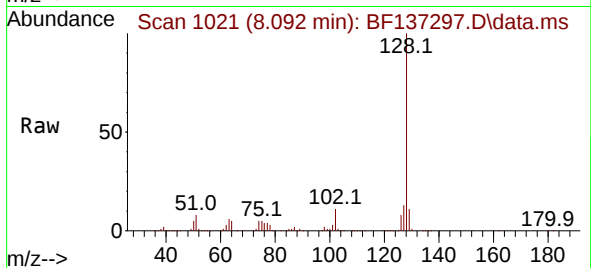




#31
Naphthalene
Concen: 41.618 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

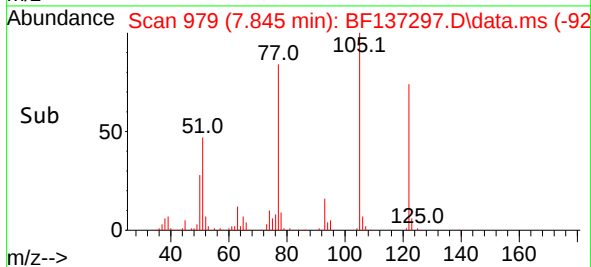
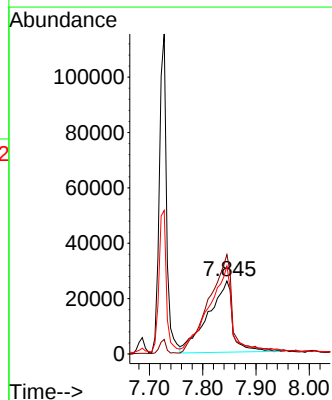
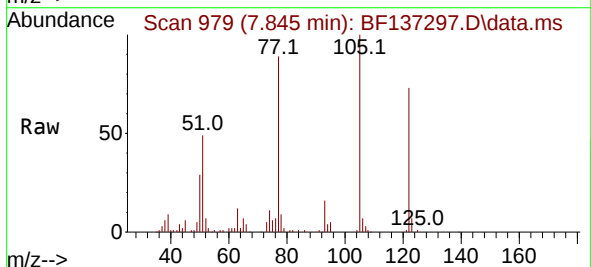
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

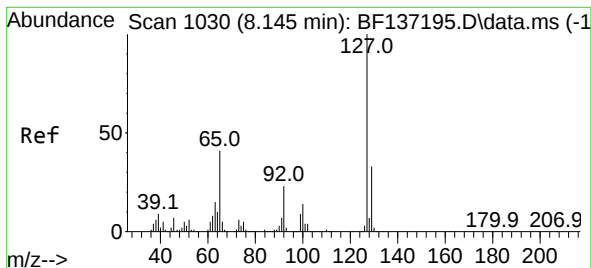
Tgt Ion:128 Resp: 473519
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.5 10.5 15.7



#32
Benzoic acid
Concen: 47.819 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:122 Resp: 83430
Ion Ratio Lower Upper
122 100
105 136.1 122.5 162.5
77 120.6 96.4 136.4





#33

4-Chloroaniline

Concen: 2.388 ng

RT: 8.163 min Scan# 1033

Delta R.T. 0.018 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1MSD

Tgt Ion:127 Resp: 9346

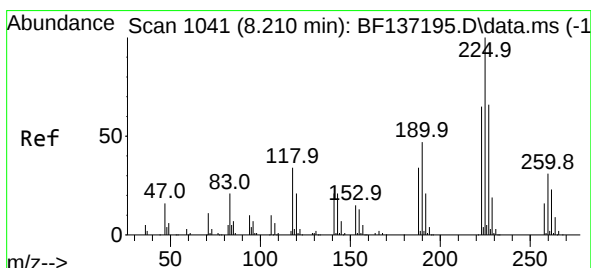
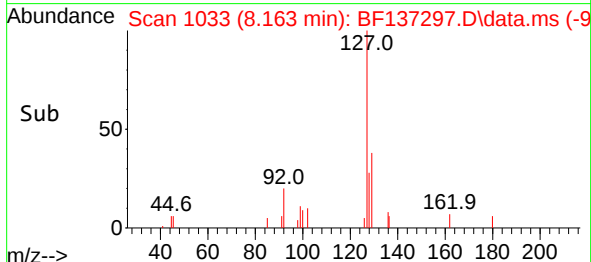
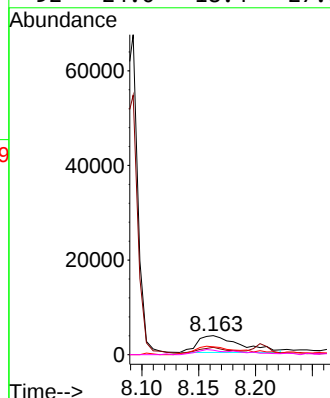
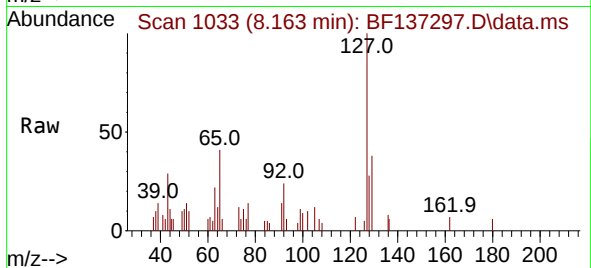
Ion Ratio Lower Upper

127 100

129 38.4 26.8 40.2

65 41.1 32.9 49.3

92 24.0 18.4 27.6



#34

Hexachlorobutadiene

Concen: 43.421 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

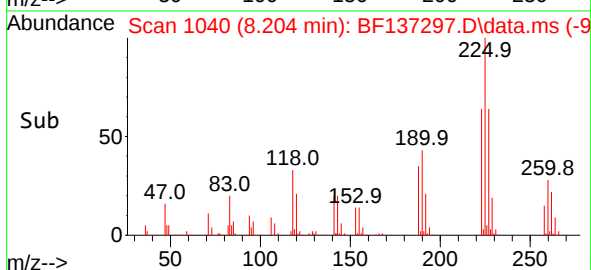
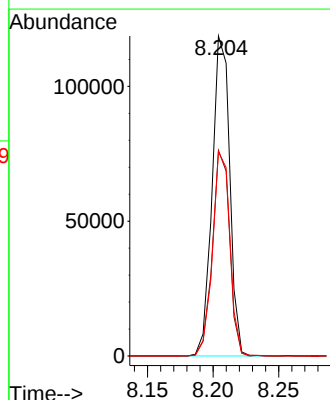
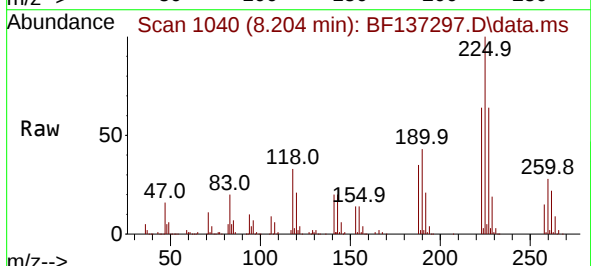
Tgt Ion:225 Resp: 110335

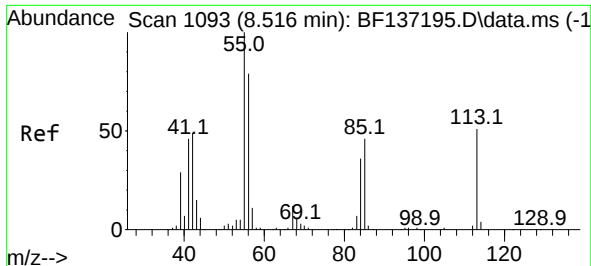
Ion Ratio Lower Upper

225 100

223 64.3 52.0 78.0

227 63.9 52.9 79.3

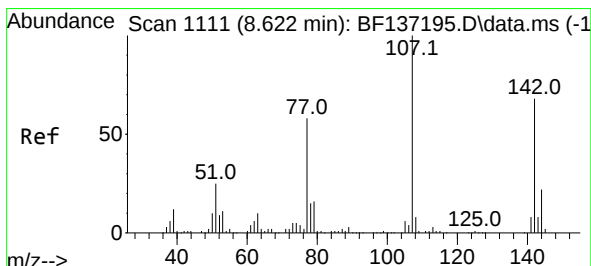
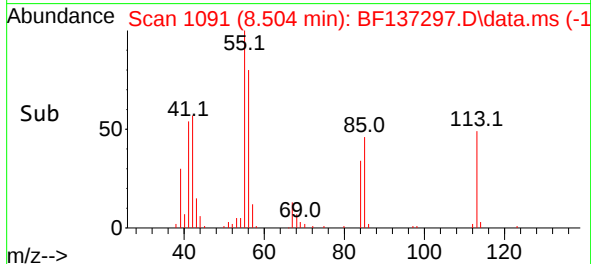
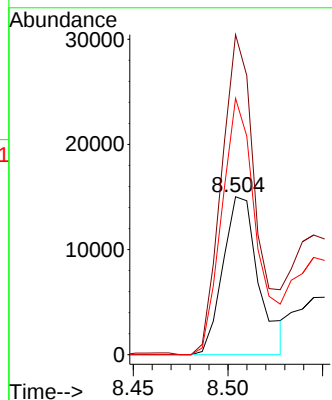
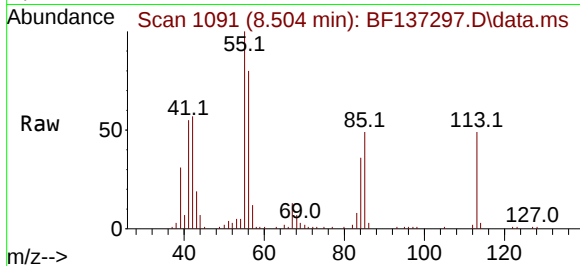




#35
 Caprolactam
 Concen: 20.602 ng
 RT: 8.504 min Scan# 1091
 Delta R.T. -0.012 min
 Lab File: BF137297.D
 Acq: 06 Feb 2024 17:53

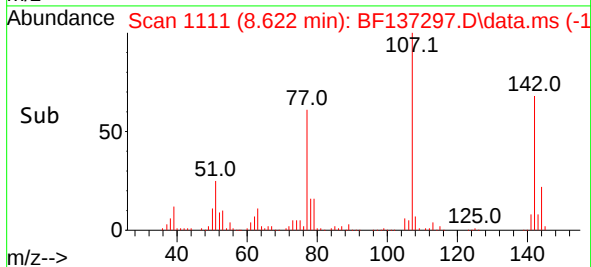
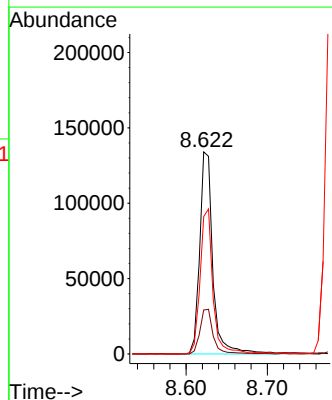
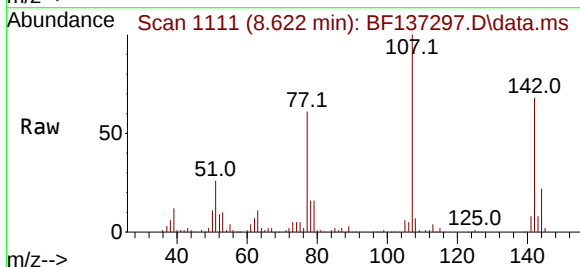
Instrument :
 BNA_F
 ClientSampleId :
 CO-11-GRID-1MSD

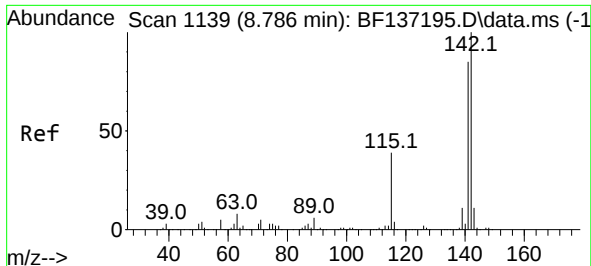
Tgt Ion:113 Resp: 19709
 Ion Ratio Lower Upper
 113 100
 55 202.6 176.0 216.0
 56 162.2 134.0 174.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.687 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF137297.D
 Acq: 06 Feb 2024 17:53

Tgt Ion:107 Resp: 151483
 Ion Ratio Lower Upper
 107 100
 144 21.8 17.2 25.8
 142 68.0 54.6 82.0





#37

2-Methylnaphthalene

Concen: 42.231 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

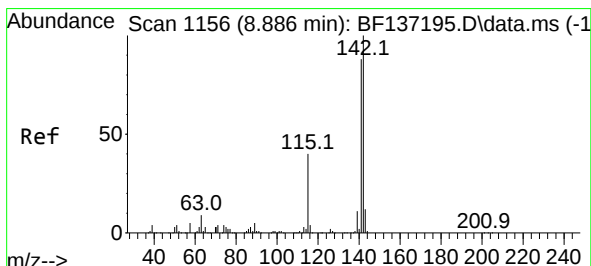
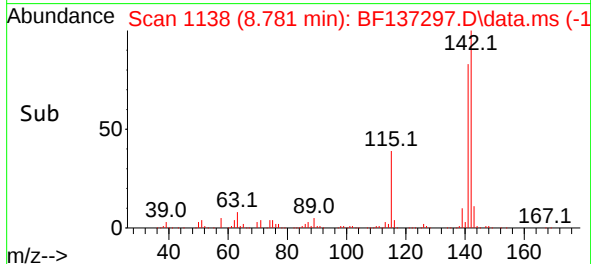
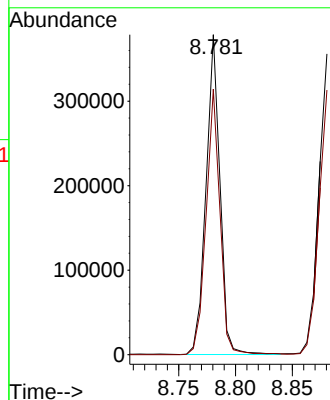
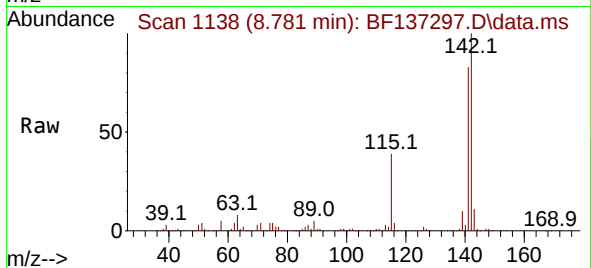
CO-11-GRID-1MSD

Tgt Ion:142 Resp: 322130

Ion Ratio Lower Upper

142 100

141 83.0 67.8 101.8



#38

1-Methylnaphthalene

Concen: 42.307 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137297.D

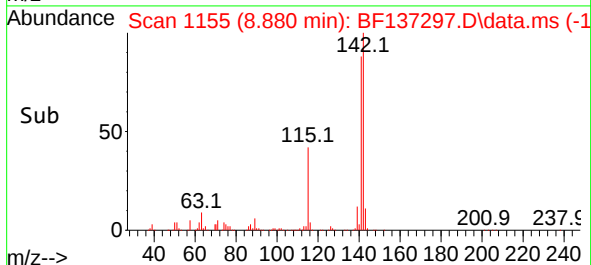
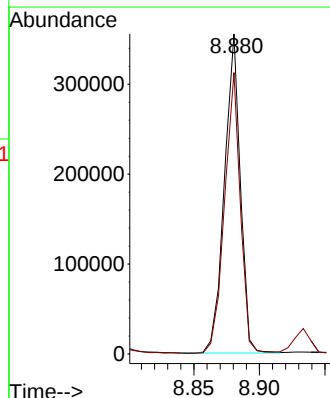
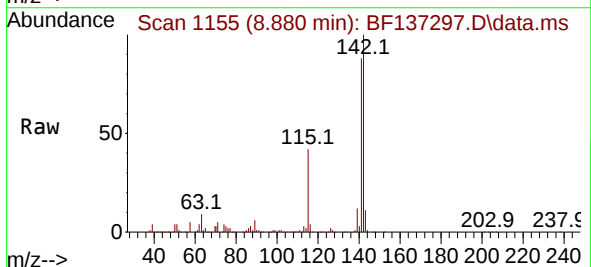
Acq: 06 Feb 2024 17:53

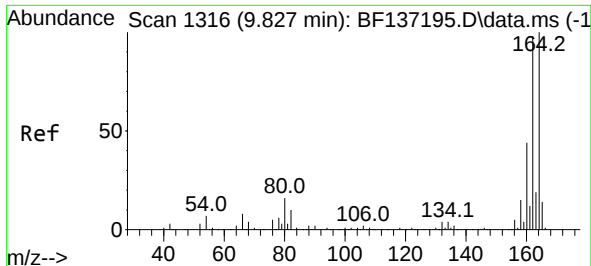
Tgt Ion:142 Resp: 299739

Ion Ratio Lower Upper

142 100

141 88.0 70.6 105.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF137297.D

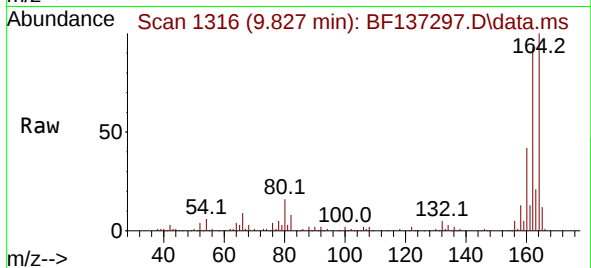
Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1MSD



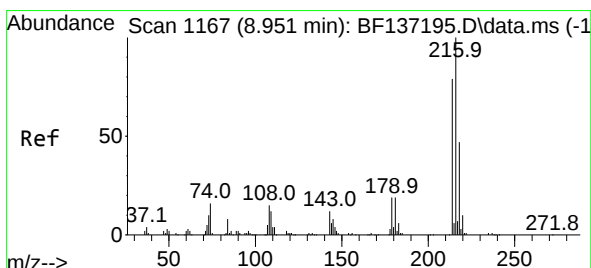
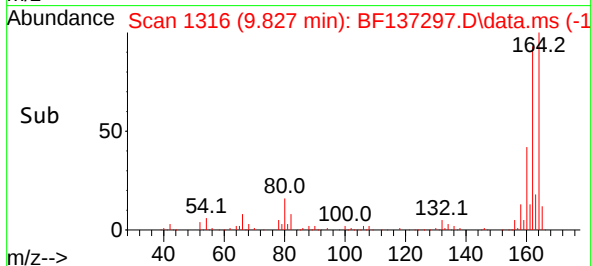
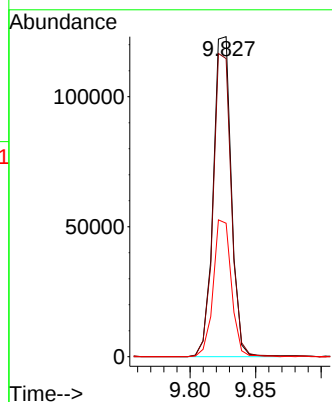
Tgt Ion:164 Resp: 117807

Ion Ratio Lower Upper

164 100

162 93.2 78.3 117.5

160 41.7 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.831 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Tgt Ion:216 Resp: 176720

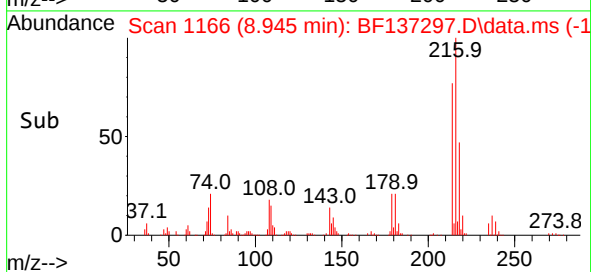
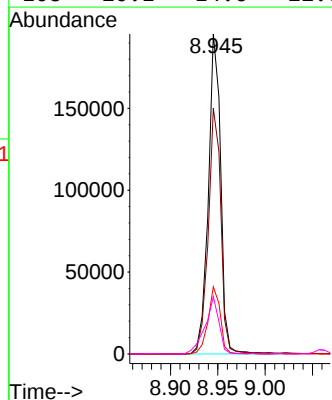
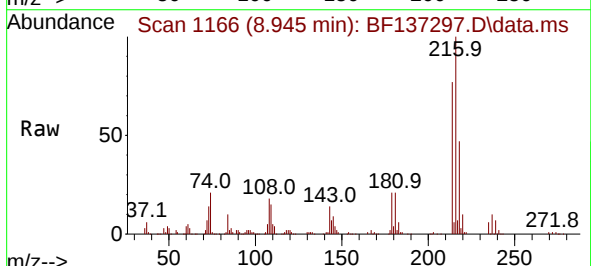
Ion Ratio Lower Upper

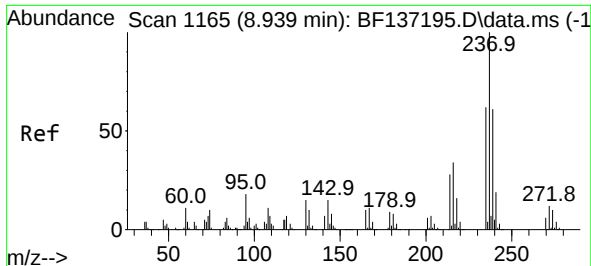
216 100

214 78.5 63.9 95.9

179 21.0 16.2 24.2

108 20.1 14.6 22.0

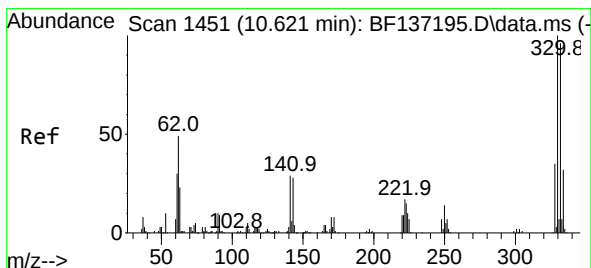
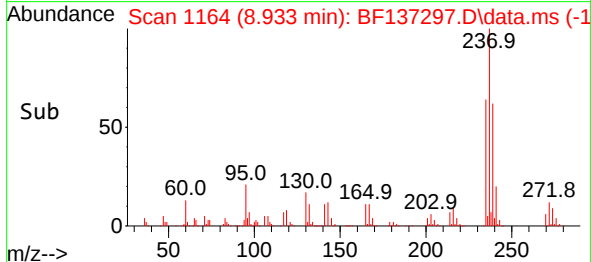
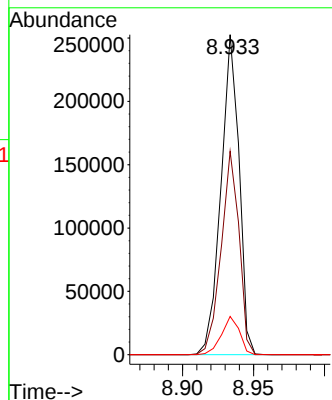
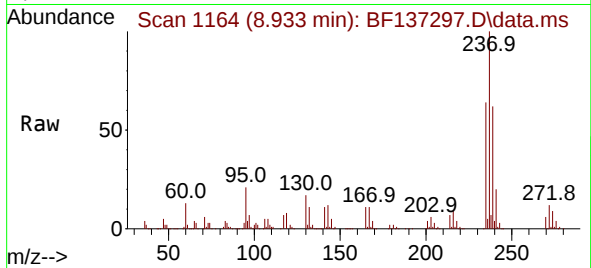




#41
Hexachlorocyclopentadiene
Concen: 119.221 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

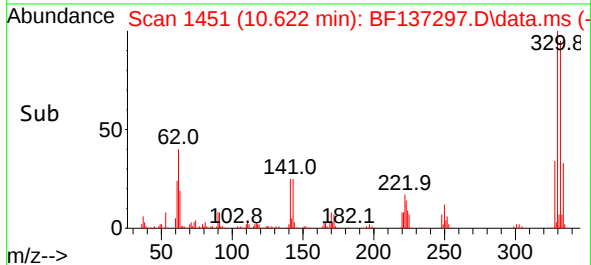
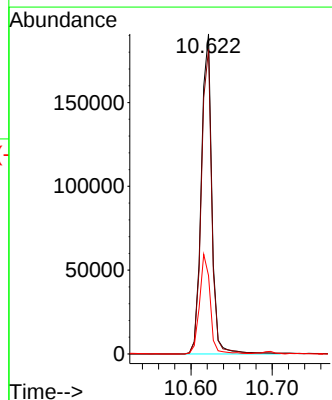
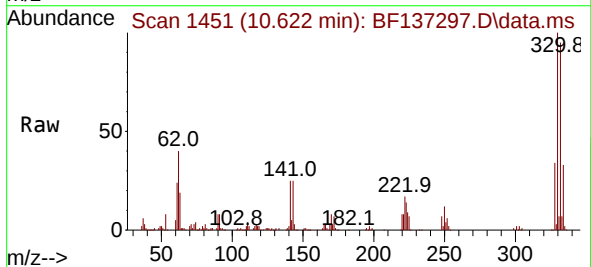
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

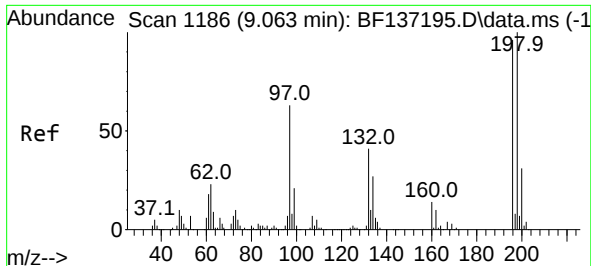
Tgt Ion:237 Resp: 223835
Ion Ratio Lower Upper
237 100
235 63.6 41.6 81.6
272 11.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 129.710 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:330 Resp: 172573
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 31.5 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 46.097 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1MSD

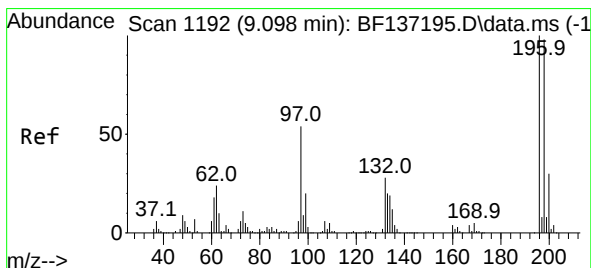
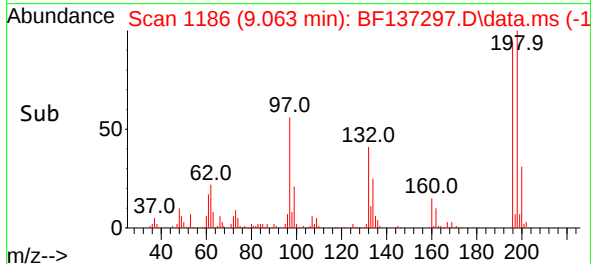
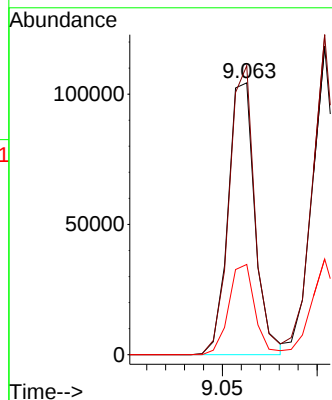
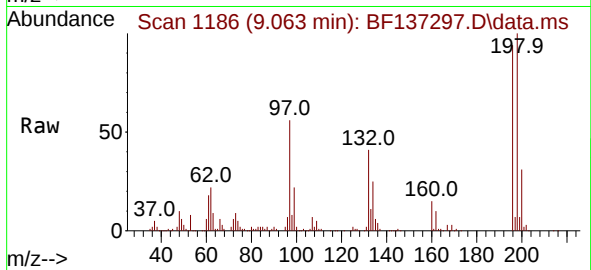
Tgt Ion:196 Resp: 103066

Ion Ratio Lower Upper

196 100

198 106.3 83.0 124.6

200 33.2 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 44.675 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Tgt Ion:196 Resp: 109183

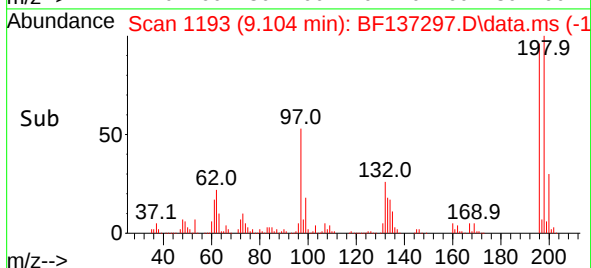
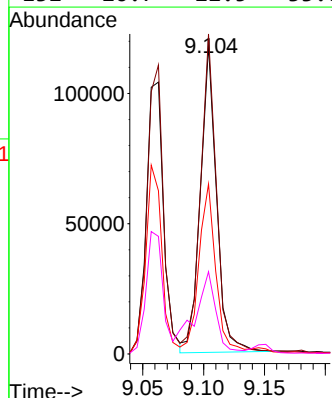
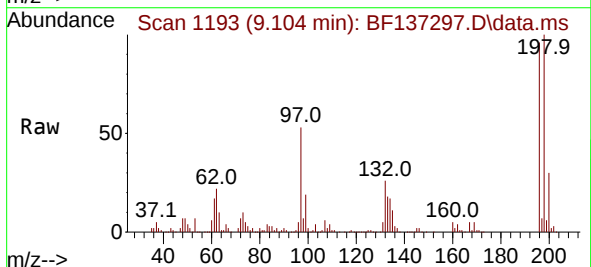
Ion Ratio Lower Upper

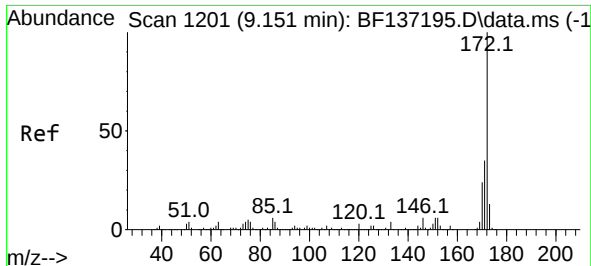
196 100

198 103.7 78.2 117.4

97 55.1 44.2 66.2

132 26.7 22.5 33.7

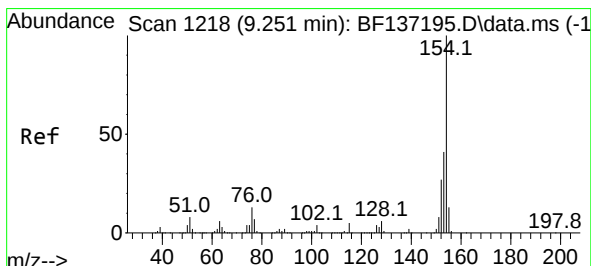
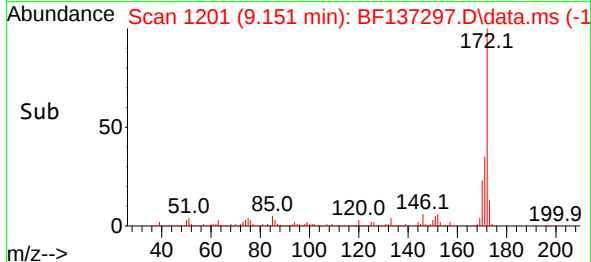
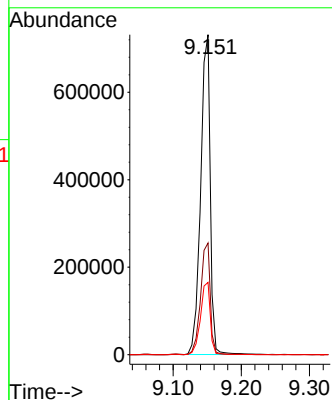
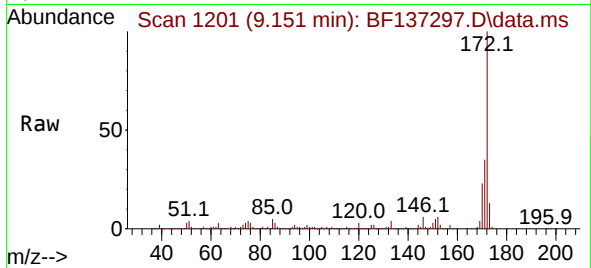




#45
2-Fluorobiphenyl
Concen: 83.653 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

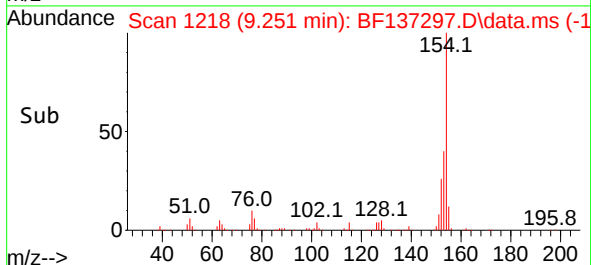
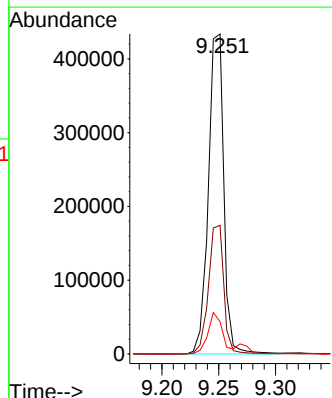
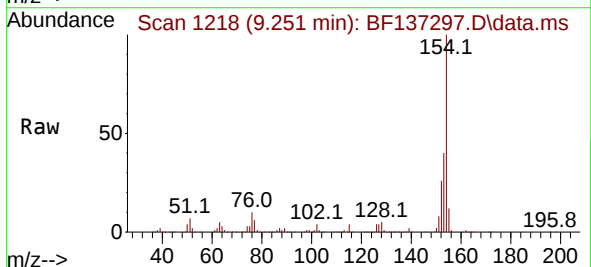
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

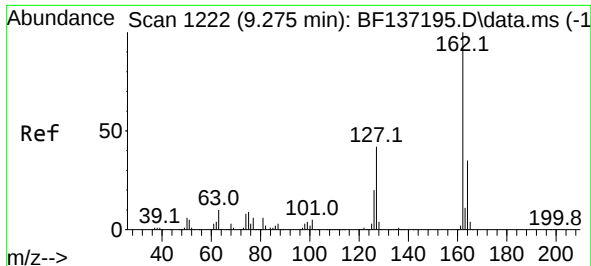
Tgt Ion:172 Resp: 716896
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.6 19.1 28.7



#46
1,1'-Biphenyl
Concen: 43.603 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:154 Resp: 408693
Ion Ratio Lower Upper
154 100
153 40.2 21.2 61.2
76 10.1 0.0 33.0





#47

2-Chloronaphthalene

Concen: 42.438 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1MSD

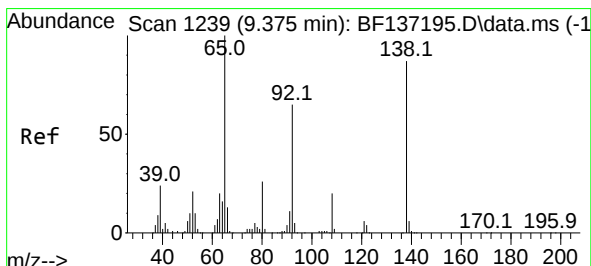
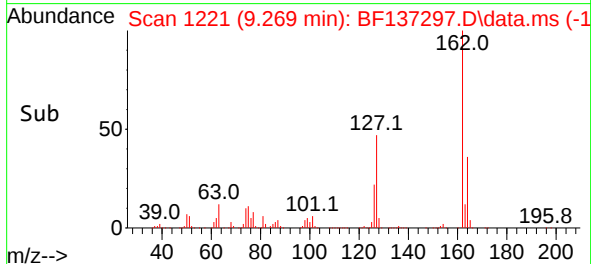
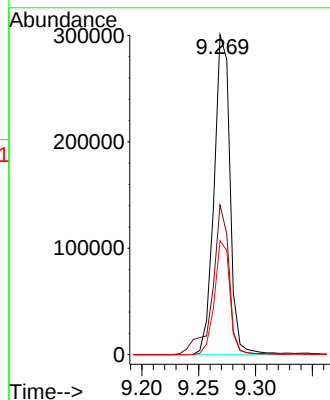
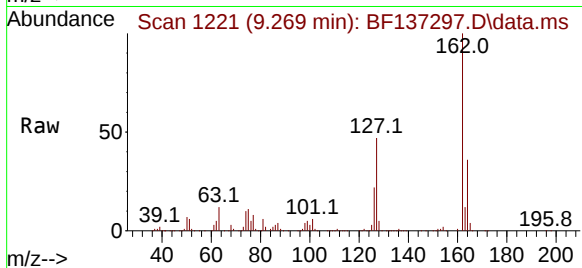
Tgt Ion:162 Resp: 294374

Ion Ratio Lower Upper

162 100

127 46.8 34.1 51.1

164 35.6 27.9 41.9



#48

2-Nitroaniline

Concen: 45.139 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

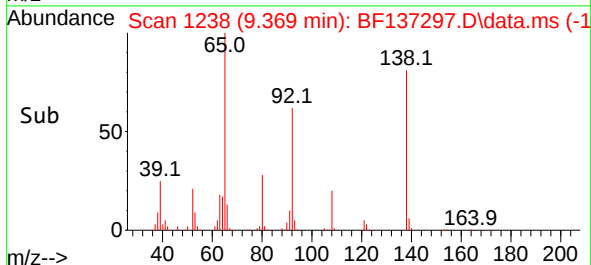
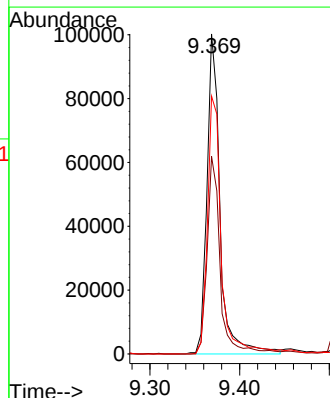
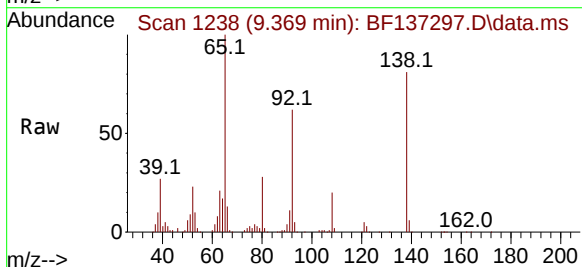
Tgt Ion: 65 Resp: 101342

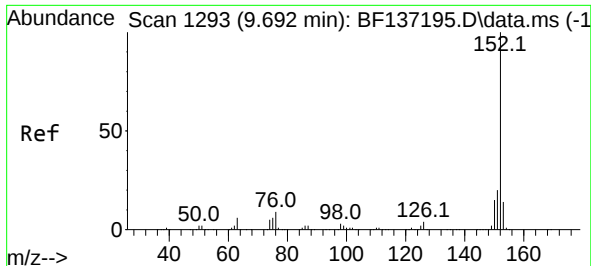
Ion Ratio Lower Upper

65 100

92 61.7 51.7 77.5

138 80.6 69.7 104.5





#49

Acenaphthylene

Concen: 42.639 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1MSD

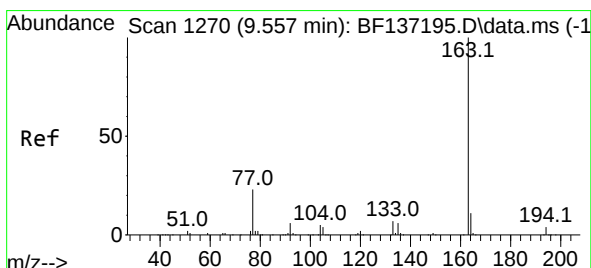
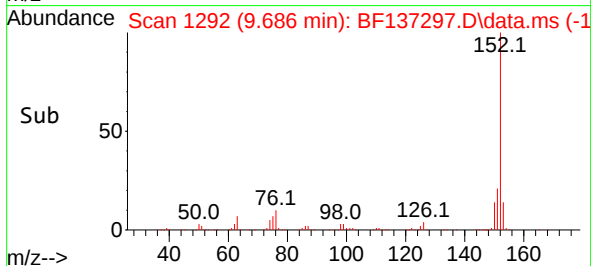
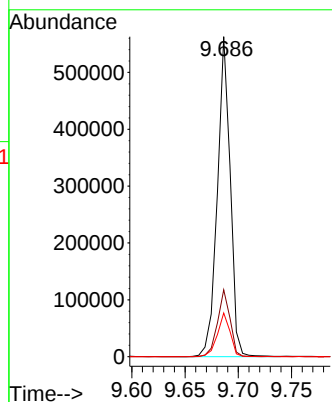
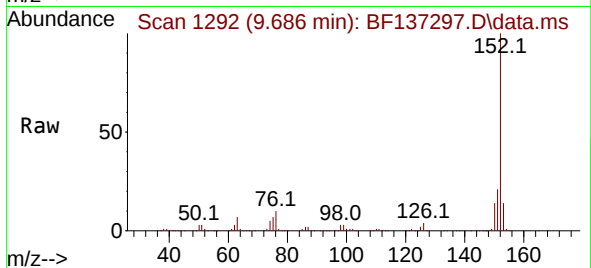
Tgt Ion:152 Resp: 473496

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 13.7 11.2 16.8



#50

Dimethylphthalate

Concen: 43.909 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

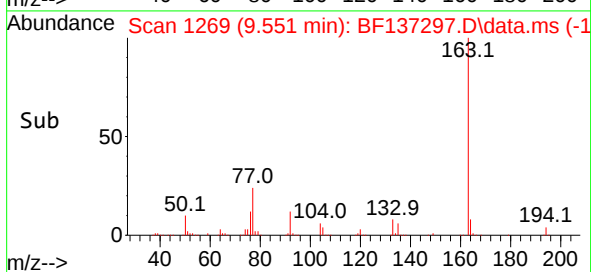
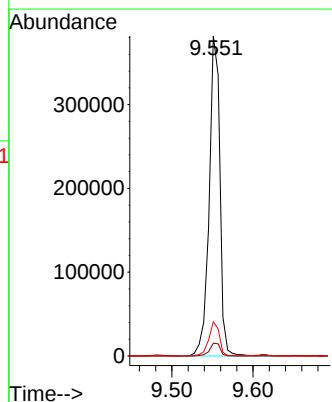
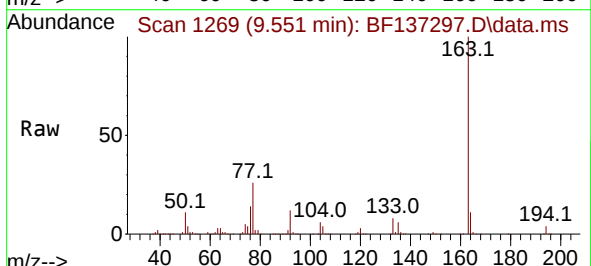
Tgt Ion:163 Resp: 349460

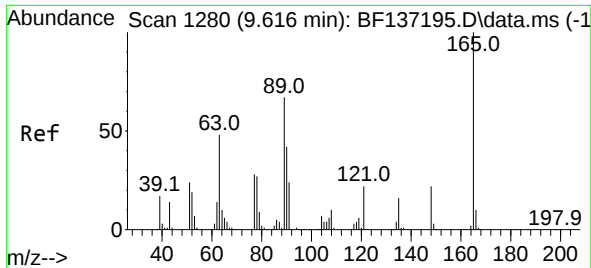
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.7 8.6 13.0

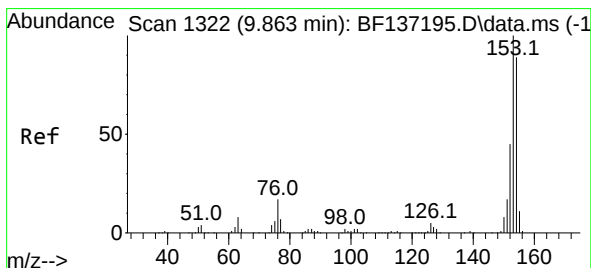
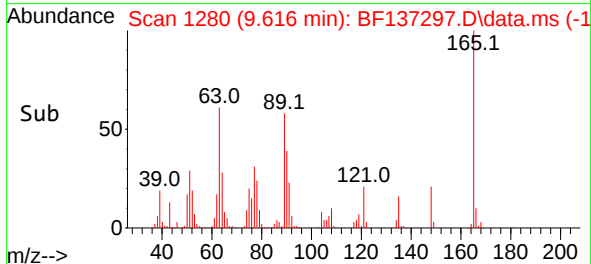
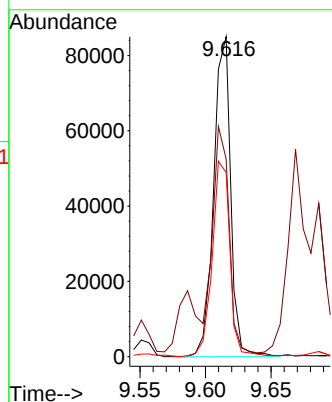
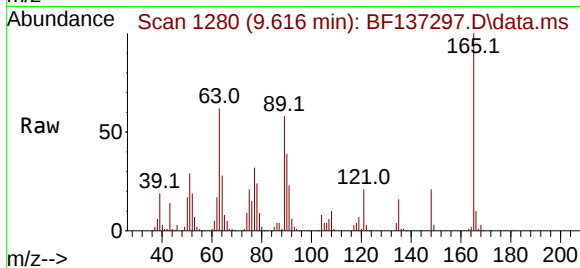




#51
2,6-Dinitrotoluene
Concen: 45.181 ng
RT: 9.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

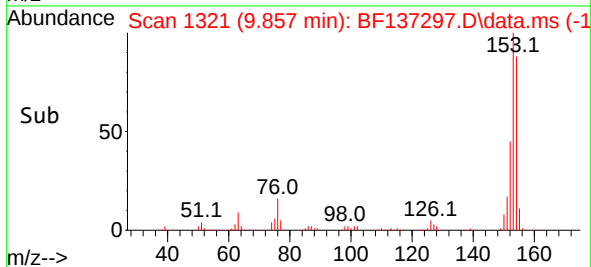
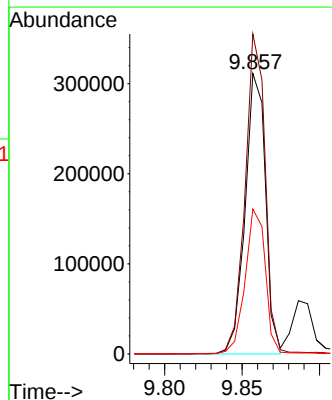
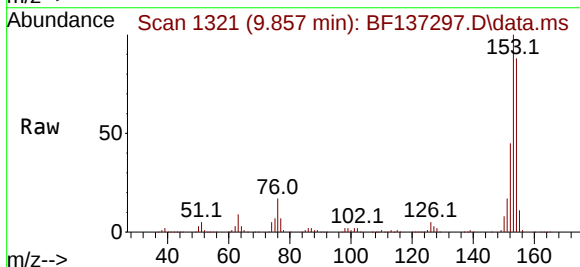
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

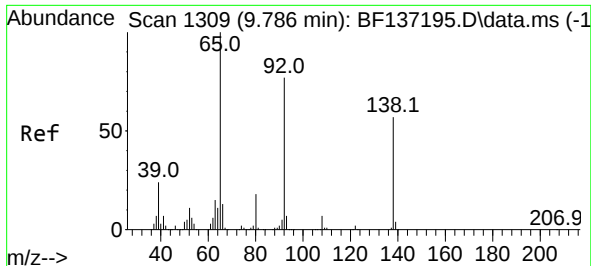
Tgt Ion:165 Resp: 76678
Ion Ratio Lower Upper
165 100
63 61.8 55.1 82.7
89 57.6 53.5 80.3



#52
Acenaphthene
Concen: 43.567 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:154 Resp: 284346
Ion Ratio Lower Upper
154 100
153 114.1 90.2 135.4
152 51.7 40.6 60.8

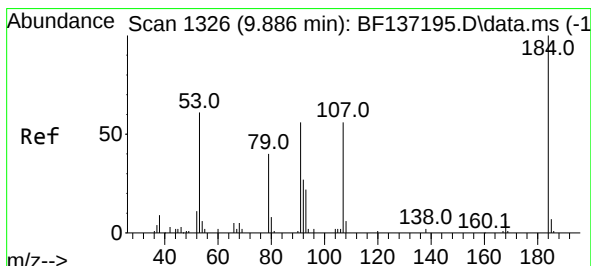
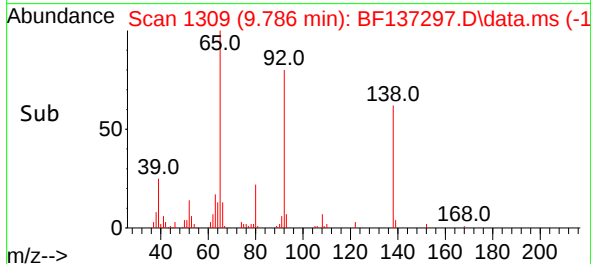
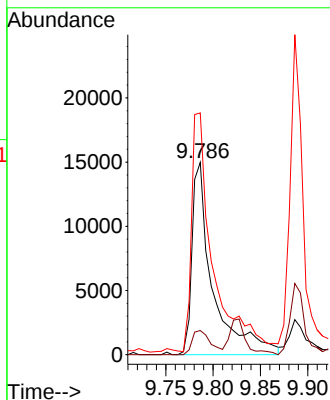
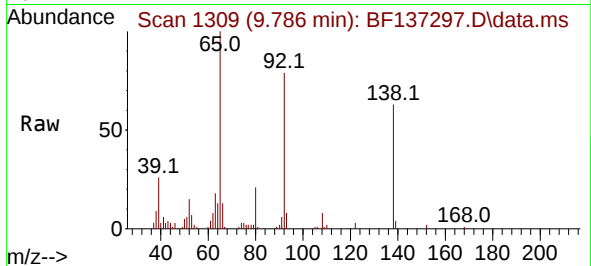




#53
3-Nitroaniline
Concen: 15.046 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

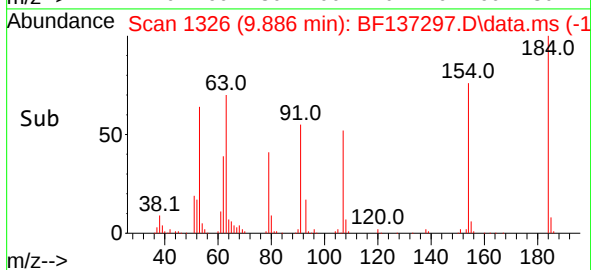
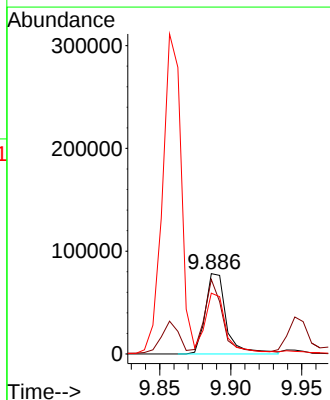
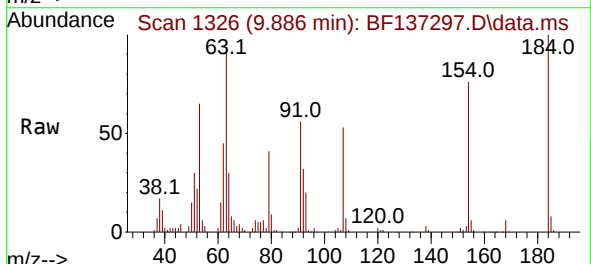
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

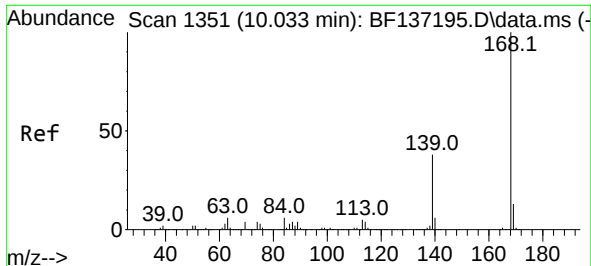
Tgt Ion:138 Resp: 22979
Ion Ratio Lower Upper
138 100
108 12.6 10.4 15.6
92 125.7 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 103.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:184 Resp: 80750
Ion Ratio Lower Upper
184 100
63 92.6 71.2 106.8
154 75.6 64.9 97.3

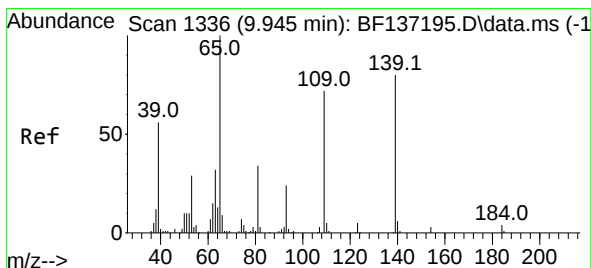
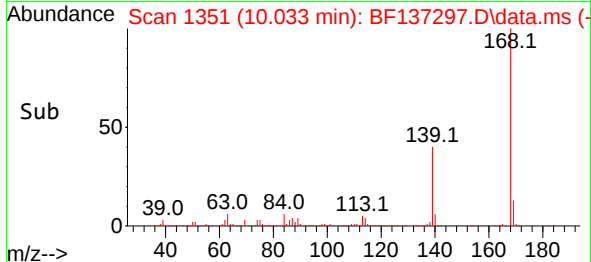
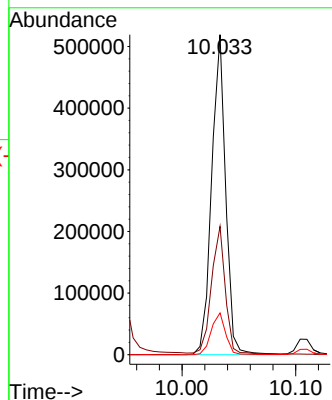
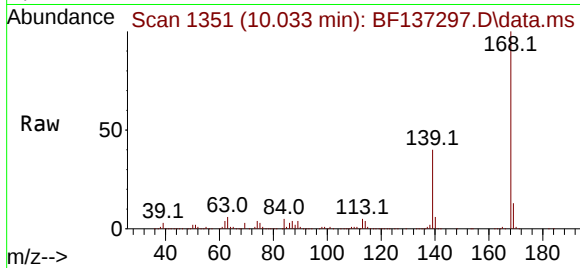




#55
Dibenzenofuran
Concen: 42.684 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

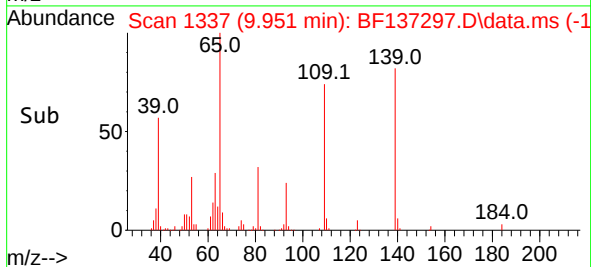
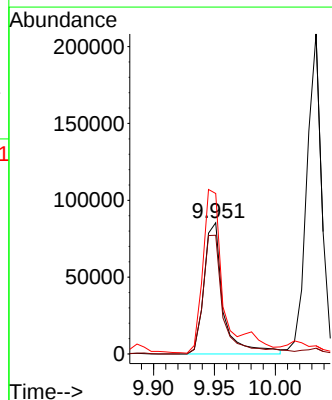
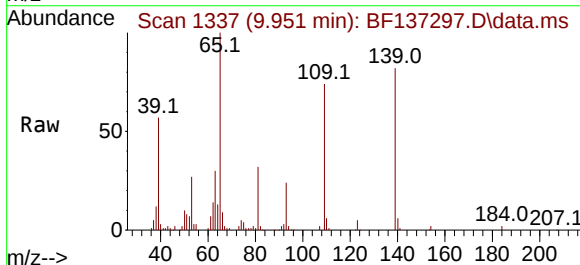
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

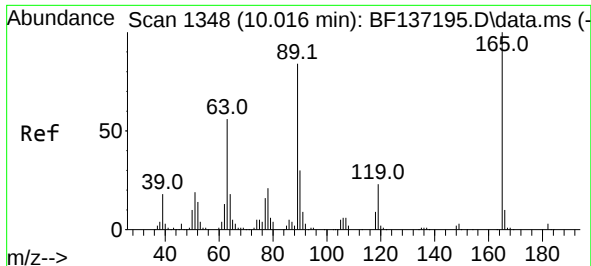
Tgt Ion:168 Resp: 443216
Ion Ratio Lower Upper
168 100
139 40.1 31.1 46.7
169 13.0 10.6 16.0



#56
4-Nitrophenol
Concen: 81.643 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

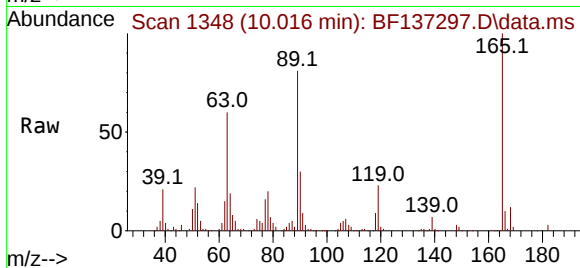
Tgt Ion:139 Resp: 93831
Ion Ratio Lower Upper
139 100
109 90.5 70.4 110.4
65 122.3 107.6 147.6



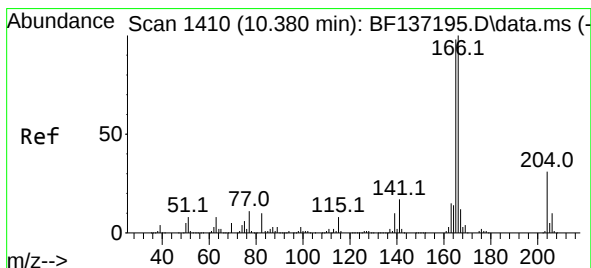
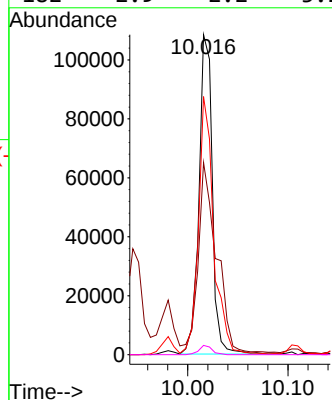
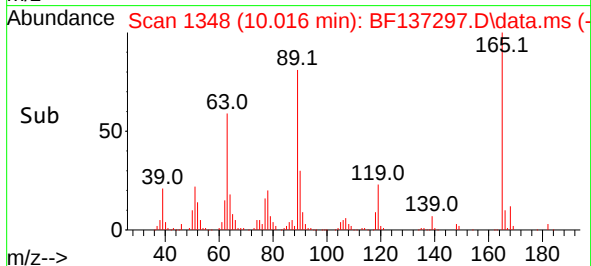


#57
2,4-Dinitrotoluene
Concen: 45.626 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

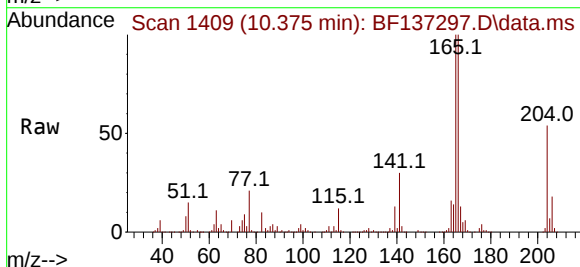
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD



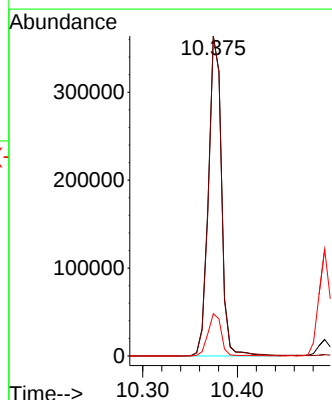
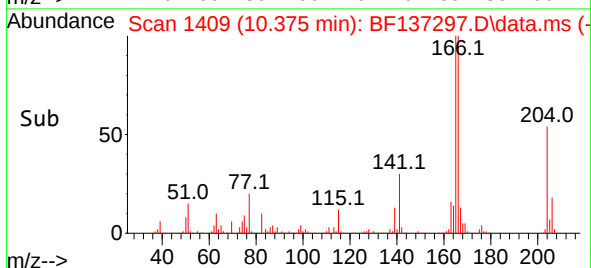
Tgt Ion:165 Resp: 100472
Ion Ratio Lower Upper
165 100
63 60.0 46.1 69.1
89 80.6 67.5 101.3
182 2.9 2.2 3.2

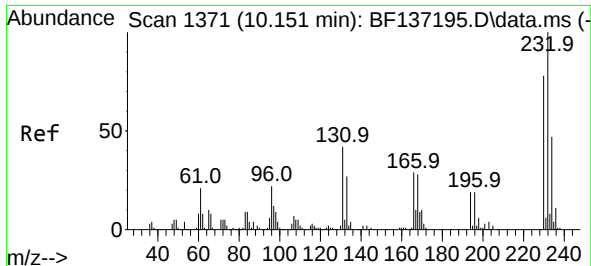


#58
Fluorene
Concen: 42.710 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53



Tgt Ion:166 Resp: 347672
Ion Ratio Lower Upper
166 100
165 99.8 78.5 117.7
167 13.2 10.0 15.0

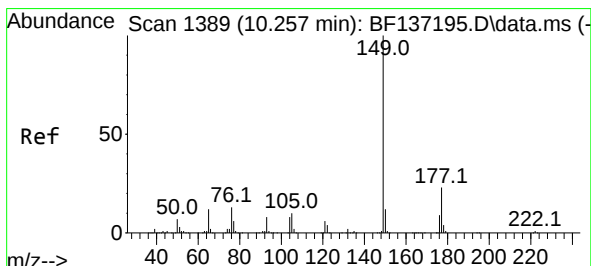
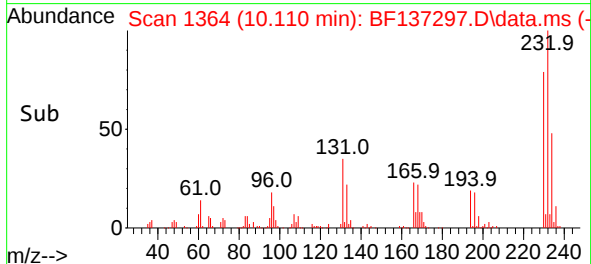
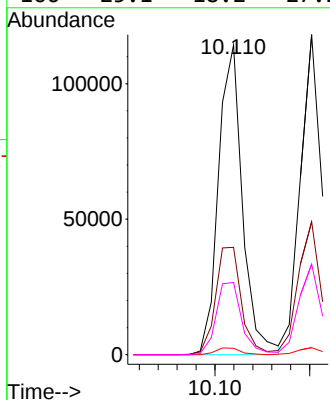
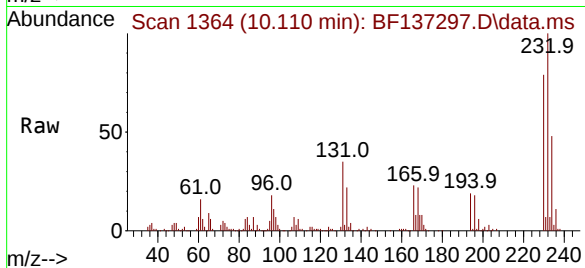




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.277 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.041 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

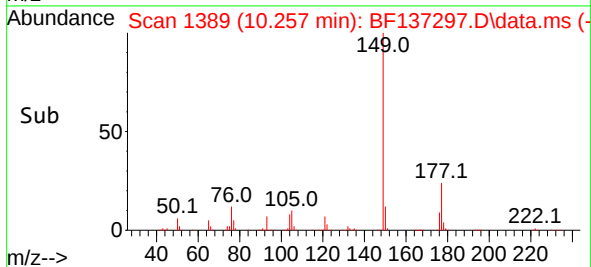
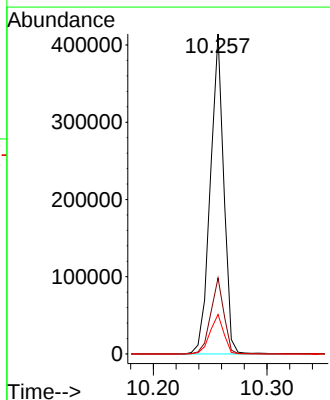
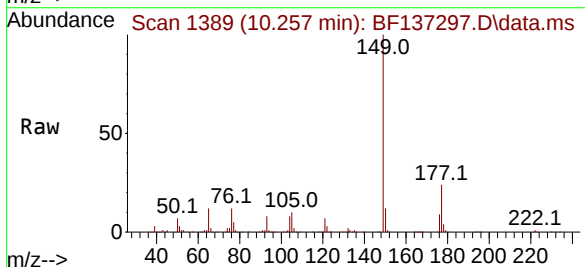
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

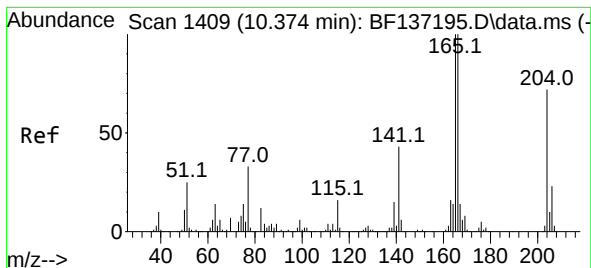
Tgt Ion:232 Resp: 100684
Ion Ratio Lower Upper
232 100
131 37.3 27.4 41.2
130 2.2 1.7 2.5
166 25.1 18.2 27.2



#60
Diethylphthalate
Concen: 43.465 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:149 Resp: 340610
Ion Ratio Lower Upper
149 100
177 23.7 18.0 27.0
150 12.3 9.6 14.4

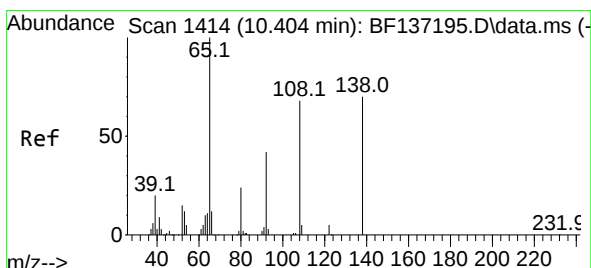
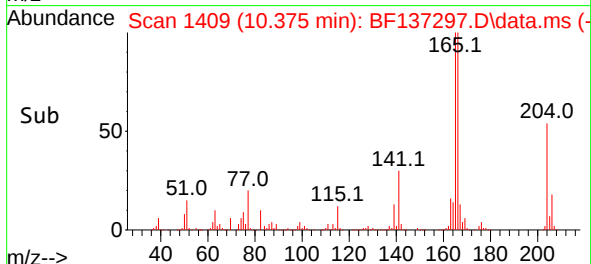
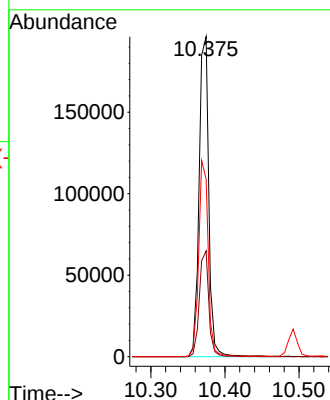
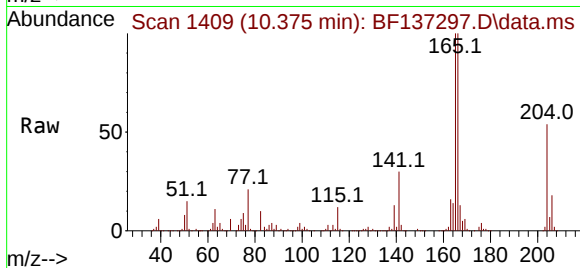




#61
4-Chlorophenyl-phenylether
Concen: 43.747 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

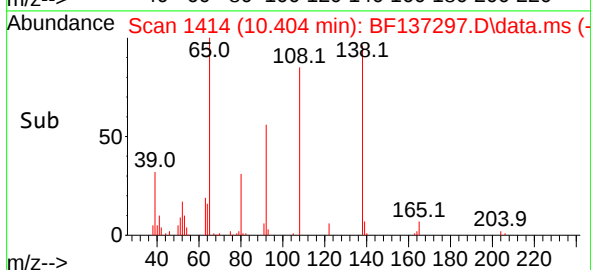
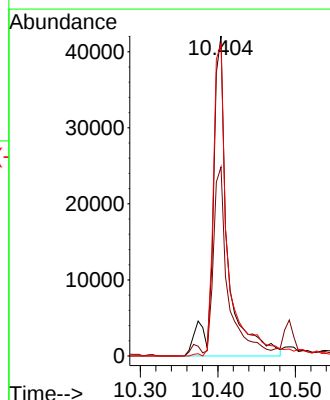
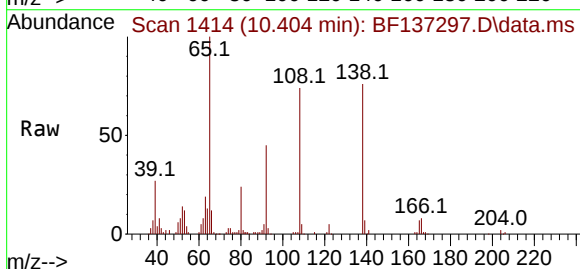
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

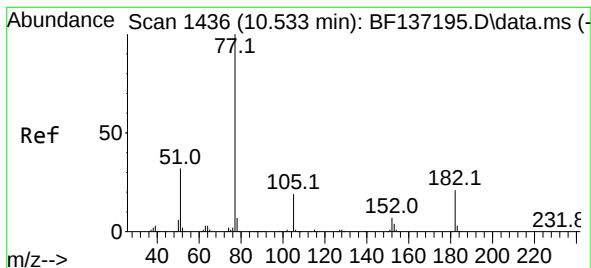
Tgt Ion:204 Resp: 177008
Ion Ratio Lower Upper
204 100
206 33.0 25.5 38.3
141 55.5 48.3 72.5



#62
4-Nitroaniline
Concen: 38.147 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:138 Resp: 55766
Ion Ratio Lower Upper
138 100
92 59.1 39.3 79.3
108 97.6 75.3 115.3





#63

Azobenzene

Concen: 41.639 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1MSD

Tgt Ion: 77 Resp: 361377

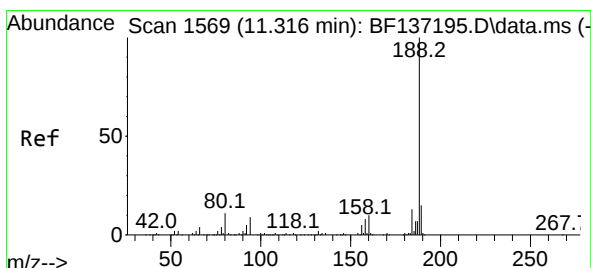
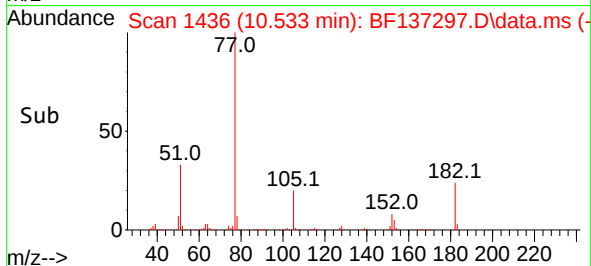
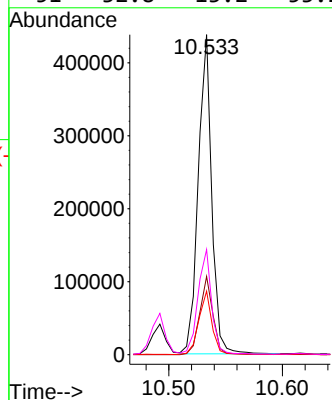
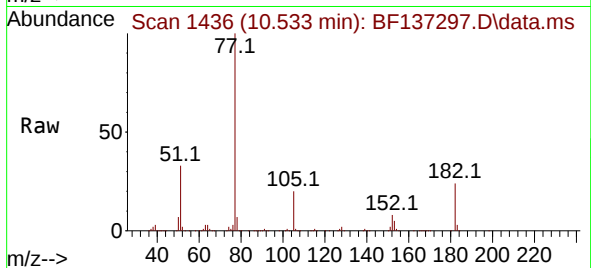
Ion Ratio Lower Upper

77 100

182 24.4 1.1 41.1

105 19.8 0.0 38.9

51 32.8 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: BF137297.D

Acq: 06 Feb 2024 17:53

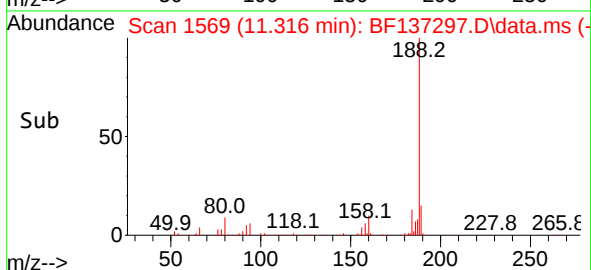
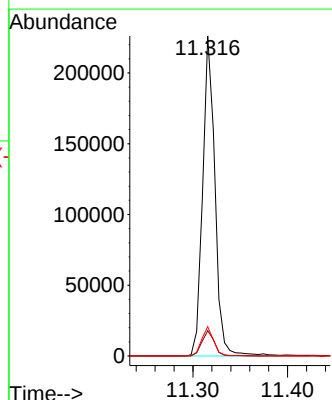
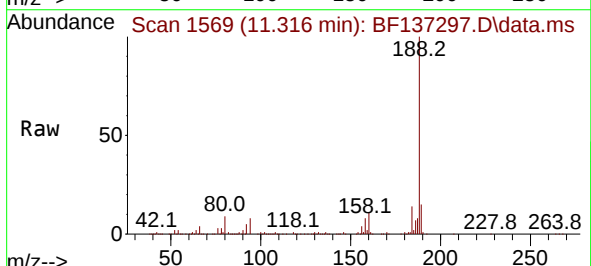
Tgt Ion: 188 Resp: 204586

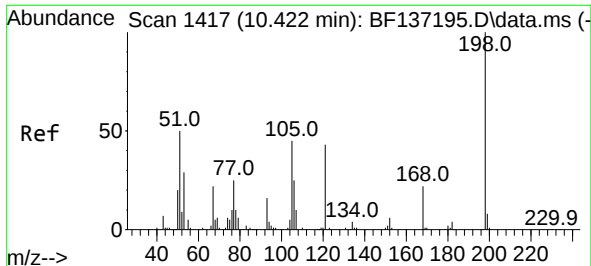
Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

80 9.1 8.8 13.2

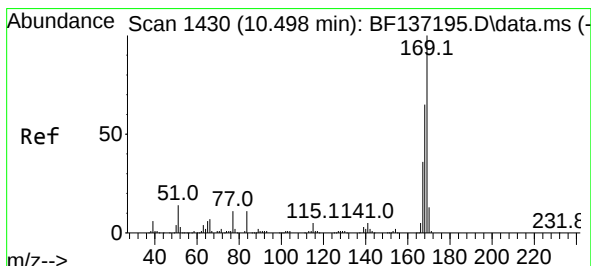
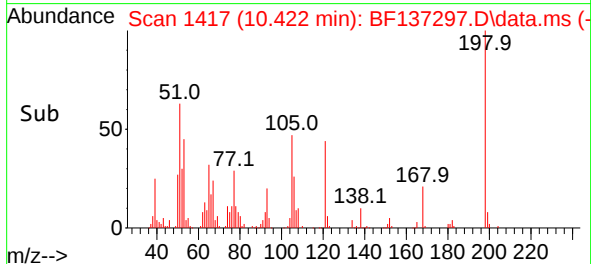
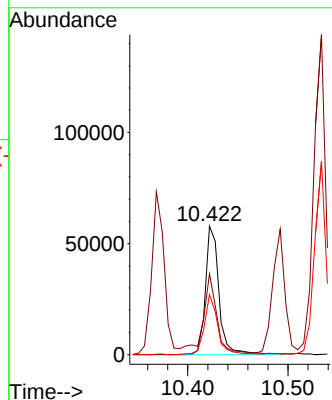
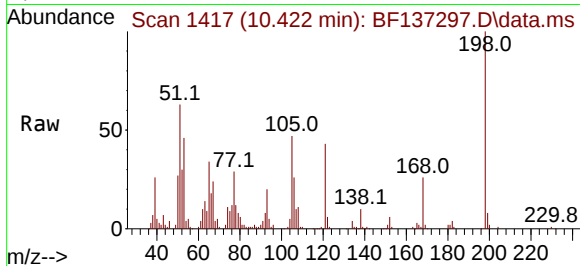




#65
4,6-Dinitro-2-methylphenol
Concen: 50.020 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

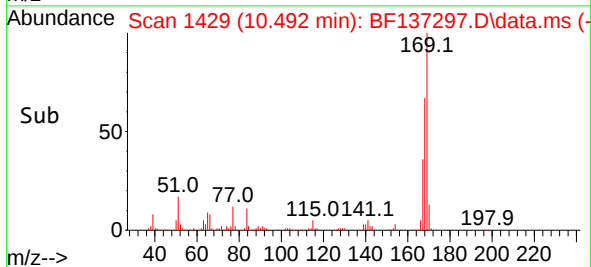
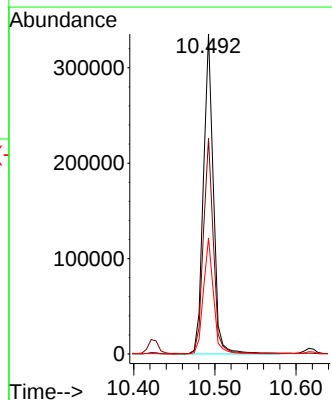
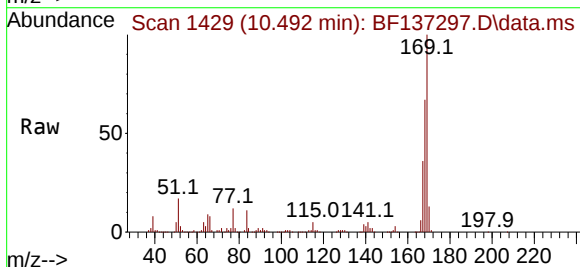
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

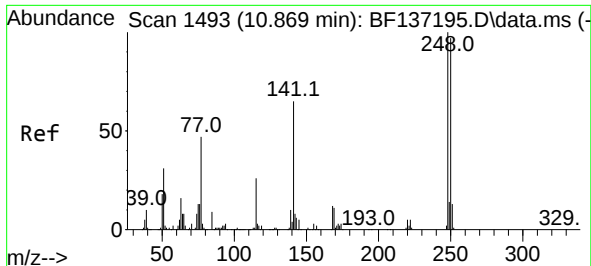
Tgt Ion:198 Resp: 54489
Ion Ratio Lower Upper
198 100
51 62.9 40.9 80.9
105 46.8 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 46.179 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

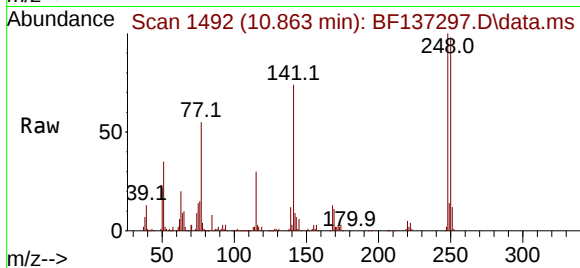
Tgt Ion:169 Resp: 287262
Ion Ratio Lower Upper
169 100
168 67.4 51.9 77.9
167 36.2 29.0 43.6



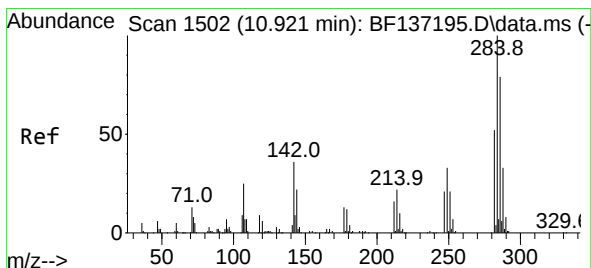
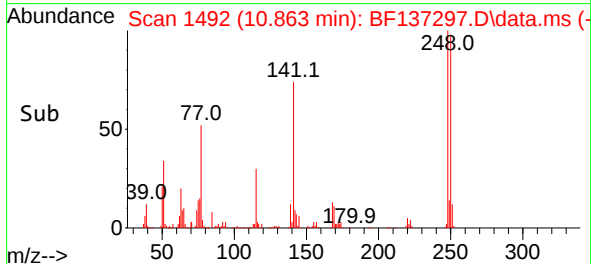
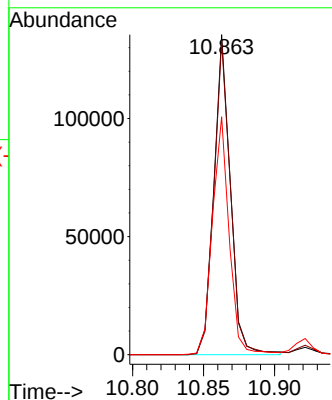


#67
4-Bromophenyl-phenylether
Concen: 48.747 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

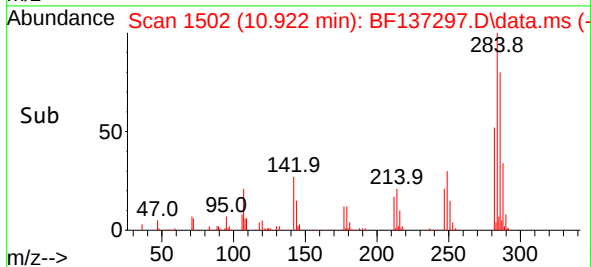
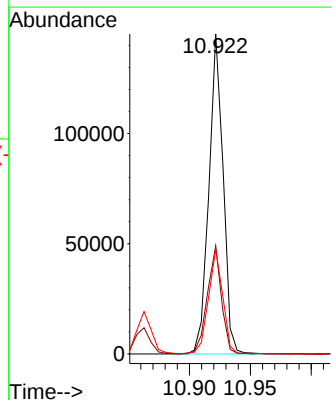
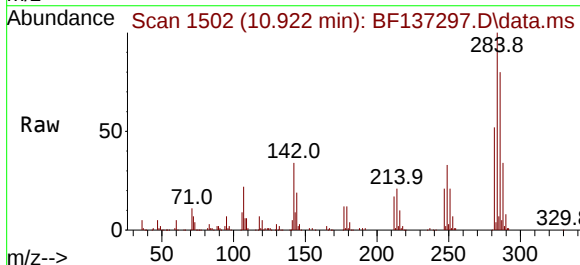


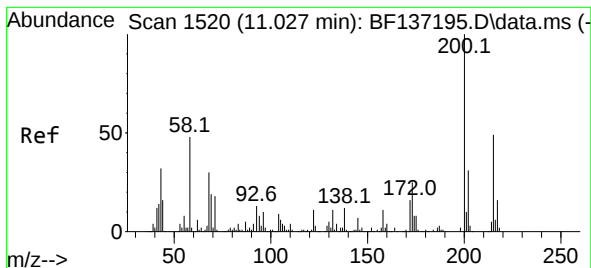
Tgt Ion:248 Resp: 109660
Ion Ratio Lower Upper
248 100
250 98.1 77.7 116.5
141 74.3 51.6 77.4



#68
Hexachlorobenzene
Concen: 46.757 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:284 Resp: 117487
Ion Ratio Lower Upper
284 100
142 33.8 28.7 43.1
249 32.7 27.0 40.4





#69

Atrazine

Concen: 32.533 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1MSD

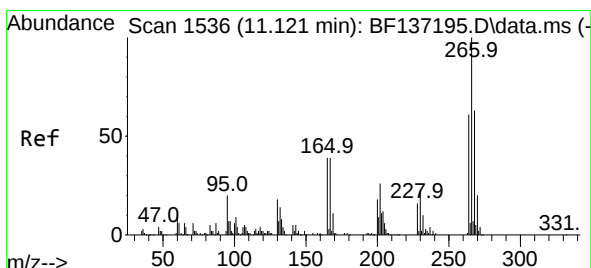
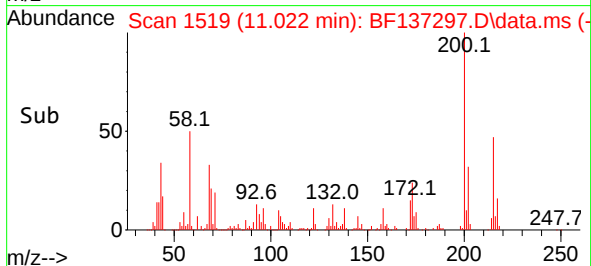
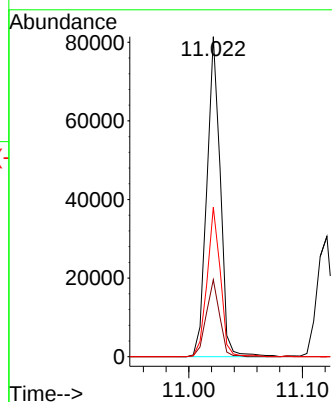
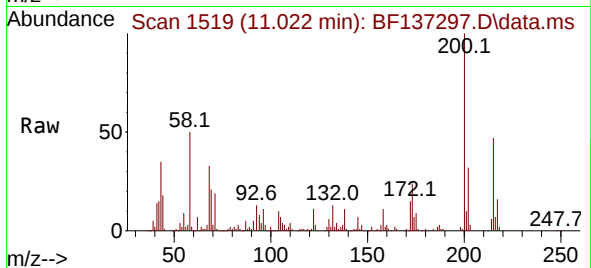
Tgt Ion:200 Resp: 66808

Ion Ratio Lower Upper

200 100

173 24.1 5.3 45.3

215 46.7 29.4 69.4



#70

Pentachlorophenol

Concen: 103.829 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.001 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

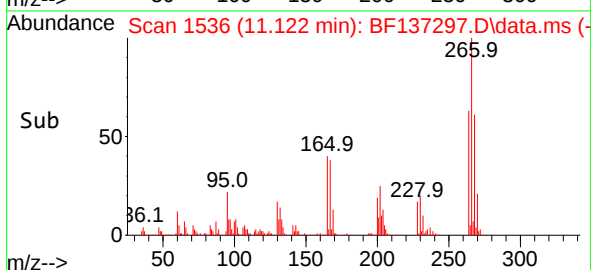
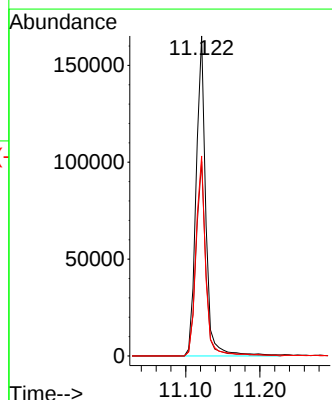
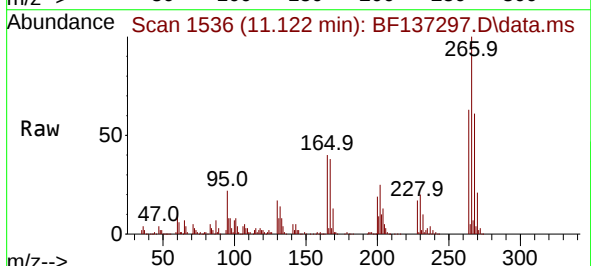
Tgt Ion:266 Resp: 149557

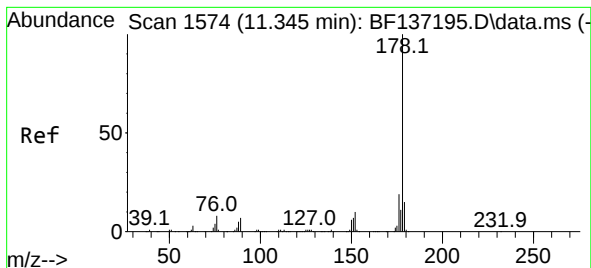
Ion Ratio Lower Upper

266 100

268 60.8 50.6 76.0

264 62.5 48.8 73.2





#71

Phenanthrene

Concen: 45.269 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1MSD

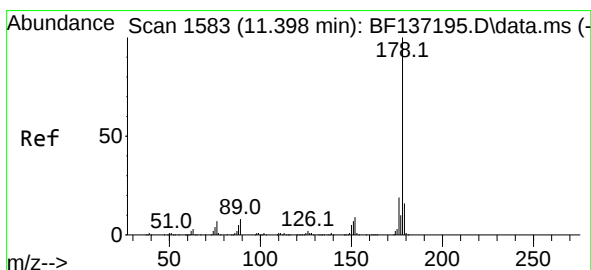
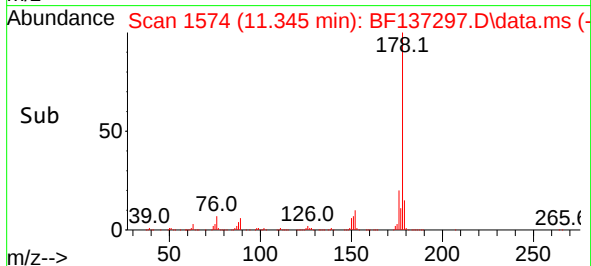
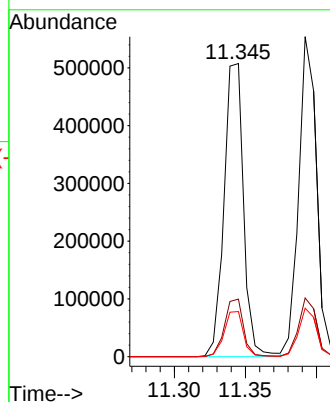
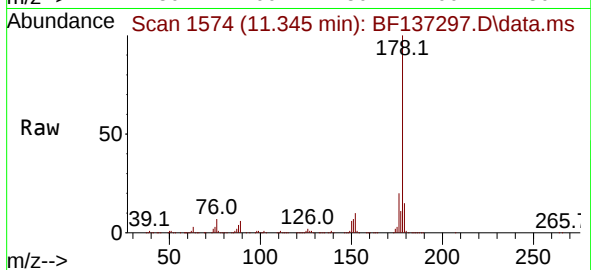
Tgt Ion:178 Resp: 484847

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

179 15.4 12.1 18.1



#72

Anthracene

Concen: 44.571 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

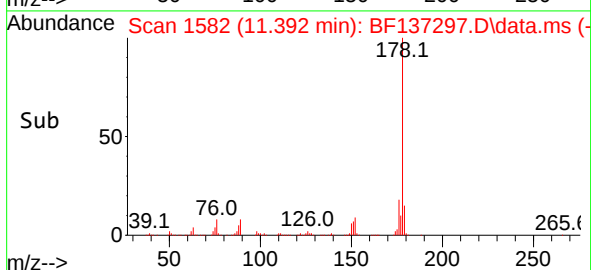
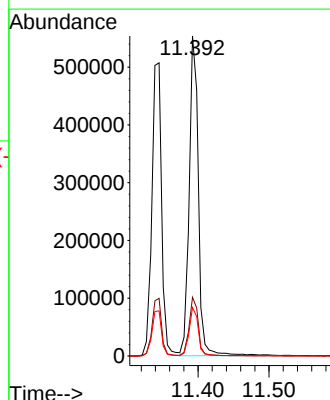
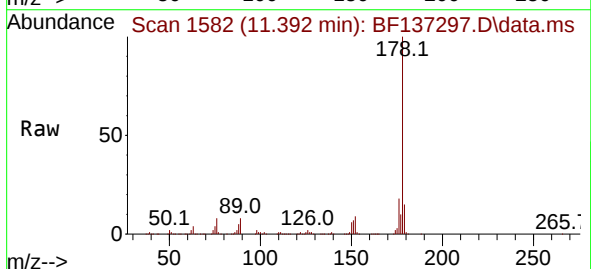
Tgt Ion:178 Resp: 497563

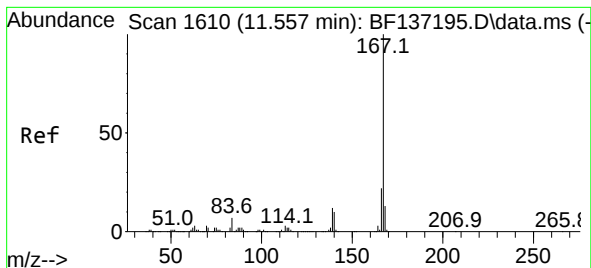
Ion Ratio Lower Upper

178 100

176 18.3 15.3 22.9

179 15.1 12.7 19.1





#73

Carbazole

Concen: 43.634 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1MSD

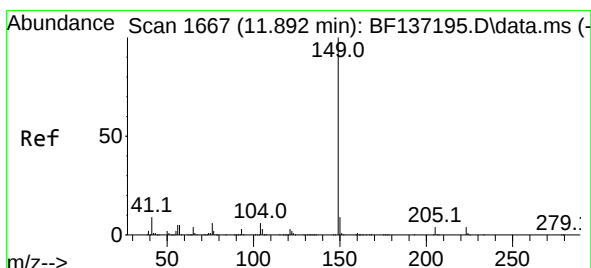
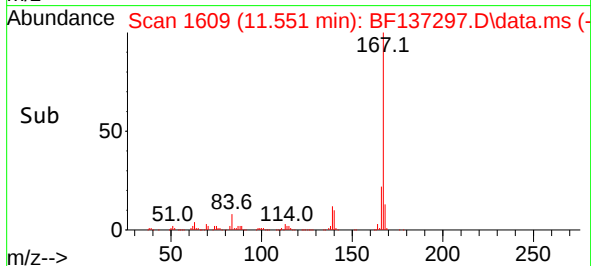
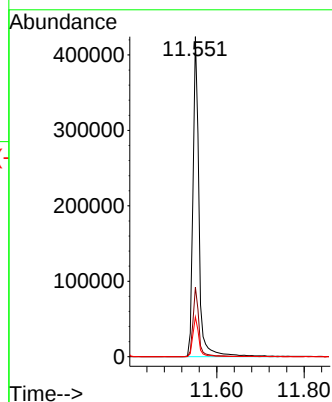
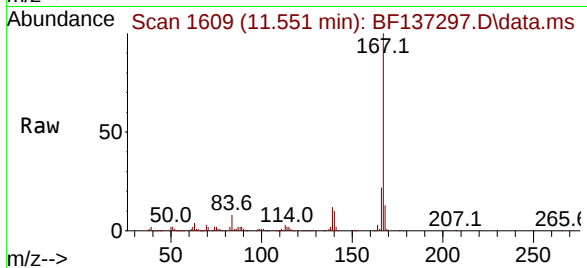
Tgt Ion:167 Resp: 407082

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

139 12.4 9.7 14.5



#74

Di-n-butylphthalate

Concen: 50.016 ng

RT: 11.892 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

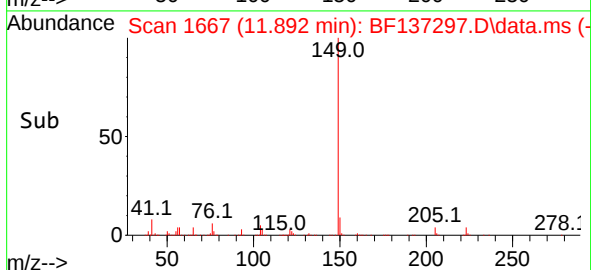
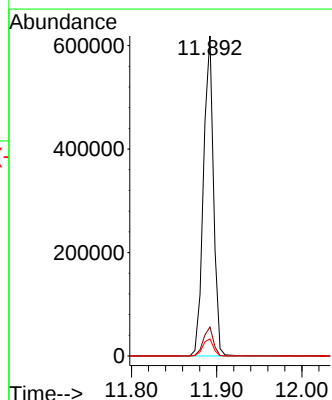
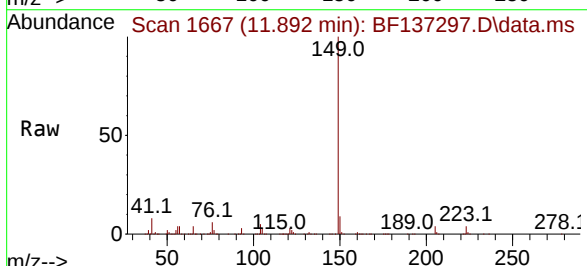
Tgt Ion:149 Resp: 504406

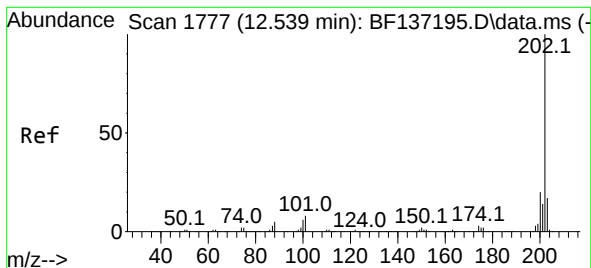
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 44.266 ng

RT: 12.533 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1MSD

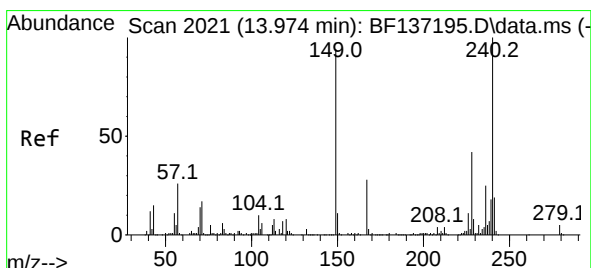
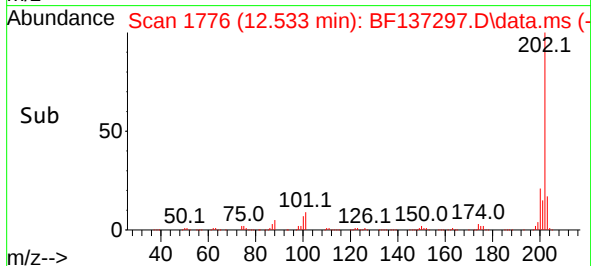
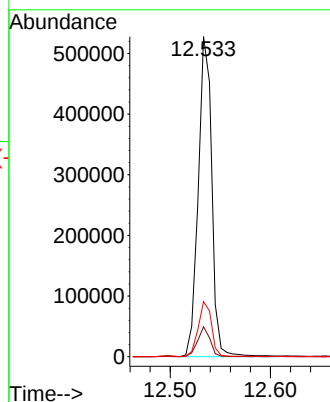
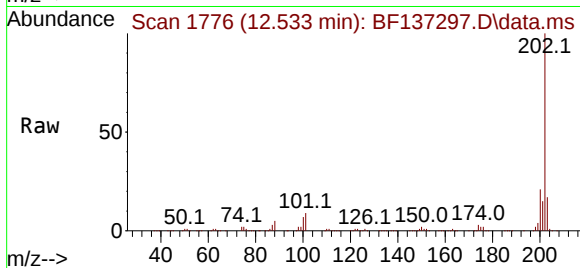
Tgt Ion:202 Resp: 496102

Ion Ratio Lower Upper

202 100

101 9.3 0.0 28.4

203 17.2 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

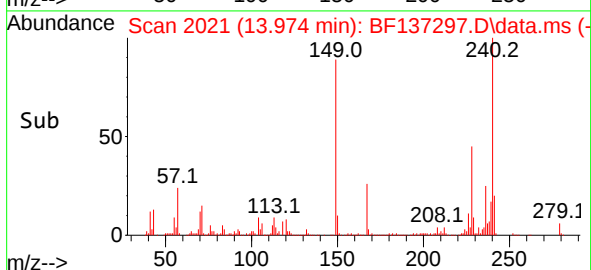
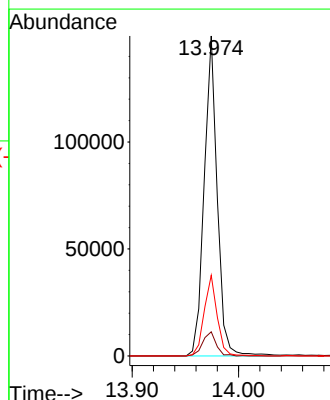
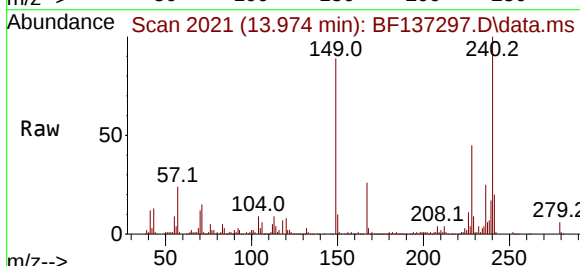
Tgt Ion:240 Resp: 127921

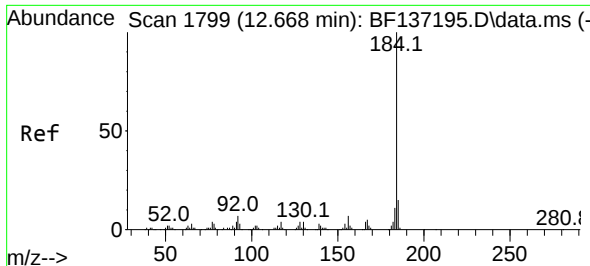
Ion Ratio Lower Upper

240 100

120 7.6 6.3 9.5

236 25.2 20.3 30.5

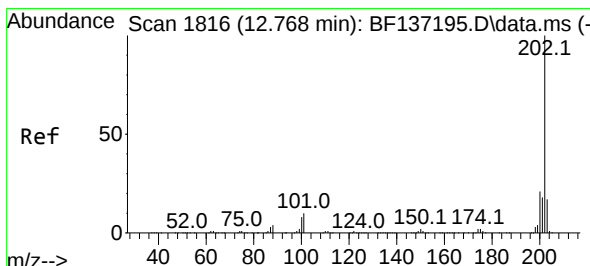
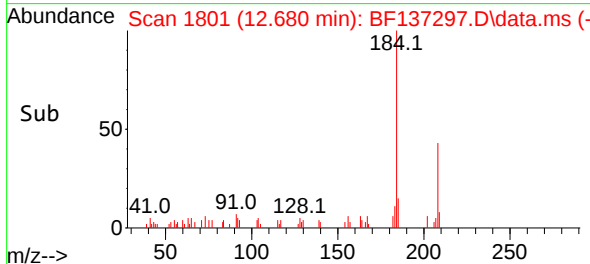
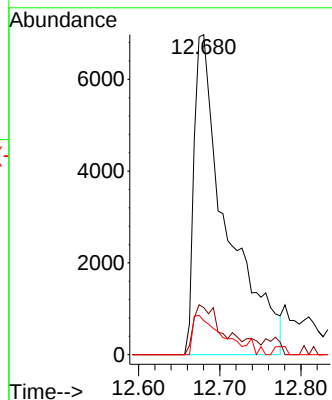
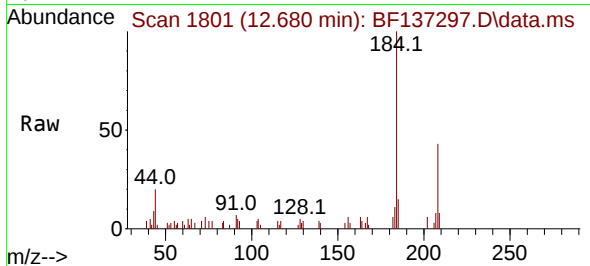




#77
Benzidine
Concen: 8.492 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.012 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

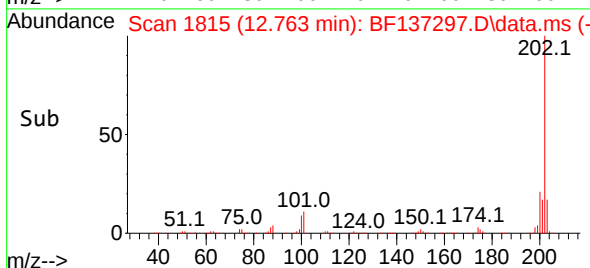
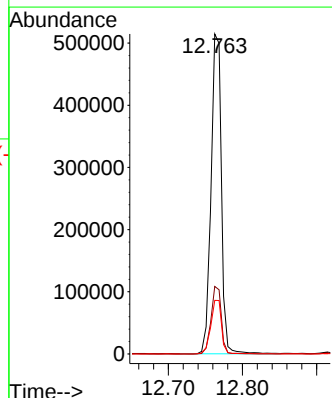
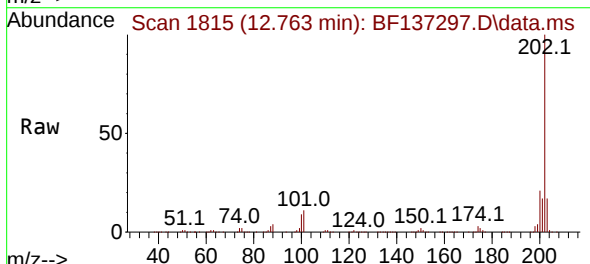
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

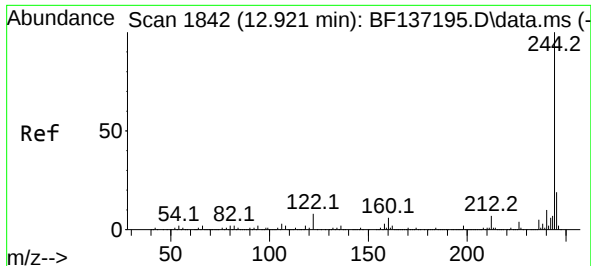
Tgt Ion:184 Resp: 19451
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 10.7 8.8 13.2



#78
Pyrene
Concen: 40.693 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:202 Resp: 500245
Ion Ratio Lower Upper
202 100
200 21.1 16.5 24.7
203 16.8 13.8 20.6

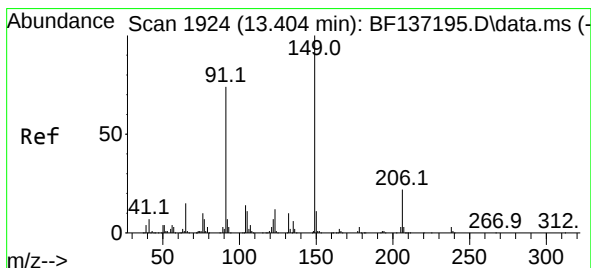
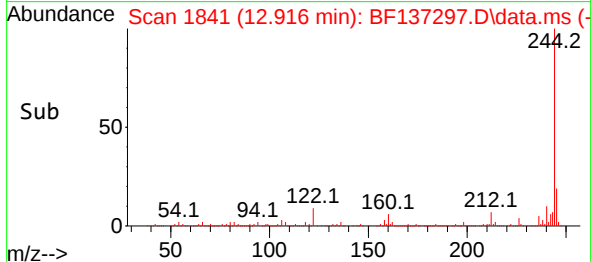
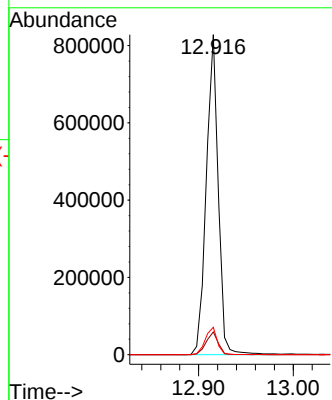
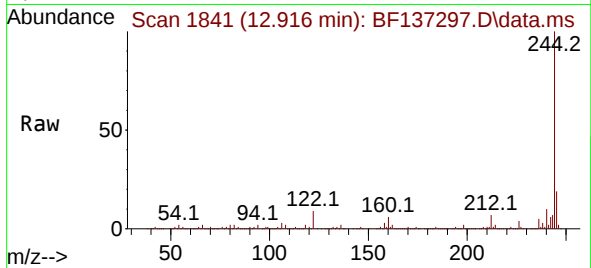




#79
 Terphenyl-d14
 Concen: 77.066 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137297.D
 Acq: 06 Feb 2024 17:53

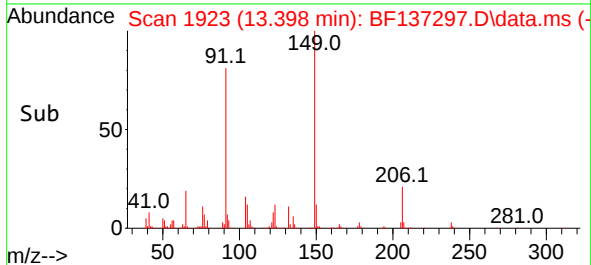
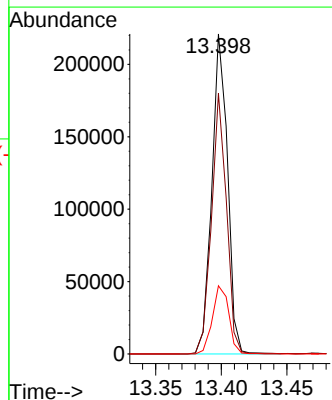
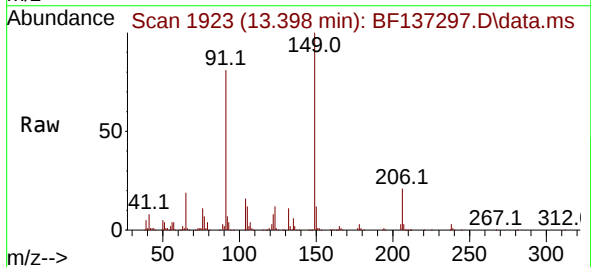
Instrument :
 BNA_F
 ClientSampleId :
 CO-11-GRID-1MSD

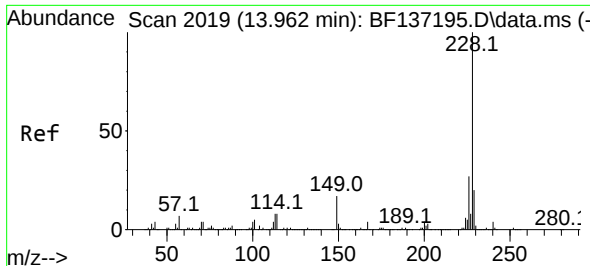
Tgt Ion:244 Resp: 725175
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 8.5 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 58.366 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF137297.D
 Acq: 06 Feb 2024 17:53

Tgt Ion:149 Resp: 183545
 Ion Ratio Lower Upper
 149 100
 91 81.4 58.8 88.2
 206 21.3 17.7 26.5

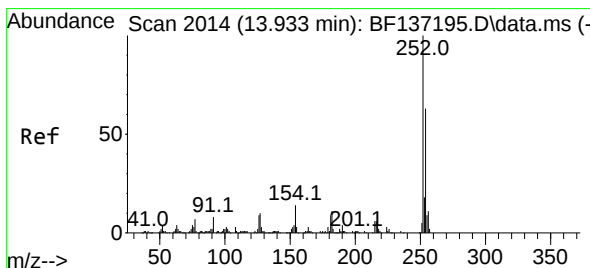
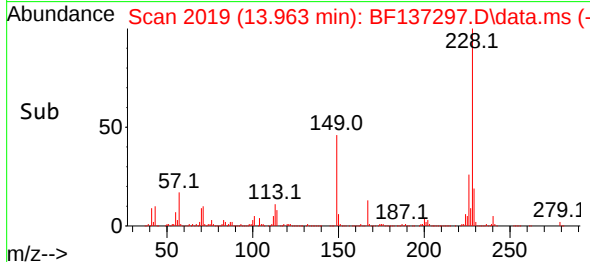
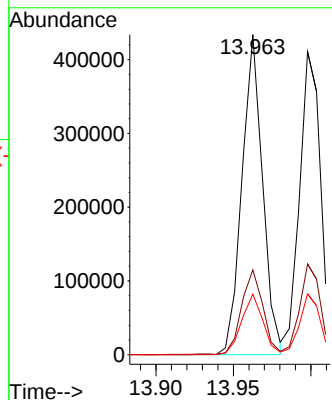
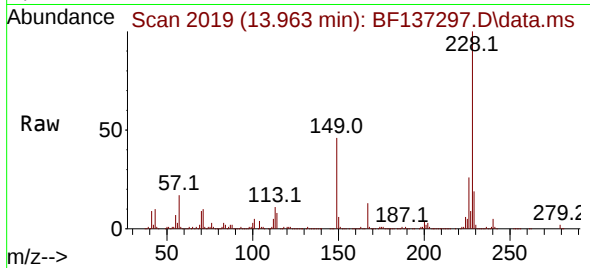




#81
Benzo(a)anthracene
Concen: 44.384 ng
RT: 13.963 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

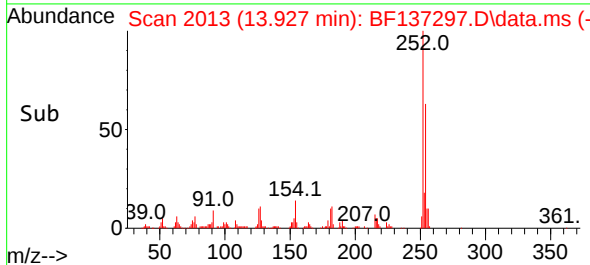
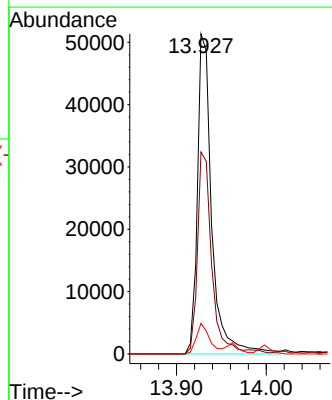
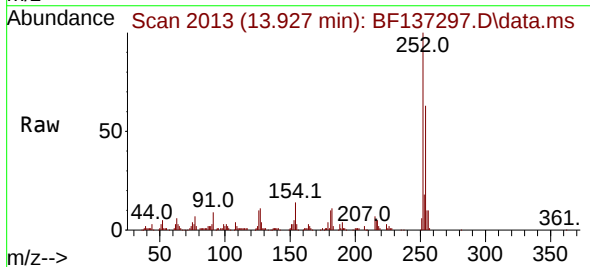
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

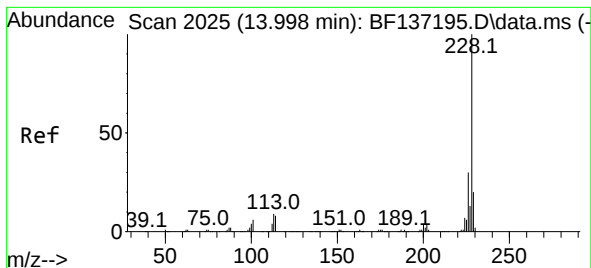
Tgt Ion:228 Resp: 402095
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 18.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 23.078 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:252 Resp: 56963
Ion Ratio Lower Upper
252 100
254 63.1 50.2 75.2
126 9.6 7.0 10.6





#83

Chrysene

Concen: 45.420 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1MSD

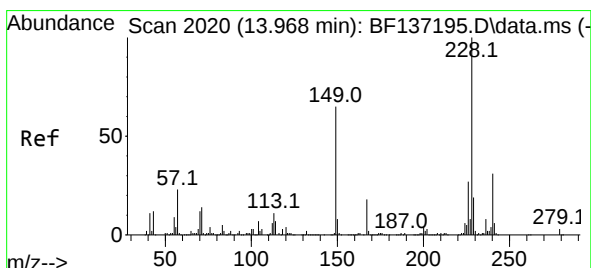
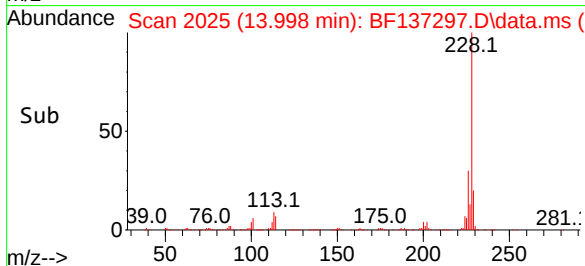
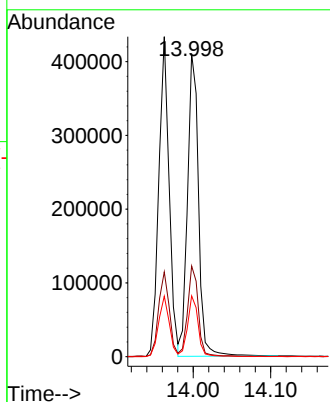
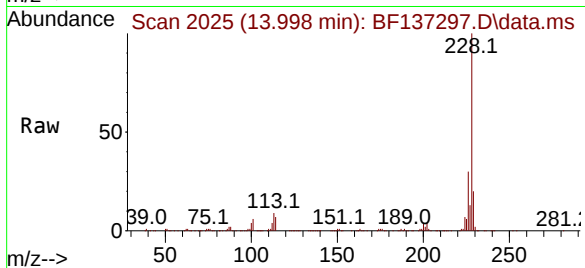
Tgt Ion:228 Resp: 404538

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

229 20.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 68.973 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

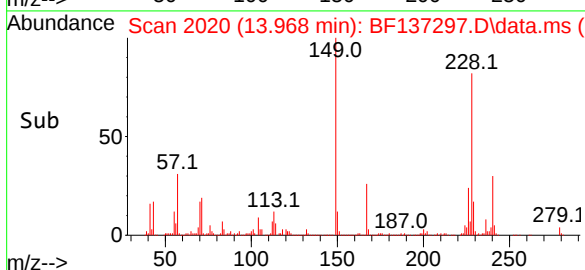
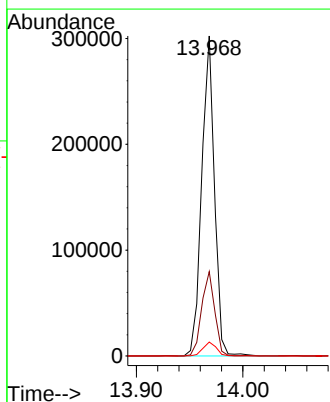
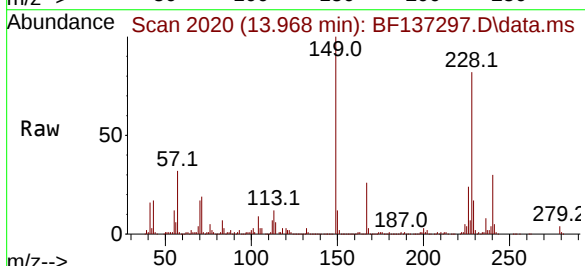
Tgt Ion:149 Resp: 252348

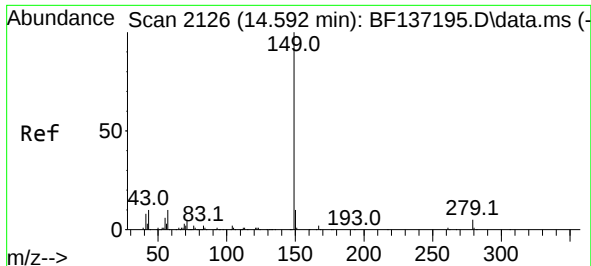
Ion Ratio Lower Upper

149 100

167 26.4 21.7 32.5

279 4.3 3.4 5.0

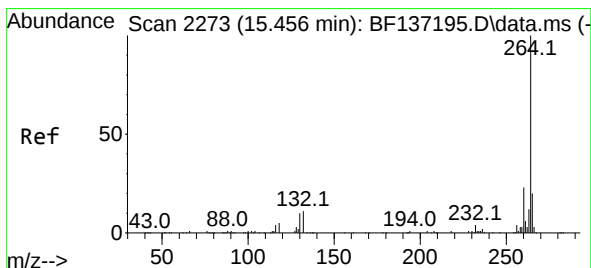
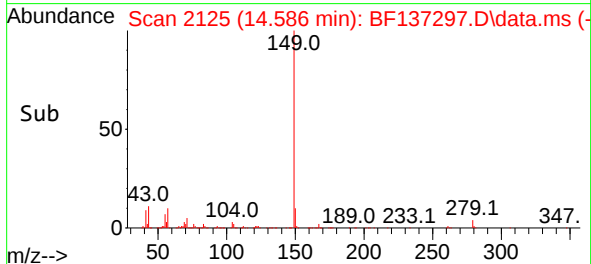
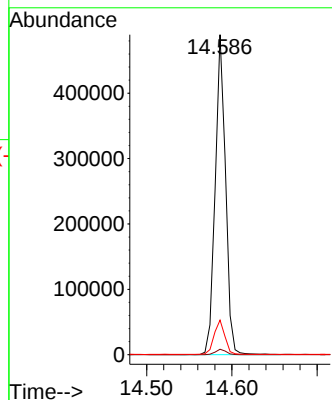
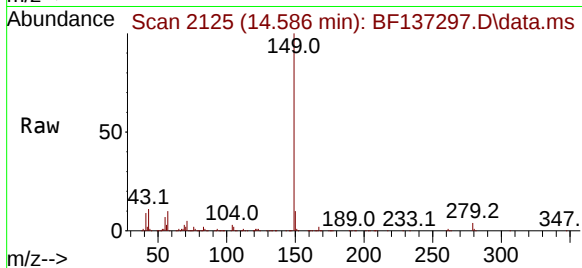




#85
Di-n-octyl phthalate
Concen: 71.179 ng
RT: 14.586 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

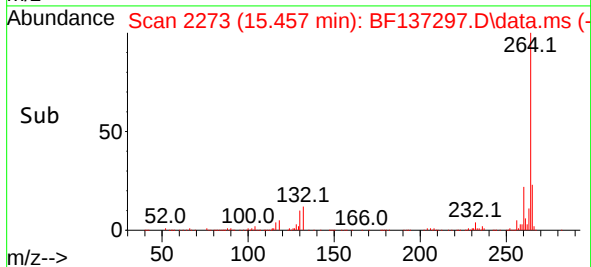
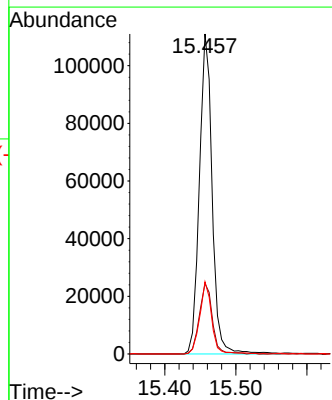
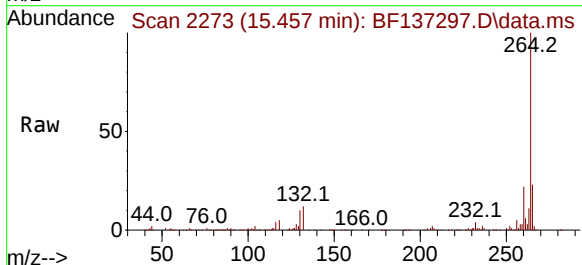
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

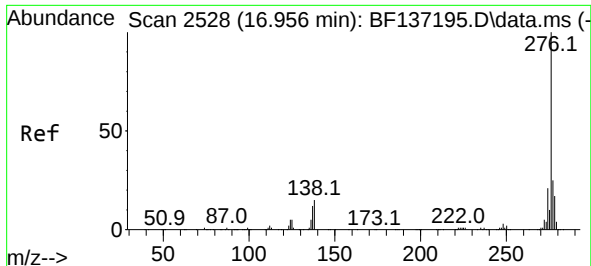
Tgt Ion:149 Resp: 414078
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

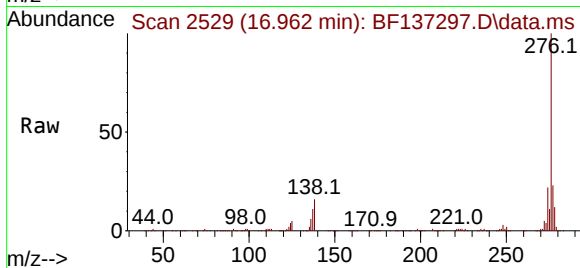
Tgt Ion:264 Resp: 139132
Ion Ratio Lower Upper
264 100
260 22.1 18.2 27.4
265 22.5 16.2 24.2



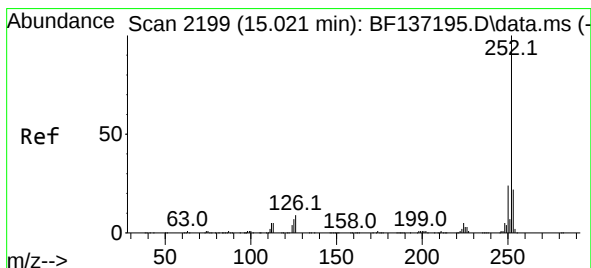
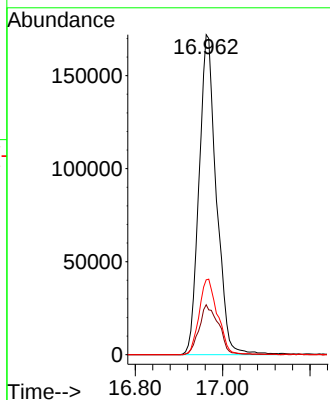
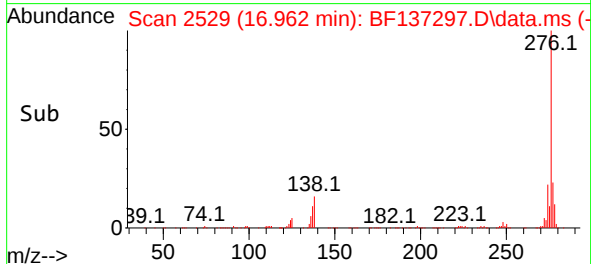


#87
Indeno(1,2,3-cd)pyrene
Concen: 48.634 ng
RT: 16.962 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

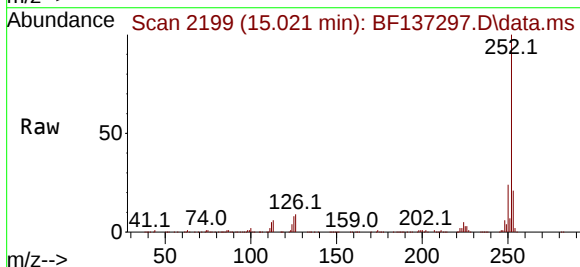
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD



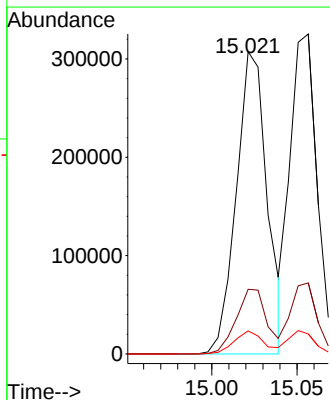
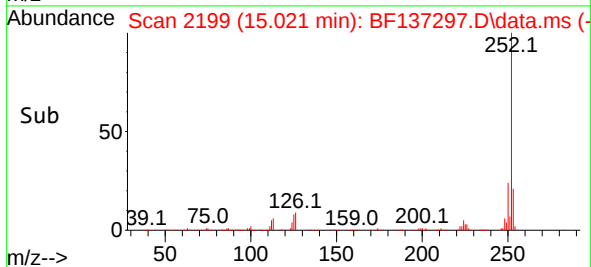
Tgt Ion:276 Resp: 475386
Ion Ratio Lower Upper
276 100
138 17.5 14.6 21.8
277 25.3 20.2 30.2

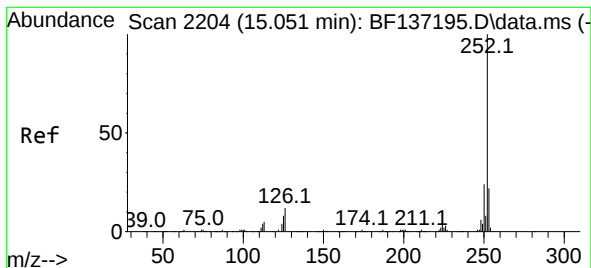


#88
Benzo(b)fluoranthene
Concen: 45.236 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53



Tgt Ion:252 Resp: 387058
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 7.6 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 40.840 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1MSD

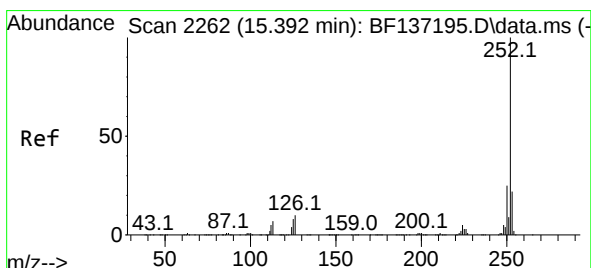
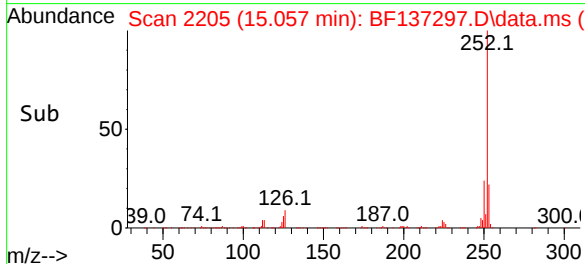
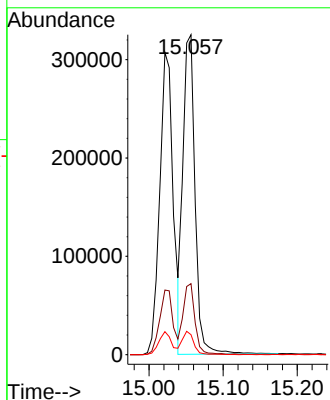
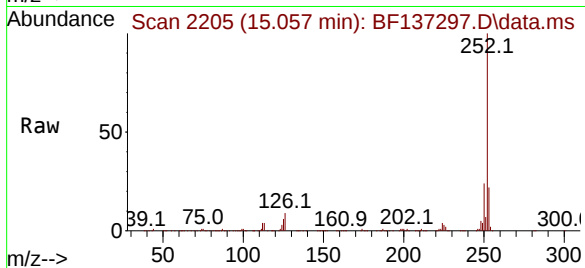
Tgt Ion:252 Resp: 369677

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 6.3 5.9 8.9



#90

Benzo(a)pyrene

Concen: 42.922 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.006 min

Lab File: BF137297.D

Acq: 06 Feb 2024 17:53

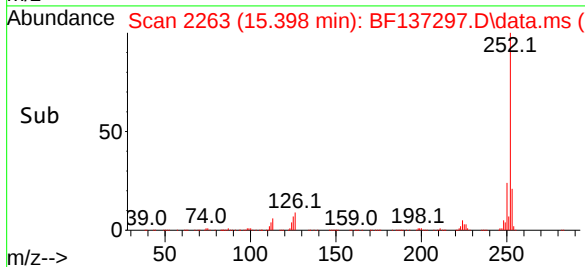
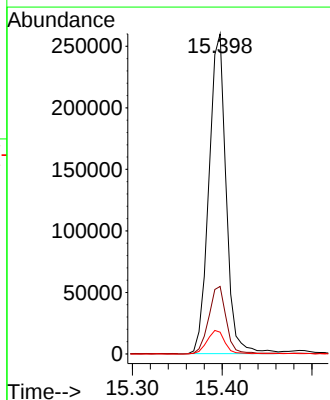
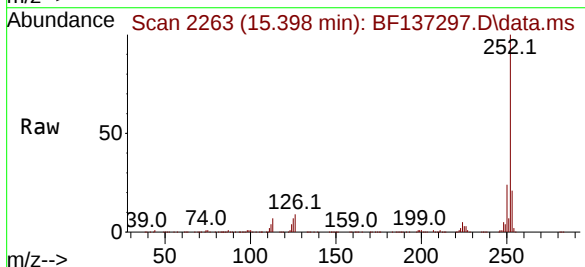
Tgt Ion:252 Resp: 345617

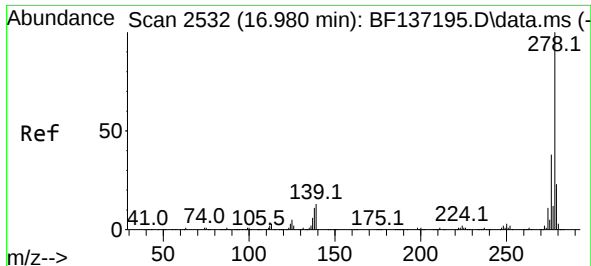
Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.6

125 6.8 6.5 9.7

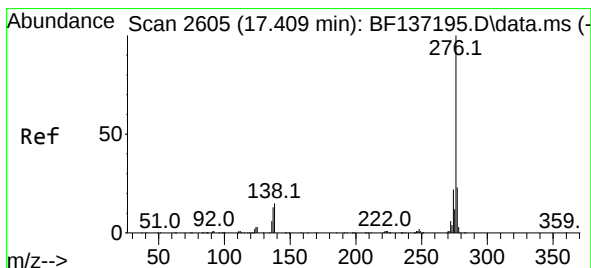
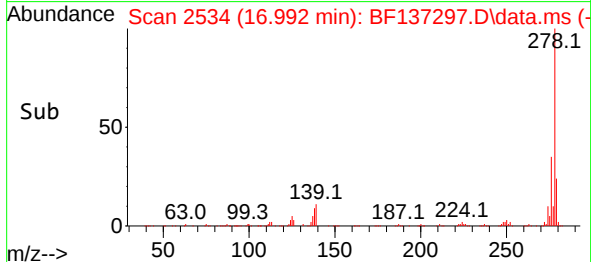
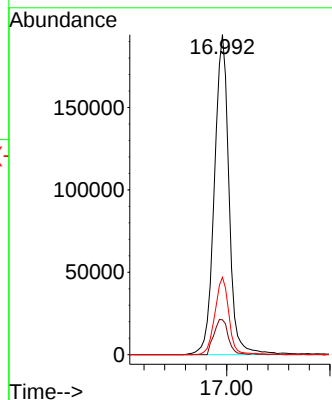
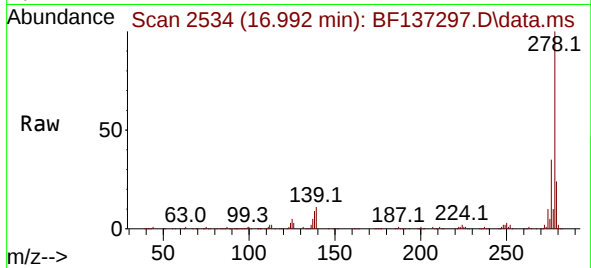




#91
Dibenzo(a,h)anthracene
Concen: 48.623 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

Tgt Ion:278 Resp: 380831
Ion Ratio Lower Upper
278 100
139 10.9 10.0 15.0
279 24.2 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 48.741 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF137297.D
Acq: 06 Feb 2024 17:53

Tgt Ion:276 Resp: 374686
Ion Ratio Lower Upper
276 100
277 23.3 18.4 27.6
138 14.8 11.8 17.8

