

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137887.D
 Acq On : 10 May 2024 18:22
 Operator : CG\JU
 Sample : P2422-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP-DMS

Quant Time: May 11 00:40:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	147353	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	581275	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	322848	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	496394	20.000	ng	0.00
76) Chrysene-d12	14.245	240	261427	20.000	ng	# 0.00
86) Perylene-d12	15.809	264	243996	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1049682	119.269	ng	0.02
7) Phenol-d6	6.669	99	1234267	110.566	ng	0.00
23) Nitrobenzene-d5	7.616	82	858881	85.845	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	431284	130.836	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1780327	89.464	ng	-0.01
79) Terphenyl-d14	13.180	244	1463080	93.790	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.163	88	145166	36.629	ng	# 85
3) Pyridine	3.840	79	238839	24.901	ng	97
4) n-Nitrosodimethylamine	3.792	42	173069	40.070	ng	94
6) Aniline	6.716	93	83684	7.563	ng	97
8) 2-Chlorophenol	6.833	128	428367	44.663	ng	99
9) Benzaldehyde	6.604	77	108422	18.035	ng	99
10) Phenol	6.681	94	442206	38.659	ng	97
11) bis(2-Chloroethyl)ether	6.781	93	379223	42.341	ng	99
12) 1,3-Dichlorobenzene	6.992	146	444664	41.113	ng	98
13) 1,4-Dichlorobenzene	7.069	146	456322	42.048	ng	99
14) 1,2-Dichlorobenzene	7.222	146	433578	42.418	ng	98
15) Benzyl Alcohol	7.186	79	296211	38.370	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	485946	38.600	ng	96
17) 2-Methylphenol	7.292	107	349603	45.173	ng	97
18) Hexachloroethane	7.563	117	153847	41.934	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	284413	42.633	ng	96
20) 3+4-Methylphenols	7.439	107	437251	42.944	ng	96
22) Acetophenone	7.457	105	592724	45.339	ng	99
24) Nitrobenzene	7.633	77	431337	41.830	ng	96
25) Isophorone	7.869	82	799313	44.310	ng	98
26) 2-Nitrophenol	7.945	139	231793	49.639	ng	92
27) 2,4-Dimethylphenol	7.975	122	318044	47.310	ng	96
28) bis(2-Chloroethoxy)met...	8.075	93	472572	43.267	ng	99
29) 2,4-Dichlorophenol	8.186	162	375961	46.269	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	387635	43.761	ng	99
31) Naphthalene	8.357	128	1261107	43.657	ng	100
32) Benzoic acid	8.080	122	240752	41.512	ng	95
34) Hexachlorobutadiene	8.469	225	229744	42.245	ng	99
35) Caprolactam	8.769	113	86327	33.531	ng	94
36) 4-Chloro-3-methylphenol	8.874	107	393240	46.407	ng	95
37) 2-Methylnaphthalene	9.051	142	847292	45.313	ng	100
38) 1-Methylnaphthalene	9.151	142	787019	42.782	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	401519	46.957	ng	99
41) Hexachlorocyclopentadiene	9.198	237	401384	115.568	ng	100
43) 2,4,6-Trichlorophenol	9.322	196	267932	46.032	ng	99
44) 2,4,5-Trichlorophenol	9.363	196	295975	46.051	ng	95

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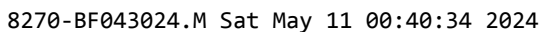
Instrument :
 BNA_F
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 WCS-TP-DMS

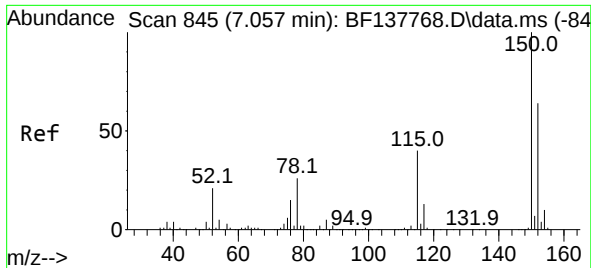
Quant Time: May 11 00:40:21 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.516	154	1037997	46.848	ng	98
47) 2-Chloronaphthalene	9.545	162	812679	45.432	ng	99
48) 2-Nitroaniline	9.633	65	209583	43.201	ng	98
49) Acenaphthylene	9.963	152	1274322	49.247	ng	100
50) Dimethylphthalate	9.810	163	1008778	49.496	ng	100
51) 2,6-Dinitrotoluene	9.874	165	224353	48.168	ng	96
52) Acenaphthene	10.133	154	836987	48.798	ng	99
53) 3-Nitroaniline	10.039	138	20342	4.171	ng	92
54) 2,4-Dinitrophenol	10.151	184	197825	86.439	ng	94
55) Dibenzofuran	10.304	168	1154869	46.269	ng	99
56) 4-Nitrophenol	10.192	139	224419	55.514	ng	97
57) 2,4-Dinitrotoluene	10.280	165	286337	47.056	ng	95
58) Fluorene	10.651	166	904118	45.514	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.416	232	241599	46.302	ng	99
60) Diethylphthalate	10.510	149	928064	47.945	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	452242	46.204	ng	98
62) 4-Nitroaniline	10.663	138	131918	26.664	ng	97
63) Azobenzene	10.798	77	819258	43.791	ng	96
65) 4,6-Dinitro-2-methylph...	10.686	198	145835	51.186	ng	91
66) n-Nitrosodiphenylamine	10.757	169	587305	39.525	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	275891	51.932	ng	96
68) Hexachlorobenzene	11.198	284	296453	51.064	ng	95
69) Atrazine	11.274	200	118210	26.091	ng	100
70) Pentachlorophenol	11.392	266	325014	81.544	ng	97
71) Phenanthrene	11.621	178	1180747	48.801	ng	98
72) Anthracene	11.668	178	1194085	49.601	ng	99
73) Carbazole	11.821	167	728149	31.384	ng	99
74) Di-n-butylphthalate	12.139	149	1289277	50.942	ng	99
75) Fluoranthene	12.810	202	994405	37.599	ng	99
78) Pyrene	13.045	202	971472	46.868	ng	98
80) Butylbenzylphthalate	13.645	149	358449	54.503	ng	98
81) Benzo(a)anthracene	14.233	228	838719	50.161	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	12478	2.493	ng	93
83) Chrysene	14.268	228	802679	51.270	ng	98
84) Bis(2-ethylhexyl)phtha...	14.198	149	484449	58.449	ng	99
85) Di-n-octyl phthalate	14.827	149	799199	71.647	ng	97
87) Indeno(1,2,3-cd)pyrene	17.445	276	575838	41.511	ng	98
88) Benzo(b)fluoranthene	15.339	252	774021	50.987	ng	100
89) Benzo(k)fluoranthene	15.368	252	804990	54.863	ng	100
90) Benzo(a)pyrene	15.745	252	669246	54.037	ng	99
91) Dibenzo(a,h)anthracene	17.462	278	459908	40.731	ng	97
92) Benzo(g,h,i)perylene	17.939	276	420111	35.492	ng	99

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

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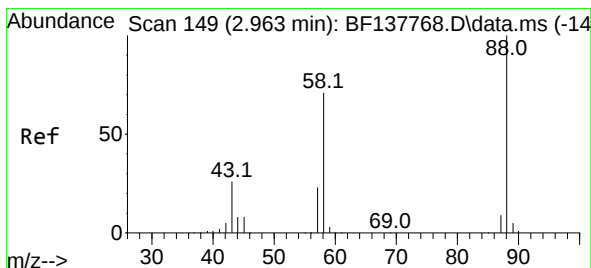
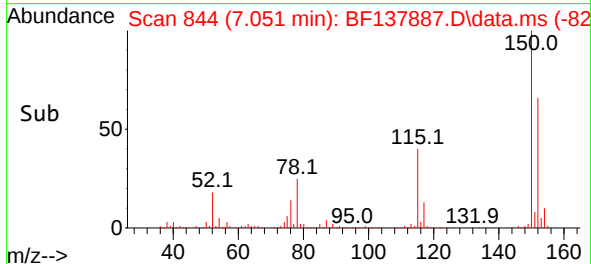
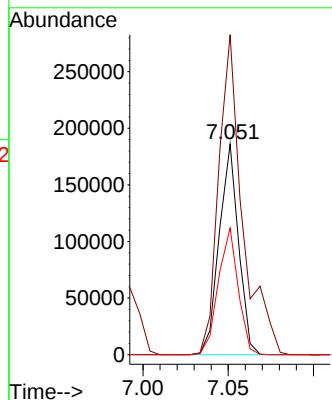
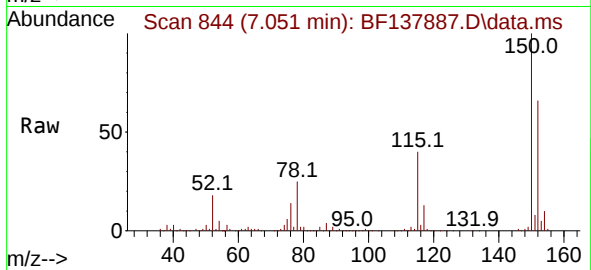




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137887.D
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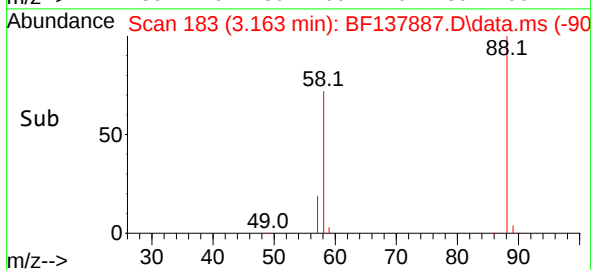
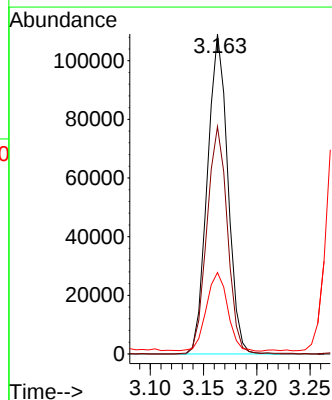
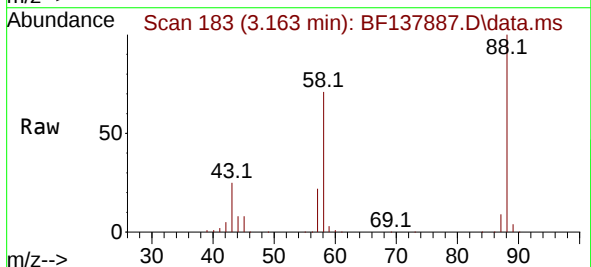
Instrument :
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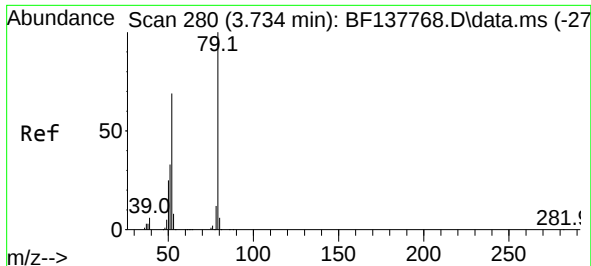
Tgt Ion:152 Resp: 147353
Ion Ratio Lower Upper
152 100
150 151.9 124.1 186.1
115 60.1 49.1 73.7



#2
1,4-Dioxane
Concen: 36.629 ng
RT: 3.163 min Scan# 183
Delta R.T. 0.200 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion: 88 Resp: 145166
Ion Ratio Lower Upper
88 100
58 71.7 58.8 88.2
43 0.0 21.4 32.0#

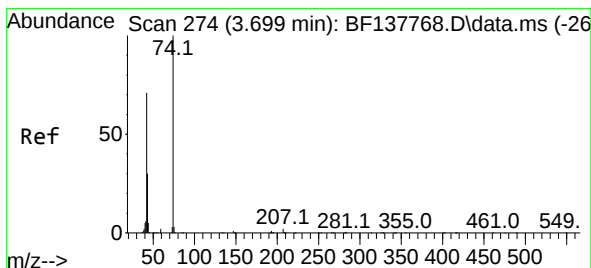
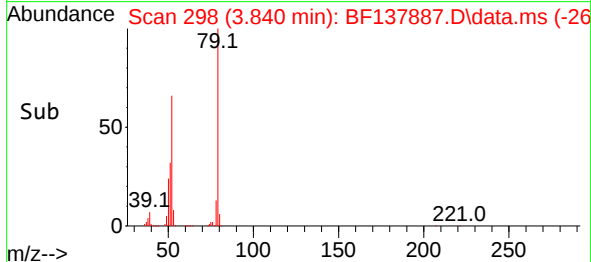
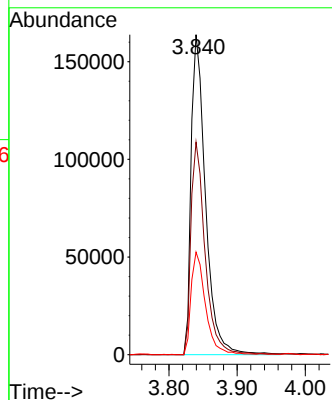
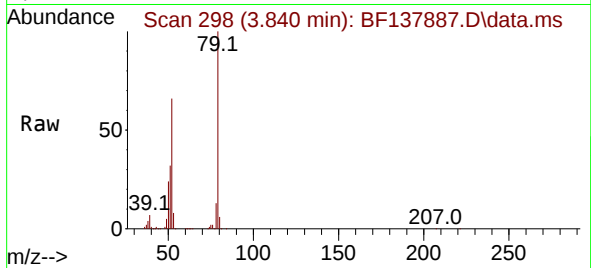




#3
Pyridine
Concen: 24.901 ng
RT: 3.840 min Scan# 298
Delta R.T. 0.106 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

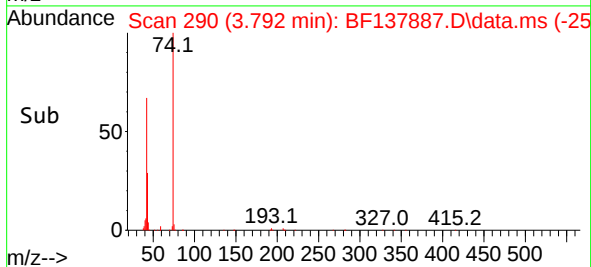
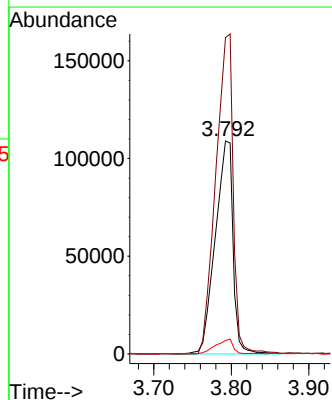
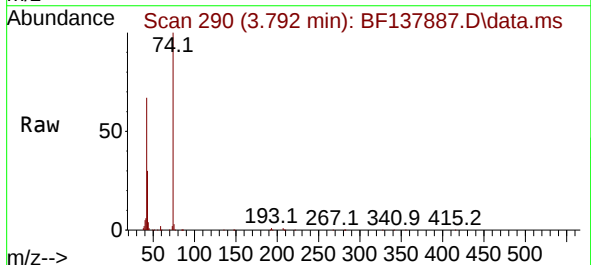
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

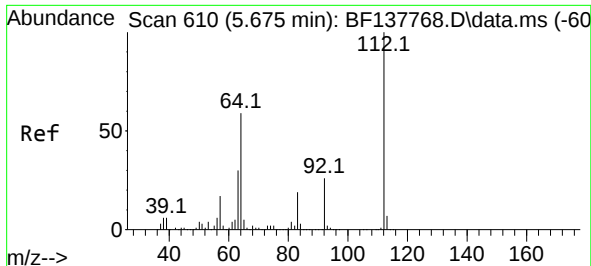
Tgt Ion: 79 Resp: 238839
Ion Ratio Lower Upper
79 100
52 66.4 55.5 83.3
51 32.1 26.9 40.3



#4
n-Nitrosodimethylamine
Concen: 40.070 ng
RT: 3.792 min Scan# 290
Delta R.T. 0.094 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion: 42 Resp: 173069
Ion Ratio Lower Upper
42 100
74 148.5 112.9 169.3
44 6.3 5.6 8.4

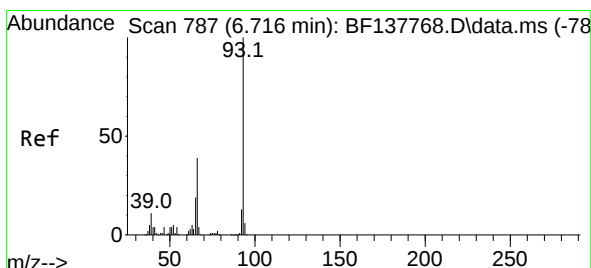
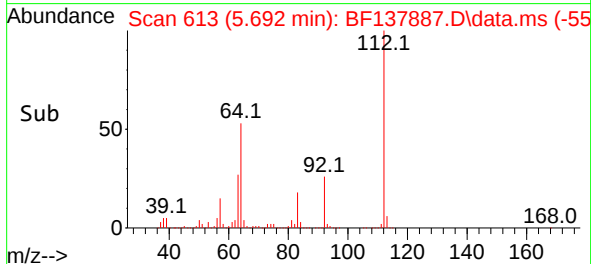
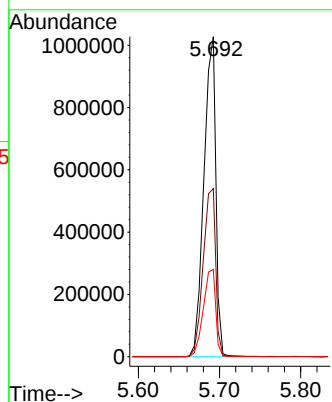
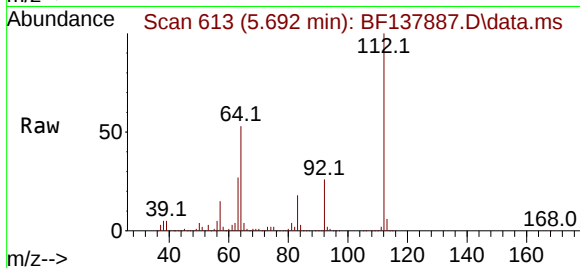




#5
2-Fluorophenol
Concen: 119.269 ng
RT: 5.692 min Scan# 610
Delta R.T. 0.017 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

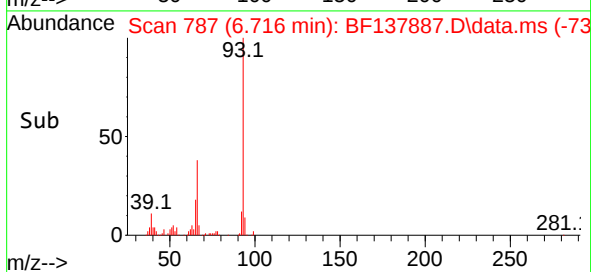
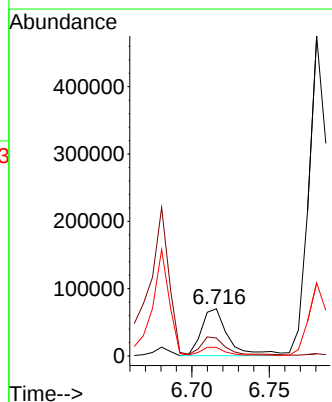
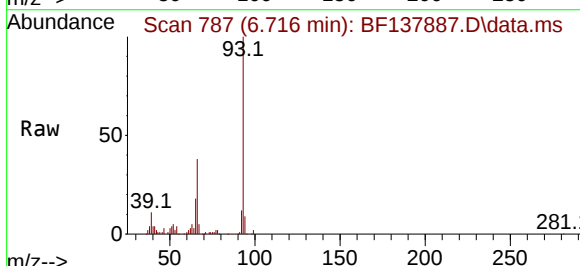
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

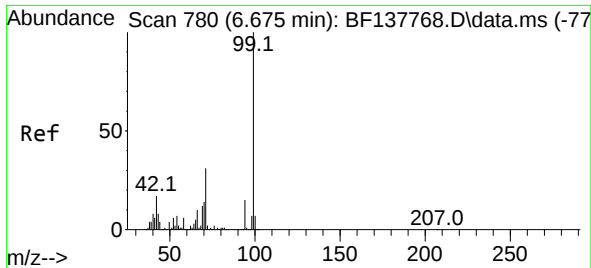
Tgt Ion:112 Resp: 1049682
Ion Ratio Lower Upper
112 100
64 52.6 47.3 70.9
63 27.3 23.7 35.5



#6
Aniline
Concen: 7.563 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion: 93 Resp: 83684
Ion Ratio Lower Upper
93 100
66 37.8 31.8 47.6
65 18.3 15.4 23.2





#7

Phenol-d6

Concen: 110.566 ng

RT: 6.669 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

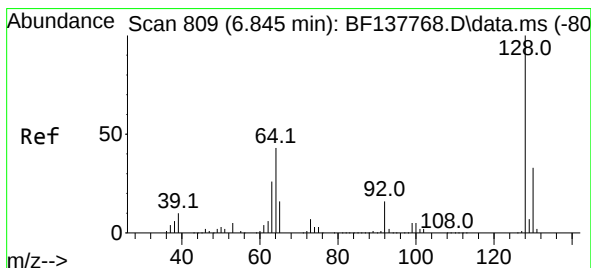
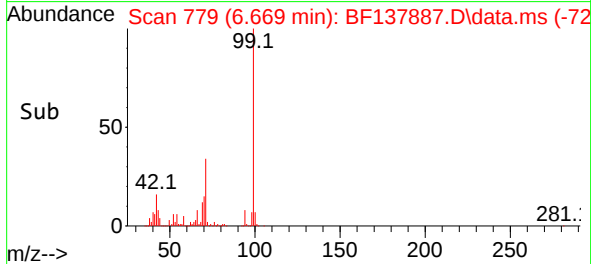
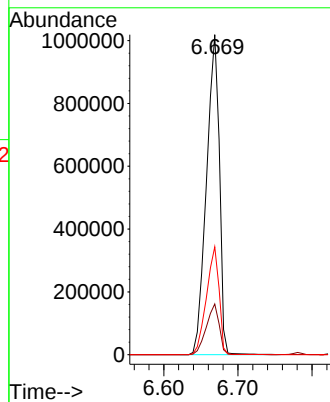
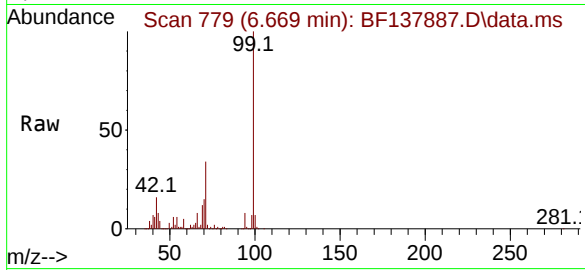
BNA_F

ClientSampleId :

WCS-TP-DMS

Tgt Ion: 99 Resp: 1234267

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.2	19.8
71	33.7	25.0	37.4



#8

2-Chlorophenol

Concen: 44.663 ng

RT: 6.833 min Scan# 807

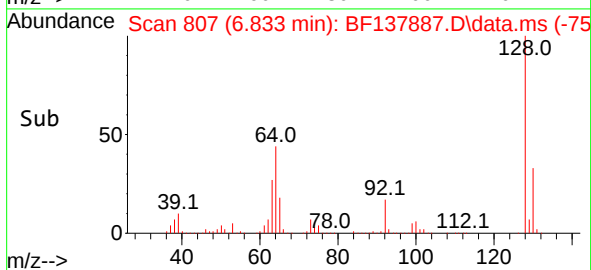
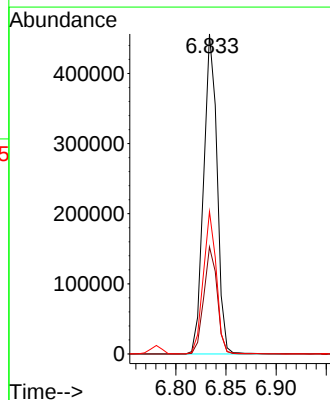
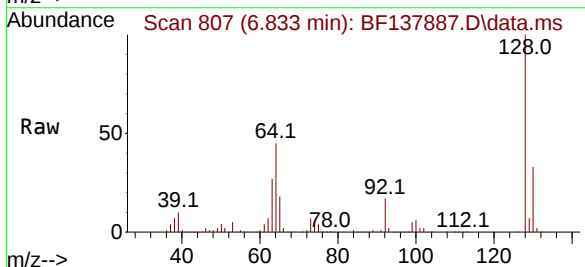
Delta R.T. -0.012 min

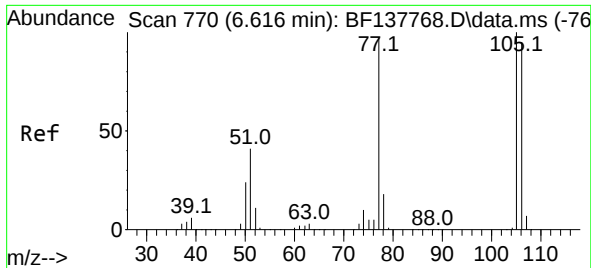
Lab File: BF137887.D

Acq: 10 May 2024 18:22

Tgt Ion: 128 Resp: 428367

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.5	52.5
64	44.5	23.9	63.9

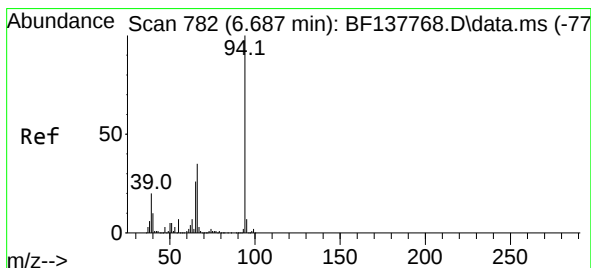
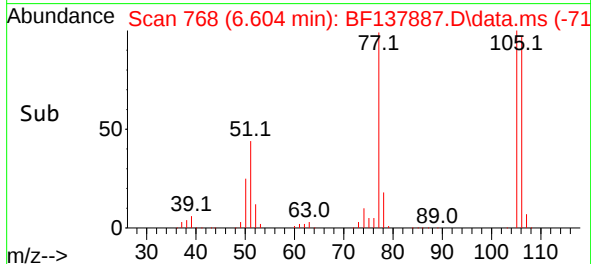
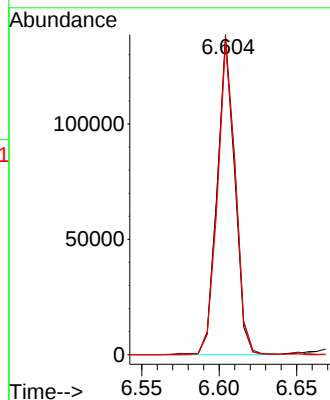
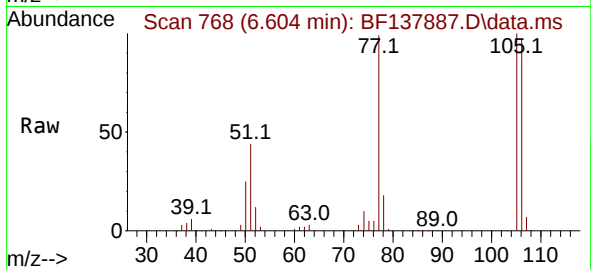




#9
Benzaldehyde
Concen: 18.035 ng
RT: 6.604 min Scan# 770
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

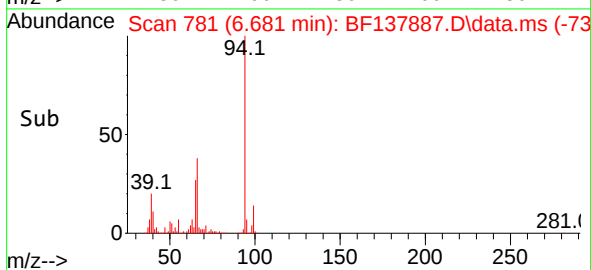
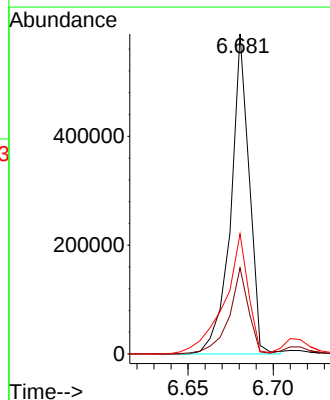
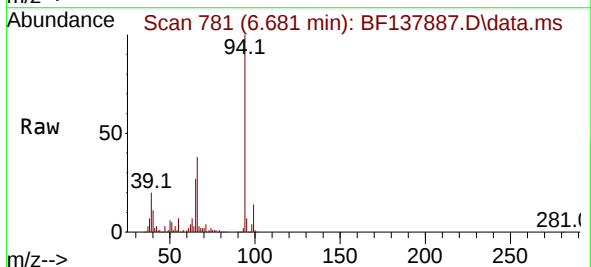
Instrument :
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ClientSampleId :
WCS-TP-DMS

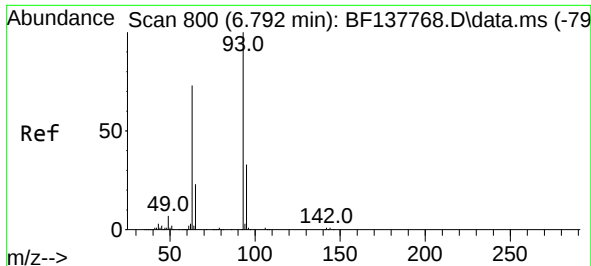
Tgt Ion: 77 Resp: 108422
Ion Ratio Lower Upper
77 100
105 101.3 83.2 123.2
106 98.6 77.7 117.7



#10
Phenol
Concen: 38.659 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion: 94 Resp: 442206
Ion Ratio Lower Upper
94 100
65 26.9 6.4 46.4
66 37.5 15.4 55.4

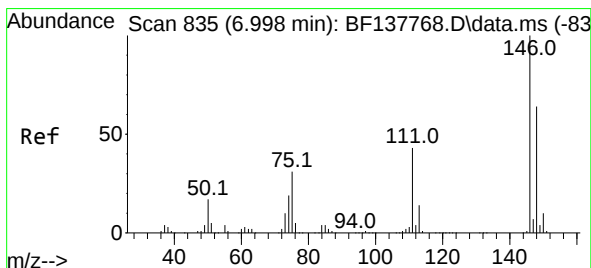
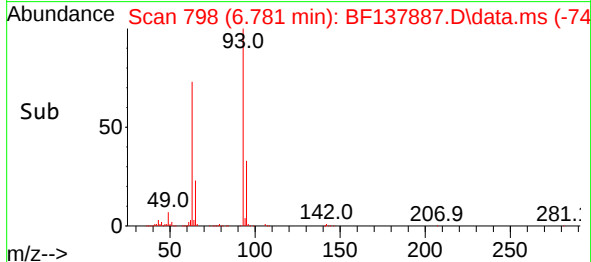
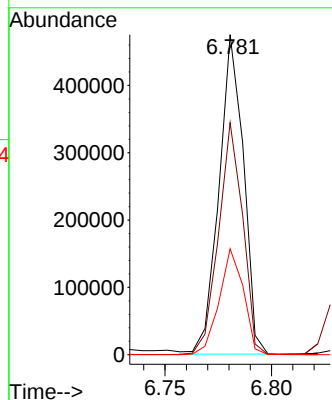
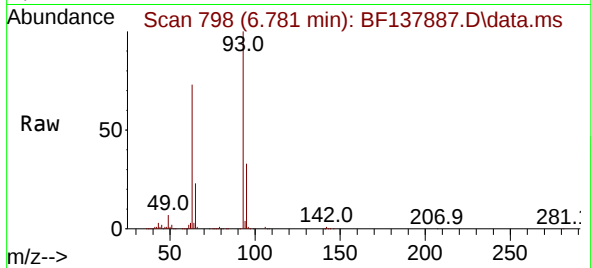




#11
bis(2-Chloroethyl)ether
Concen: 42.341 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

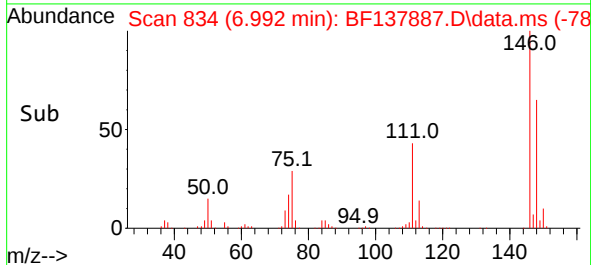
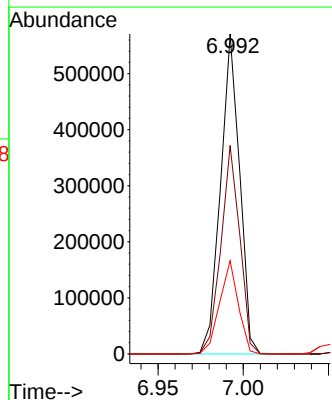
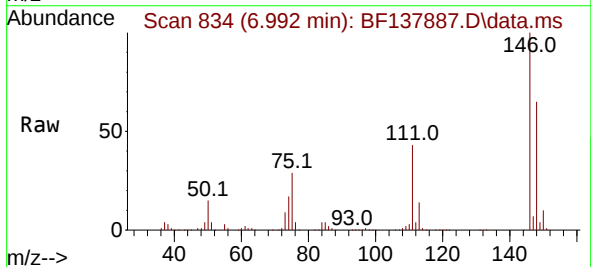
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

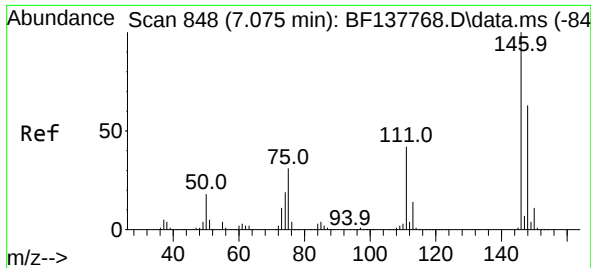
Tgt Ion: 93 Resp: 379223
Ion Ratio Lower Upper
93 100
63 72.5 51.6 91.6
95 33.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.113 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:146 Resp: 444664
Ion Ratio Lower Upper
146 100
148 65.1 51.2 76.8
75 29.1 25.1 37.7

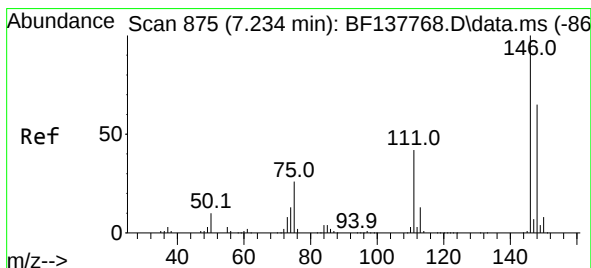
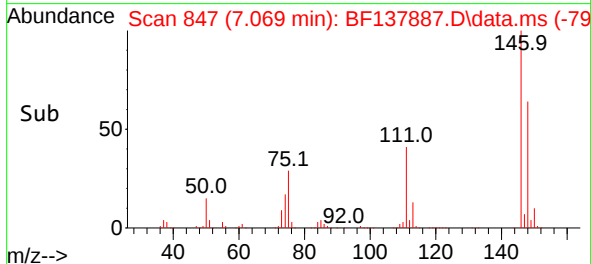
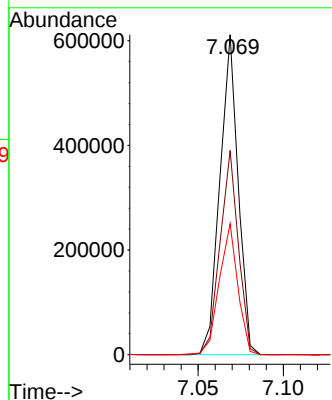
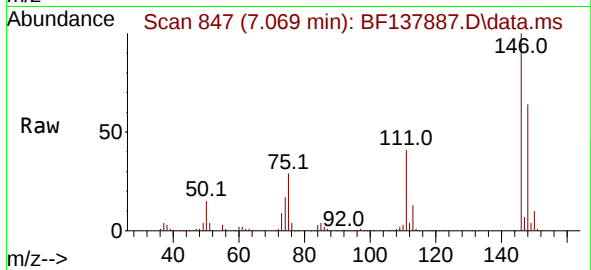




#13
1,4-Dichlorobenzene
Concen: 42.048 ng
RT: 7.069 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

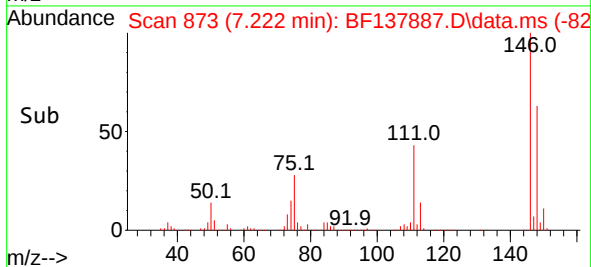
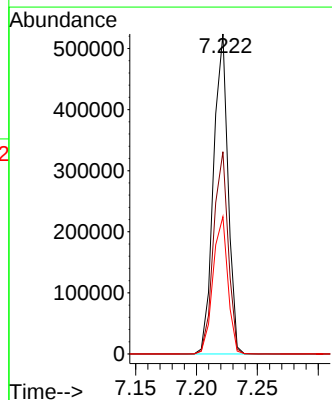
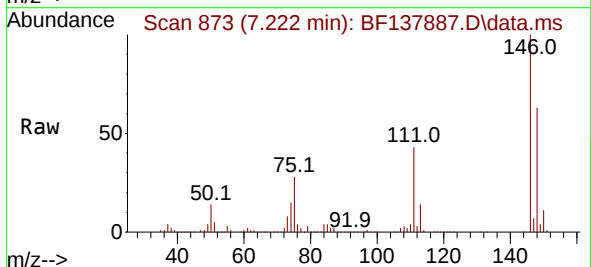
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

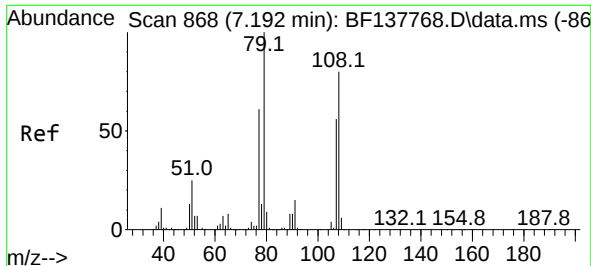
Tgt Ion:146 Resp: 456322
Ion Ratio Lower Upper
146 100
148 63.8 50.7 76.1
111 40.9 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 42.418 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:146 Resp: 433578
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
111 42.9 33.6 50.4

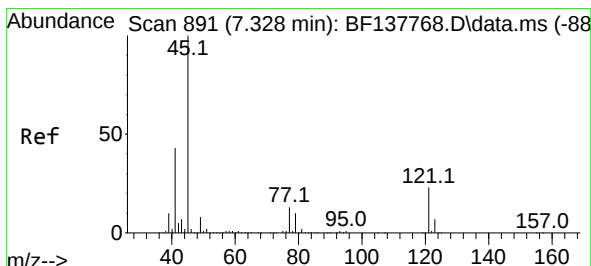
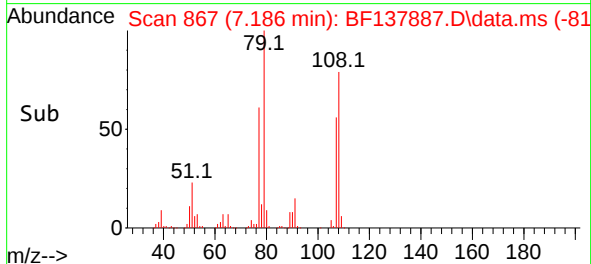
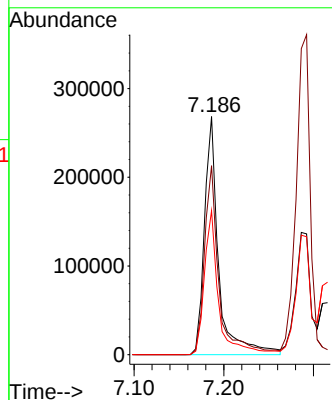
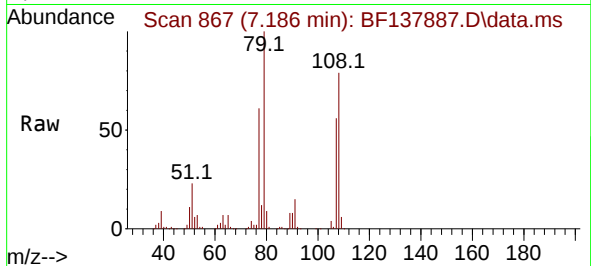




#15
Benzyl Alcohol
Concen: 38.370 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

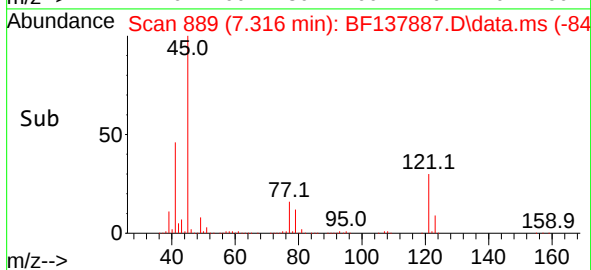
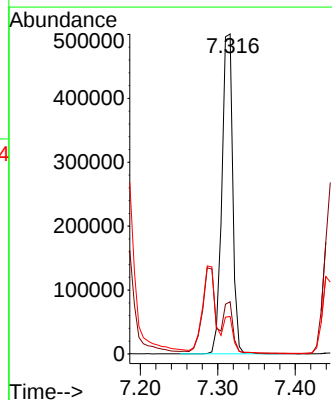
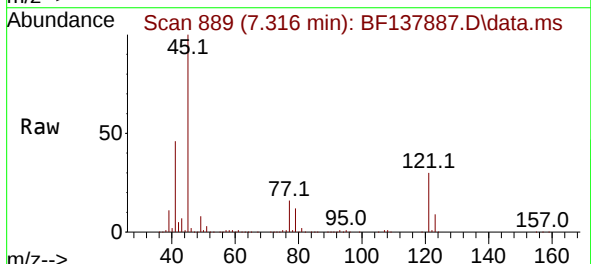
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

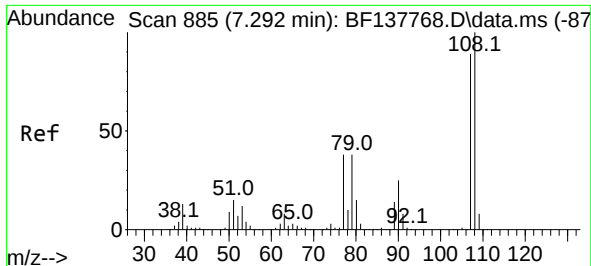
Tgt Ion: 79 Resp: 296211
Ion Ratio Lower Upper
79 100
108 79.4 64.2 96.2
77 60.5 48.5 72.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.600 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion: 45 Resp: 485946
Ion Ratio Lower Upper
45 100
77 16.3 0.0 33.8
79 11.7 0.0 31.0



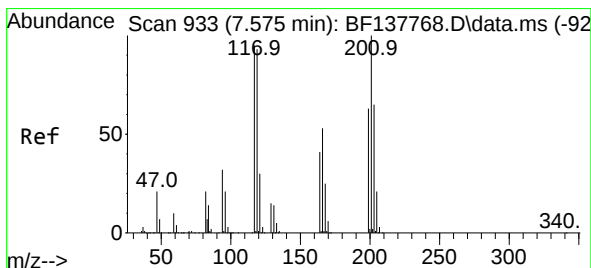
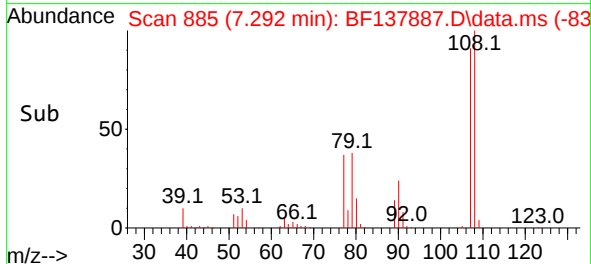
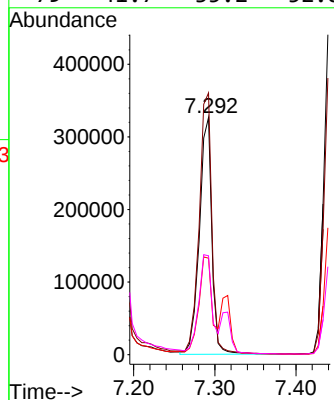
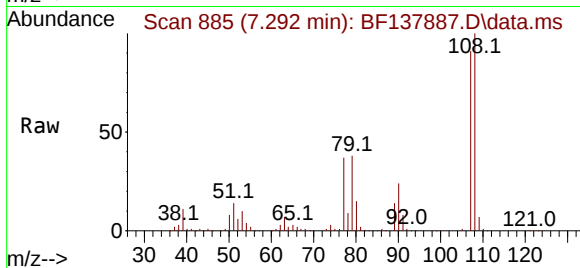


#17
2-Methylphenol
Concen: 45.173 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

Tgt Ion:107 Resp: 349603

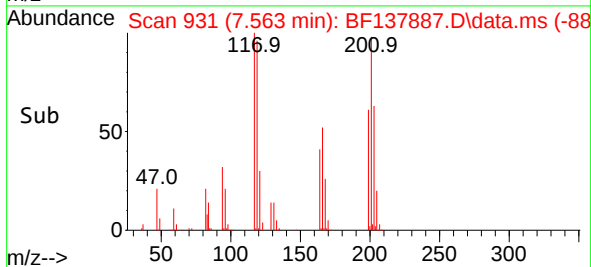
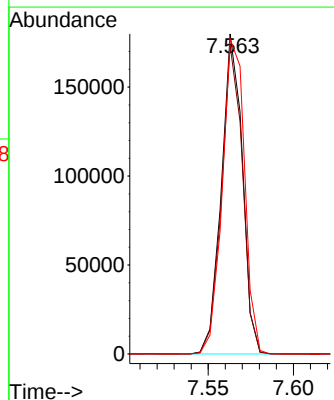
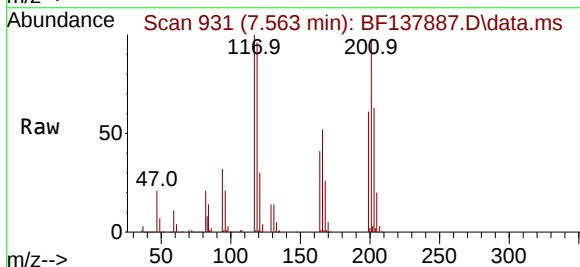
Ion	Ratio	Lower	Upper
107	100		
108	110.4	90.5	135.7
77	40.7	34.5	51.7
79	41.7	35.2	52.8



#18
Hexachloroethane
Concen: 41.934 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:117 Resp: 153847

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.6	116.4
201	98.4	83.8	125.8

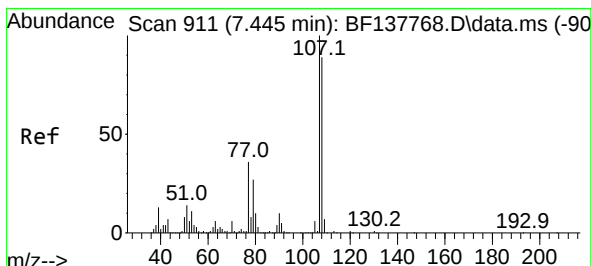
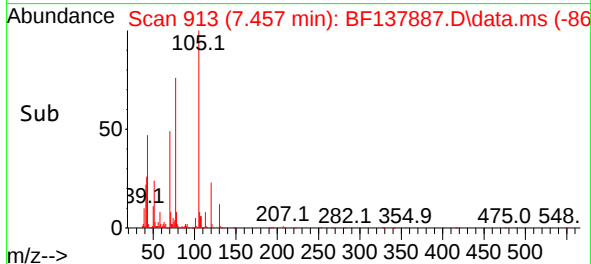
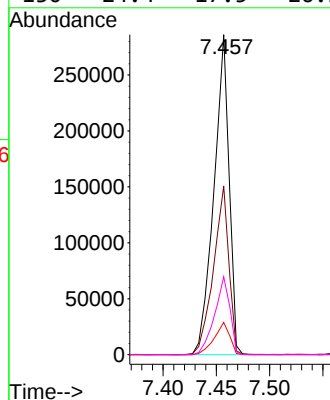
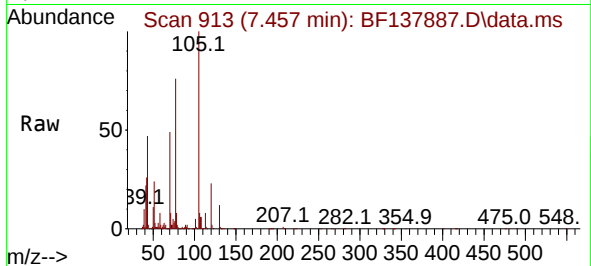




#19
n-Nitroso-di-n-propylamine
Concen: 42.633 ng
RT: 7.457 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

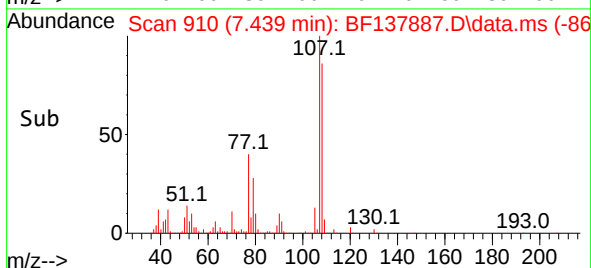
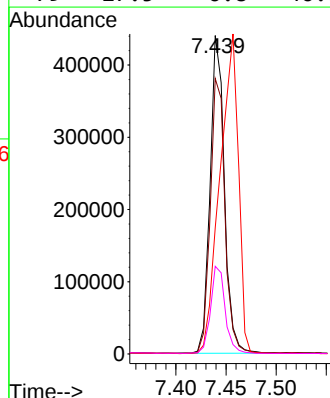
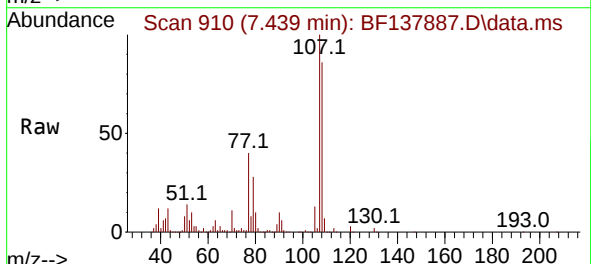
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

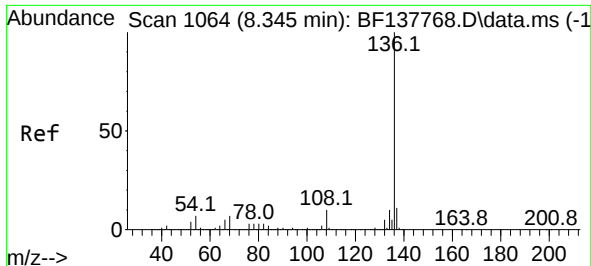
Tgt Ion:	70	Resp:	284413
Ion	Ratio	Lower	Upper
70	100		
42	52.7	44.6	66.8
101	10.1	7.8	11.6
130	24.4	17.5	26.3



#20
3+4-Methylphenols
Concen: 42.944 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:	107	Resp:	437251
Ion	Ratio	Lower	Upper
107	100		
108	86.5	69.3	109.3
77	39.7	15.7	55.7
79	27.5	6.8	46.8

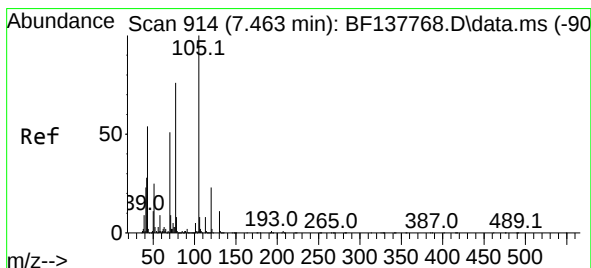
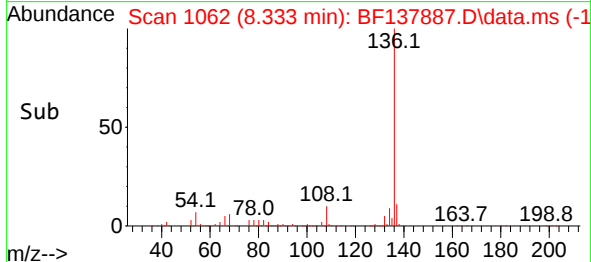
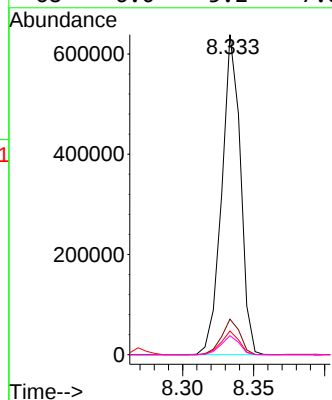
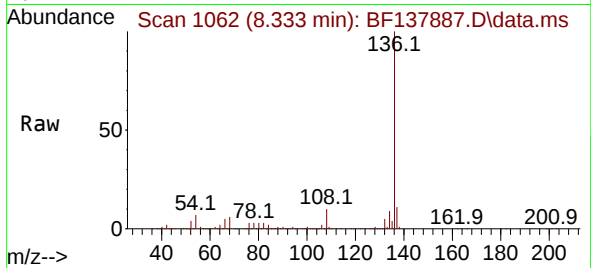




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

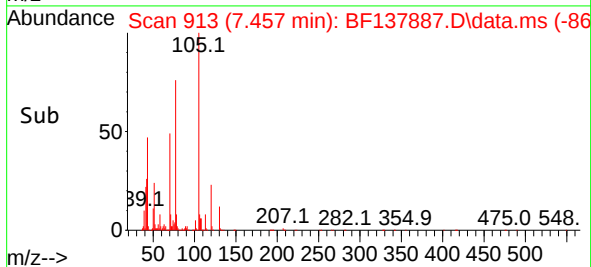
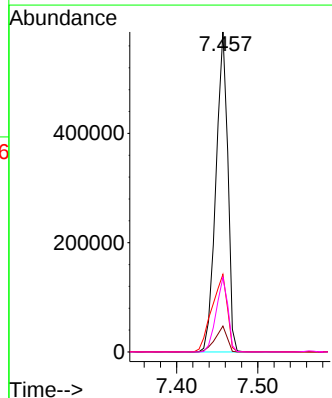
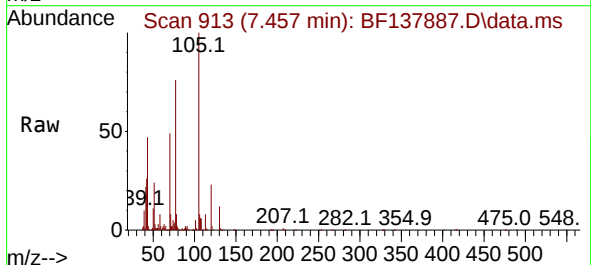
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

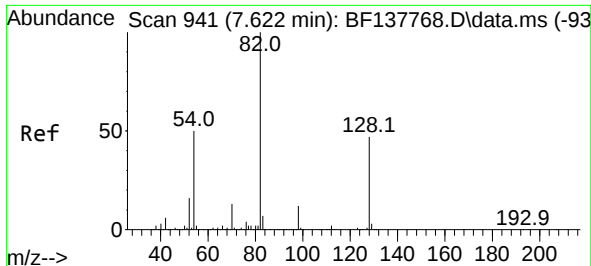
Tgt Ion:	136	Resp:	581275
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.4	5.8	8.8
68	6.0	5.2	7.8



#22
Acetophenone
Concen: 45.339 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:	105	Resp:	592724
Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.9	10.3
51	24.3	20.2	30.2
120	23.3	18.6	27.8





#23

Nitrobenzene-d5

Concen: 85.845 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

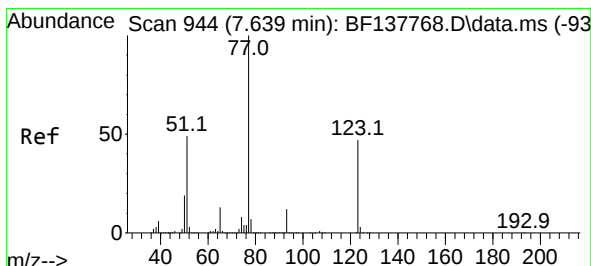
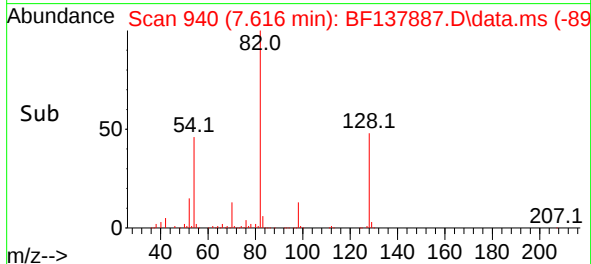
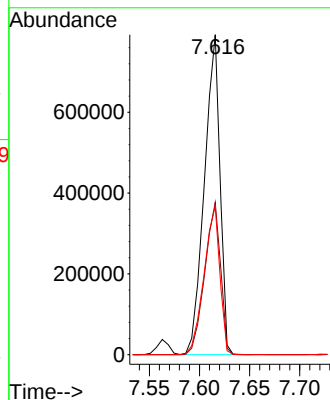
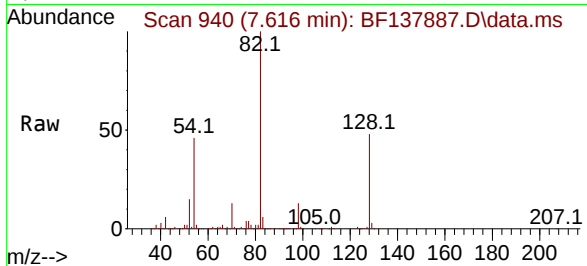
Tgt Ion: 82 Resp: 858881

Ion Ratio Lower Upper

82 100

128 47.6 37.5 56.3

54 46.3 39.8 59.6



#24

Nitrobenzene

Concen: 41.830 ng

RT: 7.633 min Scan# 943

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

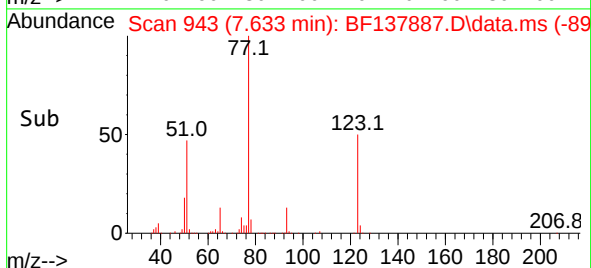
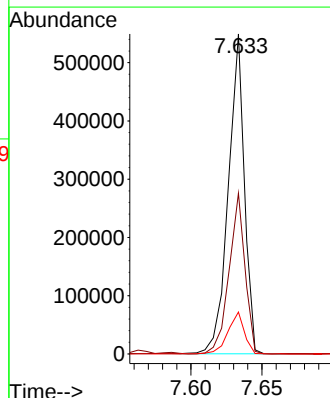
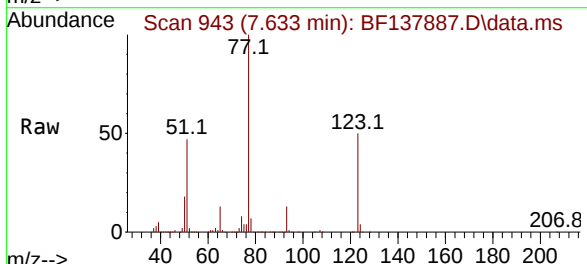
Tgt Ion: 77 Resp: 431337

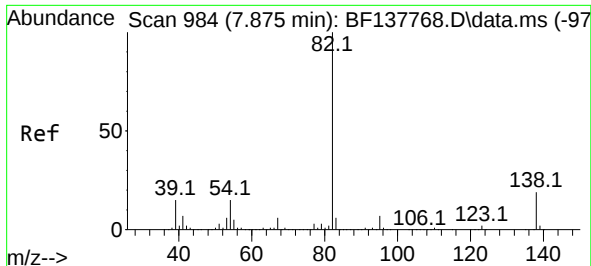
Ion Ratio Lower Upper

77 100

123 50.3 37.4 56.2

65 13.1 10.7 16.1

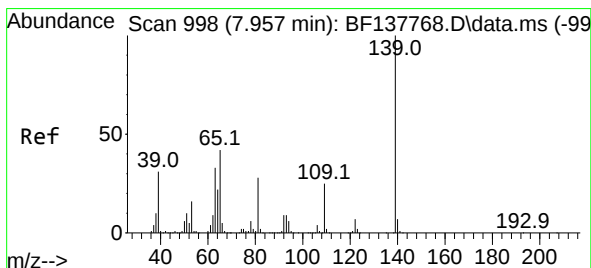
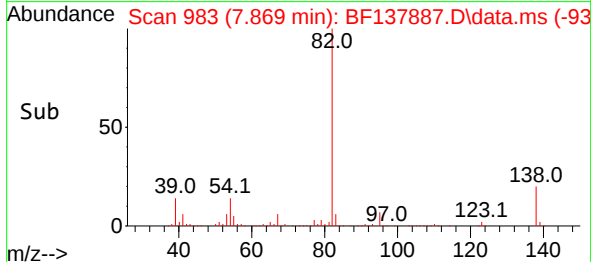
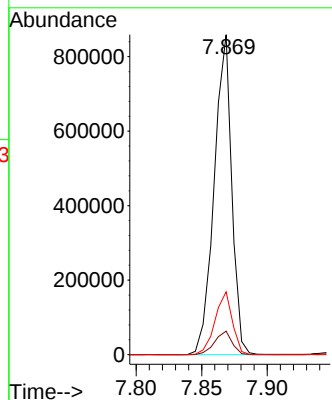
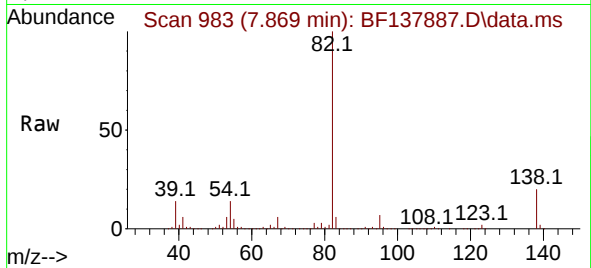




#25
Isophorone
Concen: 44.310 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

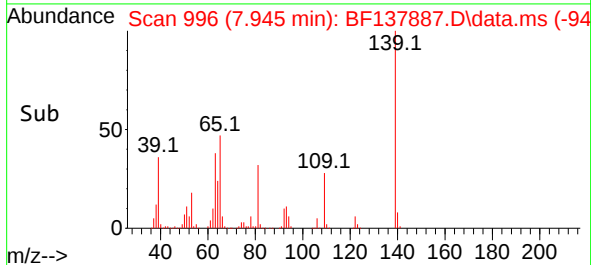
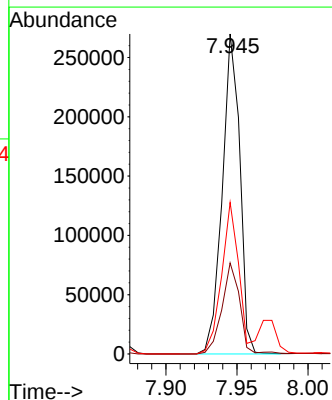
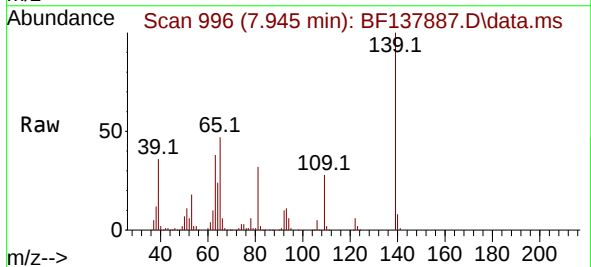
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

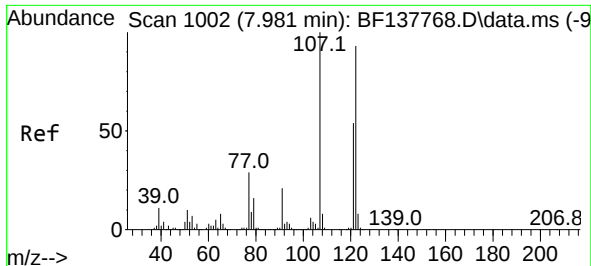
Tgt Ion: 82 Resp: 799313
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 19.7 15.0 22.6



#26
2-Nitrophenol
Concen: 49.639 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:139 Resp: 231793
Ion Ratio Lower Upper
139 100
109 28.5 20.2 30.2
65 47.4 33.4 50.0

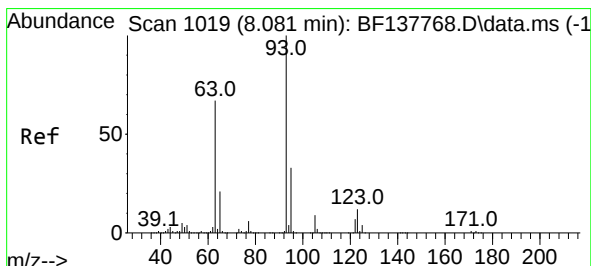
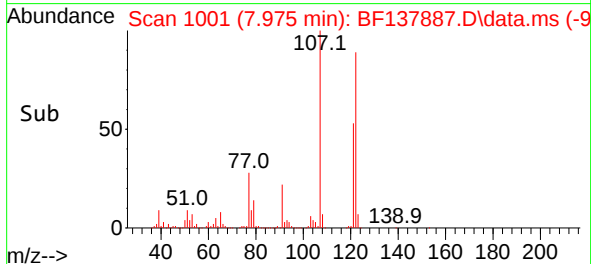
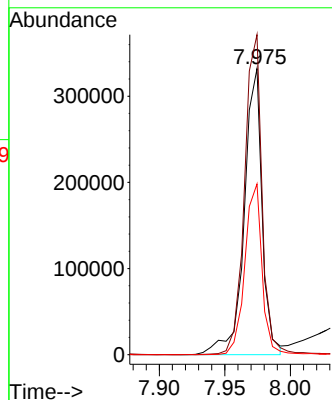
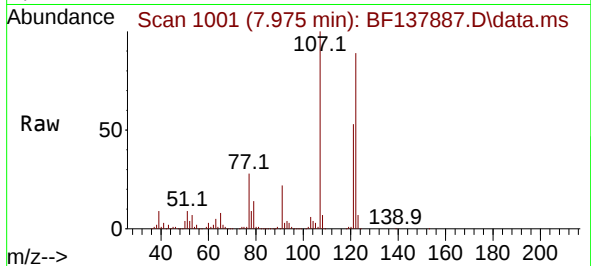




#27
2,4-Dimethylphenol
Concen: 47.310 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

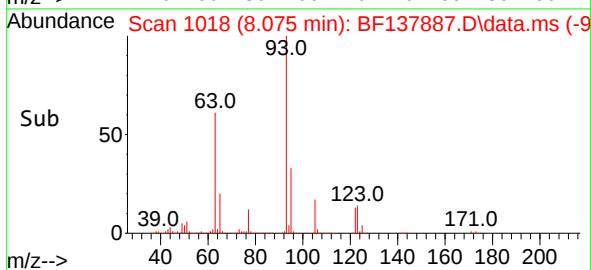
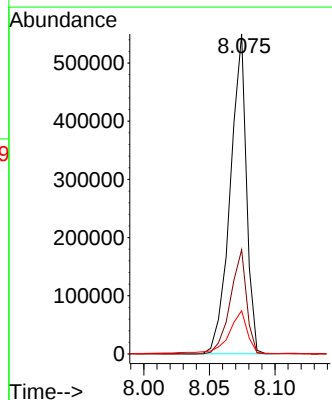
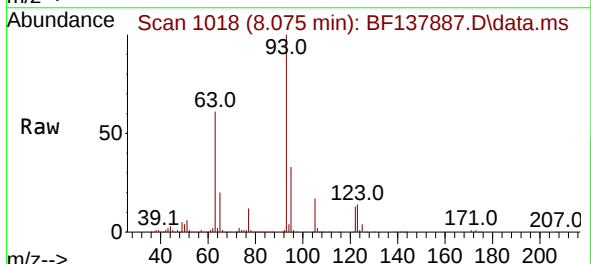
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

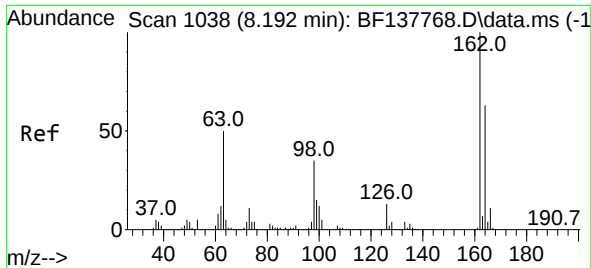
Tgt Ion:122 Resp: 318044
Ion Ratio Lower Upper
122 100
107 111.8 85.8 128.8
121 59.7 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.267 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion: 93 Resp: 472572
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 13.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.269 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

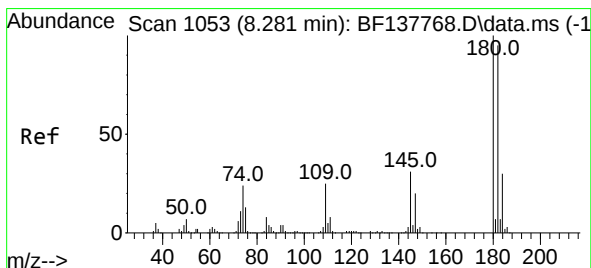
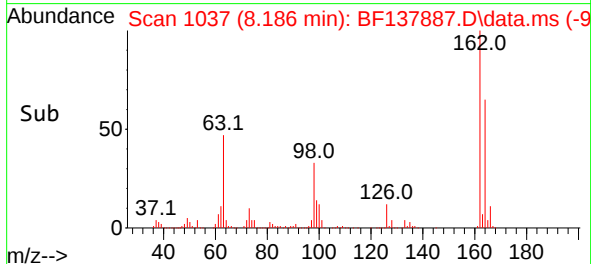
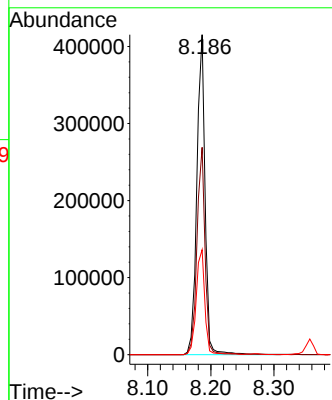
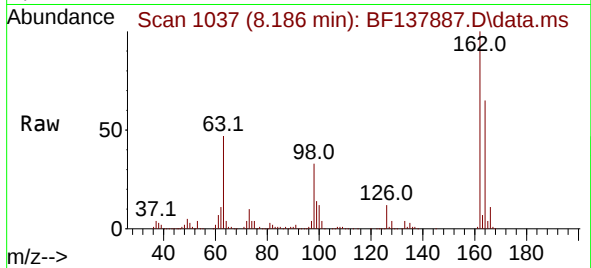
Tgt Ion:162 Resp: 375961

Ion Ratio Lower Upper

162 100

164 64.8 43.5 83.5

98 32.8 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 43.761 ng

RT: 8.275 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

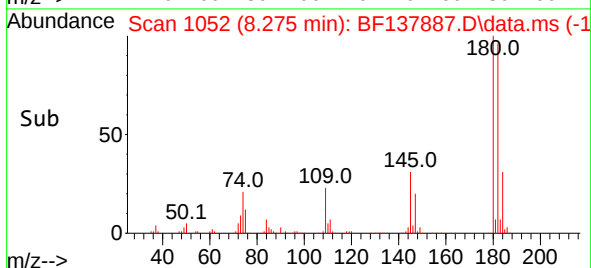
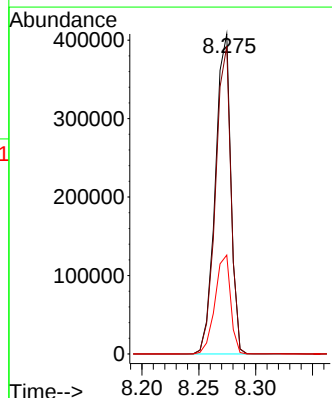
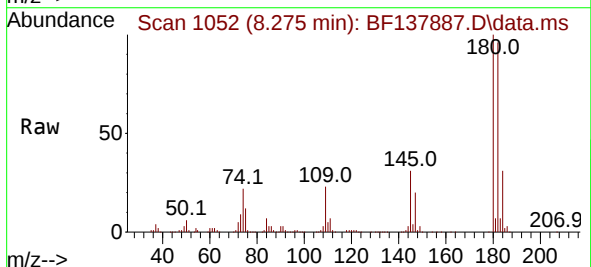
Tgt Ion:180 Resp: 387635

Ion Ratio Lower Upper

180 100

182 96.2 76.2 114.2

145 30.9 25.1 37.7

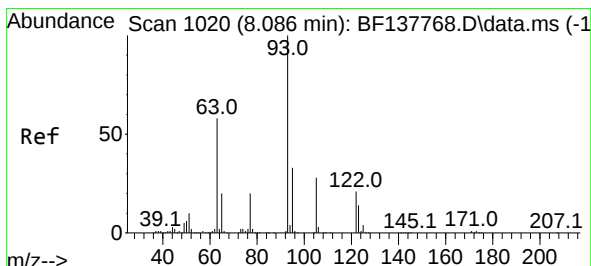
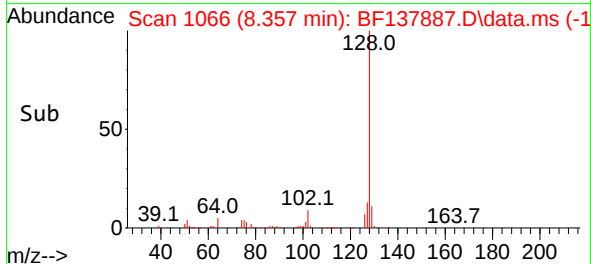
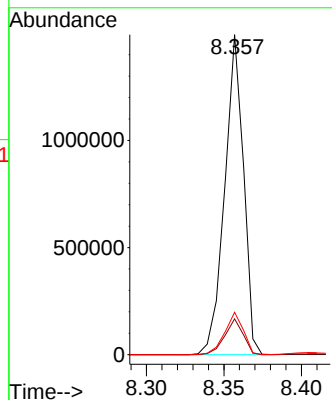
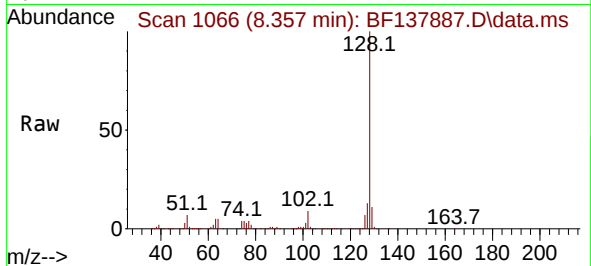




#31
Naphthalene
Concen: 43.657 ng
RT: 8.357 min Scan# 1066
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

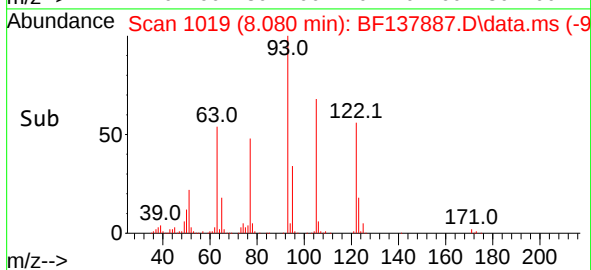
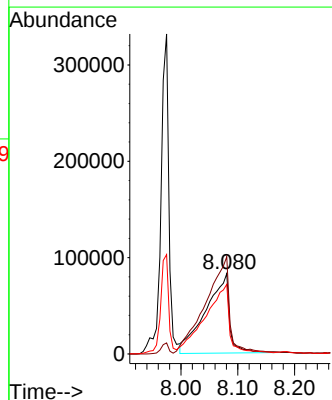
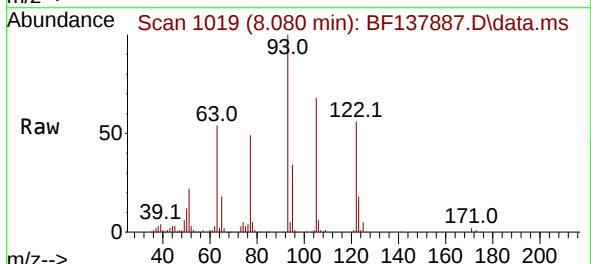
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

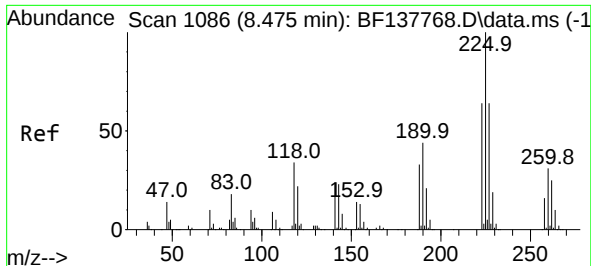
Tgt Ion:128 Resp: 1261107
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 41.512 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:122 Resp: 240752
Ion Ratio Lower Upper
122 100
105 121.3 105.3 145.3
77 86.8 73.2 113.2

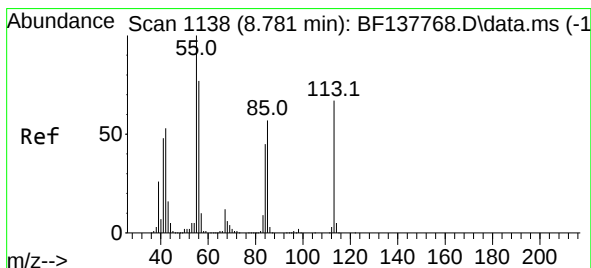
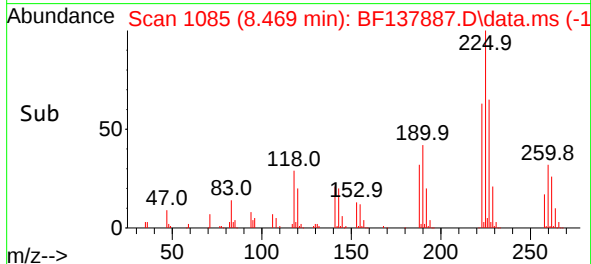
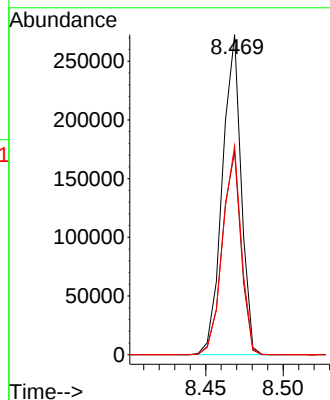
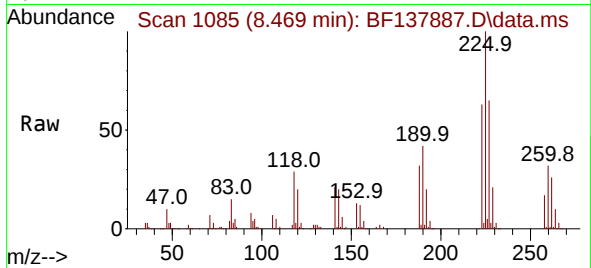




#34
Hexachlorobutadiene
Concen: 42.245 ng
RT: 8.469 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

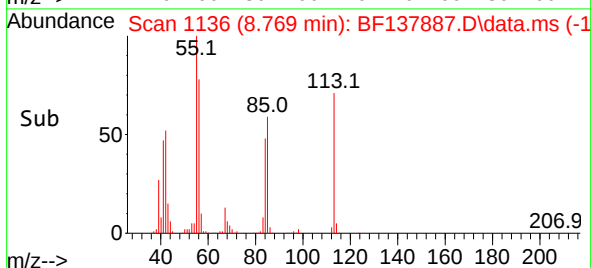
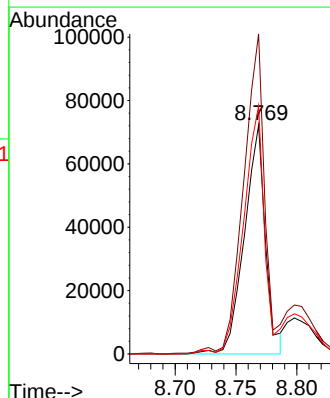
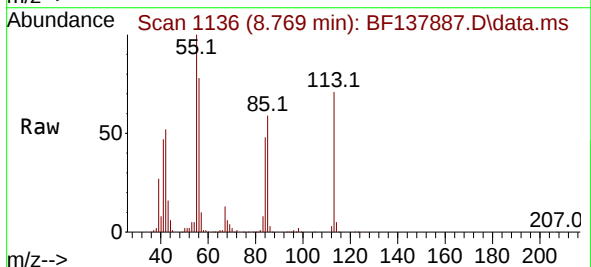
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

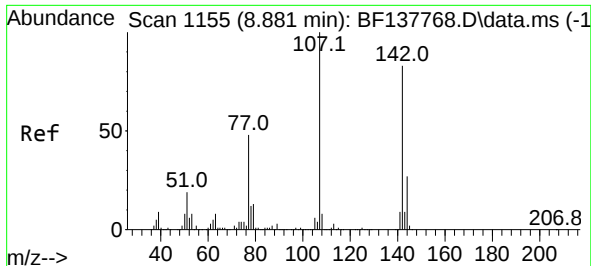
Tgt Ion:225 Resp: 229744
Ion Ratio Lower Upper
225 100
223 63.3 51.1 76.7
227 65.3 51.4 77.0



#35
Caprolactam
Concen: 33.531 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:113 Resp: 86327
Ion Ratio Lower Upper
113 100
55 139.9 128.7 168.7
56 108.5 93.9 133.9

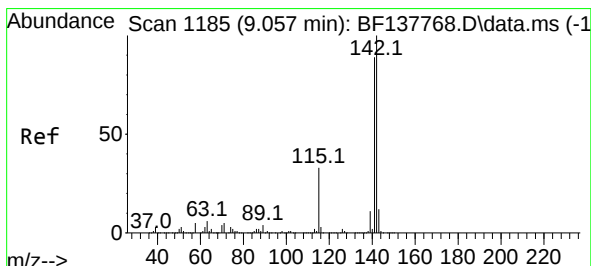
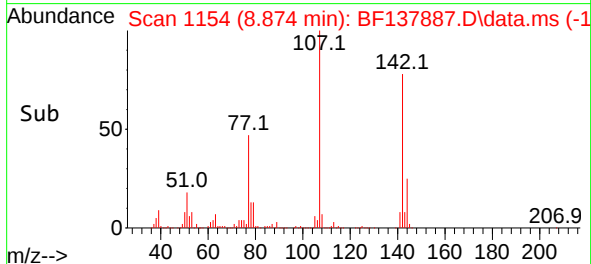
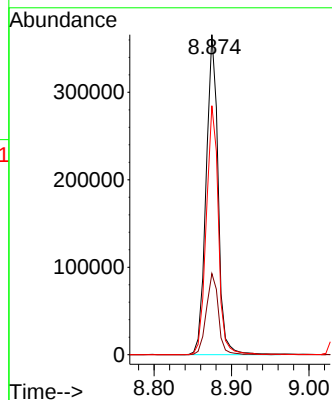
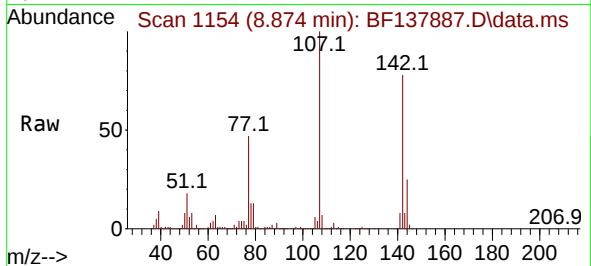




#36
4-Chloro-3-methylphenol
Concen: 46.407 ng
RT: 8.874 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

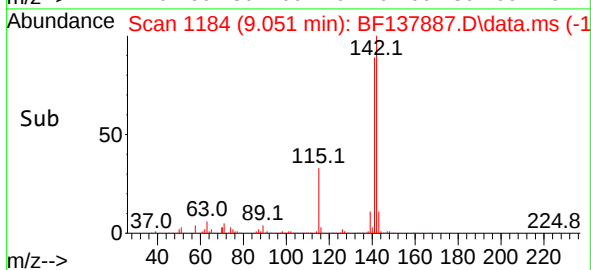
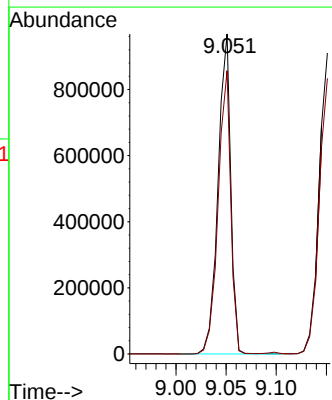
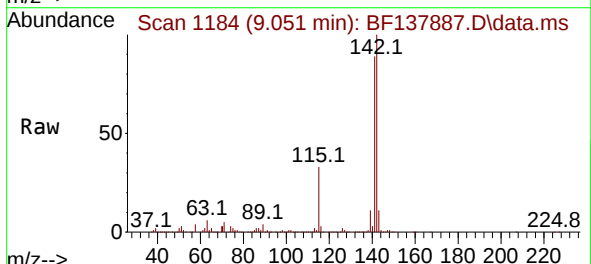
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

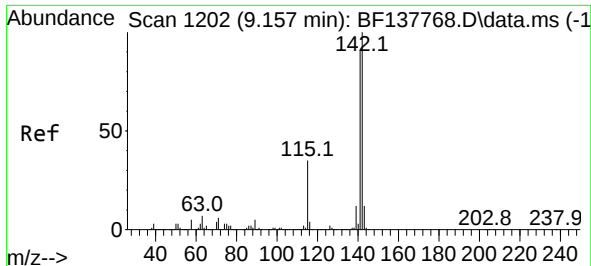
Tgt Ion:107 Resp: 393240
Ion Ratio Lower Upper
107 100
144 25.3 21.4 32.0
142 77.8 66.2 99.2



#37
2-Methylnaphthalene
Concen: 45.313 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:142 Resp: 847292
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2

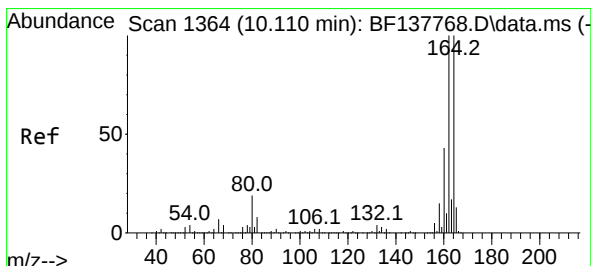
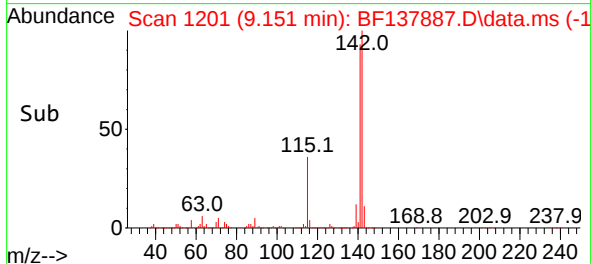
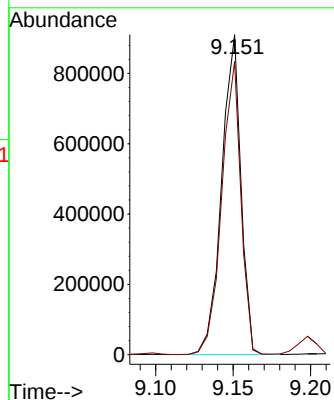
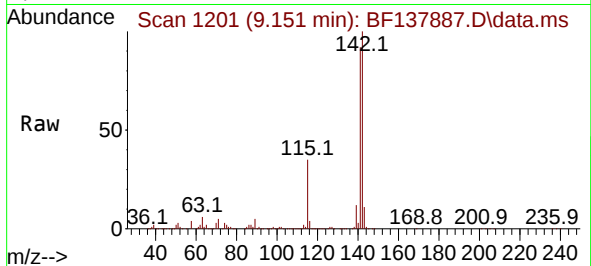




#38
1-Methylnaphthalene
Concen: 42.782 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

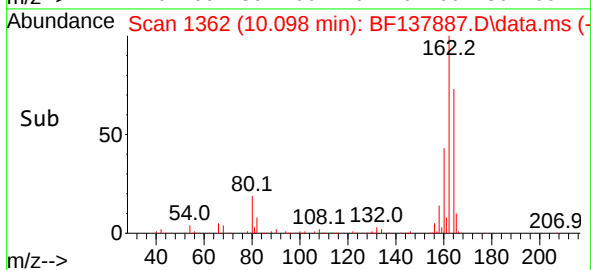
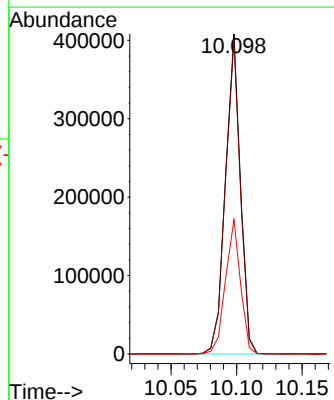
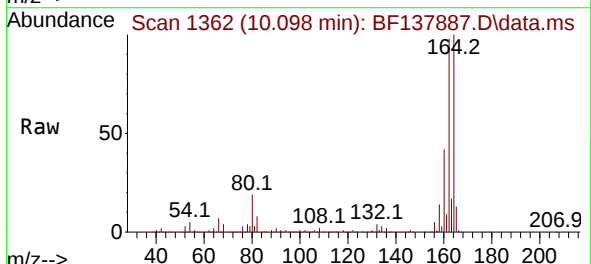
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

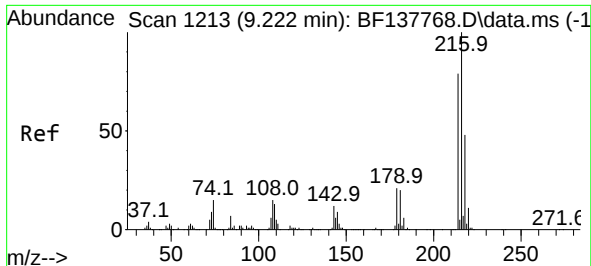
Tgt Ion:142 Resp: 787019
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:164 Resp: 322848
Ion Ratio Lower Upper
164 100
162 98.2 79.8 119.6
160 41.9 34.4 51.6



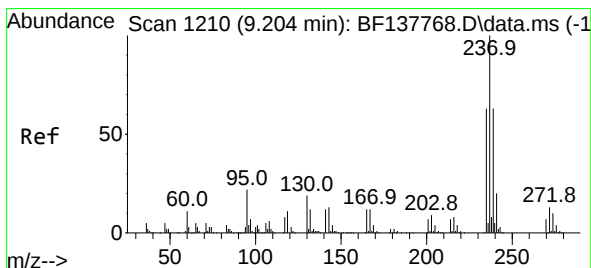
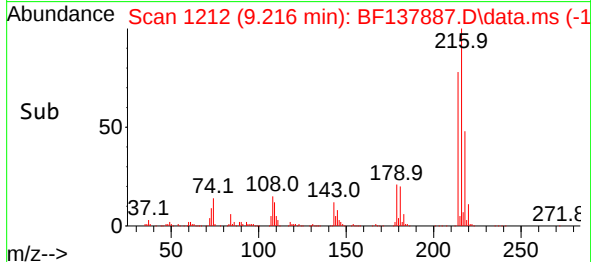
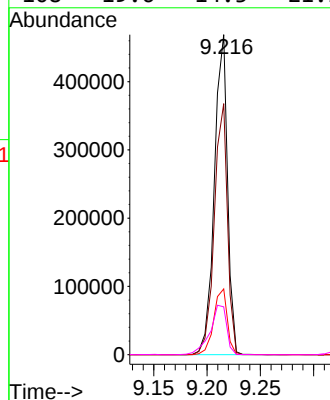
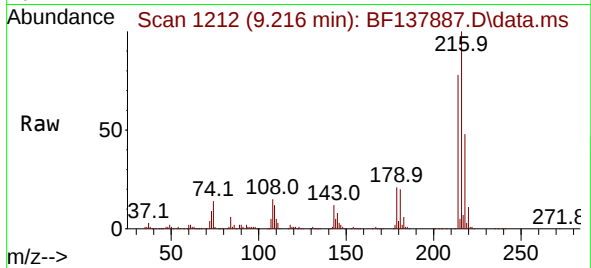


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.957 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

Tgt Ion:216 Resp: 401519

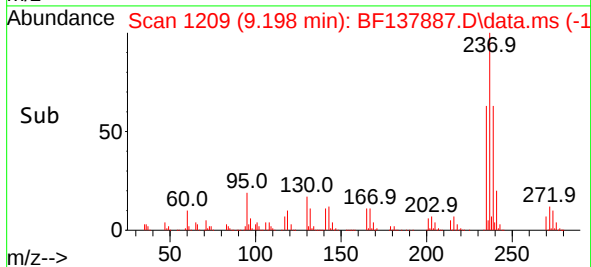
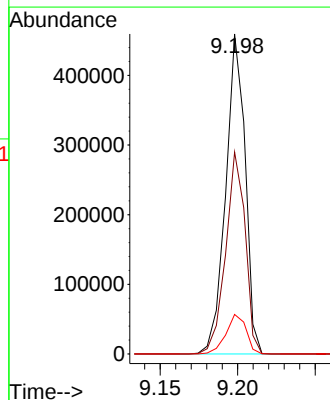
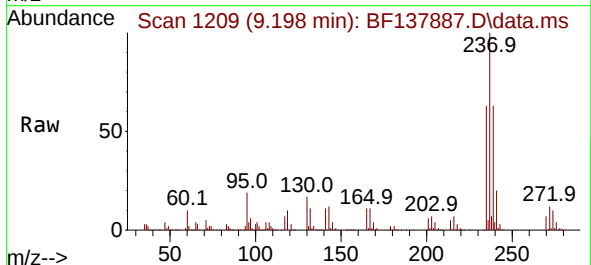
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.3	94.9
179	21.1	16.8	25.2
108	19.6	14.3	21.5

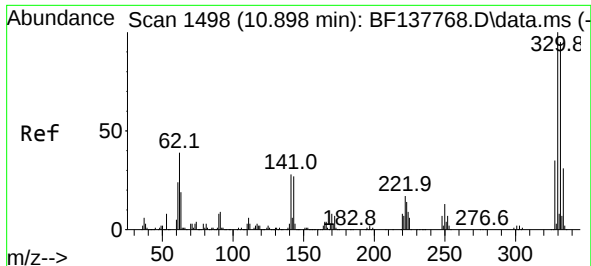


#41
Hexachlorocyclopentadiene
Concen: 115.568 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:237 Resp: 401384

Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.0	83.0
272	12.4	0.0	32.8





#42

2,4,6-Tribromophenol

Concen: 130.836 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

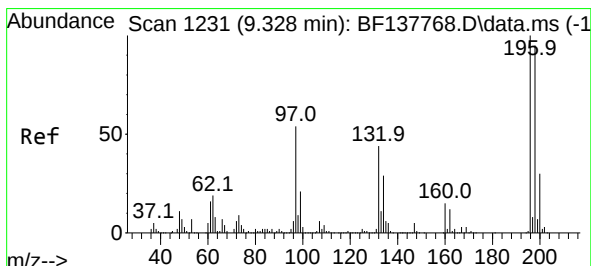
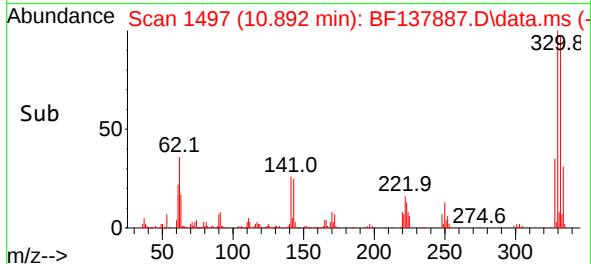
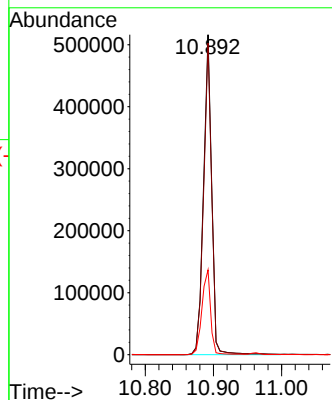
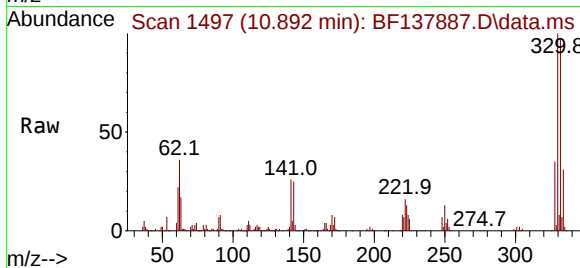
Tgt Ion:330 Resp: 431284

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 28.2 23.8 35.6



#43

2,4,6-Trichlorophenol

Concen: 46.032 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

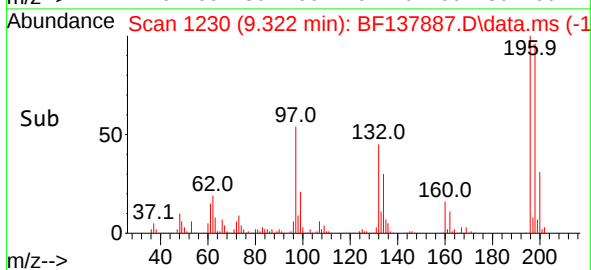
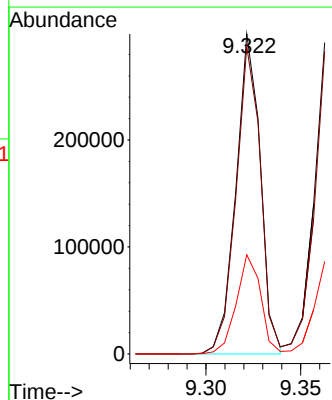
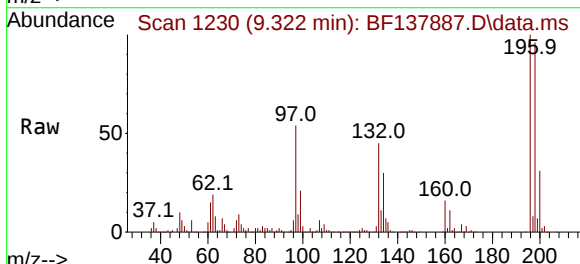
Tgt Ion:196 Resp: 267932

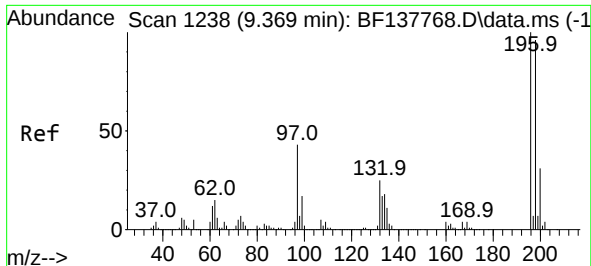
Ion Ratio Lower Upper

196 100

198 96.1 76.2 114.4

200 31.0 24.2 36.2

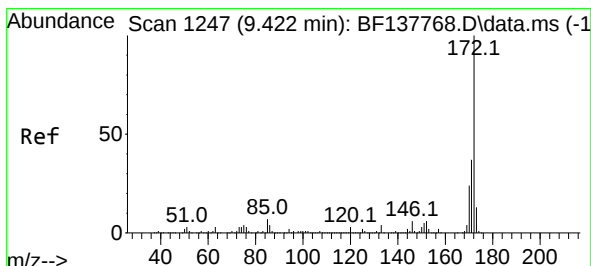
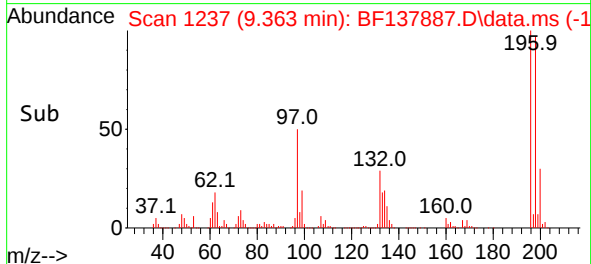
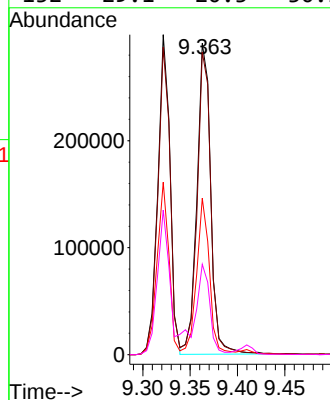
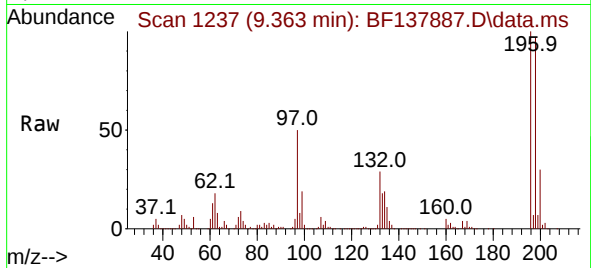




#44
2,4,5-Trichlorophenol
Concen: 46.051 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

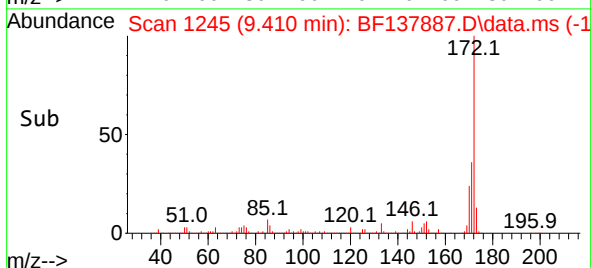
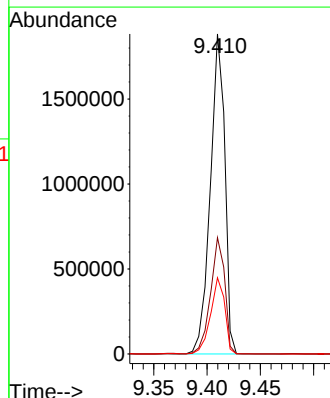
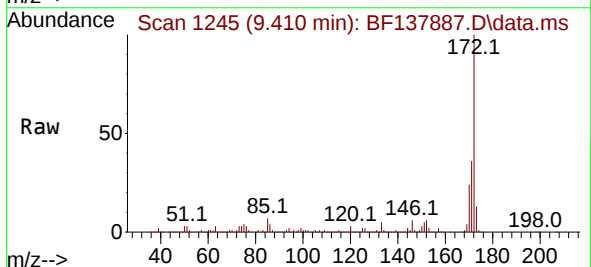
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

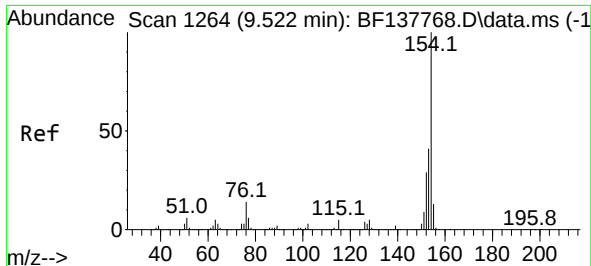
Tgt Ion:196 Resp: 295975
Ion Ratio Lower Upper
196 100
198 97.2 76.6 114.8
97 50.3 34.5 51.7
132 29.1 20.3 30.5



#45
2-Fluorobiphenyl
Concen: 89.464 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:172 Resp: 1780327
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.8 19.4 29.2

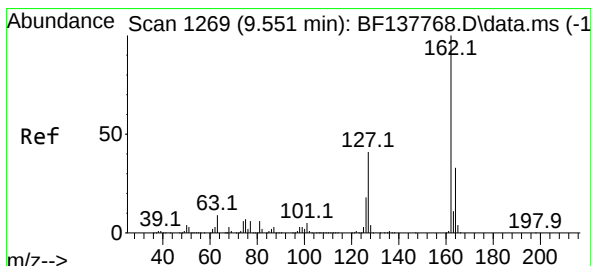
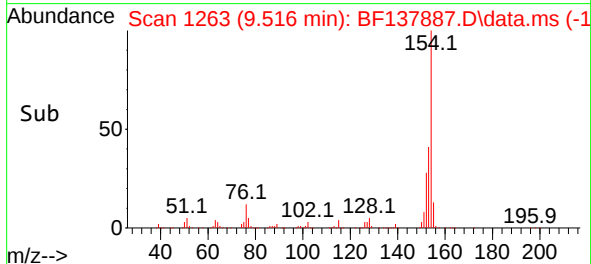
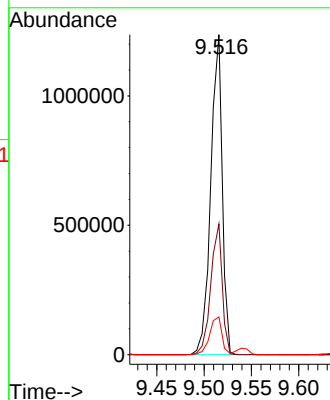
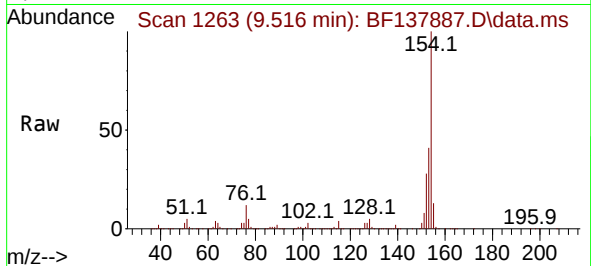




#46
1,1'-Biphenyl
Concen: 46.848 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

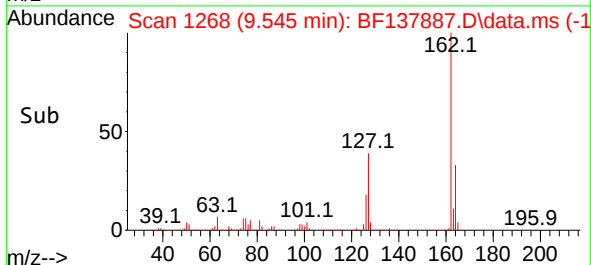
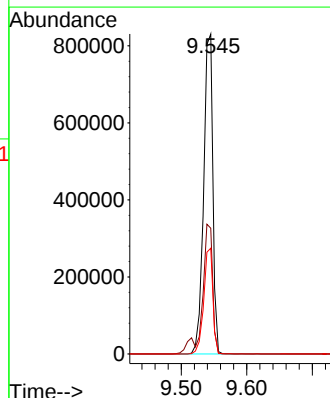
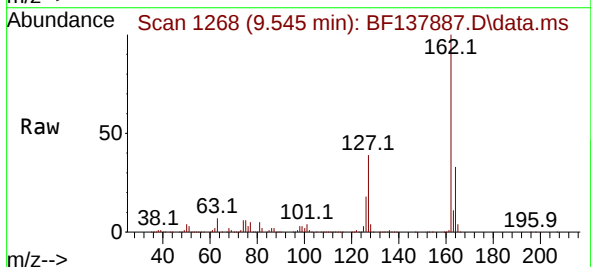
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

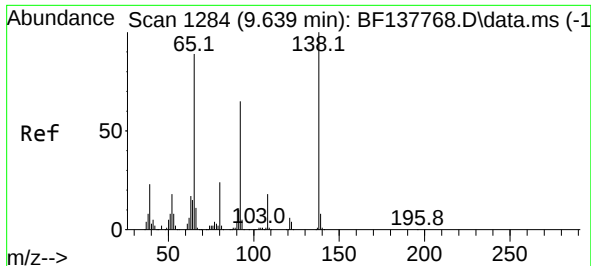
Tgt Ion:154 Resp: 1037997
Ion Ratio Lower Upper
154 100
153 40.9 21.4 61.4
76 11.8 0.0 33.5



#47
2-Chloronaphthalene
Concen: 45.432 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:162 Resp: 812679
Ion Ratio Lower Upper
162 100
127 39.3 32.6 49.0
164 33.1 26.5 39.7





#48

2-Nitroaniline

Concen: 43.201 ng

RT: 9.633 min Scan# 1339

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

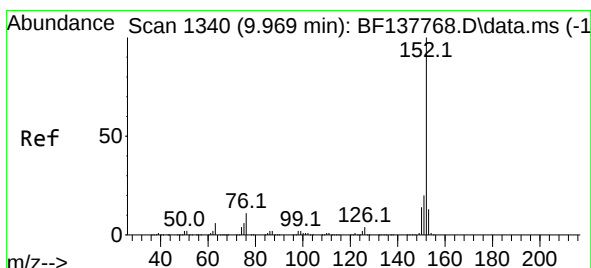
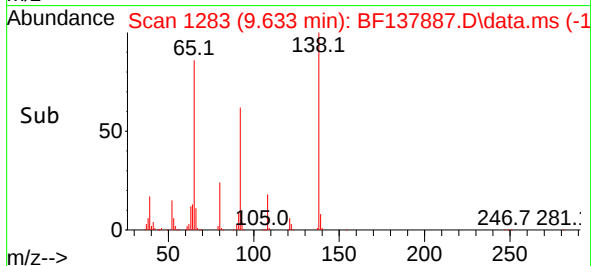
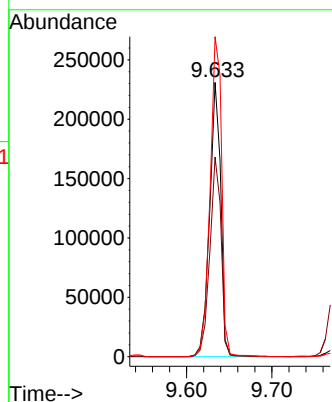
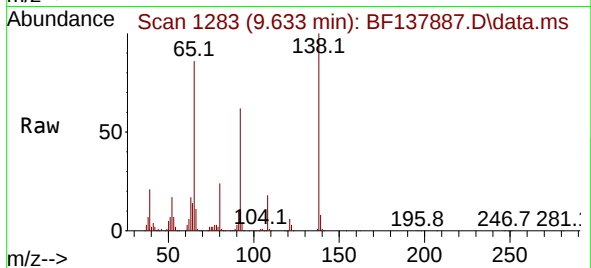
Tgt Ion: 65 Resp: 209583

Ion Ratio Lower Upper

65 100

92 72.7 58.6 88.0

138 116.7 90.3 135.5



#49

Acenaphthylene

Concen: 49.247 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

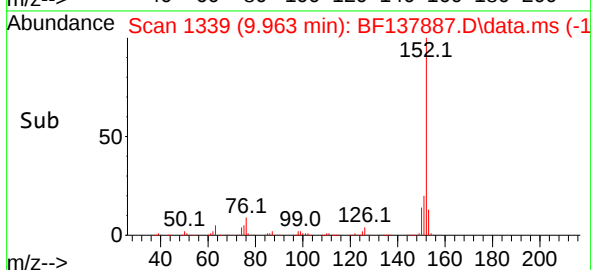
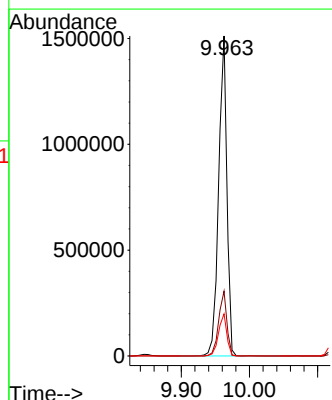
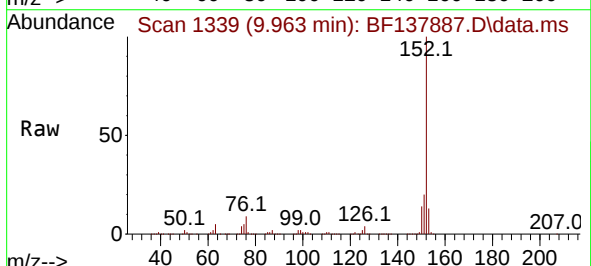
Tgt Ion: 152 Resp: 1274322

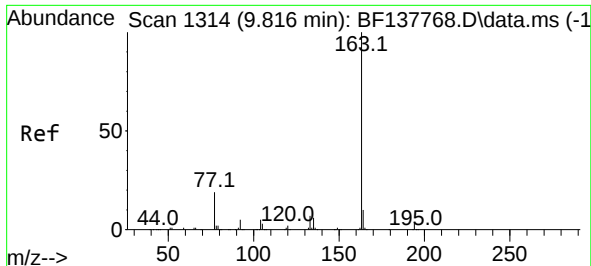
Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.1 10.8 16.2

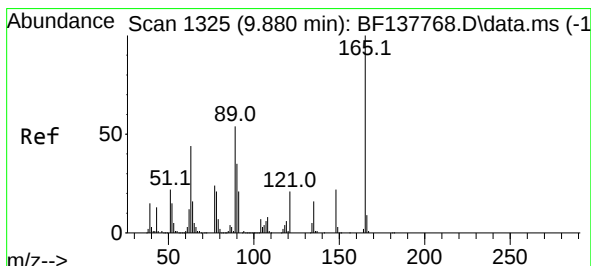
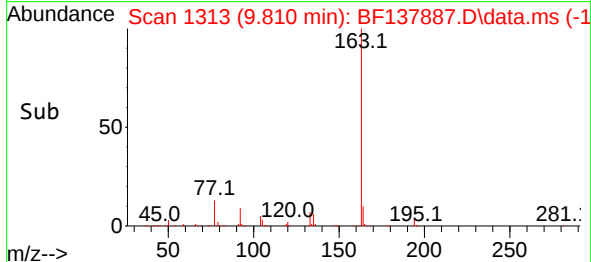
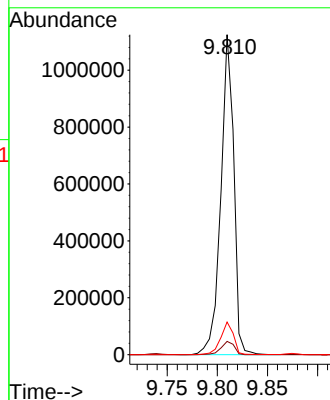
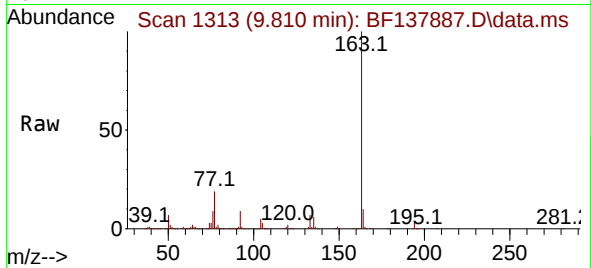




#50
Dimethylphthalate
Concen: 49.496 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

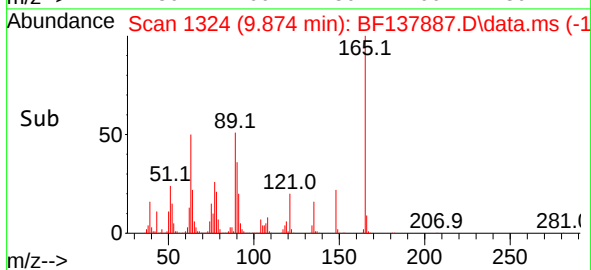
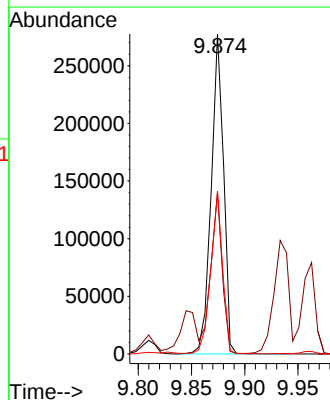
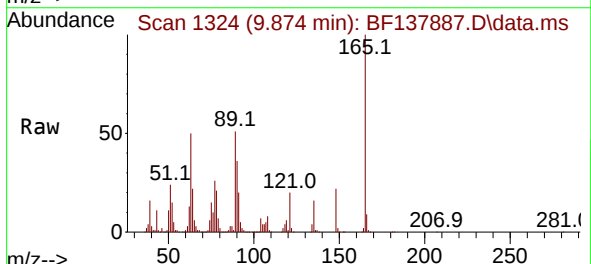
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

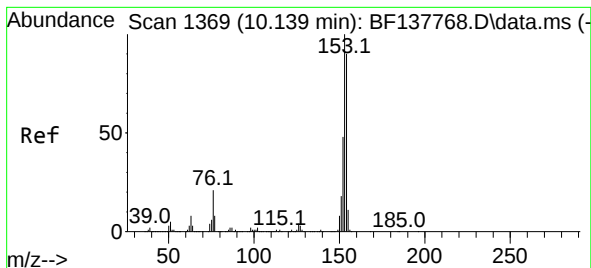
Tgt Ion:163 Resp: 1008778
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.3 12.5



#51
2,6-Dinitrotoluene
Concen: 48.168 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:165 Resp: 224353
Ion Ratio Lower Upper
165 100
63 50.5 41.9 62.9
89 50.8 43.2 64.8





#52

Acenaphthene

Concen: 48.798 ng

RT: 10.133 min Scan# 1368

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

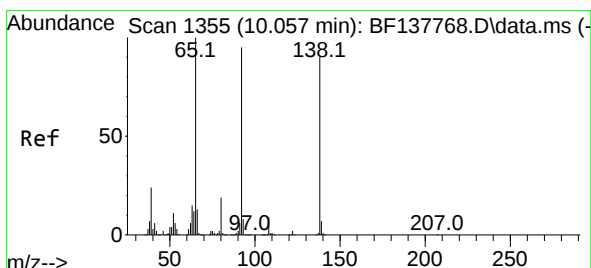
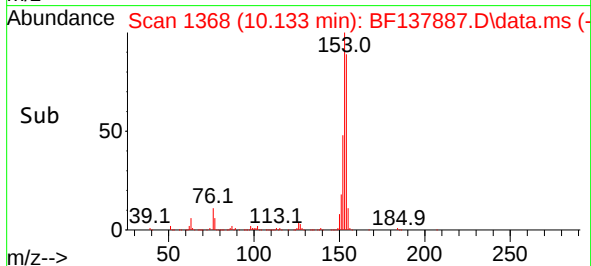
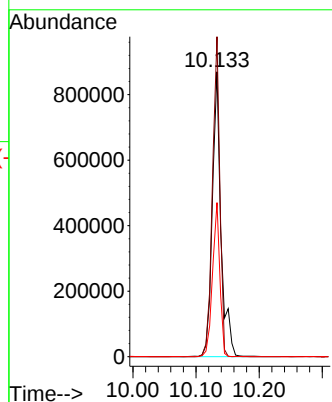
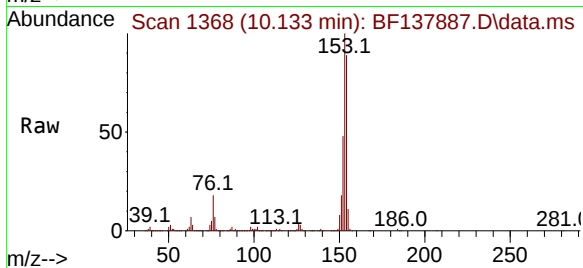
Tgt Ion:154 Resp: 836987

Ion Ratio Lower Upper

154 100

153 112.3 88.7 133.1

152 54.1 42.8 64.2



#53

3-Nitroaniline

Concen: 4.171 ng

RT: 10.039 min Scan# 1352

Delta R.T. -0.018 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

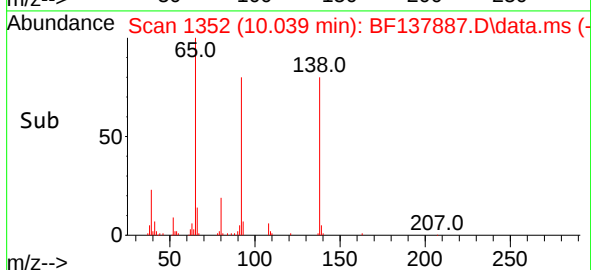
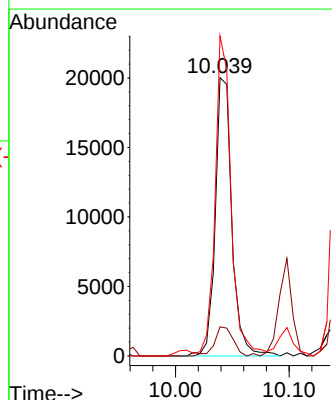
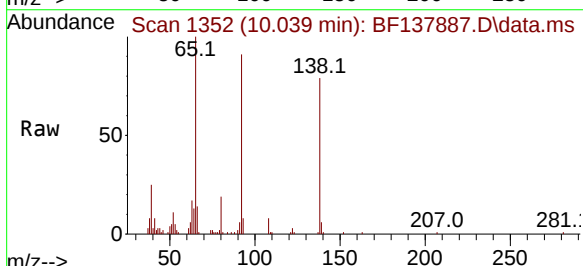
Tgt Ion:138 Resp: 20342

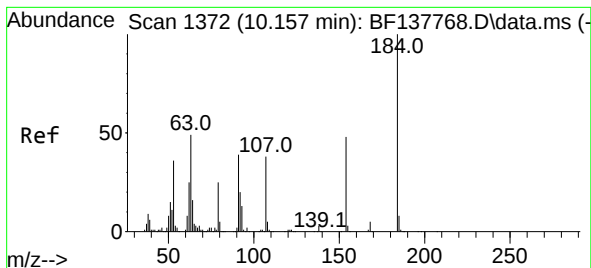
Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.6

92 115.0 84.6 126.8

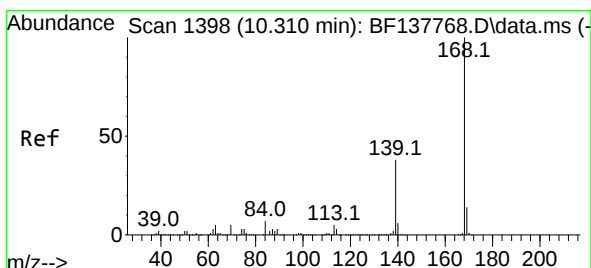
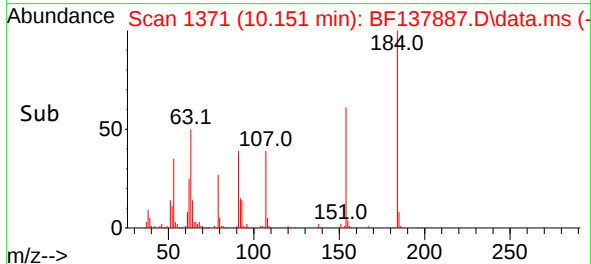
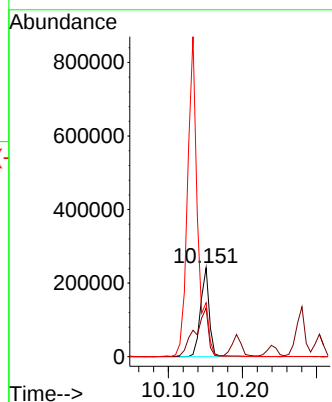
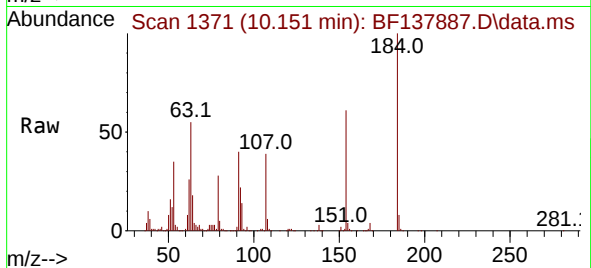




#54
2,4-Dinitrophenol
Concen: 86.439 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

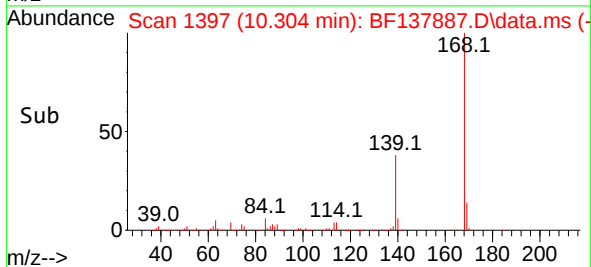
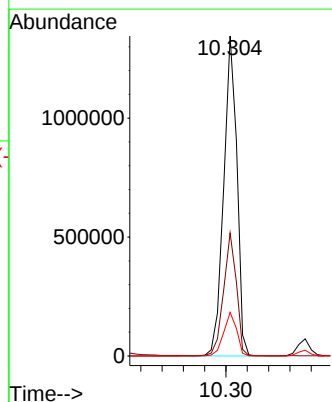
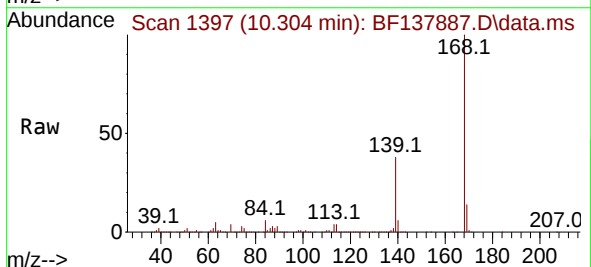
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

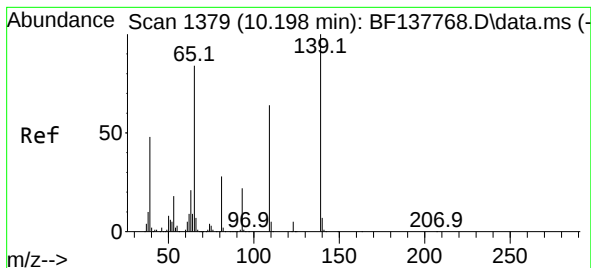
Tgt Ion:184 Resp: 197825
Ion Ratio Lower Upper
184 100
63 54.7 40.3 60.5
154 60.6 45.2 67.8



#55
Dibenzofuran
Concen: 46.269 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:168 Resp: 1154869
Ion Ratio Lower Upper
168 100
139 38.5 30.2 45.4
169 13.6 11.4 17.0

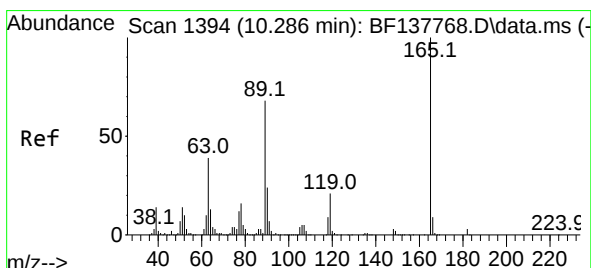
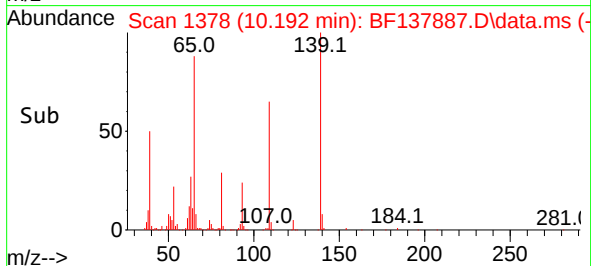
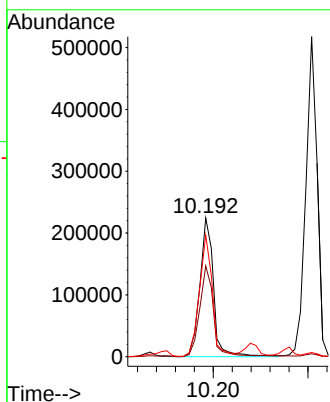
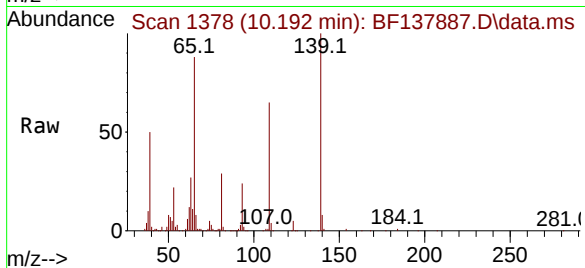




#56
4-Nitrophenol
Concen: 55.514 ng
RT: 10.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

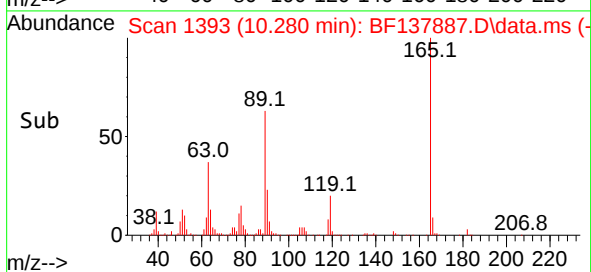
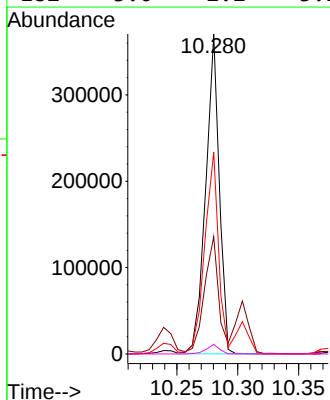
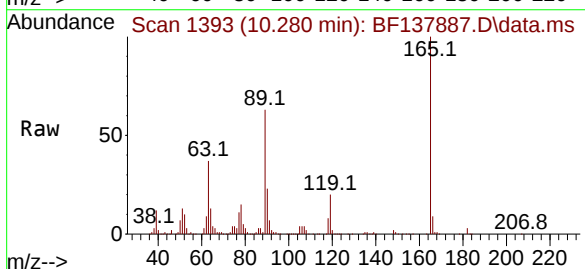
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

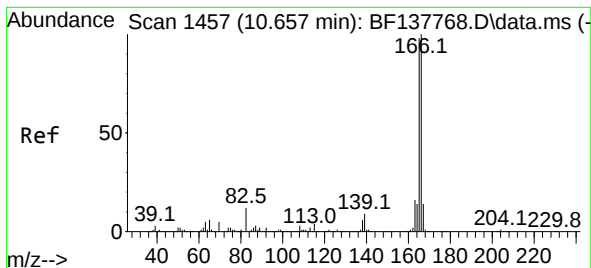
Tgt Ion:139 Resp: 224419
Ion Ratio Lower Upper
139 100
109 65.4 44.0 84.0
65 87.7 64.3 104.3



#57
2,4-Dinitrotoluene
Concen: 47.056 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:165 Resp: 286337
Ion Ratio Lower Upper
165 100
63 36.7 31.3 46.9
89 63.1 54.2 81.4
182 3.0 2.2 3.2





#58

Fluorene

Concen: 45.514 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

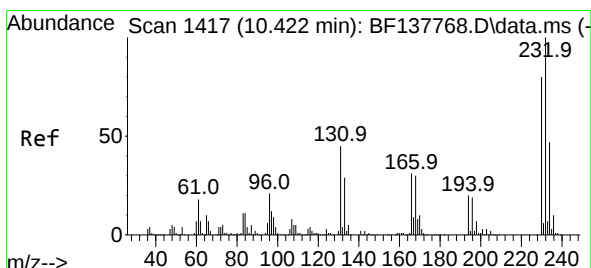
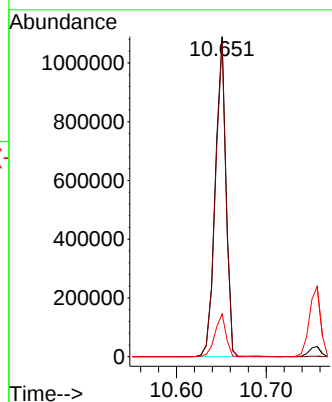
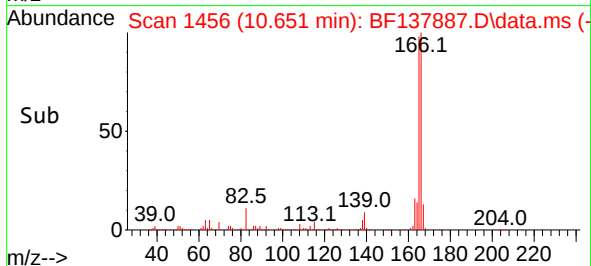
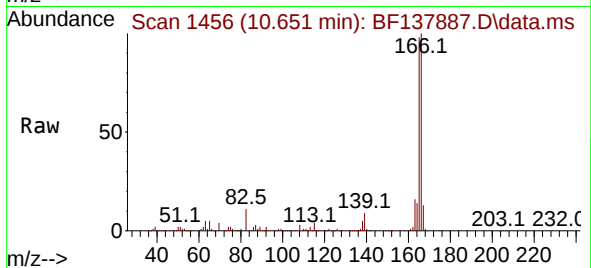
Tgt Ion:166 Resp: 904118

Ion Ratio Lower Upper

166 100

165 98.2 78.2 117.2

167 13.4 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 46.302 ng

RT: 10.416 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Tgt Ion:232 Resp: 241599

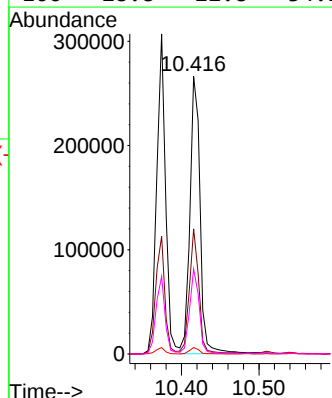
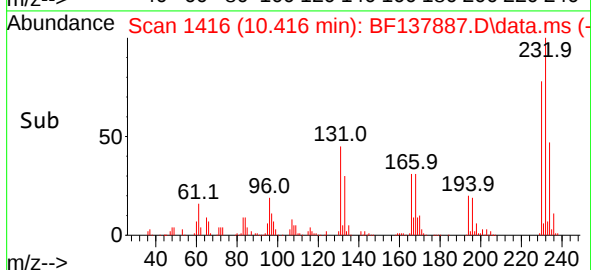
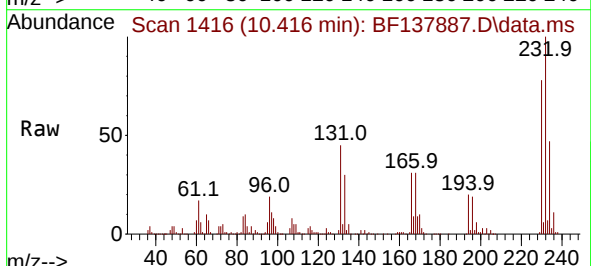
Ion Ratio Lower Upper

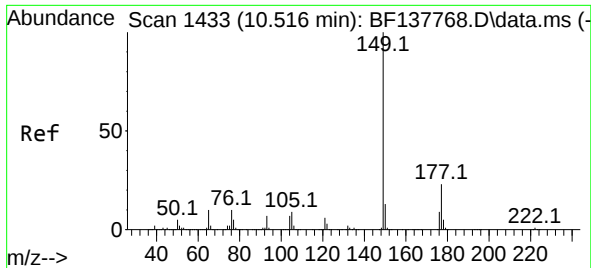
232 100

131 42.0 33.4 50.0

130 2.2 1.7 2.5

166 28.8 22.8 34.2

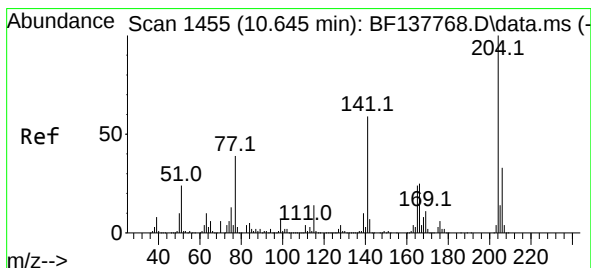
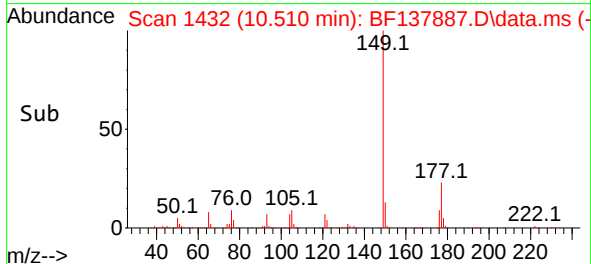
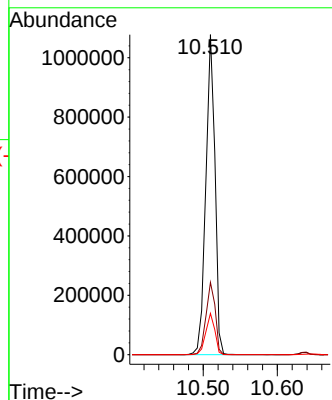
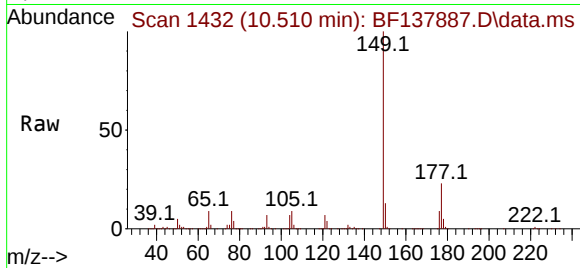




#60
Diethylphthalate
Concen: 47.945 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

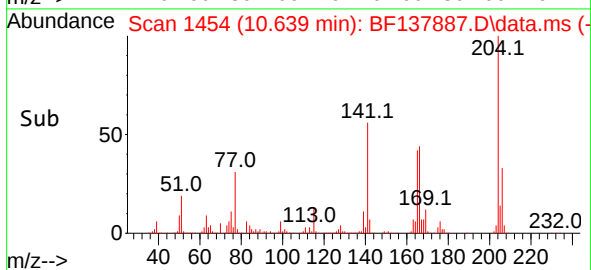
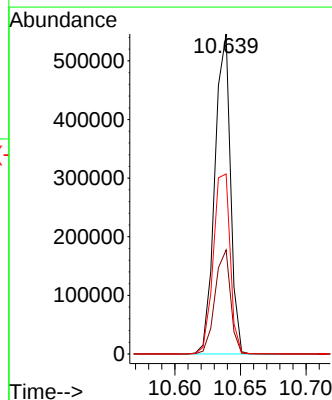
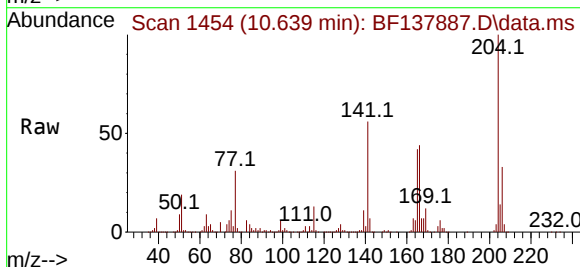
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

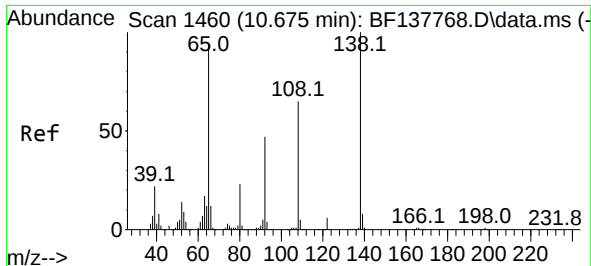
Tgt Ion:149 Resp: 928064
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.9 10.5 15.7



#61
4-Chlorophenyl-phenylether
Concen: 46.204 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:204 Resp: 452242
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 56.3 47.0 70.6

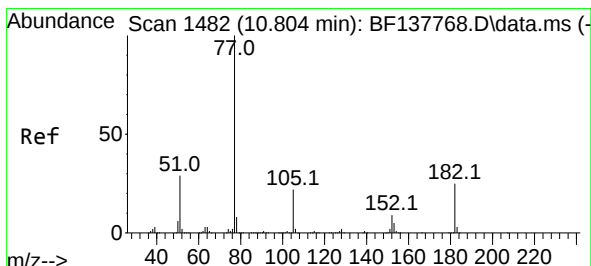
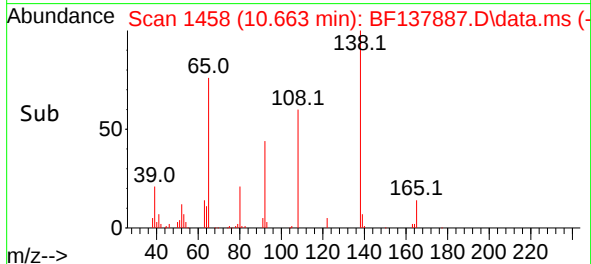
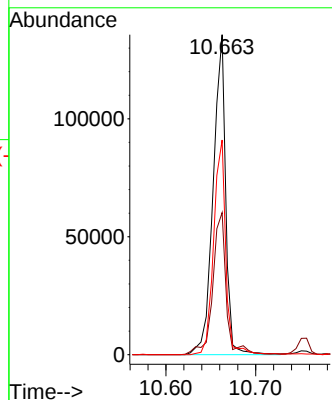
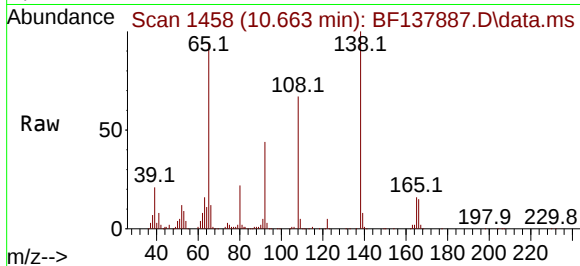




#62
4-Nitroaniline
Concen: 26.664 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

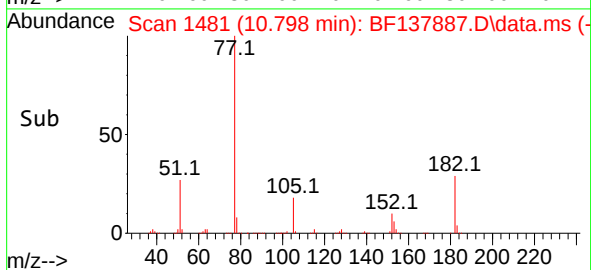
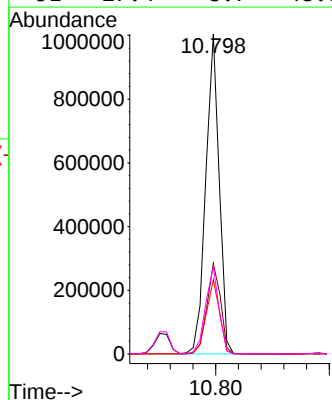
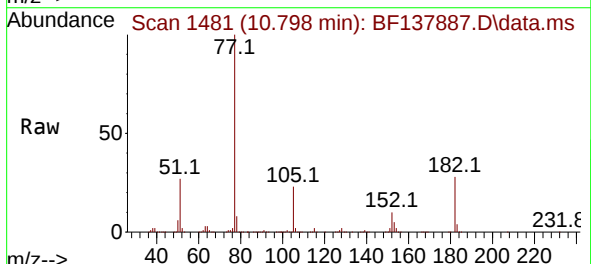
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

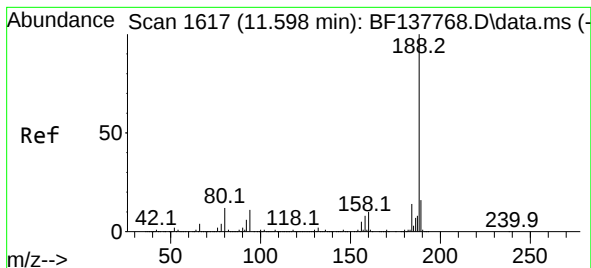
Tgt Ion:138 Resp: 131918
Ion Ratio Lower Upper
138 100
92 44.4 26.8 66.8
108 67.1 44.7 84.7



#63
Azobenzene
Concen: 43.791 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion: 77 Resp: 819258
Ion Ratio Lower Upper
77 100
182 28.4 5.1 45.1
105 23.2 2.2 42.2
51 27.4 8.7 48.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

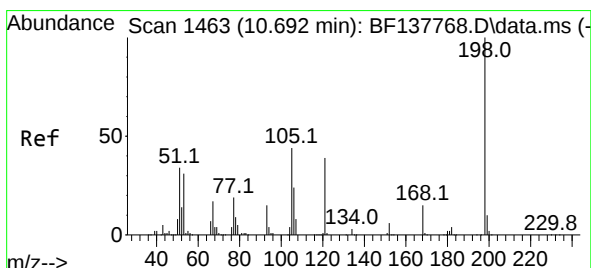
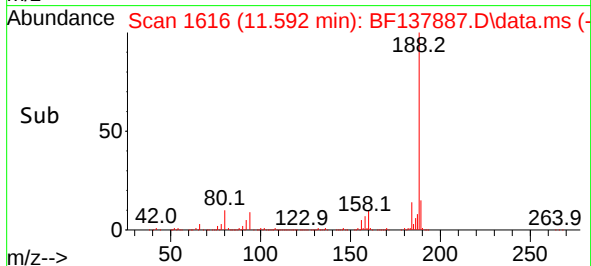
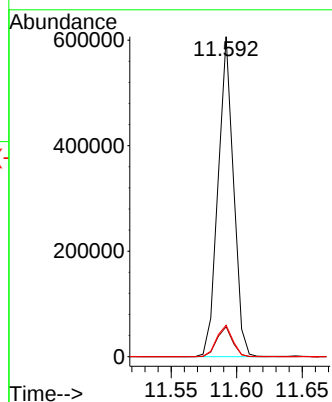
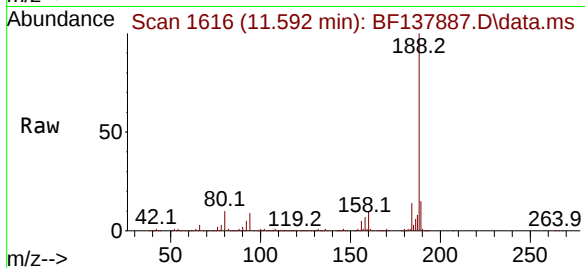
Tgt Ion:188 Resp: 496394

Ion Ratio Lower Upper

188 100

94 9.4 8.8 13.2

80 9.9 9.6 14.4



#65

4,6-Dinitro-2-methylphenol

Concen: 51.186 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

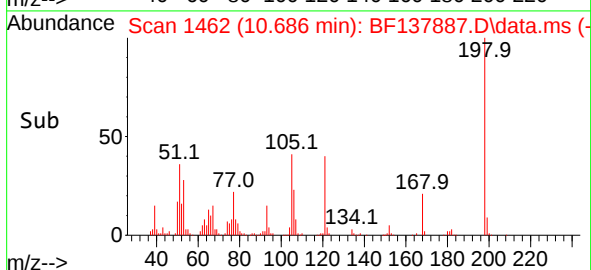
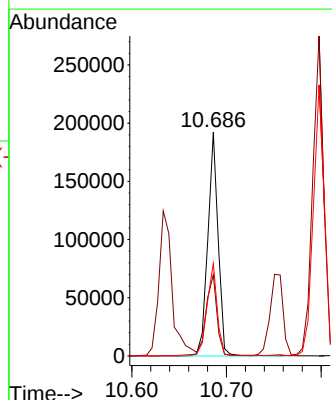
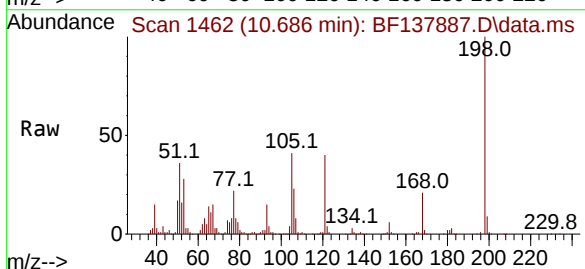
Tgt Ion:198 Resp: 145835

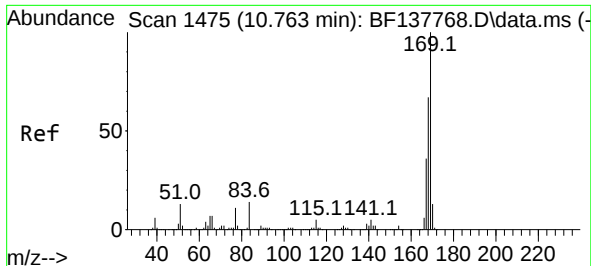
Ion Ratio Lower Upper

198 100

51 36.2 25.1 65.1

105 41.3 24.1 64.1

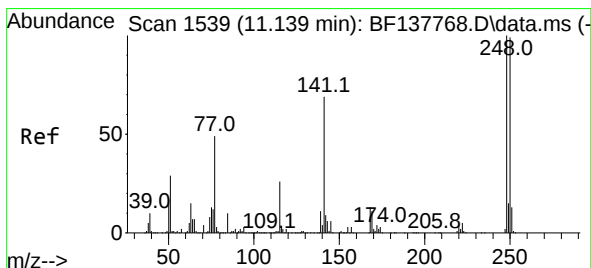
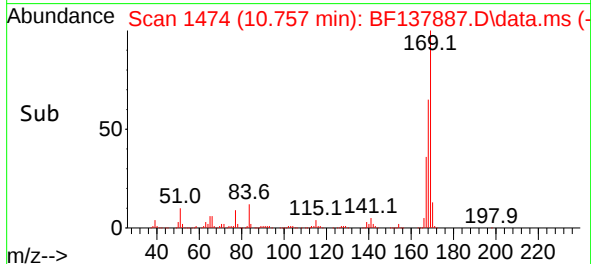
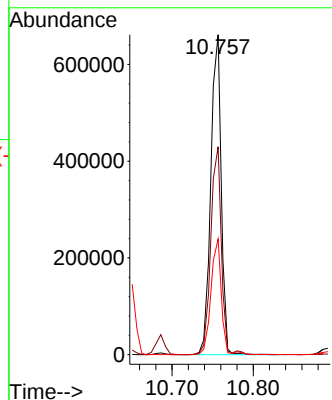
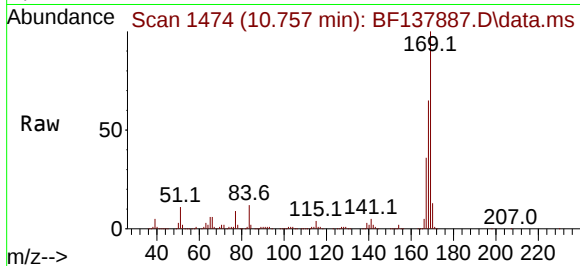




#66
n-Nitrosodiphenylamine
Concen: 39.525 ng
RT: 10.757 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

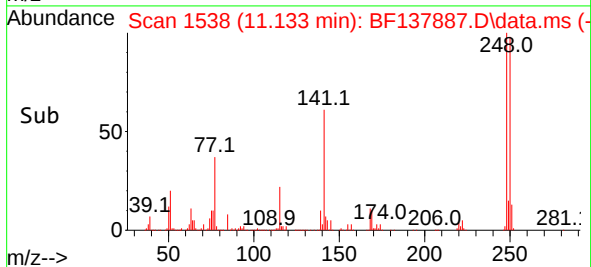
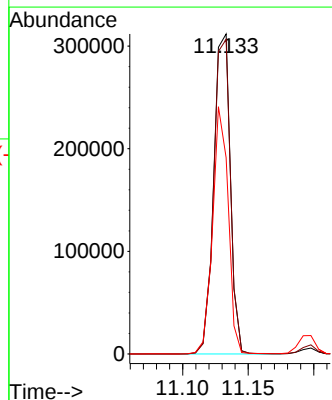
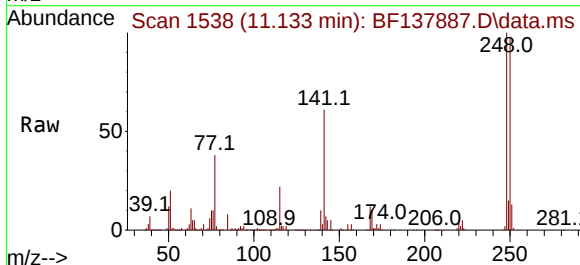
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

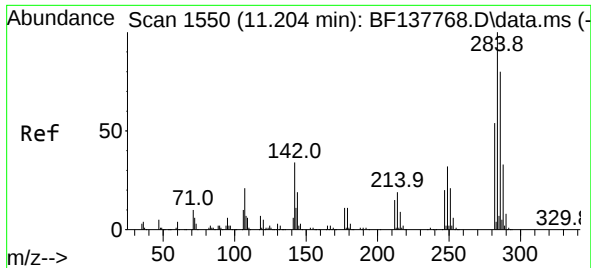
Tgt Ion:169 Resp: 587305
Ion Ratio Lower Upper
169 100
168 65.0 53.3 79.9
167 36.2 29.2 43.8



#67
4-Bromophenyl-phenylether
Concen: 51.932 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:248 Resp: 275891
Ion Ratio Lower Upper
248 100
250 98.3 79.1 118.7
141 61.4 55.4 83.2

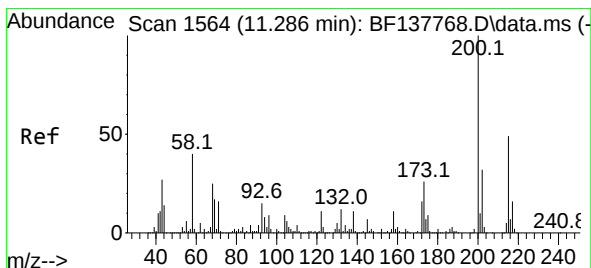
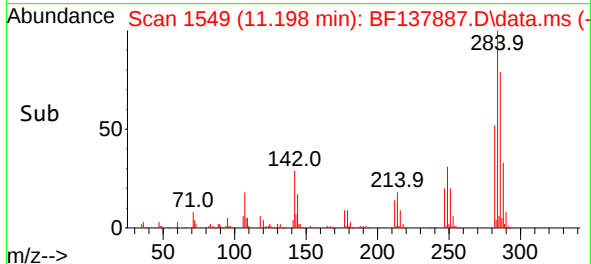
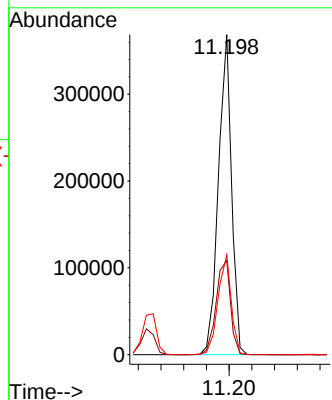
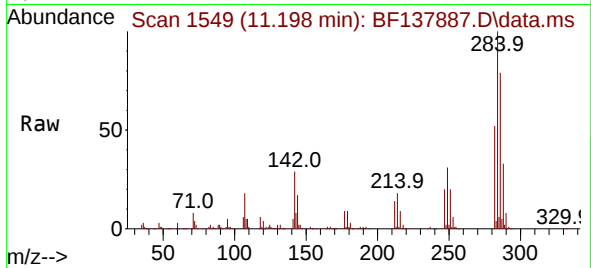




#68
Hexachlorobenzene
Concen: 51.064 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

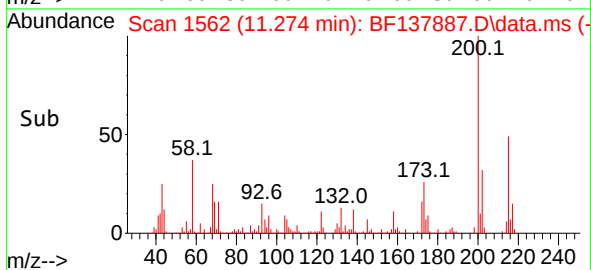
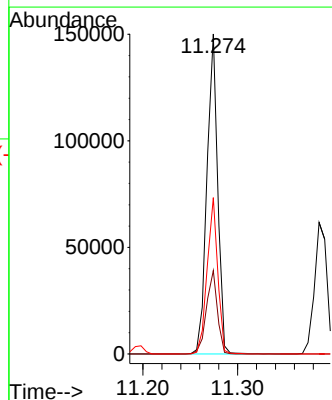
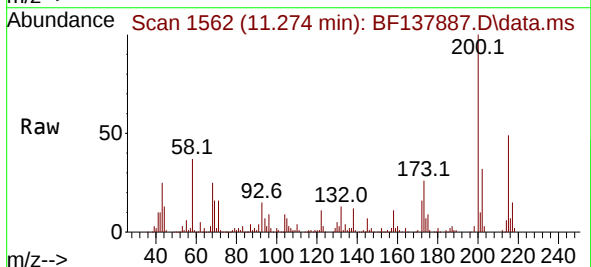
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

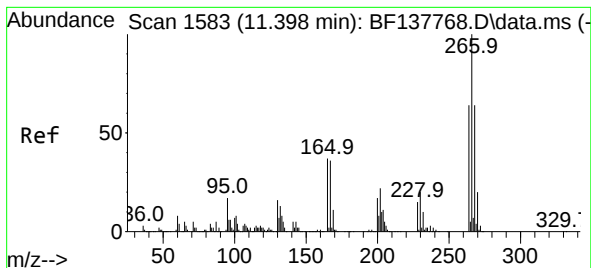
Tgt Ion:284 Resp: 296453
Ion Ratio Lower Upper
284 100
142 29.4 27.3 40.9
249 31.2 25.6 38.4



#69
Atrazine
Concen: 26.091 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:200 Resp: 118210
Ion Ratio Lower Upper
200 100
173 26.1 5.9 45.9
215 48.9 28.8 68.8





#70

Pentachlorophenol

Concen: 81.544 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

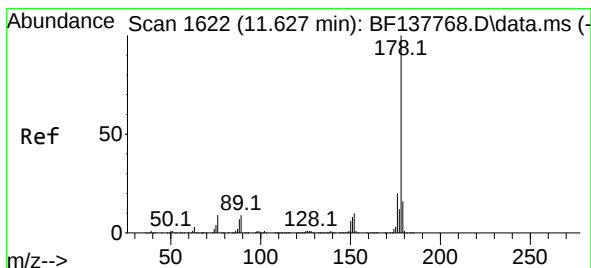
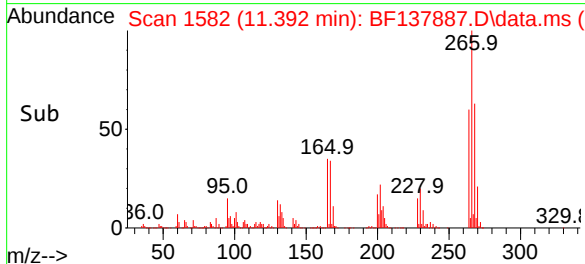
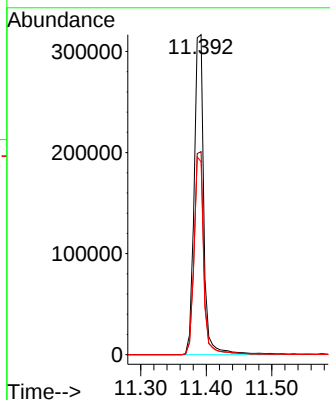
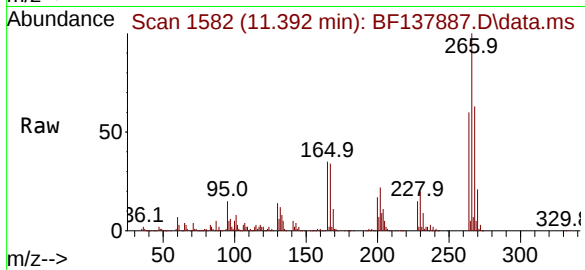
Tgt Ion:266 Resp: 325014

Ion Ratio Lower Upper

266 100

268 63.5 51.3 76.9

264 60.3 51.0 76.4



#71

Phenanthrene

Concen: 48.801 ng

RT: 11.621 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

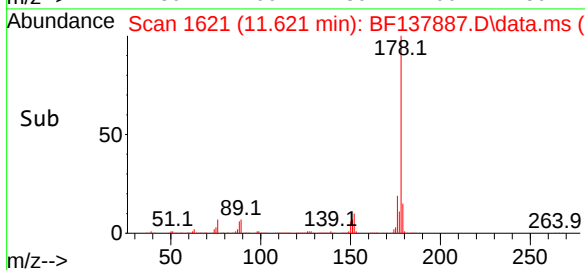
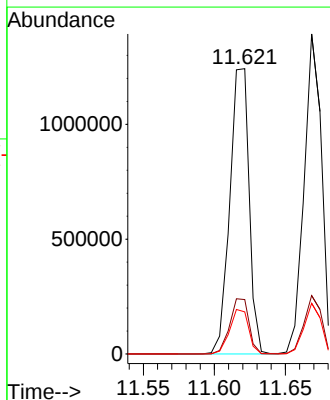
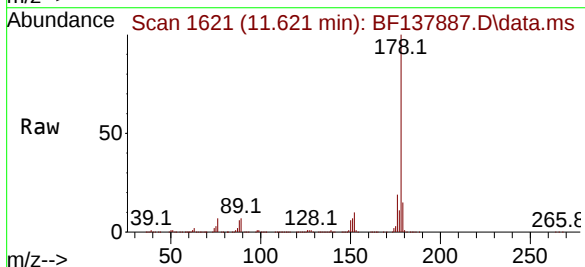
Tgt Ion:178 Resp: 1180747

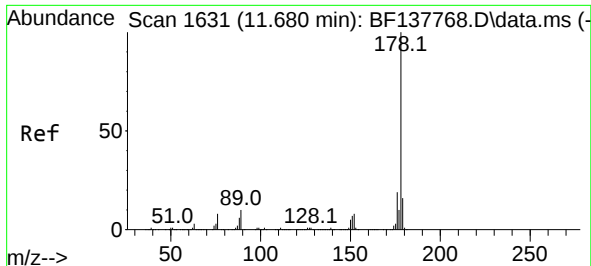
Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

179 14.8 12.5 18.7

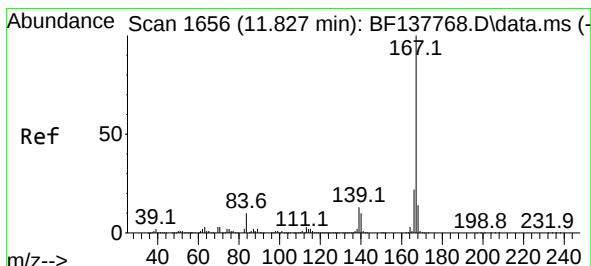
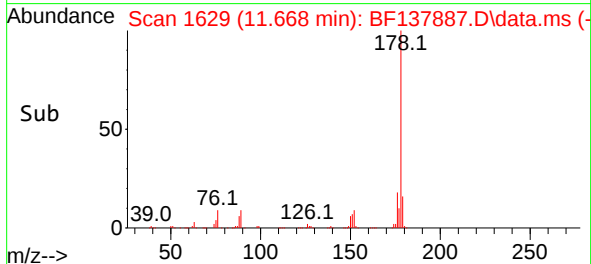
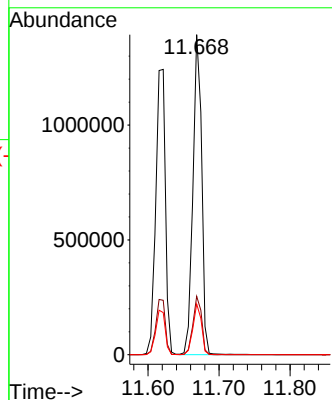
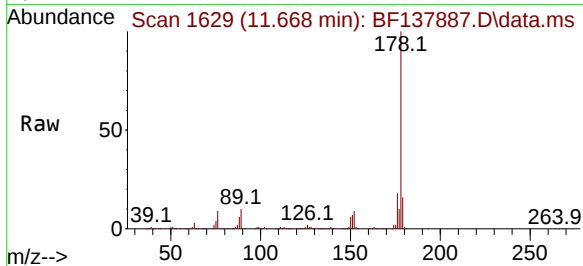




#72
 Anthracene
 Concen: 49.601 ng
 RT: 11.668 min Scan# 1629
 Delta R.T. -0.012 min
 Lab File: BF137887.D
 Acq: 10 May 2024 18:22

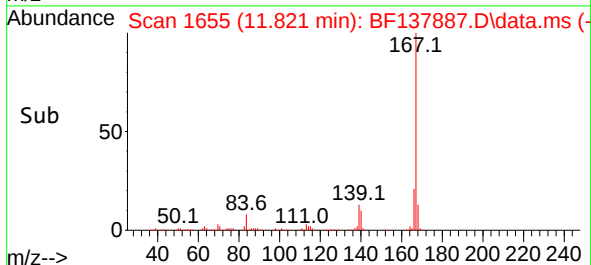
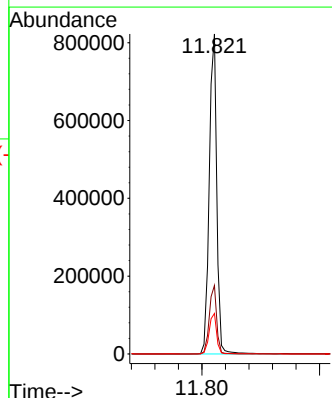
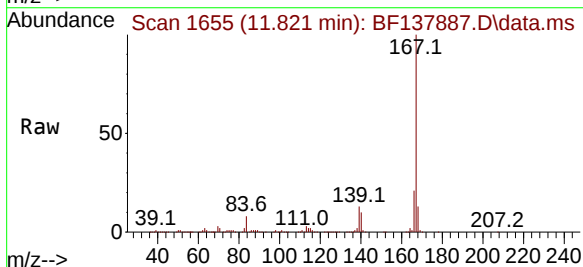
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP-DMS

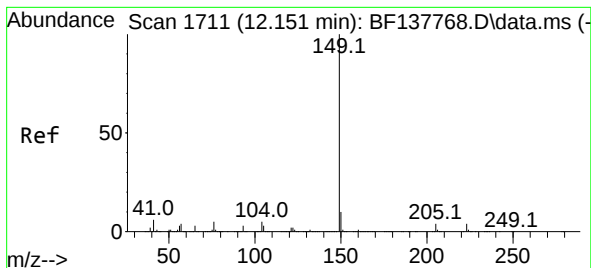
Tgt Ion:178 Resp: 1194085
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.2 22.8
 179 15.8 12.6 18.8



#73
 Carbazole
 Concen: 31.384 ng
 RT: 11.821 min Scan# 1655
 Delta R.T. -0.006 min
 Lab File: BF137887.D
 Acq: 10 May 2024 18:22

Tgt Ion:167 Resp: 728149
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 12.7 10.5 15.7





#74

Di-n-butylphthalate

Concen: 50.942 ng

RT: 12.139 min Scan# 1709

Delta R.T. -0.012 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

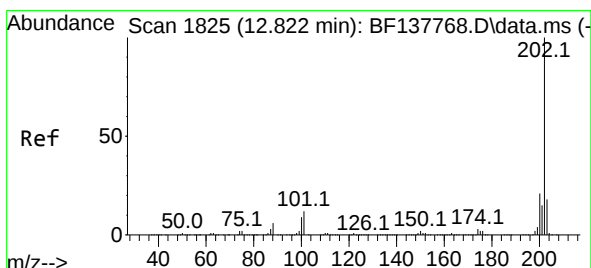
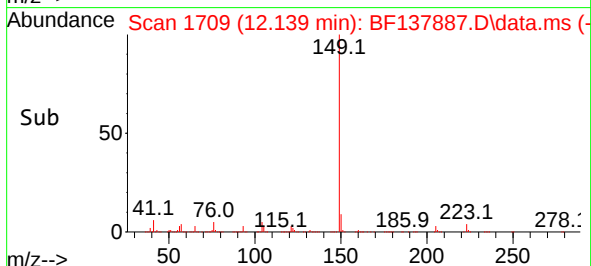
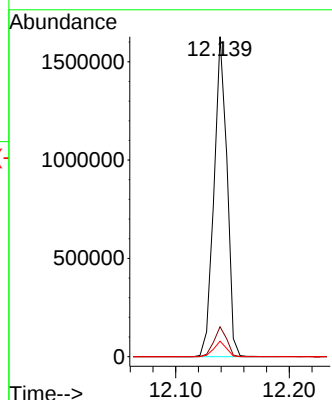
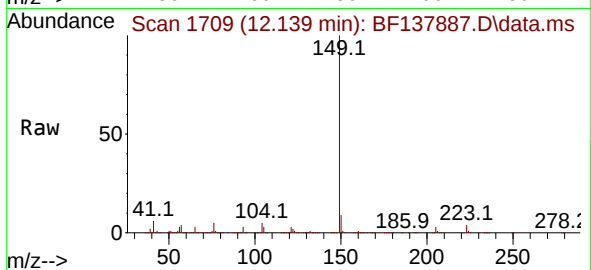
Tgt Ion:149 Resp: 1289277

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

104 4.8 3.8 5.8



#75

Fluoranthene

Concen: 37.599 ng

RT: 12.810 min Scan# 1823

Delta R.T. -0.012 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

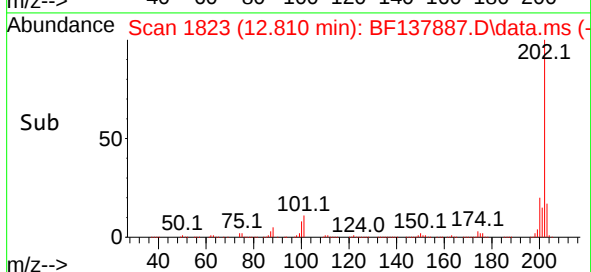
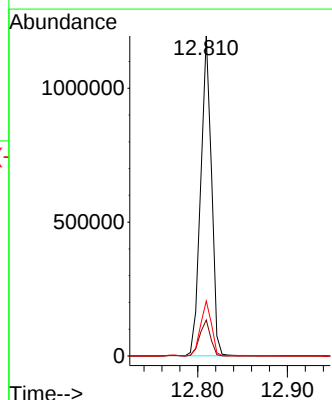
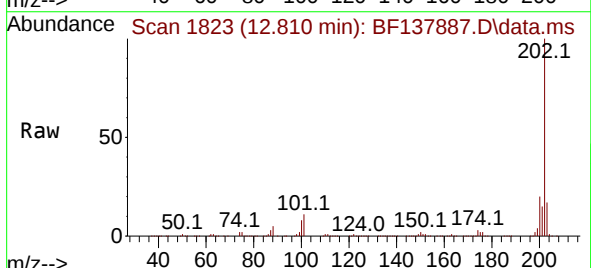
Tgt Ion:202 Resp: 994405

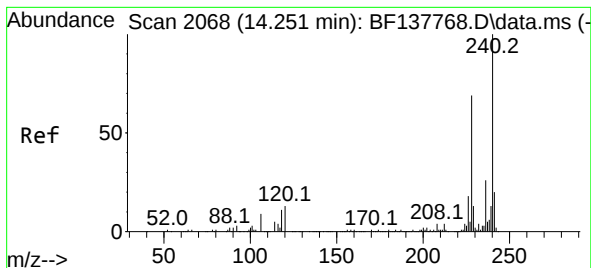
Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.8

203 17.2 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

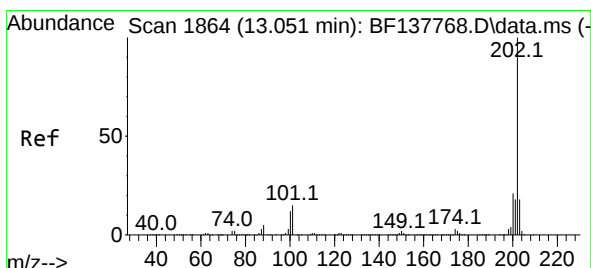
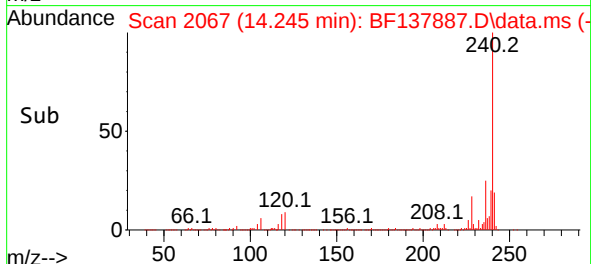
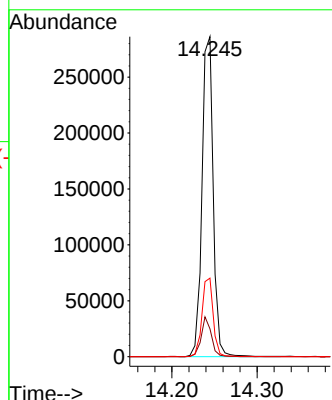
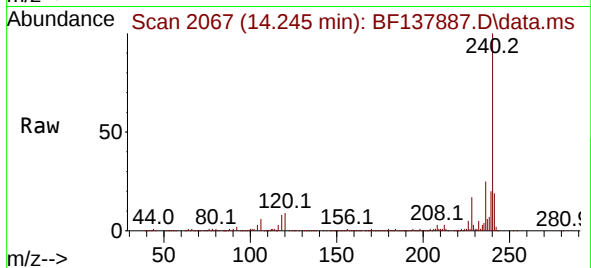
Tgt Ion:240 Resp: 261427

Ion Ratio Lower Upper

240 100

120 8.7 10.4 15.6#

236 24.6 20.4 30.6



#78

Pyrene

Concen: 46.868 ng

RT: 13.045 min Scan# 1863

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

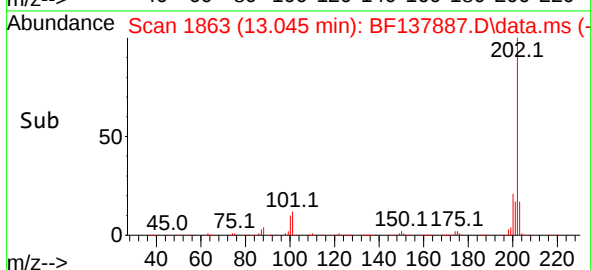
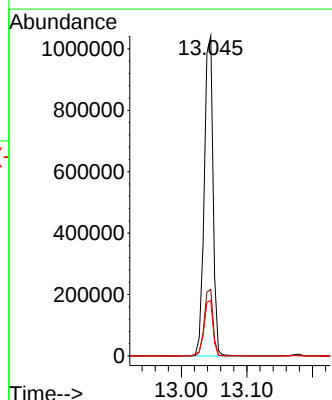
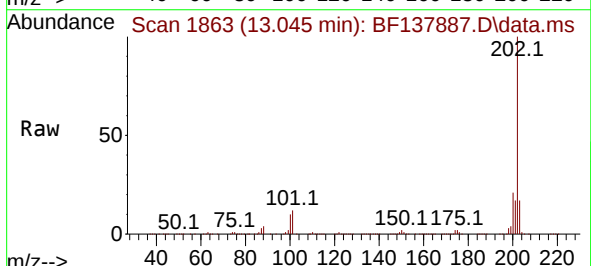
Tgt Ion:202 Resp: 971472

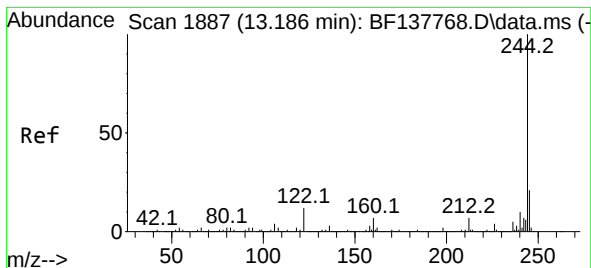
Ion Ratio Lower Upper

202 100

200 20.8 17.2 25.8

203 17.3 14.4 21.6





#79

Terphenyl-d14

Concen: 93.790 ng

RT: 13.180 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

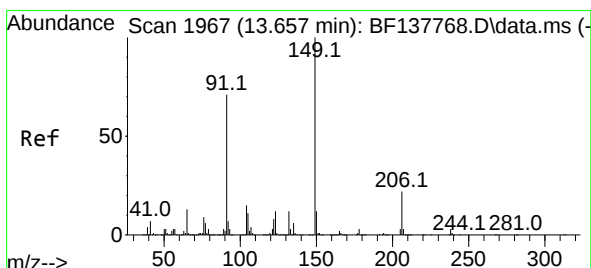
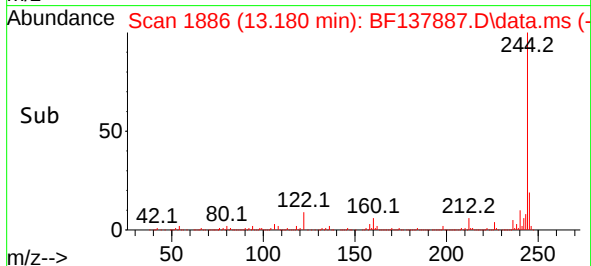
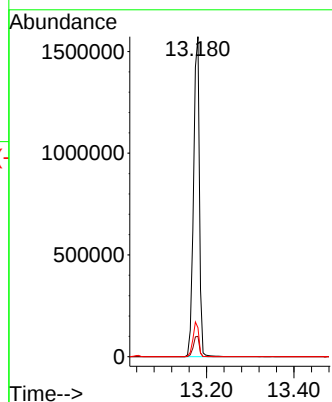
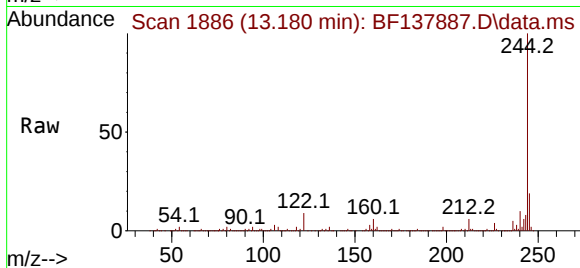
Tgt Ion:244 Resp: 1463080

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

122 9.1 9.4 14.2#



#80

Butylbenzylphthalate

Concen: 54.503 ng

RT: 13.645 min Scan# 1965

Delta R.T. -0.012 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

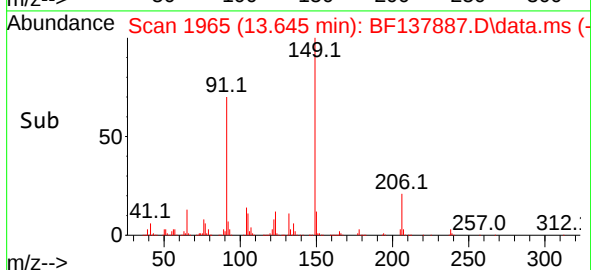
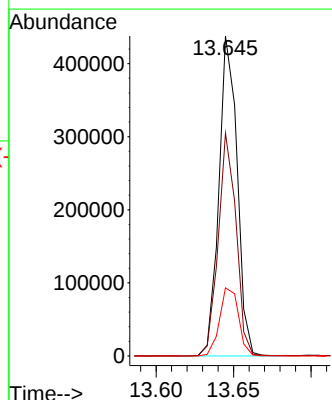
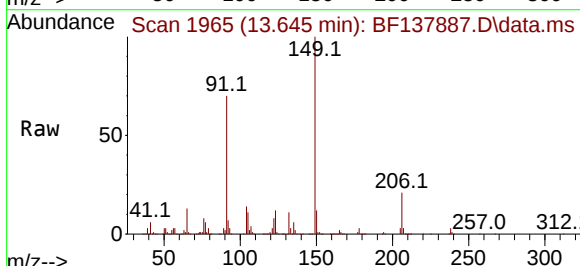
Tgt Ion:149 Resp: 358449

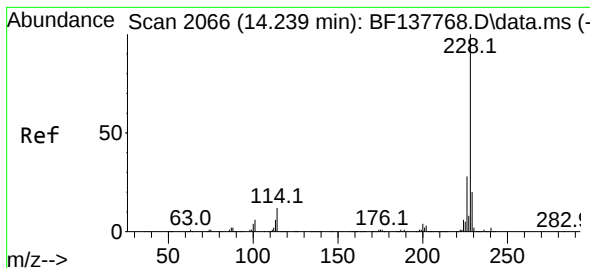
Ion Ratio Lower Upper

149 100

91 69.6 56.8 85.2

206 21.3 17.8 26.8





#81

Benzo(a)anthracene

Concen: 50.161 ng

RT: 14.233 min Scan# 2066

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

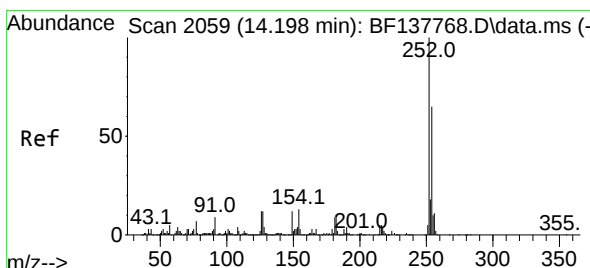
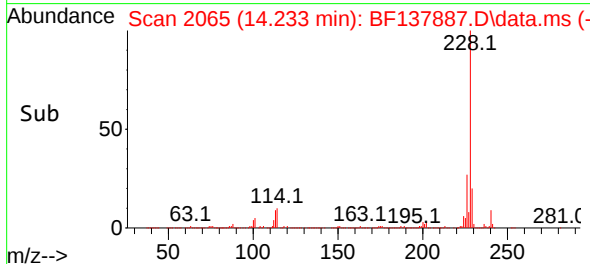
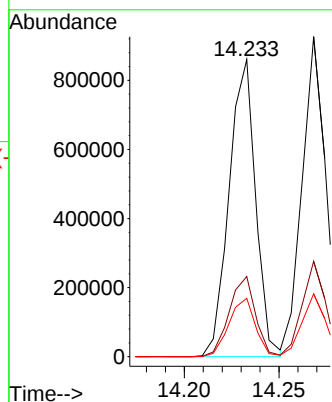
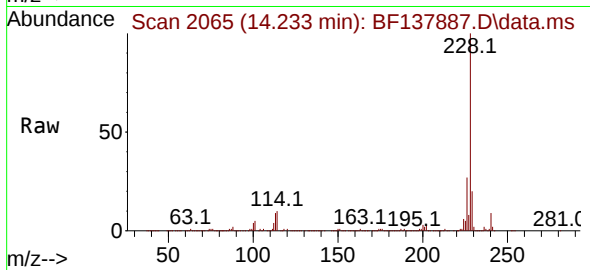
Tgt Ion:228 Resp: 838719

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

229 19.7 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 2.493 ng

RT: 14.192 min Scan# 2058

Delta R.T. -0.006 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

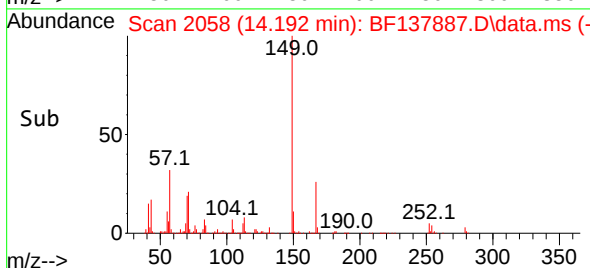
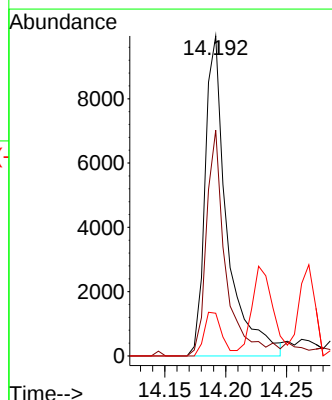
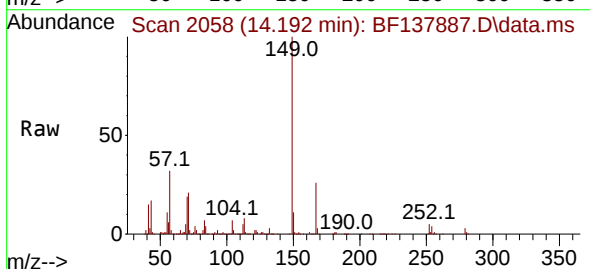
Tgt Ion:252 Resp: 12478

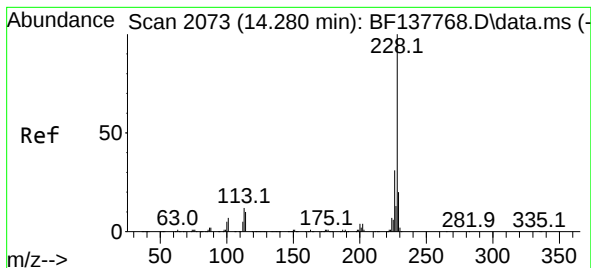
Ion Ratio Lower Upper

252 100

254 70.6 51.7 77.5

126 13.4 9.7 14.5





#83

Chrysene

Concen: 51.270 ng

RT: 14.268 min Scan# 2073

Delta R.T. -0.012 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

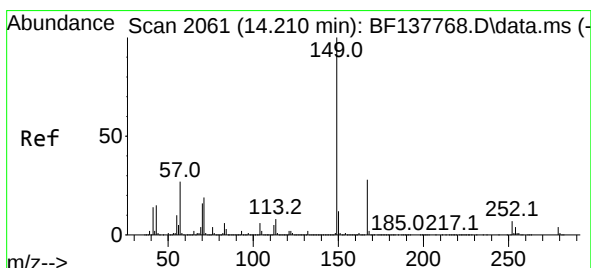
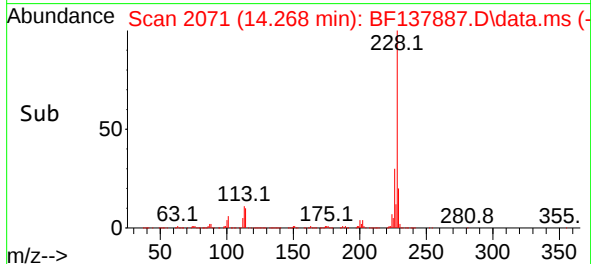
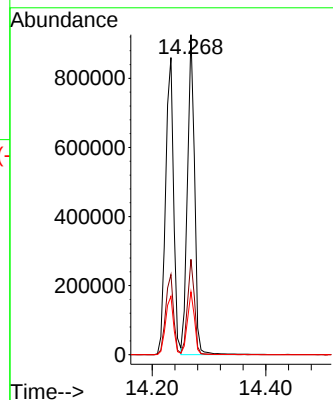
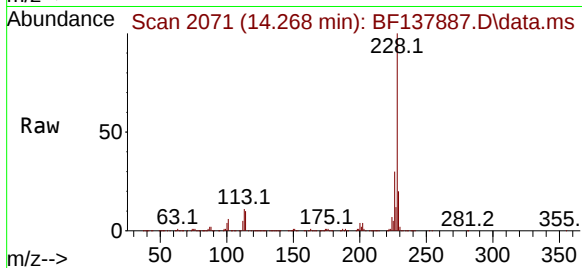
Tgt Ion:228 Resp: 802679

Ion Ratio Lower Upper

228 100

226 29.8 24.8 37.2

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.449 ng

RT: 14.198 min Scan# 2059

Delta R.T. -0.012 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

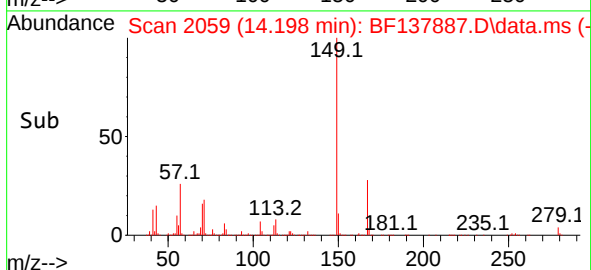
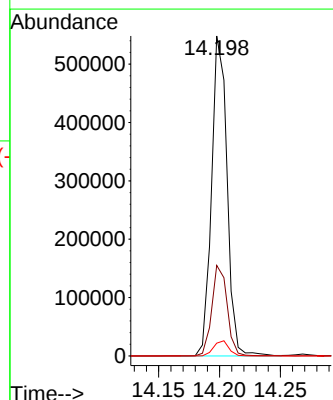
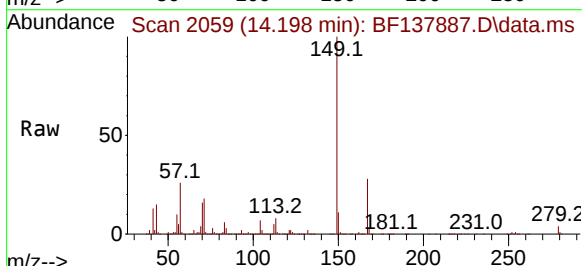
Tgt Ion:149 Resp: 484449

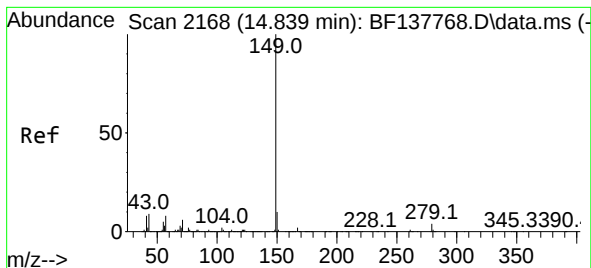
Ion Ratio Lower Upper

149 100

167 28.3 22.4 33.6

279 4.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 71.647 ng

RT: 14.827 min Scan# 2166

Delta R.T. -0.012 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

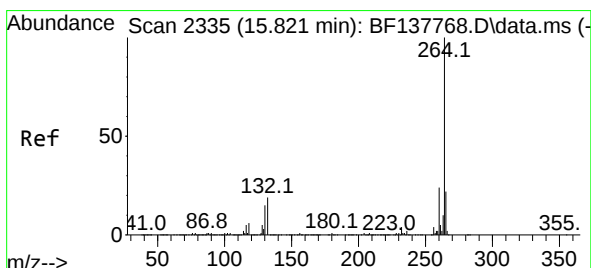
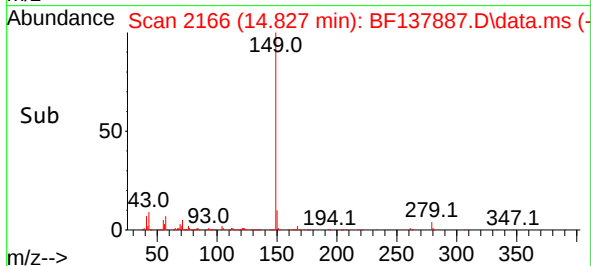
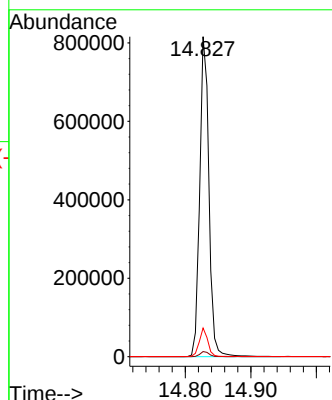
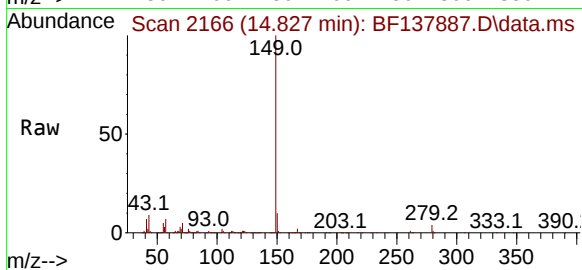
Tgt Ion:149 Resp: 799199

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.809 min Scan# 2333

Delta R.T. -0.012 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

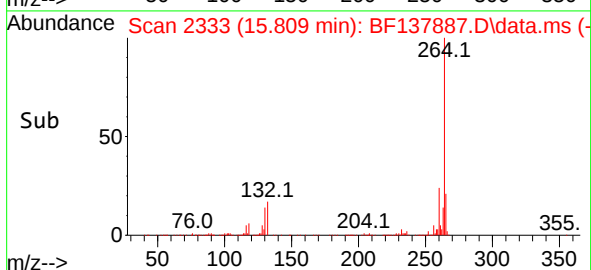
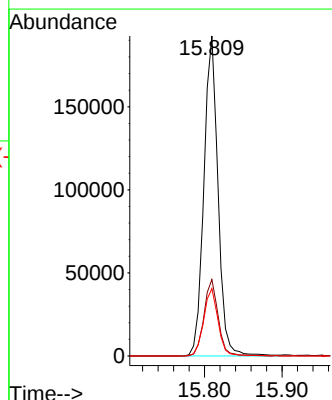
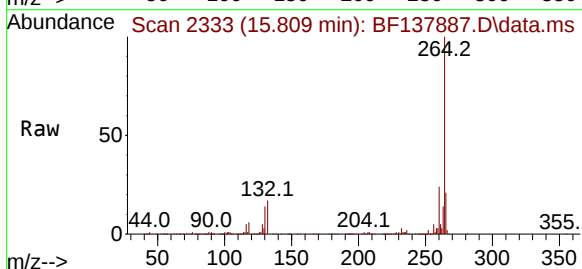
Tgt Ion:264 Resp: 243996

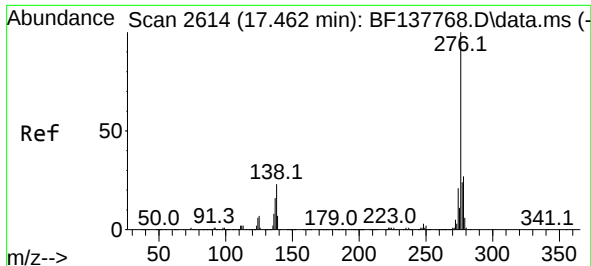
Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.1 17.4 26.0

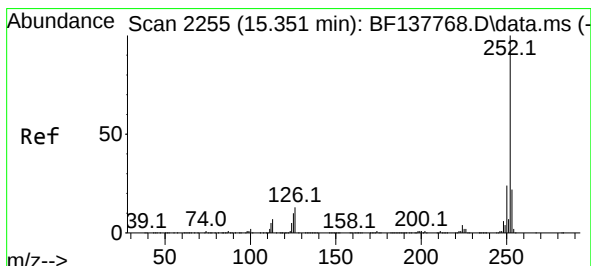
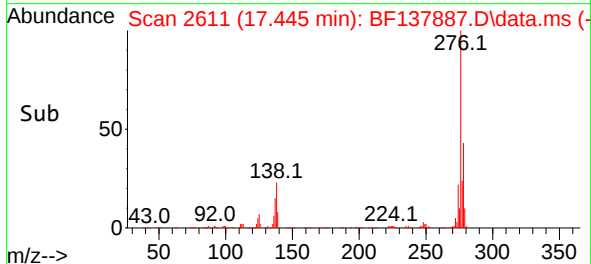
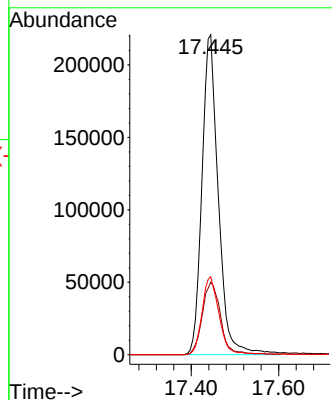
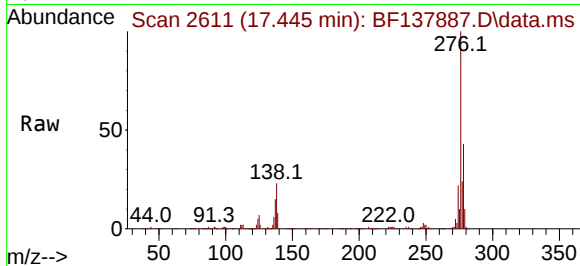




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.511 ng
RT: 17.445 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

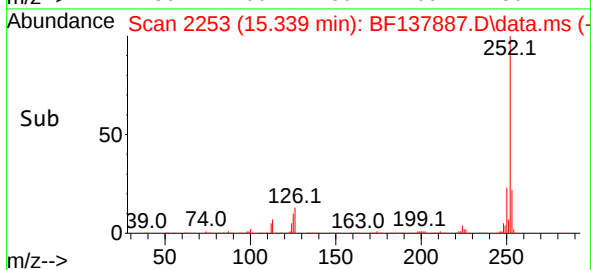
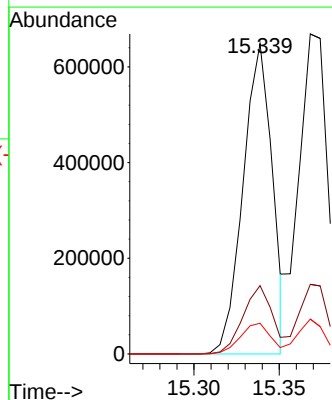
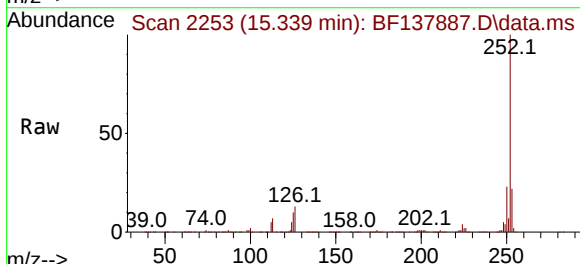
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

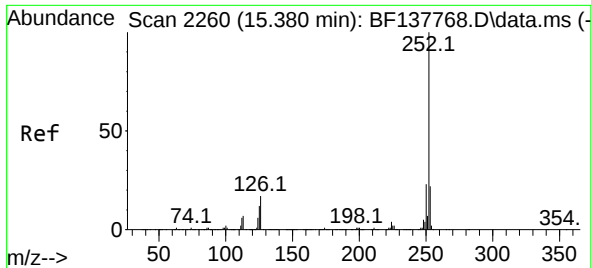
Tgt Ion:276 Resp: 575838
Ion Ratio Lower Upper
276 100
138 25.1 21.4 32.0
277 25.3 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 50.987 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:252 Resp: 774021
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.9 7.9 11.9

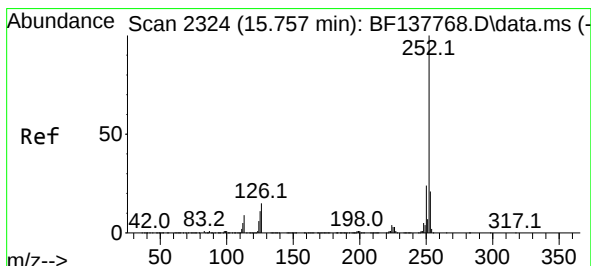
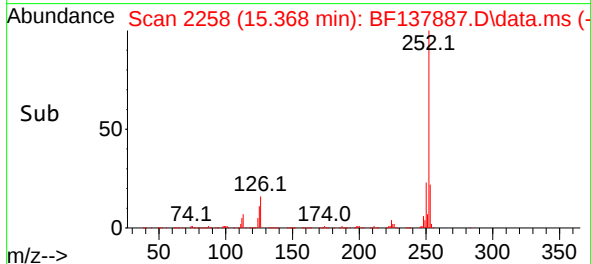
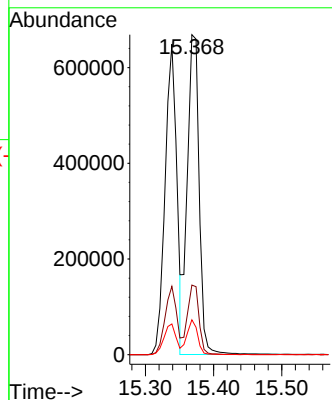
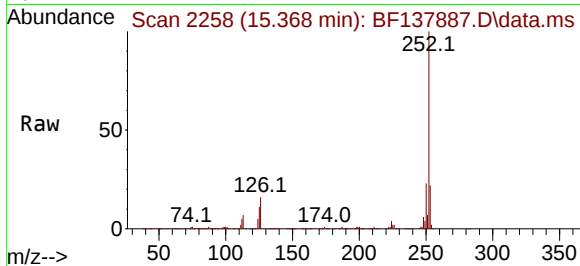




#89
Benzo(k)fluoranthene
Concen: 54.863 ng
RT: 15.368 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

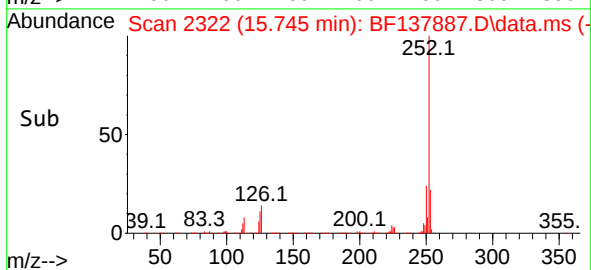
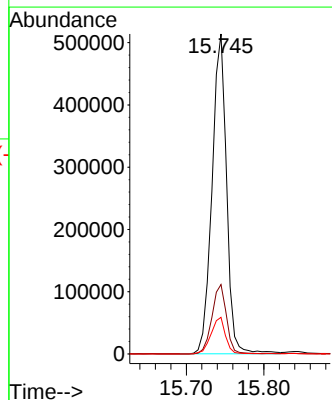
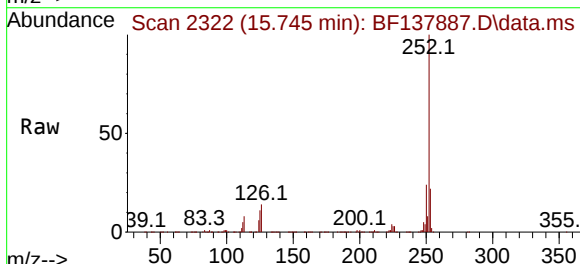
Instrument :
BNA_F
ClientSampleId :
WCS-TP-DMS

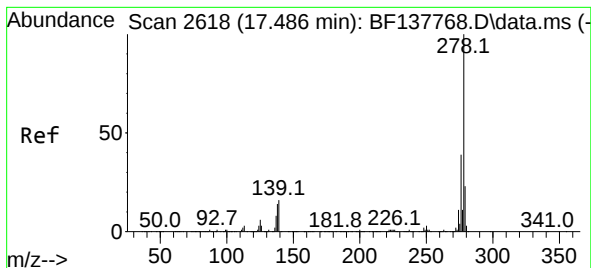
Tgt Ion:252 Resp: 804990
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.9 9.0 13.4



#90
Benzo(a)pyrene
Concen: 54.037 ng
RT: 15.745 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BF137887.D
Acq: 10 May 2024 18:22

Tgt Ion:252 Resp: 669246
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 11.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 40.731 ng

RT: 17.462 min Scan# 2

Delta R.T. -0.024 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Instrument :

BNA_F

ClientSampleId :

WCS-TP-DMS

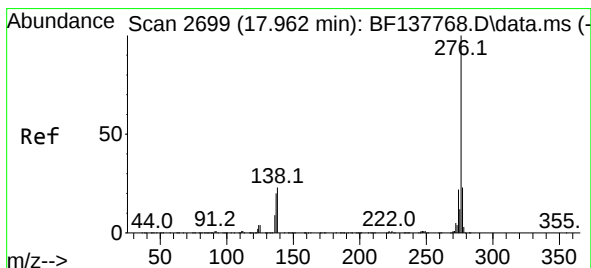
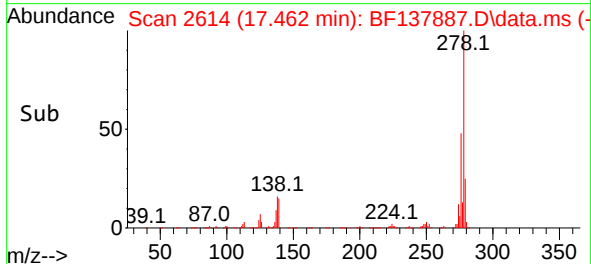
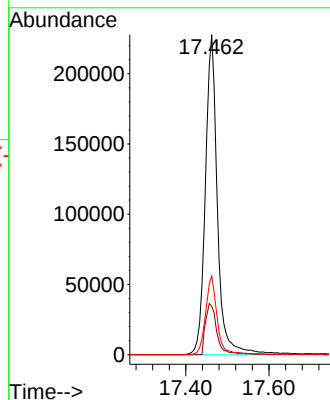
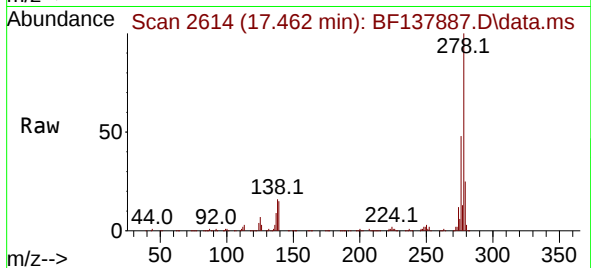
Tgt Ion:278 Resp: 459908

Ion Ratio Lower Upper

278 100

139 15.1 13.0 19.6

279 24.6 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 35.492 ng

RT: 17.939 min Scan# 2695

Delta R.T. -0.024 min

Lab File: BF137887.D

Acq: 10 May 2024 18:22

Tgt Ion:276 Resp: 420111

Ion Ratio Lower Upper

276 100

277 22.6 18.0 27.0

138 22.2 18.1 27.1

