

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137930.D
 Acq On : 17 May 2024 14:22
 Operator : CG\JU
 Sample : P2486-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPKMSD

Quant Time: May 17 14:52:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	119547	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	472338	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	268359	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	476853	20.000	ng	0.00
76) Chrysene-d12	14.233	240	325911	20.000	ng	0.00
86) Perylene-d12	15.786	264	279065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	772911	109.823	ng	0.00
7) Phenol-d6	6.657	99	970001	111.888	ng	0.00
23) Nitrobenzene-d5	7.604	82	580553	72.333	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	333984	123.430	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1249071	71.697	ng	0.00
79) Terphenyl-d14	13.163	244	1541064	69.688	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.987	88	121501	39.852	ng	98
3) Pyridine	3.752	79	299171	43.733	ng	98
4) n-Nitrosodimethylamine	3.710	42	142186	47.114	ng	# 97
6) Aniline	6.704	93	346726	44.714	ng	99
8) 2-Chlorophenol	6.822	128	365525	47.992	ng	97
9) Benzaldehyde	6.593	77	79670	16.986	ng	98
10) Phenol	6.669	94	419340	47.921	ng	99
11) bis(2-Chloroethyl)ether	6.775	93	315609	46.974	ng	97
12) 1,3-Dichlorobenzene	6.981	146	388217	44.055	ng	98
13) 1,4-Dichlorobenzene	7.057	146	391079	44.214	ng	99
14) 1,2-Dichlorobenzene	7.210	146	374984	45.044	ng	99
15) Benzyl Alcohol	7.175	79	294666	50.901	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.304	45	394043	47.711	ng	99
17) 2-Methylphenol	7.281	107	290657	47.853	ng	99
18) Hexachloroethane	7.557	117	135744	45.351	ng	98
19) n-Nitroso-di-n-propyla...	7.445	70	234245	48.093	ng	98
20) 3+4-Methylphenols	7.428	107	375620	47.205	ng	95
22) Acetophenone	7.445	105	494472	46.731	ng	97
24) Nitrobenzene	7.622	77	355669	43.683	ng	99
25) Isophorone	7.857	82	649459	46.624	ng	98
26) 2-Nitrophenol	7.934	139	195791	47.857	ng	95
27) 2,4-Dimethylphenol	7.963	122	267930	50.867	ng	98
28) bis(2-Chloroethoxy)met...	8.063	93	391163	46.333	ng	99
29) 2,4-Dichlorophenol	8.175	162	311741	47.065	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	323489	43.742	ng	99
31) Naphthalene	8.345	128	1056186	44.472	ng	99
32) Benzoic acid	8.057	122	141984	31.888	ng	95
33) 4-Chloroaniline	8.387	127	246896	31.712	ng	97
34) Hexachlorobutadiene	8.457	225	196802	42.043	ng	98
35) Caprolactam	8.751	113	52116	27.158	ng	95
36) 4-Chloro-3-methylphenol	8.863	107	328594	48.767	ng	97
37) 2-Methylnaphthalene	9.039	142	700324	45.875	ng	99
38) 1-Methylnaphthalene	9.139	142	649467	43.275	ng	98
40) 1,2,4,5-Tetrachloroben...	9.204	216	334050	45.787	ng	98
41) Hexachlorocyclopentadiene	9.186	237	371053	133.849	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	227662	47.593	ng	99

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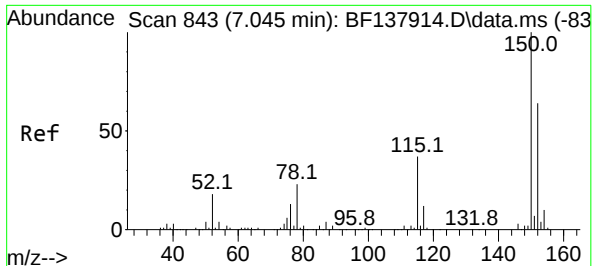
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	246025	47.005	ng	97
46) 1,1'-Biphenyl	9.504	154	863671	45.885	ng	99
47) 2-Chloronaphthalene	9.528	162	668587	44.498	ng	98
48) 2-Nitroaniline	9.622	65	188765	49.061	ng	97
49) Acenaphthylene	9.951	152	1073374	49.683	ng	99
50) Dimethylphthalate	9.798	163	805077	47.841	ng	99
51) 2,6-Dinitrotoluene	9.863	165	181520	46.998	ng	99
52) Acenaphthene	10.122	154	719131	50.362	ng	100
53) 3-Nitroaniline	10.033	138	145745	38.599	ng	100
54) 2,4-Dinitrophenol	10.139	184	182423	86.780	ng	# 86
55) Dibenzofuran	10.292	168	987405	47.514	ng	99
56) 4-Nitrophenol	10.186	139	304528	112.293	ng	97
57) 2,4-Dinitrotoluene	10.269	165	251423	50.354	ng	93
58) Fluorene	10.639	166	771981	46.966	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	205486	49.975	ng	100
60) Diethylphthalate	10.498	149	772332	49.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	377257	46.541	ng	98
62) 4-Nitroaniline	10.657	138	198996	55.566	ng	97
63) Azobenzene	10.786	77	704811	49.302	ng	100
65) 4,6-Dinitro-2-methylph...	10.675	198	138210	50.197	ng	95
66) n-Nitrosodiphenylamine	10.745	169	685330	46.865	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	243607	46.600	ng	98
68) Hexachlorobenzene	11.186	284	257739	44.602	ng	99
69) Atrazine	11.269	200	233853	58.563	ng	99
70) Pentachlorophenol	11.375	266	306629	90.587	ng	98
71) Phenanthrene	11.604	178	1116894	47.530	ng	100
72) Anthracene	11.657	178	1137545	48.790	ng	99
73) Carbazole	11.810	167	1062430	49.883	ng	99
74) Di-n-butylphthalate	12.127	149	1231731	52.111	ng	100
75) Fluoranthene	12.798	202	1193798	50.051	ng	99
77) Benzidine	12.916	184	471795	110.768	ng	100
78) Pyrene	13.027	202	1233214	43.262	ng	100
80) Butylbenzylphthalate	13.633	149	469516	54.607	ng	99
81) Benzo(a)anthracene	14.221	228	1016292	49.289	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	234183	40.983	ng	100
83) Chrysene	14.257	228	944097	47.876	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	623872	57.722	ng	98
85) Di-n-octyl phthalate	14.816	149	895881	61.356	ng	99
87) Indeno(1,2,3-cd)pyrene	17.415	276	920627	51.348	ng	99
88) Benzo(b)fluoranthene	15.321	252	774488	47.932	ng	99
89) Benzo(k)fluoranthene	15.351	252	780855	49.192	ng	99
90) Benzo(a)pyrene	15.721	252	706075	51.175	ng	98
91) Dibenzo(a,h)anthracene	17.433	278	737657	49.797	ng	99
92) Benzo(g,h,i)perylene	17.915	276	736512	47.329	ng	100

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

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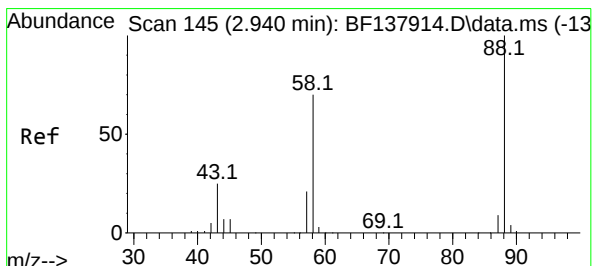
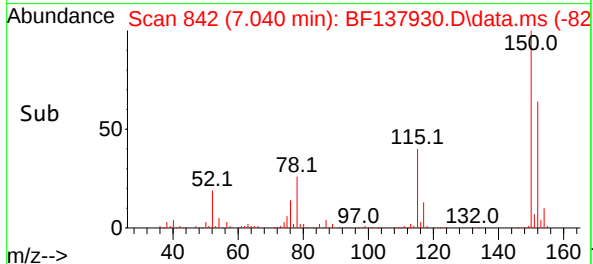
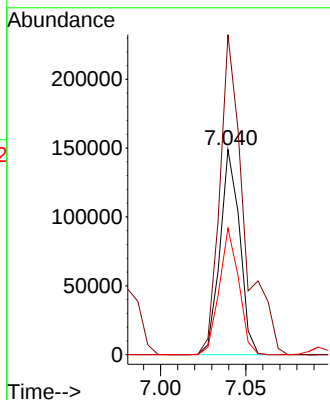
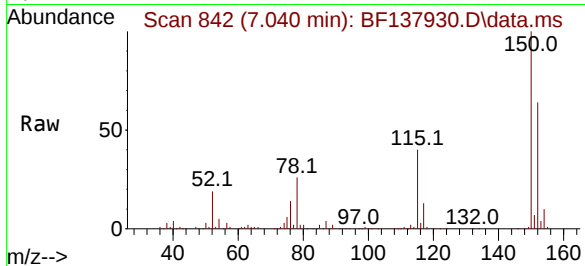




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

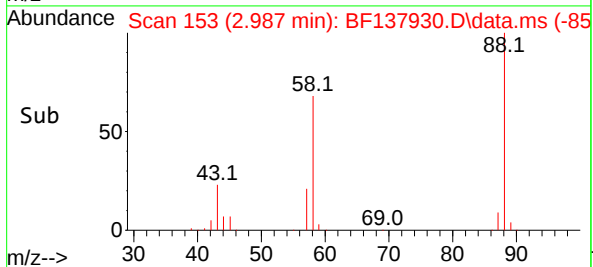
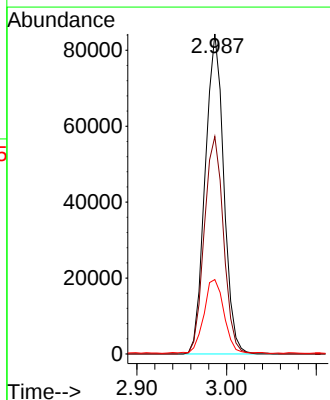
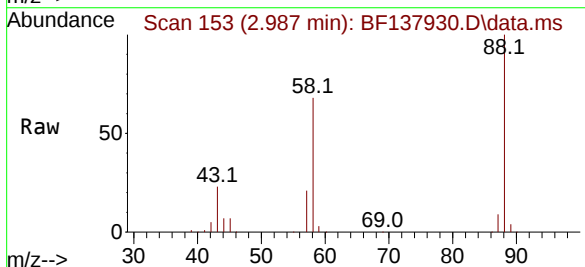
Instrument :
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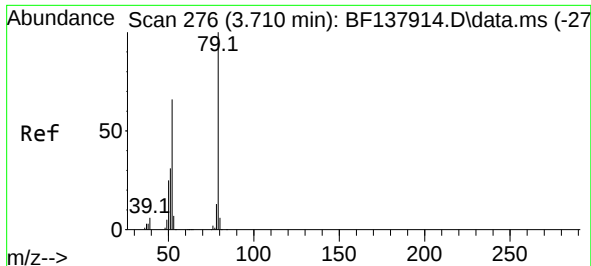
Tgt Ion:152 Resp: 119547
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 61.7 47.0 70.6



#2
1,4-Dioxane
Concen: 39.852 ng
RT: 2.987 min Scan# 153
Delta R.T. 0.047 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion: 88 Resp: 121501
Ion Ratio Lower Upper
88 100
58 70.1 54.4 81.6
43 24.9 19.6 29.4

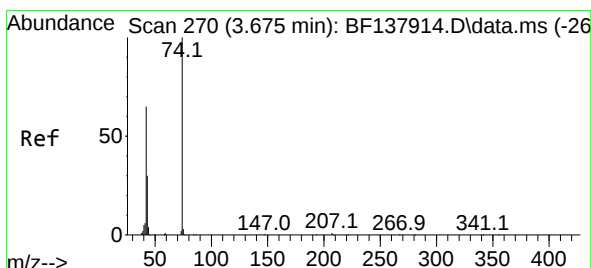
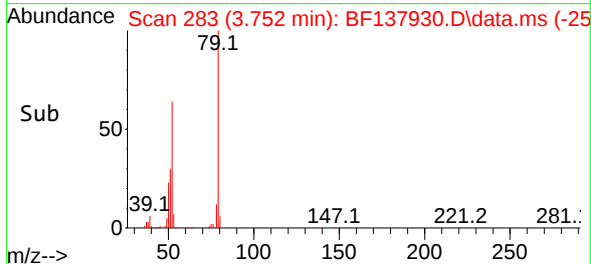
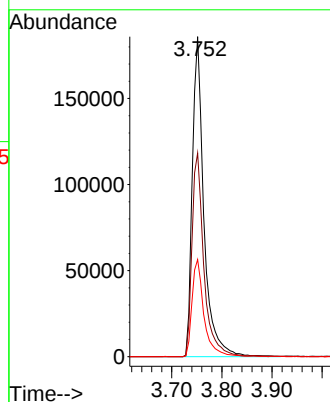
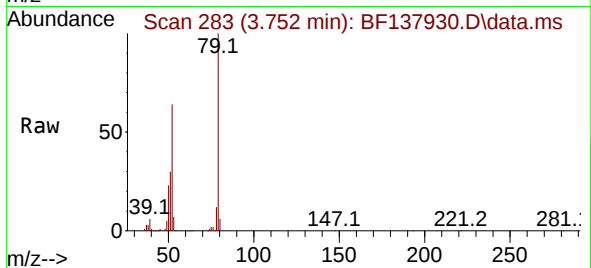




#3
Pyridine
Concen: 43.733 ng
RT: 3.752 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

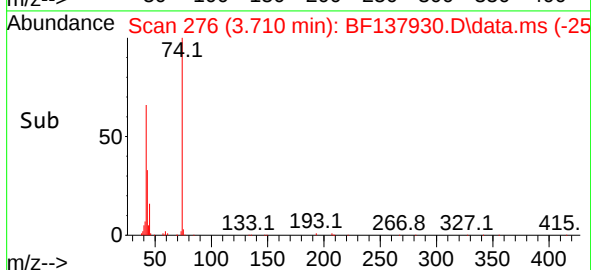
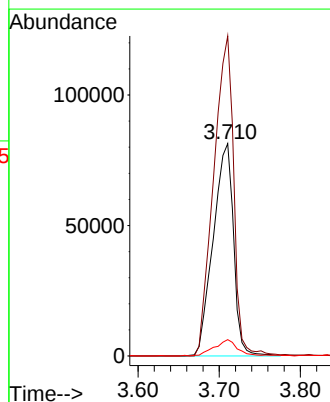
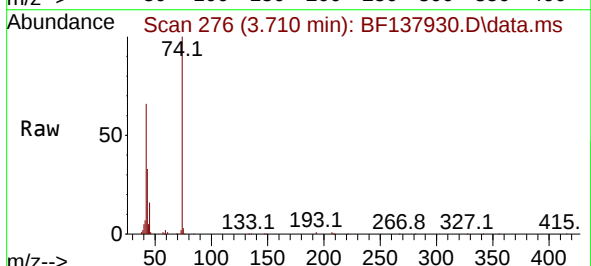
Instrument :
BNA_F
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WCS-TPKMMSD

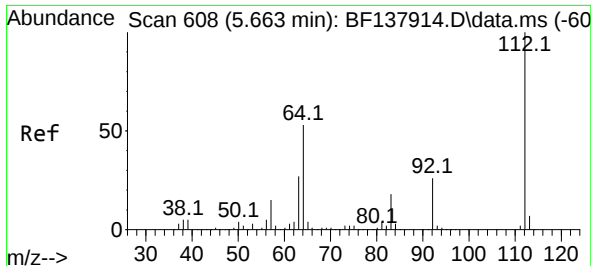
Tgt Ion: 79 Resp: 299171
Ion Ratio Lower Upper
79 100
52 63.7 52.5 78.7
51 30.3 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 47.114 ng
RT: 3.710 min Scan# 276
Delta R.T. 0.035 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion: 42 Resp: 142186
Ion Ratio Lower Upper
42 100
74 150.7 123.1 184.7
44 7.7 5.0 7.6#

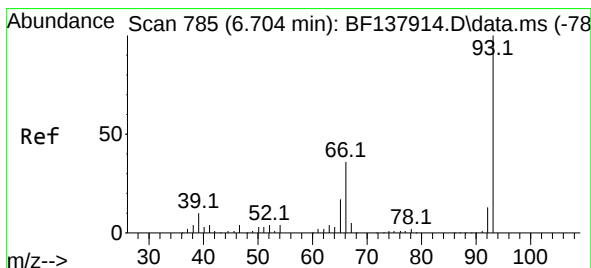
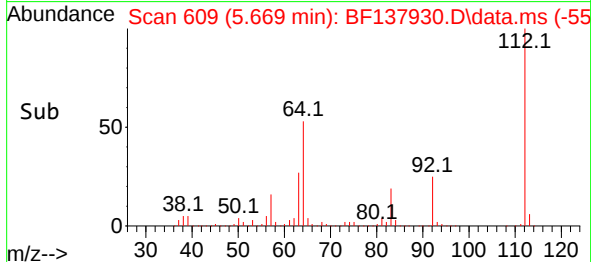
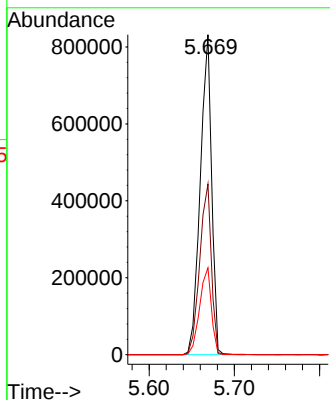
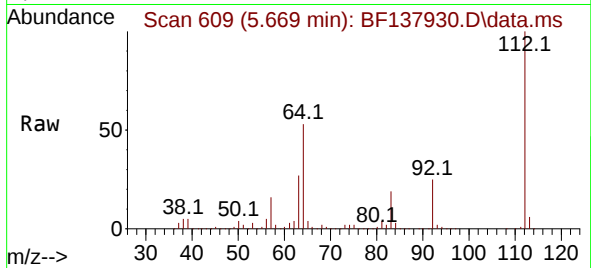




#5
2-Fluorophenol
Concen: 109.823 ng
RT: 5.669 min Scan# 608
Delta R.T. 0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

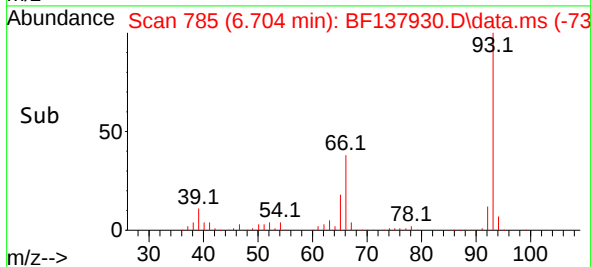
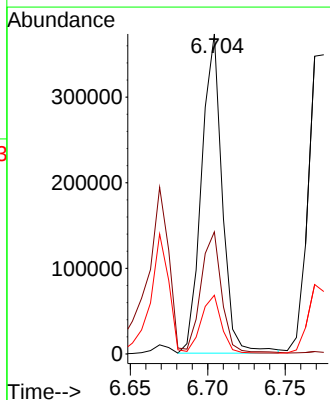
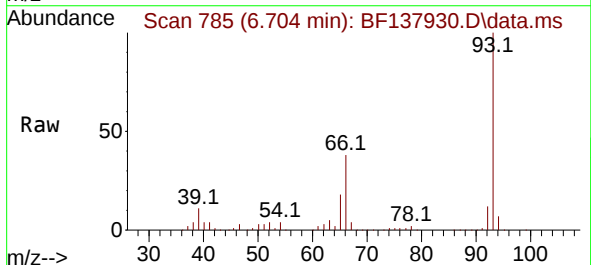
Instrument :
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ClientSampleId :
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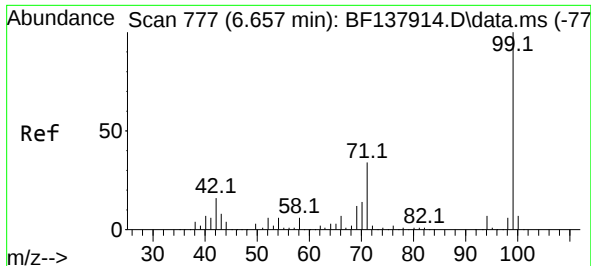
Tgt Ion:112 Resp: 772911
Ion Ratio Lower Upper
112 100
64 53.3 42.4 63.6
63 27.2 21.4 32.2



#6
Aniline
Concen: 44.714 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion: 93 Resp: 346726
Ion Ratio Lower Upper
93 100
66 38.2 30.7 46.1
65 18.3 15.0 22.4





#7

Phenol-d6

Concen: 111.888 ng

RT: 6.657 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMMSD

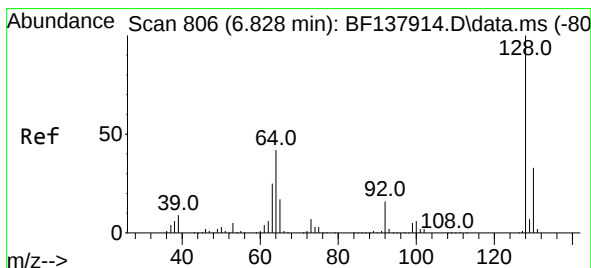
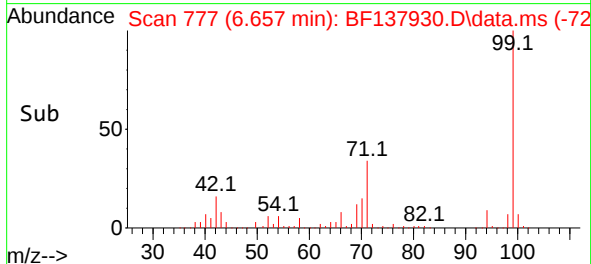
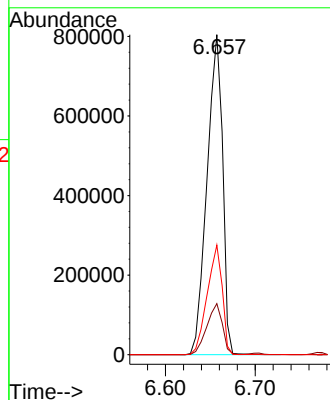
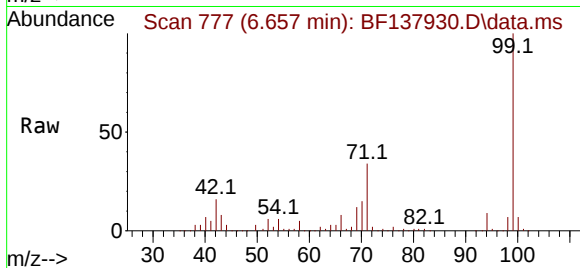
Tgt Ion: 99 Resp: 970001

Ion Ratio Lower Upper

99 100

42 16.0 12.6 18.8

71 34.2 27.1 40.7



#8

2-Chlorophenol

Concen: 47.992 ng

RT: 6.822 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

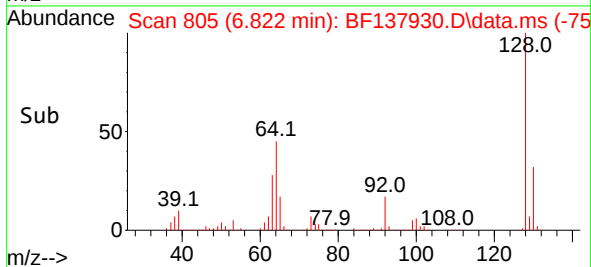
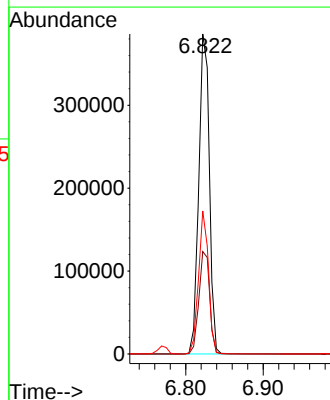
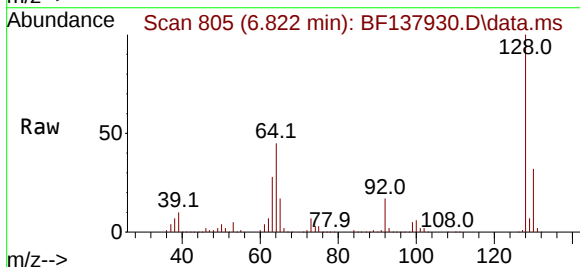
Tgt Ion: 128 Resp: 365525

Ion Ratio Lower Upper

128 100

130 32.0 12.8 52.8

64 44.7 22.2 62.2

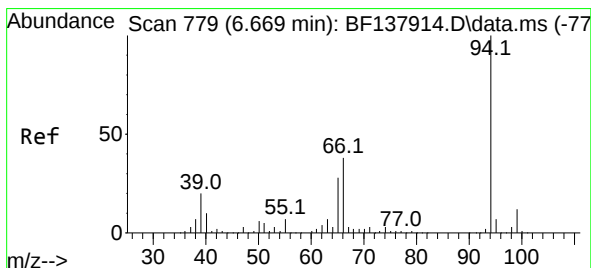
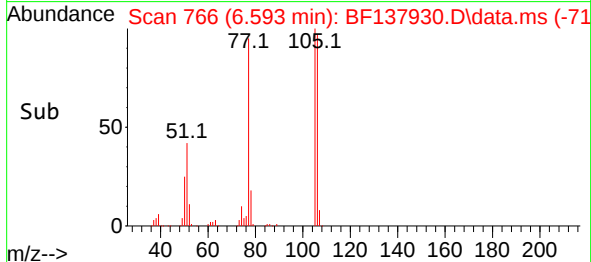
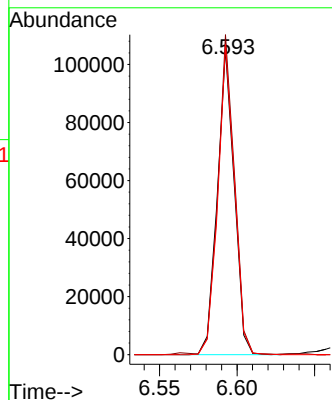
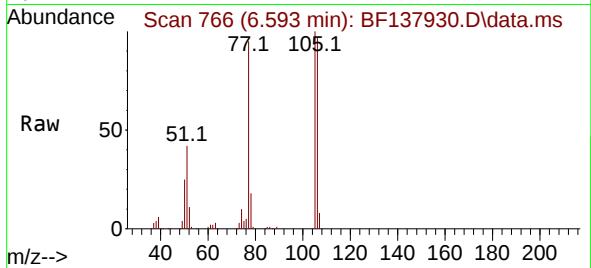




#9
Benzaldehyde
Concen: 16.986 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.005 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

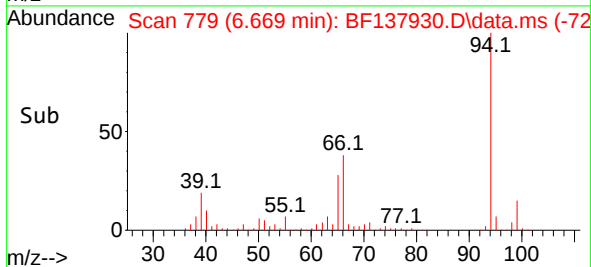
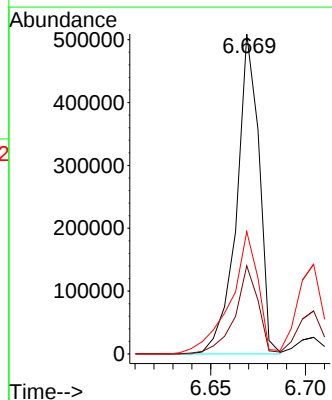
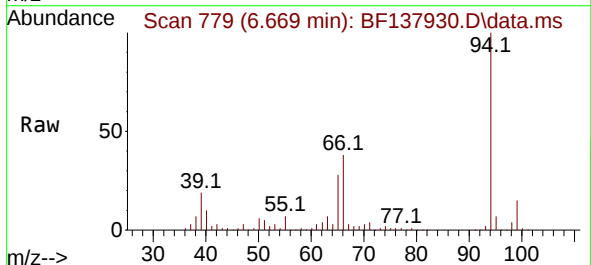
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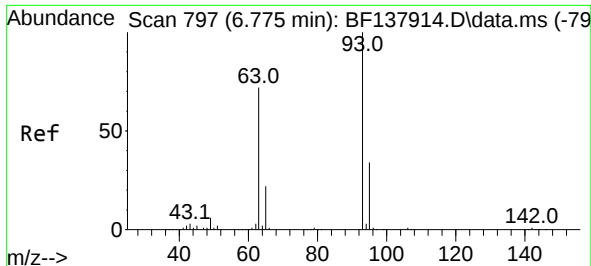
Tgt Ion: 77 Resp: 79670
Ion Ratio Lower Upper
77 100
105 104.8 82.3 122.3
106 101.5 79.2 119.2



#10
Phenol
Concen: 47.921 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion: 94 Resp: 419340
Ion Ratio Lower Upper
94 100
65 27.5 7.8 47.8
66 38.3 18.6 58.6

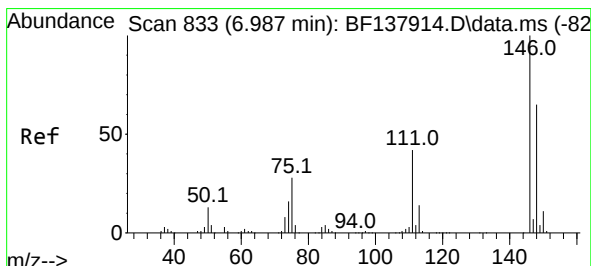
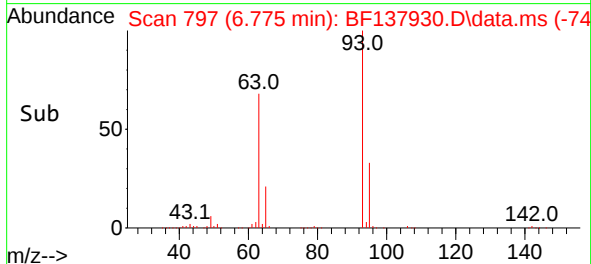
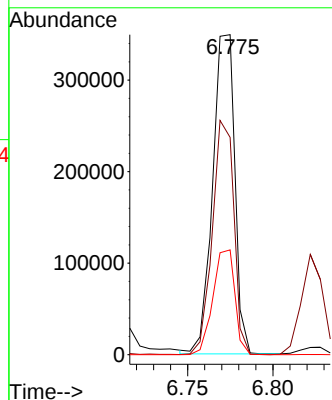
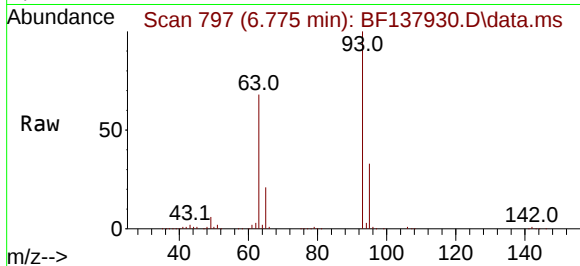




#11
bis(2-Chloroethyl)ether
Concen: 46.974 ng
RT: 6.775 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

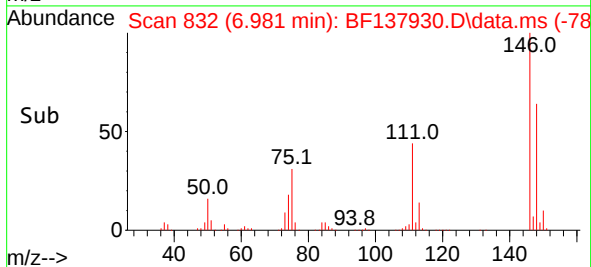
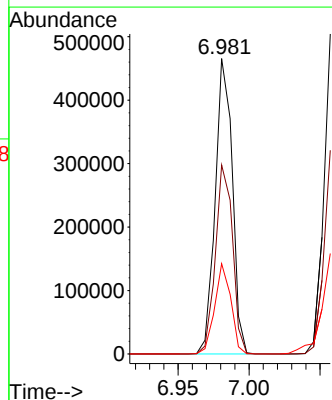
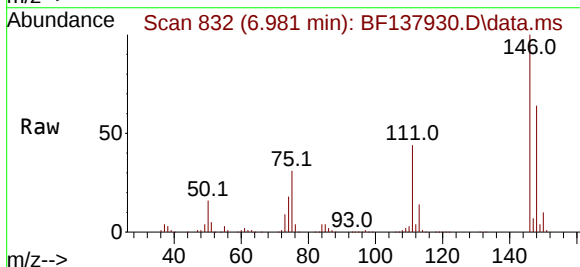
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMMSD

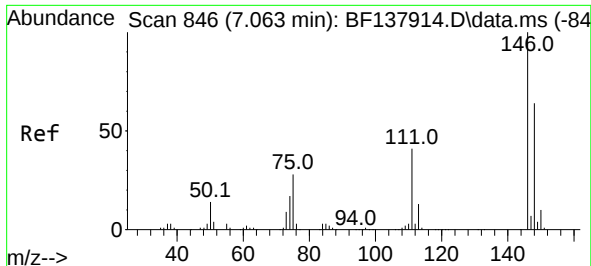
Tgt Ion: 93 Resp: 315609
Ion Ratio Lower Upper
93 100
63 67.9 51.4 91.4
95 32.8 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 44.055 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:146 Resp: 388217
Ion Ratio Lower Upper
146 100
148 63.9 51.7 77.5
75 30.6 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 44.214 ng

RT: 7.057 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMSD

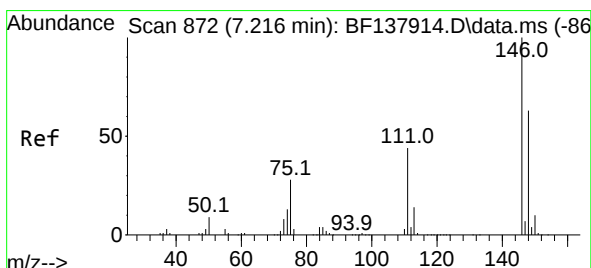
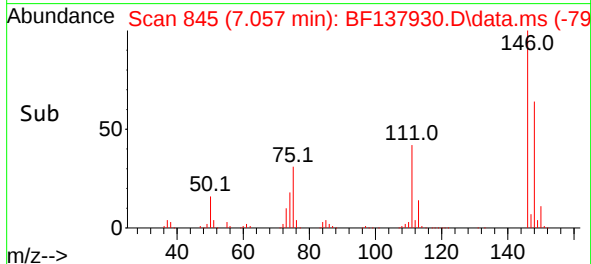
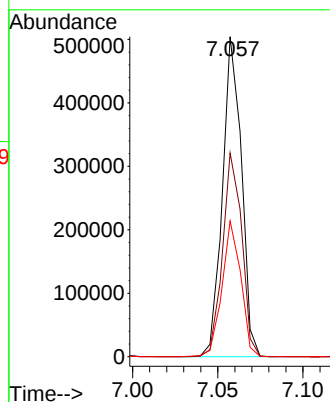
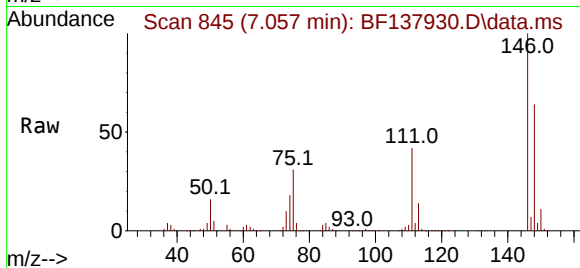
Tgt Ion:146 Resp: 391079

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 42.4 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 45.044 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

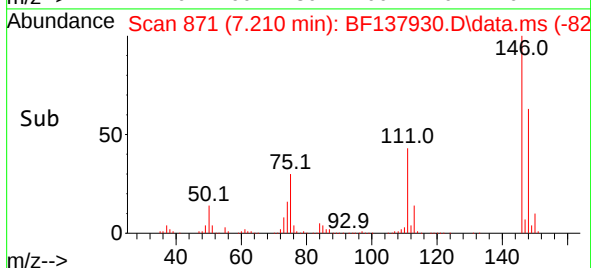
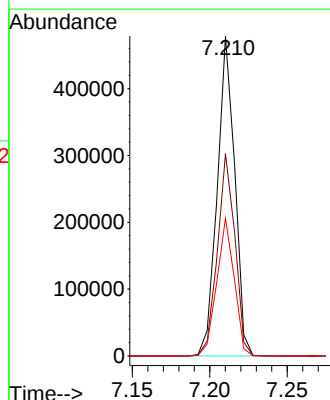
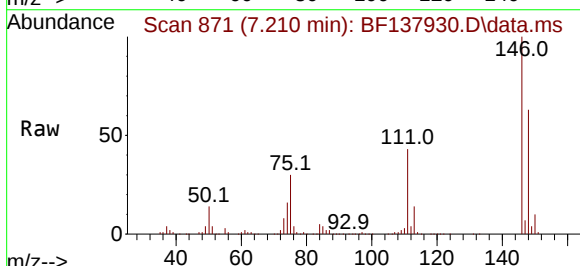
Tgt Ion:146 Resp: 374984

Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.4

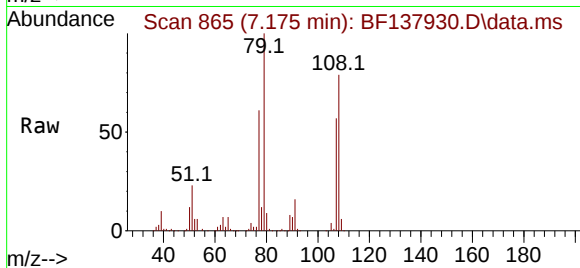
111 43.0 35.1 52.7



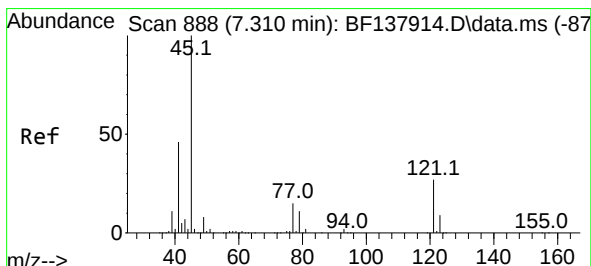
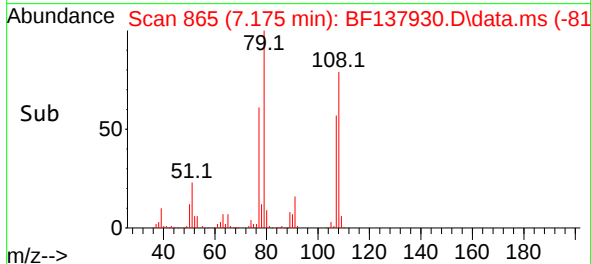
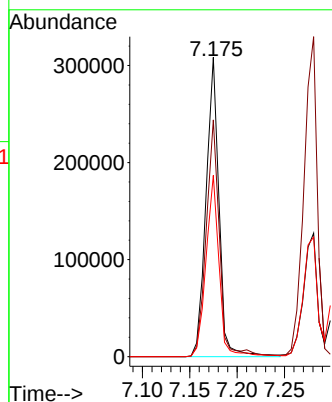


#15
Benzyl Alcohol
Concen: 50.901 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Instrument :
BNA_F
ClientSampleId :
WCS-TPKMDS

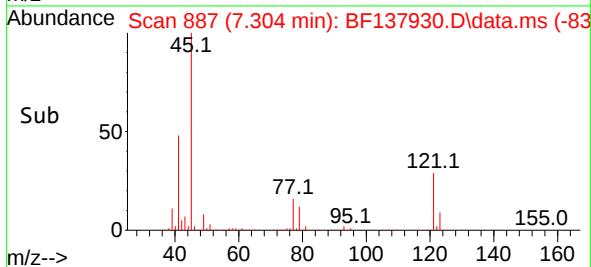
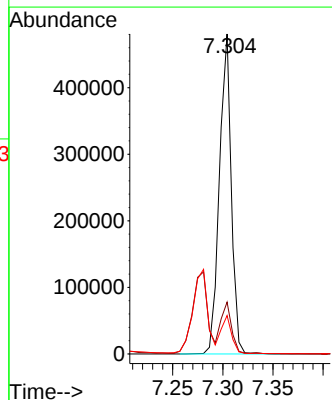
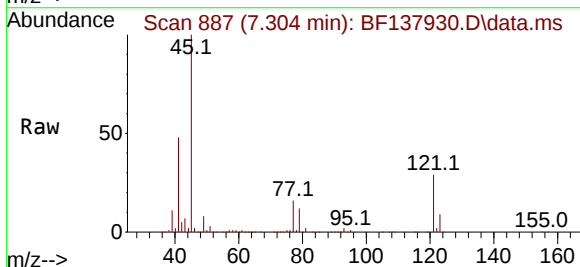


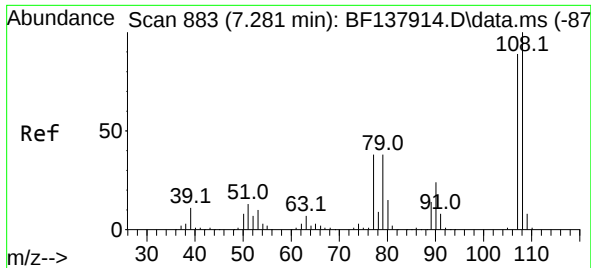
Tgt Ion: 79 Resp: 294666
Ion Ratio Lower Upper
79 100
108 79.1 62.8 94.2
77 60.6 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.711 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion: 45 Resp: 394043
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.3
79 12.0 0.0 32.1

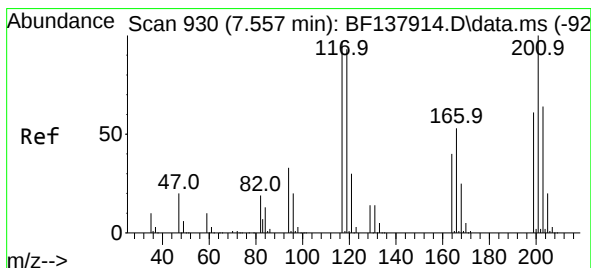
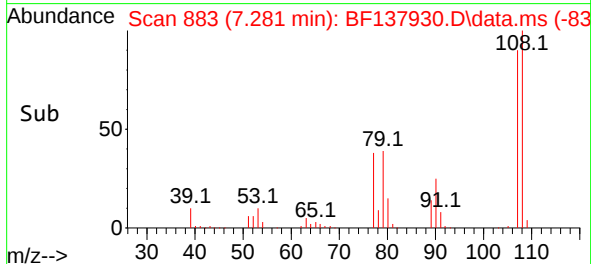
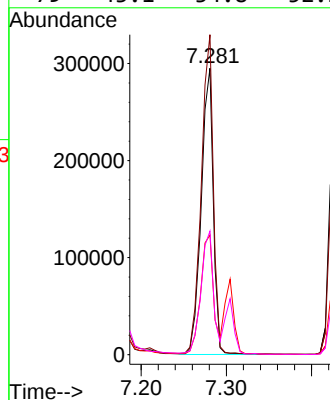
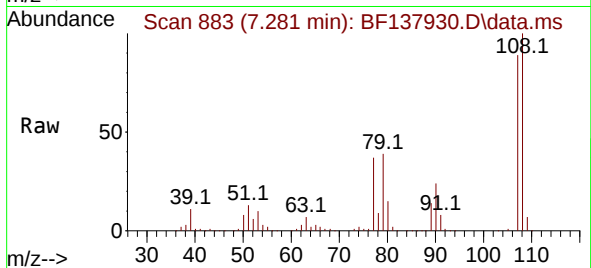




#17
2-Methylphenol
Concen: 47.853 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

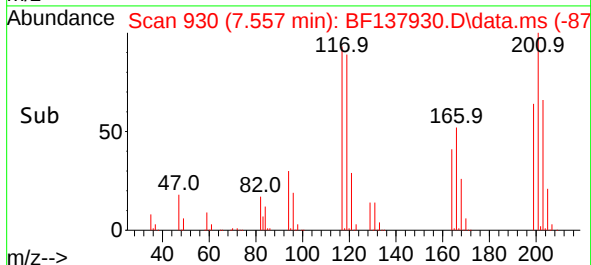
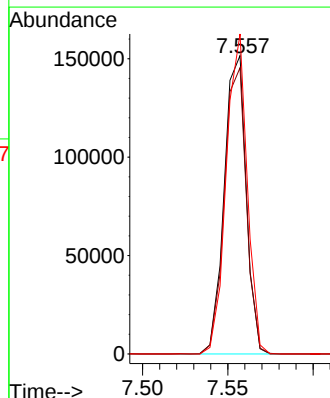
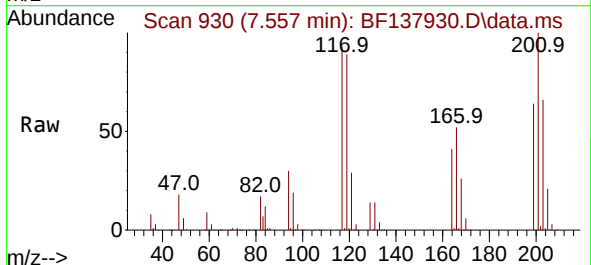
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMSD

Tgt Ion:	107	Resp:	290657
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.1	135.1
77	41.8	34.3	51.5
79	43.1	34.8	52.2



#18
Hexachloroethane
Concen: 45.351 ng
RT: 7.557 min Scan# 930
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:	117	Resp:	135744
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.8	115.2
201	107.3	82.7	124.1



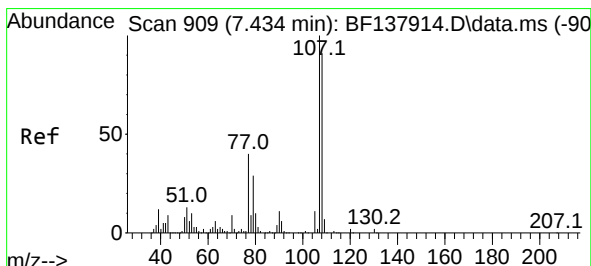
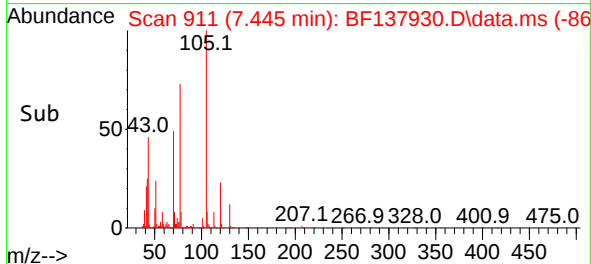
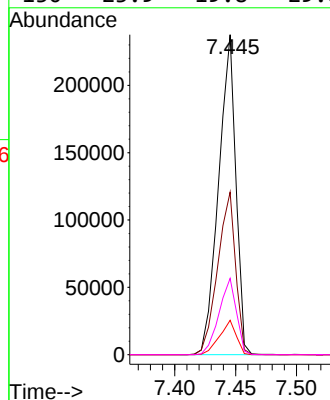
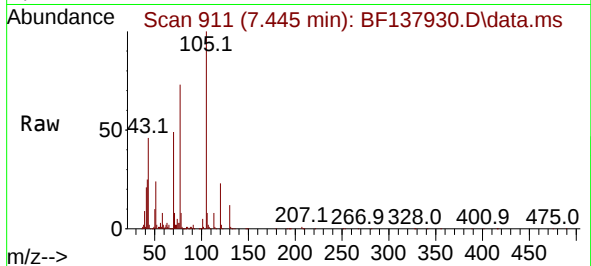


#19
n-Nitroso-di-n-propylamine
Concen: 48.093 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Instrument :
BNA_F
ClientSampleId :
WCS-TPKMMSD

Tgt Ion: 70 Resp: 234245

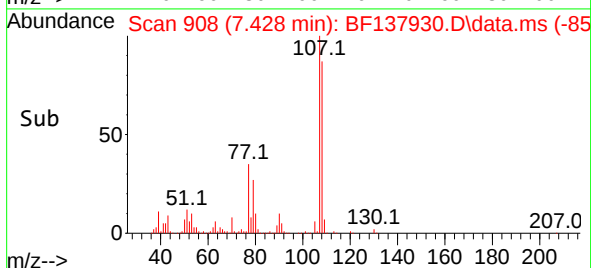
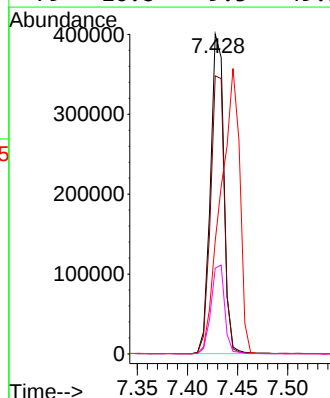
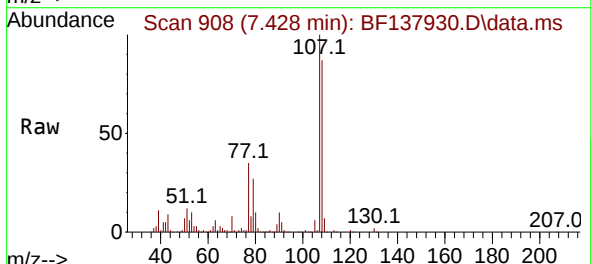
Ion	Ratio	Lower	Upper
70	100		
42	50.8	42.2	63.4
101	10.8	8.8	13.2
130	23.9	19.8	29.8

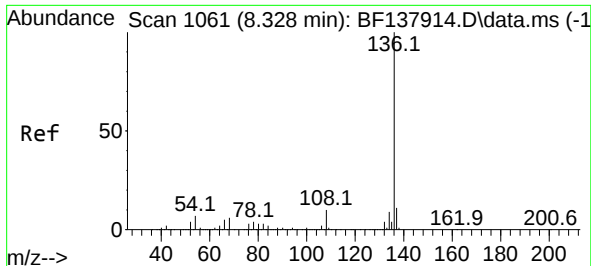


#20
3+4-Methylphenols
Concen: 47.205 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion: 107 Resp: 375620

Ion	Ratio	Lower	Upper
107	100		
108	86.9	70.8	110.8
77	35.4	20.2	60.2
79	26.8	9.3	49.3

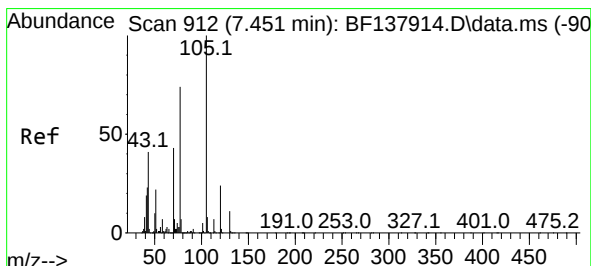
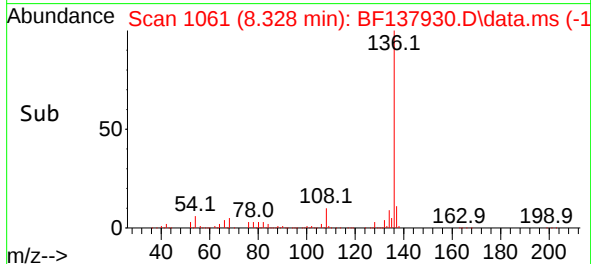
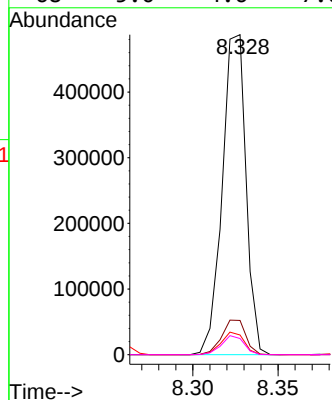
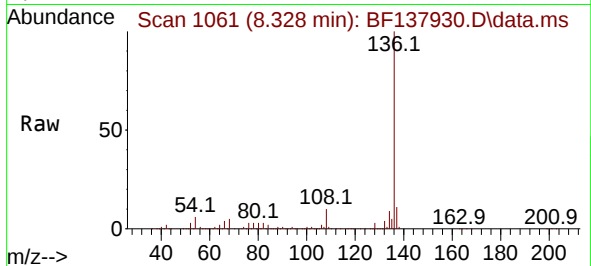




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.328 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

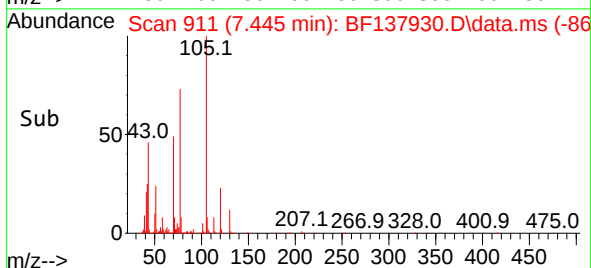
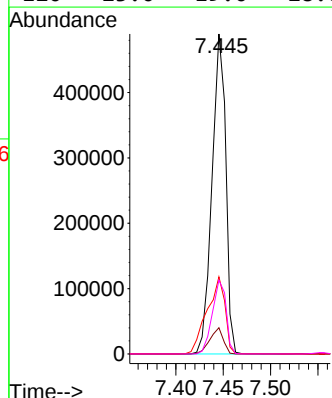
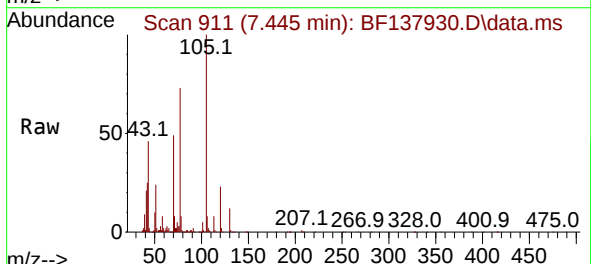
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMSD

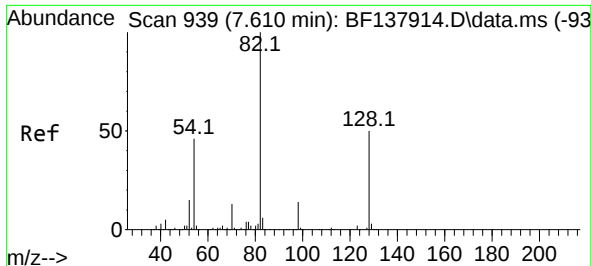
Tgt Ion:	136	Resp:	472338
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.1	5.4	8.2
68	5.0	4.6	7.0



#22
Acetophenone
Concen: 46.731 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:	105	Resp:	494472
Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.7	8.5
51	24.1	17.8	26.8
120	23.0	19.0	28.6





#23

Nitrobenzene-d5

Concen: 72.333 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMMSD

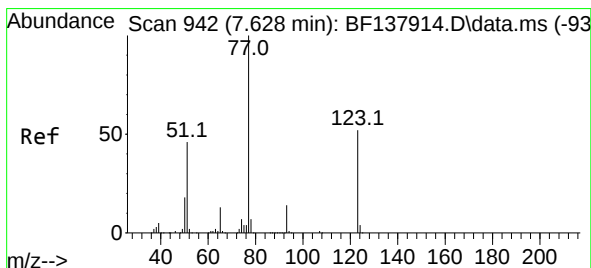
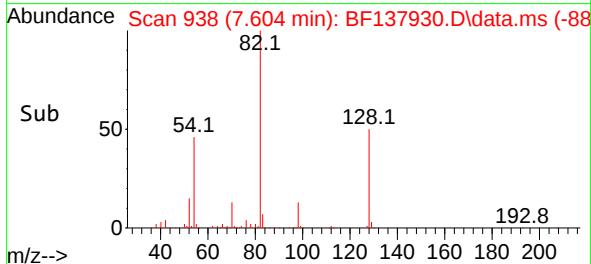
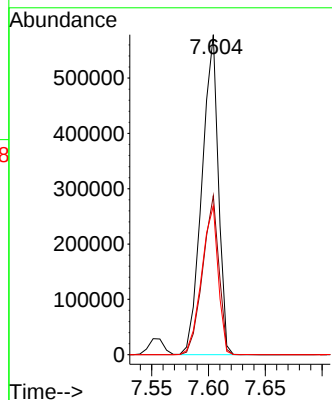
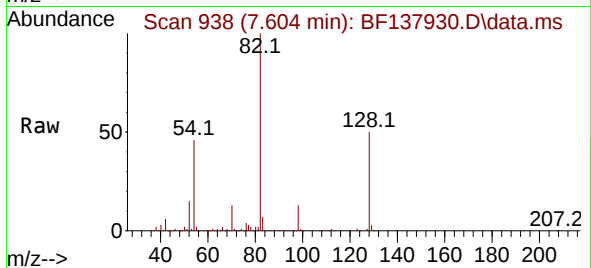
Tgt Ion: 82 Resp: 580553

Ion Ratio Lower Upper

82 100

128 49.7 40.3 60.5

54 46.5 36.8 55.2



#24

Nitrobenzene

Concen: 43.683 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

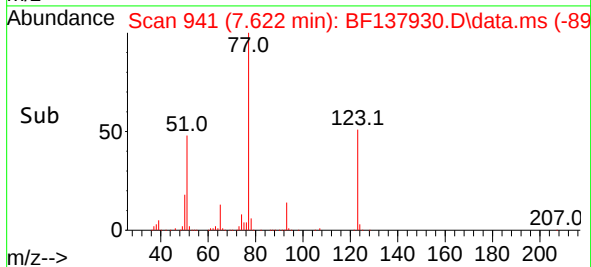
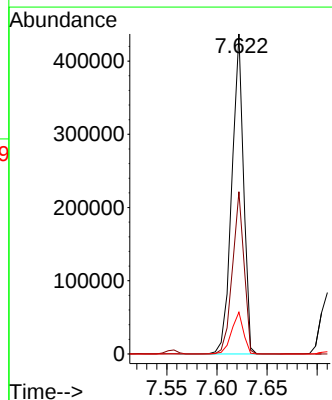
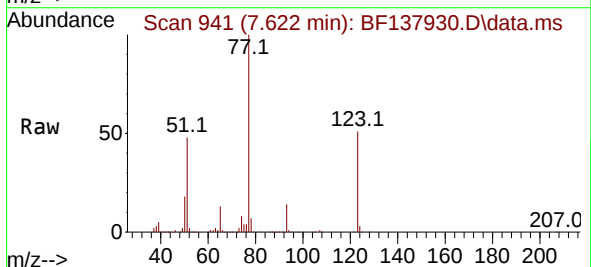
Tgt Ion: 77 Resp: 355669

Ion Ratio Lower Upper

77 100

123 50.7 41.4 62.2

65 13.1 10.5 15.7

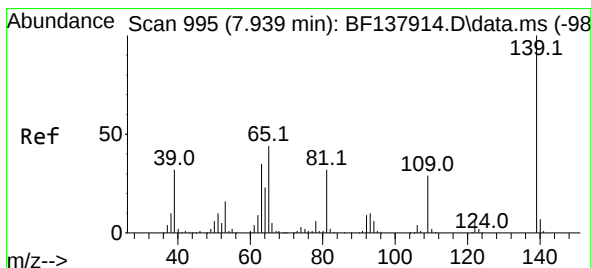
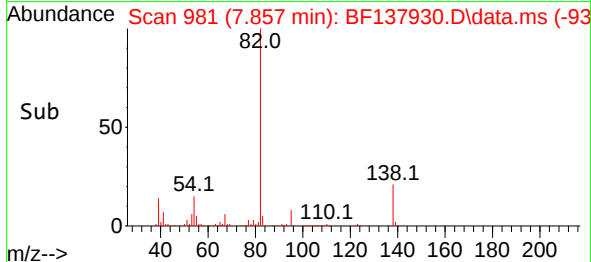
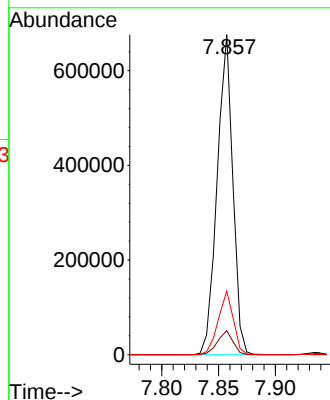
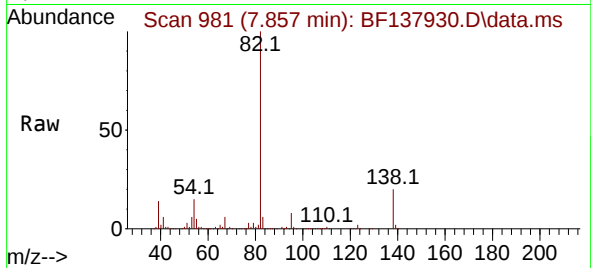




#25
Isophorone
Concen: 46.624 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

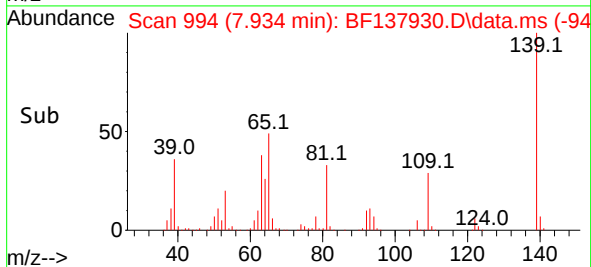
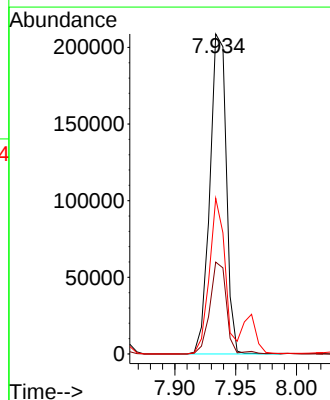
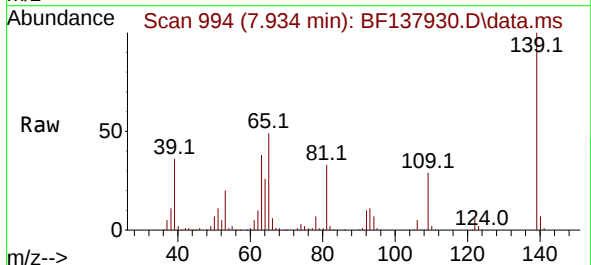
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMSD

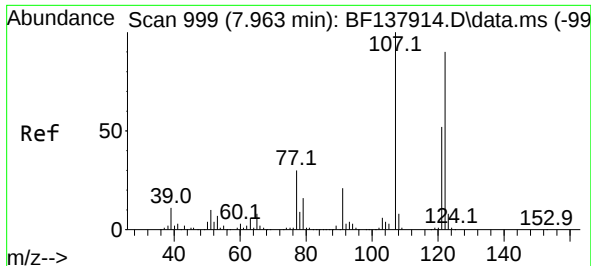
Tgt Ion: 82 Resp: 649459
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 19.9 15.0 22.4



#26
2-Nitrophenol
Concen: 47.857 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion: 139 Resp: 195791
Ion Ratio Lower Upper
139 100
109 28.7 22.8 34.2
65 48.7 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 50.867 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMSD

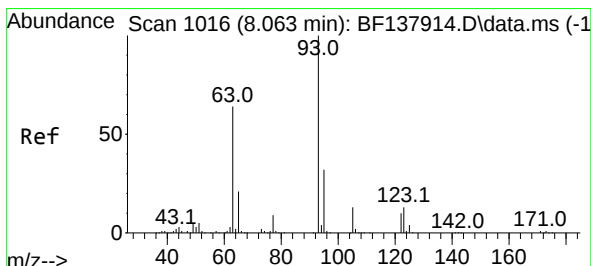
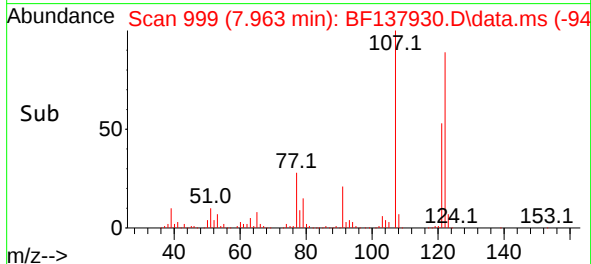
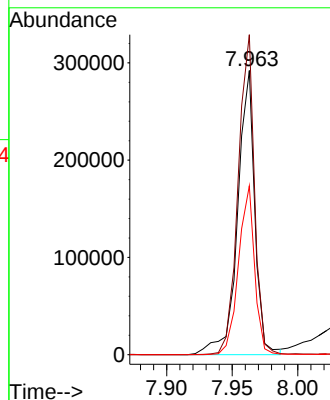
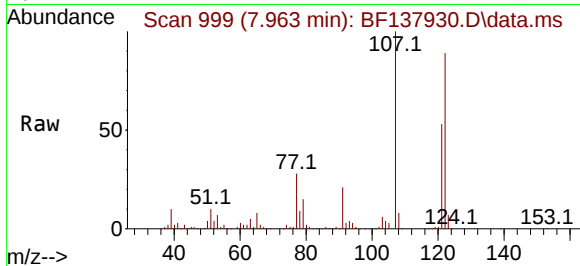
Tgt Ion:122 Resp: 267930

Ion Ratio Lower Upper

122 100

107 112.6 89.0 133.4

121 59.4 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 46.333 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

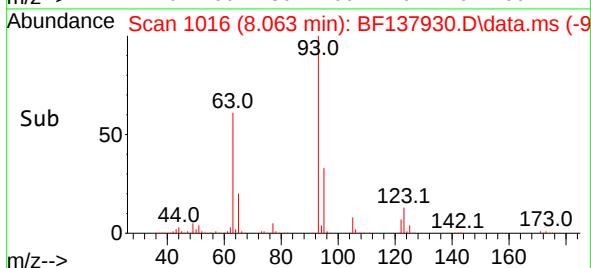
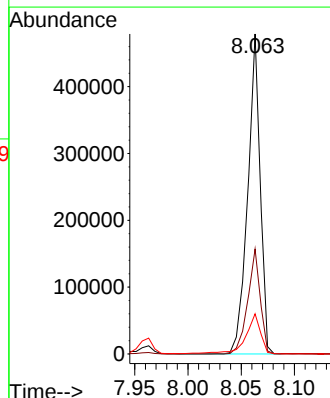
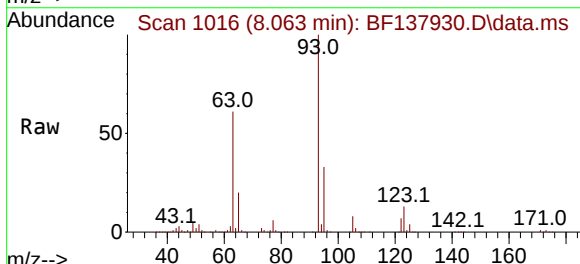
Tgt Ion: 93 Resp: 391163

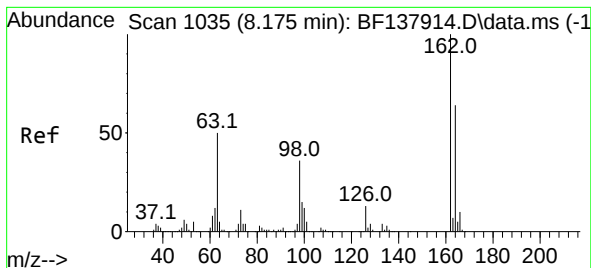
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 12.6 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 47.065 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMSD

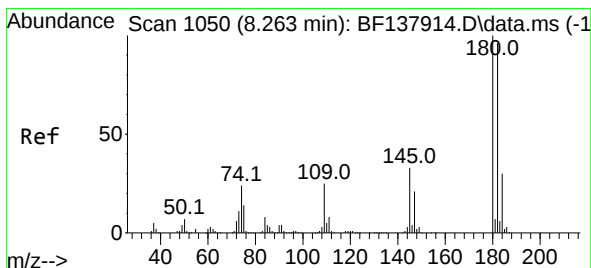
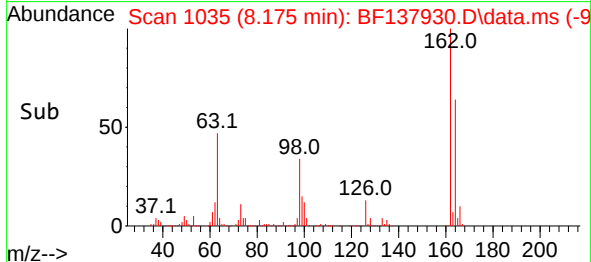
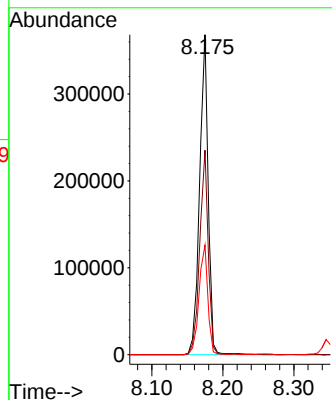
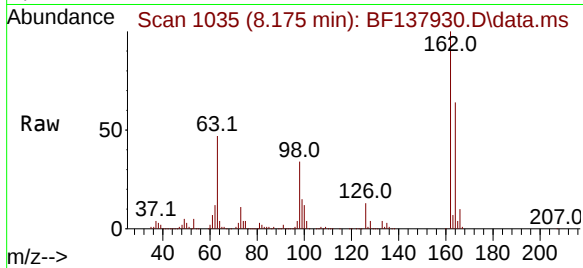
Tgt Ion:162 Resp: 311741

Ion Ratio Lower Upper

162 100

164 63.9 44.3 84.3

98 34.3 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 43.742 ng

RT: 8.263 min Scan# 1050

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

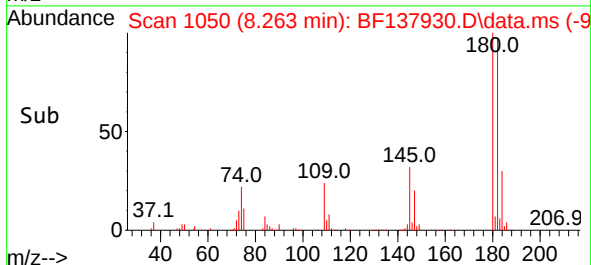
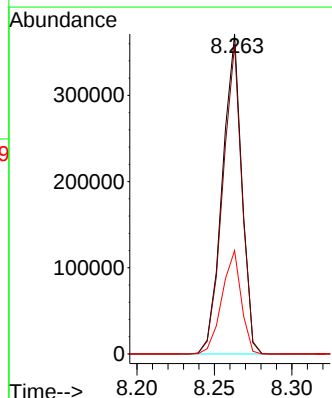
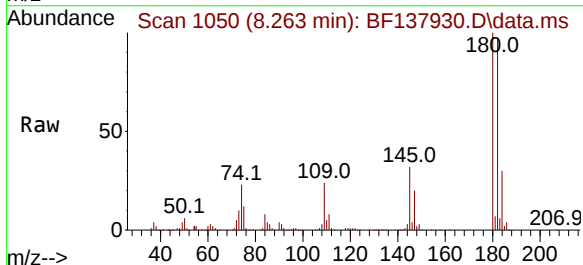
Tgt Ion:180 Resp: 323489

Ion Ratio Lower Upper

180 100

182 96.8 76.5 114.7

145 32.3 26.2 39.2

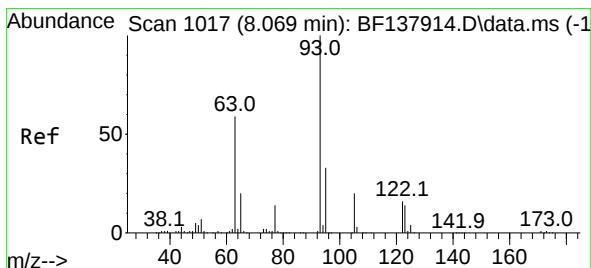
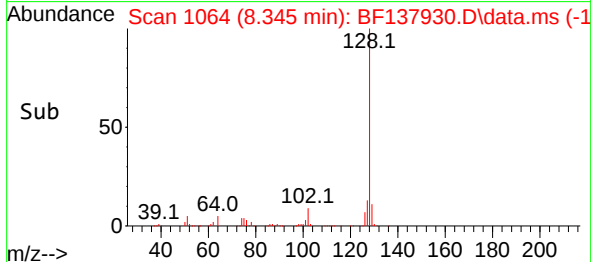
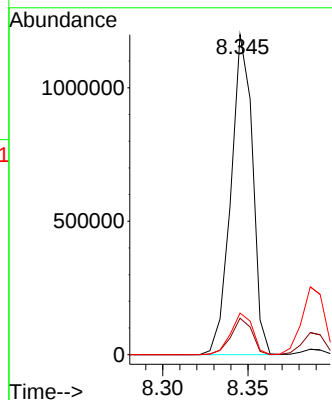
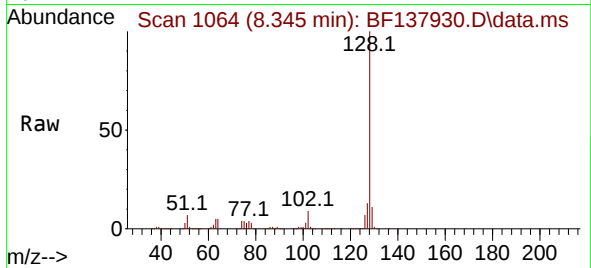




#31
Naphthalene
Concen: 44.472 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

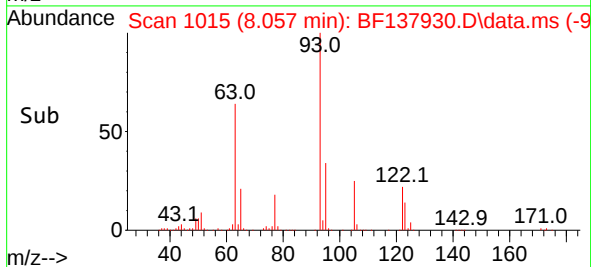
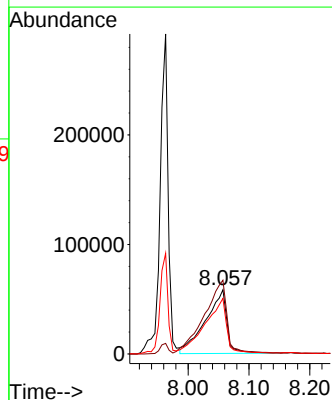
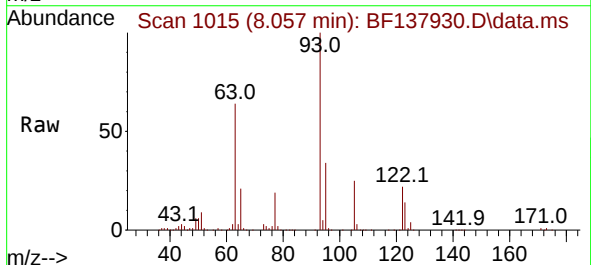
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMSD

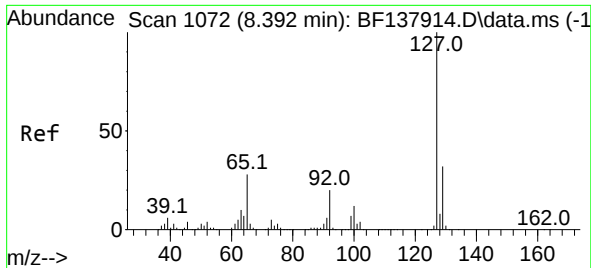
Tgt Ion:128 Resp: 1056186
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 31.888 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:122 Resp: 141984
Ion Ratio Lower Upper
122 100
105 115.0 103.8 143.8
77 86.7 68.4 108.4

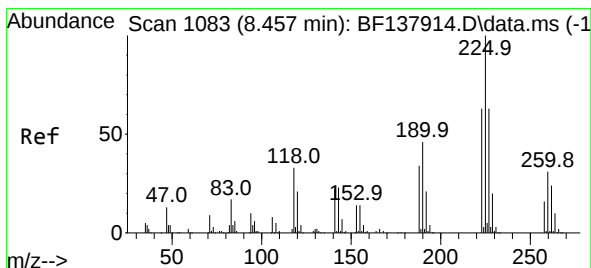
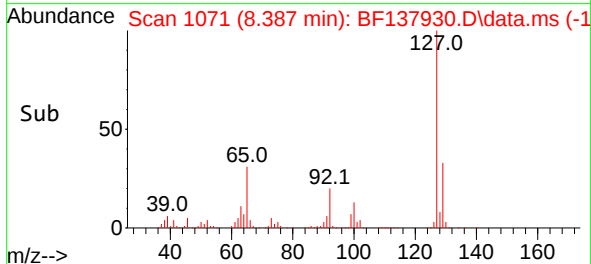
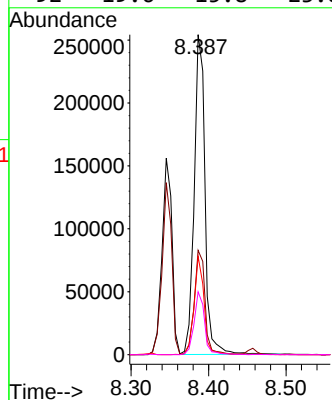
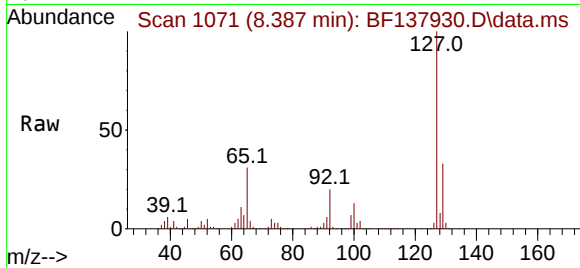




#33
4-Chloroaniline
Concen: 31.712 ng
RT: 8.387 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

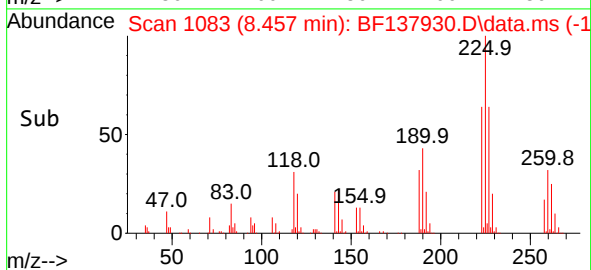
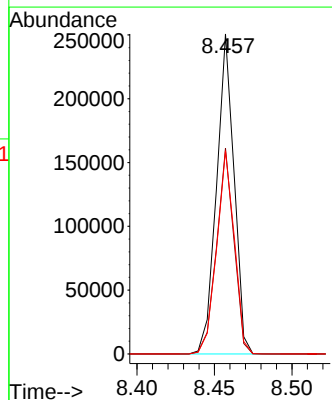
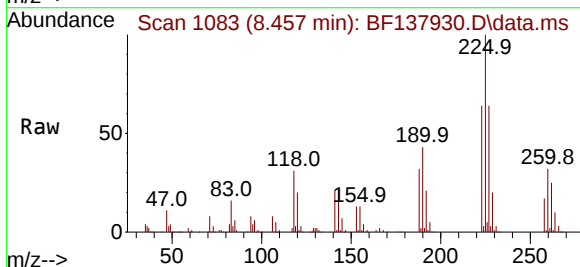
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMSD

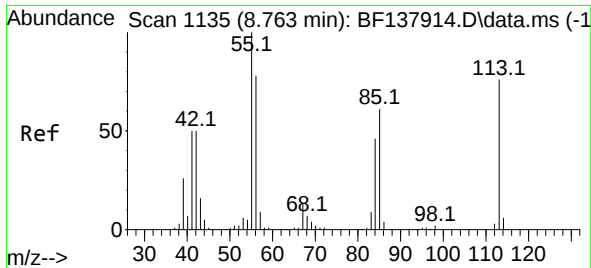
Tgt Ion:	127	Resp:	246896
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.4	38.2
65	30.7	22.0	33.0
92	19.6	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.043 ng
RT: 8.457 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:	225	Resp:	196802
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.0	75.0
227	63.5	50.2	75.4

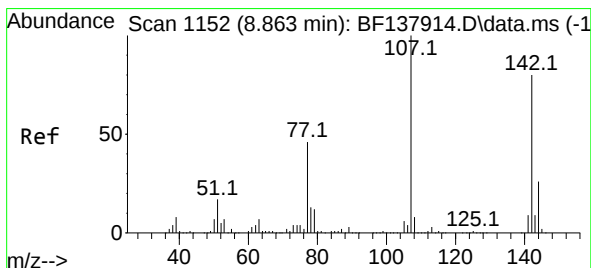
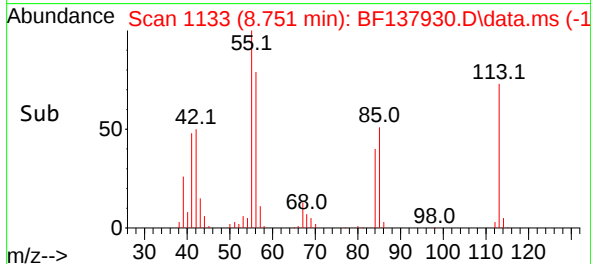
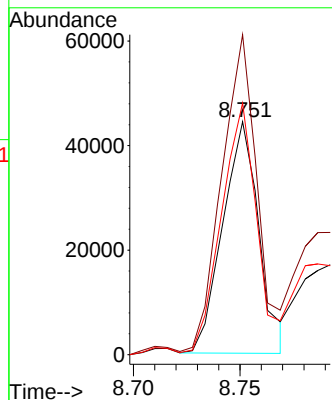
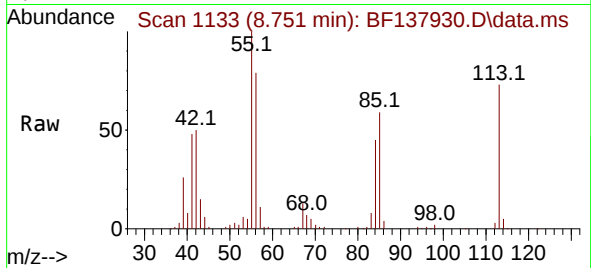




#35
 Caprolactam
 Concen: 27.158 ng
 RT: 8.751 min Scan# 1133
 Delta R.T. -0.012 min
 Lab File: BF137930.D
 Acq: 17 May 2024 14:22

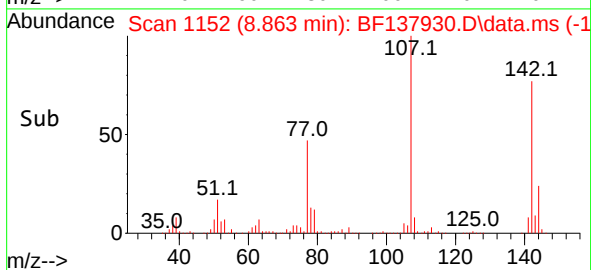
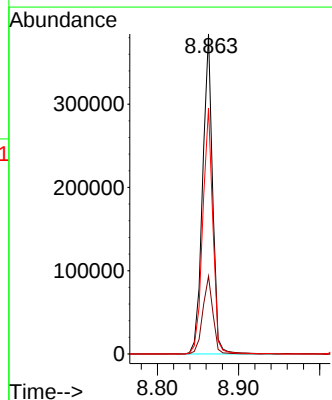
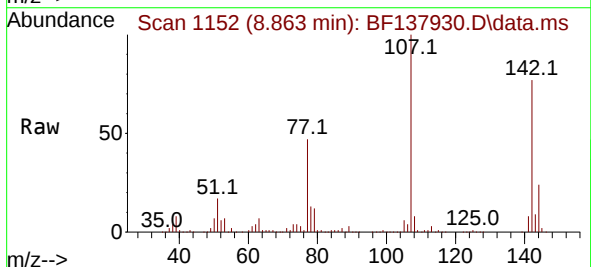
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPKMMSD

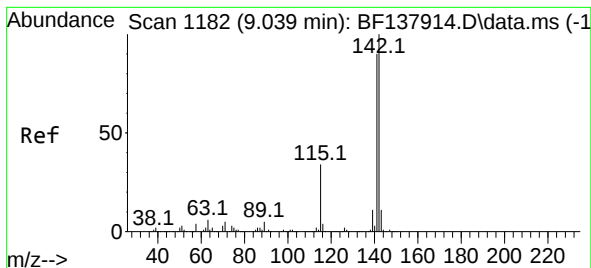
Tgt Ion:113 Resp: 52116
 Ion Ratio Lower Upper
 113 100
 55 137.4 112.3 152.3
 56 108.0 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.767 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. 0.000 min
 Lab File: BF137930.D
 Acq: 17 May 2024 14:22

Tgt Ion:107 Resp: 328594
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.7 31.1
 142 76.8 64.0 96.0





#37

2-Methylnaphthalene

Concen: 45.875 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

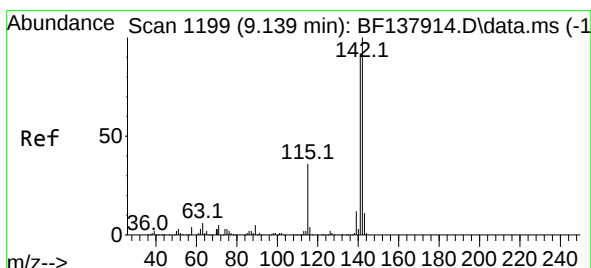
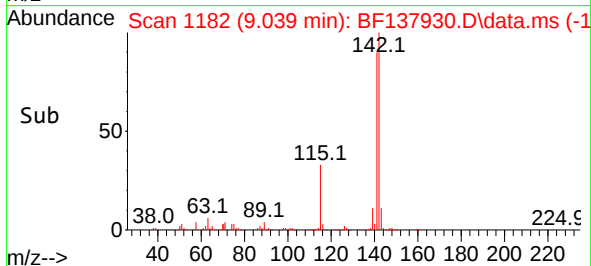
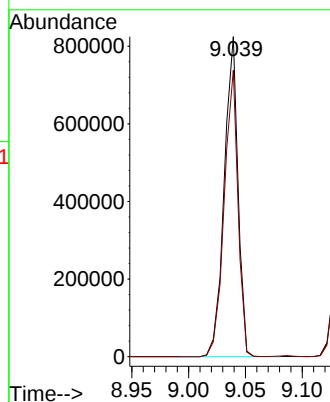
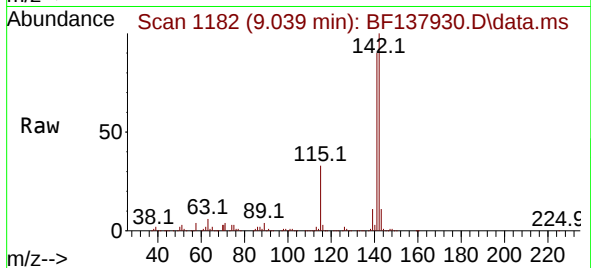
WCS-TPKMSD

Tgt Ion:142 Resp: 700324

Ion Ratio Lower Upper

142 100

141 89.5 72.0 108.0



#38

1-Methylnaphthalene

Concen: 43.275 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF137930.D

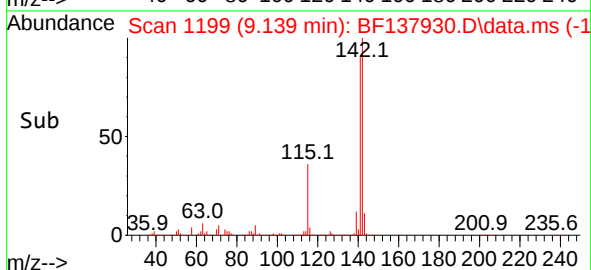
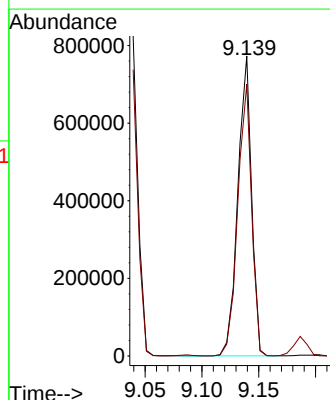
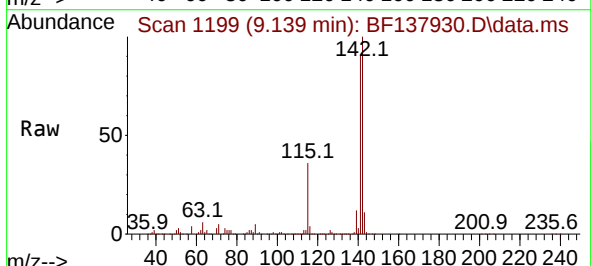
Acq: 17 May 2024 14:22

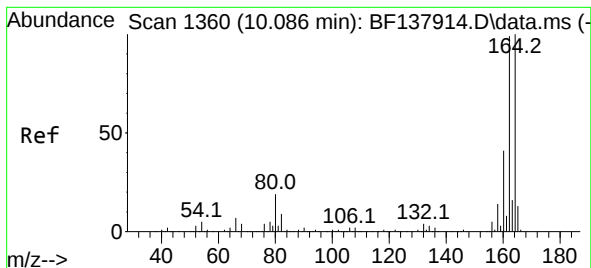
Tgt Ion:142 Resp: 649467

Ion Ratio Lower Upper

142 100

141 90.6 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMSD

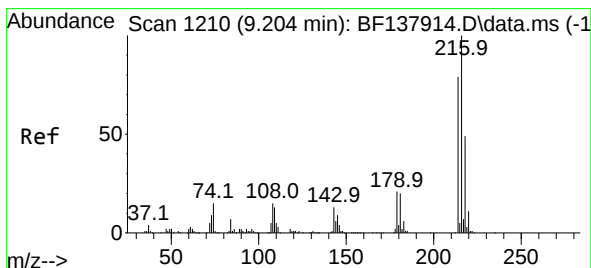
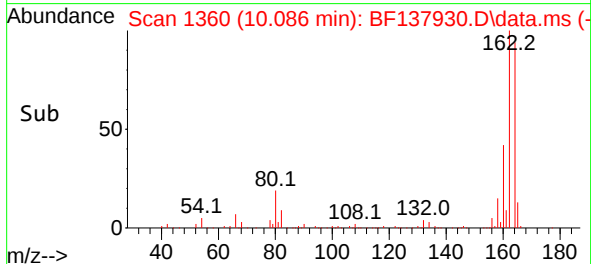
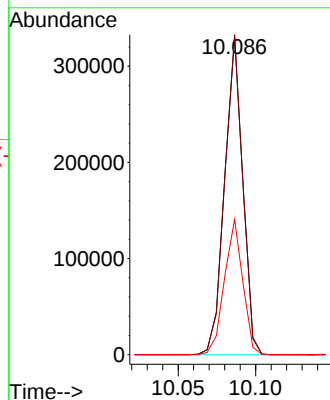
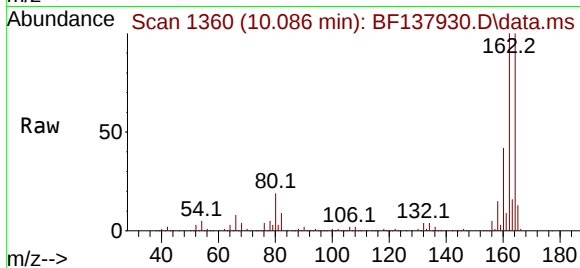
Tgt Ion:164 Resp: 268359

Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.2

160 42.5 33.1 49.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.787 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Tgt Ion:216 Resp: 334050

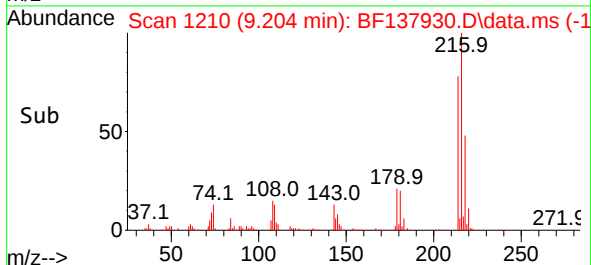
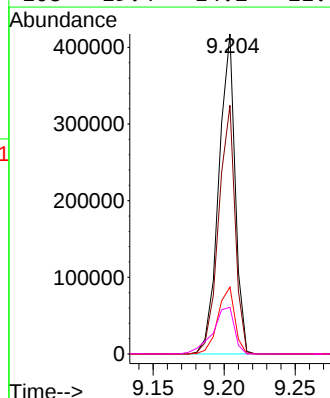
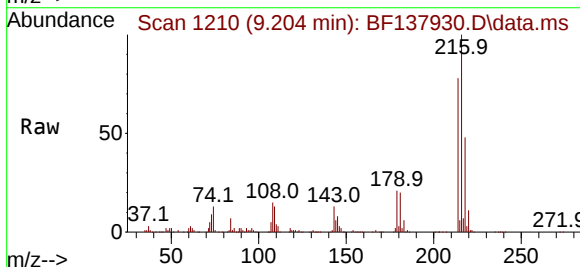
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.2

179 21.6 17.0 25.4

108 19.4 14.2 21.4

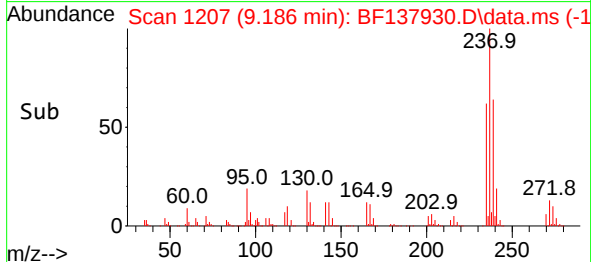
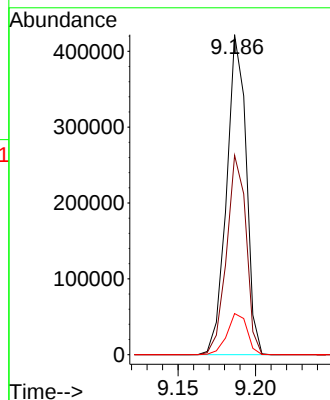
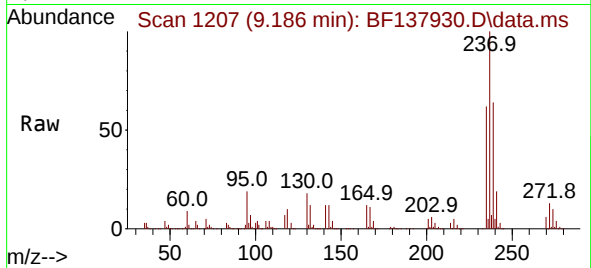




#41
Hexachlorocyclopentadiene
Concen: 133.849 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

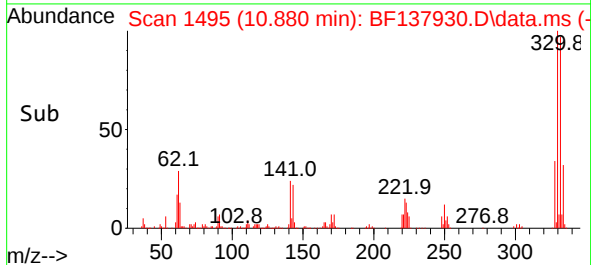
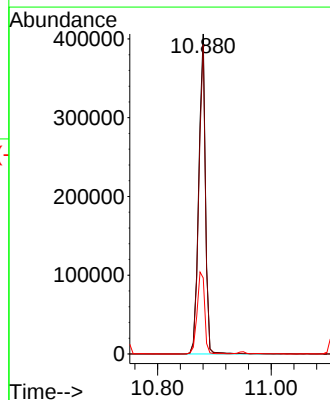
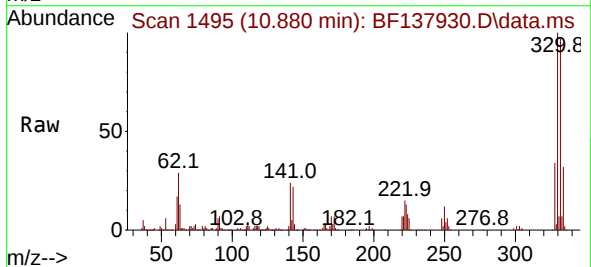
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMMSD

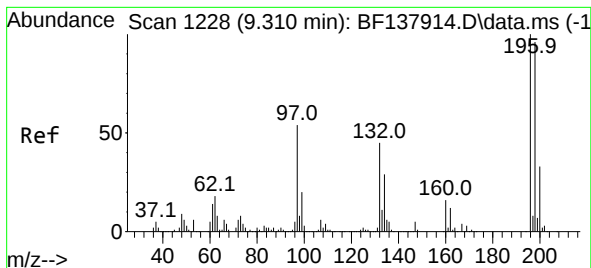
Tgt Ion:237 Resp: 371053
Ion Ratio Lower Upper
237 100
235 62.3 42.8 82.8
272 12.9 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 123.430 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:330 Resp: 333984
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.8
141 29.0 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 47.593 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMSD

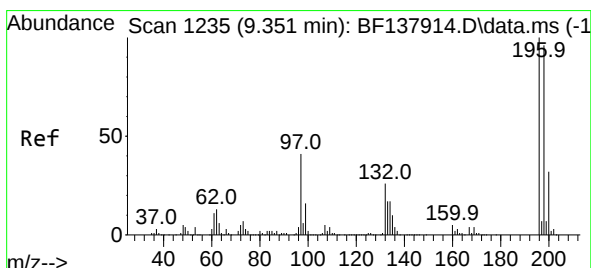
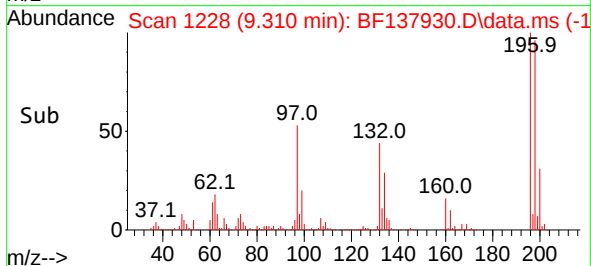
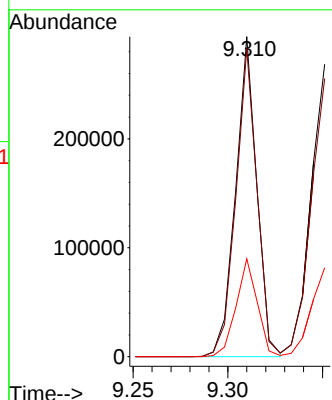
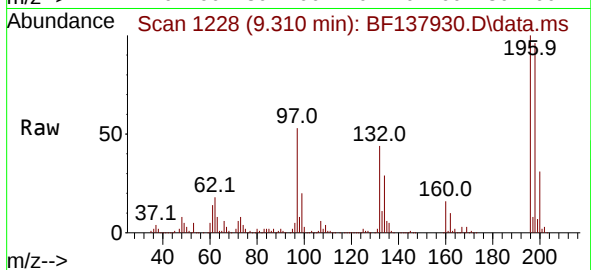
Tgt Ion:196 Resp: 227662

Ion Ratio Lower Upper

196 100

198 96.3 77.0 115.4

200 30.6 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 47.005 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Tgt Ion:196 Resp: 246025

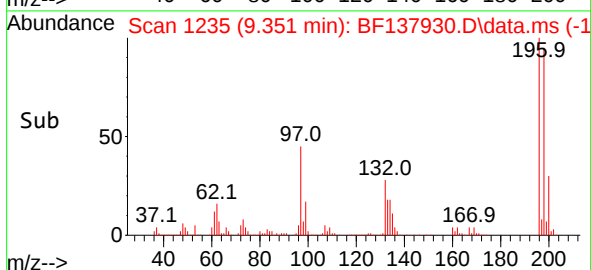
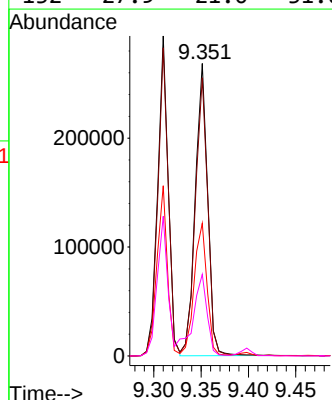
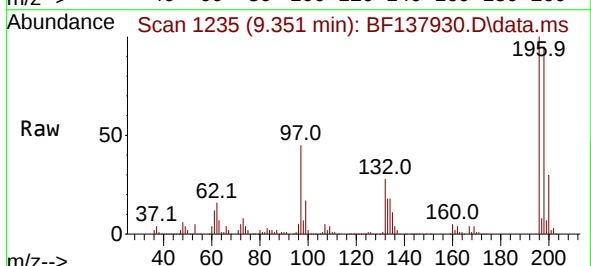
Ion Ratio Lower Upper

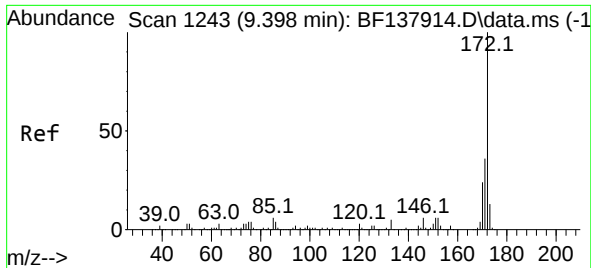
196 100

198 95.1 77.4 116.0

97 45.4 32.9 49.3

132 27.9 21.0 31.6

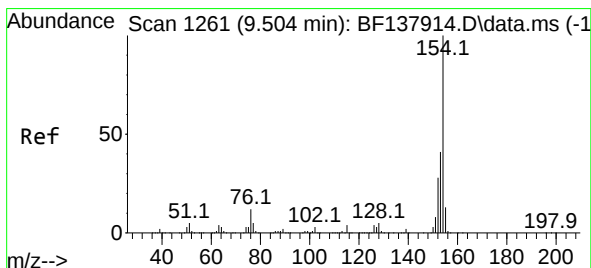
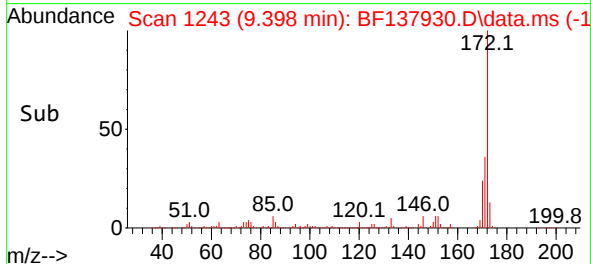
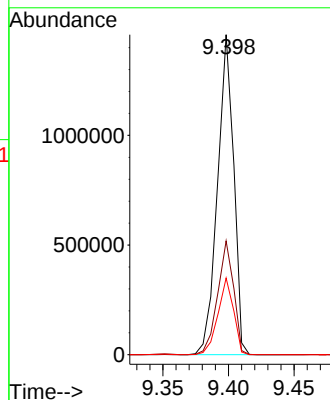
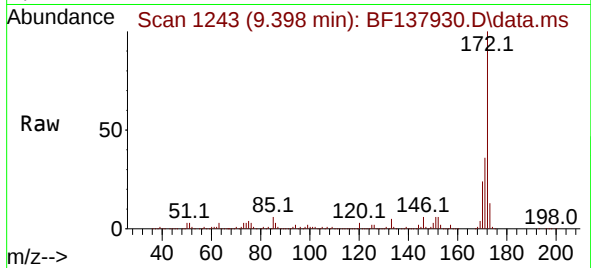




#45
2-Fluorobiphenyl
Concen: 71.697 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

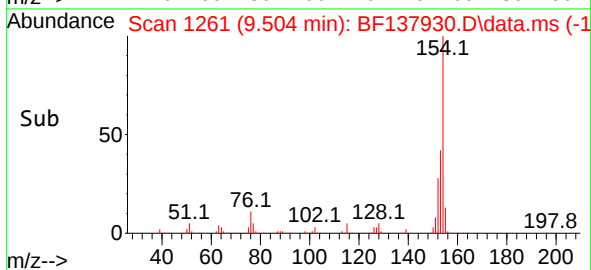
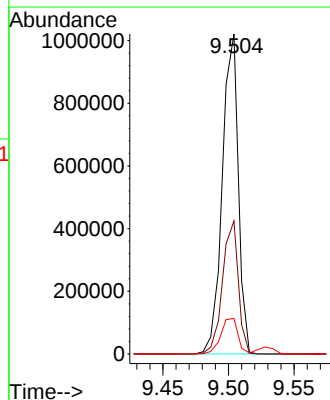
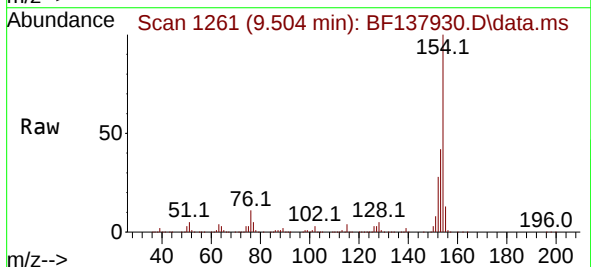
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMSD

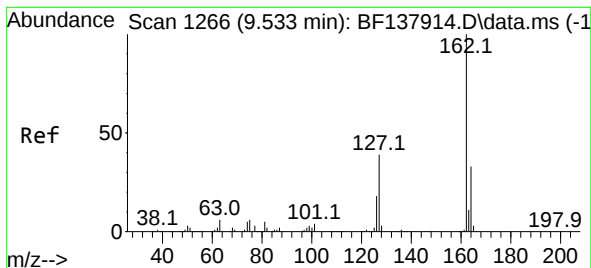
Tgt Ion:172 Resp: 1249071
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.885 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:154 Resp: 863671
Ion Ratio Lower Upper
154 100
153 41.6 21.3 61.3
76 11.1 0.0 31.9





#47

2-Chloronaphthalene

Concen: 44.498 ng

RT: 9.528 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMSD

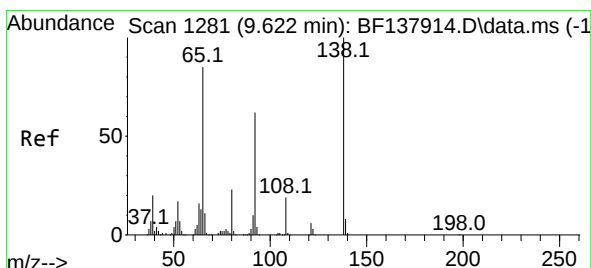
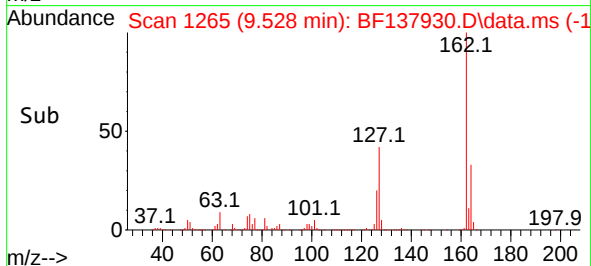
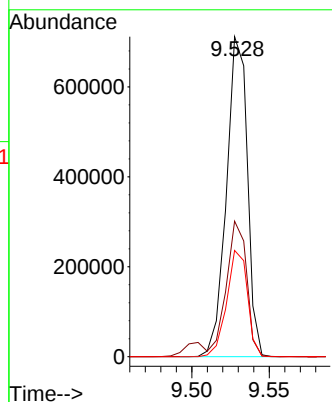
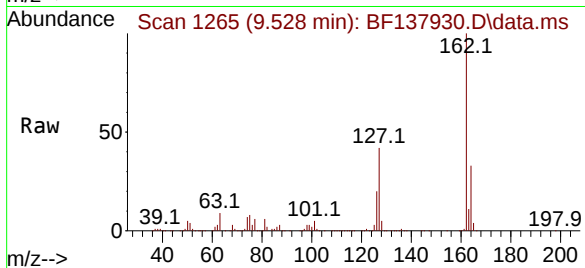
Tgt Ion:162 Resp: 668587

Ion Ratio Lower Upper

162 100

127 42.3 32.0 48.0

164 33.2 26.2 39.4



#48

2-Nitroaniline

Concen: 49.061 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

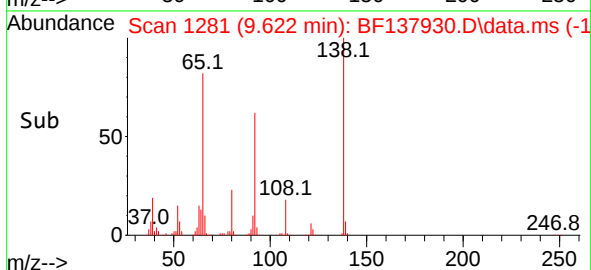
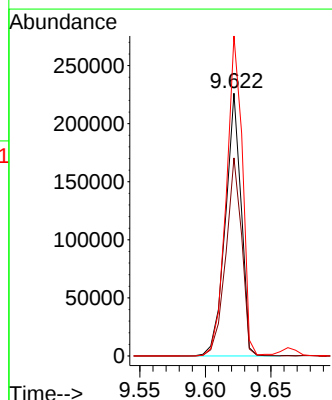
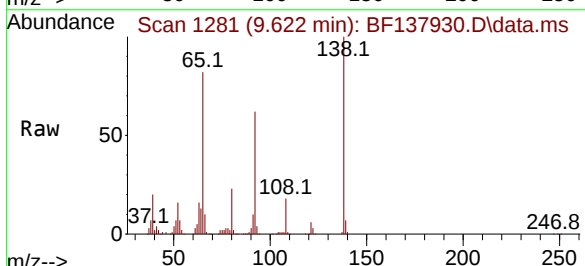
Tgt Ion: 65 Resp: 188765

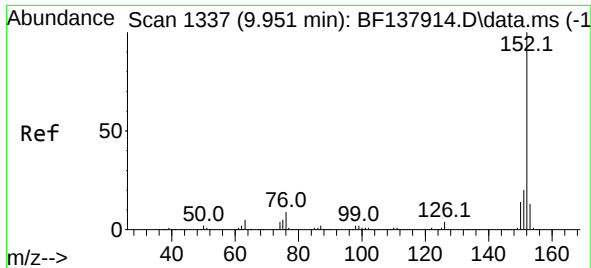
Ion Ratio Lower Upper

65 100

92 75.4 58.6 88.0

138 121.8 94.1 141.1

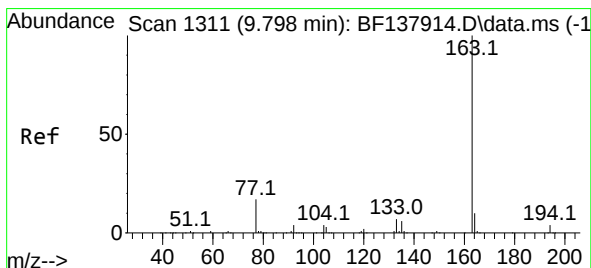
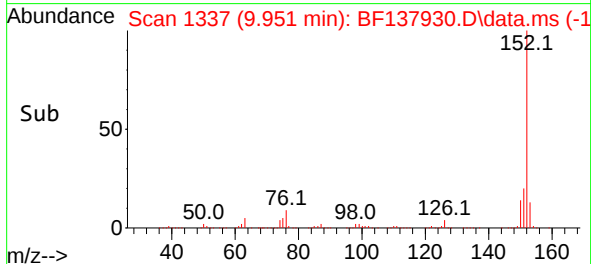
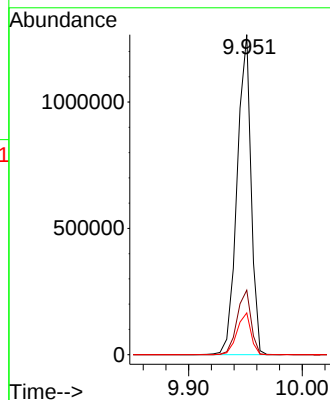
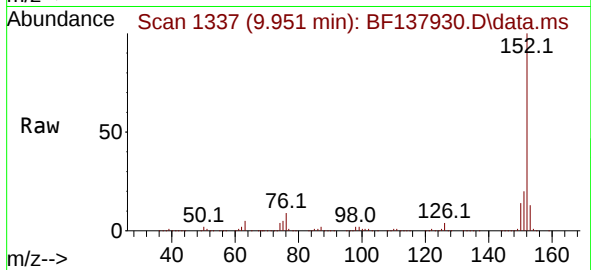




#49
Acenaphthylene
Concen: 49.683 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

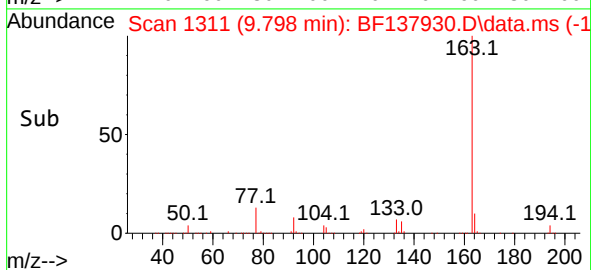
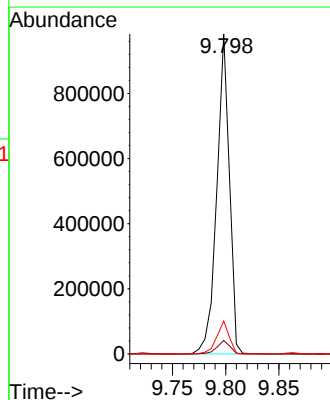
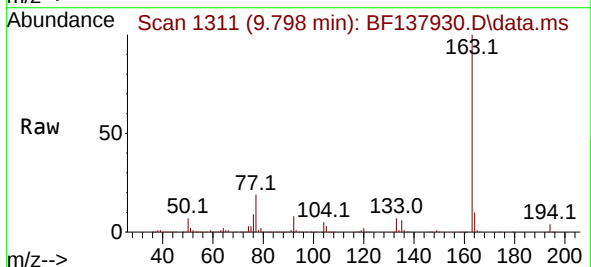
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMMSD

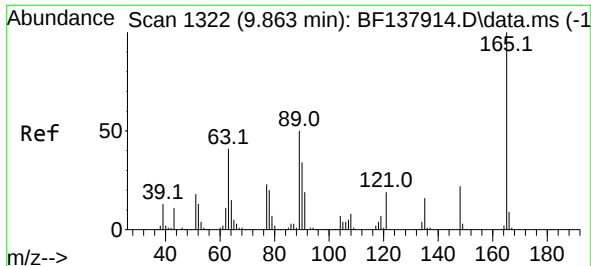
Tgt Ion:152 Resp: 1073374
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.0 10.2 15.4



#50
Dimethylphthalate
Concen: 47.841 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:163 Resp: 805077
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.0 12.0

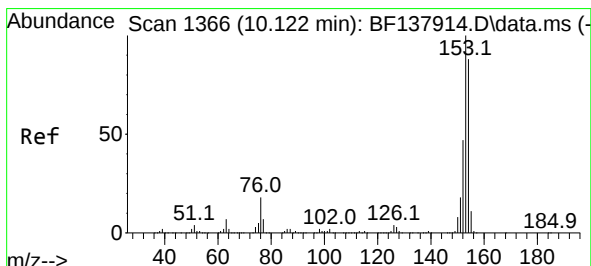
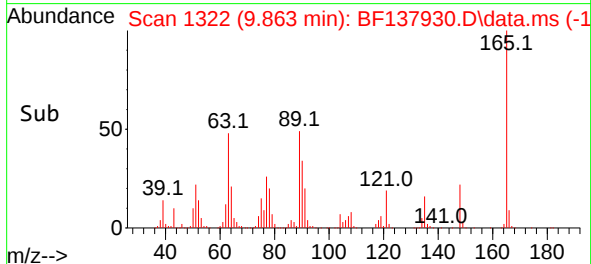
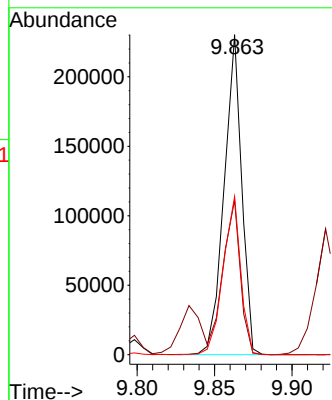
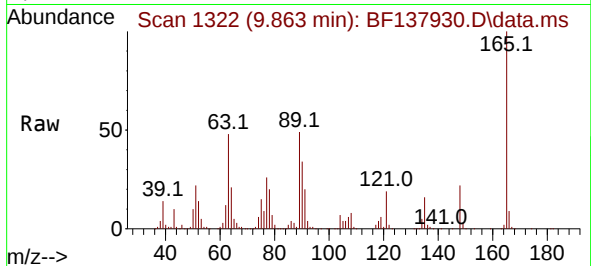




#51
2,6-Dinitrotoluene
Concen: 46.998 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

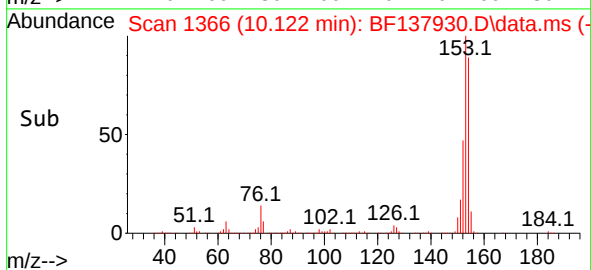
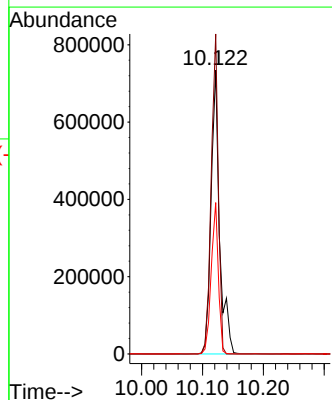
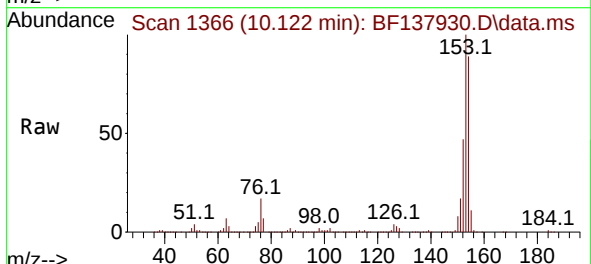
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMSD

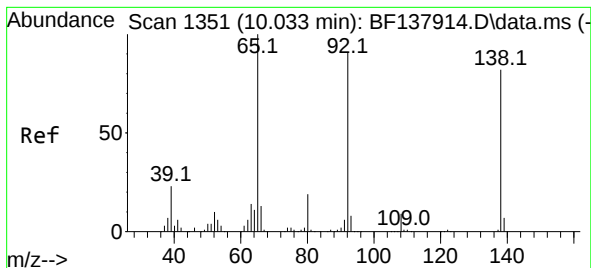
Tgt Ion:165 Resp: 181520
Ion Ratio Lower Upper
165 100
63 48.2 38.9 58.3
89 49.4 40.4 60.6



#52
Acenaphthene
Concen: 50.362 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:154 Resp: 719131
Ion Ratio Lower Upper
154 100
153 112.7 90.4 135.6
152 53.3 42.3 63.5

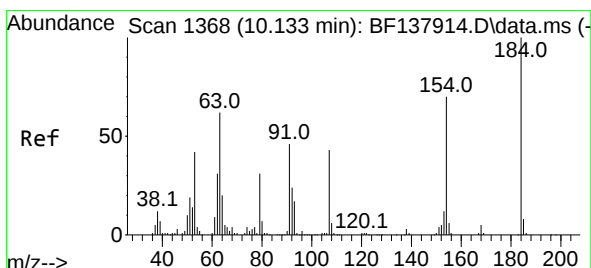
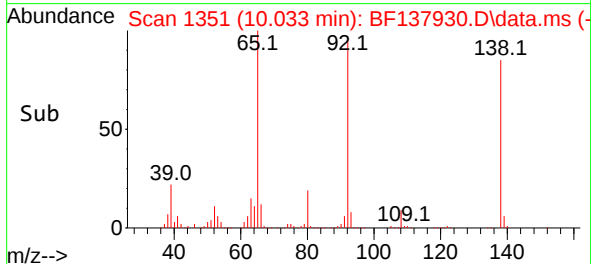
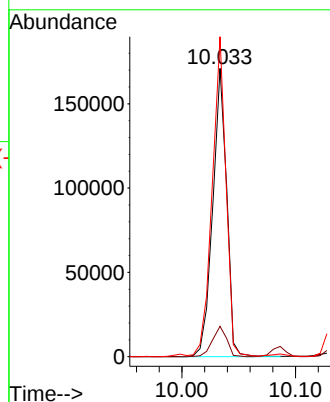
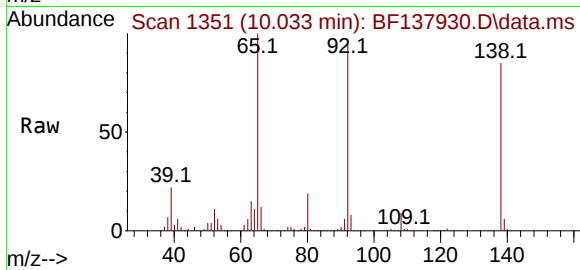




#53
3-Nitroaniline
Concen: 38.599 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

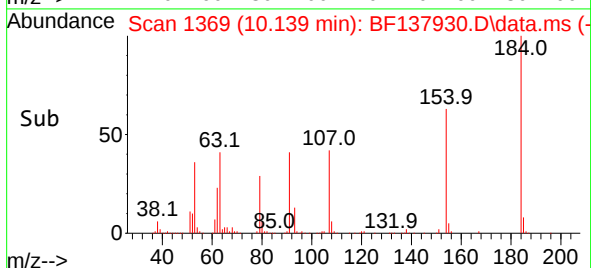
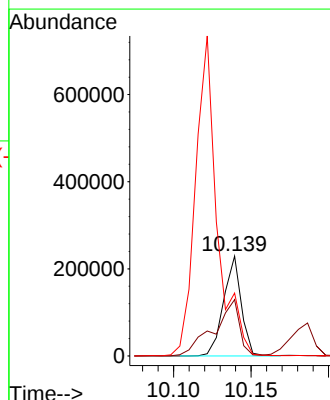
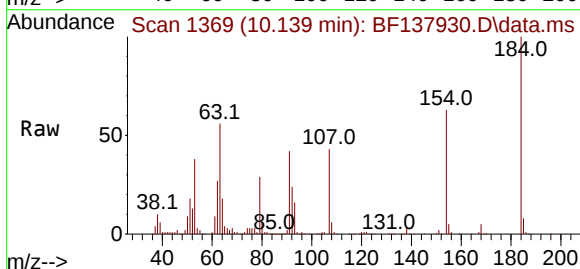
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMSD

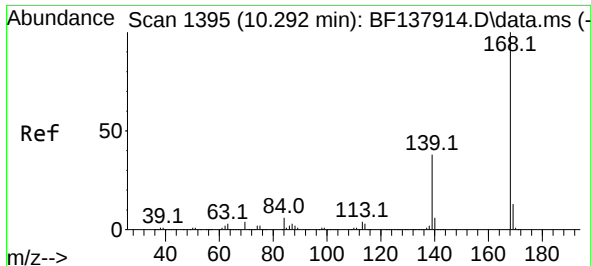
Tgt Ion:138 Resp: 145745
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 111.0 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 86.780 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:184 Resp: 182423
Ion Ratio Lower Upper
184 100
63 56.4 50.4 75.6
154 62.9 63.7 95.5#

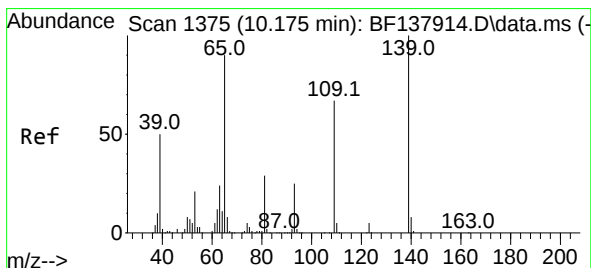
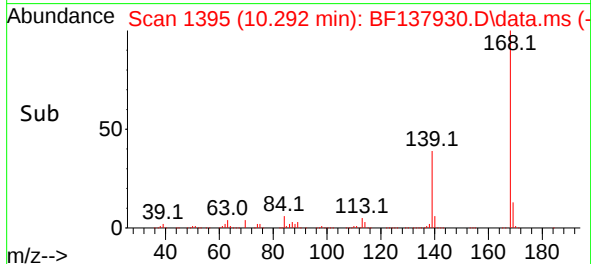
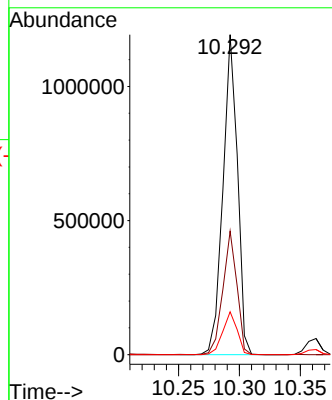
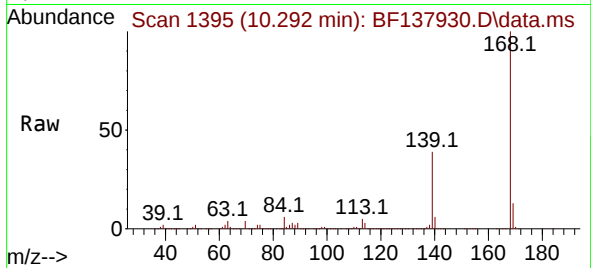




#55
Dibenzenofuran
Concen: 47.514 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

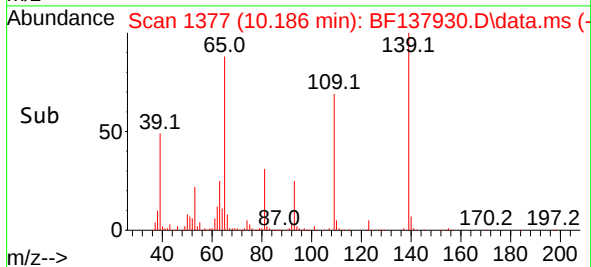
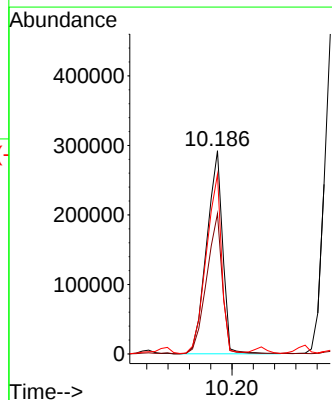
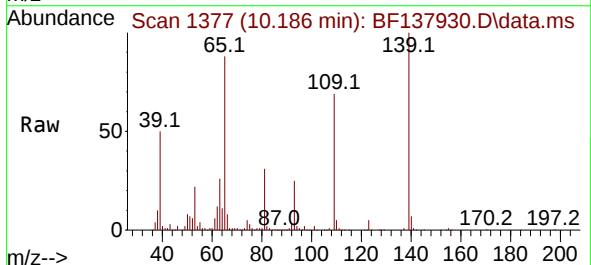
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMDS

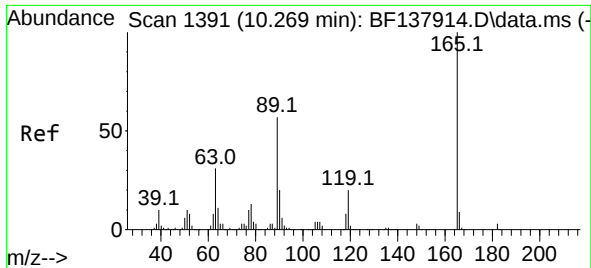
Tgt Ion:168 Resp: 987405
Ion Ratio Lower Upper
168 100
139 38.6 30.4 45.6
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 112.293 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:139 Resp: 304528
Ion Ratio Lower Upper
139 100
109 69.1 46.5 86.5
65 88.5 70.4 110.4

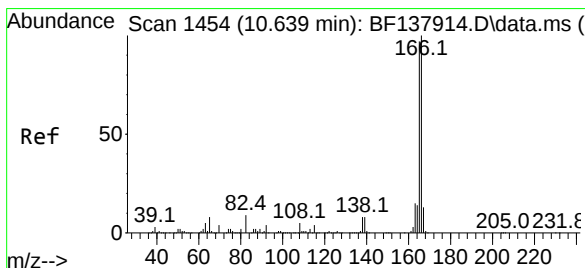
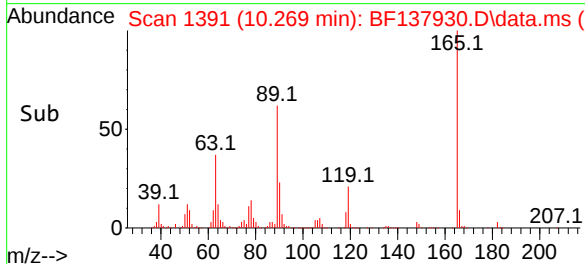
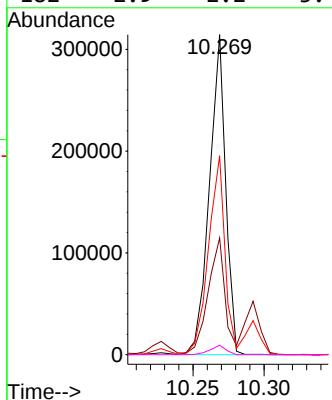
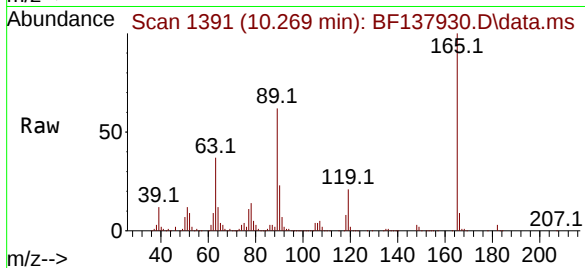




#57
2,4-Dinitrotoluene
Concen: 50.354 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

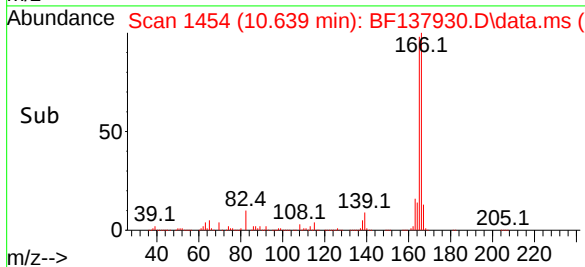
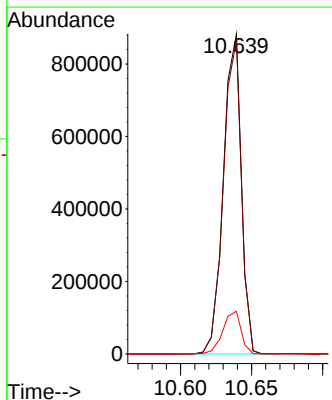
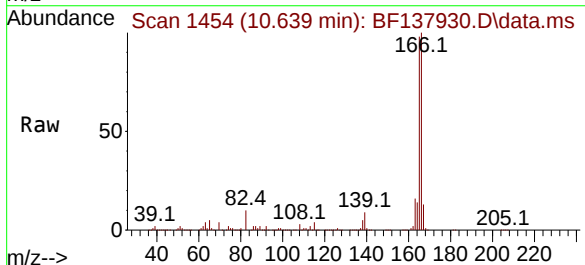
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMSD

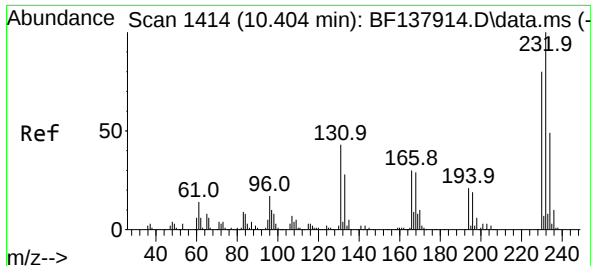
Tgt Ion:165	Resp:	251423
Ion	Ratio	Lower Upper
165	100	
63	36.5	25.3 37.9
89	62.2	45.9 68.9
182	2.9	2.2 3.4



#58
Fluorene
Concen: 46.966 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:166	Resp:	771981
Ion	Ratio	Lower Upper
166	100	
165	98.0	77.8 116.8
167	13.3	10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.975 ng

RT: 10.404 min Scan# 1414

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMSD

Tgt Ion:232 Resp: 205486

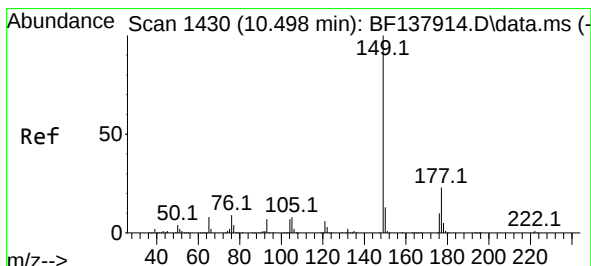
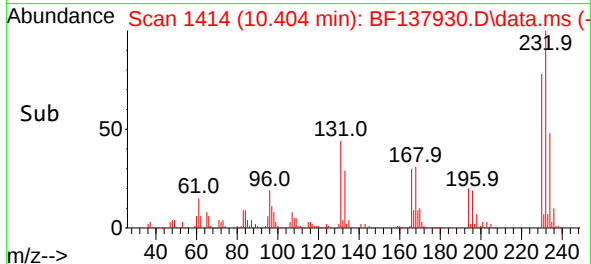
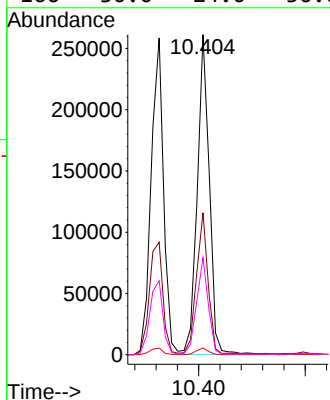
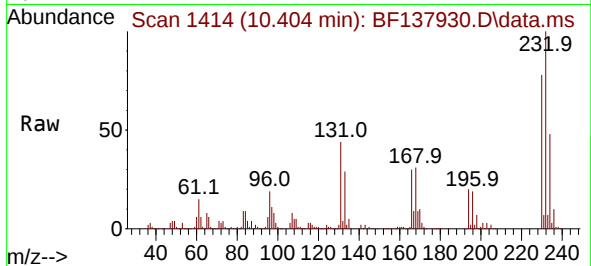
Ion Ratio Lower Upper

232 100

131 43.0 34.4 51.6

130 2.1 1.7 2.5

166 30.0 24.0 36.0



#60

Diethylphthalate

Concen: 49.141 ng

RT: 10.498 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

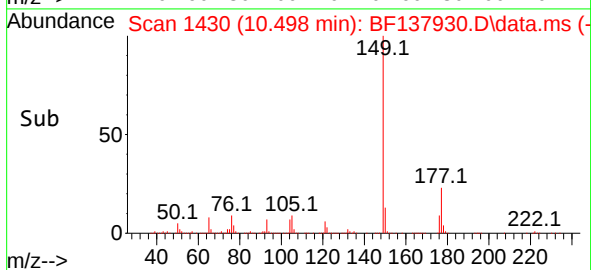
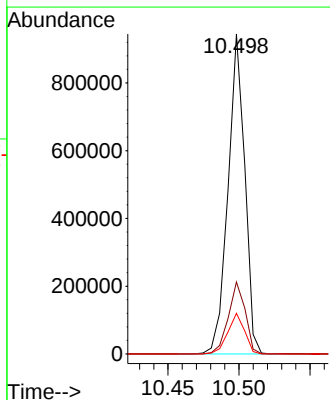
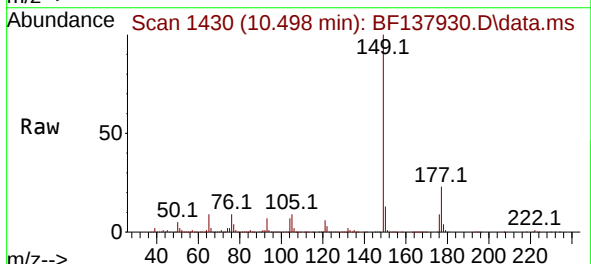
Tgt Ion:149 Resp: 772332

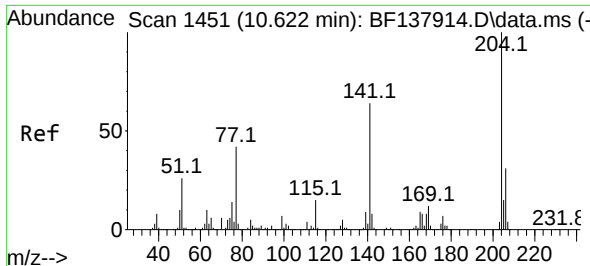
Ion Ratio Lower Upper

149 100

177 22.5 18.4 27.6

150 12.7 10.1 15.1

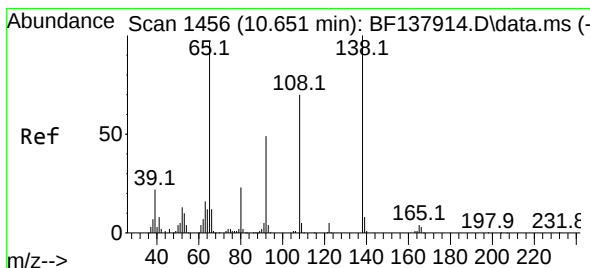
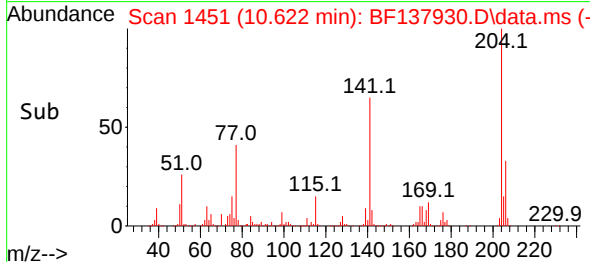
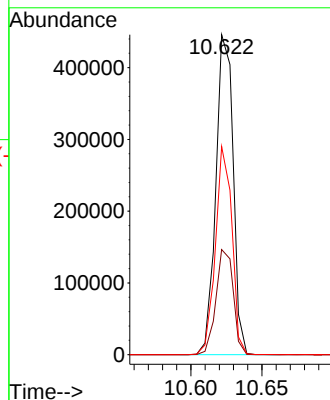
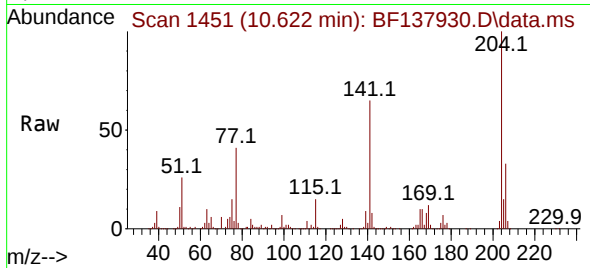




#61
4-Chlorophenyl-phenylether
Concen: 46.541 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

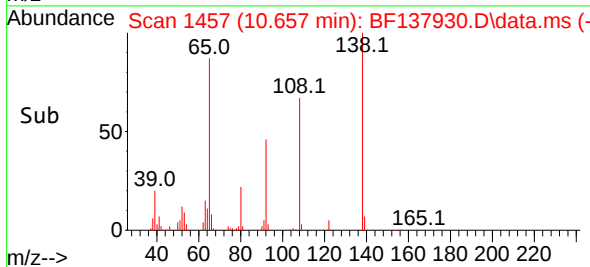
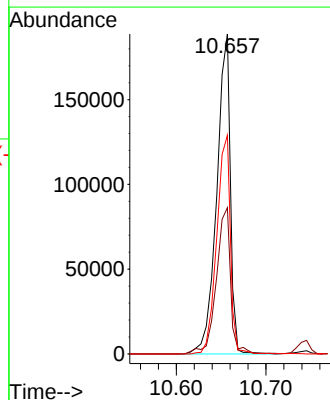
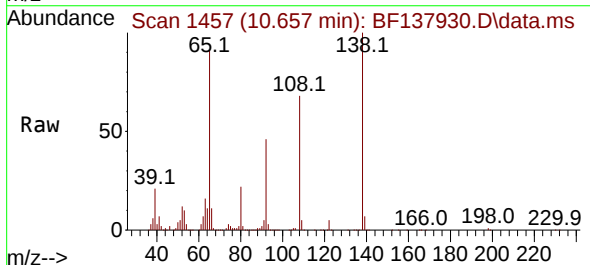
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMSD

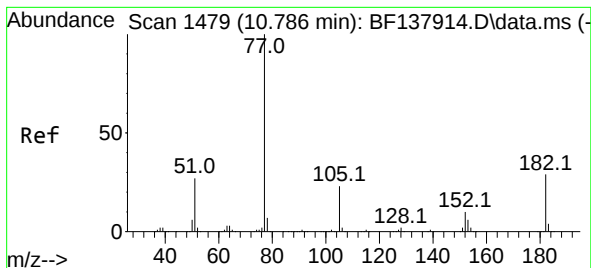
Tgt Ion:204 Resp: 377257
Ion Ratio Lower Upper
204 100
206 32.9 25.1 37.7
141 65.1 51.0 76.6



#62
4-Nitroaniline
Concen: 55.566 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:138 Resp: 198996
Ion Ratio Lower Upper
138 100
92 45.7 29.0 69.0
108 68.4 49.7 89.7





#63

Azobenzene

Concen: 49.302 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMSD

Tgt Ion: 77 Resp: 704811

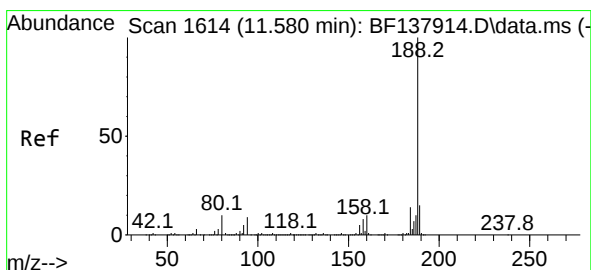
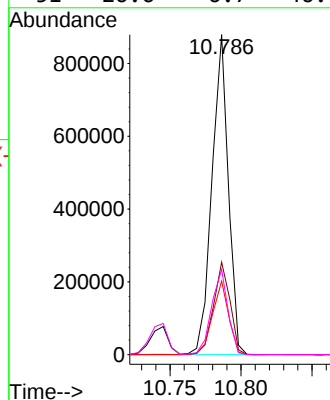
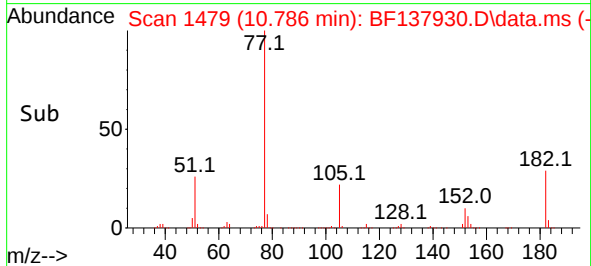
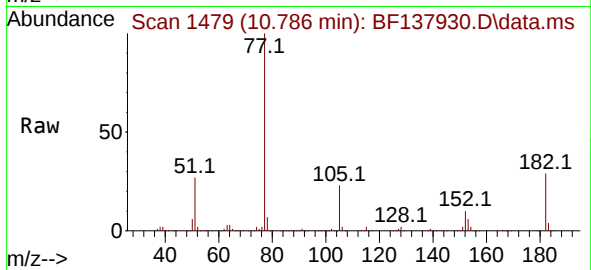
Ion Ratio Lower Upper

77 100

182 28.9 9.2 49.2

105 23.0 3.1 43.1

51 26.6 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

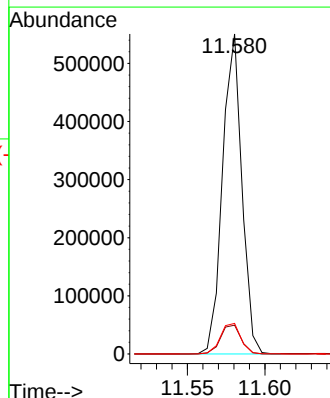
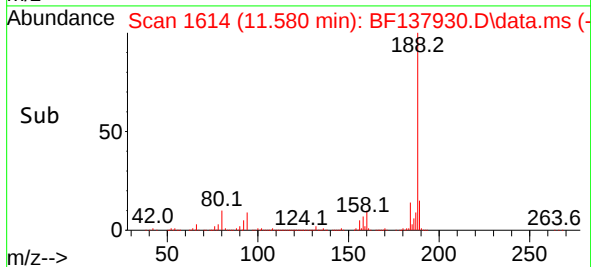
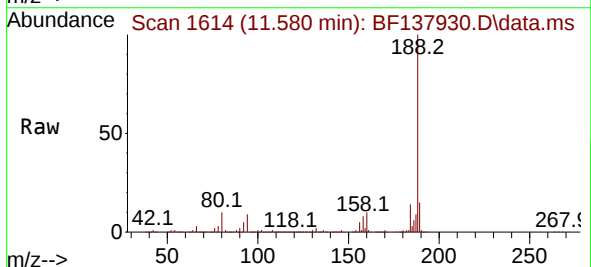
Tgt Ion:188 Resp: 476853

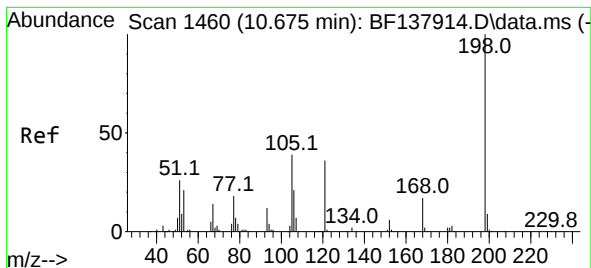
Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

80 9.6 7.7 11.5

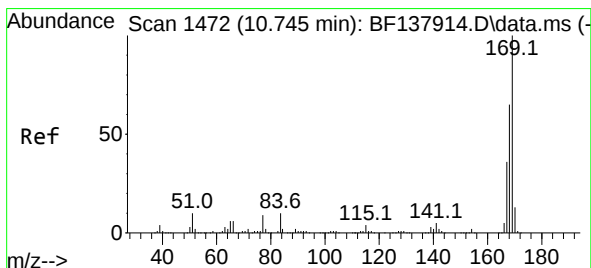
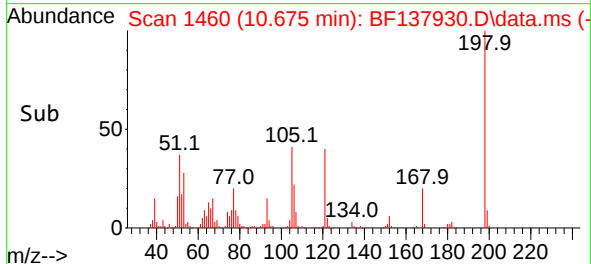
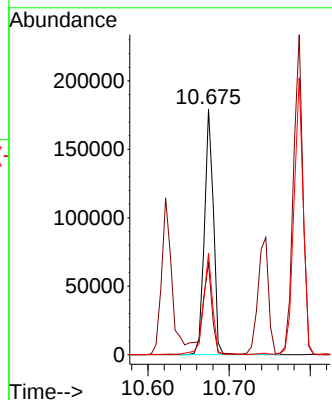
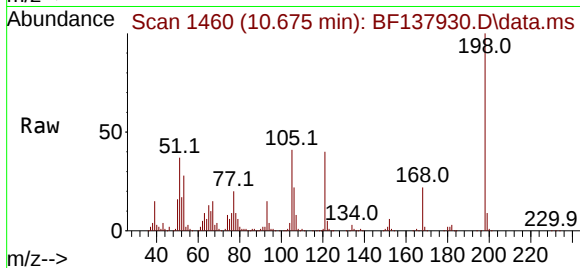




#65
4,6-Dinitro-2-methylphenol
Concen: 50.197 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

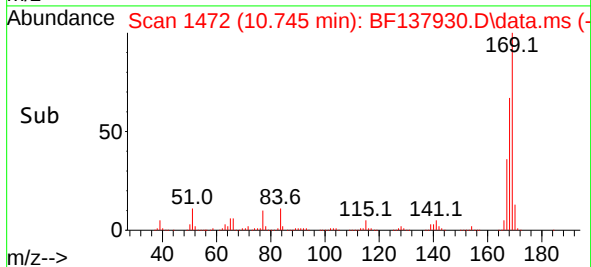
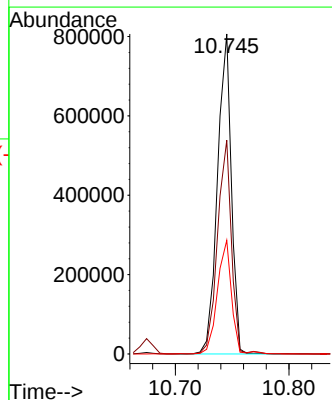
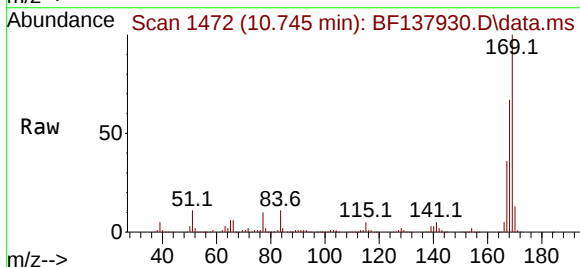
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMSD

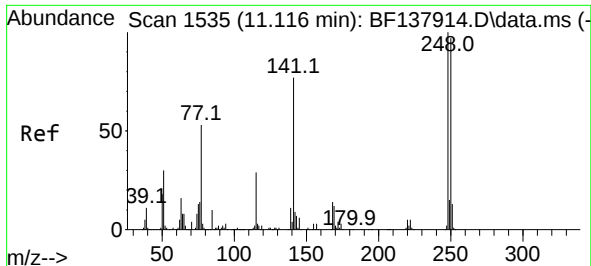
Tgt Ion:198 Resp: 138210
Ion Ratio Lower Upper
198 100
51 37.4 13.8 53.8
105 41.3 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 46.865 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:169 Resp: 685330
Ion Ratio Lower Upper
169 100
168 66.8 52.4 78.6
167 35.5 28.9 43.3

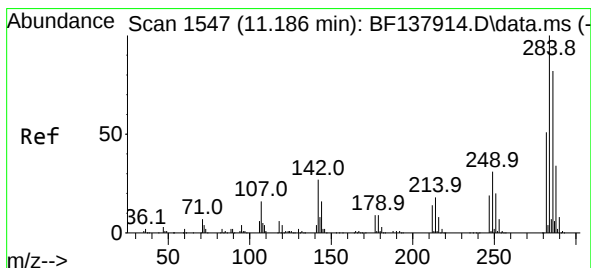
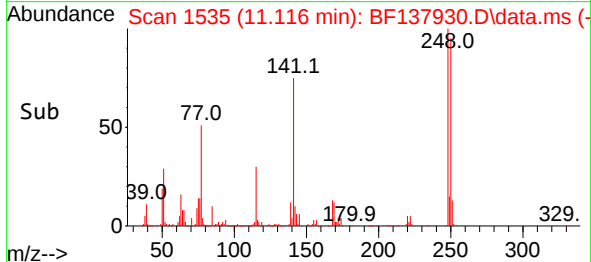
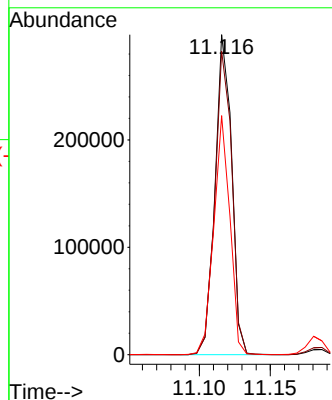
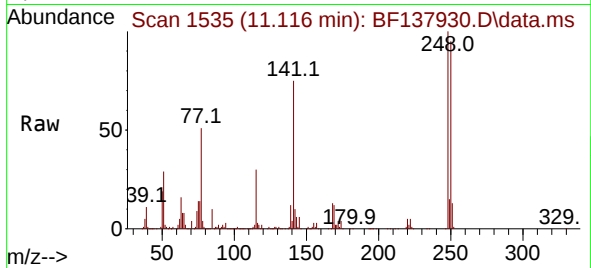




#67
4-Bromophenyl-phenylether
Concen: 46.600 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

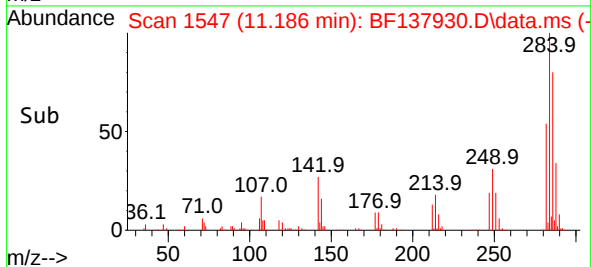
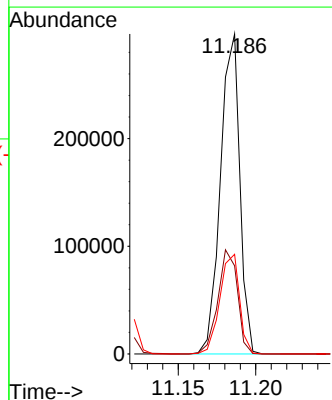
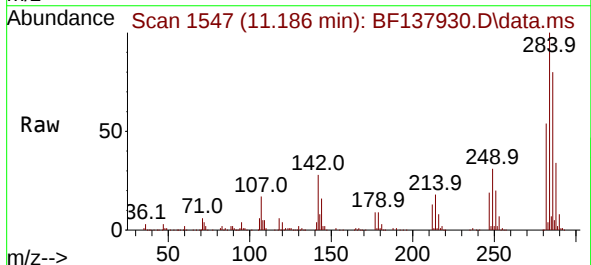
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMSD

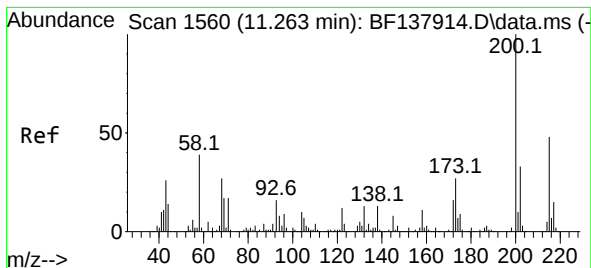
Tgt Ion:248 Resp: 243607
Ion Ratio Lower Upper
248 100
250 94.9 77.6 116.4
141 74.7 61.4 92.2



#68
Hexachlorobenzene
Concen: 44.602 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:284 Resp: 257739
Ion Ratio Lower Upper
284 100
142 27.6 21.3 31.9
249 31.1 24.6 37.0





#69

Atrazine

Concen: 58.563 ng

RT: 11.269 min Scan# 1560

Delta R.T. 0.006 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMSD

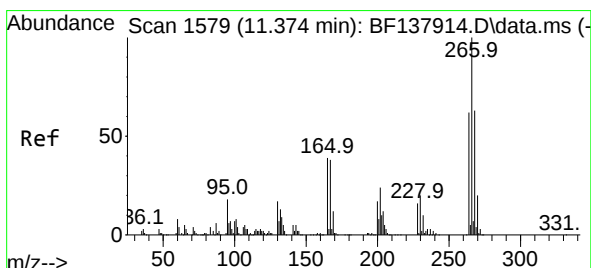
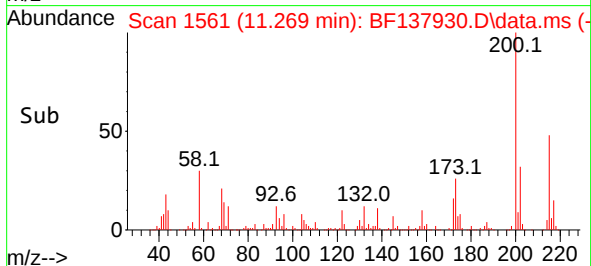
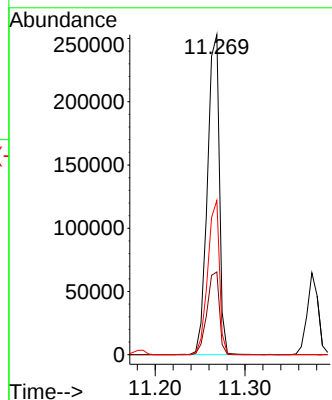
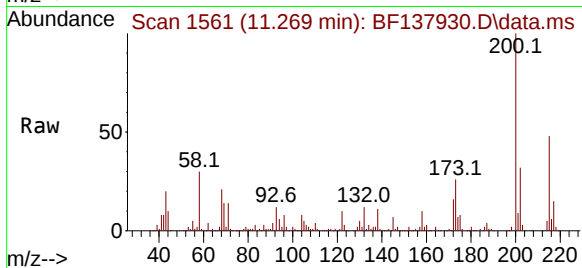
Tgt Ion:200 Resp: 233853

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

215 48.2 27.5 67.5



#70

Pentachlorophenol

Concen: 90.587 ng

RT: 11.375 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

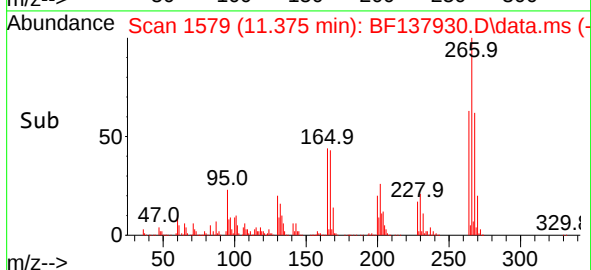
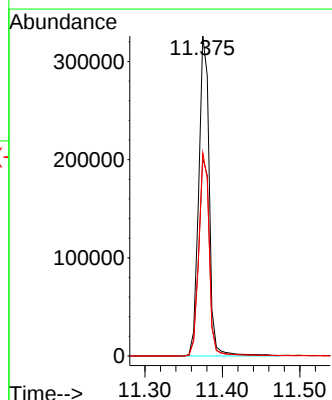
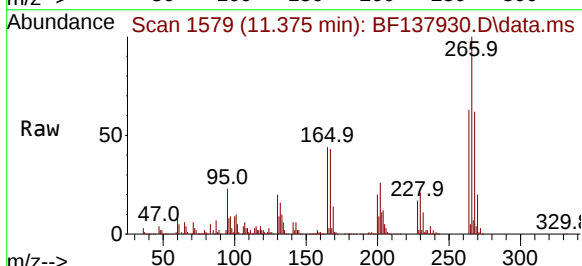
Tgt Ion:266 Resp: 306629

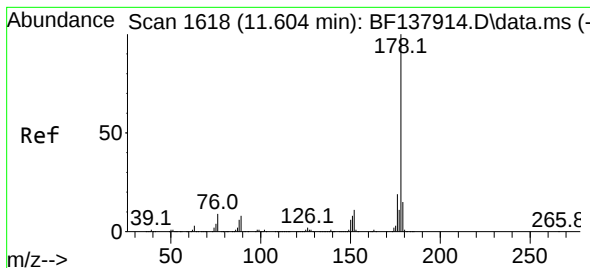
Ion Ratio Lower Upper

266 100

268 61.7 50.1 75.1

264 63.4 49.4 74.2





#71

Phenanthrene

Concen: 47.530 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMMSD

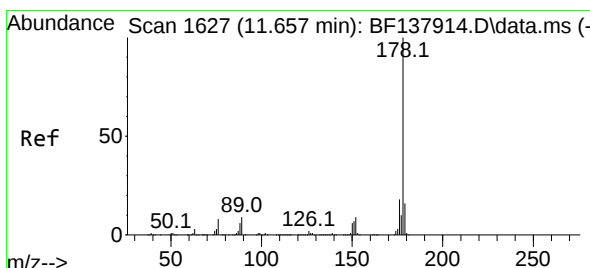
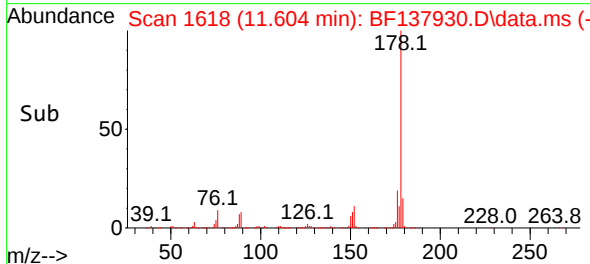
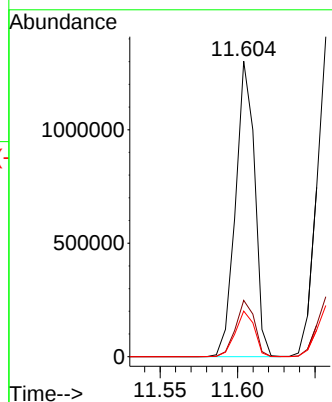
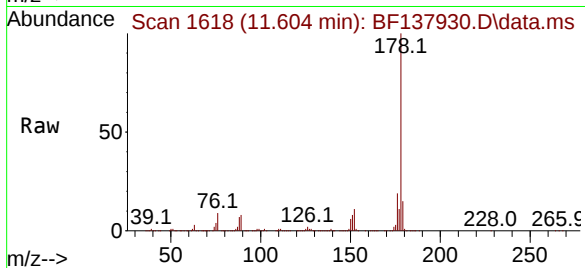
Tgt Ion:178 Resp: 1116894

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.4 12.2 18.4



#72

Anthracene

Concen: 48.790 ng

RT: 11.657 min Scan# 1627

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

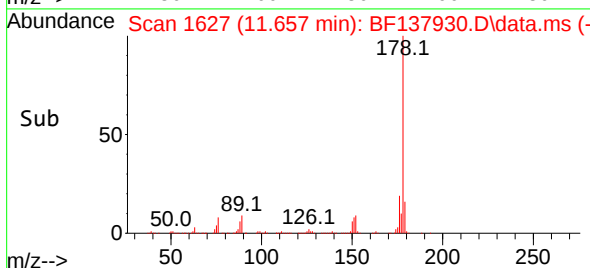
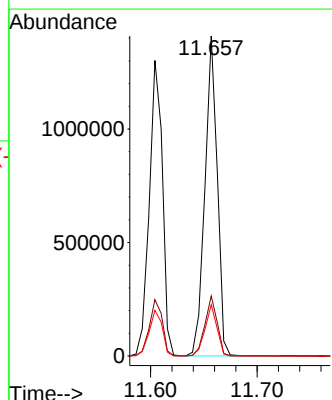
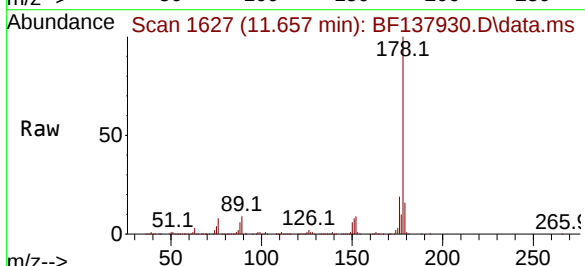
Tgt Ion:178 Resp: 1137545

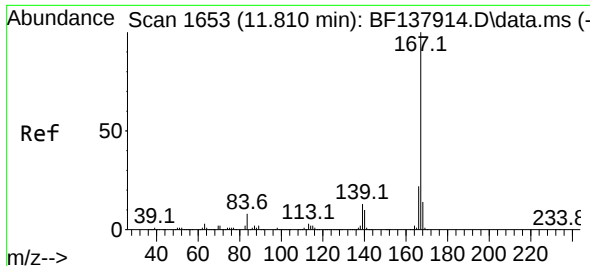
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 16.0 12.4 18.6



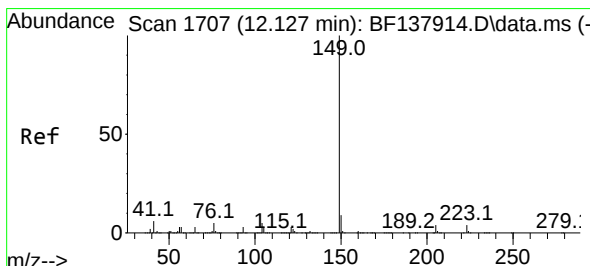
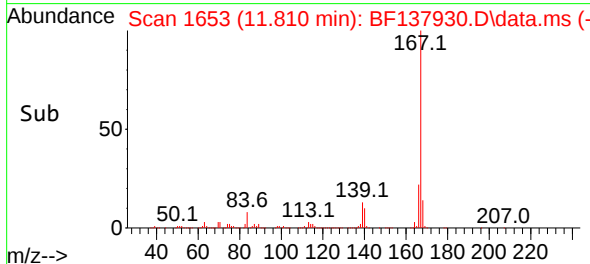
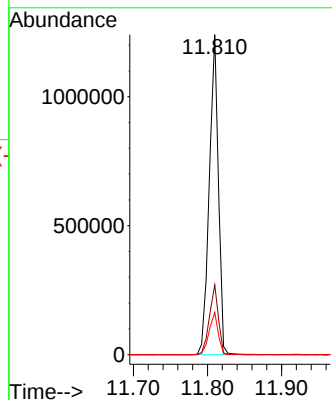
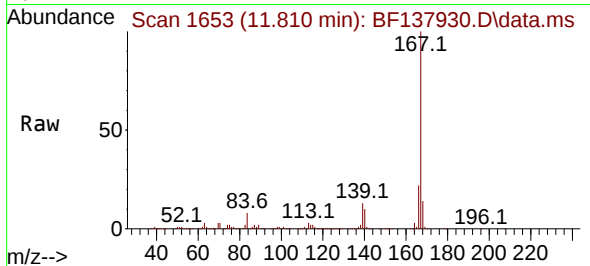


#73
 Carbazole
 Concen: 49.883 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF137930.D
 Acq: 17 May 2024 14:22

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPKMSD

Tgt Ion:167 Resp: 1062430

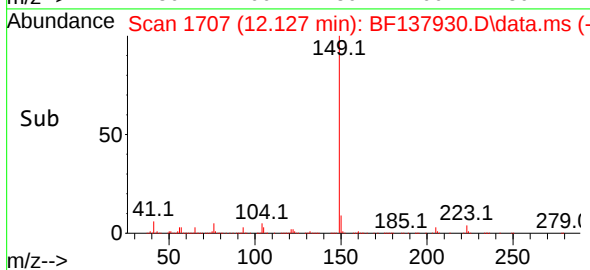
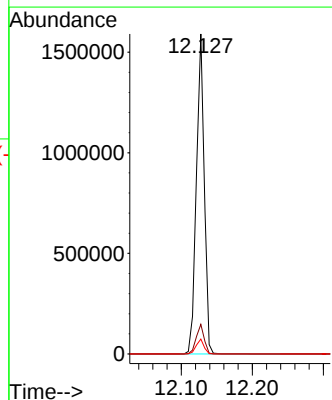
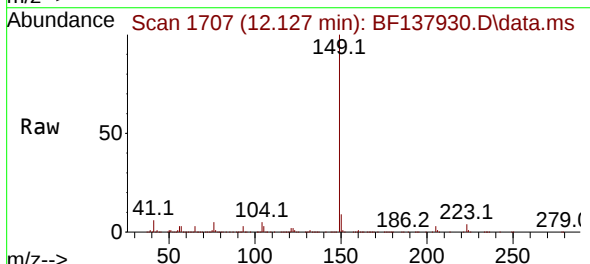
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	13.2	10.3	15.5

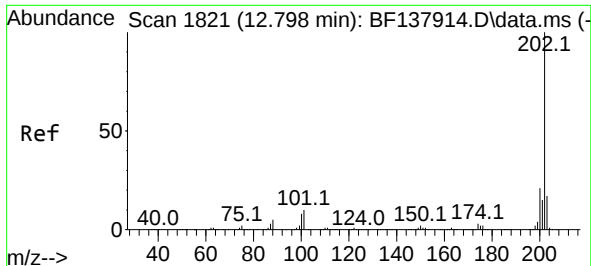


#74
 Di-n-butylphthalate
 Concen: 52.111 ng
 RT: 12.127 min Scan# 1707
 Delta R.T. 0.000 min
 Lab File: BF137930.D
 Acq: 17 May 2024 14:22

Tgt Ion:149 Resp: 1231731

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.7	3.6	5.4

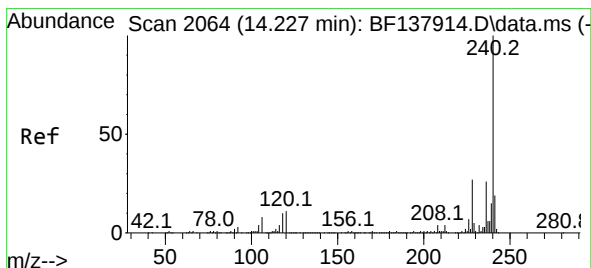
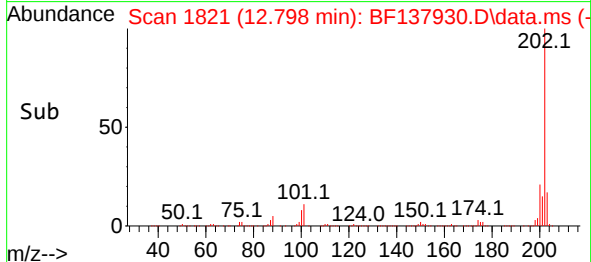
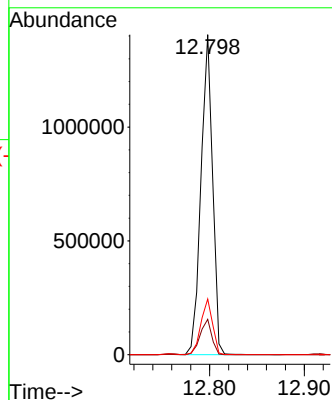
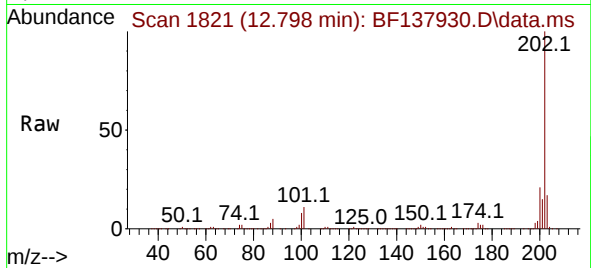




#75
Fluoranthene
Concen: 50.051 ng
RT: 12.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

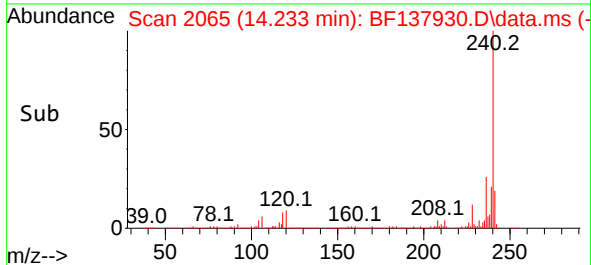
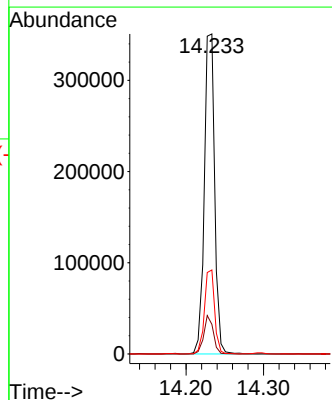
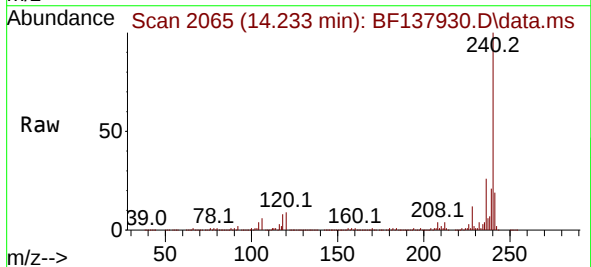
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMSD

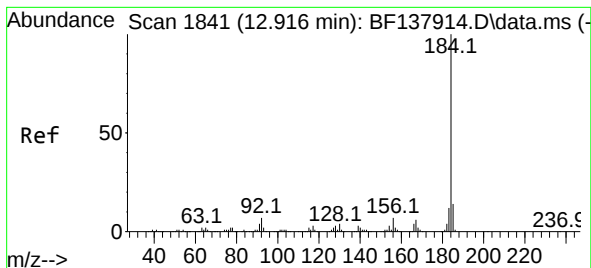
Tgt Ion:202 Resp: 1193798
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.5
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:240 Resp: 325911
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 26.3 21.0 31.4





#77

Benzidine

Concen: 110.768 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMSD

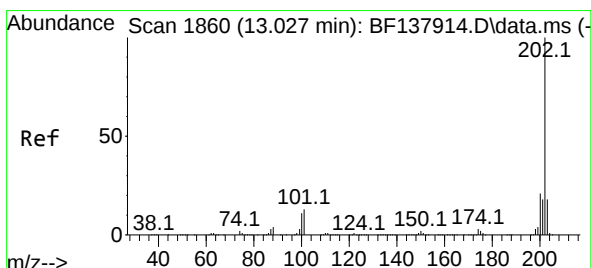
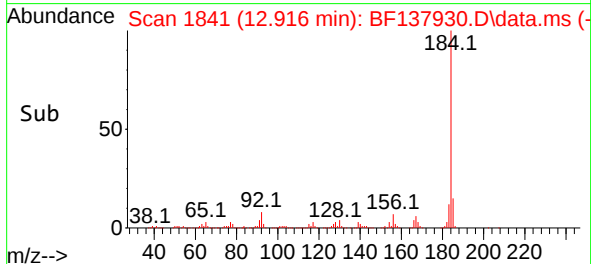
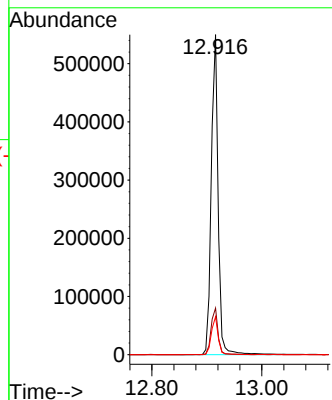
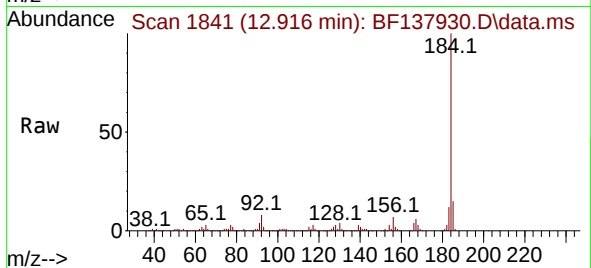
Tgt Ion:184 Resp: 471795

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.2

183 11.9 9.5 14.3



#78

Pyrene

Concen: 43.262 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

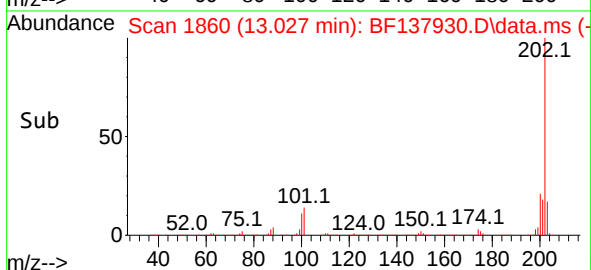
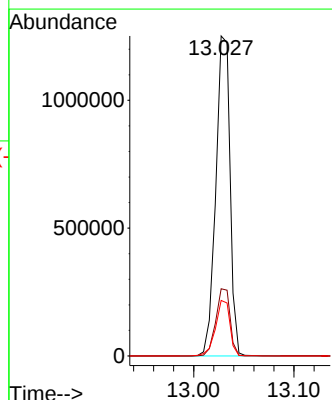
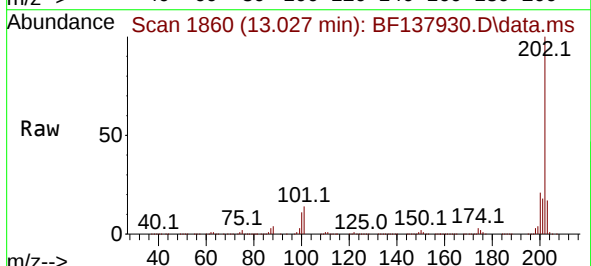
Tgt Ion:202 Resp: 1233214

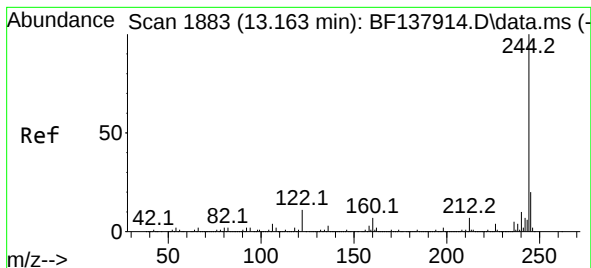
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 69.688 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMSD

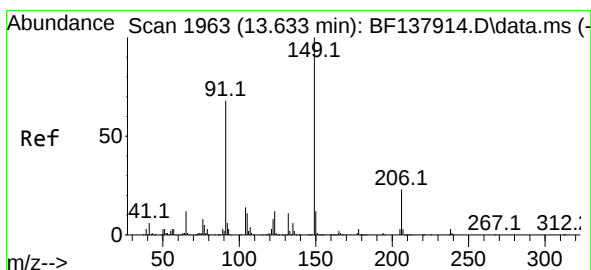
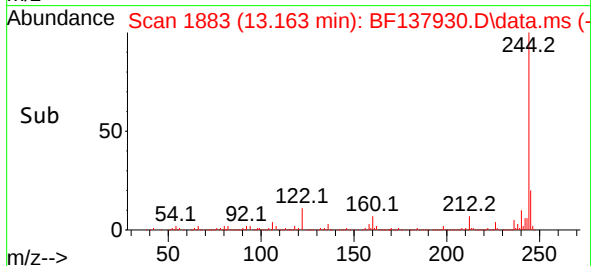
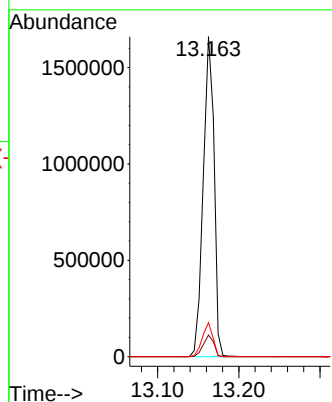
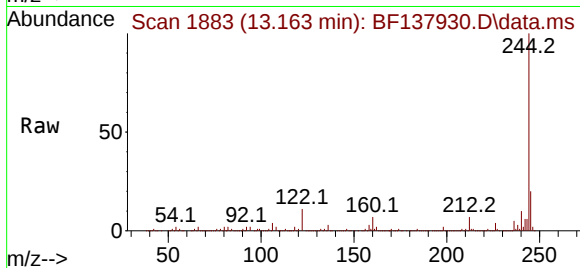
Tgt Ion:244 Resp: 1541064

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 54.607 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

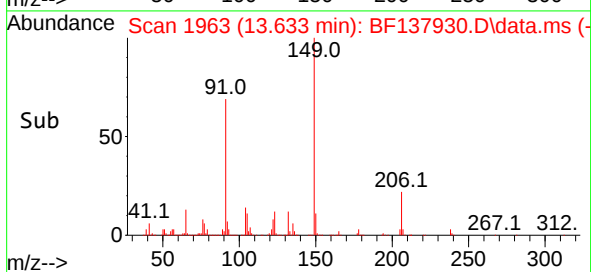
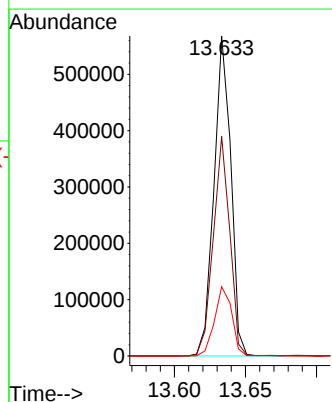
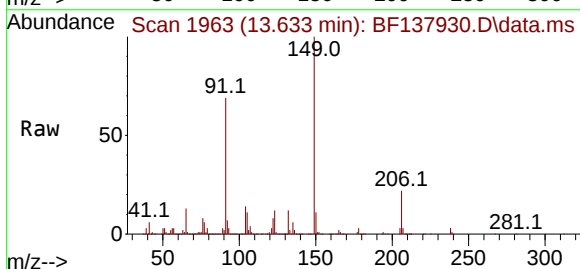
Tgt Ion:149 Resp: 469516

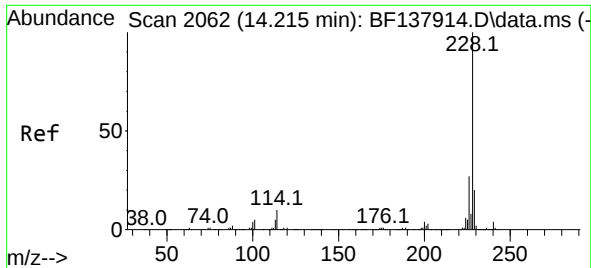
Ion Ratio Lower Upper

149 100

91 68.6 54.2 81.4

206 21.6 18.1 27.1

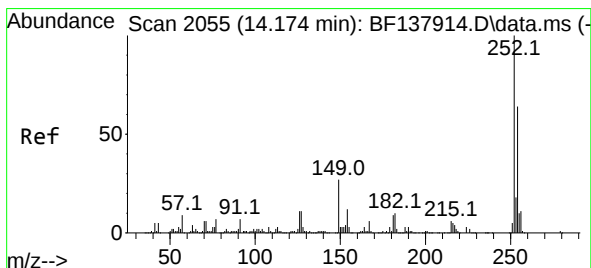
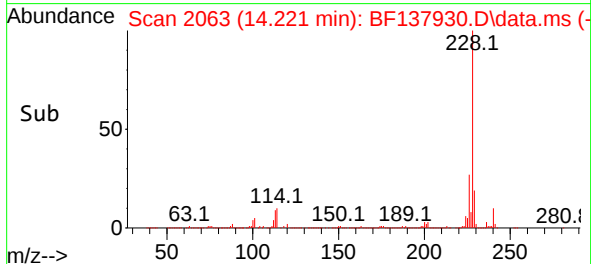
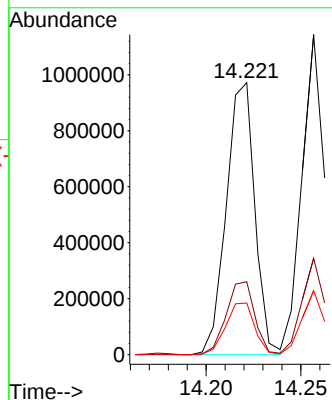
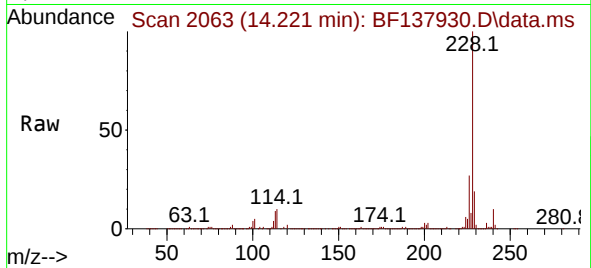




#81
Benzo(a)anthracene
Concen: 49.289 ng
RT: 14.221 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

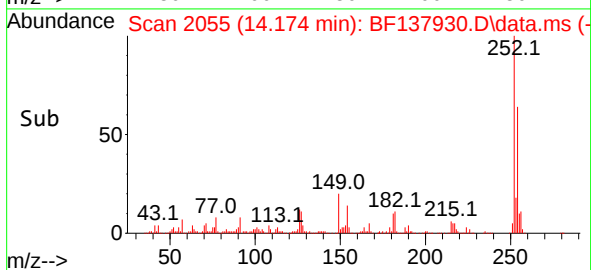
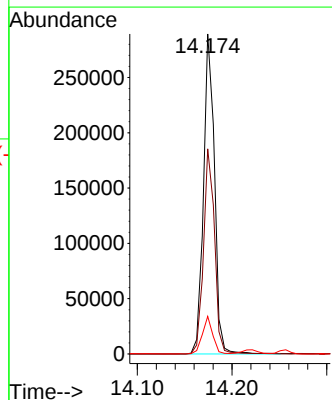
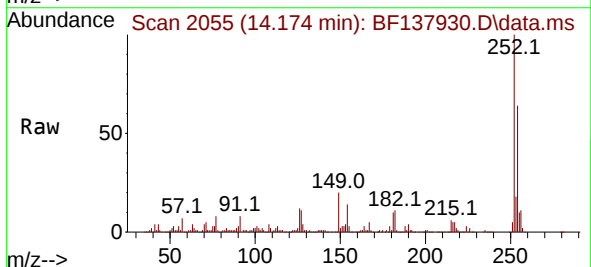
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMMSD

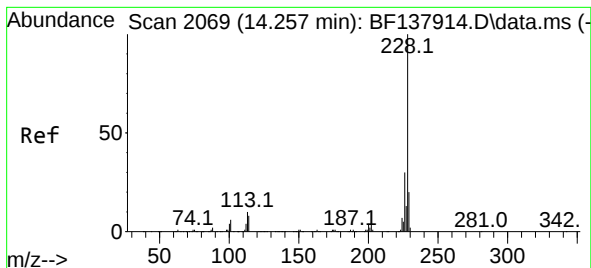
Tgt Ion:228 Resp: 1016292
Ion Ratio Lower Upper
228 100
226 26.9 21.3 31.9
229 19.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 40.983 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:252 Resp: 234183
Ion Ratio Lower Upper
252 100
254 64.1 51.2 76.8
126 11.8 8.7 13.1





#83

Chrysene

Concen: 47.876 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMSD

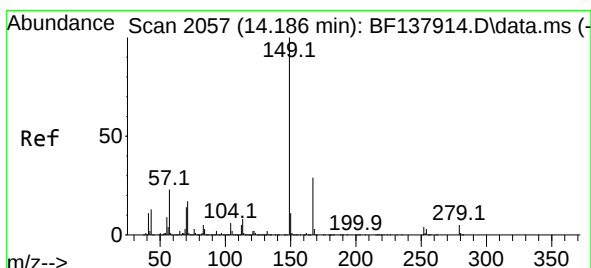
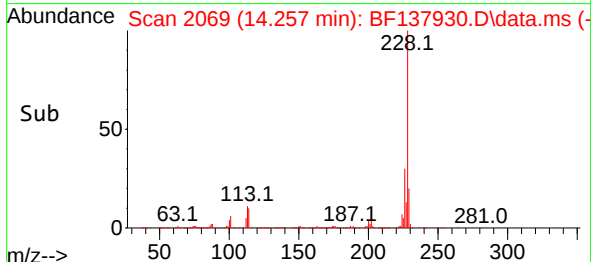
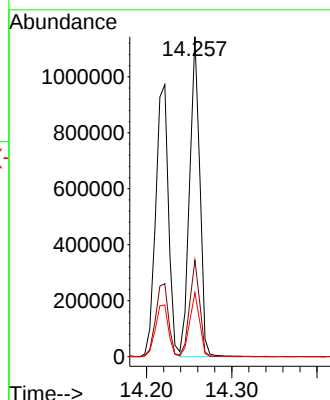
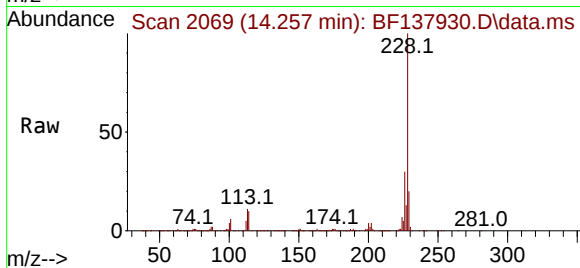
Tgt Ion:228 Resp: 944097

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.722 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

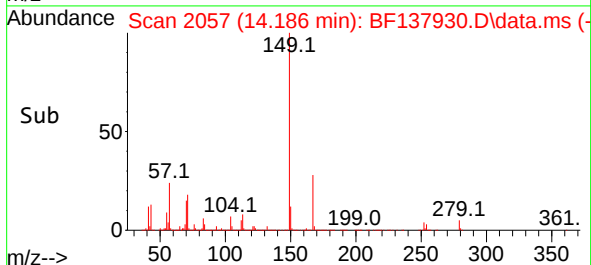
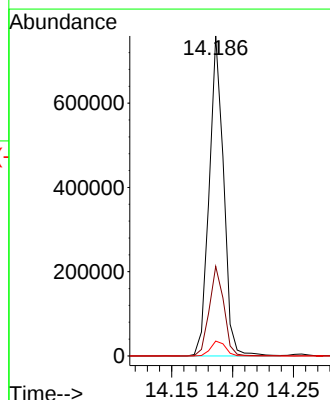
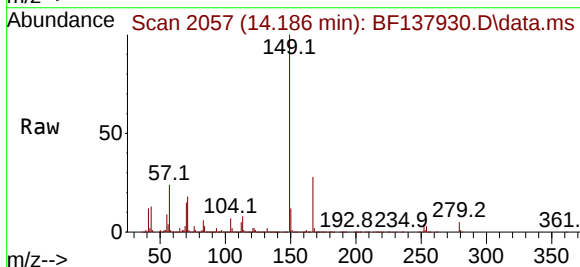
Tgt Ion:149 Resp: 623872

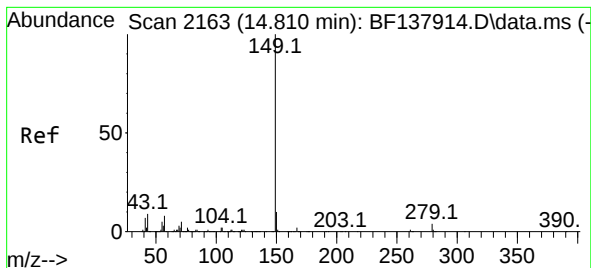
Ion Ratio Lower Upper

149 100

167 28.0 23.2 34.8

279 4.7 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 61.356 ng

RT: 14.816 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMSD

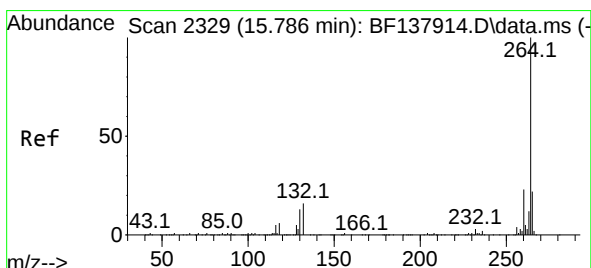
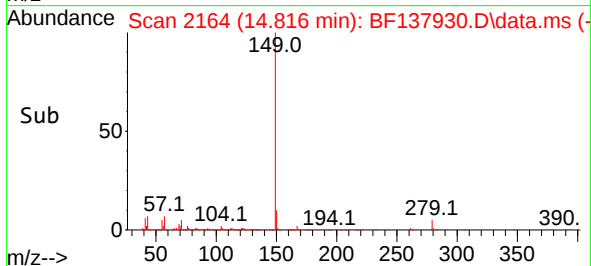
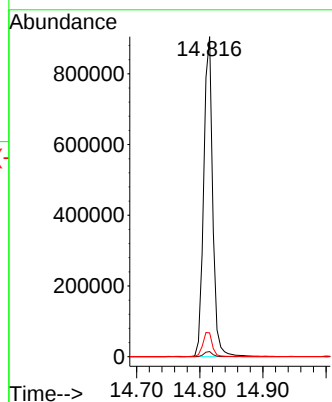
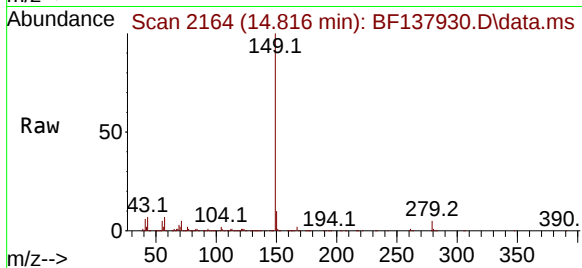
Tgt Ion:149 Resp: 895881

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 7.9 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

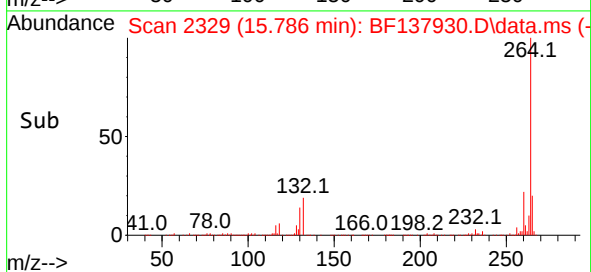
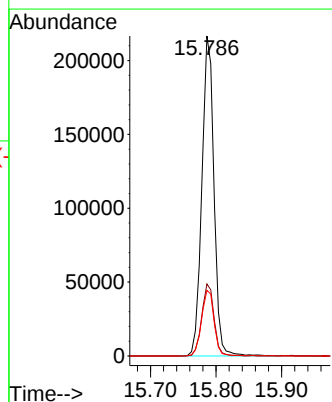
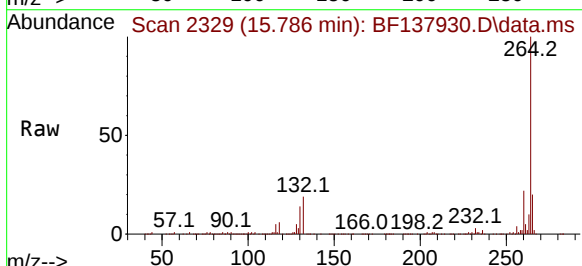
Tgt Ion:264 Resp: 279065

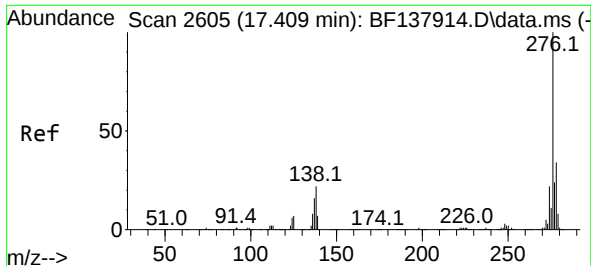
Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 20.5 17.6 26.4

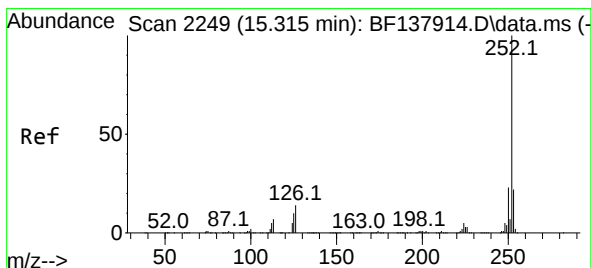
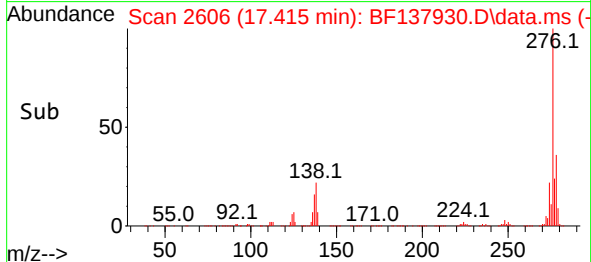
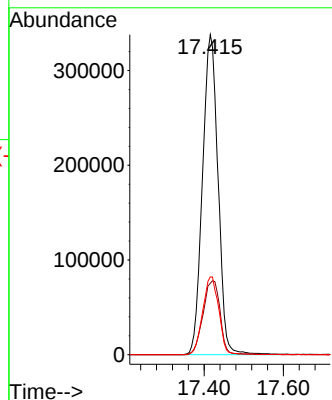
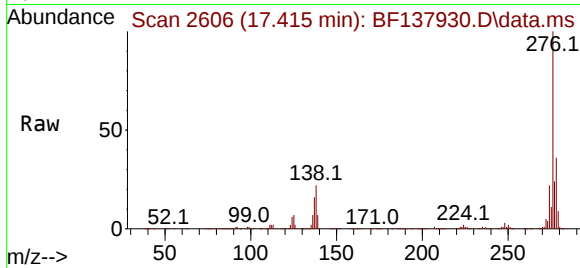




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.348 ng
RT: 17.415 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

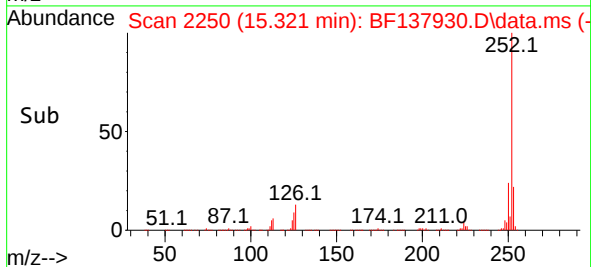
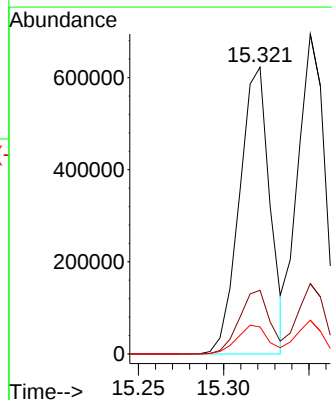
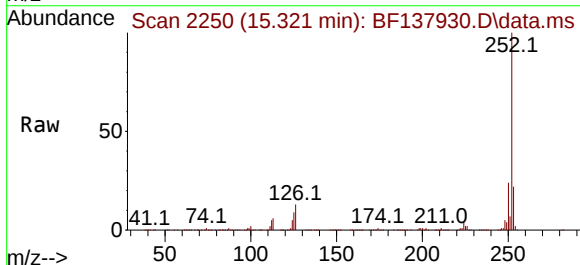
Instrument :
BNA_F
ClientSampleId :
WCS-TPKMMSD

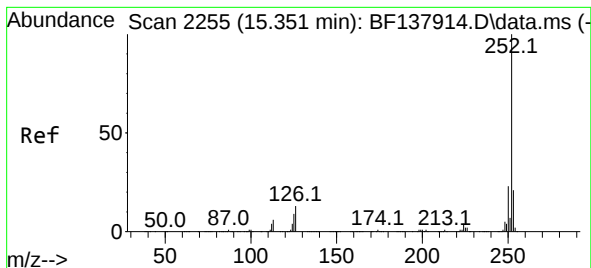
Tgt Ion:276 Resp: 920627
Ion Ratio Lower Upper
276 100
138 25.0 20.6 30.8
277 25.1 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 47.932 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:252 Resp: 774488
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.4 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 49.192 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

Instrument :

BNA_F

ClientSampleId :

WCS-TPKMMSD

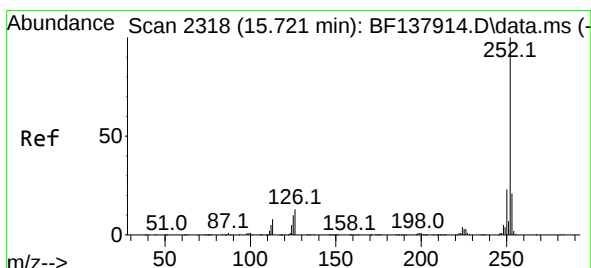
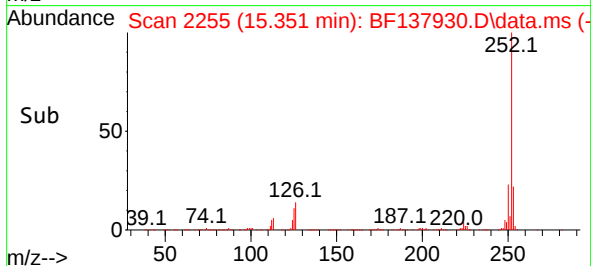
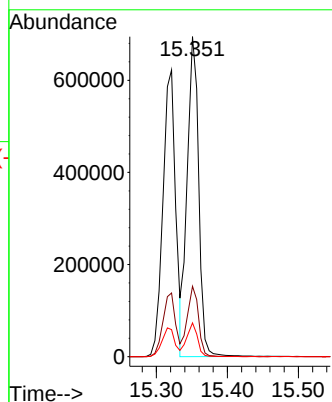
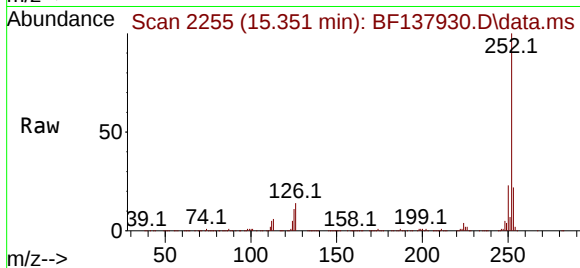
Tgt Ion:252 Resp: 780855

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.5 7.7 11.5



#90

Benzo(a)pyrene

Concen: 51.175 ng

RT: 15.721 min Scan# 2318

Delta R.T. 0.000 min

Lab File: BF137930.D

Acq: 17 May 2024 14:22

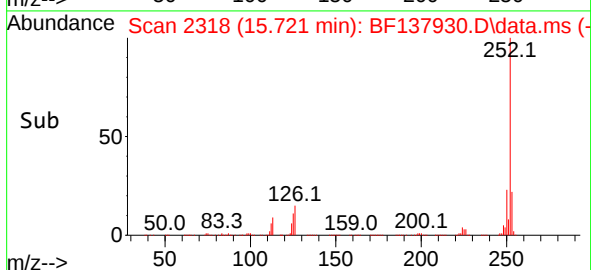
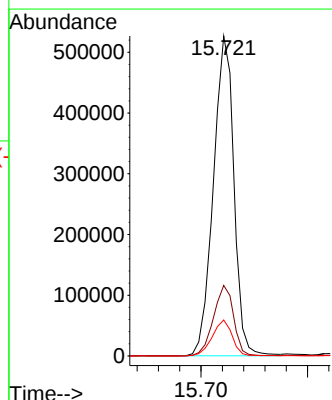
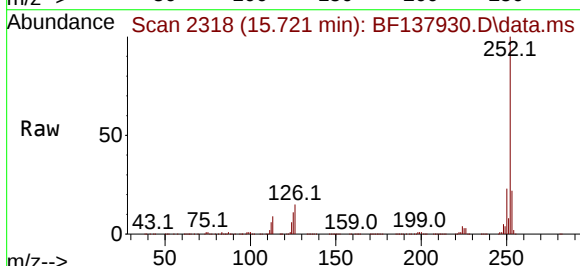
Tgt Ion:252 Resp: 706075

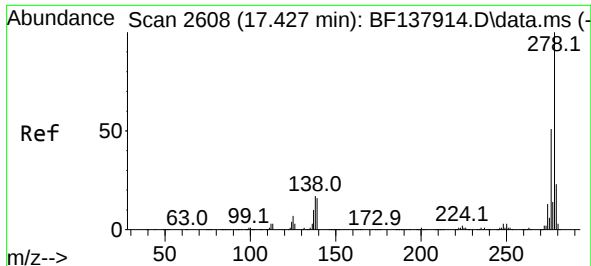
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 11.3 7.8 11.8

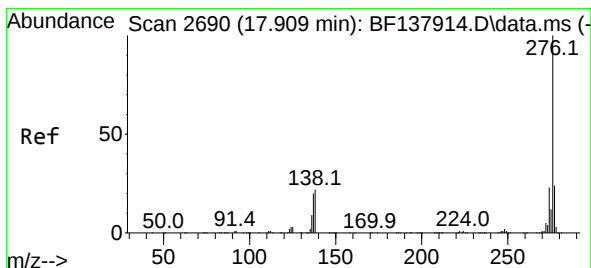
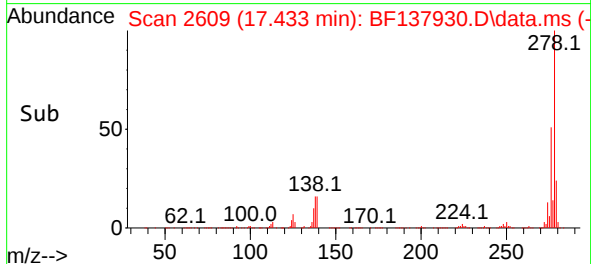
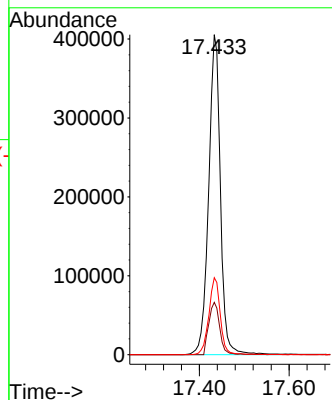
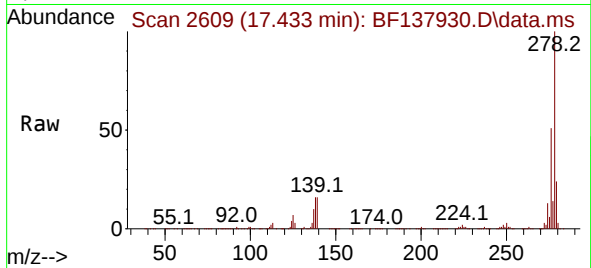




#91
Dibenzo(a,h)anthracene
Concen: 49.797 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Instrument :
BNA_F
ClientSampleId :
WCS-TPKMSD

Tgt Ion:278 Resp: 737657
Ion Ratio Lower Upper
278 100
139 16.4 13.1 19.7
279 24.1 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 47.329 ng
RT: 17.915 min Scan# 2691
Delta R.T. 0.006 min
Lab File: BF137930.D
Acq: 17 May 2024 14:22

Tgt Ion:276 Resp: 736512
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 22.1 17.6 26.4

