

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137942.D
 Acq On : 17 May 2024 20:15
 Operator : CG\JU
 Sample : P2480-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-JJMSD

Quant Time: May 17 22:54:45 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	7.045	152	126649	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	492663	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	276337	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	476545	20.000	ng	0.00
76) Chrysene-d12	14.227	240	277559	20.000	ng	0.00
86) Perylene-d12	15.786	264	331372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	868510	116.487	ng	0.02
7) Phenol-d6	6.663	99	1009858	109.953	ng	0.00
23) Nitrobenzene-d5	7.604	82	706840	84.435	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	380654	136.616	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1504310	83.855	ng	0.00
79) Terphenyl-d14	13.163	244	1536971	81.611	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.099	88	121301	37.555	ng	# 87
3) Pyridine	3.804	79	262603	36.235	ng	99
4) n-Nitrosodimethylamine	3.757	42	140115	43.825	ng	96
6) Aniline	6.704	93	160144	19.494	ng	98
8) 2-Chlorophenol	6.828	128	356719	44.210	ng	99
9) Benzaldehyde	6.598	77	59760	12.026	ng	97
10) Phenol	6.675	94	364977	39.370	ng	96
11) bis(2-Chloroethyl)ether	6.775	93	317408	44.593	ng	98
12) 1,3-Dichlorobenzene	6.987	146	376653	40.346	ng	100
13) 1,4-Dichlorobenzene	7.063	146	388981	41.510	ng	99
14) 1,2-Dichlorobenzene	7.210	146	372846	42.276	ng	100
15) Benzyl Alcohol	7.175	79	296843	48.401	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.304	45	401363	45.872	ng	99
17) 2-Methylphenol	7.281	107	281216	43.703	ng	97
18) Hexachloroethane	7.557	117	131731	41.543	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	236578	45.848	ng	98
20) 3+4-Methylphenols	7.434	107	357494	42.408	ng	96
22) Acetophenone	7.445	105	496399	44.978	ng	98
24) Nitrobenzene	7.622	77	358162	42.174	ng	96
25) Isophorone	7.857	82	652418	44.904	ng	99
26) 2-Nitrophenol	7.939	139	194517	45.584	ng	97
27) 2,4-Dimethylphenol	7.963	122	261098	47.525	ng	99
28) bis(2-Chloroethoxy)met...	8.063	93	391385	44.447	ng	99
29) 2,4-Dichlorophenol	8.175	162	309785	44.840	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	328408	42.575	ng	99
31) Naphthalene	8.345	128	1069008	43.155	ng	99
32) Benzoic acid	8.063	122	197397	42.504	ng	99
33) 4-Chloroaniline	8.387	127	48265	5.944	ng	99
34) Hexachlorobutadiene	8.457	225	196501	40.247	ng	100
35) Caprolactam	8.751	113	54272	27.115	ng	91
36) 4-Chloro-3-methylphenol	8.863	107	323113	45.976	ng	98
37) 2-Methylnaphthalene	9.039	142	708471	44.494	ng	99
38) 1-Methylnaphthalene	9.139	142	654259	41.795	ng	100
40) 1,2,4,5-Tetrachloroben...	9.204	216	333026	44.329	ng	99
41) Hexachlorocyclopentadiene	9.186	237	338134	118.453	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	225835	45.848	ng	96

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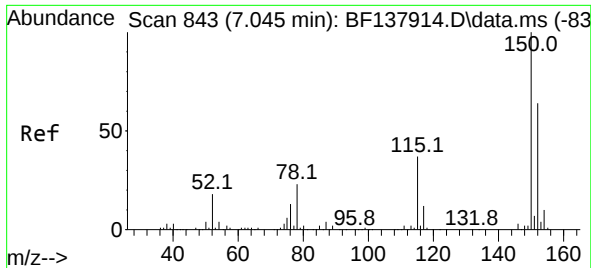
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	247704	45.959	ng	# 95
46) 1,1'-Biphenyl	9.504	154	877678	45.283	ng	99
47) 2-Chloronaphthalene	9.534	162	678927	43.881	ng	99
48) 2-Nitroaniline	9.622	65	187560	47.340	ng	99
49) Acenaphthylene	9.951	152	1084545	48.751	ng	100
50) Dimethylphthalate	9.798	163	826769	47.711	ng	99
51) 2,6-Dinitrotoluene	9.863	165	183095	46.037	ng	97
52) Acenaphthene	10.122	154	721697	49.083	ng	100
53) 3-Nitroaniline	10.033	138	79236	20.379	ng	98
54) 2,4-Dinitrophenol	10.139	184	197872	91.040	ng	# 85
55) Dibenzofuran	10.292	168	980224	45.807	ng	99
56) 4-Nitrophenol	10.186	139	273950	98.101	ng	95
57) 2,4-Dinitrotoluene	10.269	165	249757	48.576	ng	93
58) Fluorene	10.639	166	765167	45.207	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	201254	47.533	ng	100
60) Diethylphthalate	10.498	149	778588	48.109	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	383111	45.898	ng	98
62) 4-Nitroaniline	10.651	138	180310	48.894	ng	99
63) Azobenzene	10.786	77	697580	47.388	ng	99
65) 4,6-Dinitro-2-methylph...	10.675	198	134424	48.853	ng	95
66) n-Nitrosodiphenylamine	10.745	169	668093	45.715	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	238582	45.668	ng	99
68) Hexachlorobenzene	11.186	284	252895	43.792	ng	99
69) Atrazine	11.263	200	226425	56.739	ng	99
70) Pentachlorophenol	11.375	266	305961	90.448	ng	99
71) Phenanthrene	11.604	178	1069961	45.562	ng	99
72) Anthracene	11.657	178	1095846	47.032	ng	99
73) Carbazole	11.810	167	968047	45.481	ng	99
74) Di-n-butylphthalate	12.127	149	1174490	49.722	ng	100
75) Fluoranthene	12.798	202	1034804	43.413	ng	99
77) Benzidine	12.910	184	128066	35.305	ng	98
78) Pyrene	13.027	202	1020451	42.035	ng	100
80) Butylbenzylphthalate	13.633	149	392633	53.620	ng	99
81) Benzo(a)anthracene	14.216	228	827129	47.103	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	119848	24.628	ng	98
83) Chrysene	14.257	228	772048	45.972	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	514447	55.889	ng	100
85) Di-n-octyl phthalate	14.816	149	776075	62.410	ng	100
87) Indeno(1,2,3-cd)pyrene	17.421	276	1009074	47.397	ng	100
88) Benzo(b)fluoranthene	15.321	252	820770	42.778	ng	99
89) Benzo(k)fluoranthene	15.351	252	844139	44.784	ng	99
90) Benzo(a)pyrene	15.721	252	785834	47.965	ng	97
91) Dibenzo(a,h)anthracene	17.439	278	823137	46.796	ng	99
92) Benzo(g,h,i)perylene	17.915	276	759771	41.117	ng	99

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

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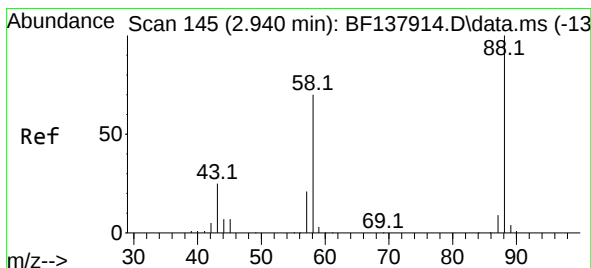
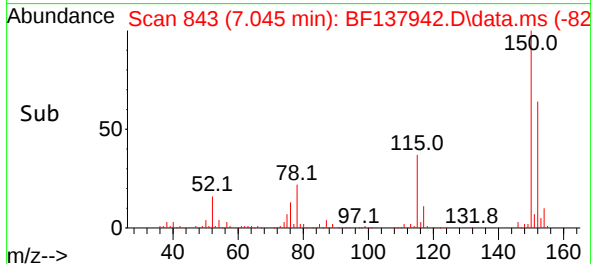
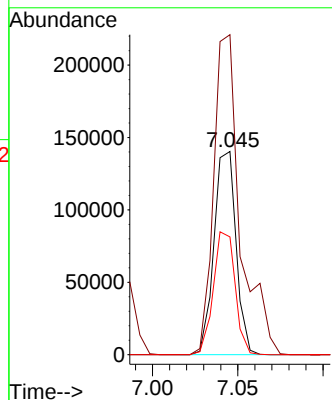
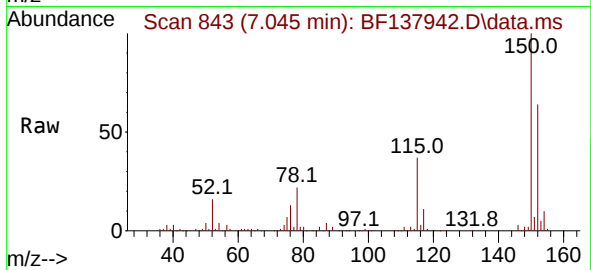




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

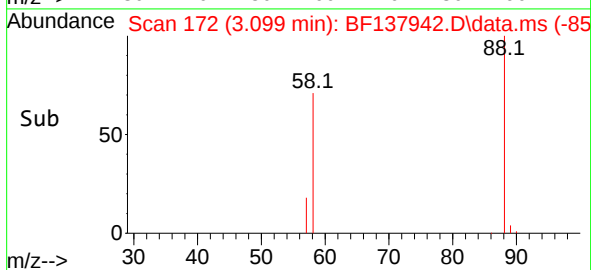
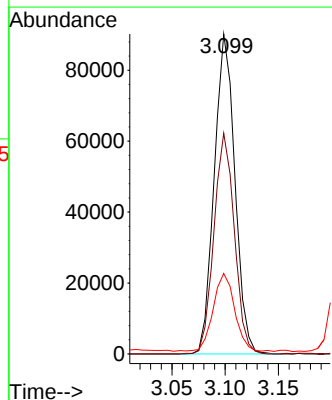
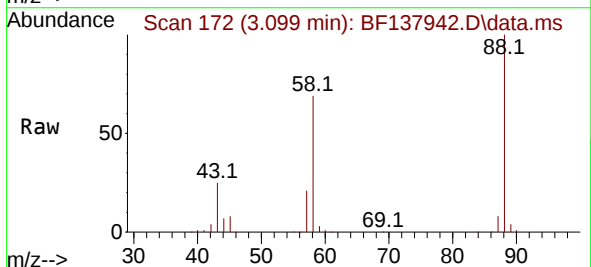
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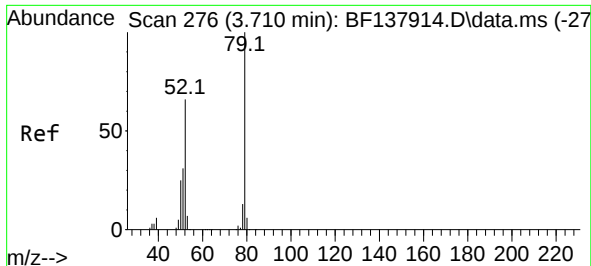
Tgt Ion:152 Resp: 126649
Ion Ratio Lower Upper
152 100
150 157.5 125.7 188.5
115 58.0 47.0 70.6



#2
1,4-Dioxane
Concen: 37.555 ng
RT: 3.099 min Scan# 172
Delta R.T. 0.159 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion: 88 Resp: 121301
Ion Ratio Lower Upper
88 100
58 68.3 54.4 81.6
43 0.0 19.6 29.4#

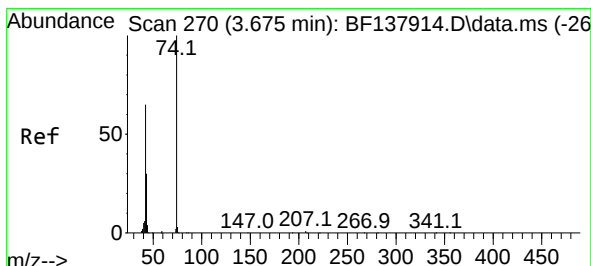
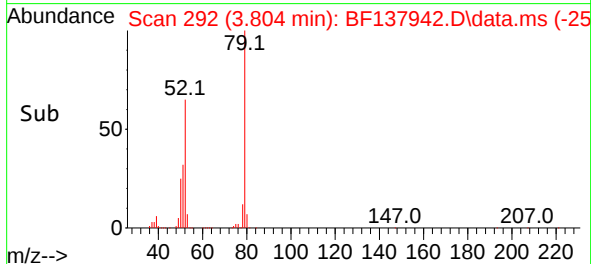
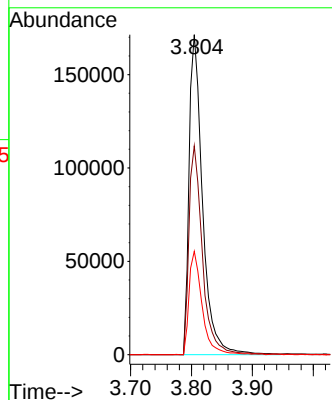
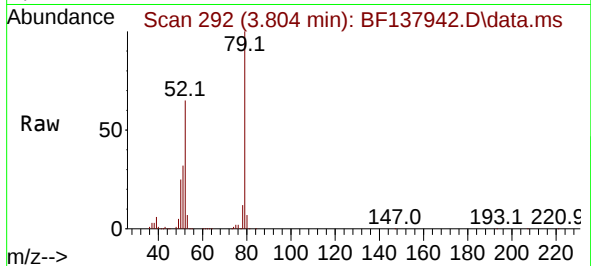




#3
Pyridine
Concen: 36.235 ng
RT: 3.804 min Scan# 24
Delta R.T. 0.094 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

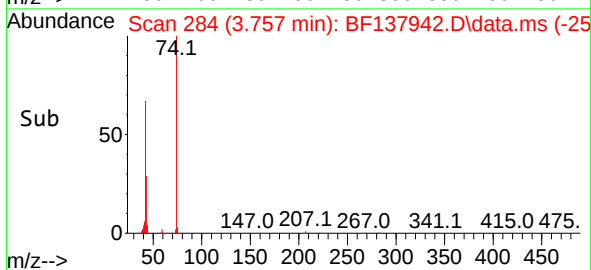
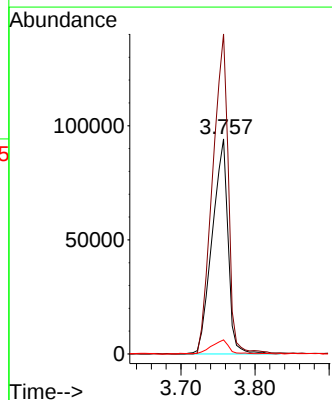
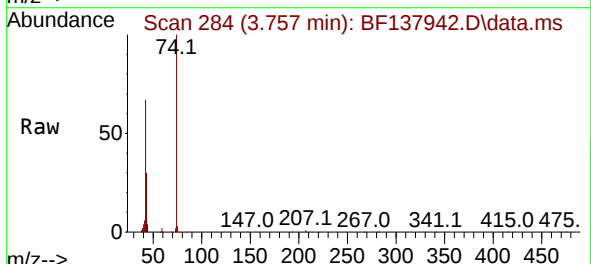
Instrument :
BNA_F
ClientSampleId :
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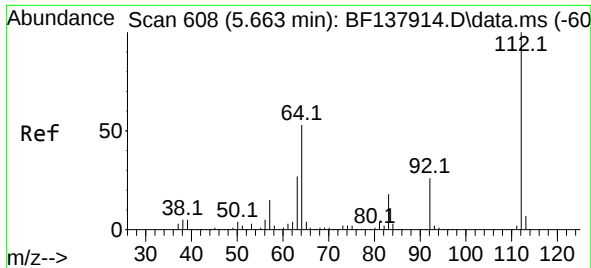
Tgt Ion: 79 Resp: 262603
Ion Ratio Lower Upper
79 100
52 65.2 52.5 78.7
51 32.3 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 43.825 ng
RT: 3.757 min Scan# 284
Delta R.T. 0.082 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion: 42 Resp: 140115
Ion Ratio Lower Upper
42 100
74 148.9 123.1 184.7
44 6.6 5.0 7.6

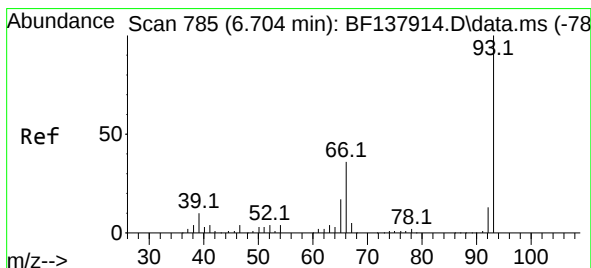
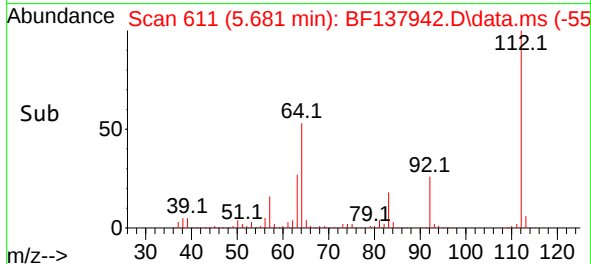
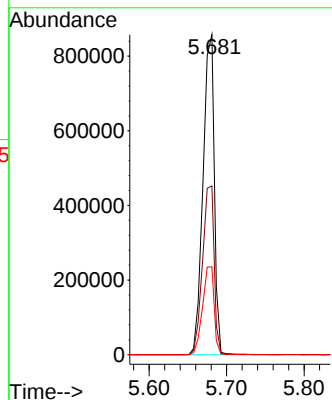
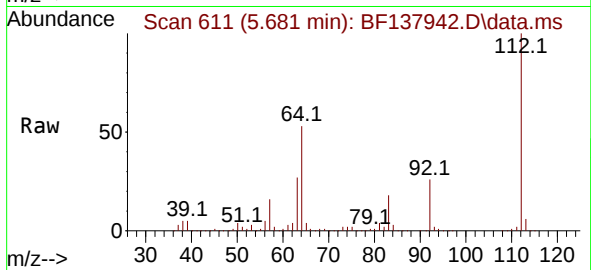




#5
2-Fluorophenol
Concen: 116.487 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

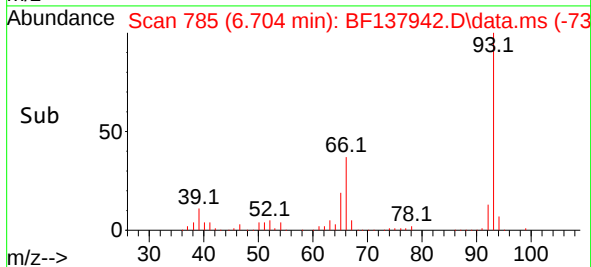
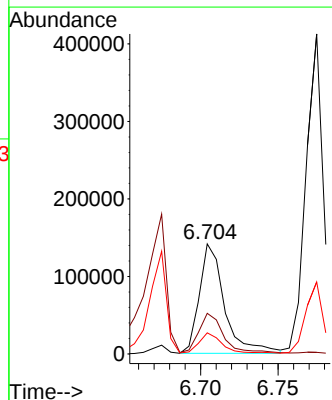
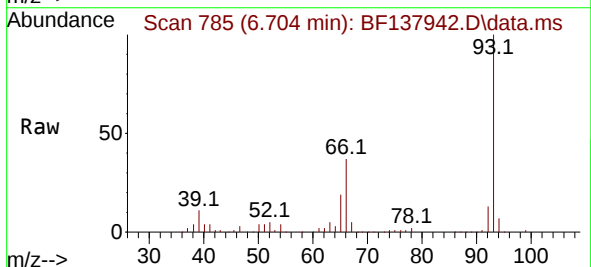
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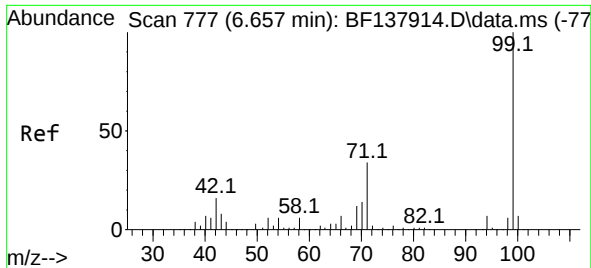
Tgt Ion:112 Resp: 868510
Ion Ratio Lower Upper
112 100
64 52.8 42.4 63.6
63 27.4 21.4 32.2



#6
Aniline
Concen: 19.494 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion: 93 Resp: 160144
Ion Ratio Lower Upper
93 100
66 37.0 30.7 46.1
65 19.3 15.0 22.4





#7

Phenol-d6

Concen: 109.953 ng

RT: 6.663 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

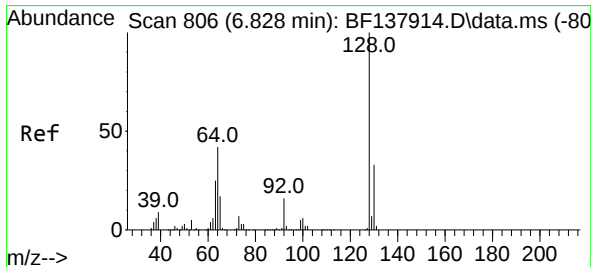
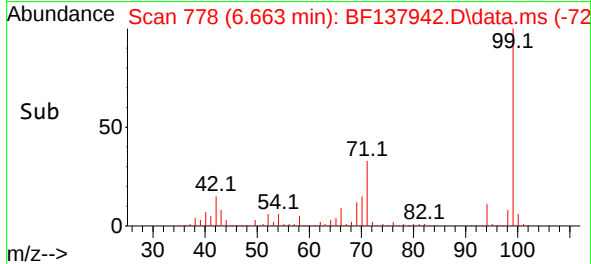
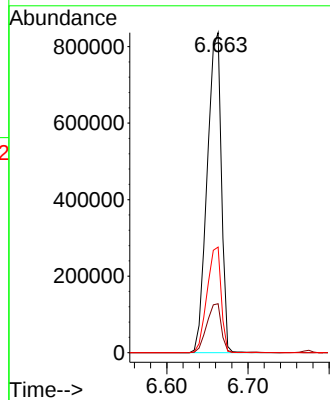
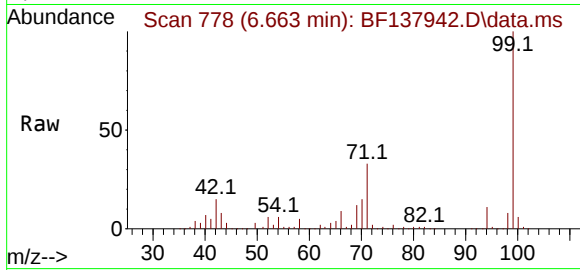
BNA_F

ClientSampleId :

WC-MH-JJMSD

Tgt Ion: 99 Resp: 1009858

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.6	18.8
71	33.0	27.1	40.7



#8

2-Chlorophenol

Concen: 44.210 ng

RT: 6.828 min Scan# 806

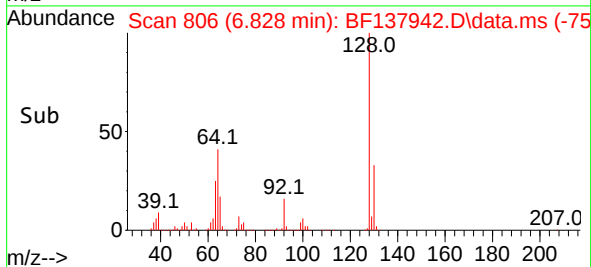
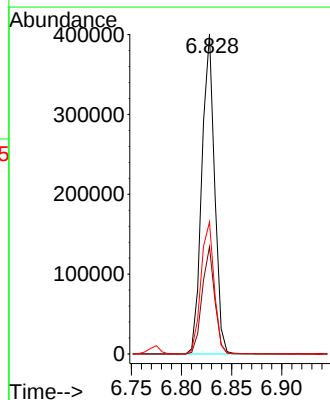
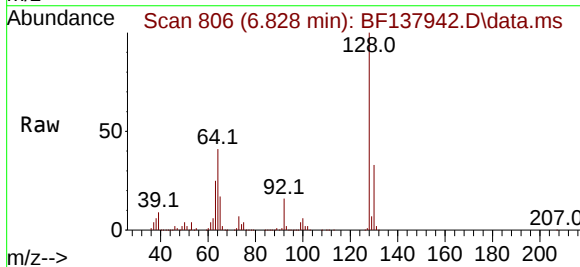
Delta R.T. 0.000 min

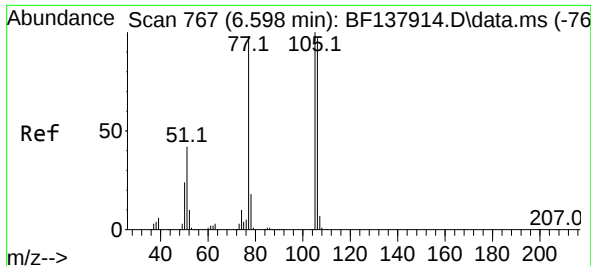
Lab File: BF137942.D

Acq: 17 May 2024 20:15

Tgt Ion:128 Resp: 356719

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.8	52.8
64	41.2	22.2	62.2

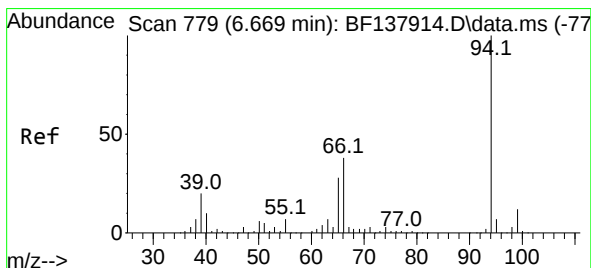
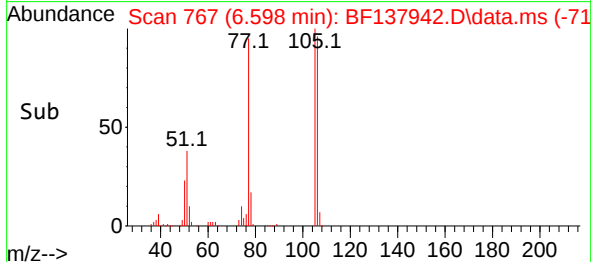
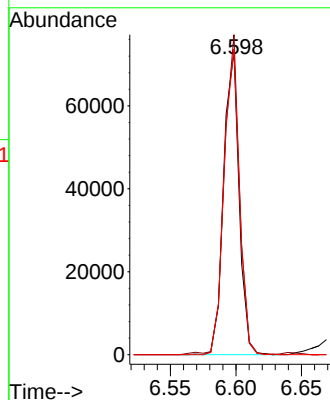
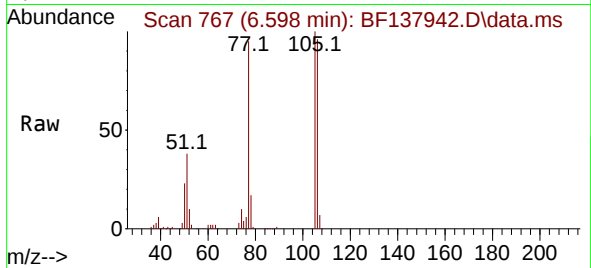




#9
Benzaldehyde
Concen: 12.026 ng
RT: 6.598 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF137942.D
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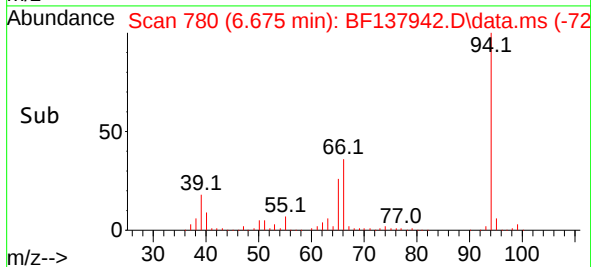
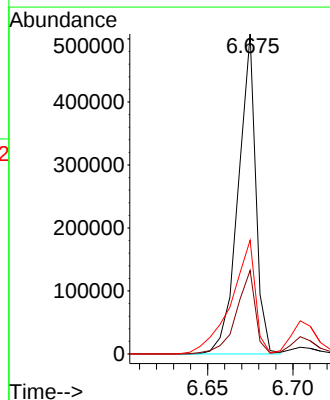
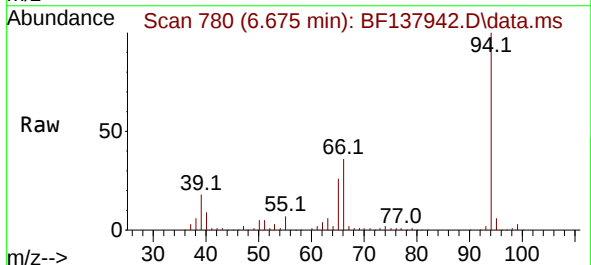
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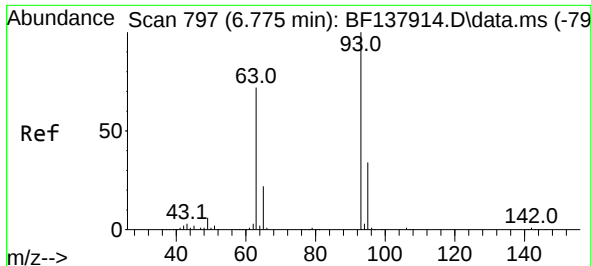
Tgt Ion: 77 Resp: 59760
Ion Ratio Lower Upper
77 100
105 105.6 82.3 122.3
106 100.9 79.2 119.2



#10
Phenol
Concen: 39.370 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.006 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion: 94 Resp: 364977
Ion Ratio Lower Upper
94 100
65 26.1 7.8 47.8
66 35.5 18.6 58.6

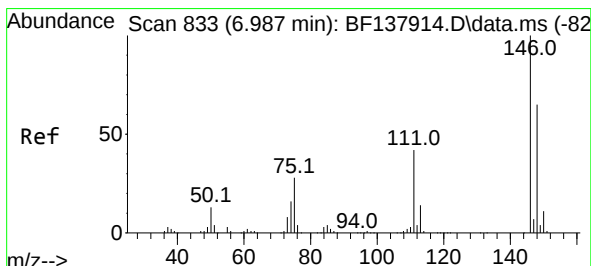
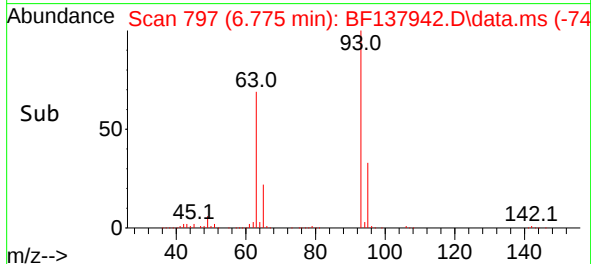
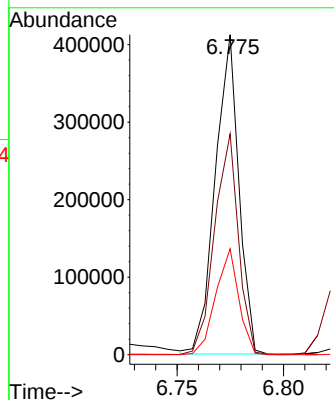
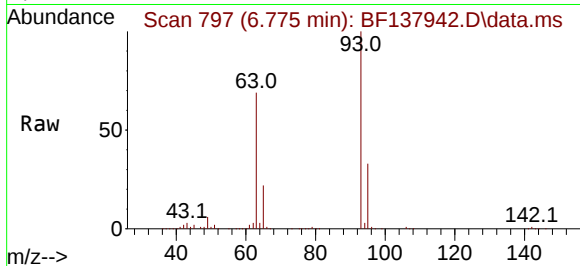




#11
bis(2-Chloroethyl)ether
Concen: 44.593 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

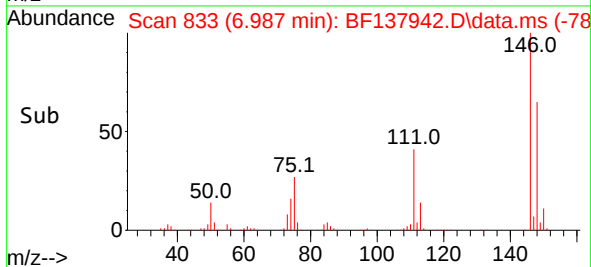
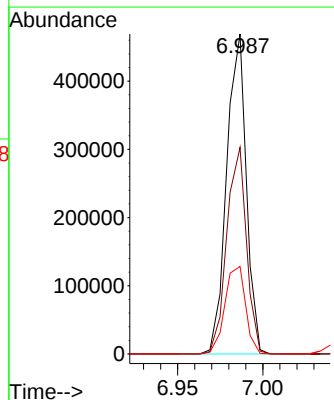
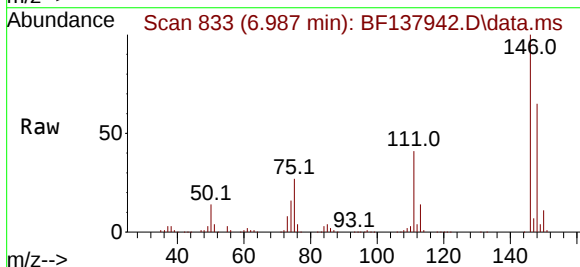
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

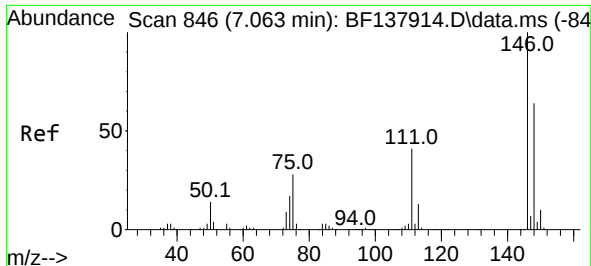
Tgt Ion: 93 Resp: 317408
Ion Ratio Lower Upper
93 100
63 69.0 51.4 91.4
95 33.1 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 40.346 ng
RT: 6.987 min Scan# 833
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion: 146 Resp: 376653
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
75 27.3 22.4 33.6

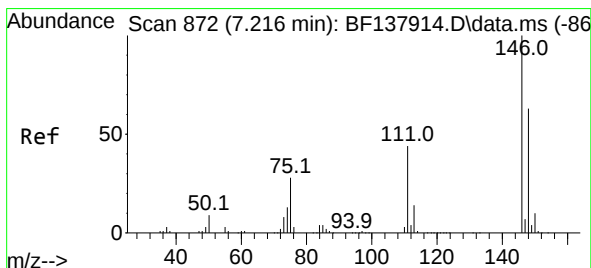
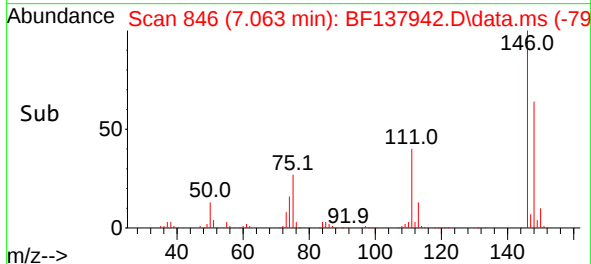
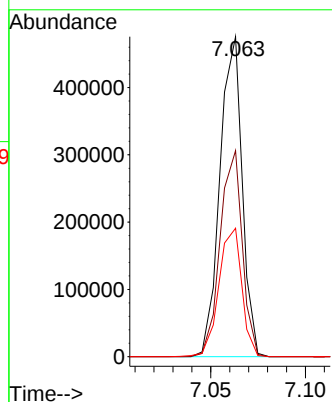
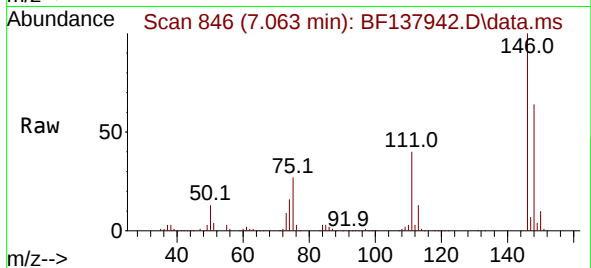




#13
1,4-Dichlorobenzene
Concen: 41.510 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

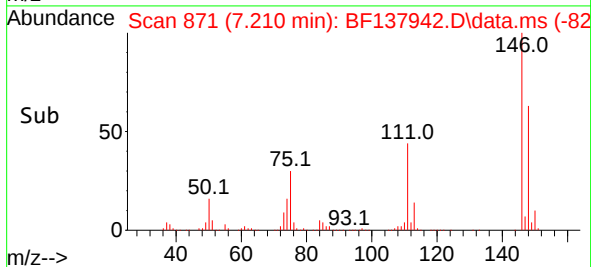
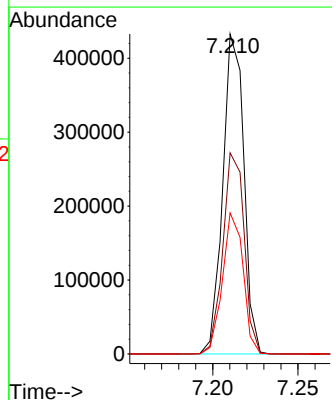
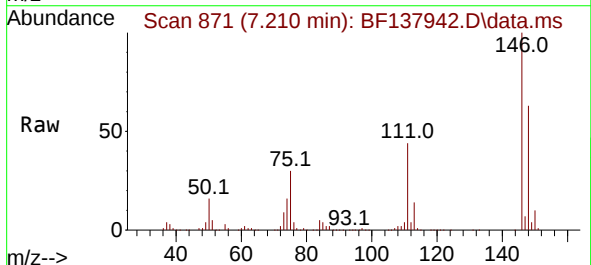
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

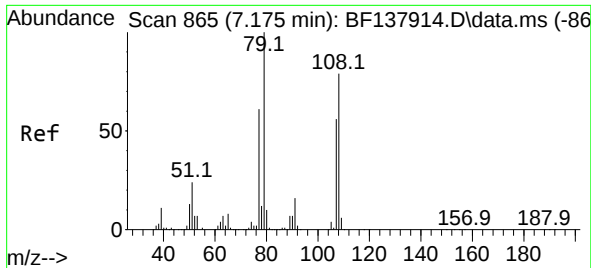
Tgt Ion:146 Resp: 388981
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 40.2 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 42.276 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:146 Resp: 372846
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.4
111 44.1 35.1 52.7

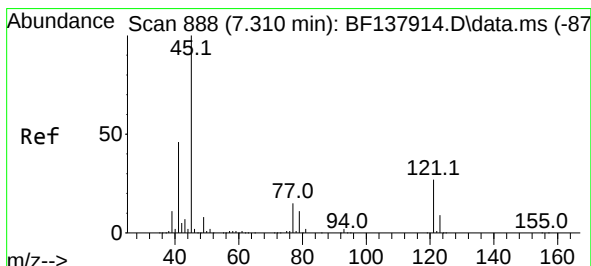
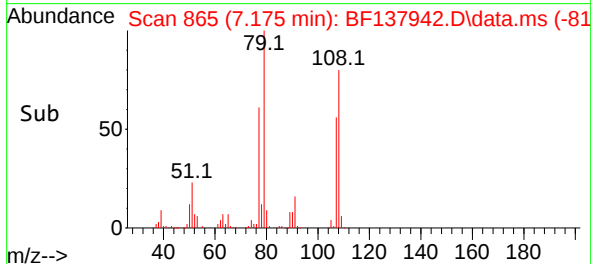
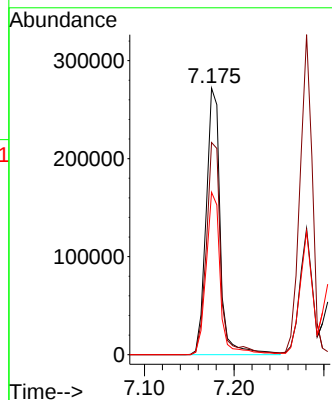
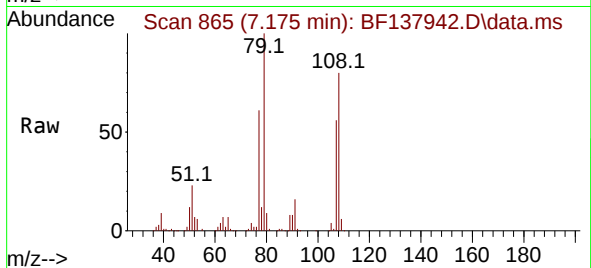




#15
Benzyl Alcohol
Concen: 48.401 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

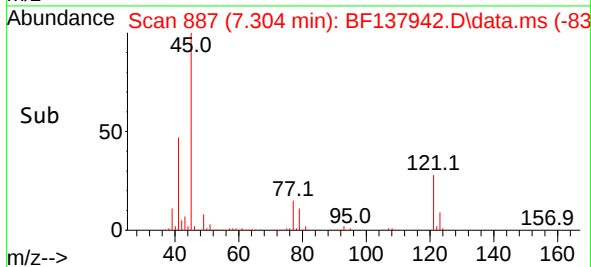
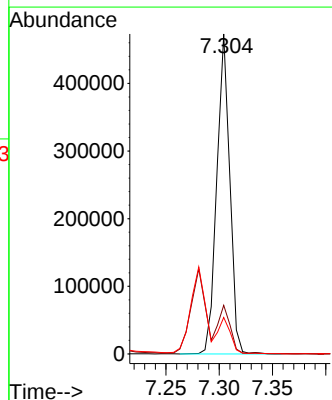
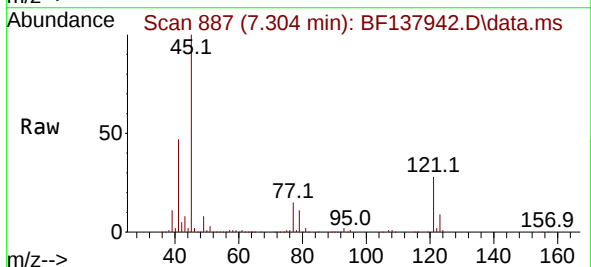
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

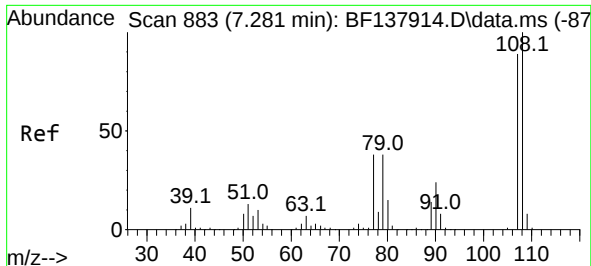
Tgt Ion: 79 Resp: 296843
Ion Ratio Lower Upper
79 100
108 79.6 62.8 94.2
77 60.9 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.872 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion: 45 Resp: 401363
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.3
79 11.4 0.0 32.1

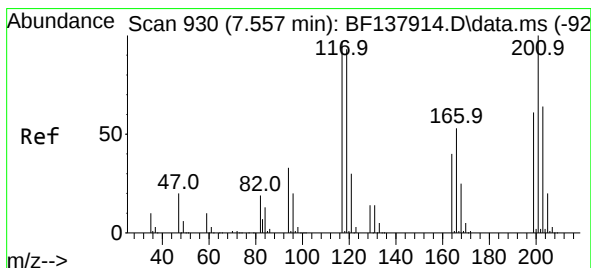
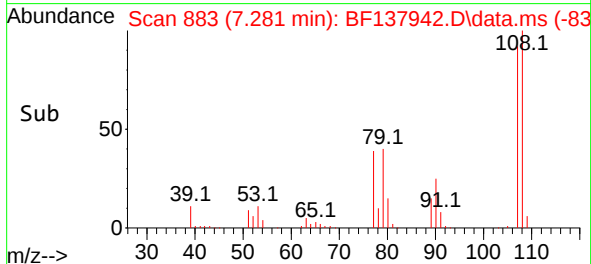
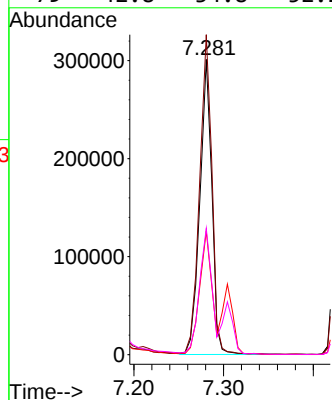
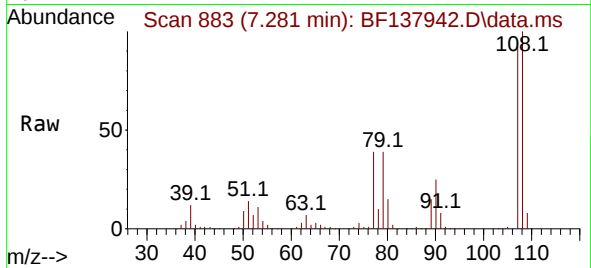




#17
2-Methylphenol
Concen: 43.703 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

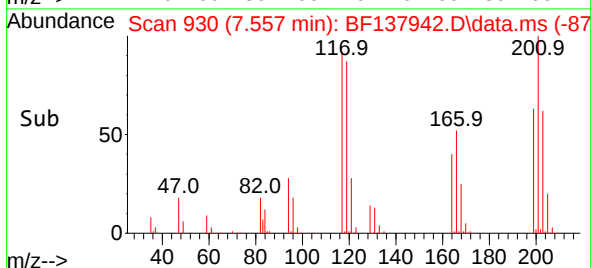
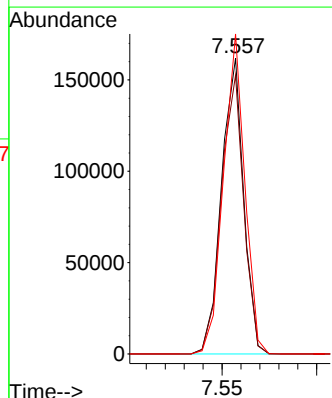
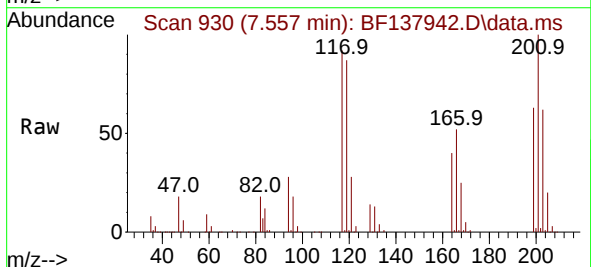
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

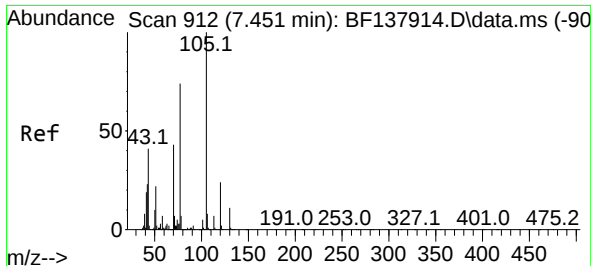
Tgt Ion:	107	Resp:	281216
Ion	Ratio	Lower	Upper
107	100		
108	108.4	90.1	135.1
77	41.8	34.3	51.5
79	42.8	34.8	52.2



#18
Hexachloroethane
Concen: 41.543 ng
RT: 7.557 min Scan# 930
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:	117	Resp:	131731
Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.8	115.2
201	108.1	82.7	124.1

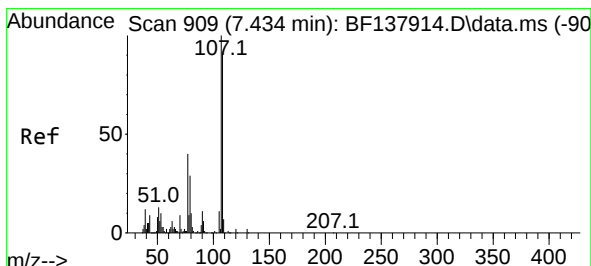
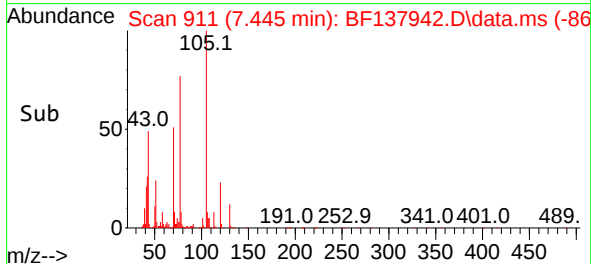
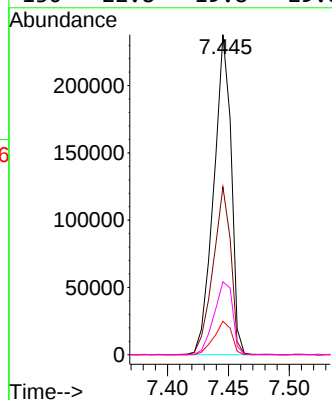
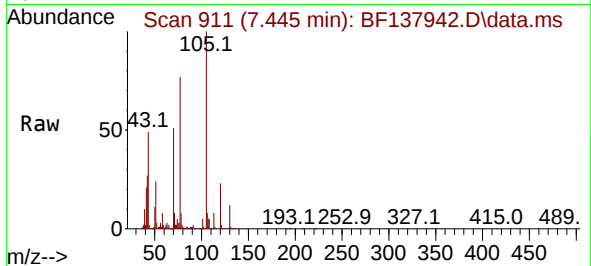




#19
n-Nitroso-di-n-propylamine
Concen: 45.848 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

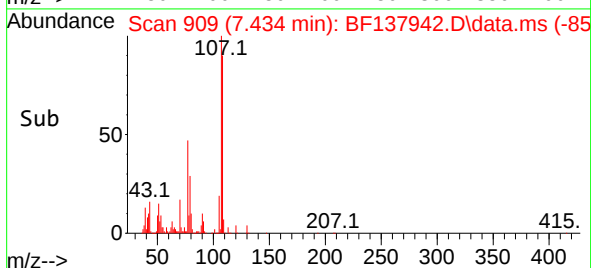
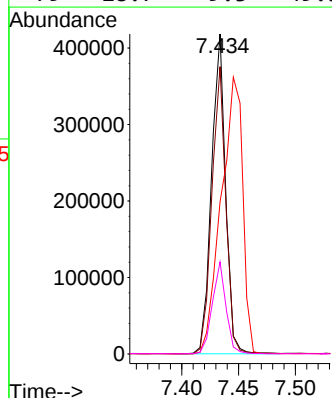
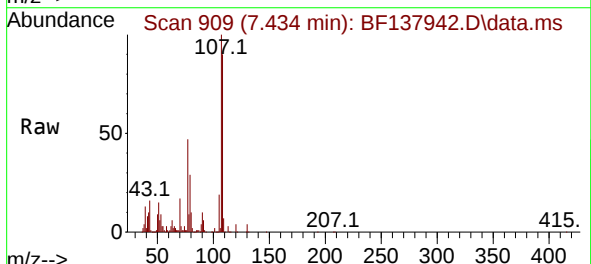
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

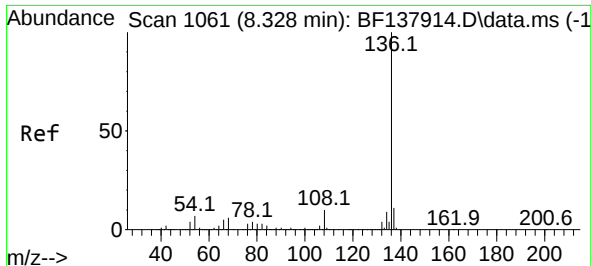
Tgt Ion: 70 Resp: 236578
Ion Ratio Lower Upper
70 100
42 52.4 42.2 63.4
101 10.4 8.8 13.2
130 22.8 19.8 29.8



#20
3+4-Methylphenols
Concen: 42.408 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion: 107 Resp: 357494
Ion Ratio Lower Upper
107 100
108 89.8 70.8 110.8
77 47.5 20.2 60.2
79 28.7 9.3 49.3

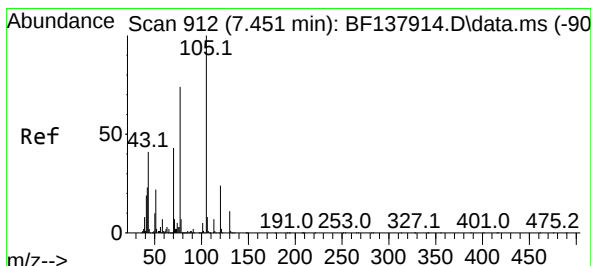
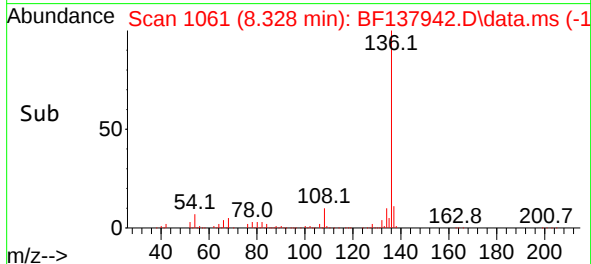
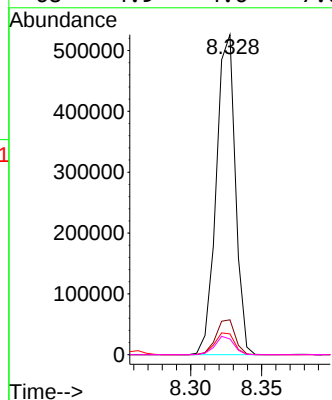
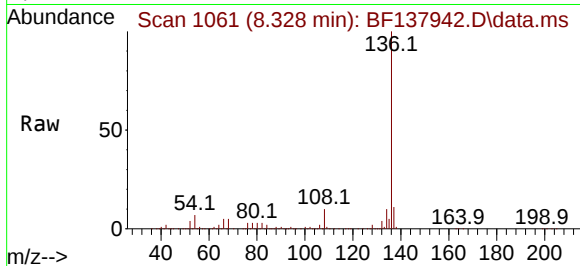




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.328 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

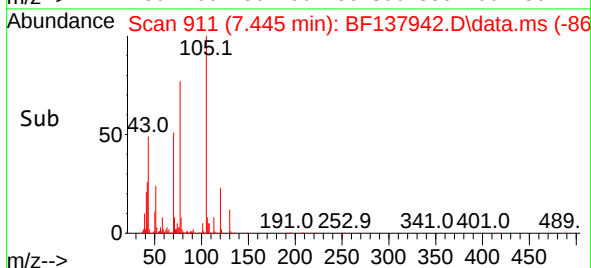
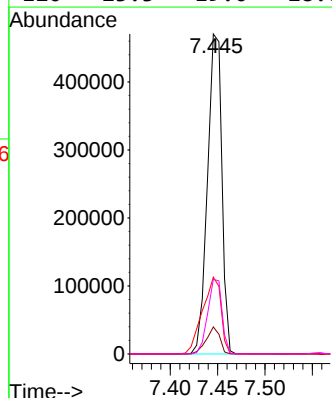
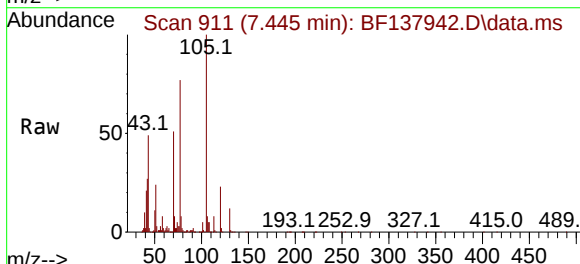
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

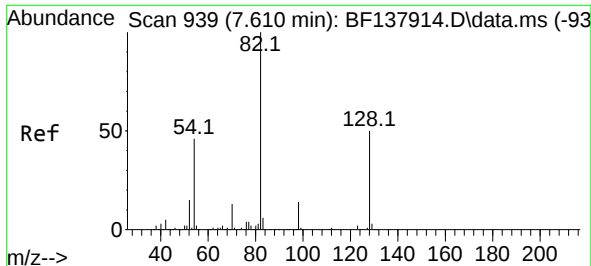
Tgt Ion:	136	Resp:	492663
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.5	5.4	8.2
68	4.9	4.6	7.0



#22
Acetophenone
Concen: 44.978 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:	105	Resp:	496399
Ion	Ratio	Lower	Upper
105	100		
71	8.5	5.7	8.5
51	24.0	17.8	26.8
120	23.3	19.0	28.6





#23

Nitrobenzene-d5

Concen: 84.435 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

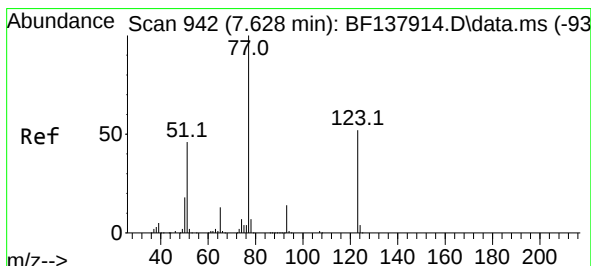
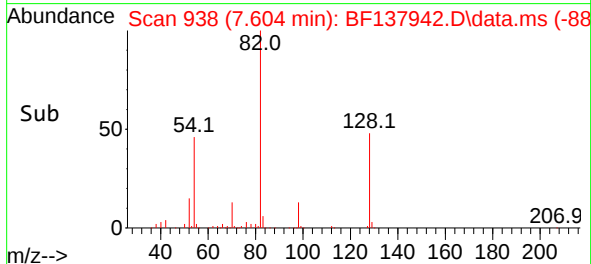
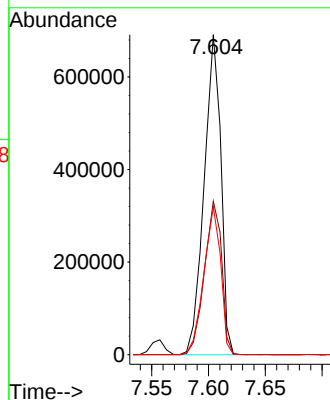
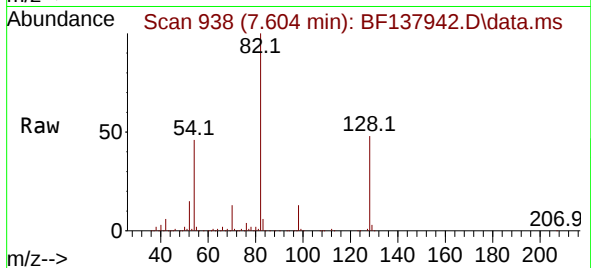
Tgt Ion: 82 Resp: 706840

Ion Ratio Lower Upper

82 100

128 48.0 40.3 60.5

54 46.2 36.8 55.2



#24

Nitrobenzene

Concen: 42.174 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

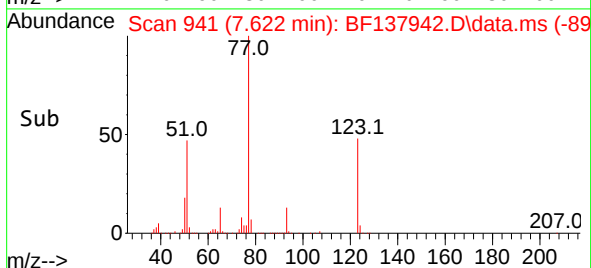
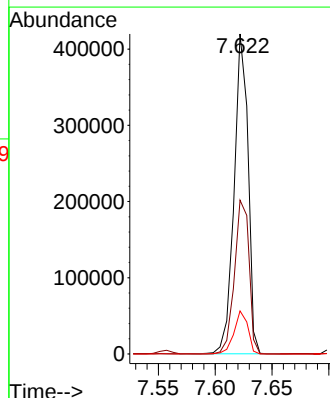
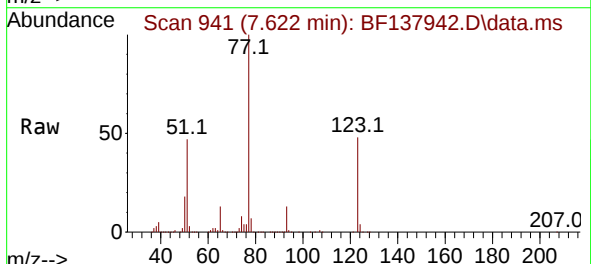
Tgt Ion: 77 Resp: 358162

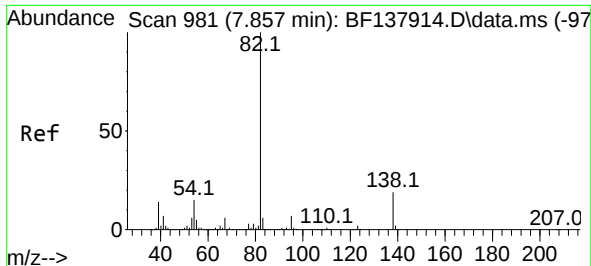
Ion Ratio Lower Upper

77 100

123 48.0 41.4 62.2

65 13.4 10.5 15.7

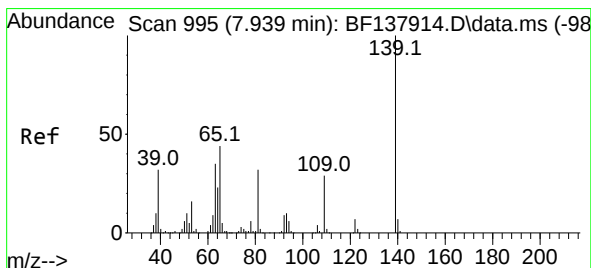
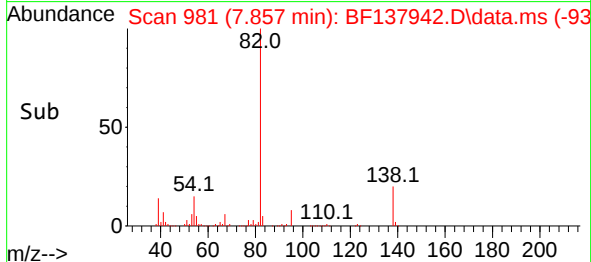
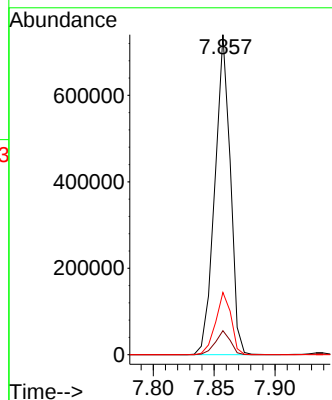
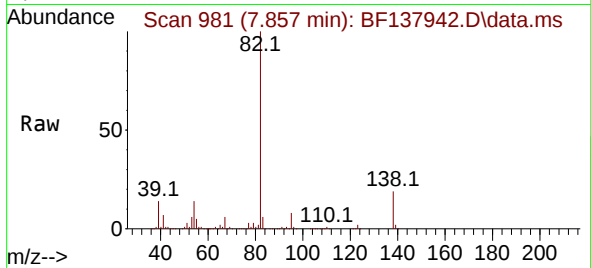




#25
Isophorone
Concen: 44.904 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

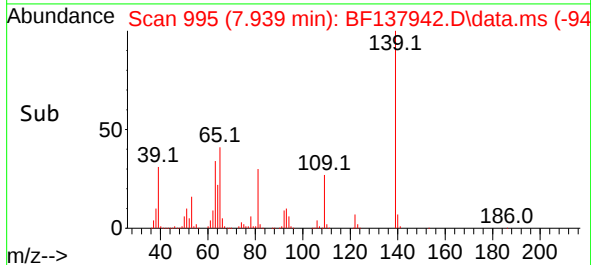
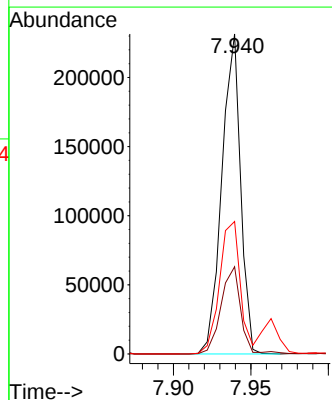
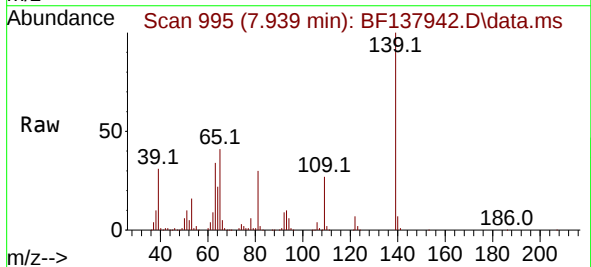
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

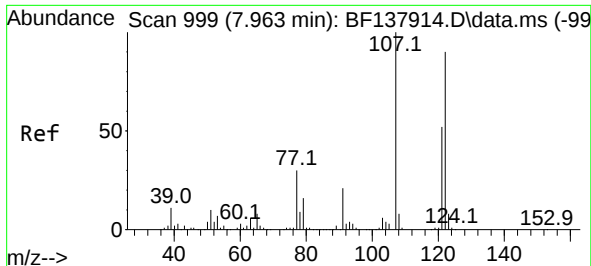
Tgt Ion: 82 Resp: 652418
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 19.4 15.0 22.4



#26
2-Nitrophenol
Concen: 45.584 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:139 Resp: 194517
Ion Ratio Lower Upper
139 100
109 27.3 22.8 34.2
65 41.4 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 47.525 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF137942.D

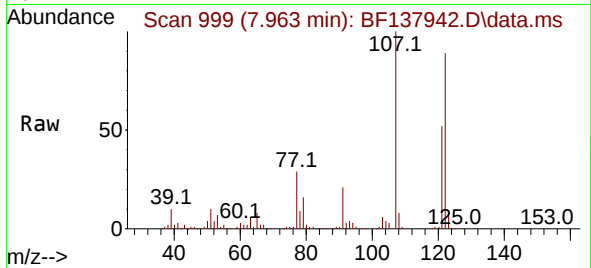
Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD



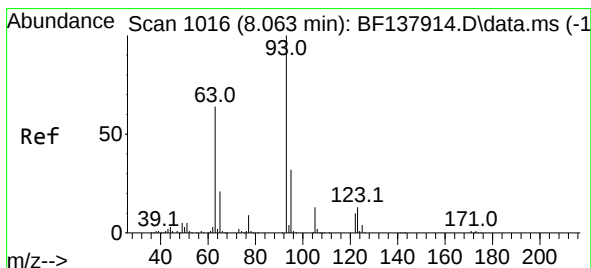
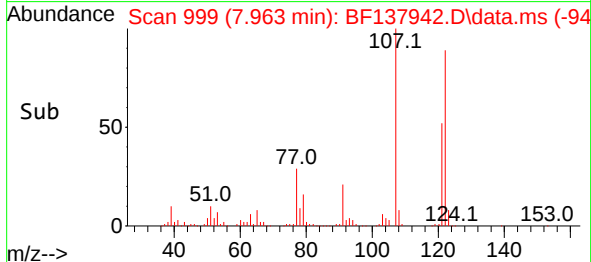
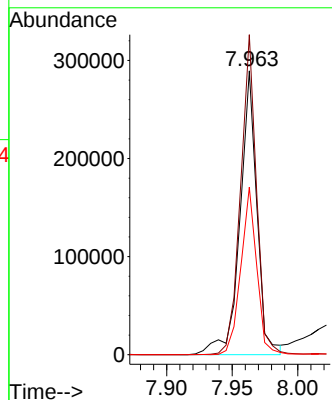
Tgt Ion:122 Resp: 261098

Ion Ratio Lower Upper

122 100

107 112.7 89.0 133.4

121 59.0 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 44.447 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

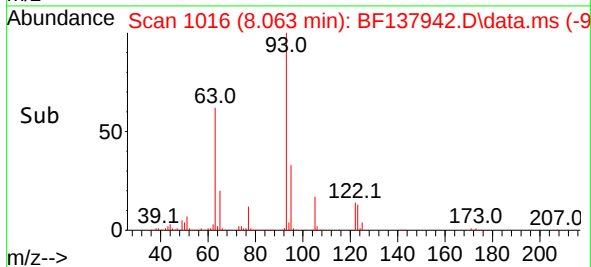
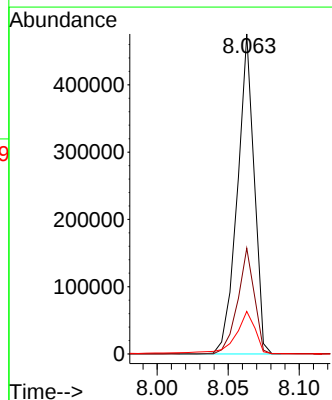
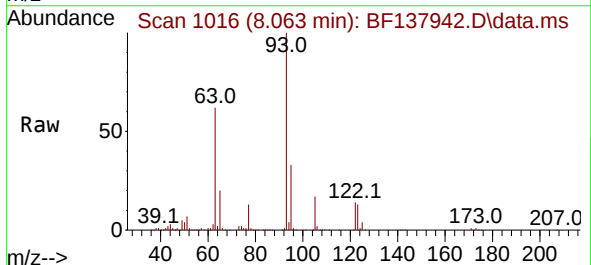
Tgt Ion: 93 Resp: 391385

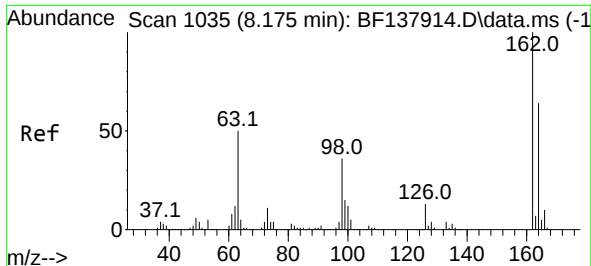
Ion Ratio Lower Upper

93 100

95 33.0 25.9 38.9

123 13.3 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 44.840 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

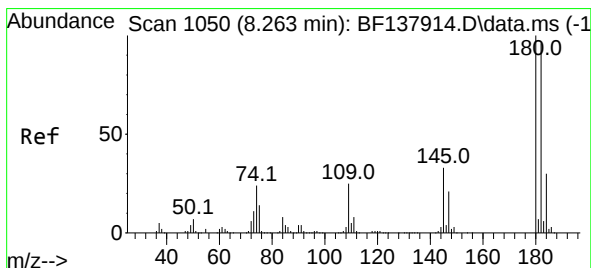
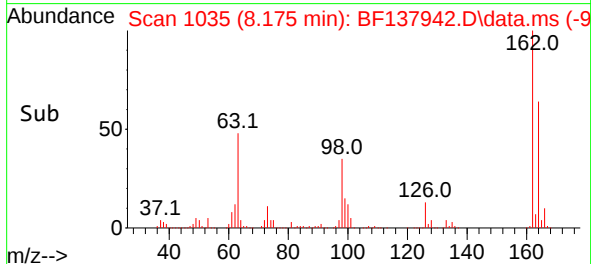
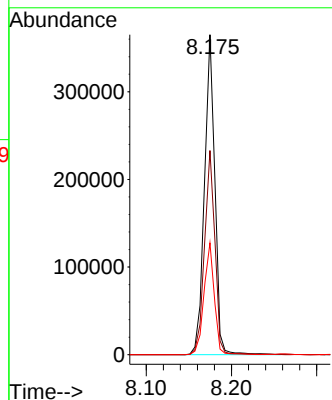
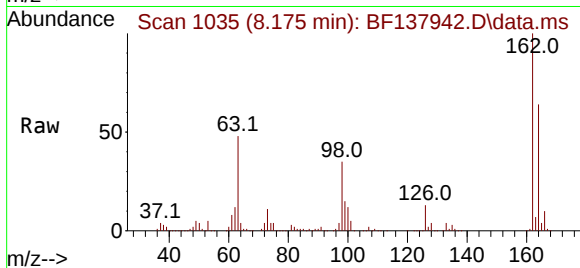
Tgt Ion:162 Resp: 309785

Ion Ratio Lower Upper

162 100

164 63.8 44.3 84.3

98 34.9 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 42.575 ng

RT: 8.263 min Scan# 1050

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

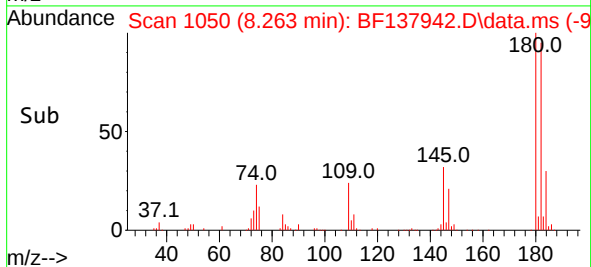
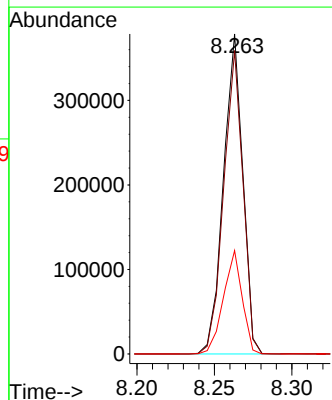
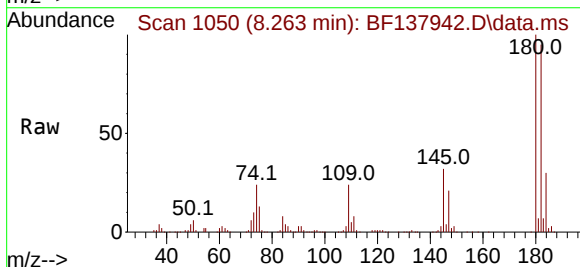
Tgt Ion:180 Resp: 328408

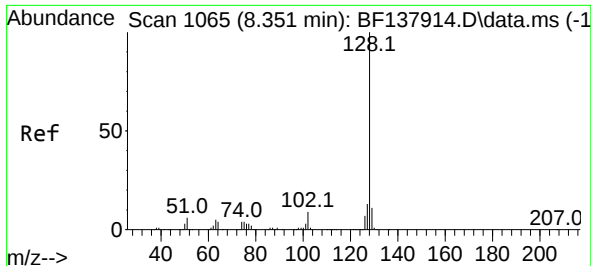
Ion Ratio Lower Upper

180 100

182 94.8 76.5 114.7

145 32.3 26.2 39.2

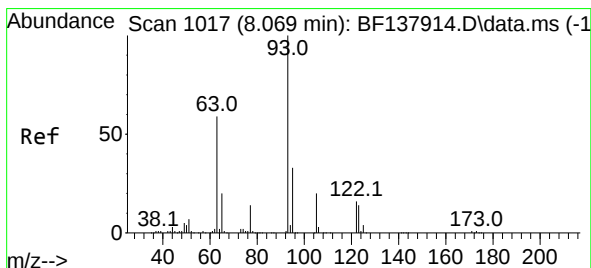
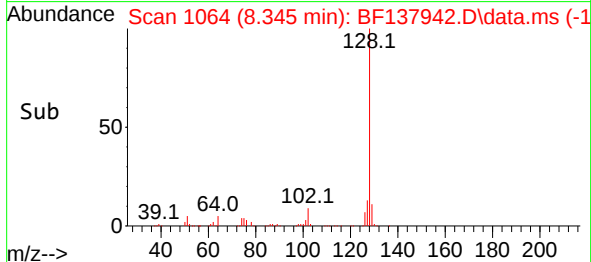
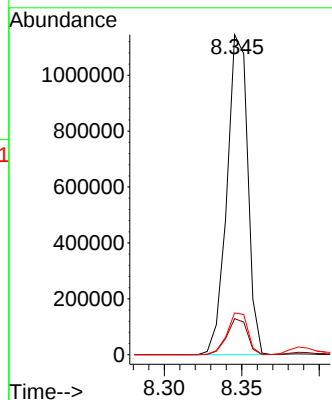
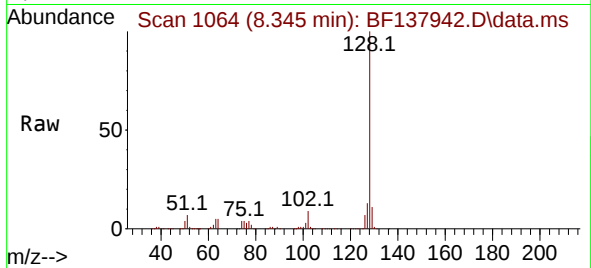




#31
Naphthalene
Concen: 43.155 ng
RT: 8.345 min Scan# 1065
Delta R.T. -0.006 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

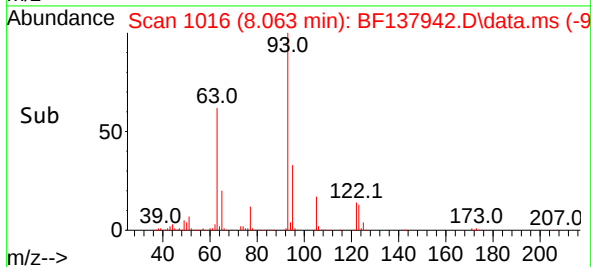
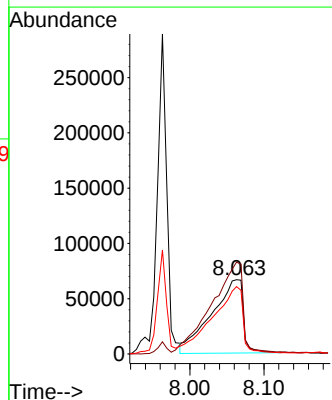
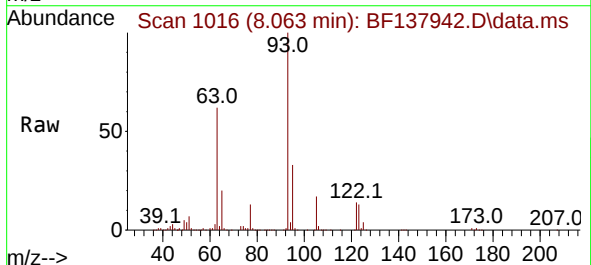
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

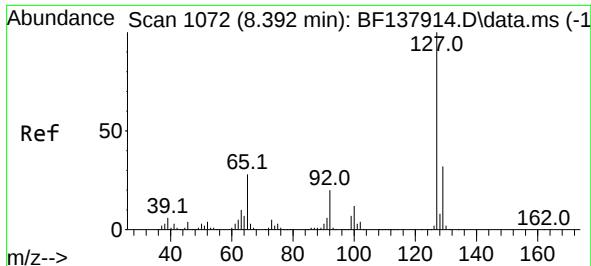
Tgt Ion:128 Resp: 1069008
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 42.504 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:122 Resp: 197397
Ion Ratio Lower Upper
122 100
105 123.8 103.8 143.8
77 90.8 68.4 108.4

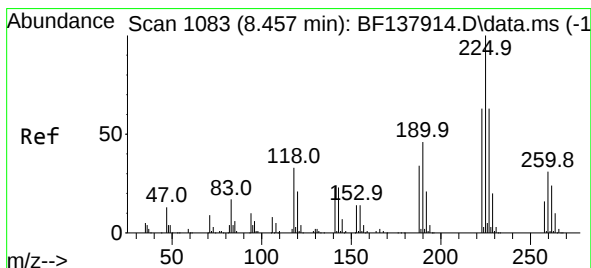
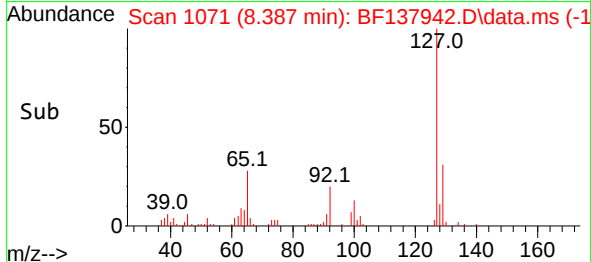
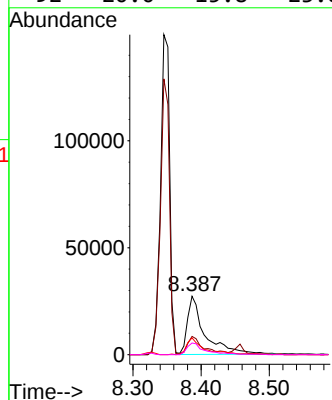
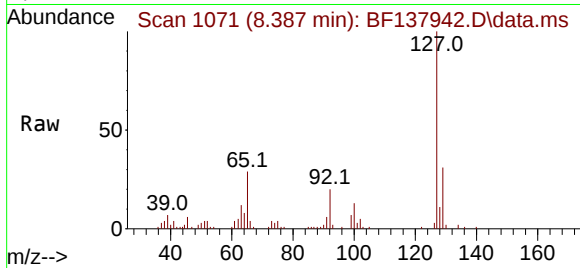




#33
4-Chloroaniline
Concen: 5.944 ng
RT: 8.387 min Scan# 1072
Delta R.T. -0.006 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

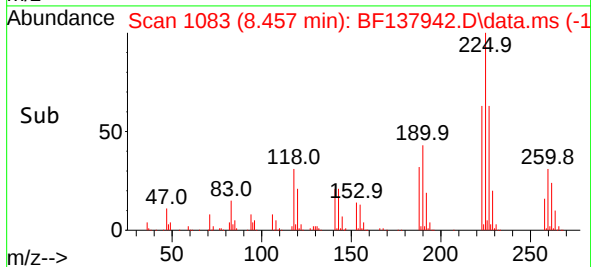
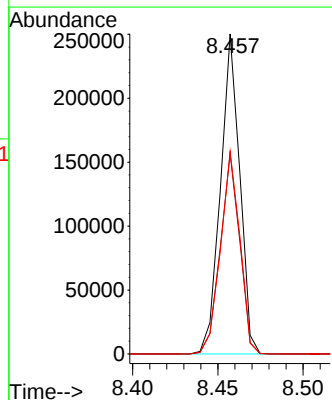
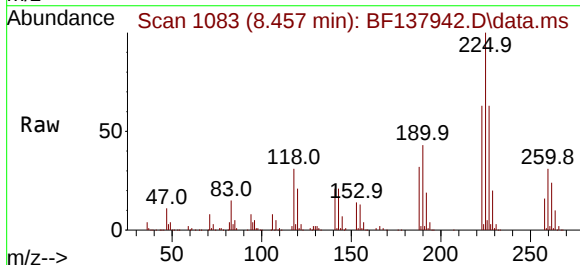
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

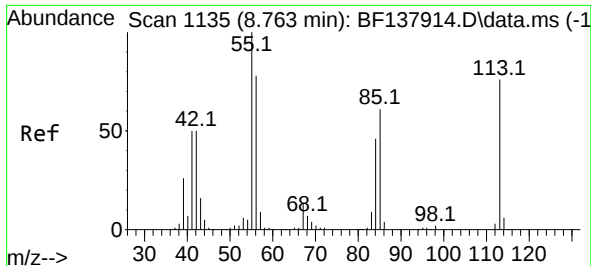
Tgt Ion:	127	Resp:	48265
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.4	38.2
65	28.7	22.0	33.0
92	20.0	15.8	23.8



#34
Hexachlorobutadiene
Concen: 40.247 ng
RT: 8.457 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:	225	Resp:	196501
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.0	75.0
227	63.3	50.2	75.4

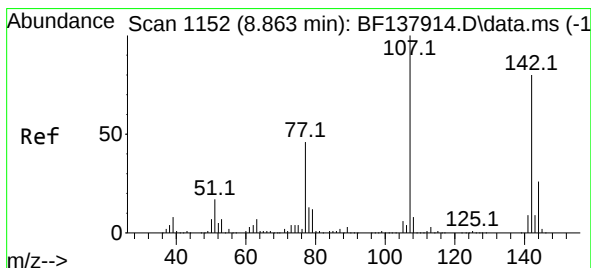
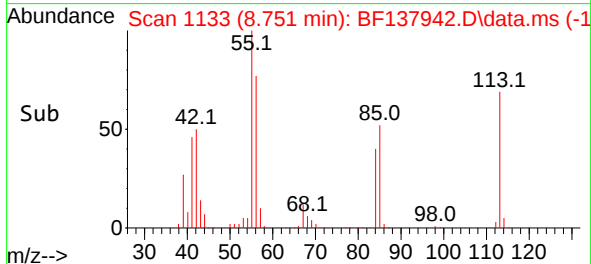
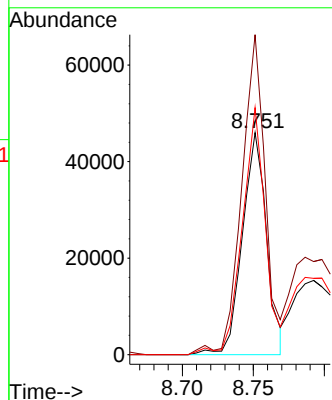
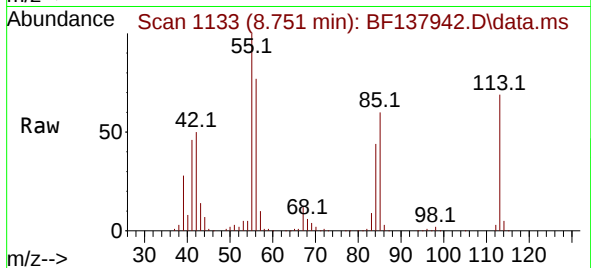




#35
Caprolactam
Concen: 27.115 ng
RT: 8.751 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

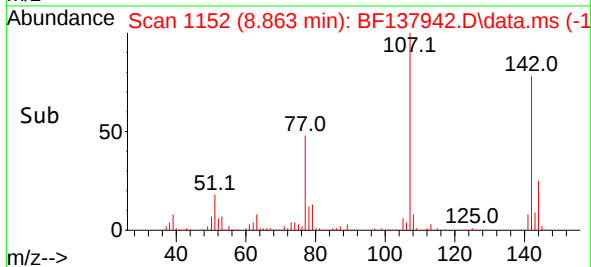
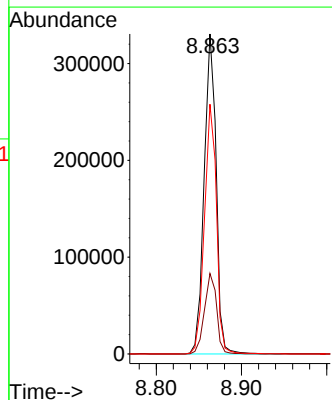
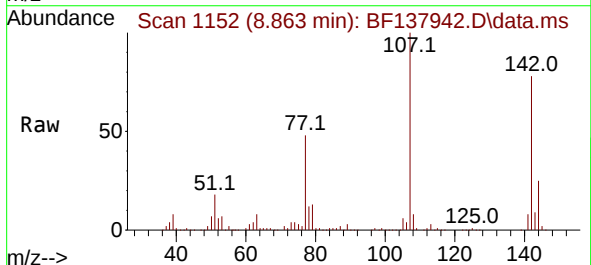
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

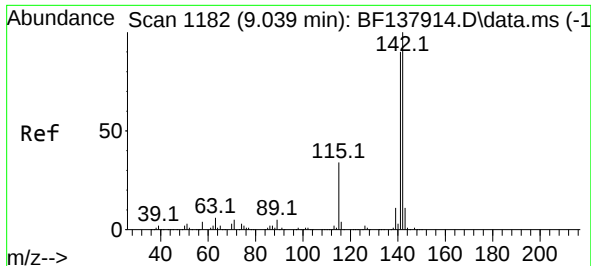
Tgt Ion:113 Resp: 54272
Ion Ratio Lower Upper
113 100
55 144.1 112.3 152.3
56 111.2 82.7 122.7



#36
4-Chloro-3-methylphenol
Concen: 45.976 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:107 Resp: 323113
Ion Ratio Lower Upper
107 100
144 25.2 20.7 31.1
142 78.1 64.0 96.0





#37

2-Methylnaphthalene

Concen: 44.494 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

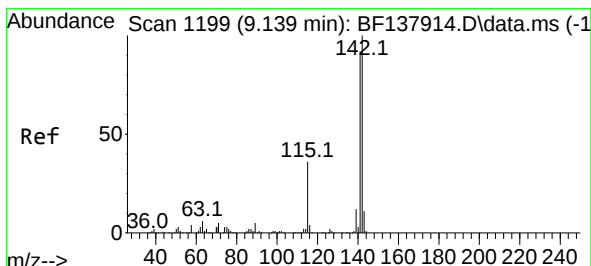
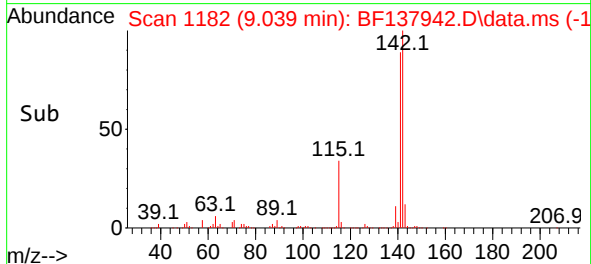
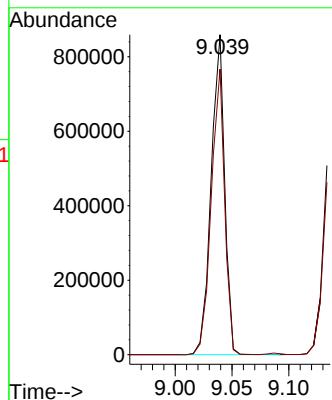
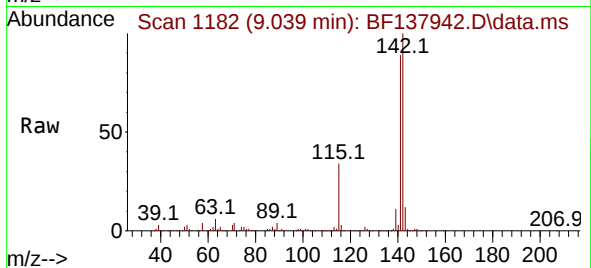
WC-MH-JJMSD

Tgt Ion:142 Resp: 708471

Ion Ratio Lower Upper

142 100

141 89.3 72.0 108.0



#38

1-Methylnaphthalene

Concen: 41.795 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF137942.D

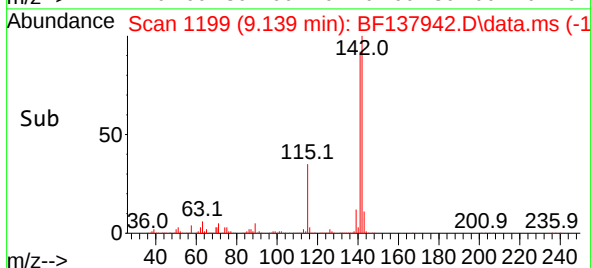
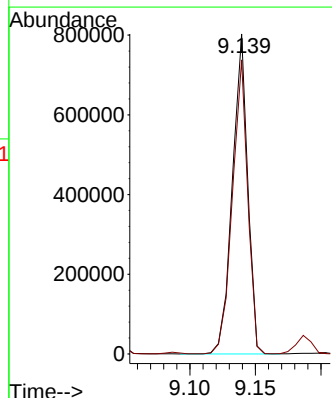
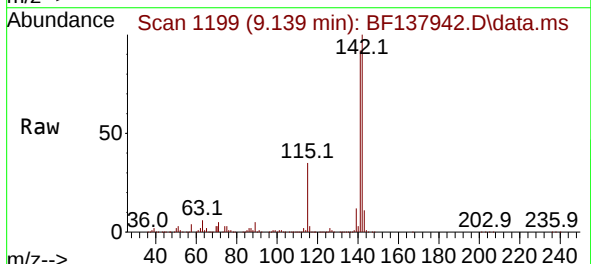
Acq: 17 May 2024 20:15

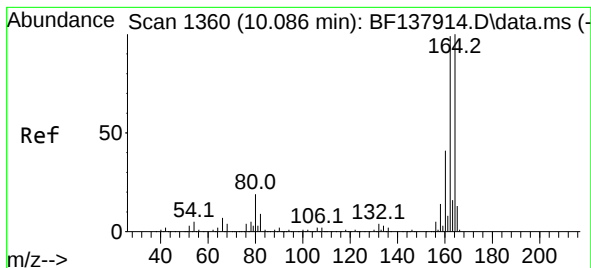
Tgt Ion:142 Resp: 654259

Ion Ratio Lower Upper

142 100

141 91.9 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: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

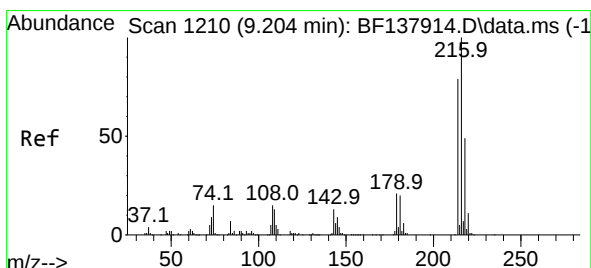
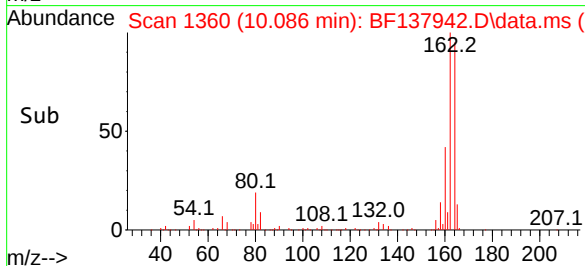
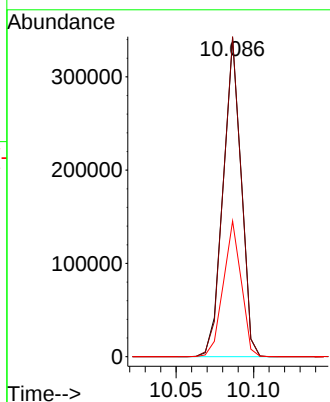
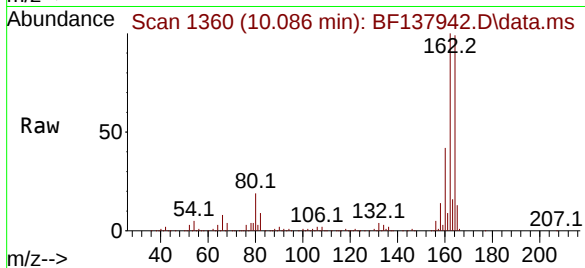
Tgt Ion:164 Resp: 276337

Ion Ratio Lower Upper

164 100

162 100.5 79.4 119.2

160 42.6 33.1 49.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.329 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Tgt Ion:216 Resp: 333026

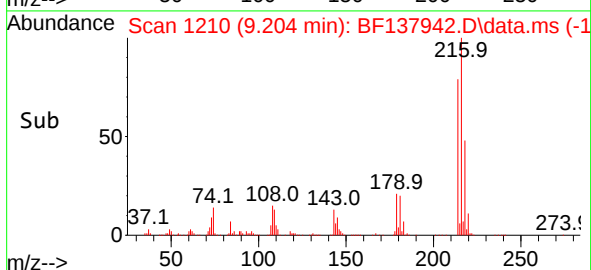
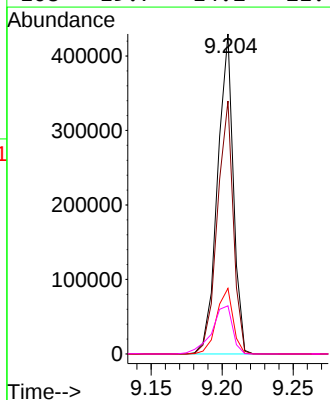
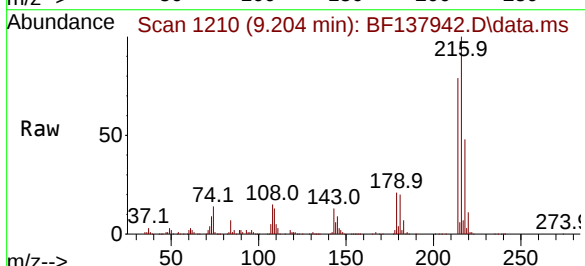
Ion Ratio Lower Upper

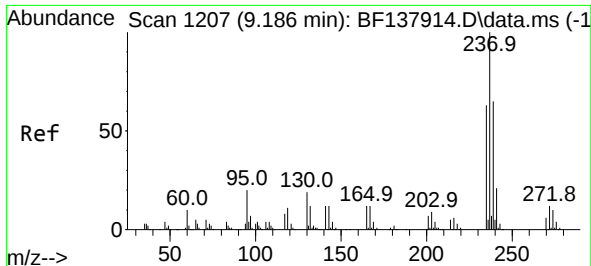
216 100

214 79.2 63.4 95.2

179 21.2 17.0 25.4

108 19.7 14.2 21.4

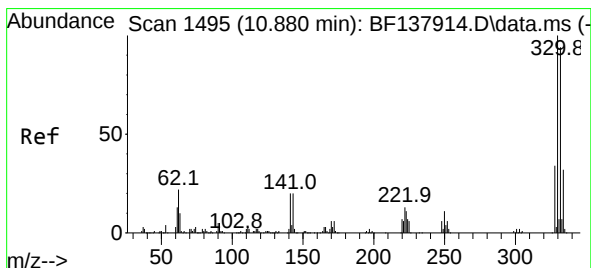
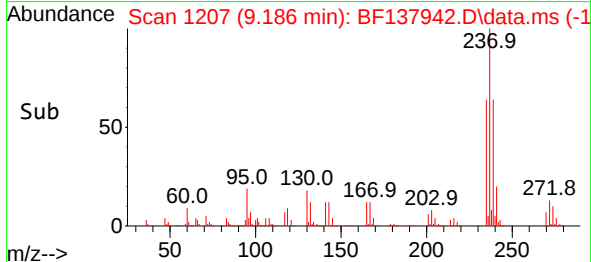
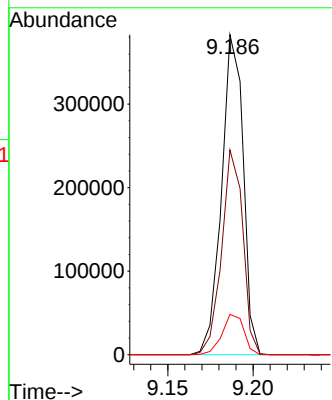
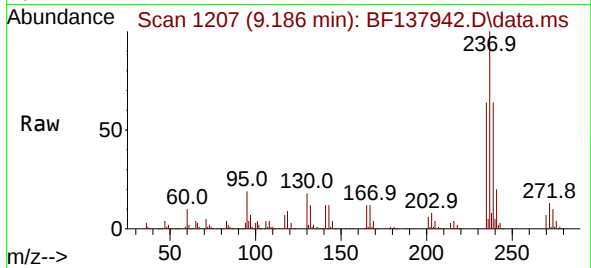




#41
Hexachlorocyclopentadiene
Concen: 118.453 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

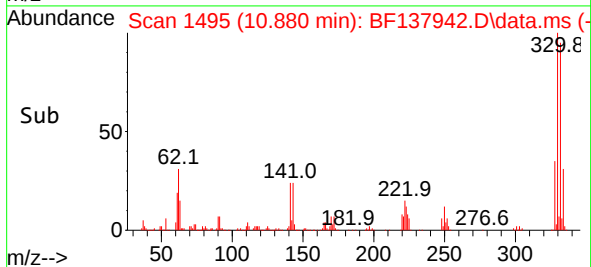
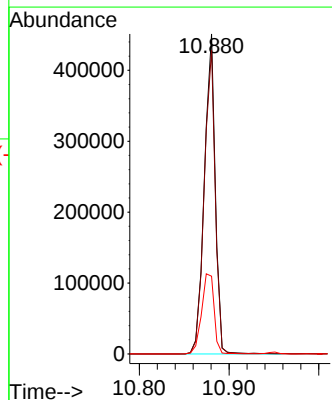
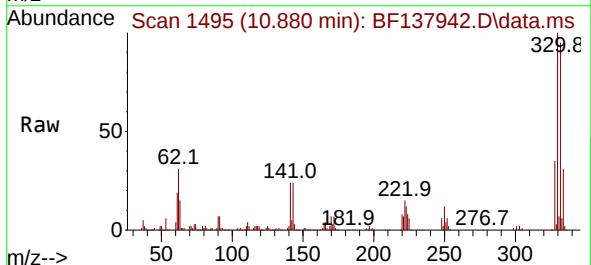
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

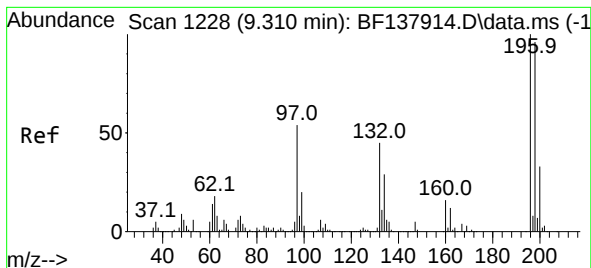
Tgt Ion:237 Resp: 338134
Ion Ratio Lower Upper
237 100
235 63.9 42.8 82.8
272 12.6 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 136.616 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:330 Resp: 380654
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.8
141 28.8 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 45.848 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

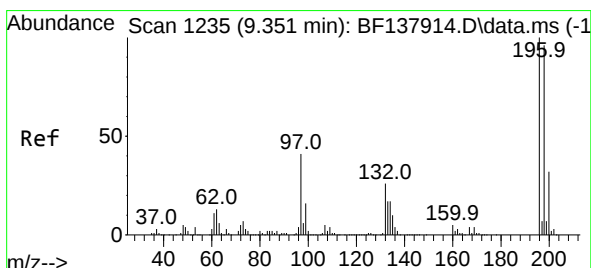
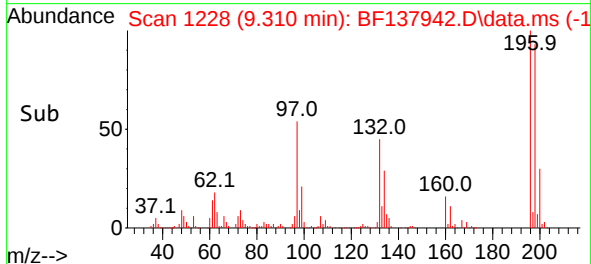
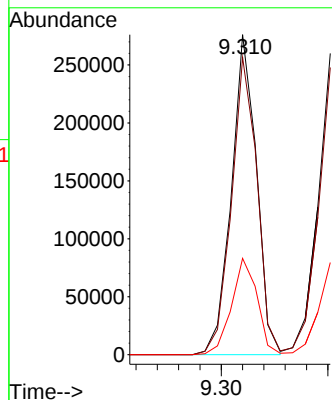
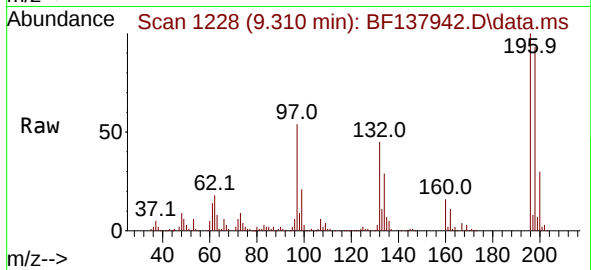
Tgt Ion:196 Resp: 225835

Ion Ratio Lower Upper

196 100

198 92.9 77.0 115.4

200 30.1 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 45.959 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Tgt Ion:196 Resp: 247704

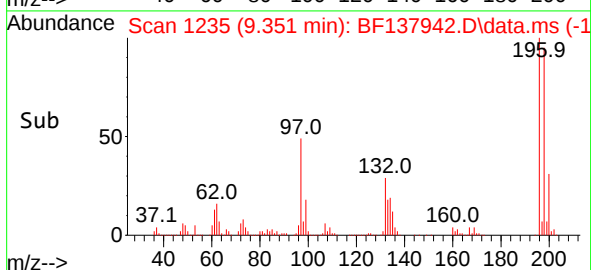
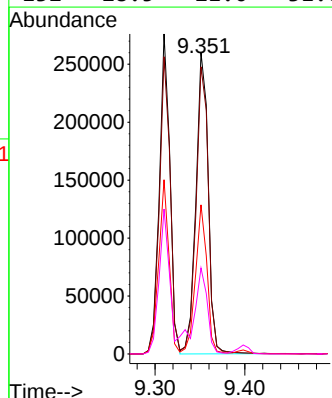
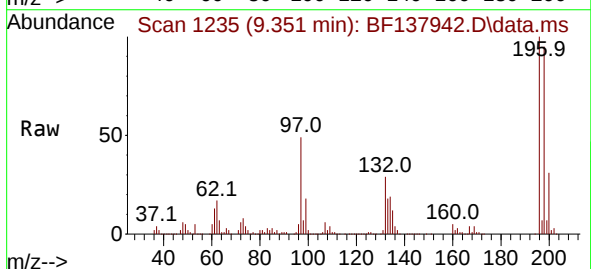
Ion Ratio Lower Upper

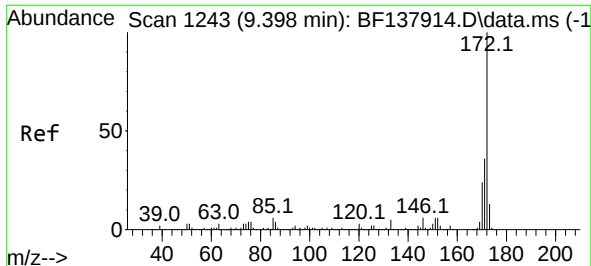
196 100

198 95.3 77.4 116.0

97 49.5 32.9 49.3#

132 28.5 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 83.855 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

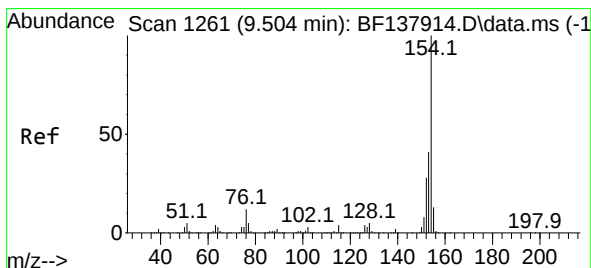
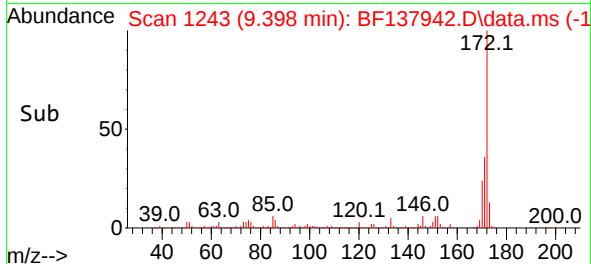
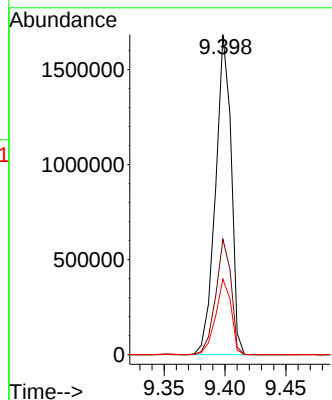
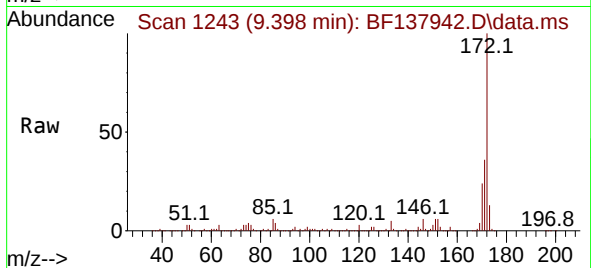
Tgt Ion:172 Resp: 1504310

Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 45.283 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

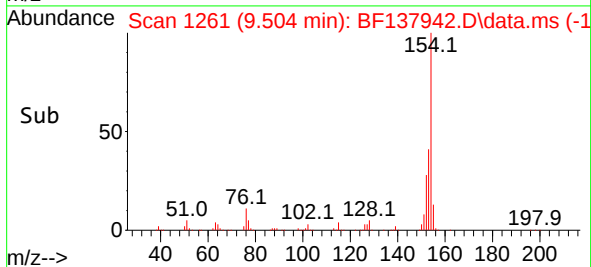
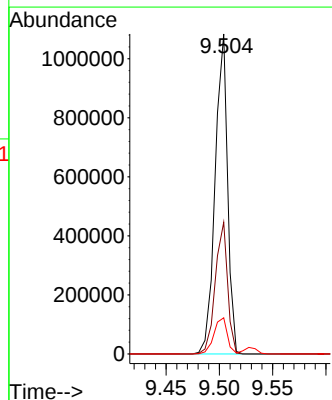
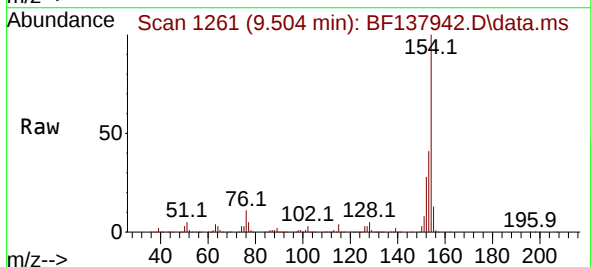
Tgt Ion:154 Resp: 877678

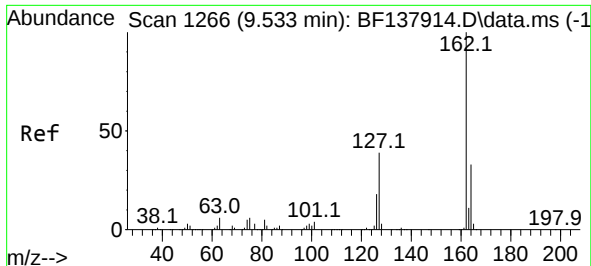
Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

76 11.3 0.0 31.9

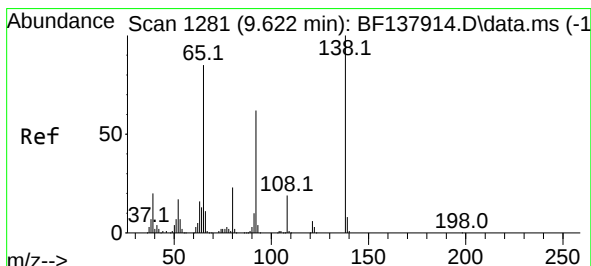
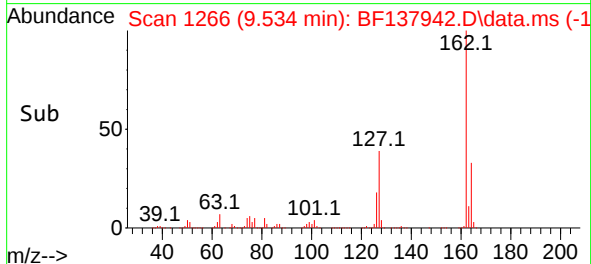
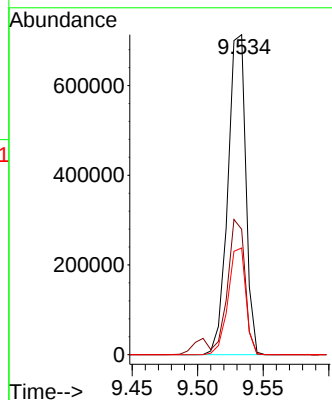
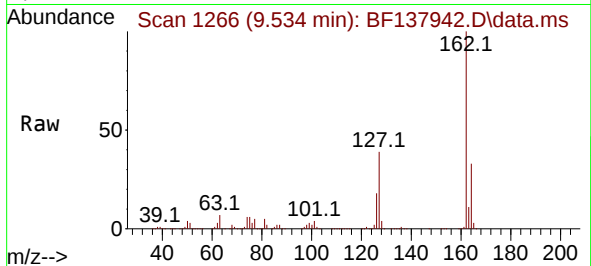




#47
2-Chloronaphthalene
Concen: 43.881 ng
RT: 9.534 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

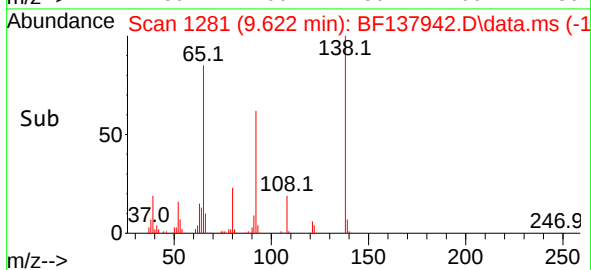
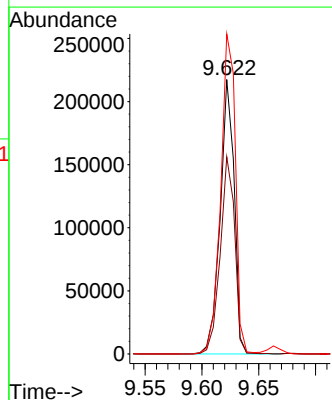
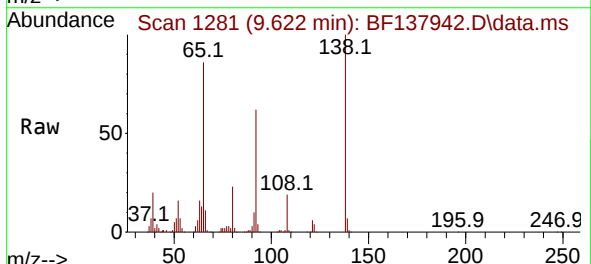
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

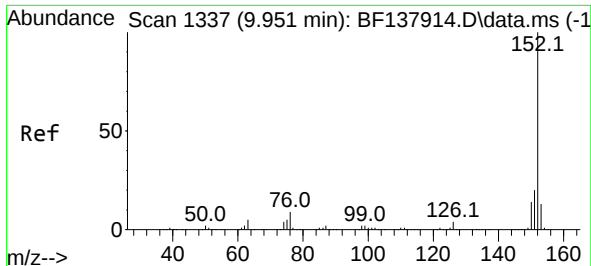
Tgt Ion:162 Resp: 678927
Ion Ratio Lower Upper
162 100
127 39.2 32.0 48.0
164 33.3 26.2 39.4



#48
2-Nitroaniline
Concen: 47.340 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion: 65 Resp: 187560
Ion Ratio Lower Upper
65 100
92 71.8 58.6 88.0
138 116.6 94.1 141.1





#49

Acenaphthylene

Concen: 48.751 ng

RT: 9.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

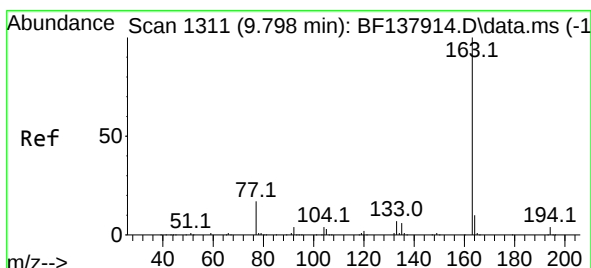
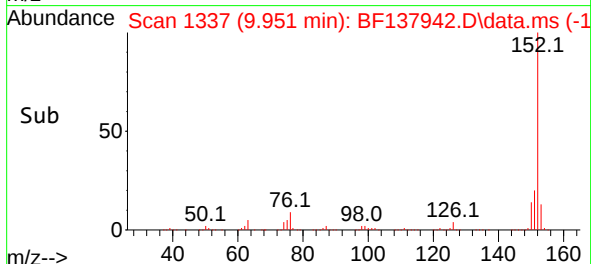
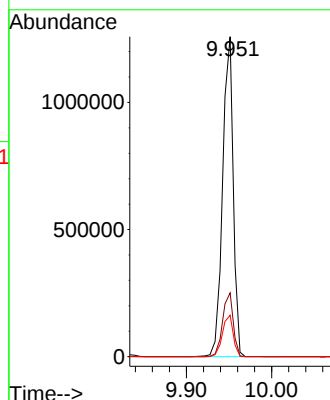
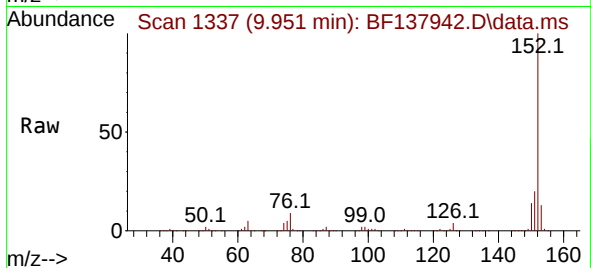
Tgt Ion:152 Resp: 1084545

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 12.9 10.2 15.4



#50

Dimethylphthalate

Concen: 47.711 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

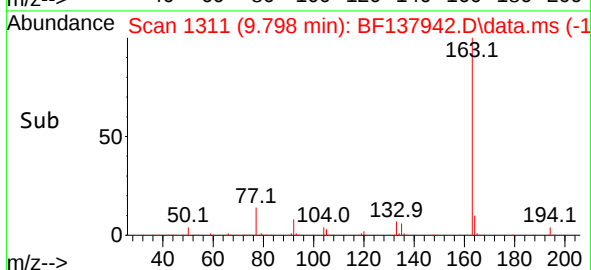
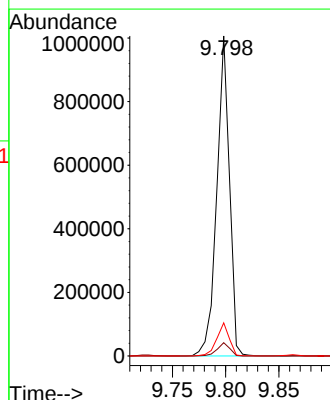
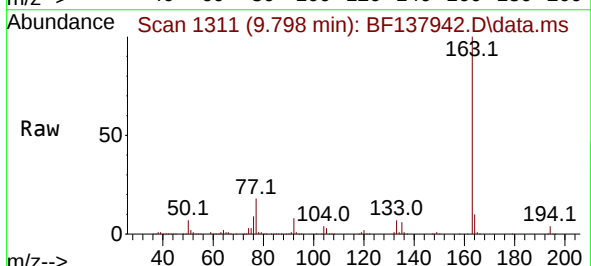
Tgt Ion:163 Resp: 826769

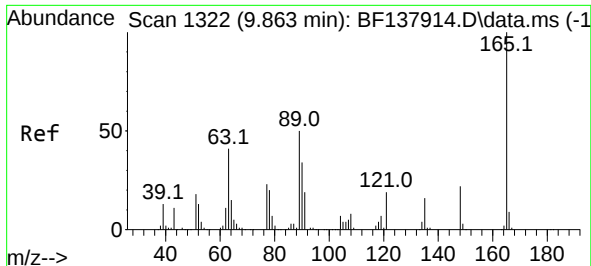
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.3 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 46.037 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

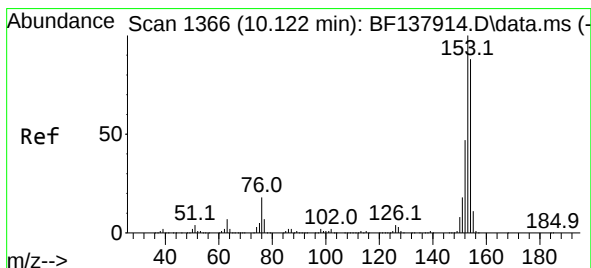
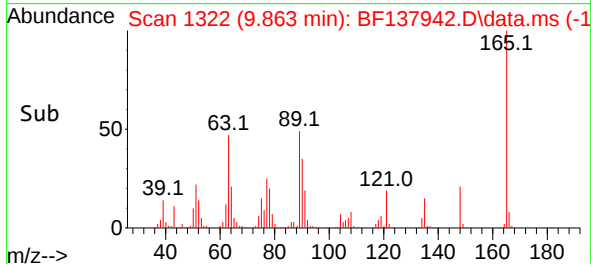
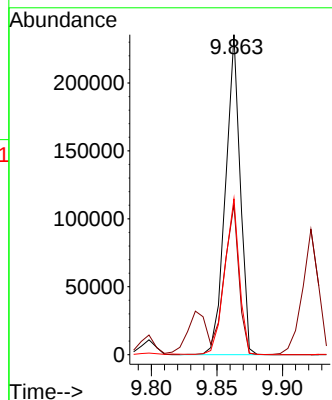
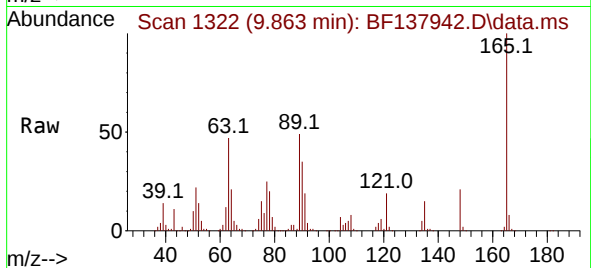
Tgt Ion:165 Resp: 183095

Ion Ratio Lower Upper

165 100

63 46.9 38.9 58.3

89 48.7 40.4 60.6



#52

Acenaphthene

Concen: 49.083 ng

RT: 10.122 min Scan# 1366

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

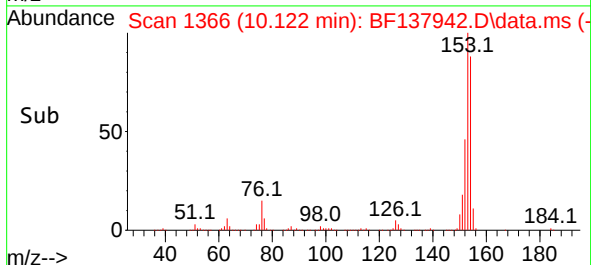
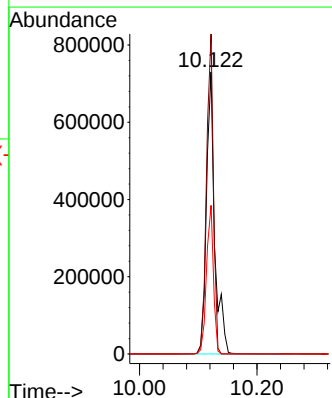
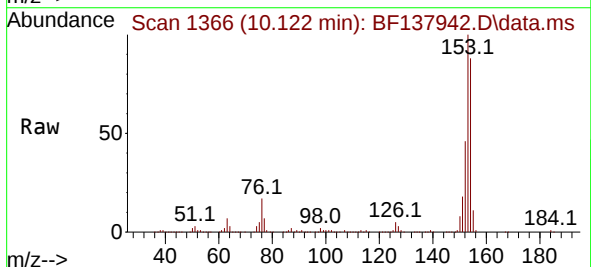
Tgt Ion:154 Resp: 721697

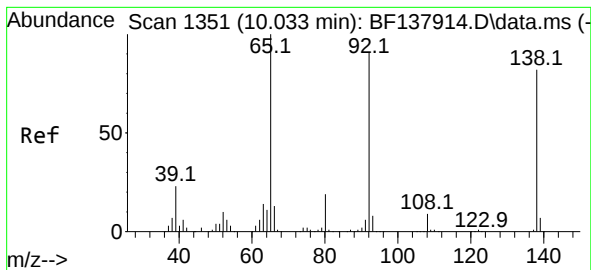
Ion Ratio Lower Upper

154 100

153 113.4 90.4 135.6

152 52.7 42.3 63.5

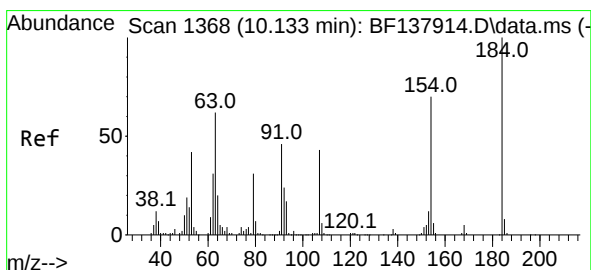
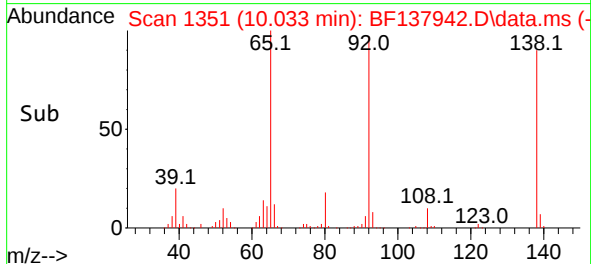
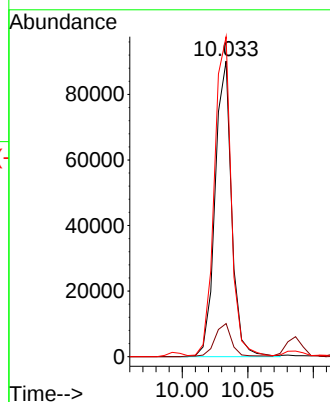
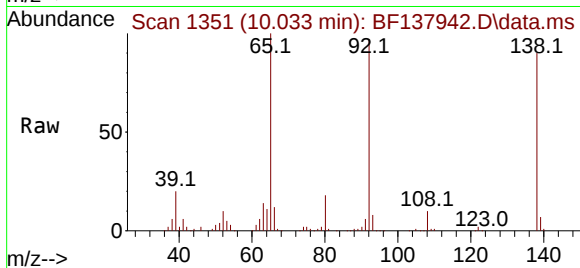




#53
3-Nitroaniline
Concen: 20.379 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

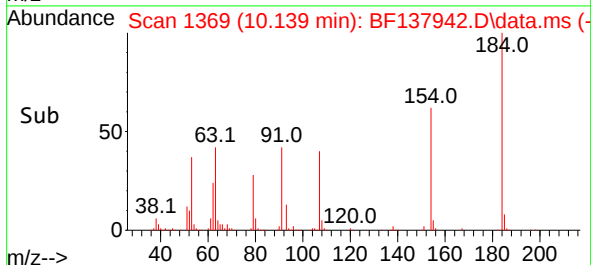
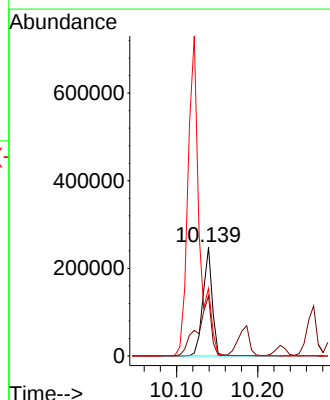
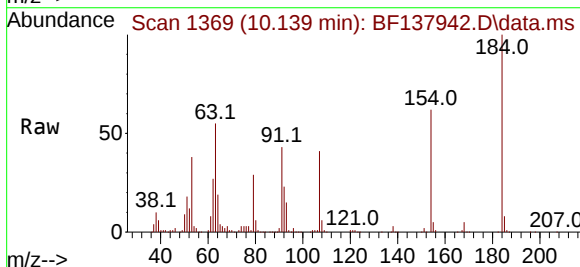
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

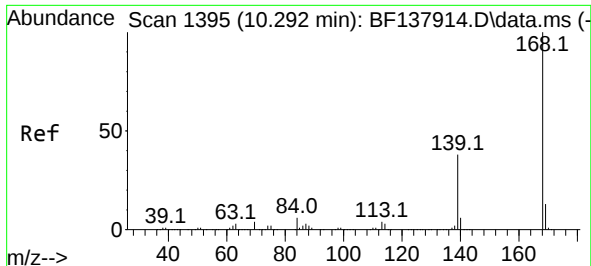
Tgt Ion:138 Resp: 79236
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 108.2 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 91.040 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:184 Resp: 197872
Ion Ratio Lower Upper
184 100
63 55.2 50.4 75.6
154 62.4 63.7 95.5#

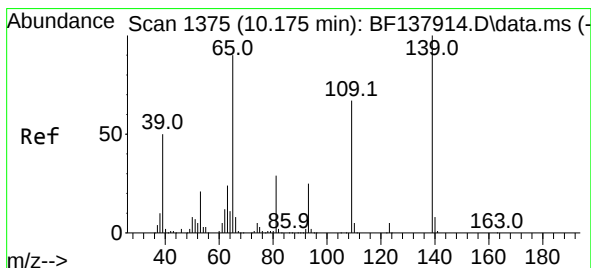
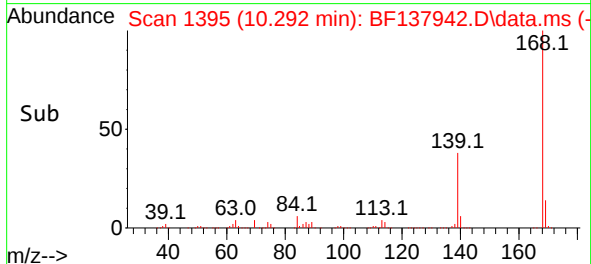
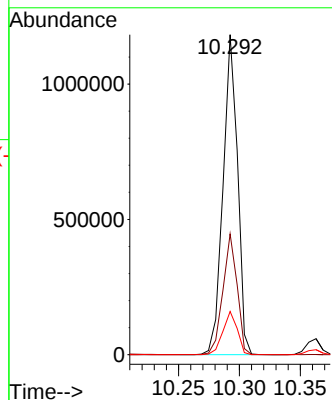
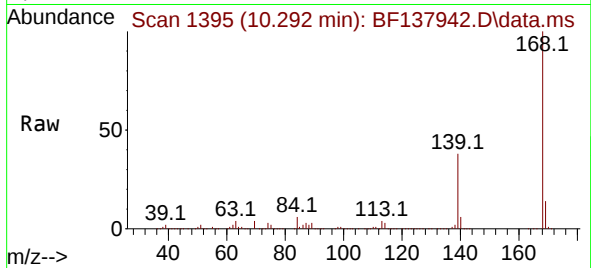




#55
Dibenzofuran
Concen: 45.807 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

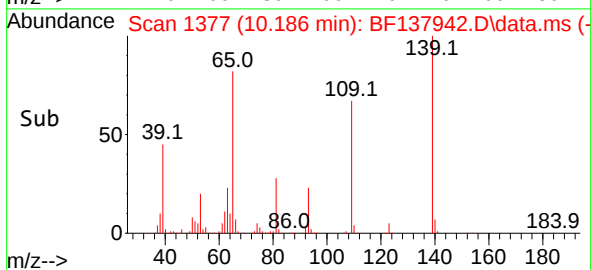
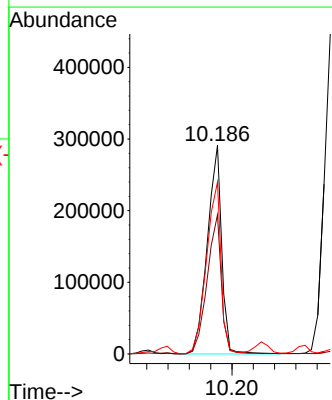
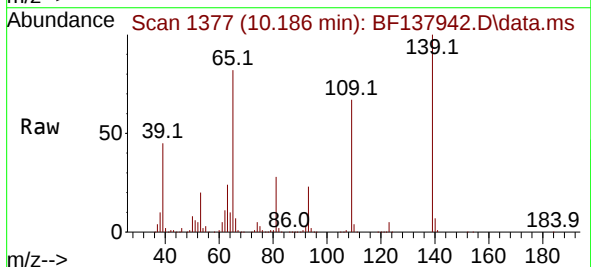
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

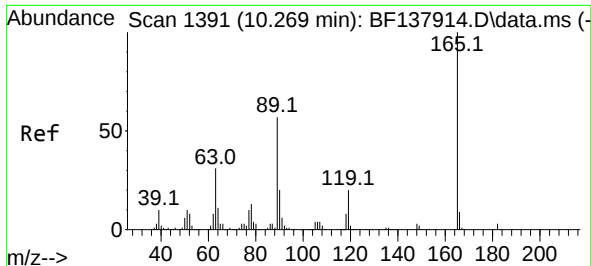
Tgt Ion:168 Resp: 980224
Ion Ratio Lower Upper
168 100
139 37.8 30.4 45.6
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 98.101 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:139 Resp: 273950
Ion Ratio Lower Upper
139 100
109 66.8 46.5 86.5
65 82.4 70.4 110.4

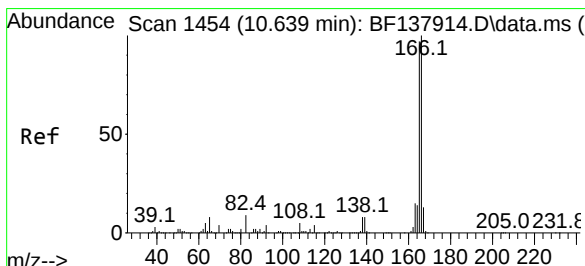
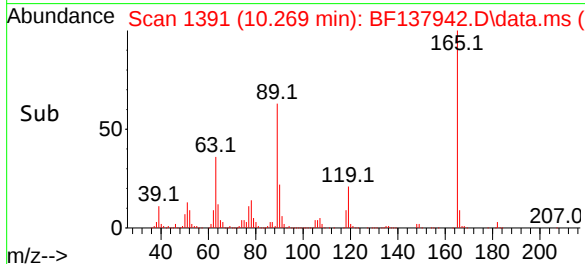
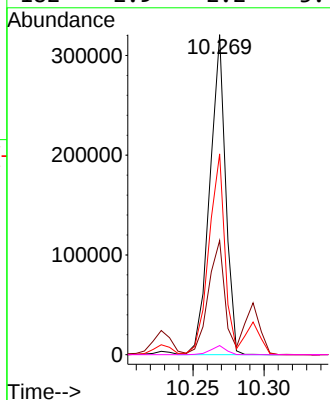
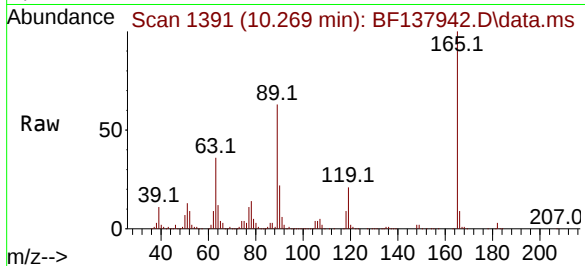




#57
2,4-Dinitrotoluene
Concen: 48.576 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

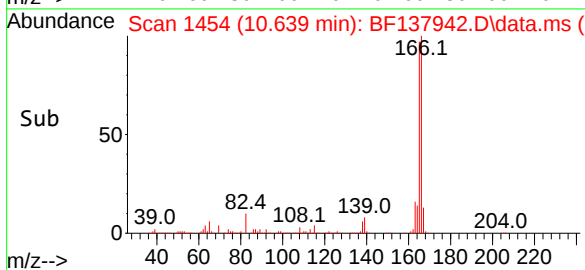
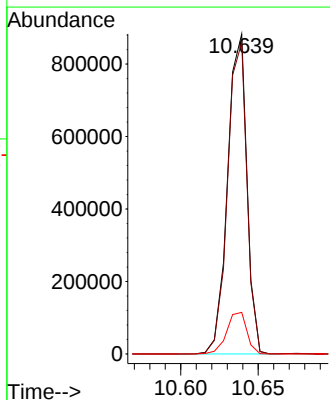
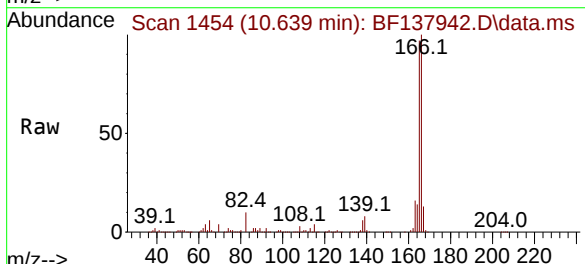
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

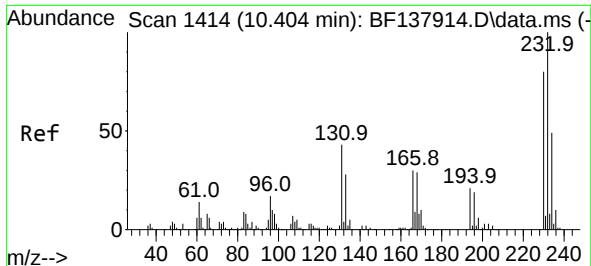
Tgt Ion:	165	Resp:	249757
Ion	Ratio	Lower	Upper
165	100		
63	35.7	25.3	37.9
89	62.8	45.9	68.9
182	2.9	2.2	3.4



#58
Fluorene
Concen: 45.207 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:	166	Resp:	765167
Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.8
167	13.0	10.4	15.6



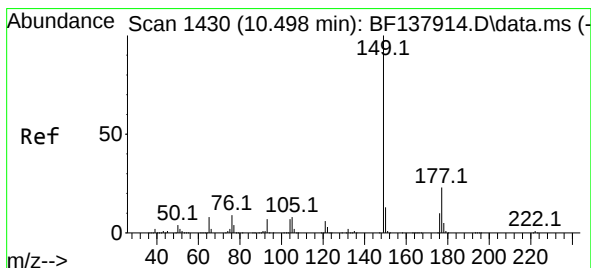
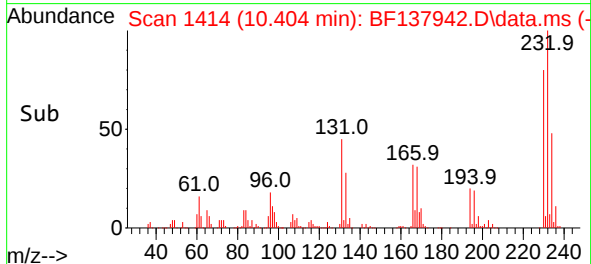
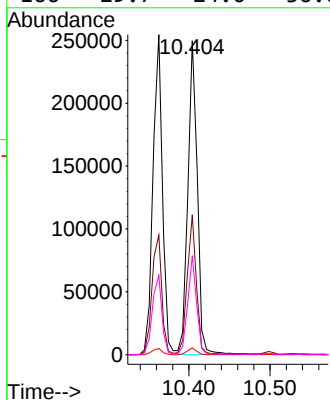
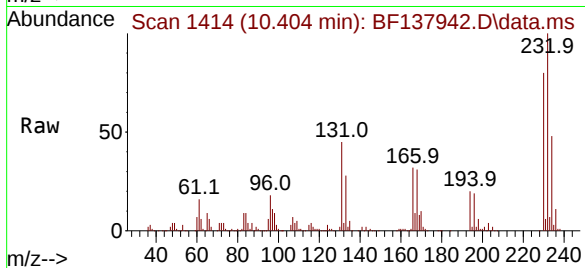


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.533 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

Tgt Ion:232 Resp: 201254

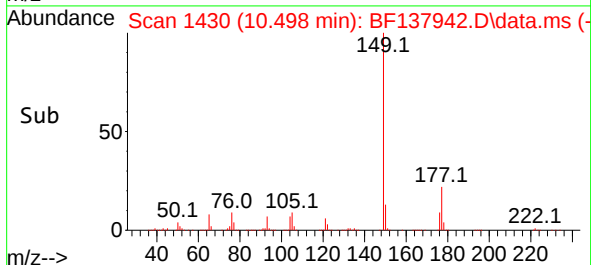
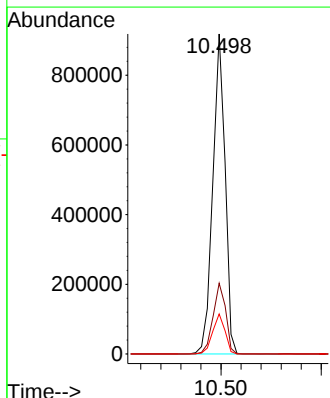
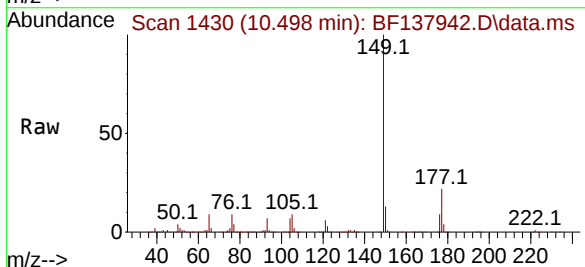
Ion	Ratio	Lower	Upper
232	100		
131	43.2	34.4	51.6
130	2.1	1.7	2.5
166	29.7	24.0	36.0

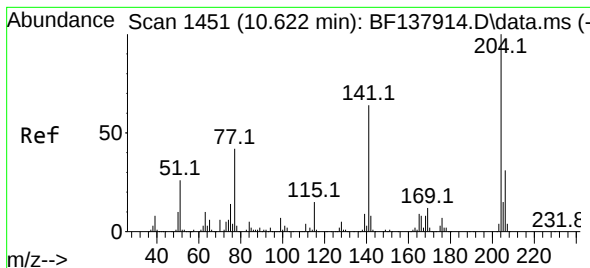


#60
Diethylphthalate
Concen: 48.109 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:149 Resp: 778588

Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.4	27.6
150	12.5	10.1	15.1

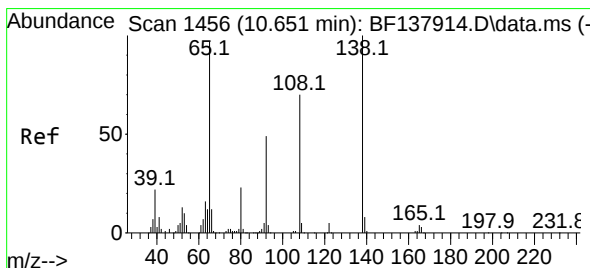
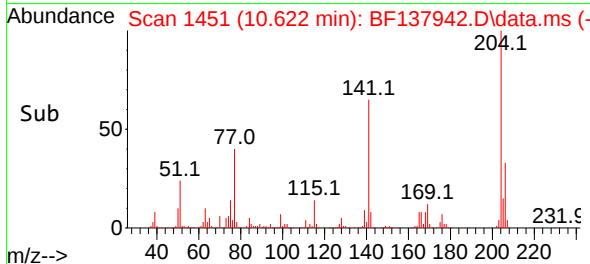
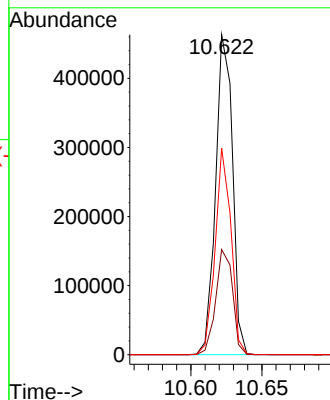
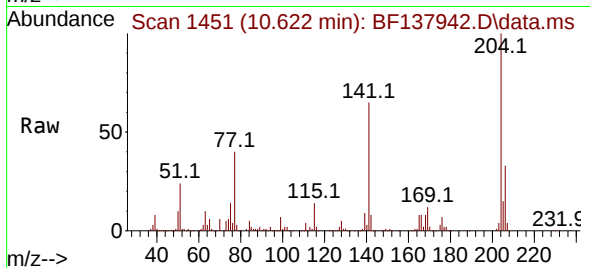




#61
4-Chlorophenyl-phenylether
Concen: 45.898 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

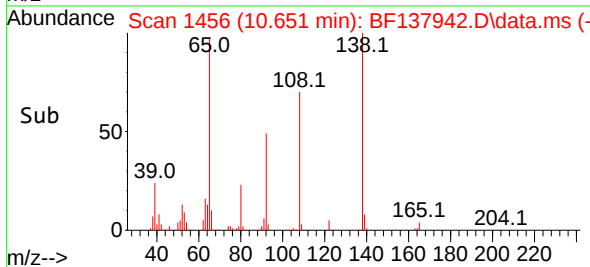
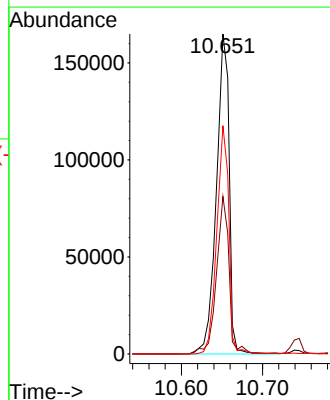
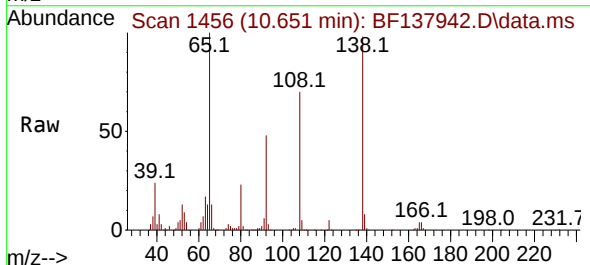
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

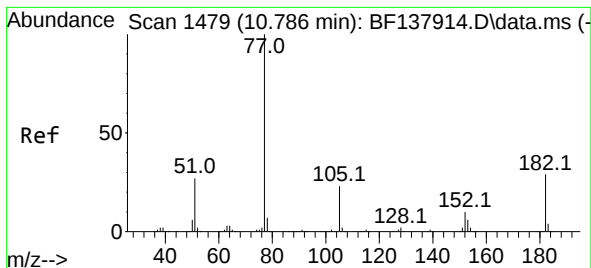
Tgt Ion:204 Resp: 383111
Ion Ratio Lower Upper
204 100
206 32.9 25.1 37.7
141 64.6 51.0 76.6



#62
4-Nitroaniline
Concen: 48.894 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:138 Resp: 180310
Ion Ratio Lower Upper
138 100
92 49.2 29.0 69.0
108 71.4 49.7 89.7





#63

Azobenzene

Concen: 47.388 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

Tgt Ion: 77 Resp: 697580

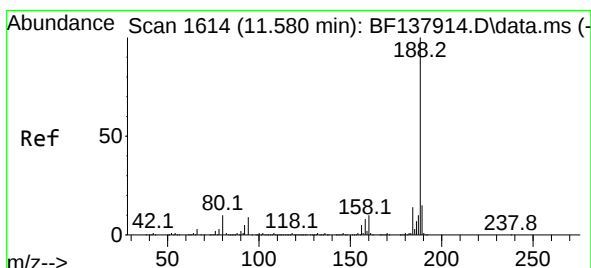
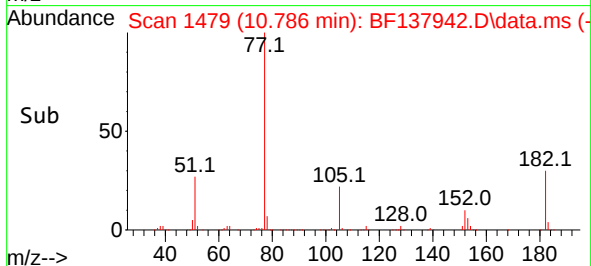
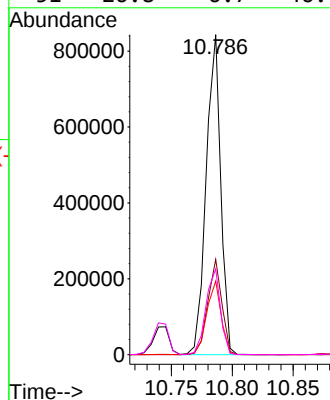
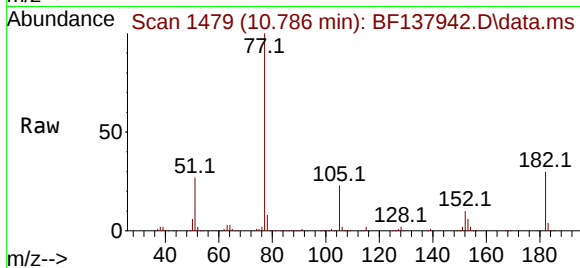
Ion Ratio Lower Upper

77 100

182 29.8 9.2 49.2

105 23.0 3.1 43.1

51 26.8 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: BF137942.D

Acq: 17 May 2024 20:15

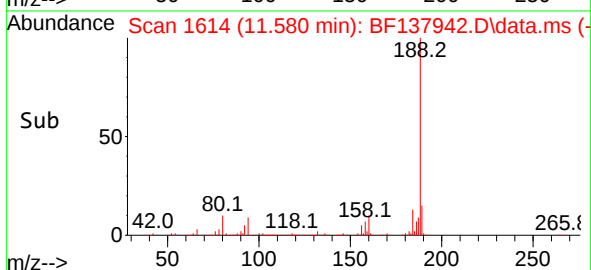
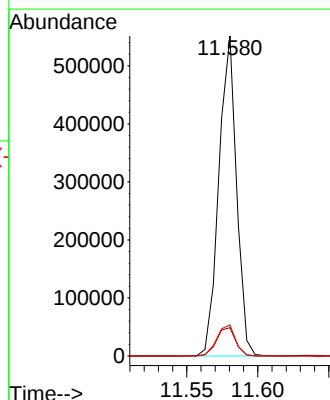
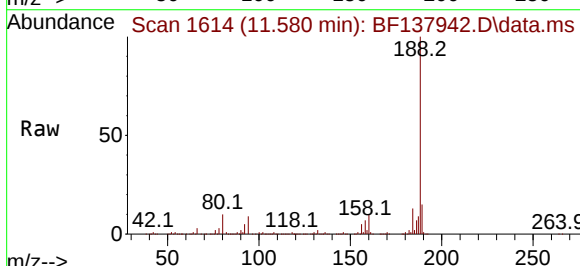
Tgt Ion: 188 Resp: 476545

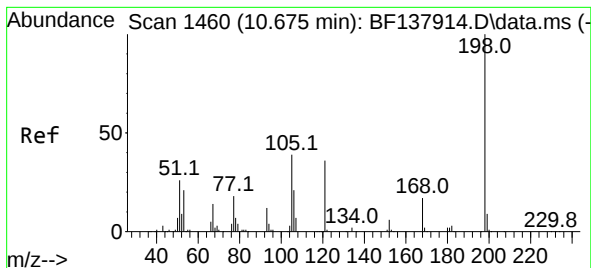
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 9.7 7.7 11.5

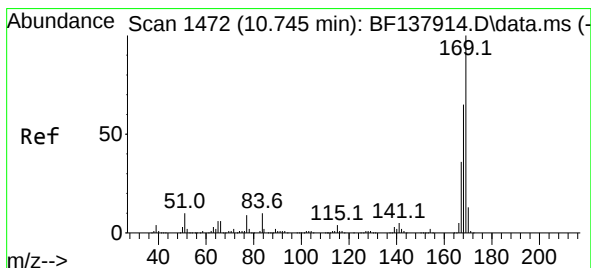
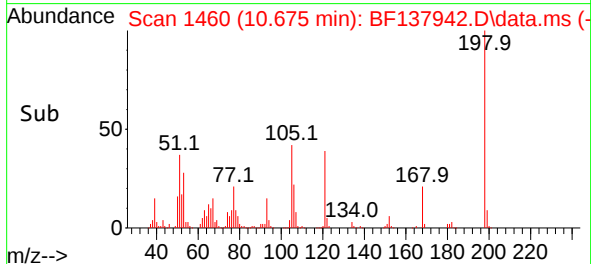
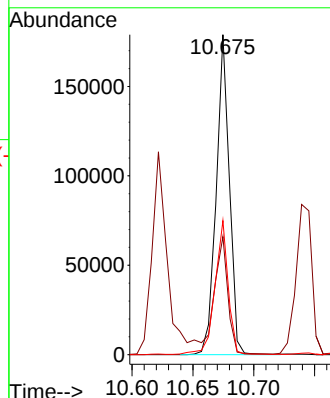
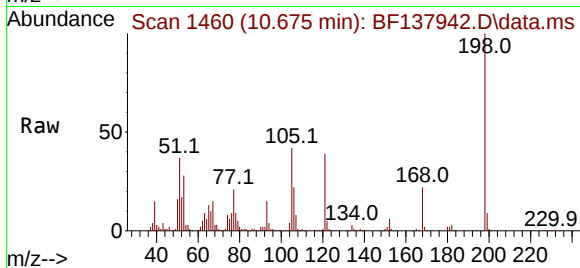




#65
4,6-Dinitro-2-methylphenol
Concen: 48.853 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

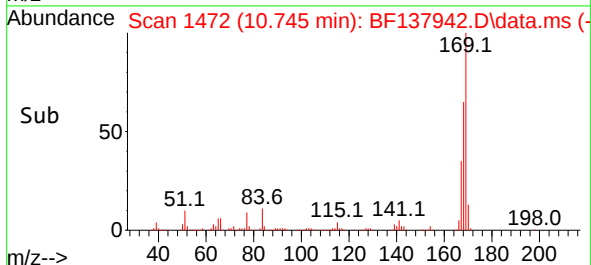
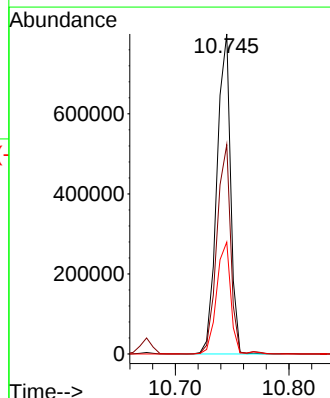
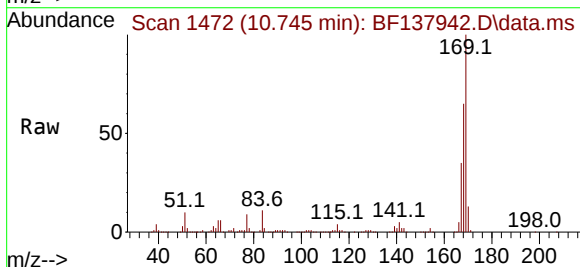
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

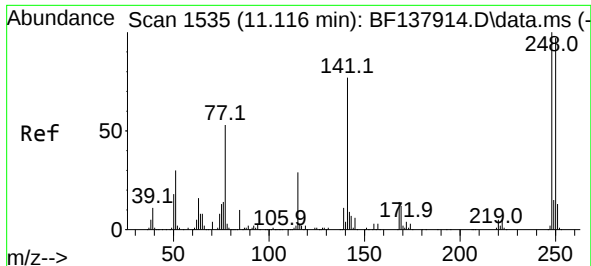
Tgt Ion:198 Resp: 134424
Ion Ratio Lower Upper
198 100
51 36.9 13.8 53.8
105 41.9 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 45.715 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:169 Resp: 668093
Ion Ratio Lower Upper
169 100
168 65.4 52.4 78.6
167 34.9 28.9 43.3

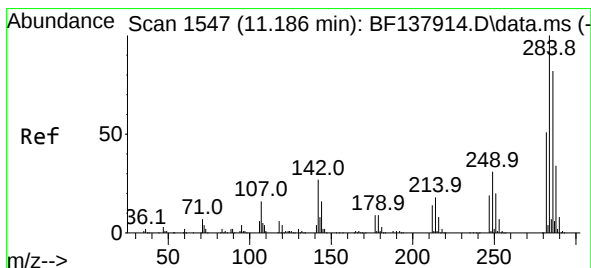
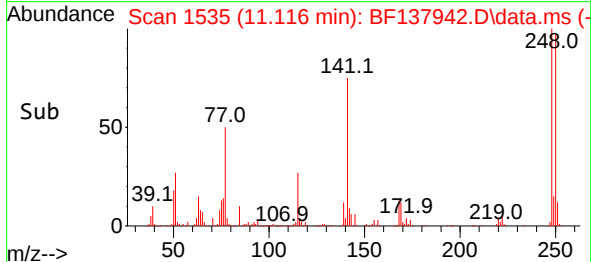
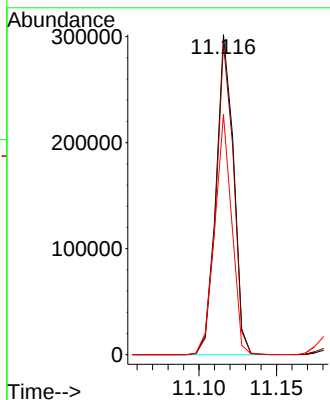
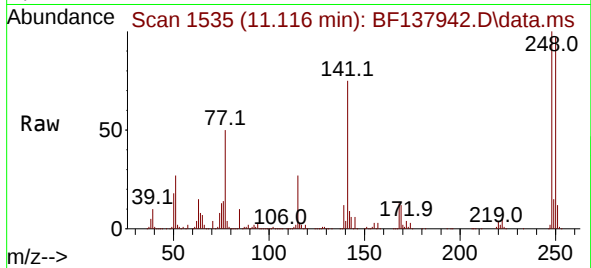




#67
4-Bromophenyl-phenylether
Concen: 45.668 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

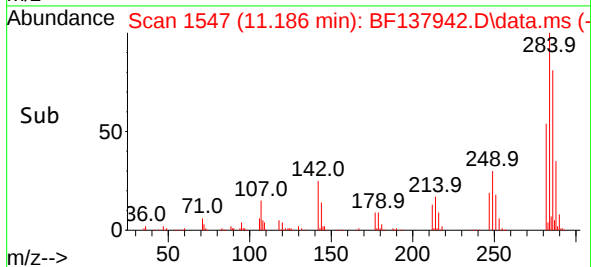
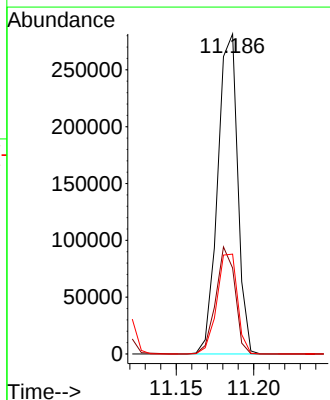
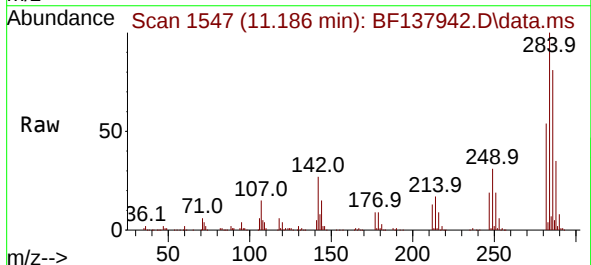
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

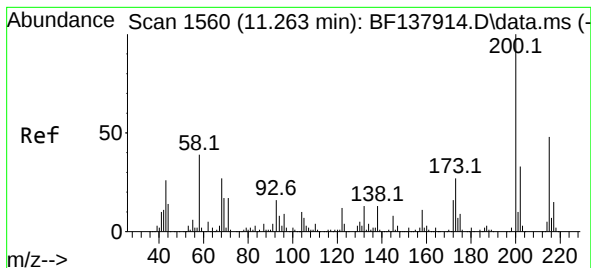
Tgt Ion:248 Resp: 238582
Ion Ratio Lower Upper
248 100
250 97.3 77.6 116.4
141 75.1 61.4 92.2



#68
Hexachlorobenzene
Concen: 43.792 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:284 Resp: 252895
Ion Ratio Lower Upper
284 100
142 26.9 21.3 31.9
249 31.2 24.6 37.0





#69

Atrazine

Concen: 56.739 ng

RT: 11.263 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

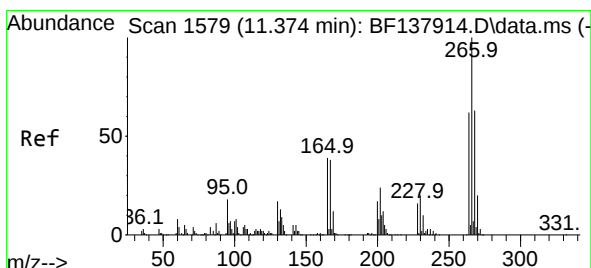
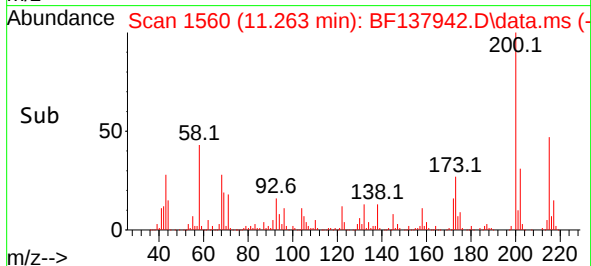
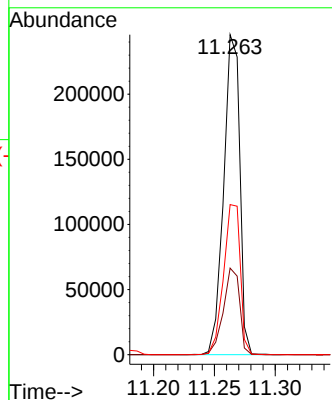
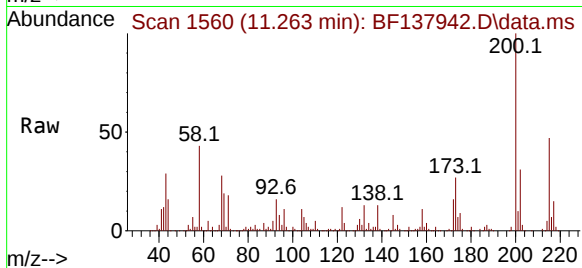
Tgt Ion:200 Resp: 226425

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

215 46.9 27.5 67.5



#70

Pentachlorophenol

Concen: 90.448 ng

RT: 11.375 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

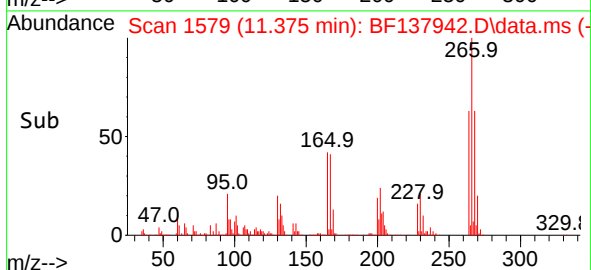
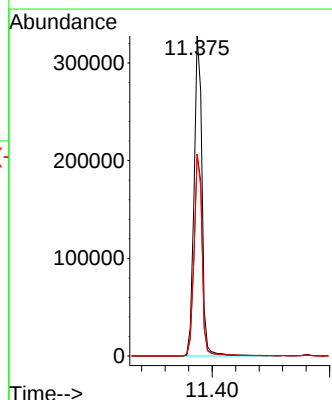
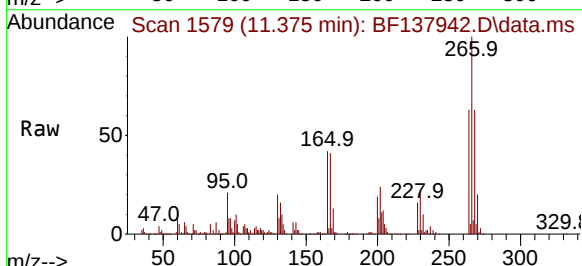
Tgt Ion:266 Resp: 305961

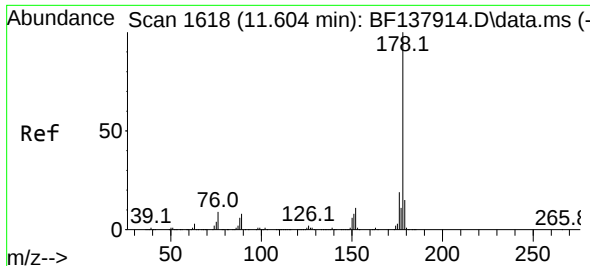
Ion Ratio Lower Upper

266 100

268 63.1 50.1 75.1

264 63.0 49.4 74.2

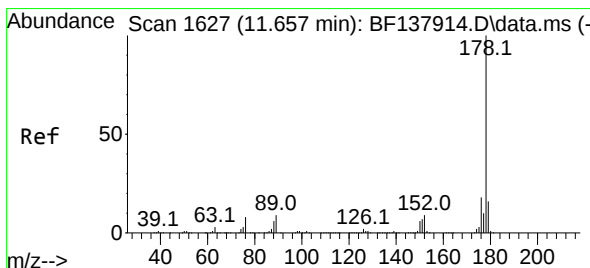
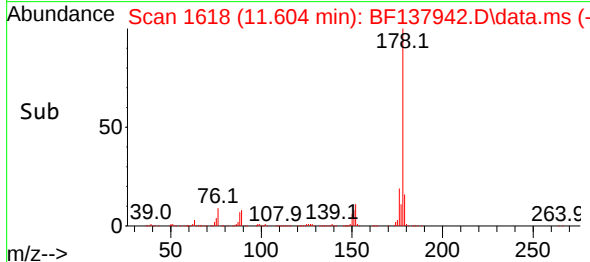
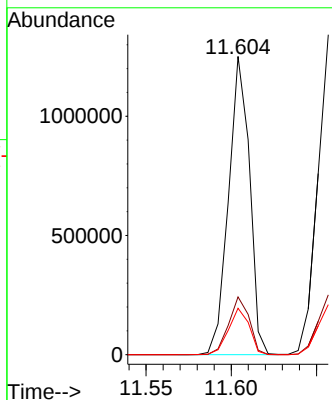
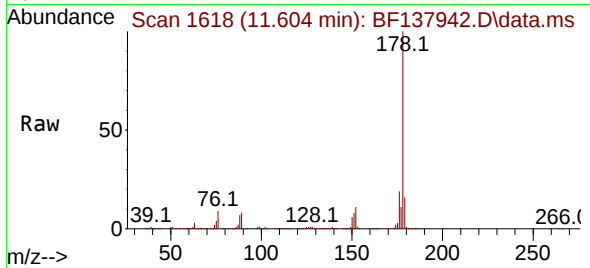




#71
Phenanthrene
Concen: 45.562 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

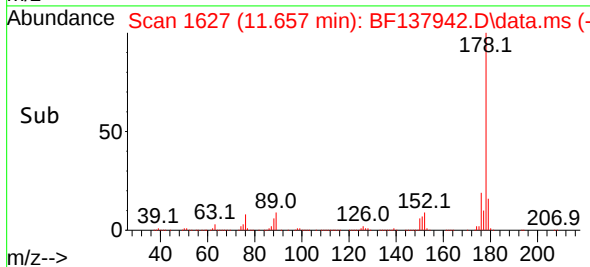
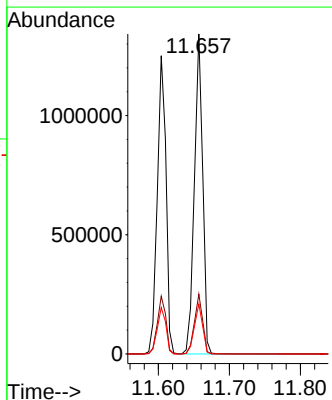
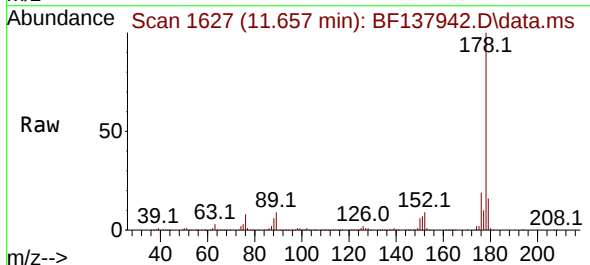
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

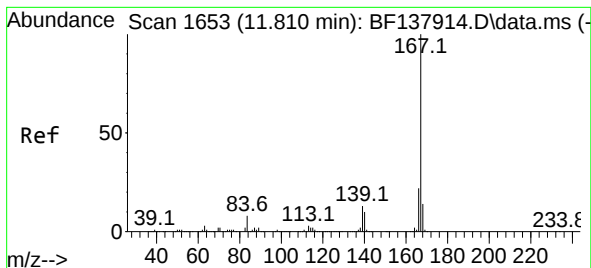
Tgt Ion:178 Resp: 1069961
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.6 12.2 18.4



#72
Anthracene
Concen: 47.032 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:178 Resp: 1095846
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.7 12.4 18.6





#73

Carbazole

Concen: 45.481 ng

RT: 11.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

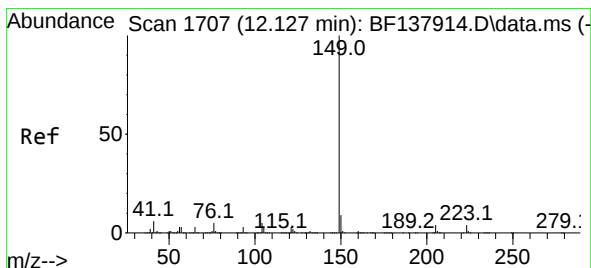
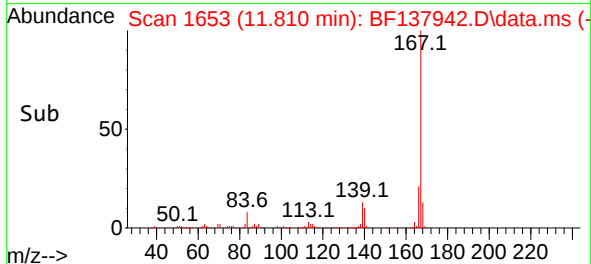
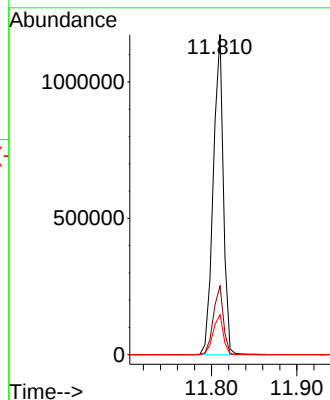
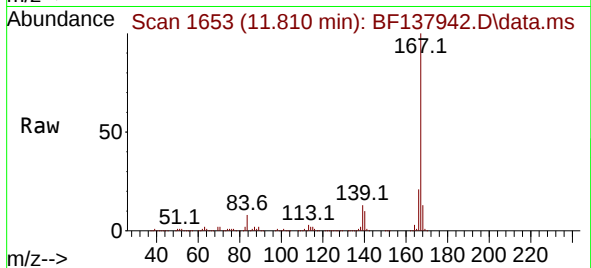
Tgt Ion:167 Resp: 968047

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 12.5 10.3 15.5



#74

Di-n-butylphthalate

Concen: 49.722 ng

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

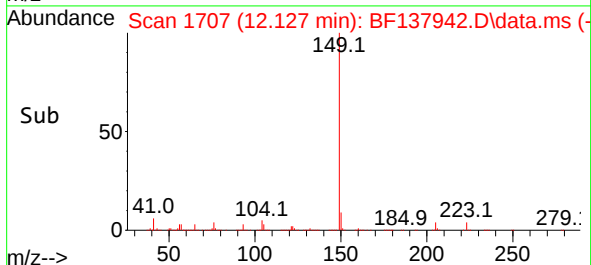
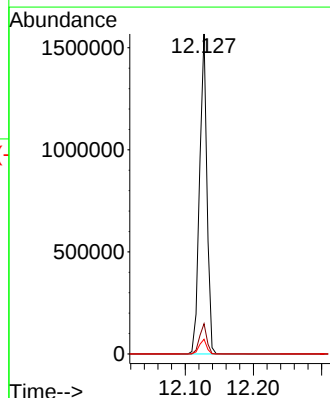
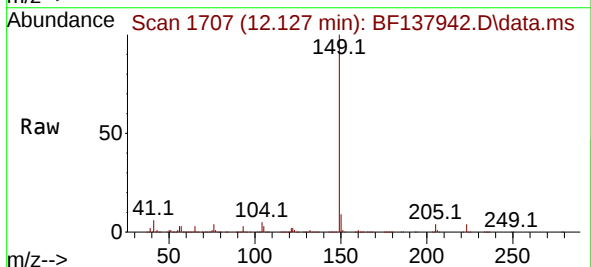
Tgt Ion:149 Resp: 1174490

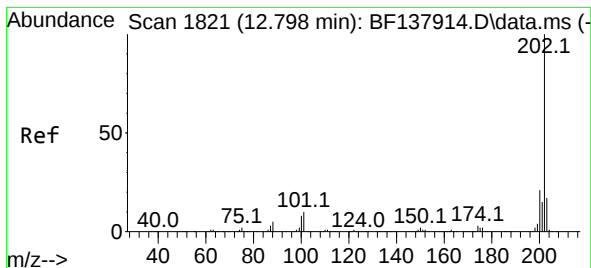
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 43.413 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

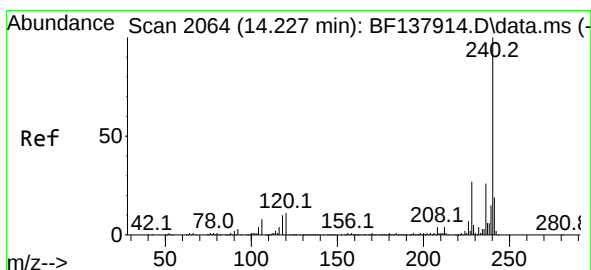
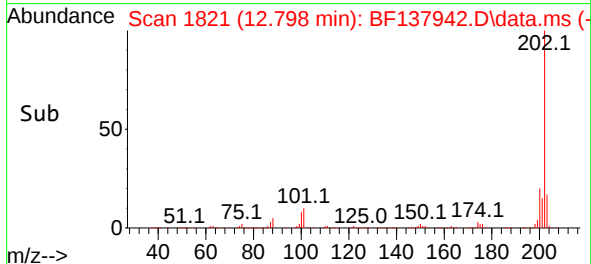
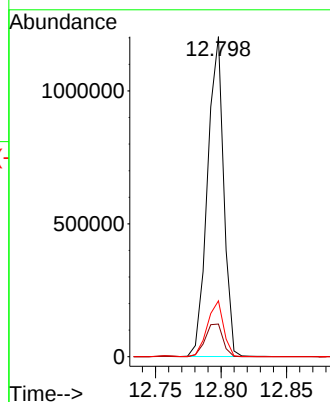
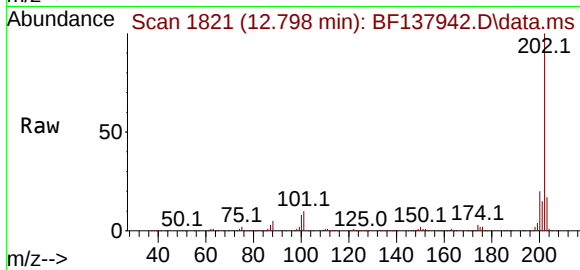
Tgt Ion:202 Resp: 1034804

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.5

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

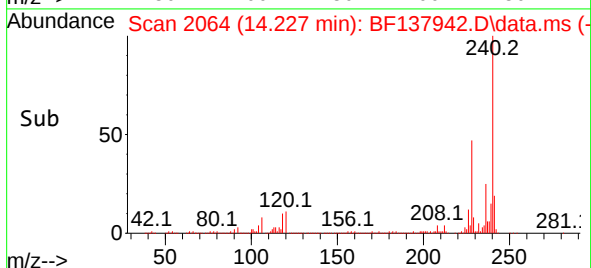
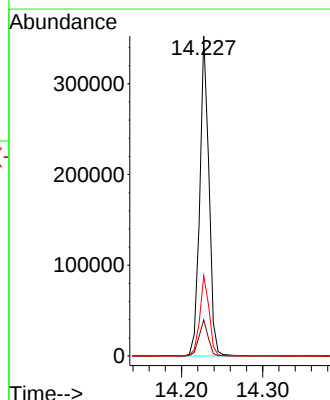
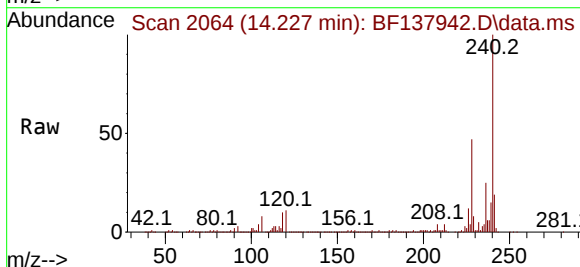
Tgt Ion:240 Resp: 277559

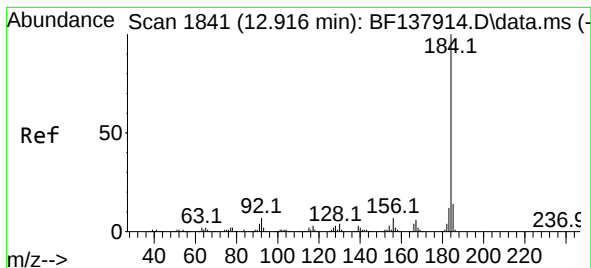
Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.1 21.0 31.4





#77

Benzidine

Concen: 35.305 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

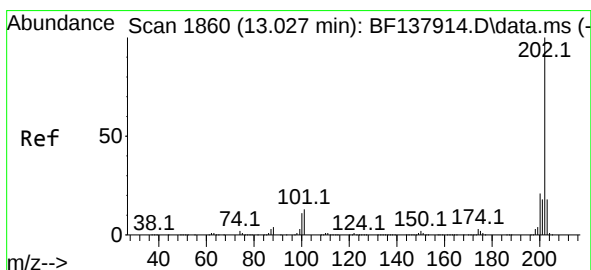
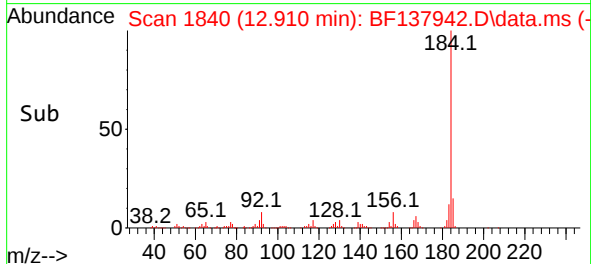
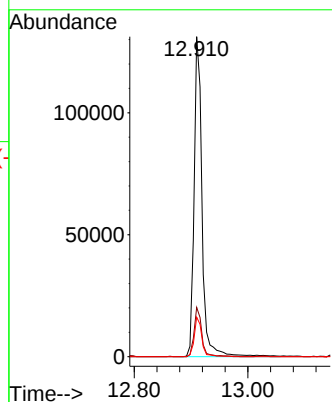
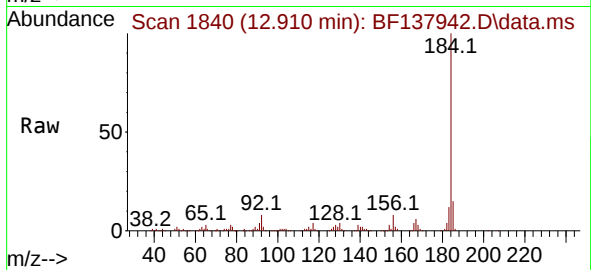
Tgt Ion:184 Resp: 128066

Ion Ratio Lower Upper

184 100

185 15.4 11.4 17.2

183 12.4 9.5 14.3



#78

Pyrene

Concen: 42.035 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

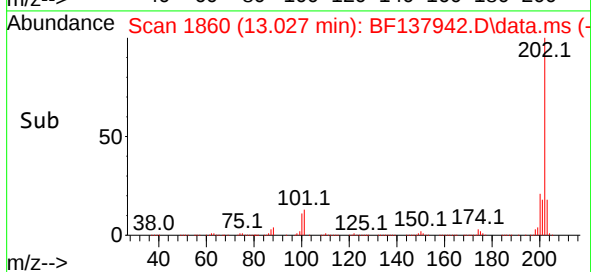
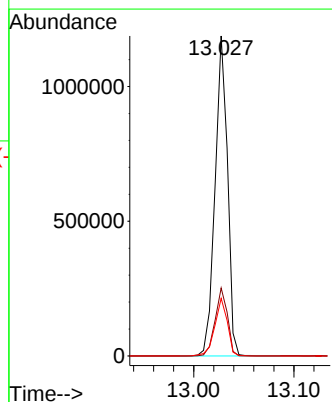
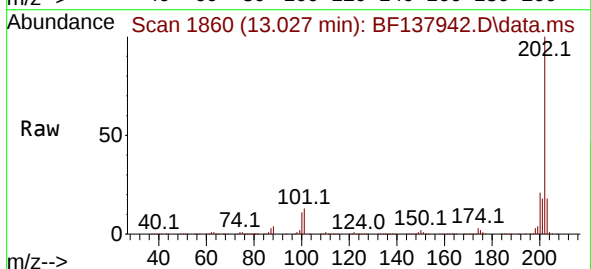
Tgt Ion:202 Resp: 1020451

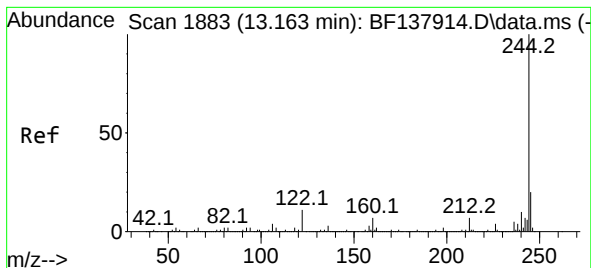
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 81.611 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

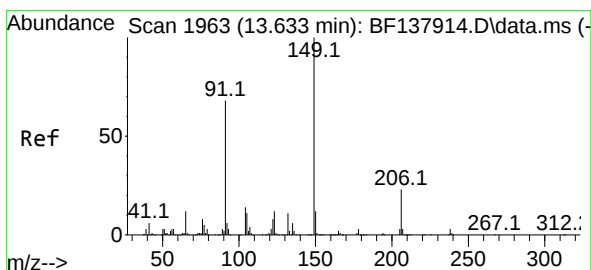
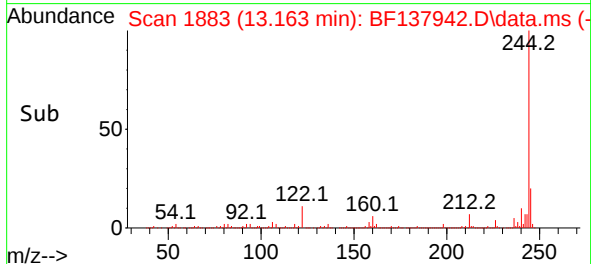
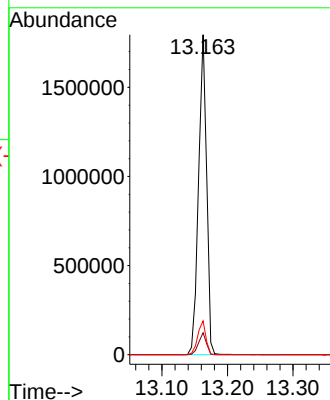
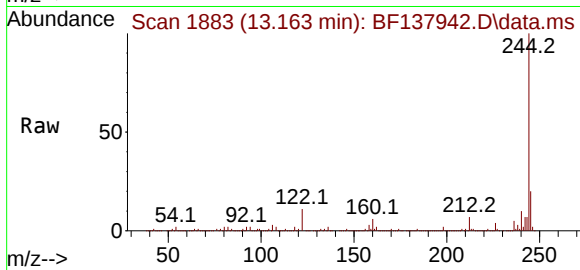
Tgt Ion:244 Resp: 1536971

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.5 8.8 13.2



#80

Butylbenzylphthalate

Concen: 53.620 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

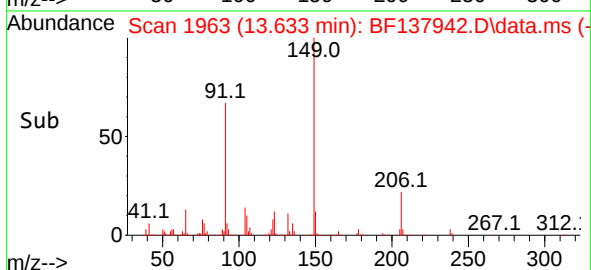
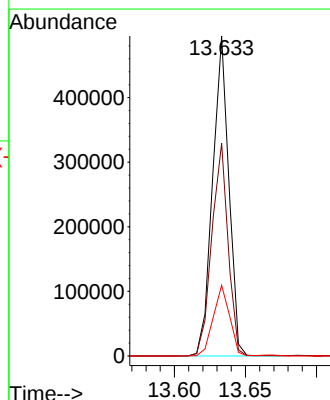
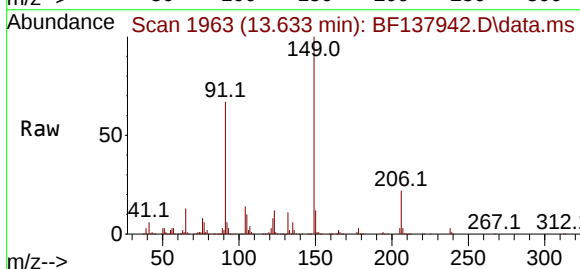
Tgt Ion:149 Resp: 392633

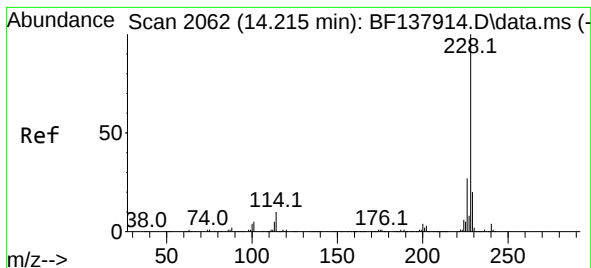
Ion Ratio Lower Upper

149 100

91 66.5 54.2 81.4

206 22.1 18.1 27.1





#81

Benzo(a)anthracene

Concen: 47.103 ng

RT: 14.216 min Scan# 2062

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

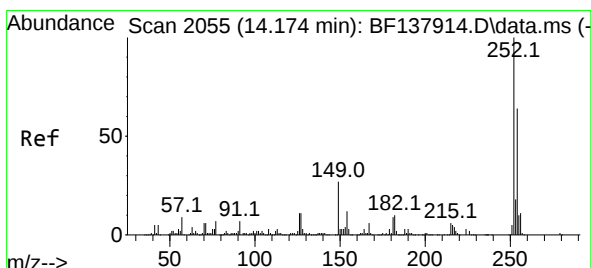
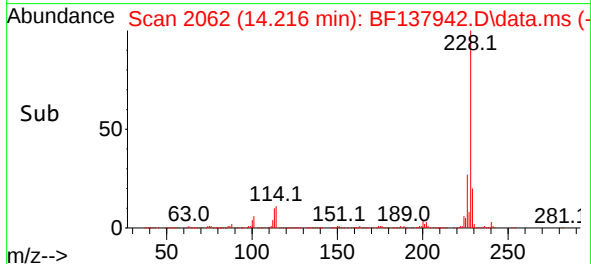
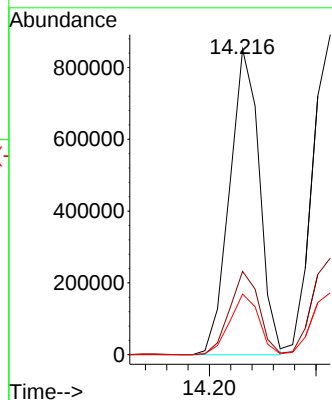
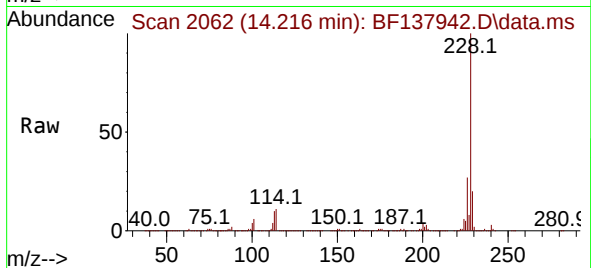
Tgt Ion:228 Resp: 827129

Ion Ratio Lower Upper

228 100

226 27.3 21.3 31.9

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 24.628 ng

RT: 14.174 min Scan# 2055

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

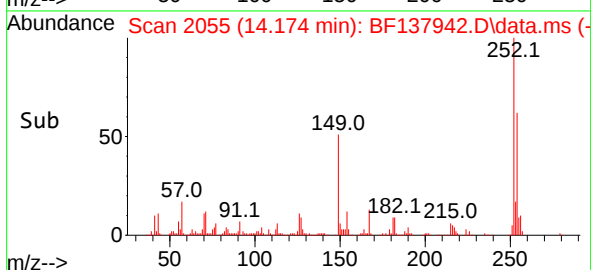
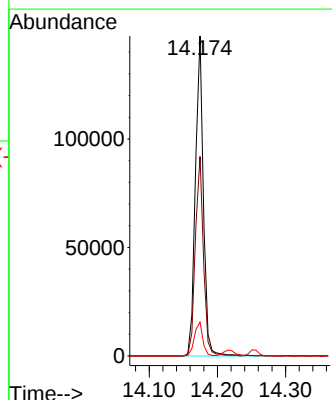
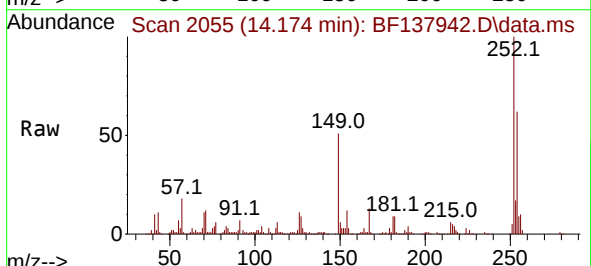
Tgt Ion:252 Resp: 119848

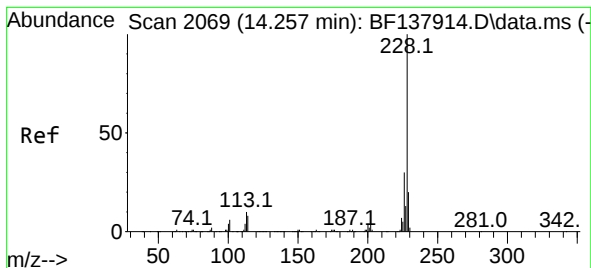
Ion Ratio Lower Upper

252 100

254 62.4 51.2 76.8

126 10.5 8.7 13.1





#83

Chrysene

Concen: 45.972 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

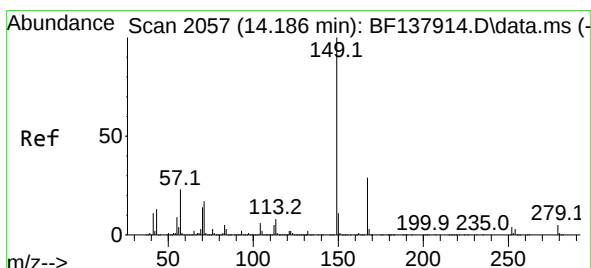
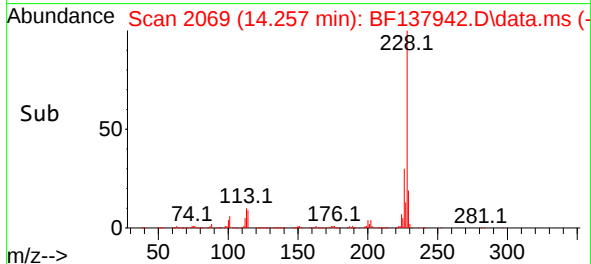
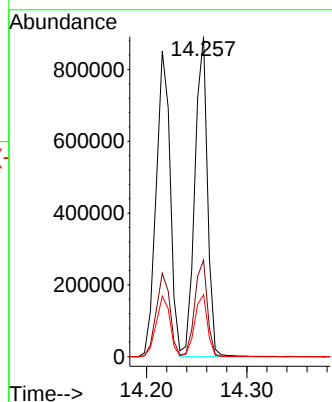
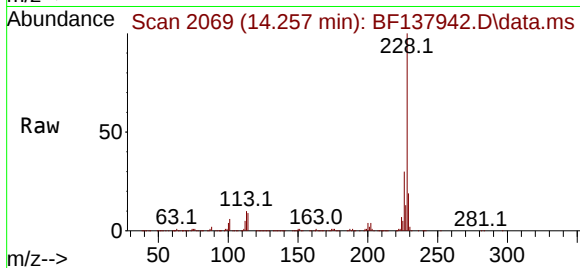
Tgt Ion:228 Resp: 772048

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.889 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

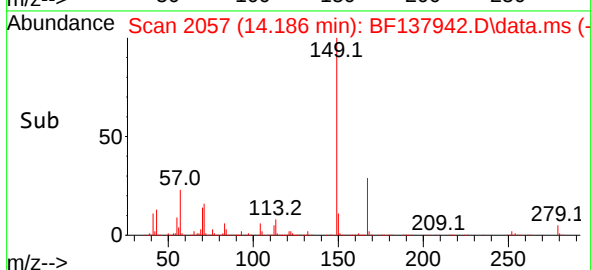
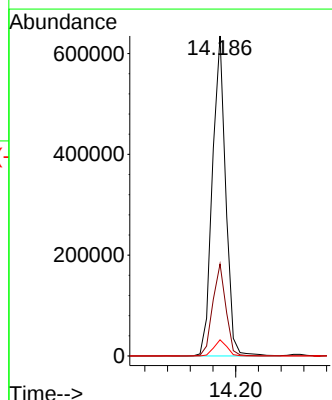
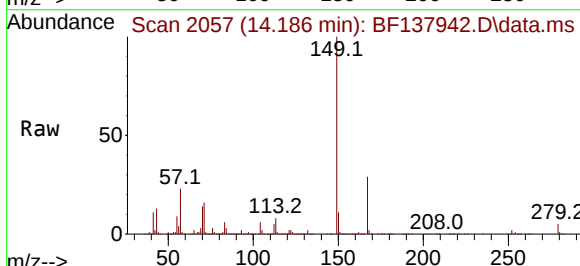
Tgt Ion:149 Resp: 514447

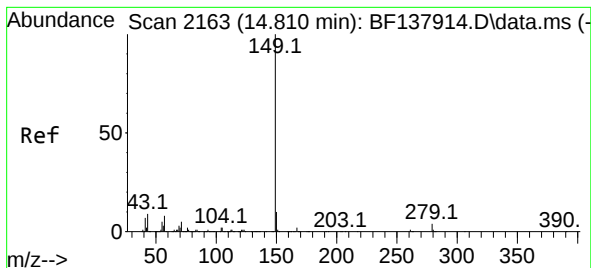
Ion Ratio Lower Upper

149 100

167 28.7 23.2 34.8

279 5.0 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 62.410 ng

RT: 14.816 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BF137942.D

Acq: 17 May 2024 20:15

Instrument :

BNA_F

ClientSampleId :

WC-MH-JJMSD

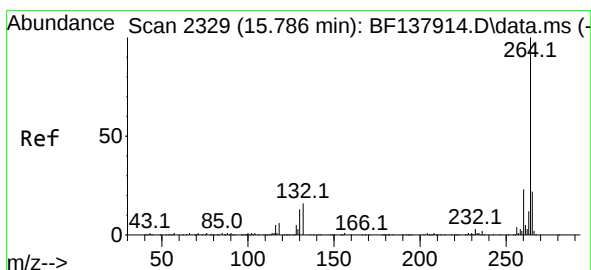
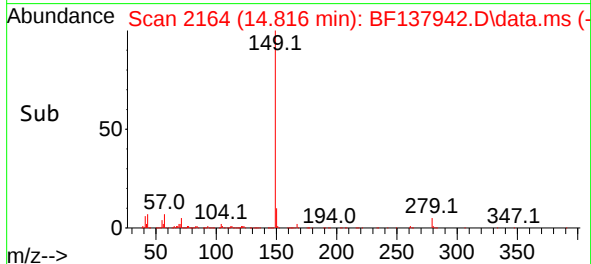
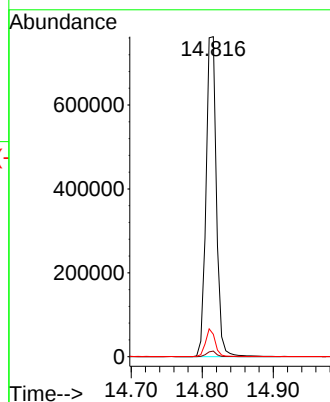
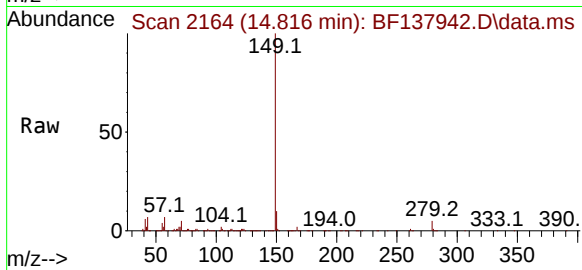
Tgt Ion:149 Resp: 776075

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 8.0 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: BF137942.D

Acq: 17 May 2024 20:15

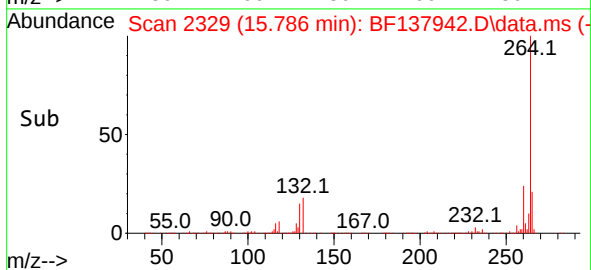
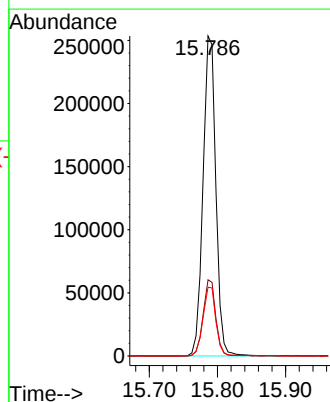
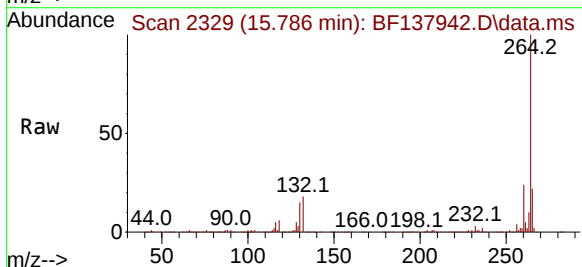
Tgt Ion:264 Resp: 331372

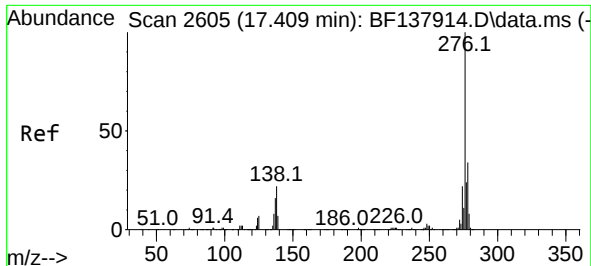
Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 21.5 17.6 26.4

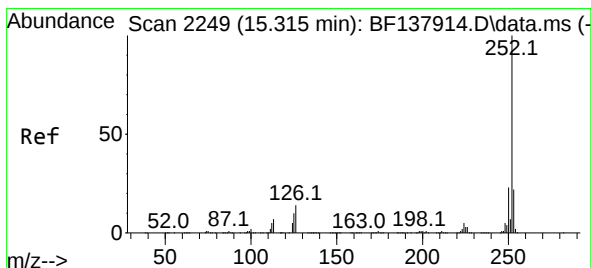
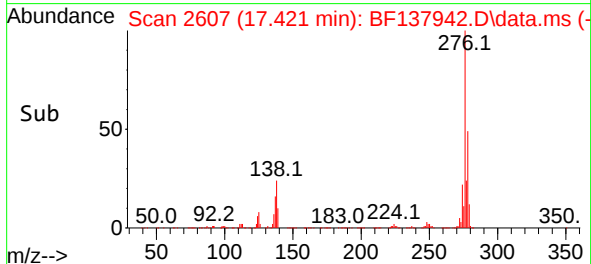
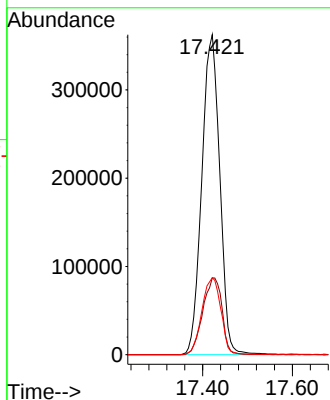
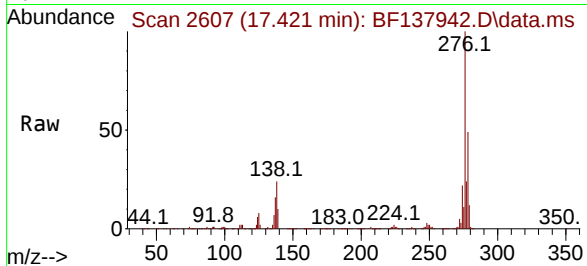




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.397 ng
 RT: 17.421 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF137942.D
 Acq: 17 May 2024 20:15

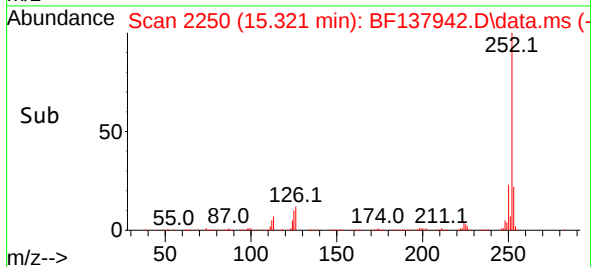
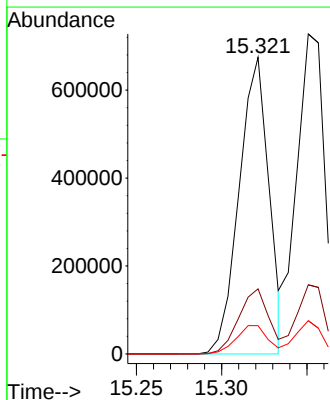
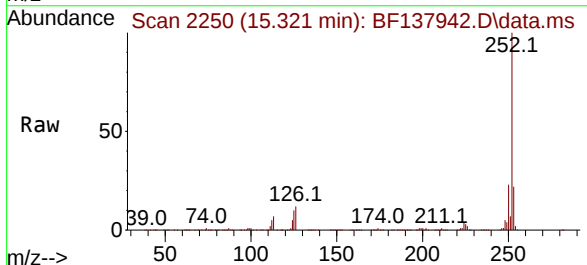
Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-JJMSD

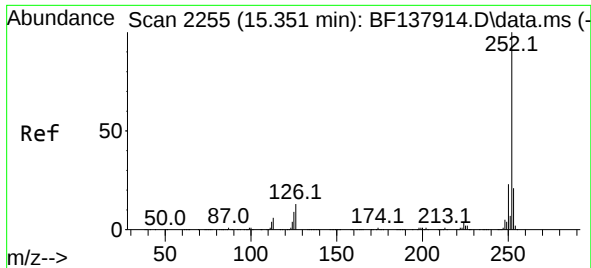
Tgt Ion:276 Resp: 1009074
 Ion Ratio Lower Upper
 276 100
 138 25.6 20.6 30.8
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 42.778 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. 0.006 min
 Lab File: BF137942.D
 Acq: 17 May 2024 20:15

Tgt Ion:252 Resp: 820770
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 9.5 8.2 12.4

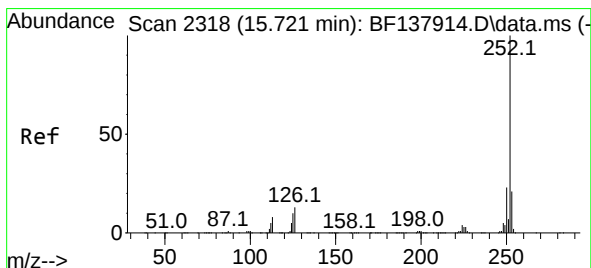
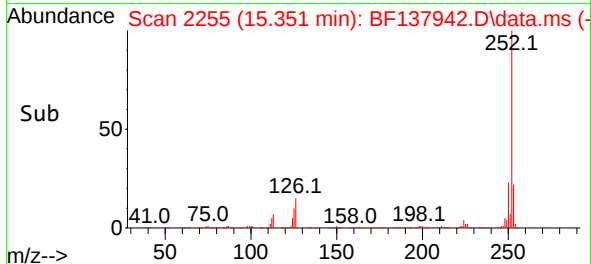
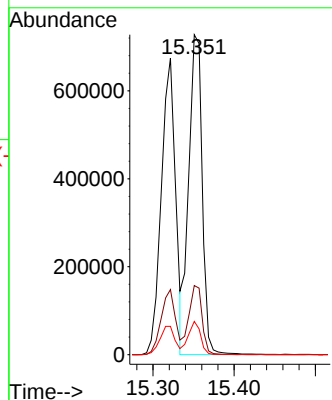
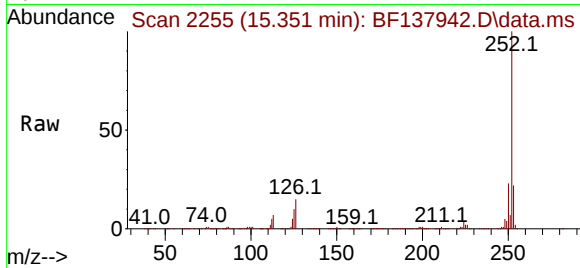




#89
Benzo(k)fluoranthene
Concen: 44.784 ng
RT: 15.351 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

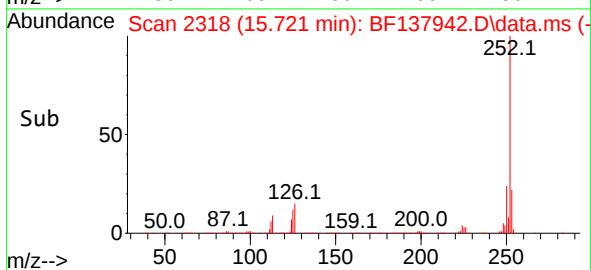
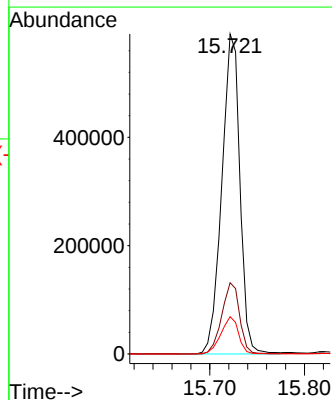
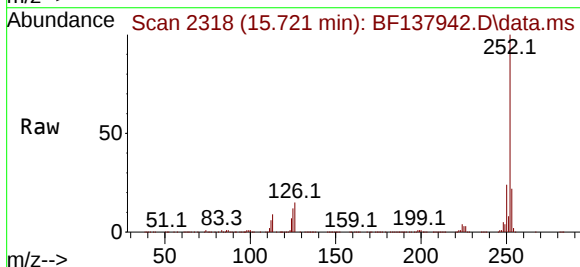
Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

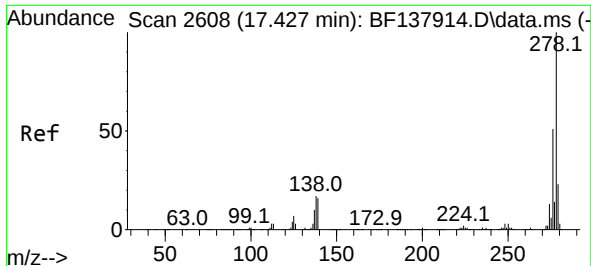
Tgt Ion:252 Resp: 844139
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 47.965 ng
RT: 15.721 min Scan# 2318
Delta R.T. 0.000 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:252 Resp: 785834
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 11.6 7.8 11.8

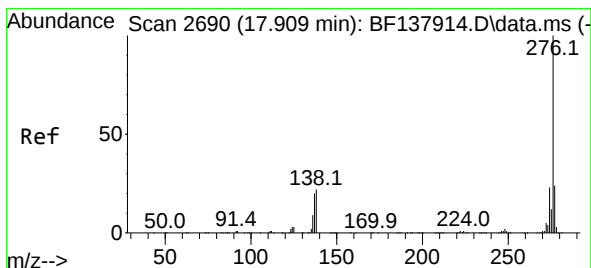
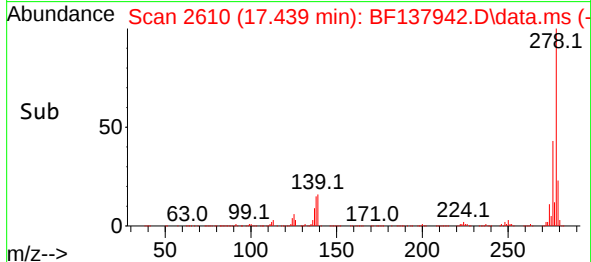
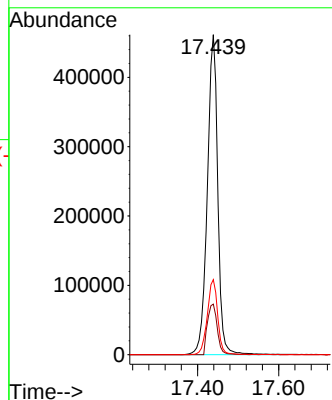
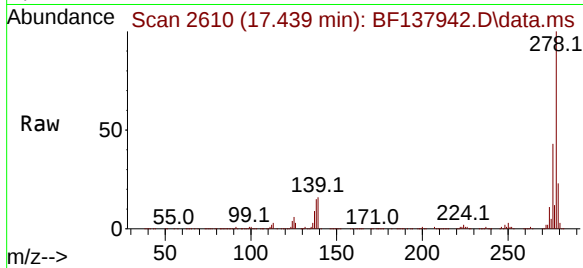




#91
Dibenzo(a,h)anthracene
Concen: 46.796 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.012 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Instrument :
BNA_F
ClientSampleId :
WC-MH-JJMSD

Tgt Ion:278 Resp: 823137
Ion Ratio Lower Upper
278 100
139 15.8 13.1 19.7
279 23.4 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 41.117 ng
RT: 17.915 min Scan# 2691
Delta R.T. 0.006 min
Lab File: BF137942.D
Acq: 17 May 2024 20:15

Tgt Ion:276 Resp: 759771
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 21.3 17.6 26.4

