

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137725.D
 Acq On : 24 Apr 2024 18:51
 Operator : CG\JU
 Sample : P2245-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 YARD-3MS

Quant Time: Apr 25 04:18:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	234705	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	908416	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	494675	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	829314	20.000	ng	0.00
76) Chrysene-d12	14.257	240	454765	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	504816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1311397	84.875	ng	0.00
7) Phenol-d6	6.675	99	1693951	86.334	ng	0.00
23) Nitrobenzene-d5	7.622	82	1000944	58.490	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	452751	90.702	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	1896201	57.276	ng	0.00
79) Terphenyl-d14	13.186	244	1839229	65.096	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.046	88	296606	42.871	ng	98
3) Pyridine	3.793	79	727526	39.474	ng	100
4) n-Nitrosodimethylamine	3.751	42	391909	45.563	ng	97
6) Aniline	6.722	93	682076	27.930	ng	99
8) 2-Chlorophenol	6.845	128	779591	48.335	ng	99
9) Benzaldehyde	6.610	77	27416	2.490	ng	97
10) Phenol	6.686	94	943474	48.133	ng	97
11) bis(2-Chloroethyl)ether	6.792	93	711973	44.532	ng	98
12) 1,3-Dichlorobenzene	7.004	146	805323	47.612	ng	98
13) 1,4-Dichlorobenzene	7.081	146	820169	48.164	ng	98
14) 1,2-Dichlorobenzene	7.234	146	788584	49.750	ng	98
15) Benzyl Alcohol	7.198	79	647270	44.098	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1085463	44.146	ng	98
17) 2-Methylphenol	7.298	107	621505	43.371	ng	99
18) Hexachloroethane	7.581	117	288335	47.842	ng	94
19) n-Nitroso-di-n-propyla...	7.469	70	544527	42.918	ng	100
20) 3+4-Methylphenols	7.451	107	803996	43.441	ng	95
22) Acetophenone	7.469	105	1047303	47.136	ng	99
24) Nitrobenzene	7.645	77	801720	46.371	ng	99
25) Isophorone	7.881	82	1439367	45.288	ng	99
26) 2-Nitrophenol	7.957	139	395693	52.152	ng	95
27) 2,4-Dimethylphenol	7.981	122	596385	38.961	ng	98
28) bis(2-Chloroethoxy)met...	8.086	93	876101	45.130	ng	99
29) 2,4-Dichlorophenol	8.192	162	648561	48.345	ng	98
30) 1,2,4-Trichlorobenzene	8.286	180	656407	48.005	ng	98
31) Naphthalene	8.369	128	2185671	47.150	ng	99
32) Benzoic acid	8.086	122	457284	47.180	ng	99
33) 4-Chloroaniline	8.410	127	346012	17.635	ng	99
34) Hexachlorobutadiene	8.480	225	386126	47.103	ng	98
35) Caprolactam	8.775	113	129597	29.880	ng	99
36) 4-Chloro-3-methylphenol	8.880	107	671954	47.226	ng	99
37) 2-Methylnaphthalene	9.063	142	1430246	44.952	ng	99
38) 1-Methylnaphthalene	9.163	142	1336883	44.941	ng	100
40) 1,2,4,5-Tetrachloroben...	9.227	216	655335	48.323	ng	99
41) Hexachlorocyclopentadiene	9.210	237	688610	90.621	ng	98
43) 2,4,6-Trichlorophenol	9.333	196	468873	49.283	ng	98

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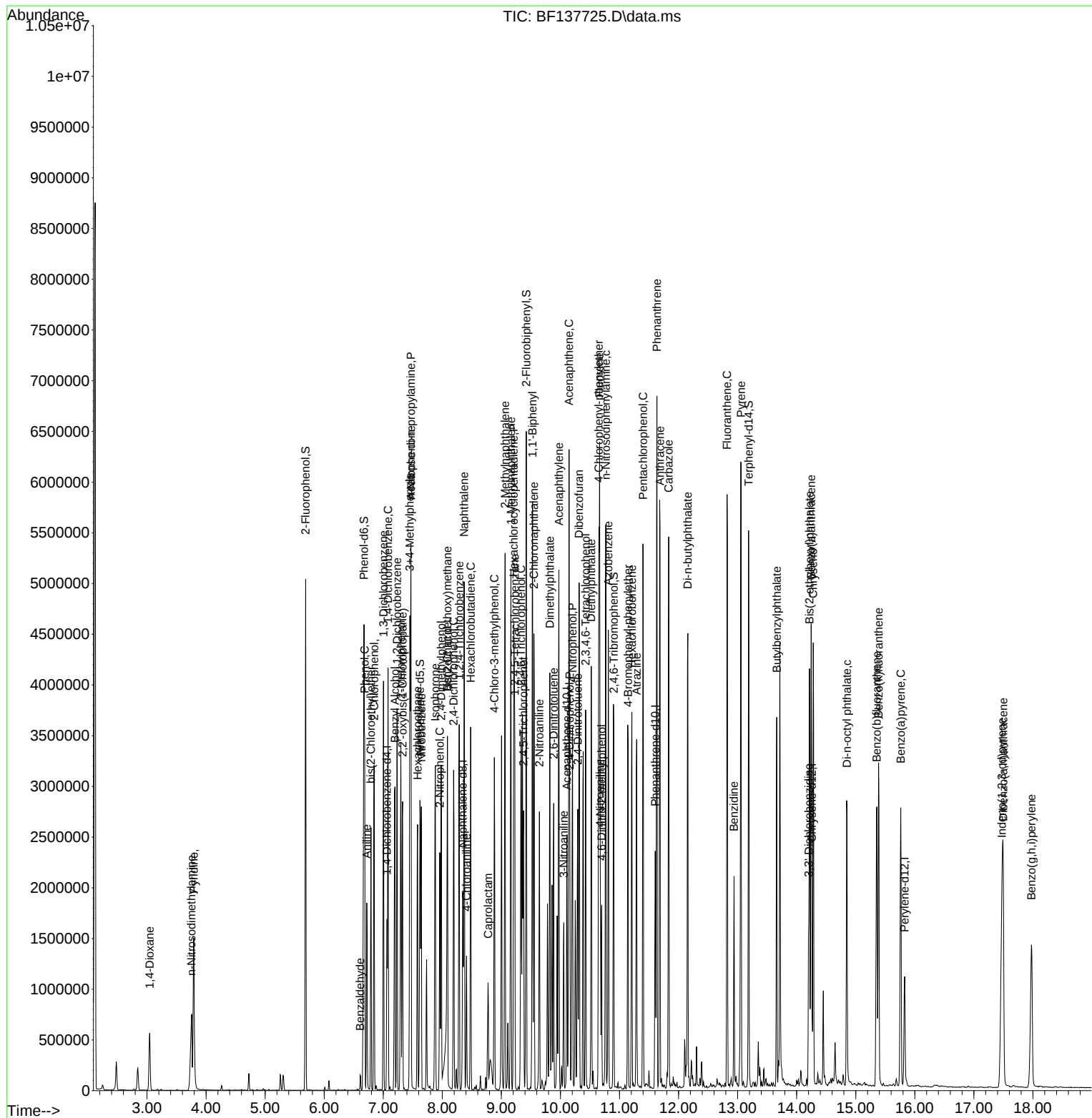
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	494131	45.319	ng	97
46) 1,1'-Biphenyl	9.527	154	1713691	47.620	ng	98
47) 2-Chloronaphthalene	9.551	162	1347067	48.559	ng	99
48) 2-Nitroaniline	9.645	65	418141	49.465	ng	96
49) Acenaphthylene	9.975	152	2139852	49.464	ng	99
50) Dimethylphthalate	9.822	163	1581333	45.882	ng	99
51) 2,6-Dinitrotoluene	9.886	165	356685	49.119	ng	90
52) Acenaphthene	10.145	154	1404168	50.128	ng	99
53) 3-Nitroaniline	10.057	138	243517	29.841	ng	98
54) 2,4-Dinitrophenol	10.157	184	312196	80.853	ng	# 56
55) Dibenzofuran	10.316	168	1960944	47.756	ng	99
56) 4-Nitrophenol	10.204	139	602437	94.928	ng	99
57) 2,4-Dinitrotoluene	10.292	165	482094	52.660	ng	96
58) Fluorene	10.663	166	1535657	47.864	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.427	232	402954	47.728	ng	99
60) Diethylphthalate	10.522	149	1483609	44.755	ng	98
61) 4-Chlorophenyl-phenyle...	10.651	204	725329	45.753	ng	95
62) 4-Nitroaniline	10.674	138	361008	46.445	ng	99
63) Azobenzene	10.810	77	1535541	45.204	ng	98
65) 4,6-Dinitro-2-methylph...	10.698	198	232683	48.934	ng	84
66) n-Nitrosodiphenylamine	10.769	169	1334944	47.527	ng	99
67) 4-Bromophenyl-phenylether	11.145	248	454511	47.297	ng	95
68) Hexachlorobenzene	11.210	284	476674	50.917	ng	95
69) Atrazine	11.292	200	420723	54.186	ng	99
70) Pentachlorophenol	11.398	266	600992	85.340	ng	100
71) Phenanthrene	11.633	178	2469747	56.258	ng	100
72) Anthracene	11.686	178	2319237	51.592	ng	99
73) Carbazole	11.833	167	2009265	49.320	ng	99
74) Di-n-butylphthalate	12.157	149	2241429	45.133	ng	99
75) Fluoranthene	12.821	202	2411539	52.262	ng	98
77) Benzidine	12.939	184	687526	64.728	ng	99
78) Pyrene	13.057	202	2326219	62.321	ng	100
80) Butylbenzylphthalate	13.662	149	749015	56.585	ng	93
81) Benzo(a)anthracene	14.245	228	1639627	51.692	ng	99
82) 3,3'-Dichlorobenzidine	14.204	252	302890	30.863	ng	# 98
83) Chrysene	14.280	228	1509332	50.927	ng	100
84) Bis(2-ethylhexyl)phtha...	14.215	149	1019434	50.996	ng	99
85) Di-n-octyl phthalate	14.851	149	1516350	50.498	ng	99
87) Indeno(1,2,3-cd)pyrene	17.474	276	1731097	61.845	ng	99
88) Benzo(b)fluoranthene	15.357	252	1501048	46.467	ng	99
89) Benzo(k)fluoranthene	15.386	252	1488111	46.863	ng	100
90) Benzo(a)pyrene	15.762	252	1435522	49.537	ng	99
91) Dibenzo(a,h)anthracene	17.498	278	1389906	59.837	ng	98
92) Benzo(g,h,i)perylene	17.974	276	1275008	56.448	ng	100

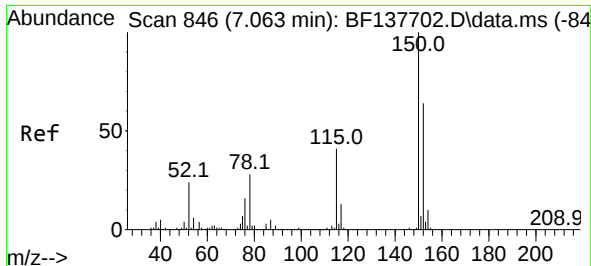
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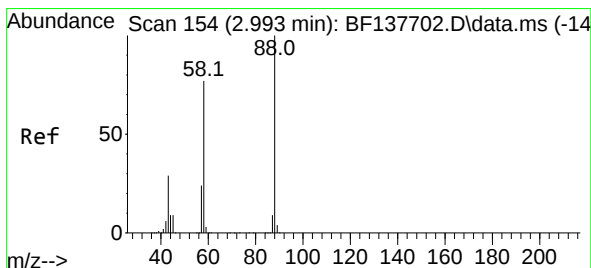
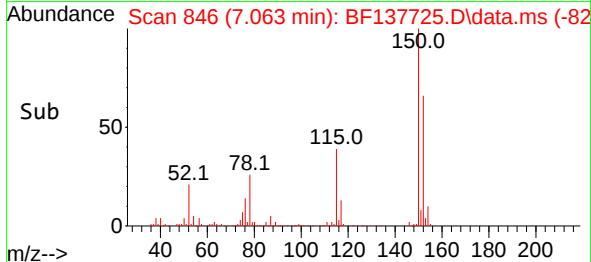
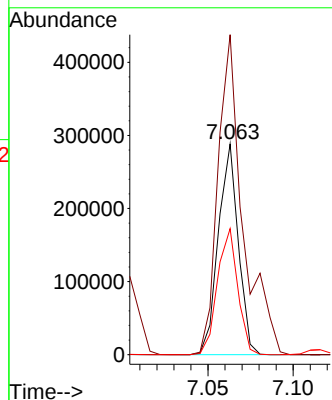
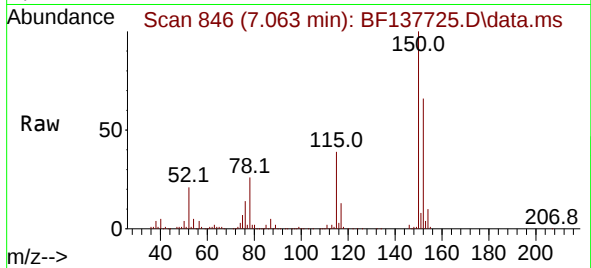




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.063 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BF137725.D
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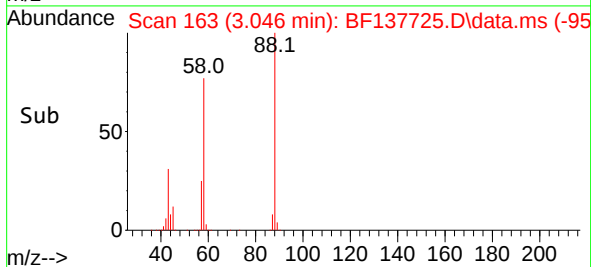
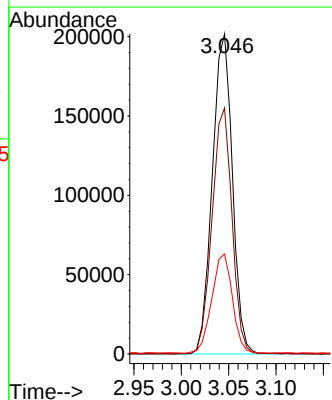
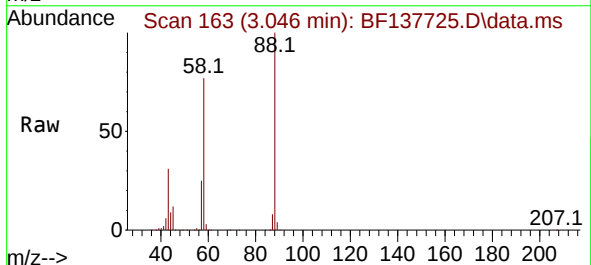
Instrument :
 BNA_F
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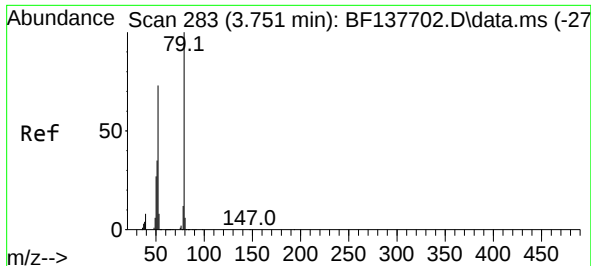
Tgt Ion:152 Resp: 234705
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.2 186.4
 115 59.8 50.8 76.2



#2
 1,4-Dioxane
 Concen: 42.871 ng
 RT: 3.046 min Scan# 163
 Delta R.T. 0.053 min
 Lab File: BF137725.D
 Acq: 24 Apr 2024 18:51

Tgt Ion: 88 Resp: 296606
 Ion Ratio Lower Upper
 88 100
 58 76.5 62.4 93.6
 43 31.7 23.7 35.5

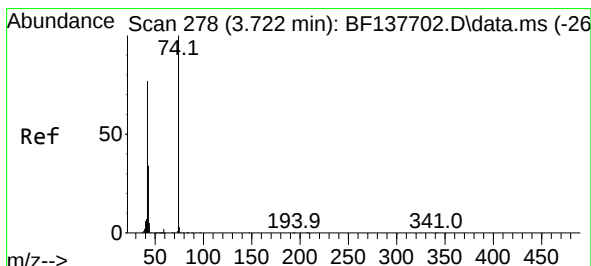
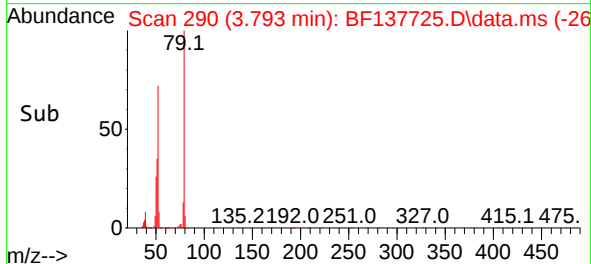
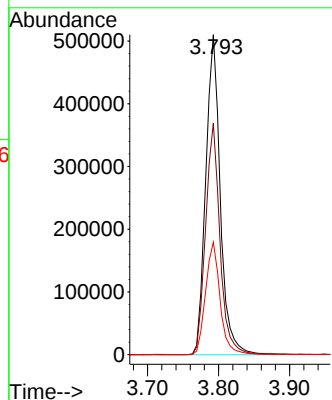
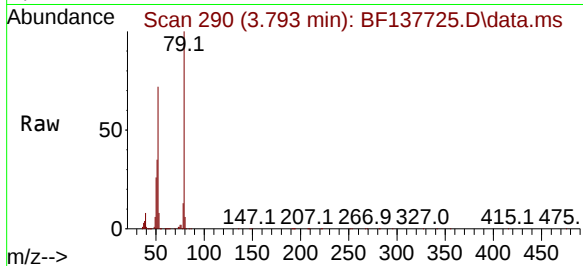




#3
 Pyridine
 Concen: 39.474 ng
 RT: 3.793 min Scan# 24
 Delta R.T. 0.041 min
 Lab File: BF137725.D
 Acq: 24 Apr 2024 18:51

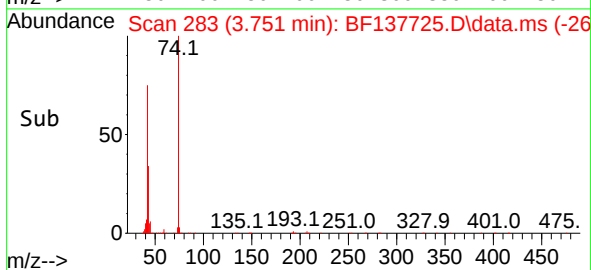
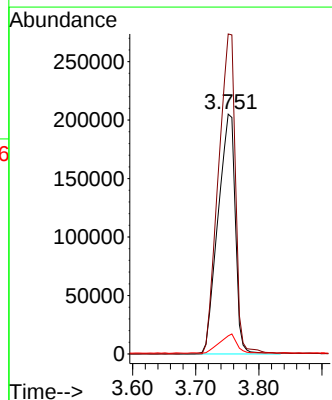
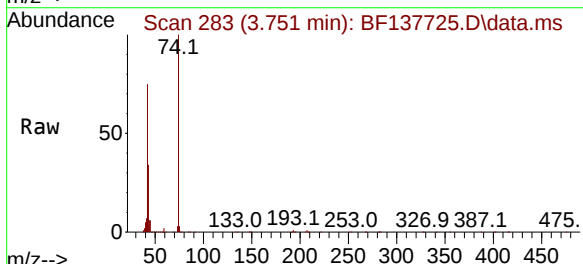
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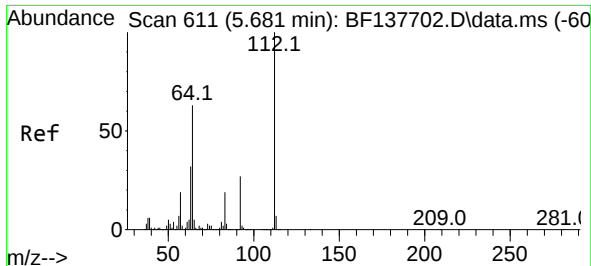
Tgt Ion: 79 Resp: 727526
 Ion Ratio Lower Upper
 79 100
 52 72.3 58.0 87.0
 51 35.1 27.9 41.9



#4
 n-Nitrosodimethylamine
 Concen: 45.563 ng
 RT: 3.751 min Scan# 283
 Delta R.T. 0.029 min
 Lab File: BF137725.D
 Acq: 24 Apr 2024 18:51

Tgt Ion: 42 Resp: 391909
 Ion Ratio Lower Upper
 42 100
 74 133.4 103.4 155.2
 44 7.6 5.5 8.3

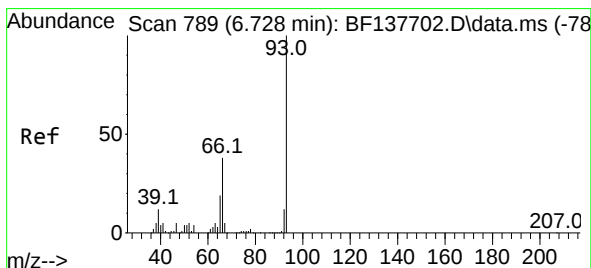
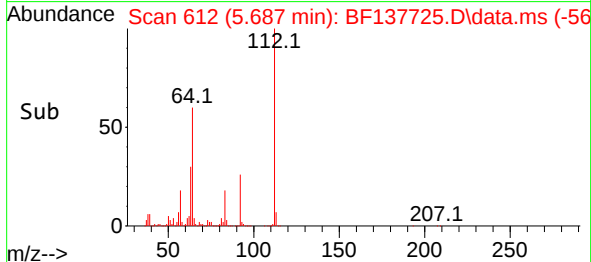
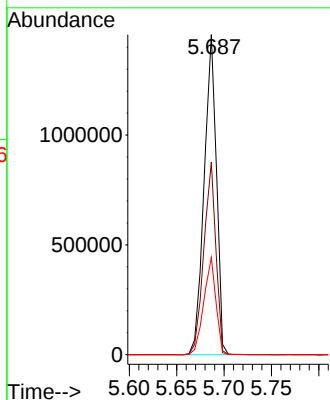
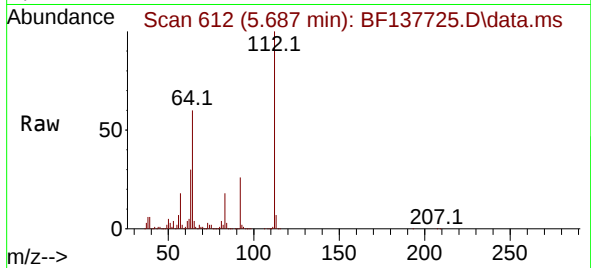




#5
2-Fluorophenol
Concen: 84.875 ng
RT: 5.687 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

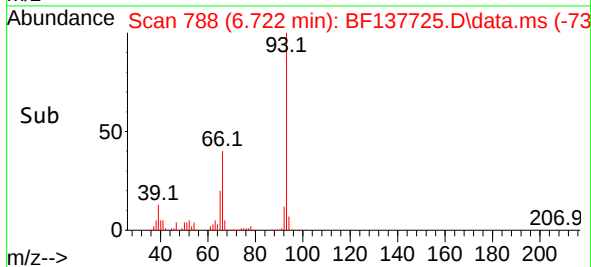
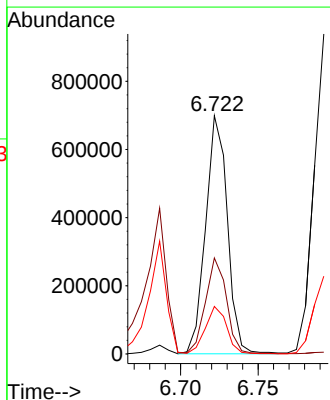
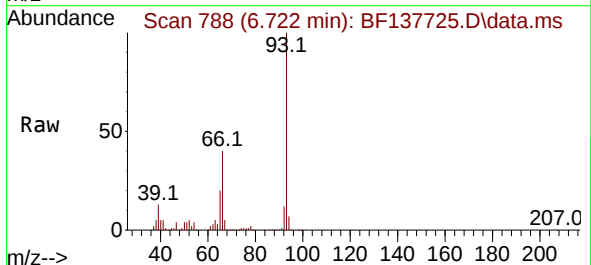
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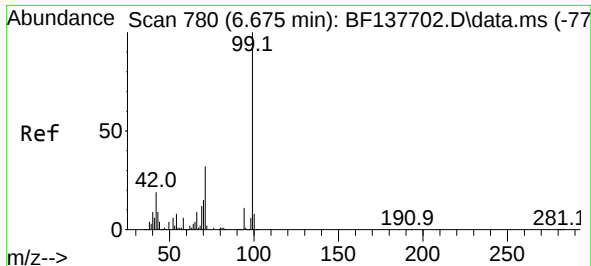
Tgt Ion:112 Resp: 1311397
Ion Ratio Lower Upper
112 100
64 60.2 50.1 75.1
63 30.3 25.2 37.8



#6
Aniline
Concen: 27.930 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion: 93 Resp: 682076
Ion Ratio Lower Upper
93 100
66 40.3 32.1 48.1
65 19.9 16.4 24.6





#7

Phenol-d6

Concen: 86.334 ng

RT: 6.675 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

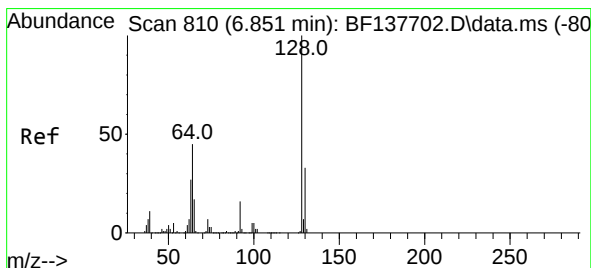
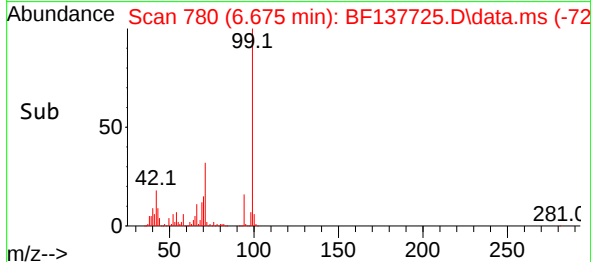
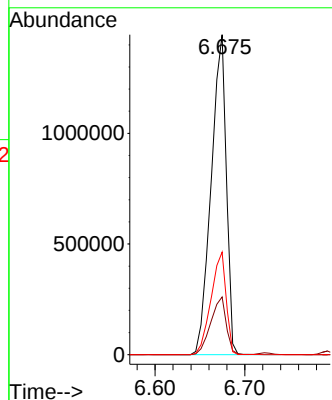
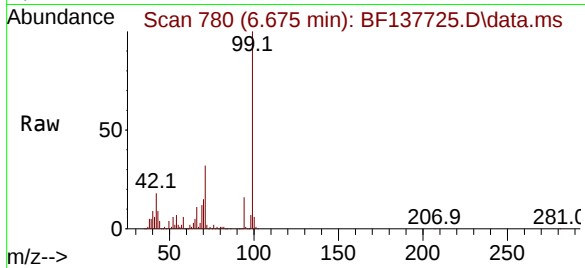
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1693951

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	32.0	25.7	38.5



#8

2-Chlorophenol

Concen: 48.335 ng

RT: 6.845 min Scan# 809

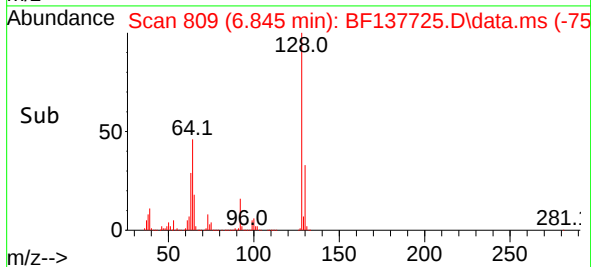
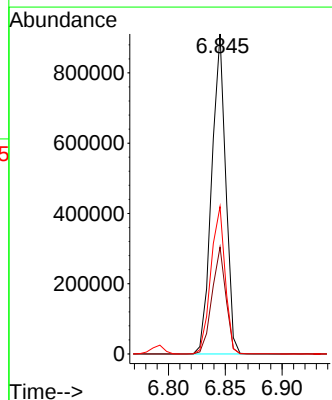
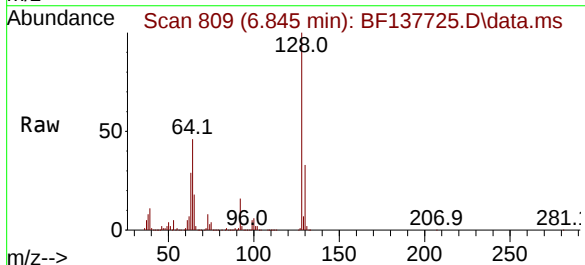
Delta R.T. -0.006 min

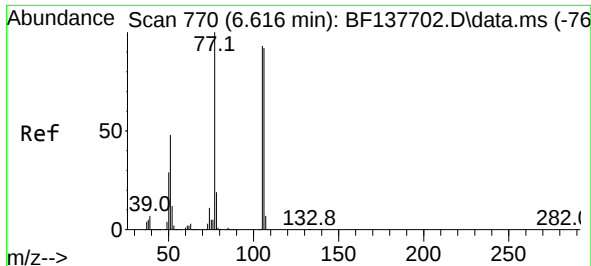
Lab File: BF137725.D

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Tgt Ion:128 Resp: 779591

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.2	53.2
64	46.0	24.7	64.7

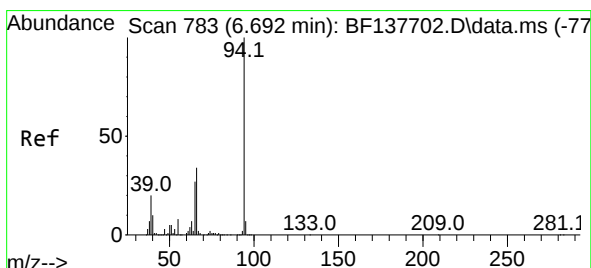
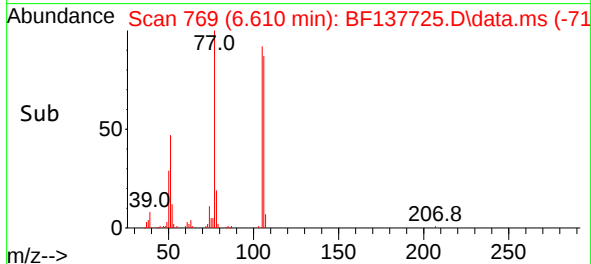
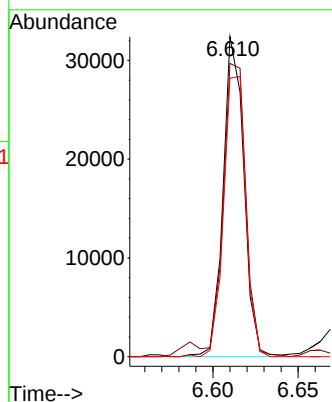
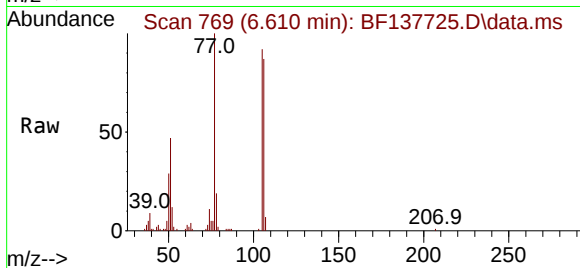




#9
Benzaldehyde
Concen: 2.490 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
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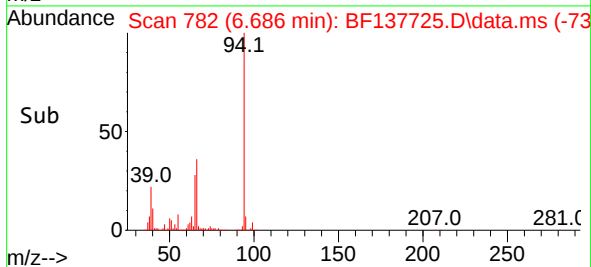
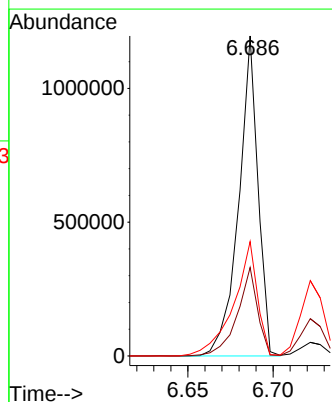
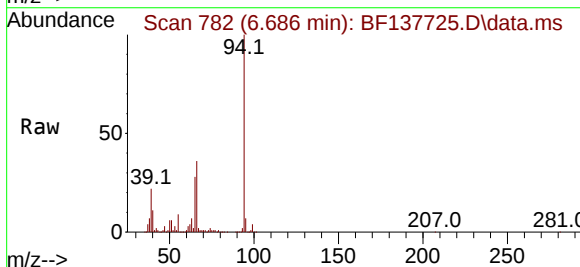
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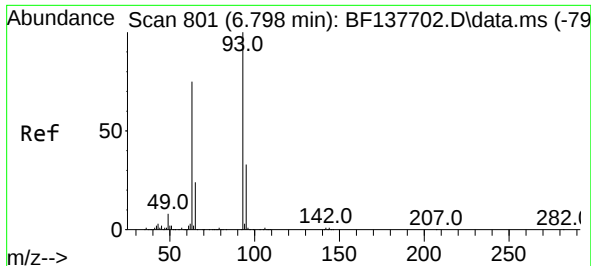
Tgt Ion: 77 Resp: 27416
Ion Ratio Lower Upper
77 100
105 91.6 73.3 113.3
106 87.1 72.1 112.1



#10
Phenol
Concen: 48.133 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion: 94 Resp: 943474
Ion Ratio Lower Upper
94 100
65 27.7 6.5 46.5
66 35.8 13.9 53.9

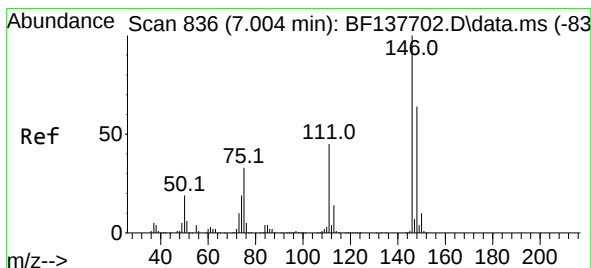
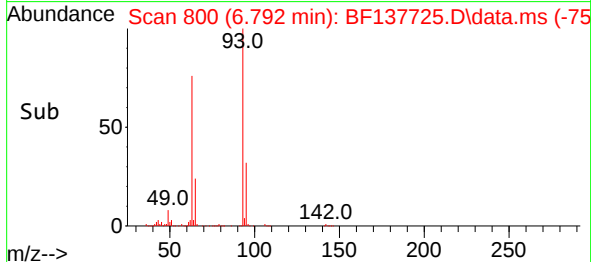
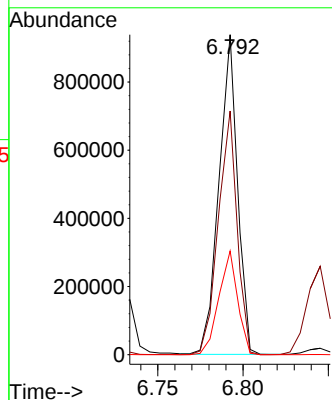
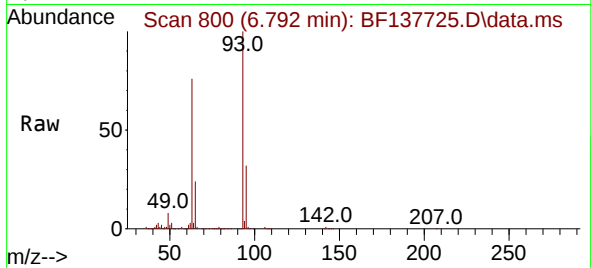




#11
bis(2-Chloroethyl)ether
Concen: 44.532 ng
RT: 6.792 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

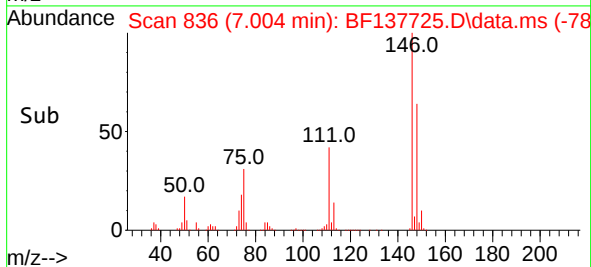
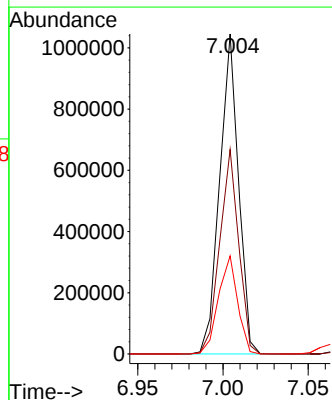
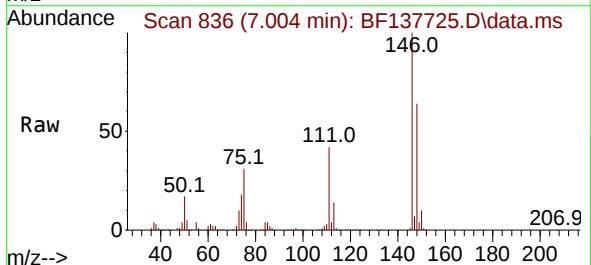
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

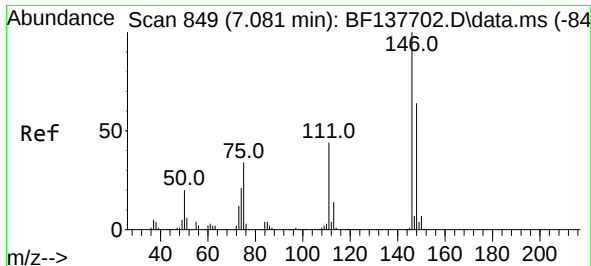
Tgt Ion: 93 Resp: 711973
Ion Ratio Lower Upper
93 100
63 76.1 54.8 94.8
95 32.4 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 47.612 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:146 Resp: 805323
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
75 30.6 26.4 39.6

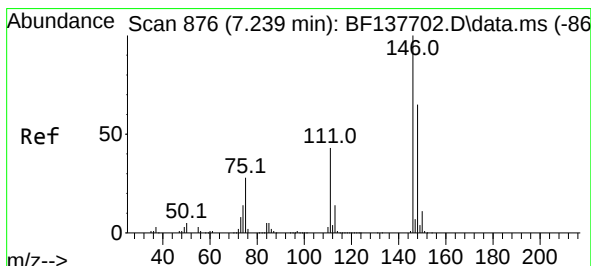
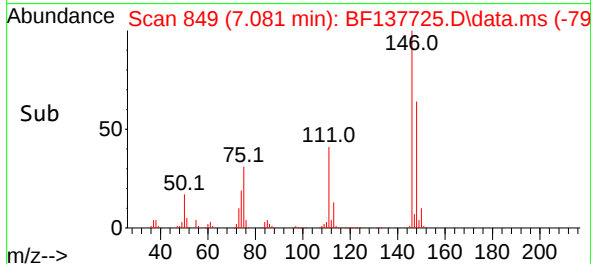
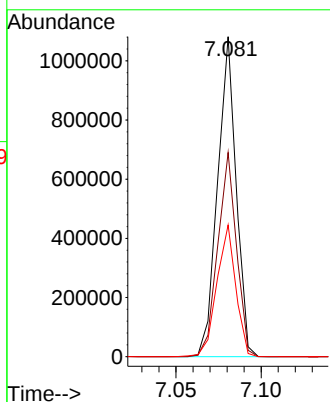
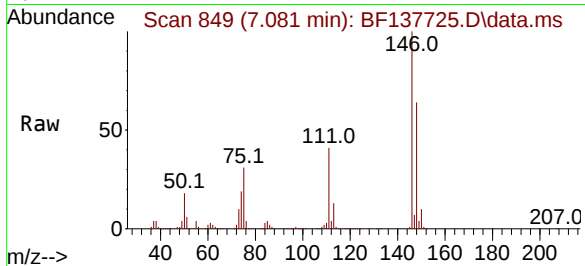




#13
1,4-Dichlorobenzene
Concen: 48.164 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

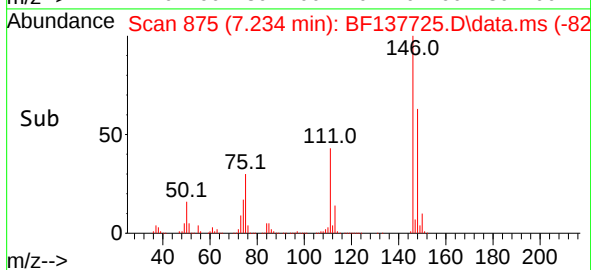
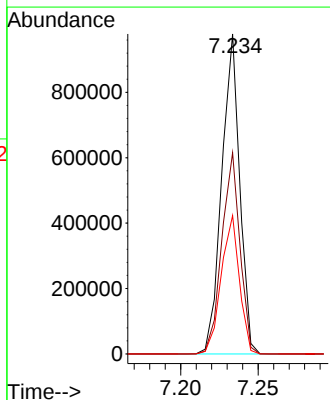
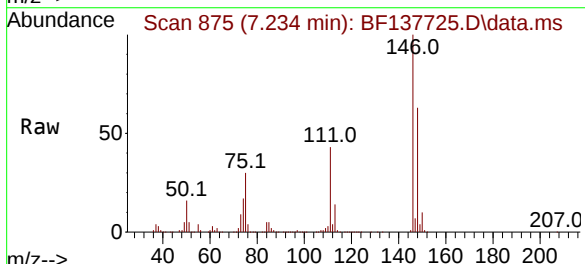
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

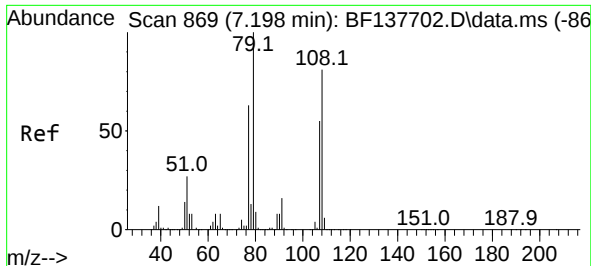
Tgt Ion:146 Resp: 820169
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 41.2 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 49.750 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:146 Resp: 788584
Ion Ratio Lower Upper
146 100
148 62.9 52.1 78.1
111 43.3 34.5 51.7

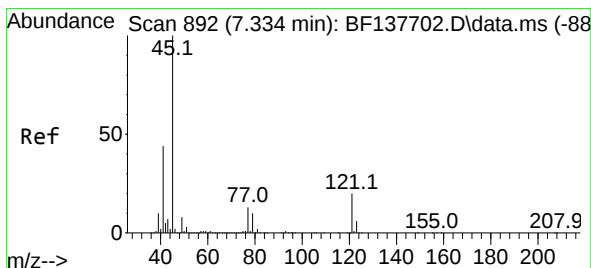
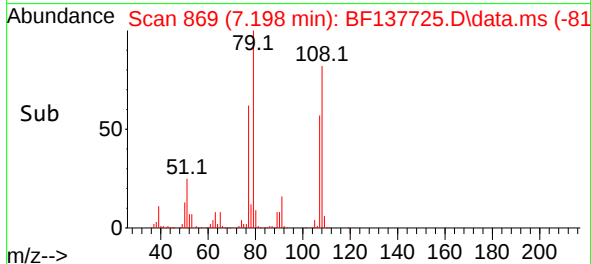
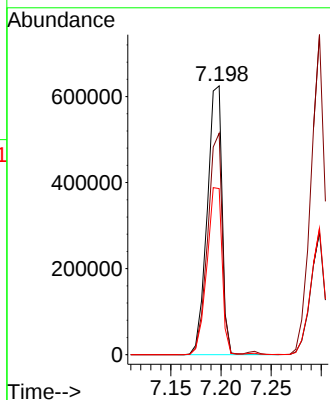
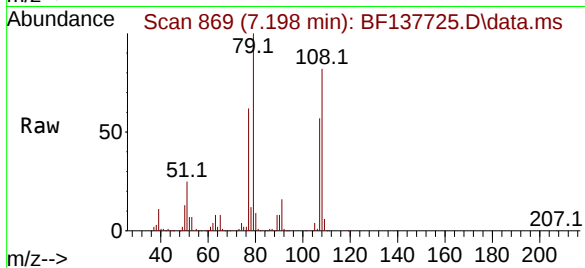




#15
Benzyl Alcohol
Concen: 44.098 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

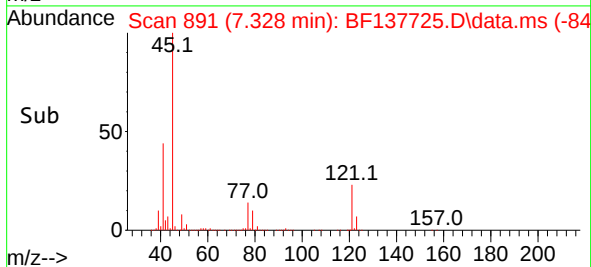
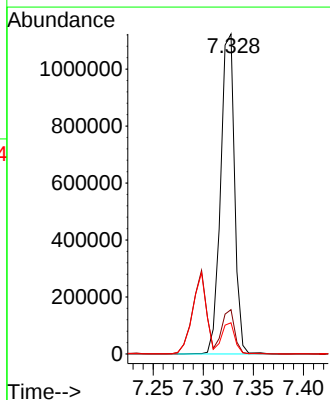
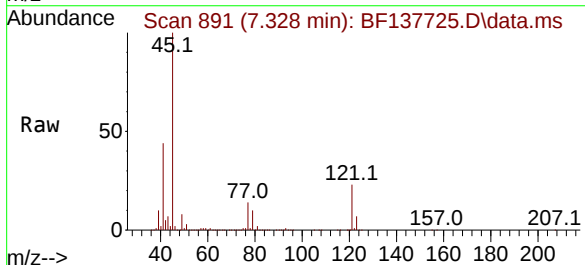
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

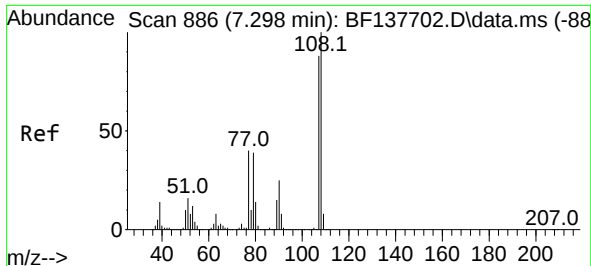
Tgt Ion: 79 Resp: 647270
Ion Ratio Lower Upper
79 100
108 82.4 64.8 97.2
77 61.8 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.146 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion: 45 Resp: 1085463
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.8
79 9.7 0.0 30.1

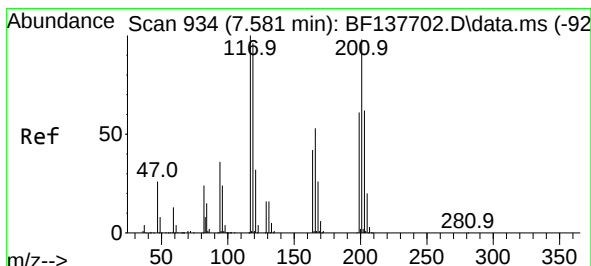
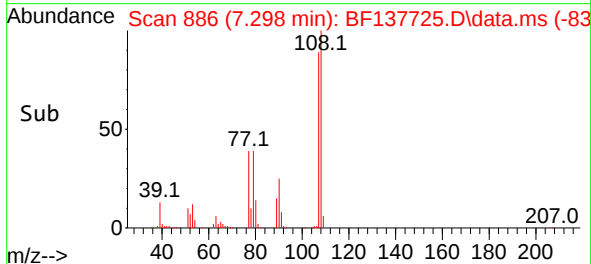
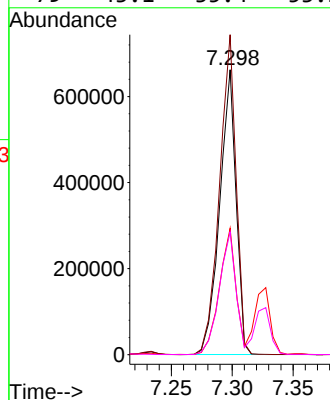
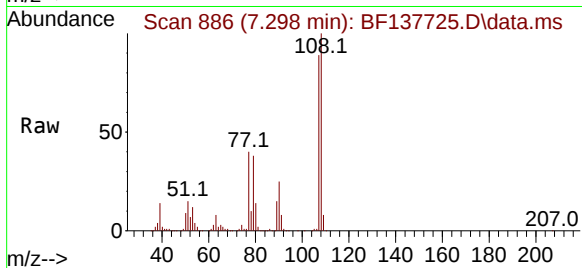




#17
2-Methylphenol
Concen: 43.371 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

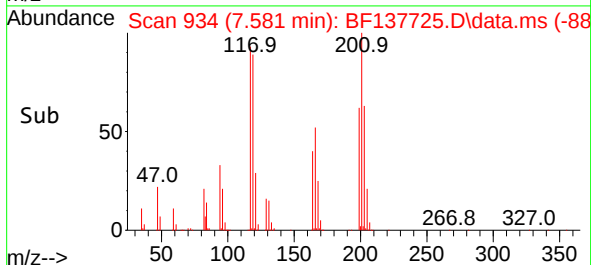
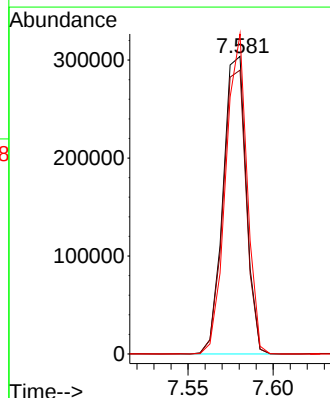
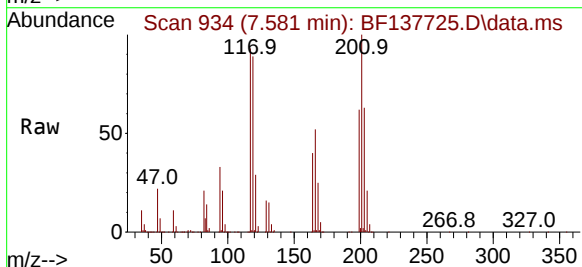
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

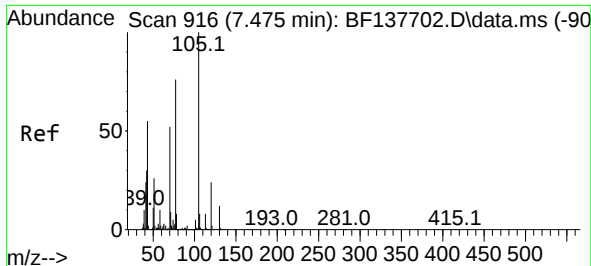
Tgt Ion:	107	Resp:	621505
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.6	135.8
77	44.4	35.8	53.8
79	43.1	35.4	53.2



#18
Hexachloroethane
Concen: 47.842 ng
RT: 7.581 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:	117	Resp:	288335
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.1	115.7
201	107.5	78.1	117.1

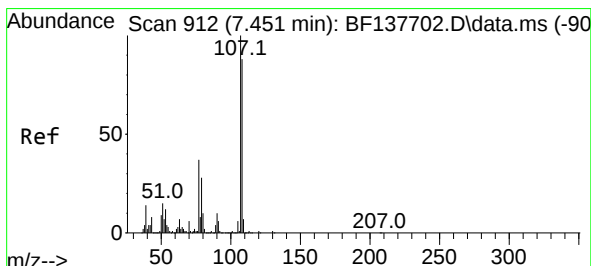
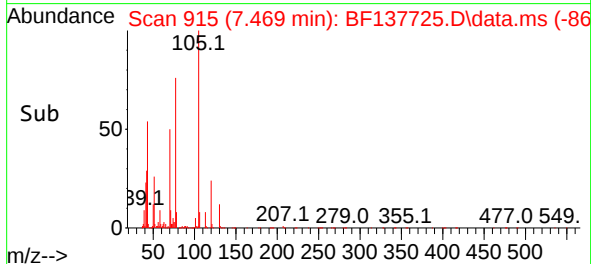
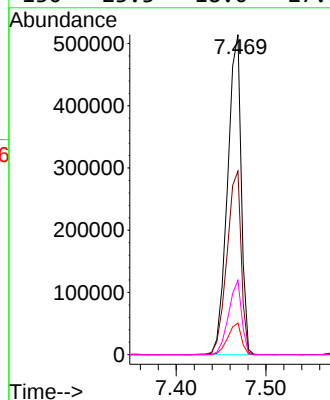
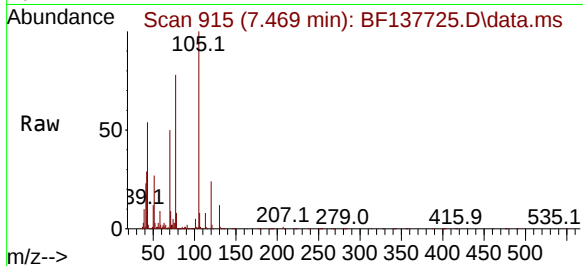




#19
n-Nitroso-di-n-propylamine
Concen: 42.918 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

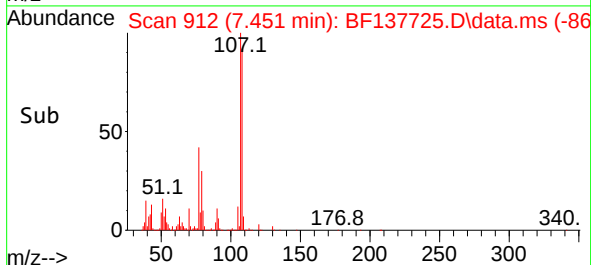
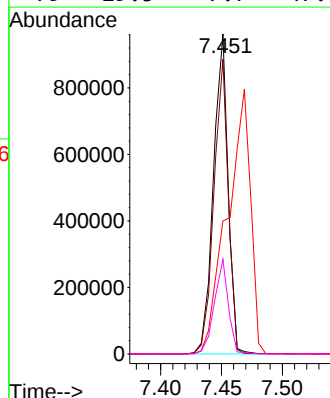
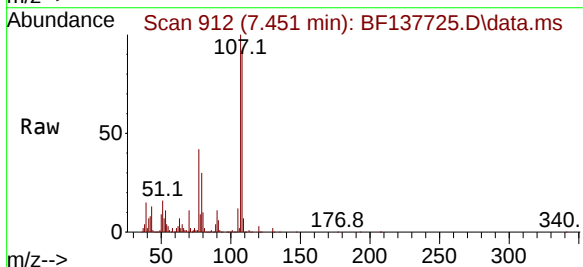
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

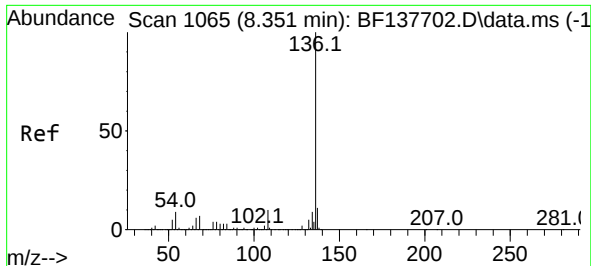
Tgt Ion: 70 Resp: 544527
Ion Ratio Lower Upper
70 100
42 57.4 45.9 68.9
101 9.9 8.0 12.0
130 23.3 18.0 27.0



#20
3+4-Methylphenols
Concen: 43.441 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion: 107 Resp: 803996
Ion Ratio Lower Upper
107 100
108 92.1 68.2 108.2
77 41.5 16.8 56.8
79 29.5 7.7 47.7



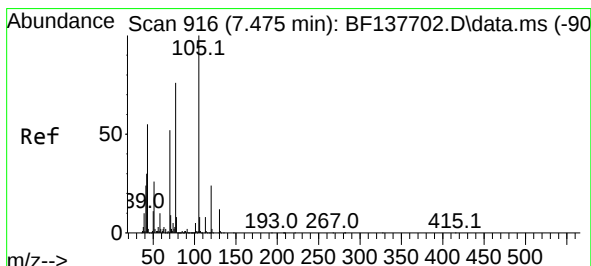
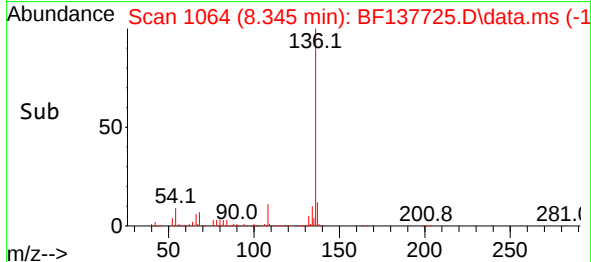
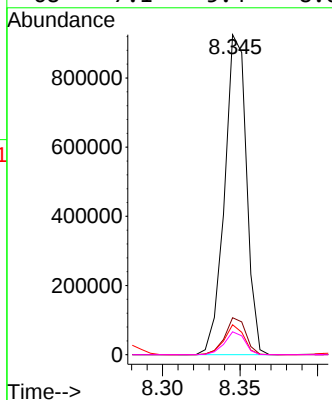
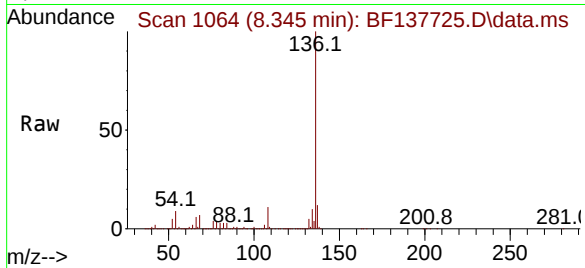


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Instrument :
BNA_F
ClientSampleId :
YARD-3MS

Tgt Ion:136 Resp: 908416

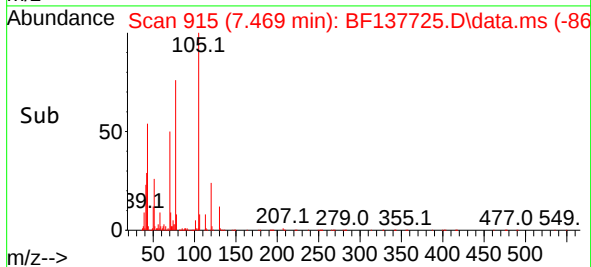
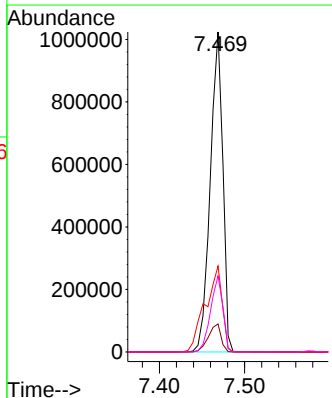
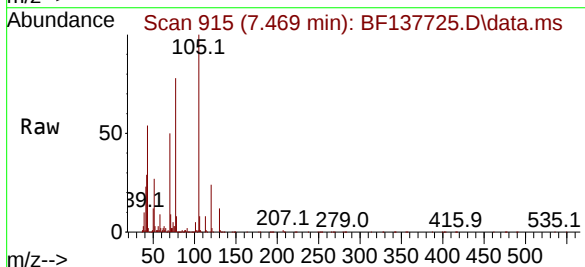
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	9.3	6.9	10.3
68	7.1	5.4	8.0

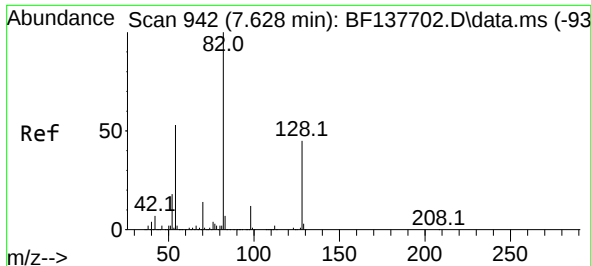


#22
Acetophenone
Concen: 47.136 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:105 Resp: 1047303

Ion	Ratio	Lower	Upper
105	100		
71	8.8	7.0	10.6
51	26.8	20.5	30.7
120	23.8	19.2	28.8





#23

Nitrobenzene-d5

Concen: 58.490 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

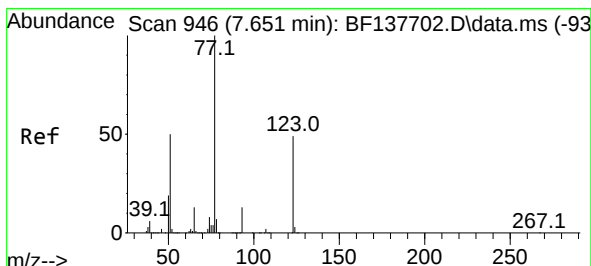
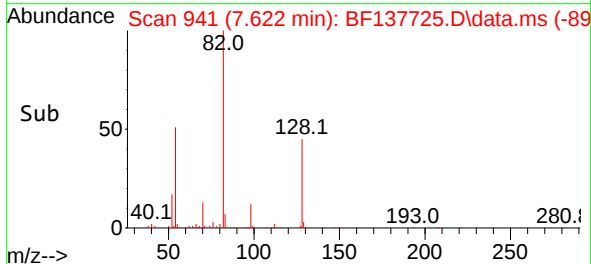
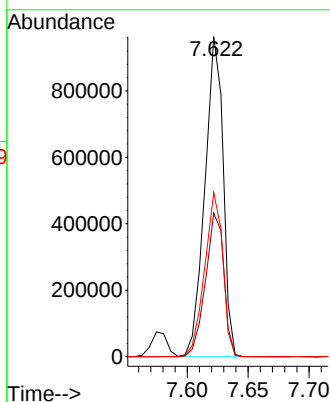
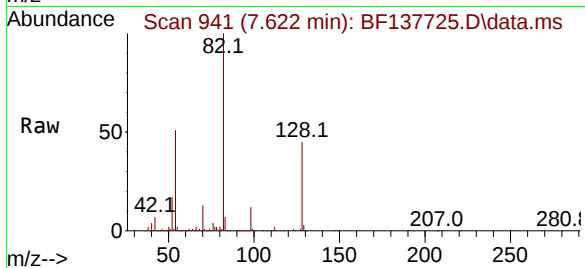
BNA_F

ClientSampleId :

YARD-3MS

Tgt Ion: 82 Resp: 1000944

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.8	53.6
54	51.3	42.5	63.7



#24

Nitrobenzene

Concen: 46.371 ng

RT: 7.645 min Scan# 945

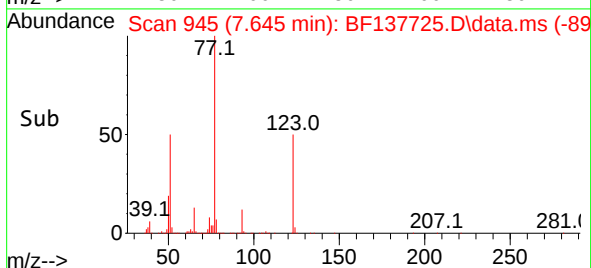
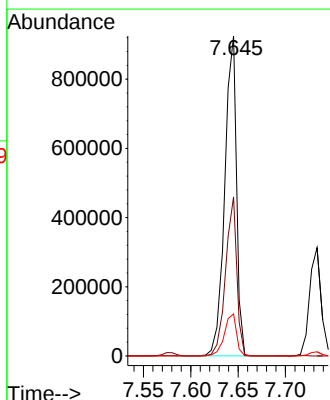
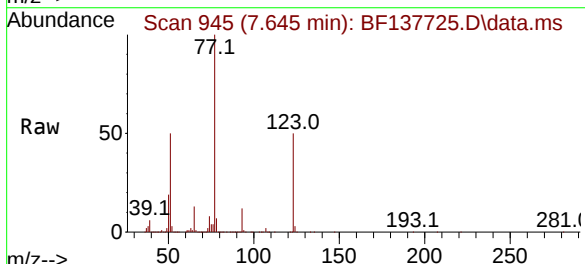
Delta R.T. -0.006 min

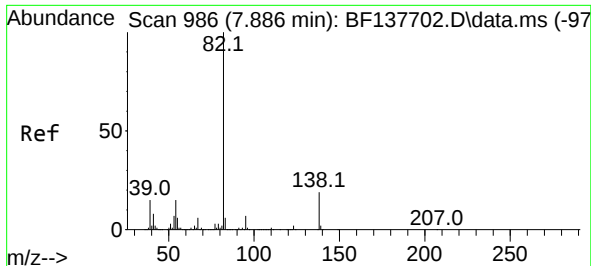
Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Tgt Ion: 77 Resp: 801720

Ion	Ratio	Lower	Upper
77	100		
123	49.7	40.4	60.6
65	13.2	10.7	16.1

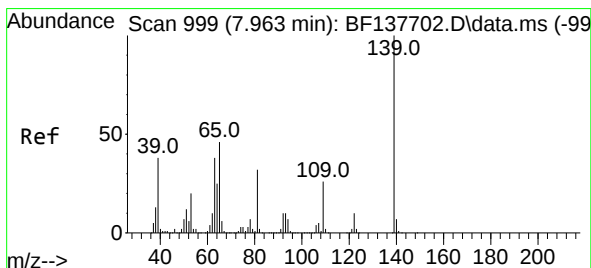
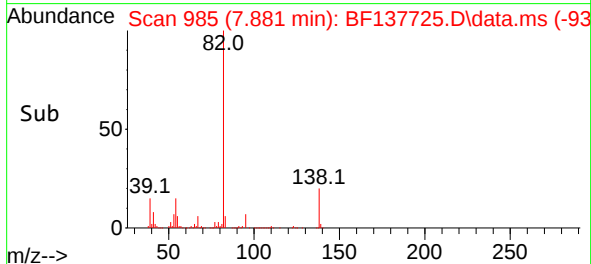
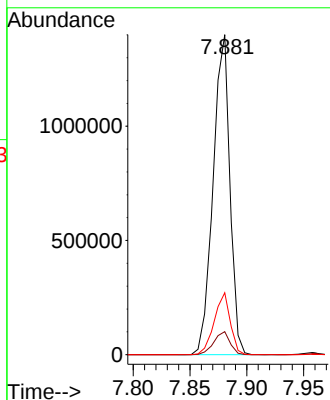
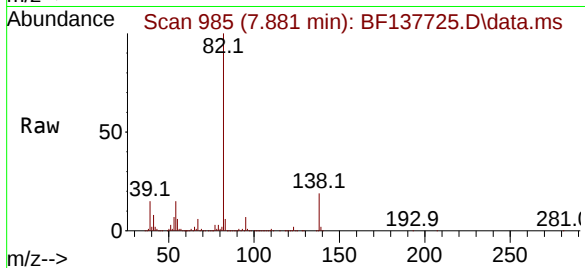




#25
Isophorone
Concen: 45.288 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

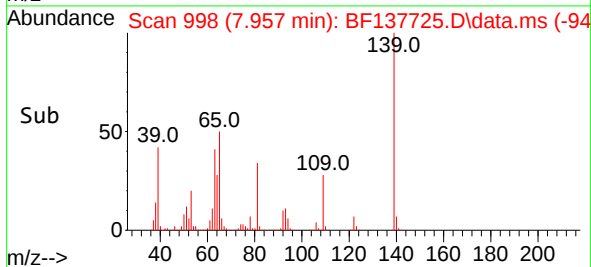
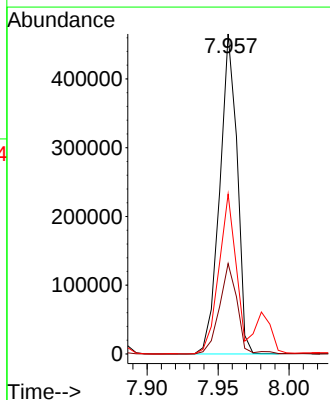
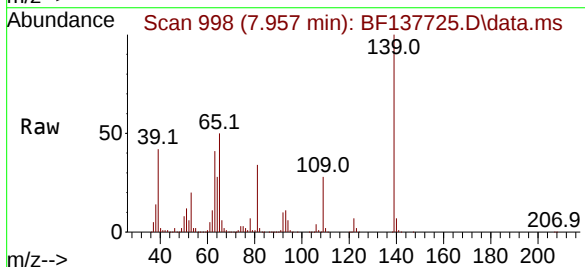
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

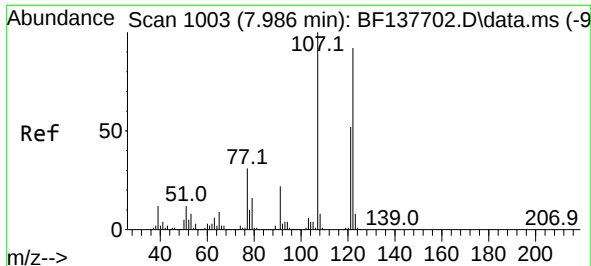
Tgt Ion: 82 Resp: 1439367
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 19.3 15.3 22.9



#26
2-Nitrophenol
Concen: 52.152 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:139 Resp: 395693
Ion Ratio Lower Upper
139 100
109 28.3 21.1 31.7
65 49.9 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 38.961 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

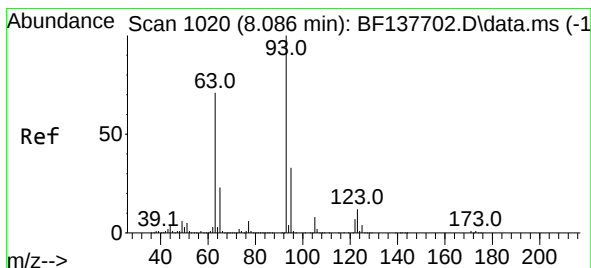
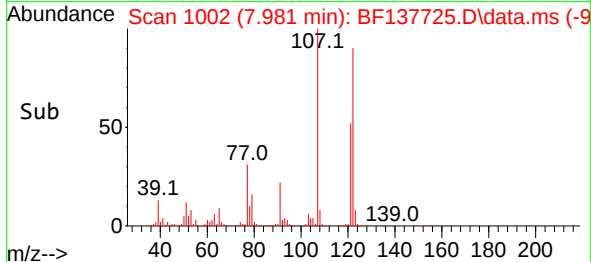
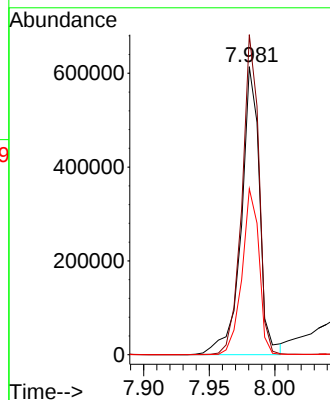
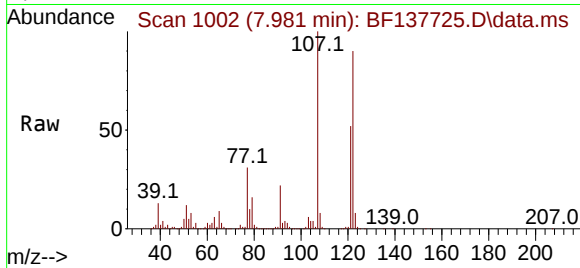
Tgt Ion:122 Resp: 596385

Ion Ratio Lower Upper

122 100

107 111.1 87.2 130.8

121 57.6 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.130 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

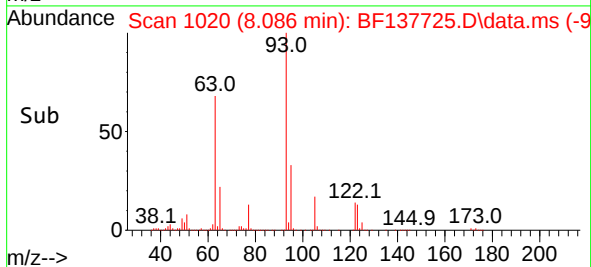
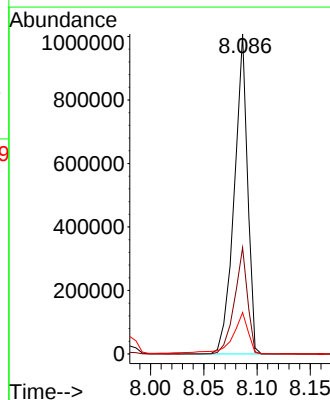
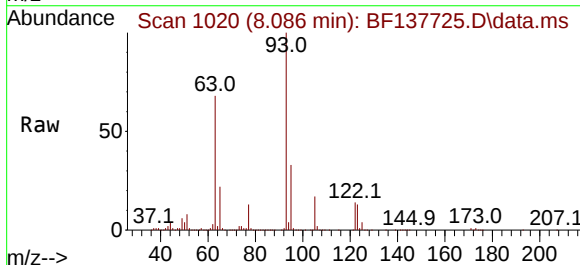
Tgt Ion: 93 Resp: 876101

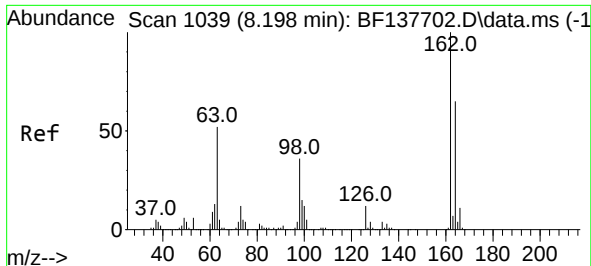
Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

123 13.0 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 48.345 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

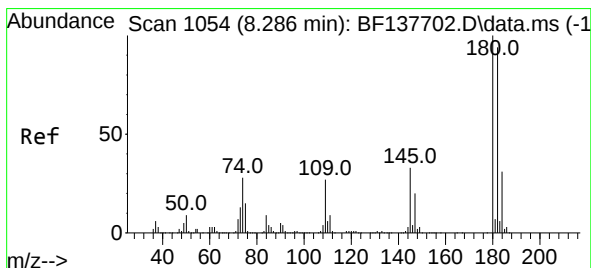
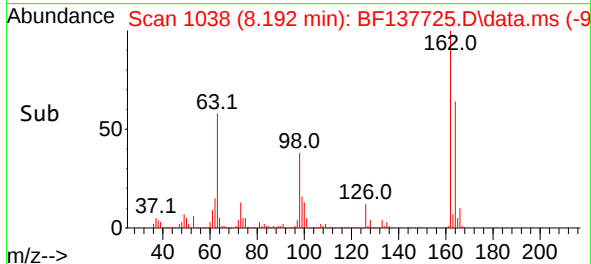
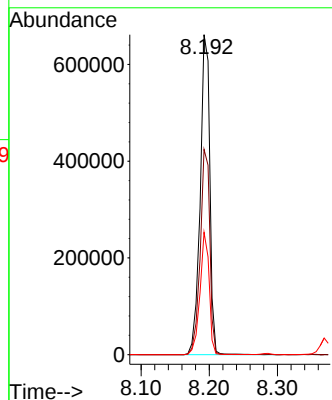
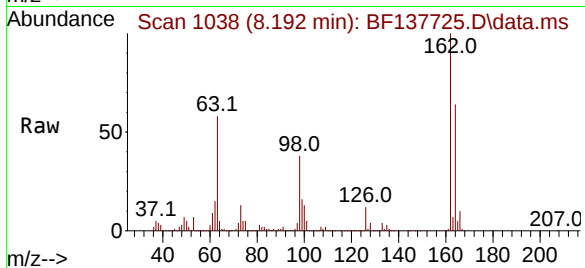
Tgt Ion:162 Resp: 648561

Ion Ratio Lower Upper

162 100

164 64.2 45.2 85.2

98 38.2 15.7 55.7



#30

1,2,4-Trichlorobenzene

Concen: 48.005 ng

RT: 8.286 min Scan# 1054

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

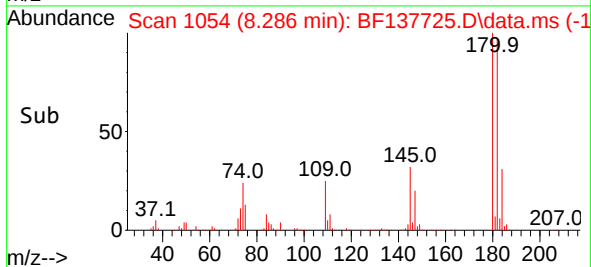
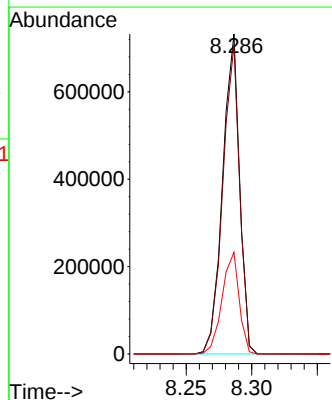
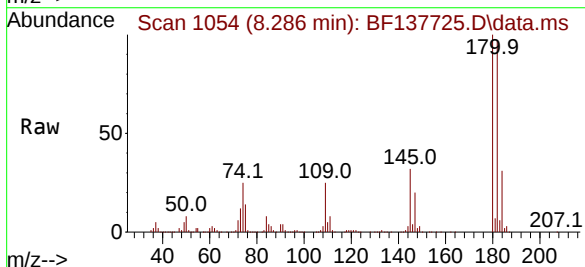
Tgt Ion:180 Resp: 656407

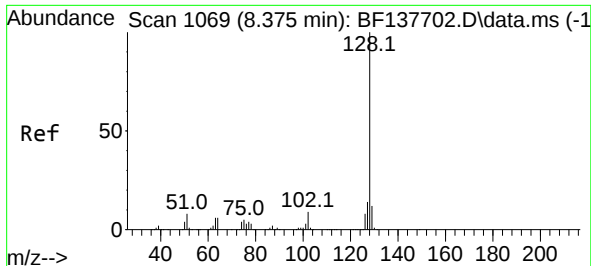
Ion Ratio Lower Upper

180 100

182 96.7 75.4 113.2

145 31.8 26.3 39.5

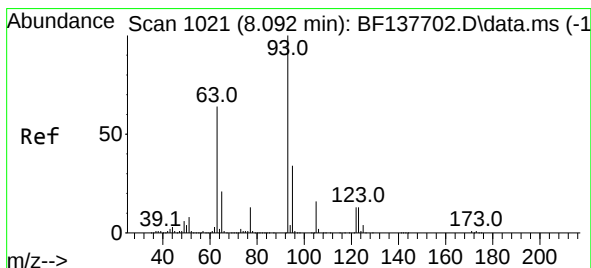
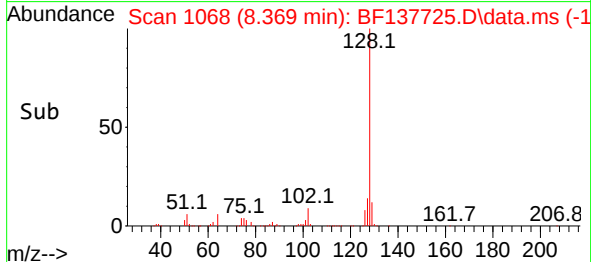
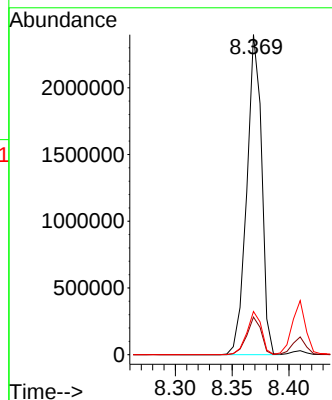
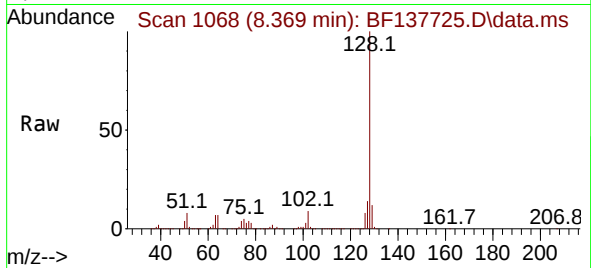




#31
Naphthalene
Concen: 47.150 ng
RT: 8.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

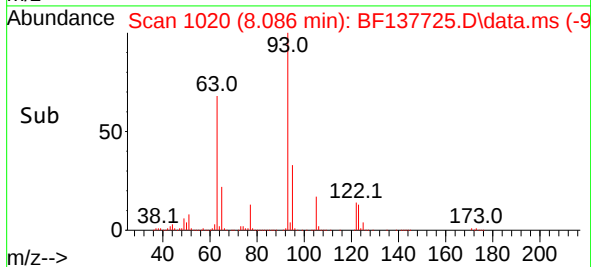
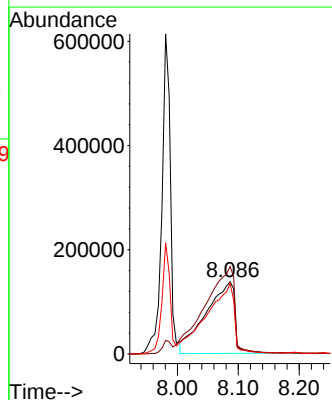
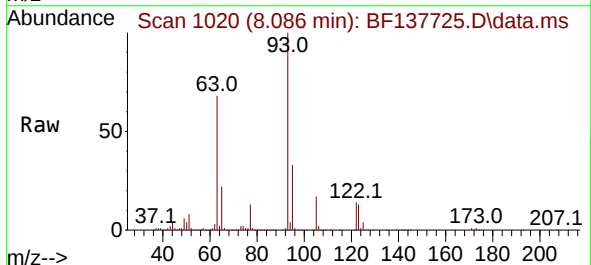
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

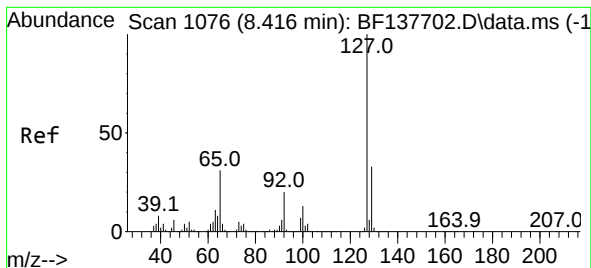
Tgt Ion:128 Resp: 2185671
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.5 11.0 16.6



#32
Benzoic acid
Concen: 47.180 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:122 Resp: 457284
Ion Ratio Lower Upper
122 100
105 121.0 101.1 141.1
77 97.6 75.7 115.7





#33

4-Chloroaniline

Concen: 17.635 ng

RT: 8.410 min Scan# 1076

Delta R.T. -0.006 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

Tgt Ion:127 Resp: 346012

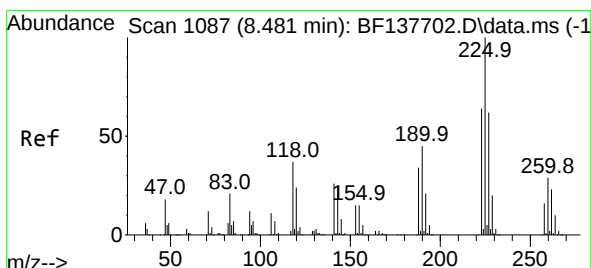
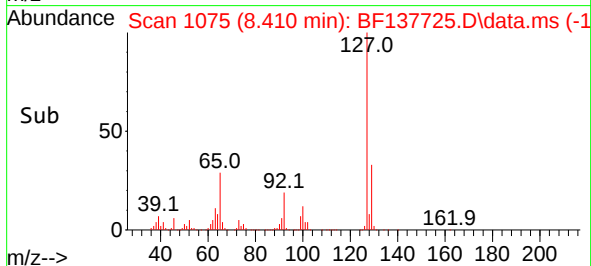
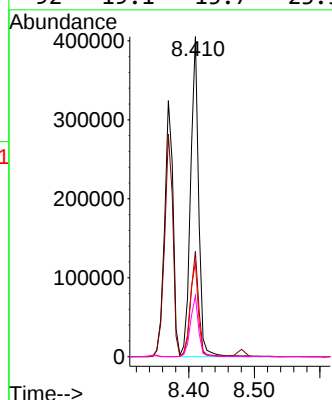
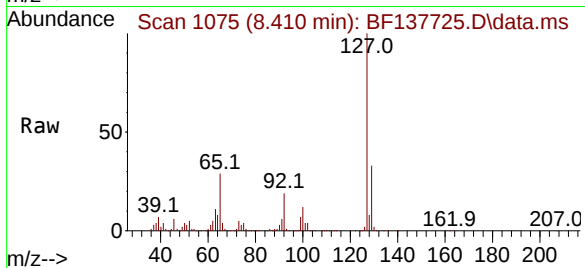
Ion Ratio Lower Upper

127 100

129 33.0 26.4 39.6

65 29.4 24.6 36.8

92 19.1 15.7 23.5



#34

Hexachlorobutadiene

Concen: 47.103 ng

RT: 8.480 min Scan# 1087

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

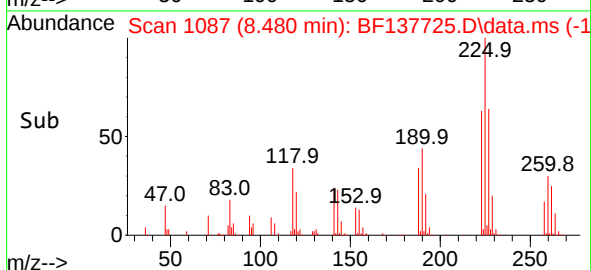
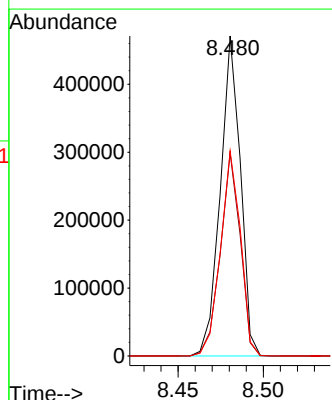
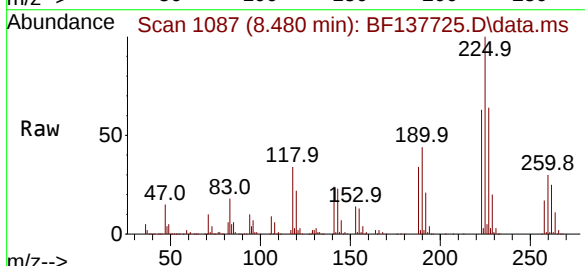
Tgt Ion:225 Resp: 386126

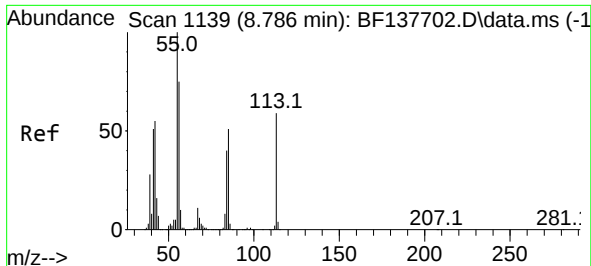
Ion Ratio Lower Upper

225 100

223 63.4 51.4 77.0

227 64.0 49.4 74.2





#35

Caprolactam

Concen: 29.880 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

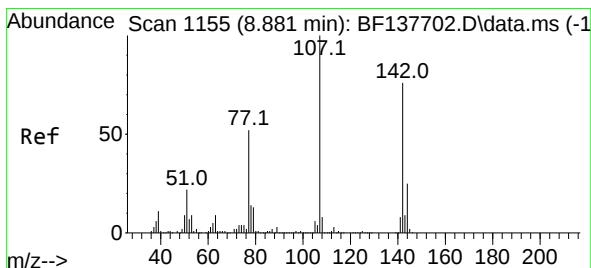
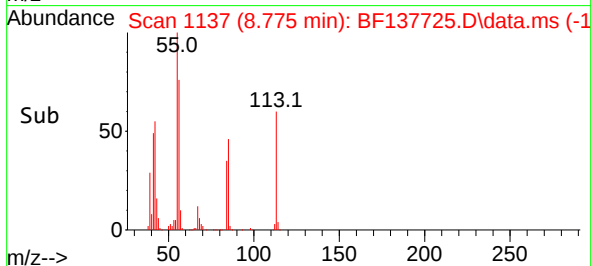
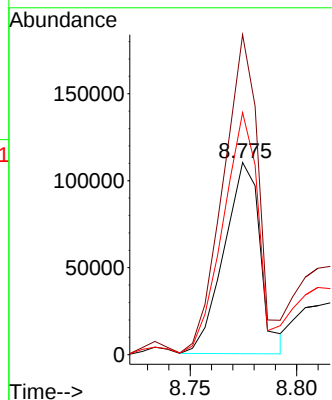
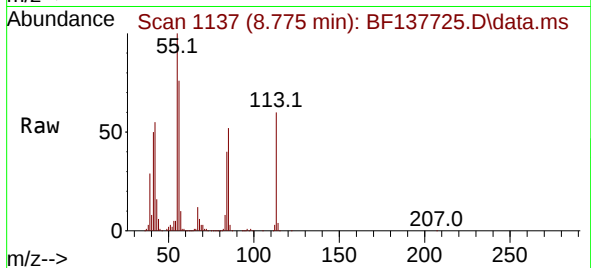
Tgt Ion:113 Resp: 129597

Ion Ratio Lower Upper

113 100

55 166.5 148.7 188.7

56 125.9 107.2 147.2



#36

4-Chloro-3-methylphenol

Concen: 47.226 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

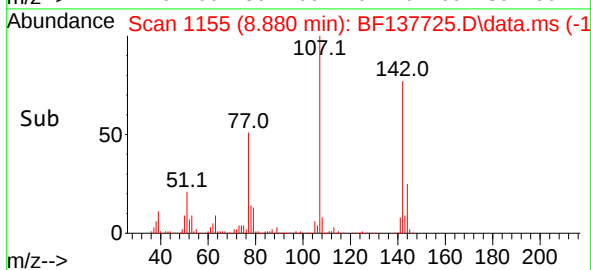
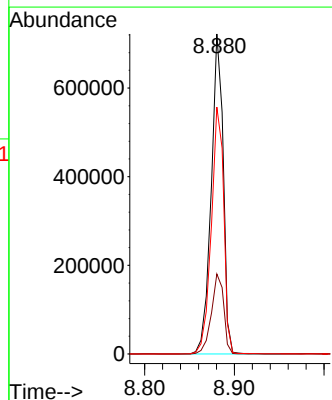
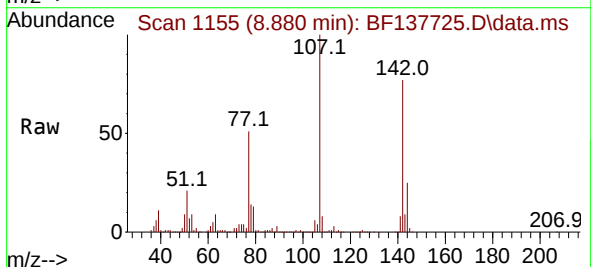
Tgt Ion:107 Resp: 671954

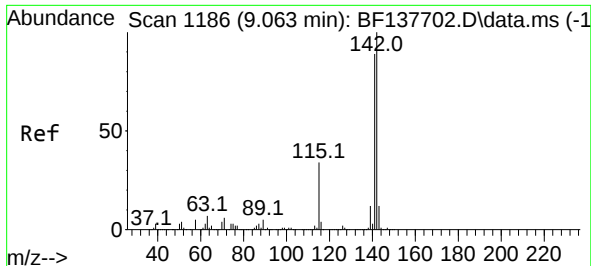
Ion Ratio Lower Upper

107 100

144 25.0 19.8 29.8

142 77.2 60.5 90.7





#37

2-Methylnaphthalene

Concen: 44.952 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

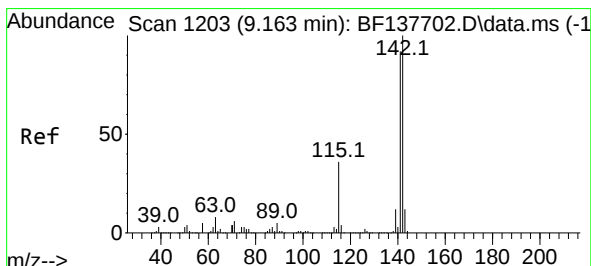
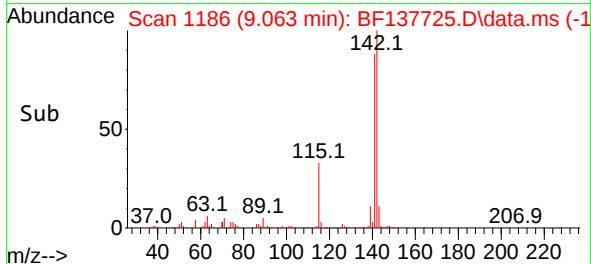
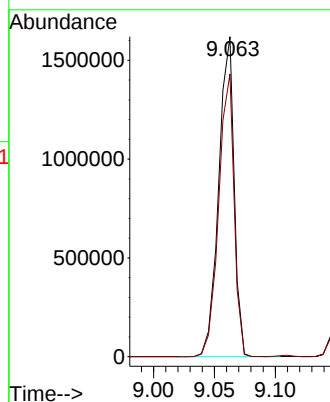
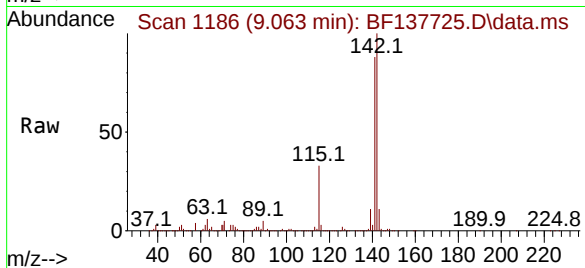
YARD-3MS

Tgt Ion:142 Resp: 1430246

Ion Ratio Lower Upper

142 100

141 88.4 71.2 106.8



#38

1-Methylnaphthalene

Concen: 44.941 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF137725.D

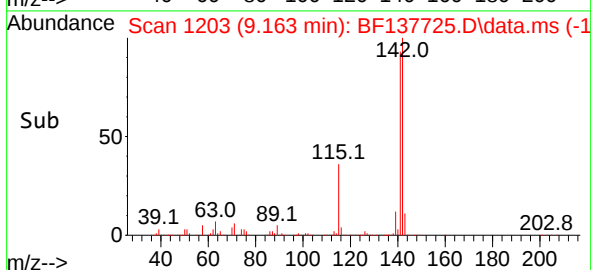
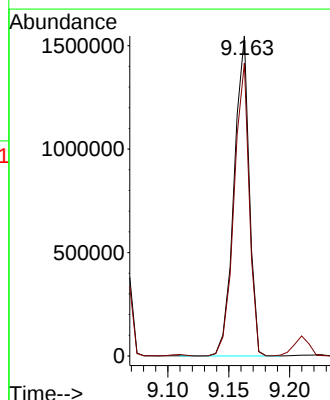
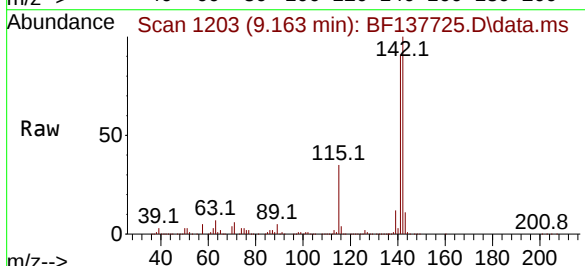
Acq: 24 Apr 2024 18:51

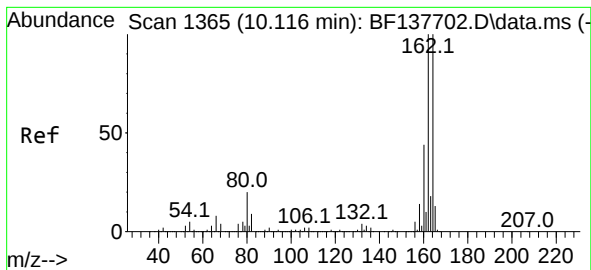
Tgt Ion:142 Resp: 1336883

Ion Ratio Lower Upper

142 100

141 91.4 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

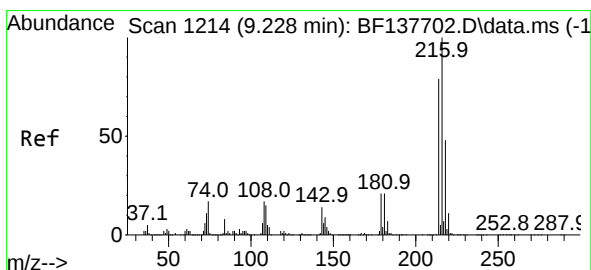
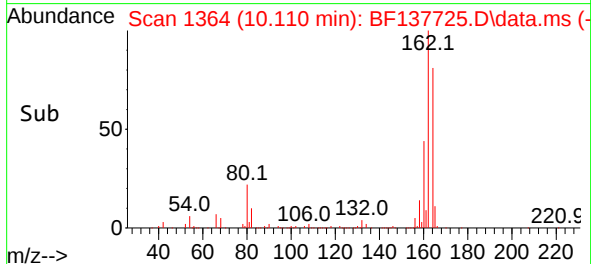
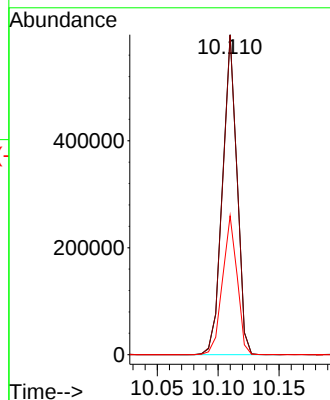
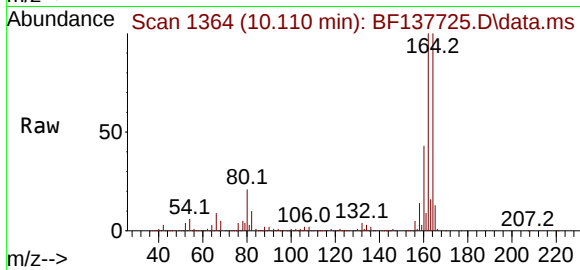
Tgt Ion:164 Resp: 494675

Ion Ratio Lower Upper

164 100

162 99.8 80.3 120.5

160 43.4 35.0 52.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.323 ng

RT: 9.227 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Tgt Ion:216 Resp: 655335

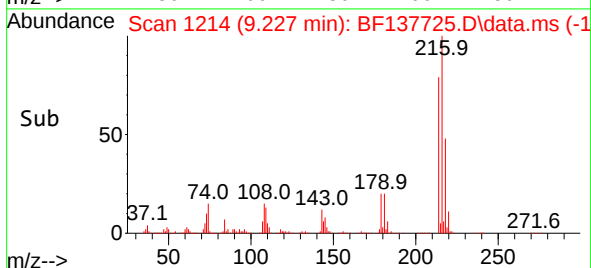
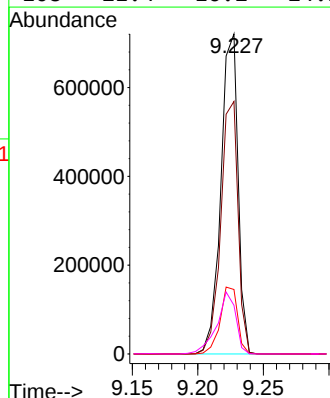
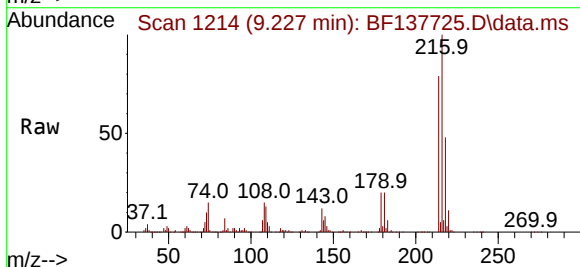
Ion Ratio Lower Upper

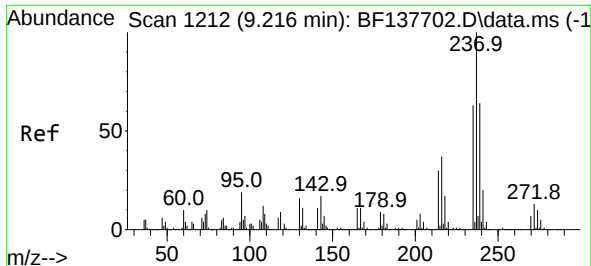
216 100

214 79.5 63.4 95.0

179 21.1 17.1 25.7

108 21.4 16.2 24.2

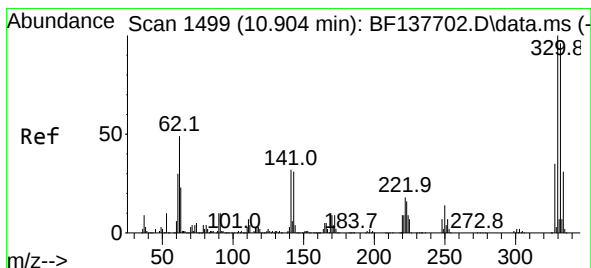
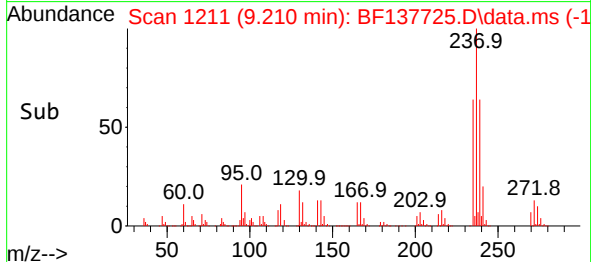
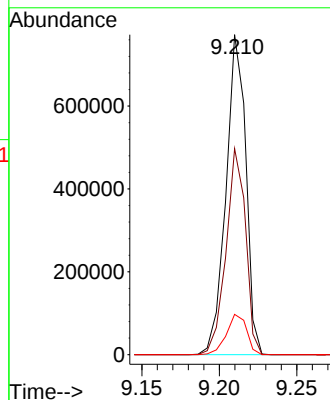
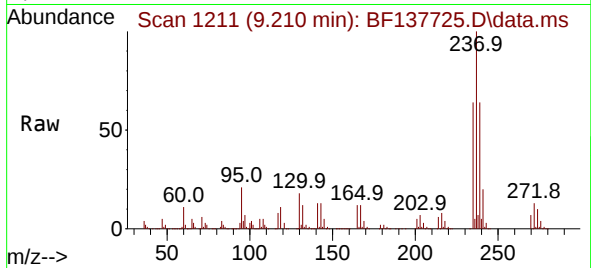




#41
Hexachlorocyclopentadiene
Concen: 90.621 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

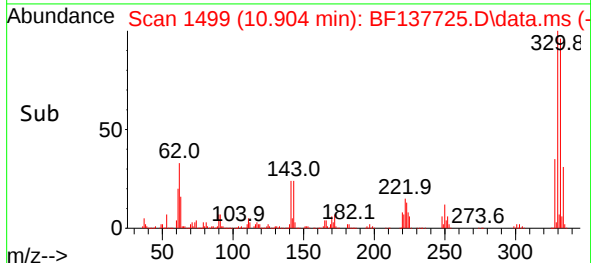
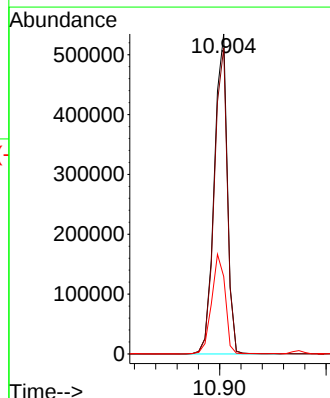
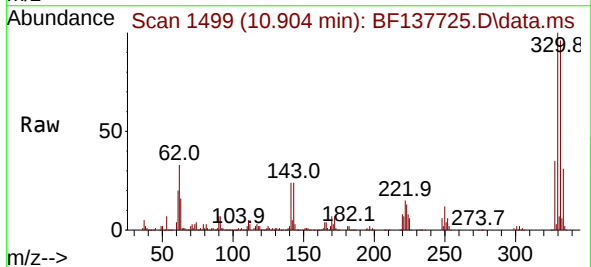
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

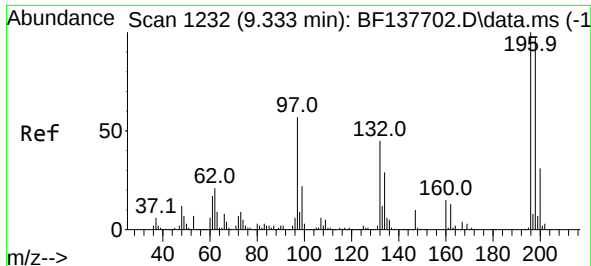
Tgt Ion:237 Resp: 688610
Ion Ratio Lower Upper
237 100
235 64.4 42.9 82.9
272 12.6 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 90.702 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:330 Resp: 452751
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 32.5 27.0 40.4

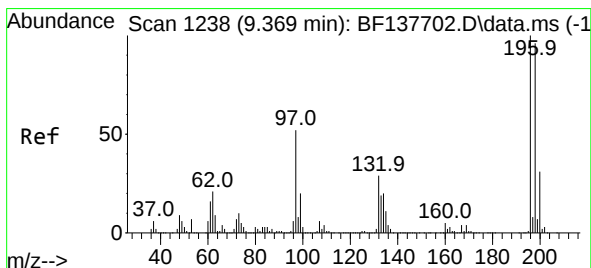
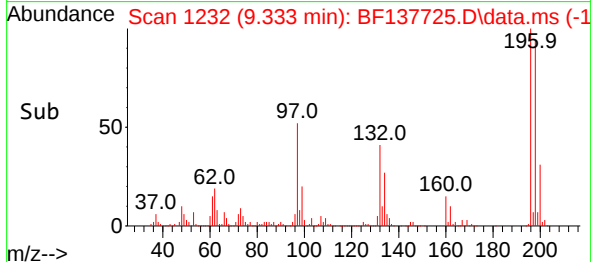
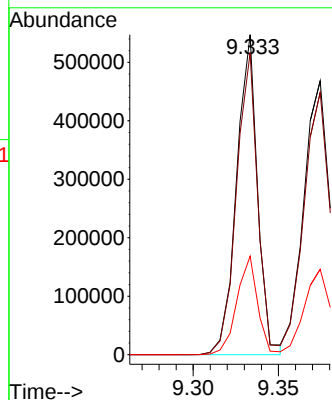
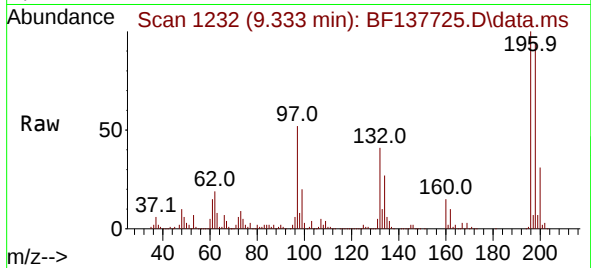




#43
2,4,6-Trichlorophenol
Concen: 49.283 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

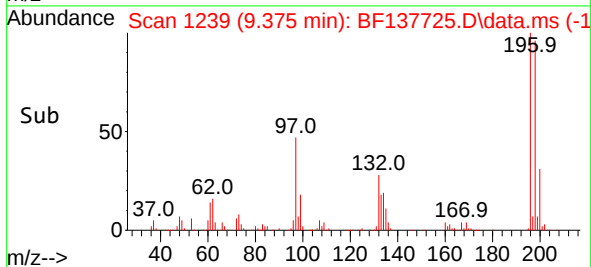
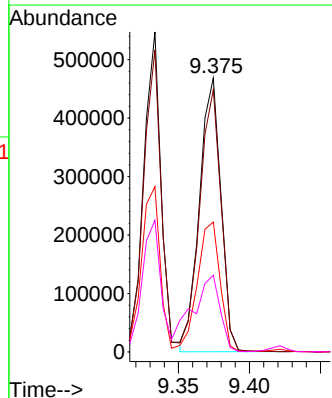
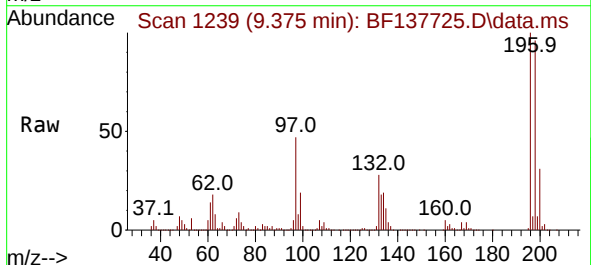
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

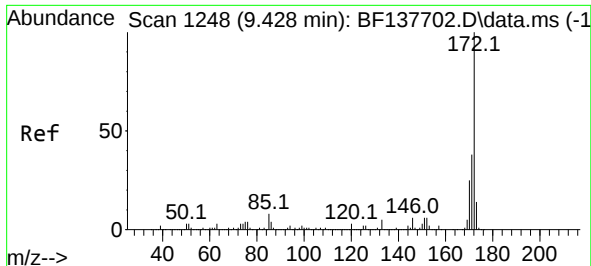
Tgt Ion:196 Resp: 468873
Ion Ratio Lower Upper
196 100
198 94.4 77.8 116.6
200 30.8 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 45.319 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:196 Resp: 494131
Ion Ratio Lower Upper
196 100
198 95.8 77.2 115.8
97 47.4 41.8 62.8
132 28.0 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 57.276 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

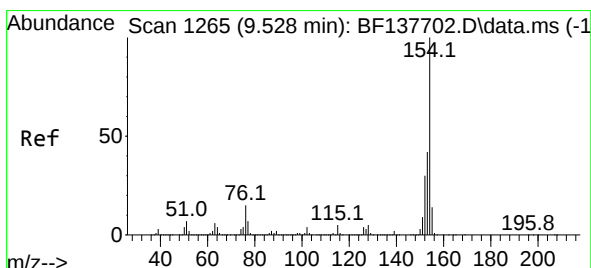
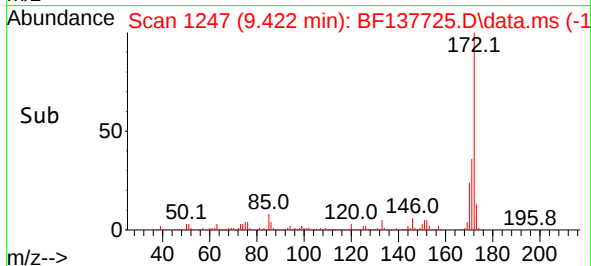
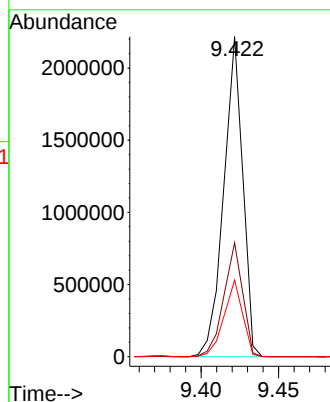
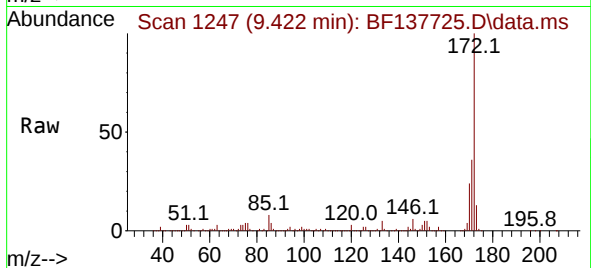
Tgt Ion:172 Resp: 1896201

Ion Ratio Lower Upper

172 100

171 35.6 30.2 45.4

170 23.9 20.2 30.4



#46

1,1'-Biphenyl

Concen: 47.620 ng

RT: 9.527 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

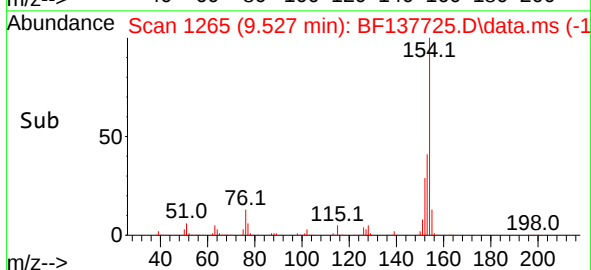
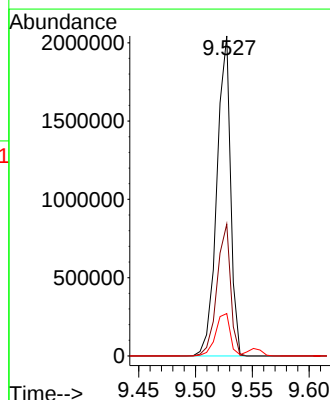
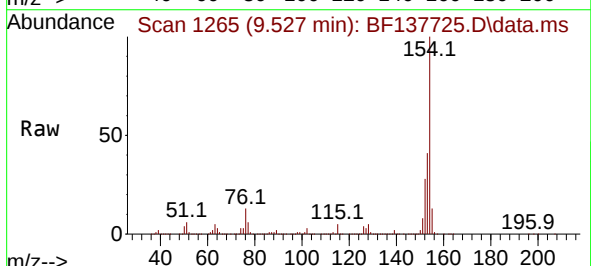
Tgt Ion:154 Resp: 1713691

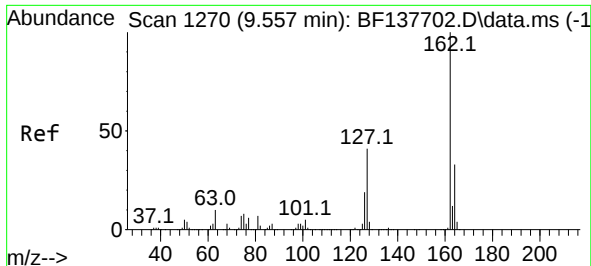
Ion Ratio Lower Upper

154 100

153 41.2 21.9 61.9

76 13.2 0.0 35.3





#47

2-Chloronaphthalene

Concen: 48.559 ng

RT: 9.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

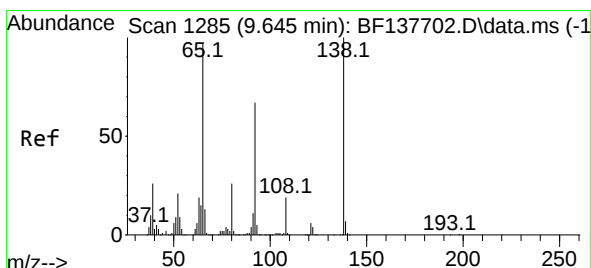
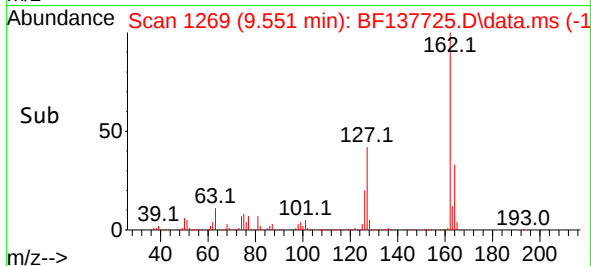
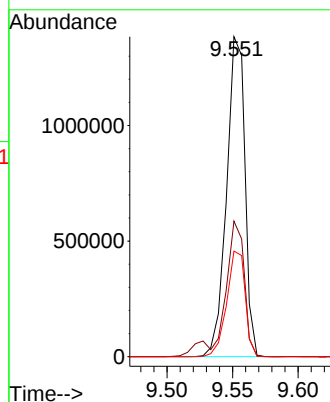
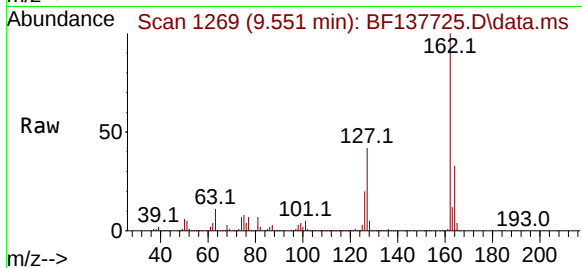
Tgt Ion:162 Resp: 1347067

Ion Ratio Lower Upper

162 100

127 42.4 33.1 49.7

164 33.0 26.5 39.7



#48

2-Nitroaniline

Concen: 49.465 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

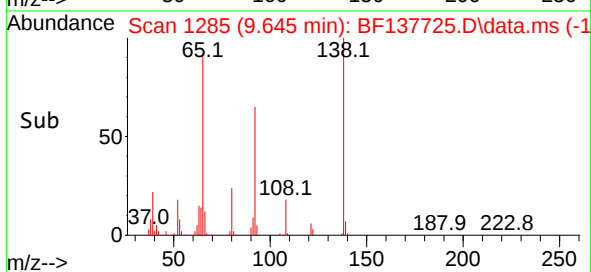
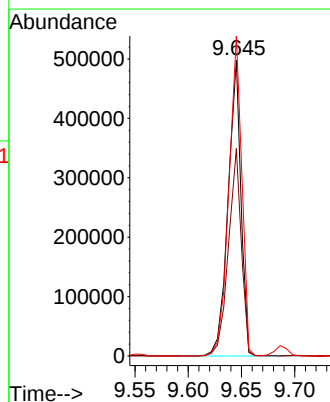
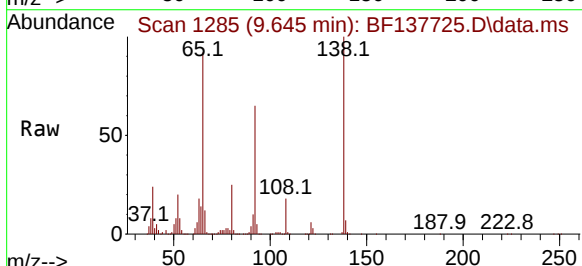
Tgt Ion: 65 Resp: 418141

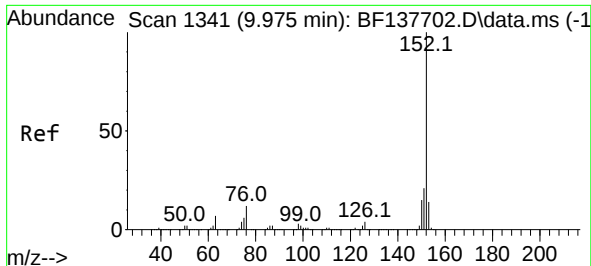
Ion Ratio Lower Upper

65 100

92 70.1 54.9 82.3

138 108.1 82.4 123.6

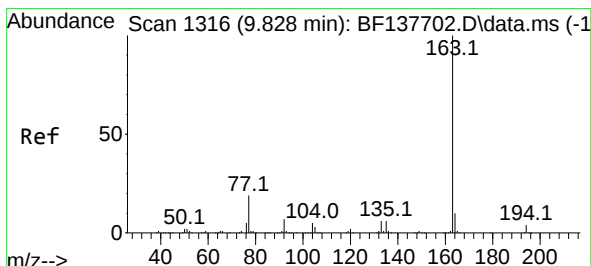
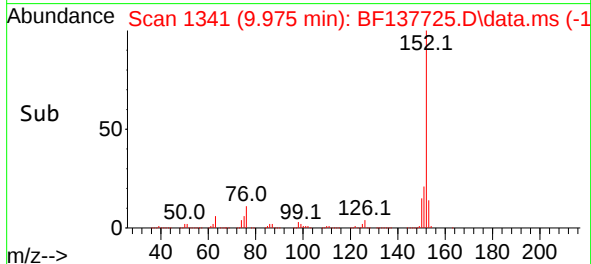
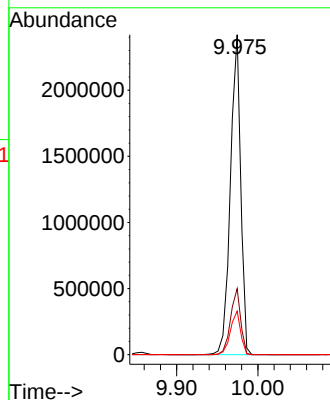
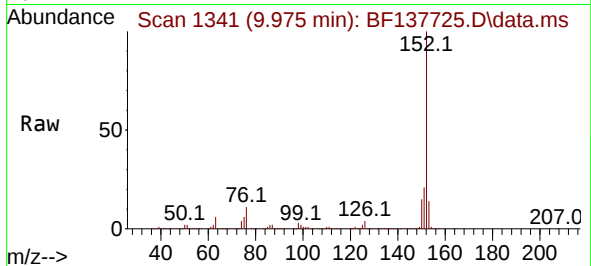




#49
Acenaphthylene
Concen: 49.464 ng
RT: 9.975 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

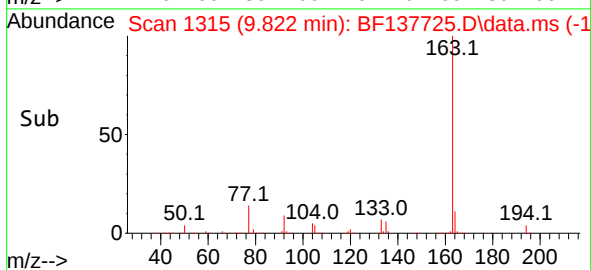
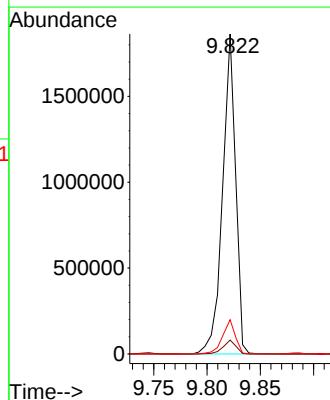
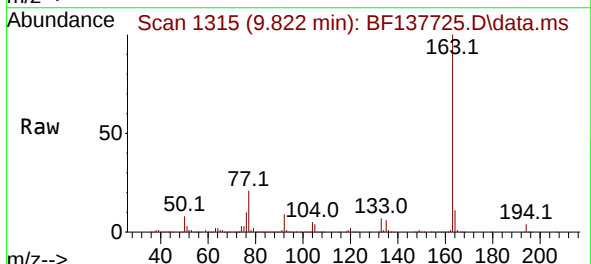
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

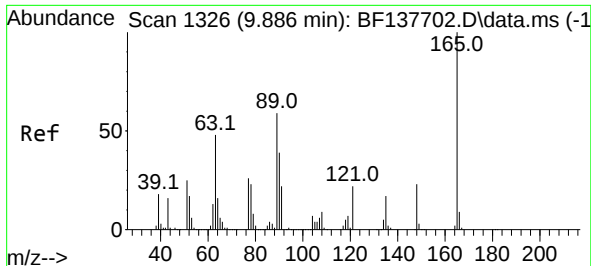
Tgt Ion:152 Resp: 2139852
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.6 11.0 16.4



#50
Dimethylphthalate
Concen: 45.882 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:163 Resp: 1581333
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.7 8.2 12.2

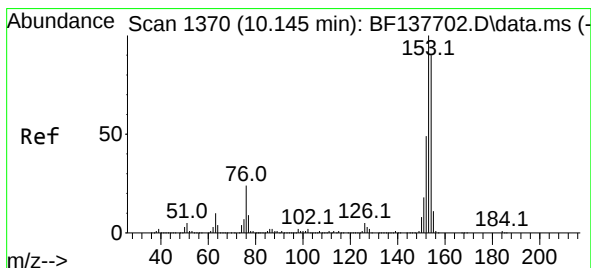
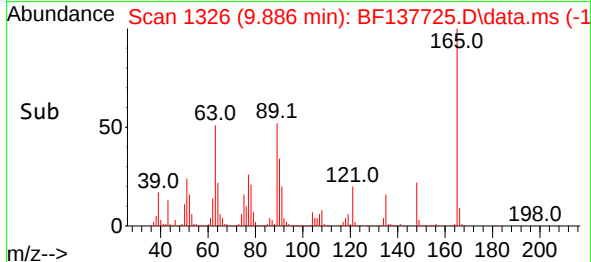
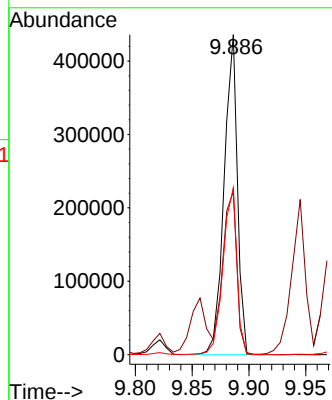
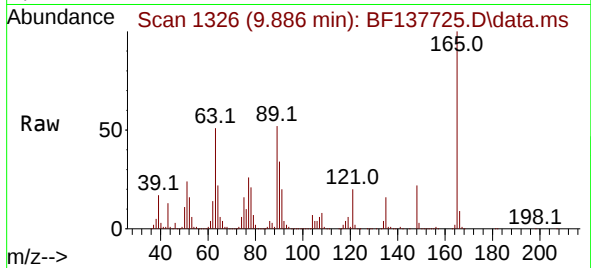




#51
2,6-Dinitrotoluene
Concen: 49.119 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

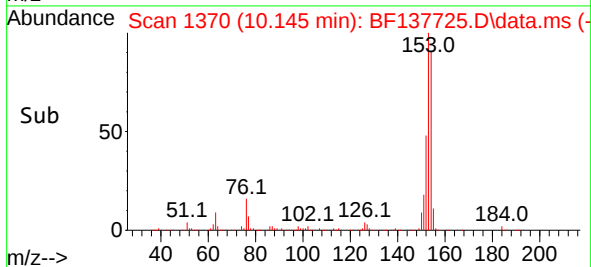
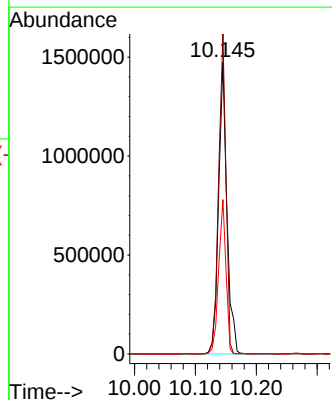
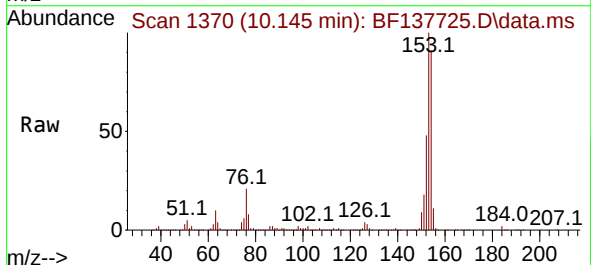
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

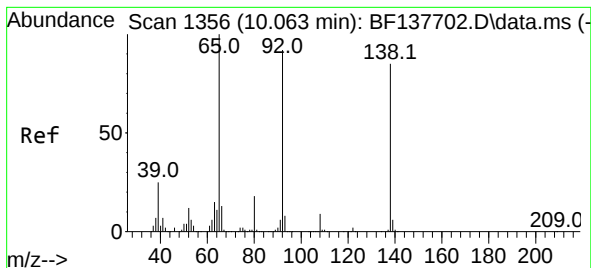
Tgt Ion:165 Resp: 356685
Ion Ratio Lower Upper
165 100
63 51.0 47.7 71.5
89 52.1 47.3 70.9



#52
Acenaphthene
Concen: 50.128 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:154 Resp: 1404168
Ion Ratio Lower Upper
154 100
153 109.6 88.5 132.7
152 52.9 43.3 64.9

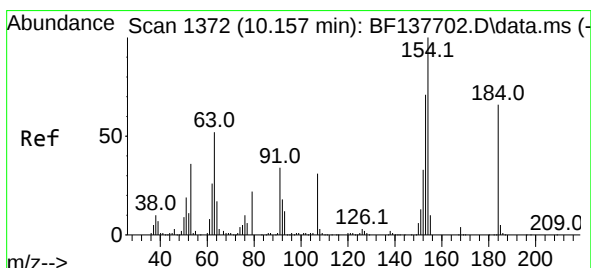
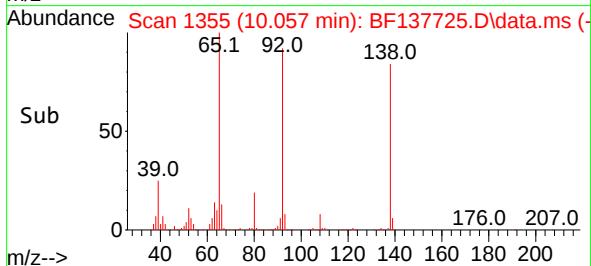
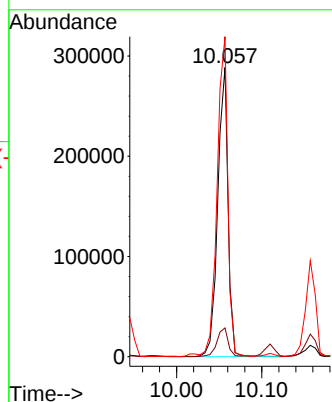
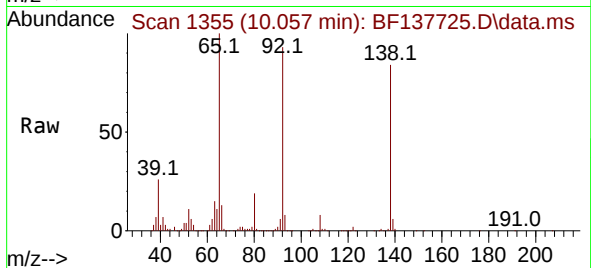




#53
3-Nitroaniline
Concen: 29.841 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

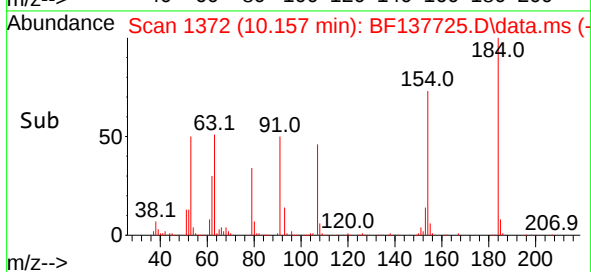
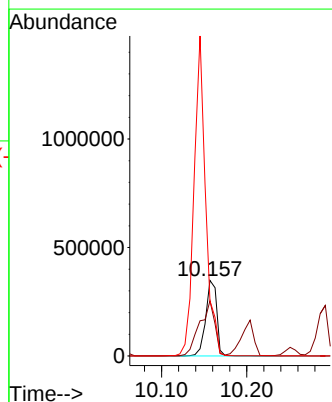
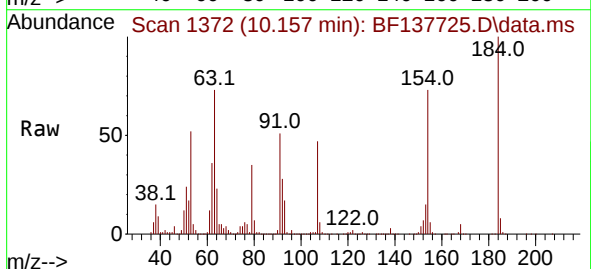
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

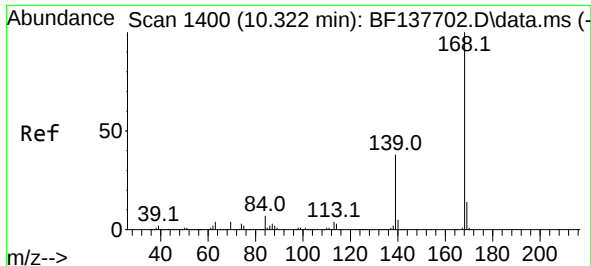
Tgt Ion:138 Resp: 243517
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 110.6 86.9 130.3



#54
2,4-Dinitrophenol
Concen: 80.853 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:184 Resp: 312196
Ion Ratio Lower Upper
184 100
63 73.1 63.5 95.3
154 73.2 123.0 184.6#

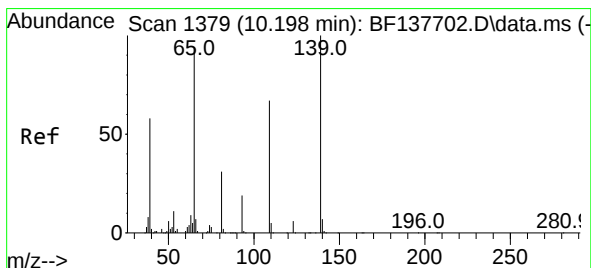
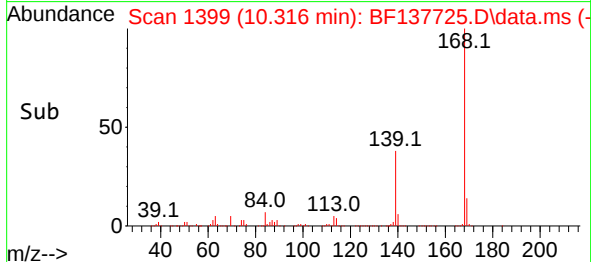
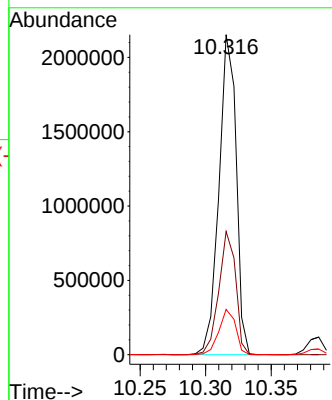
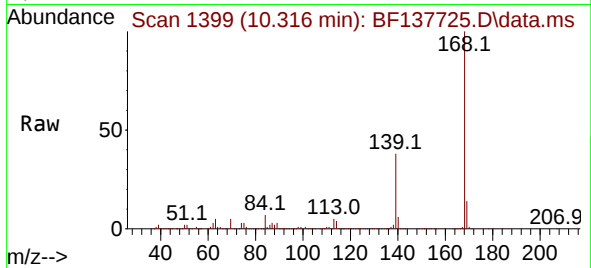




#55
Dibenzenofuran
Concen: 47.756 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

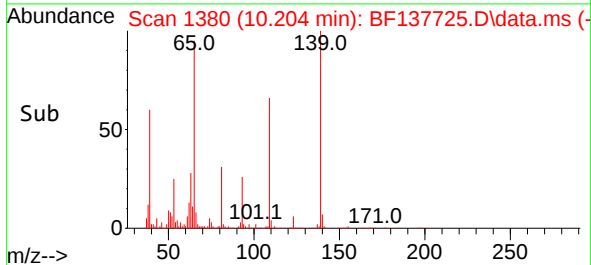
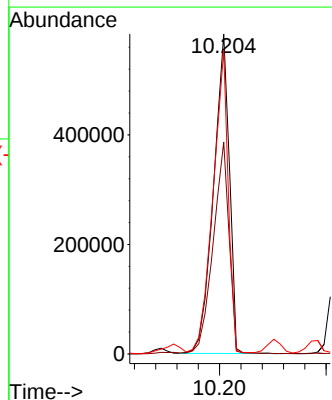
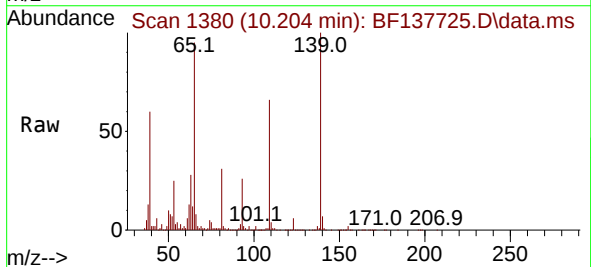
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

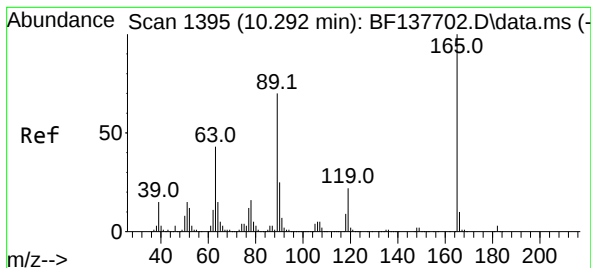
Tgt Ion:168 Resp: 1960944
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 14.1 10.9 16.3



#56
4-Nitrophenol
Concen: 94.928 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:139 Resp: 602437
Ion Ratio Lower Upper
139 100
109 66.3 46.9 86.9
65 94.9 75.8 115.8

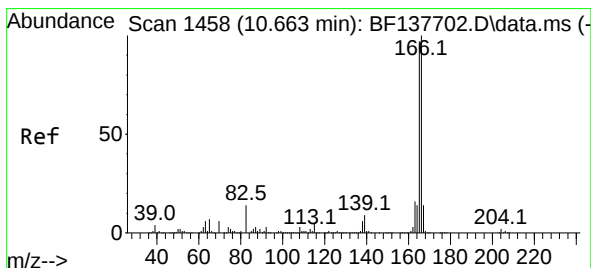
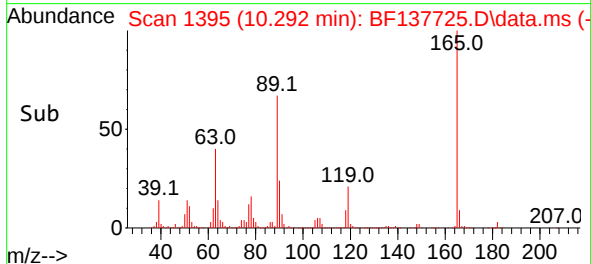
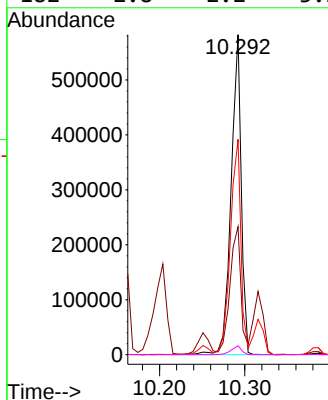
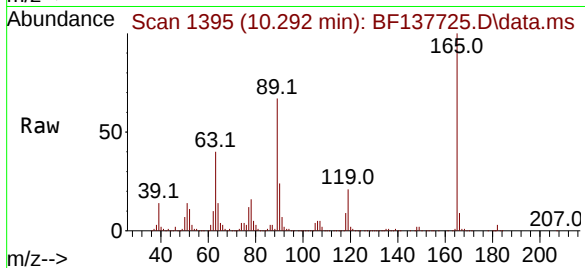




#57
2,4-Dinitrotoluene
Concen: 52.660 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

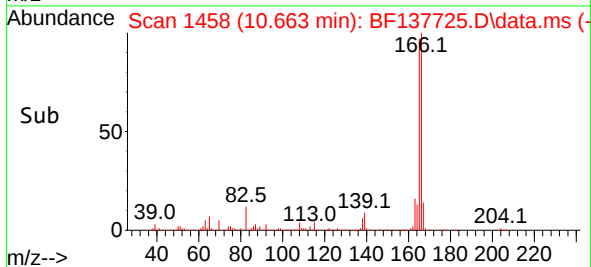
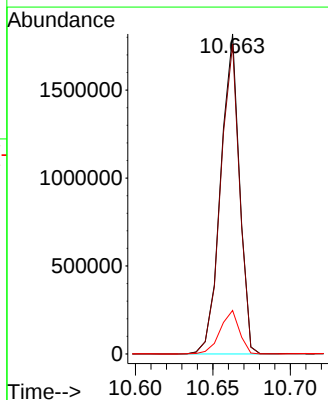
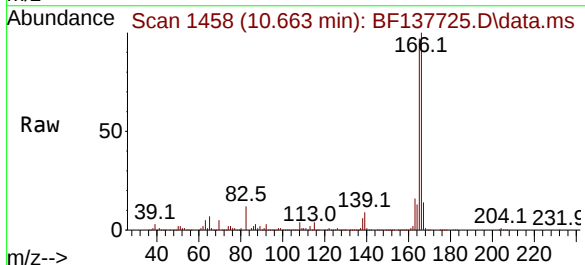
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

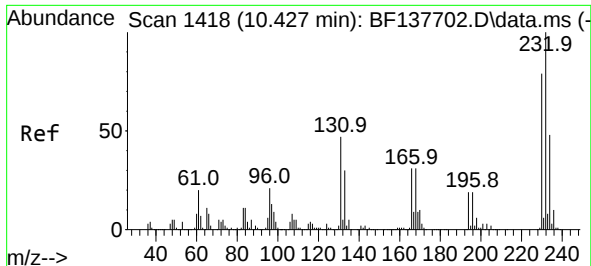
Tgt Ion:165 Resp: 482094
Ion Ratio Lower Upper
165 100
63 40.0 34.1 51.1
89 67.3 56.4 84.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 47.864 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:166 Resp: 1535657
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.6
167 13.6 10.8 16.2

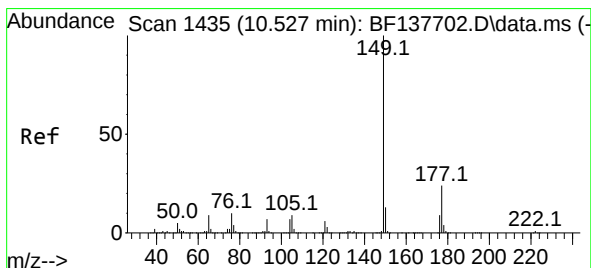
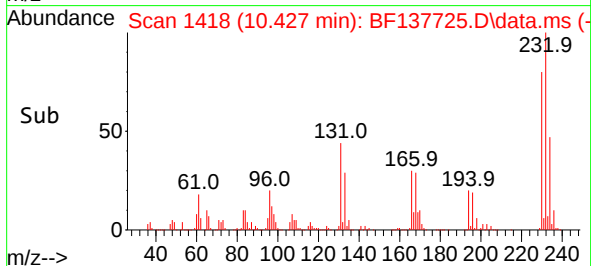
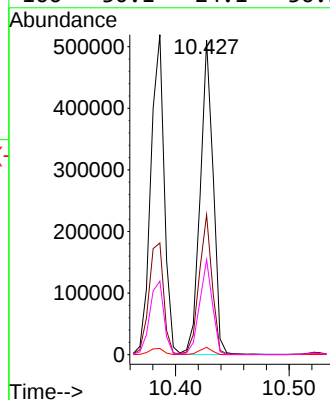
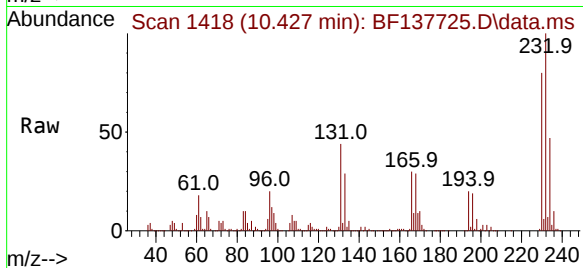




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.728 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

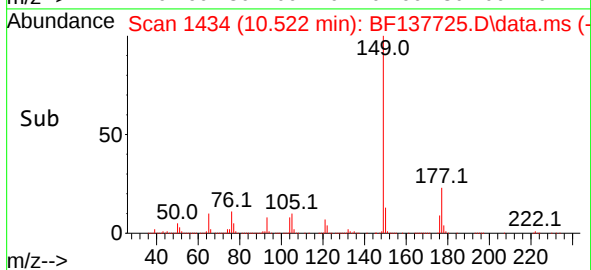
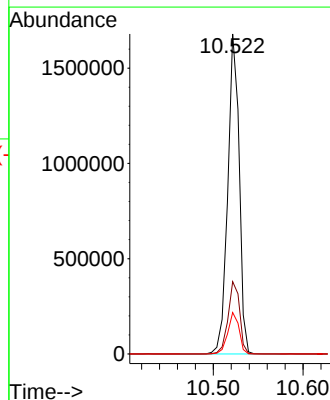
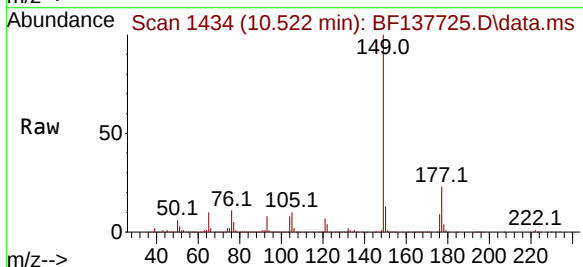
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

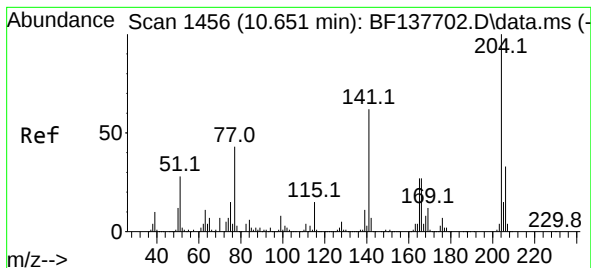
Tgt Ion:232 Resp: 402954
Ion Ratio Lower Upper
232 100
131 44.6 36.4 54.6
130 2.4 1.8 2.6
166 30.1 24.1 36.1



#60
Diethylphthalate
Concen: 44.755 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:149 Resp: 1483609
Ion Ratio Lower Upper
149 100
177 22.6 19.0 28.4
150 13.0 10.2 15.2

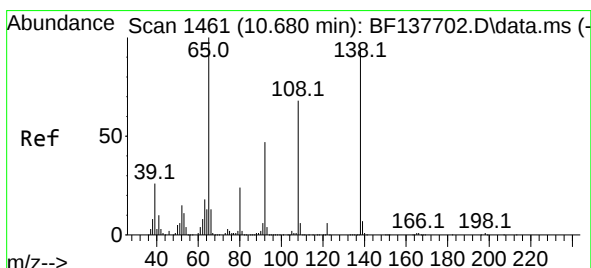
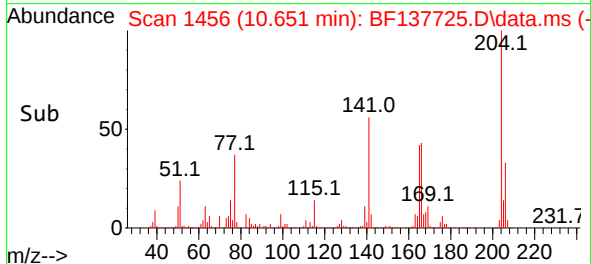
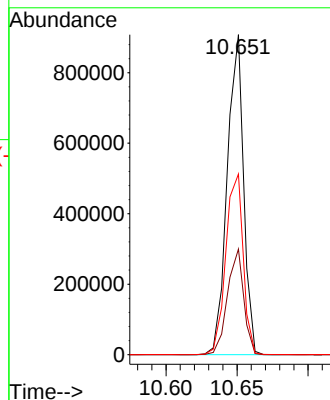
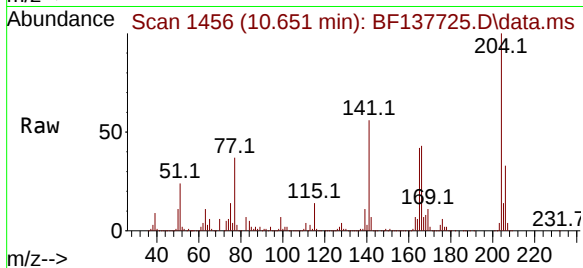




#61
4-Chlorophenyl-phenylether
Concen: 45.753 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

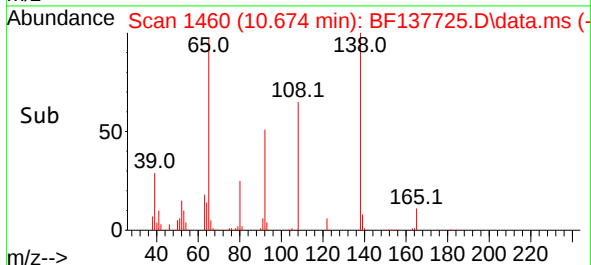
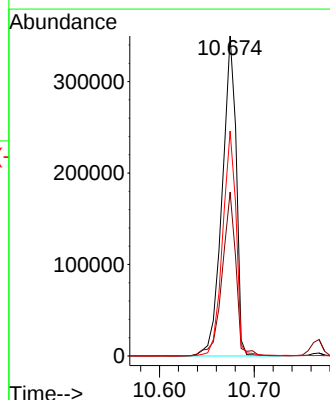
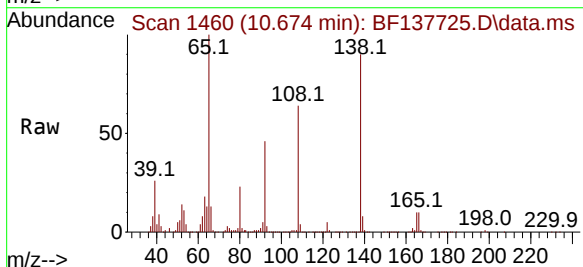
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

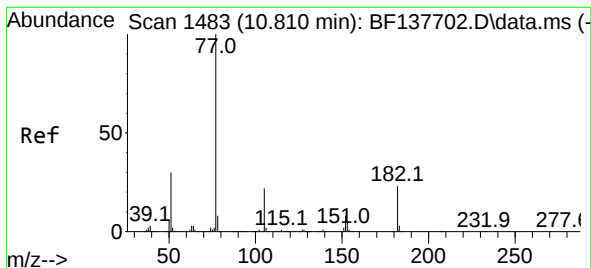
Tgt Ion:204 Resp: 725329
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 56.5 49.4 74.2



#62
4-Nitroaniline
Concen: 46.445 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:138 Resp: 361008
Ion Ratio Lower Upper
138 100
92 51.2 29.8 69.8
108 70.3 51.1 91.1





#63

Azobenzene

Concen: 45.204 ng

RT: 10.810 min Scan# 1483

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

Tgt Ion: 77 Resp: 1535541

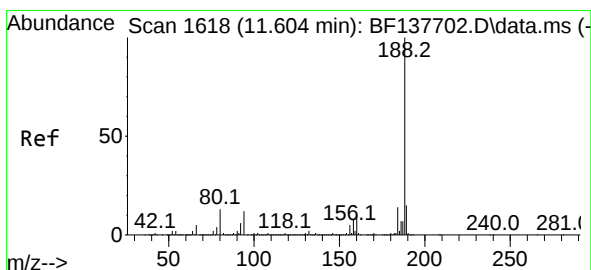
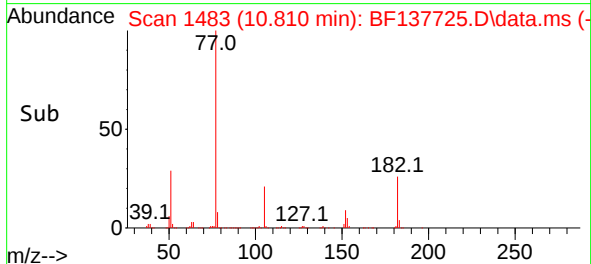
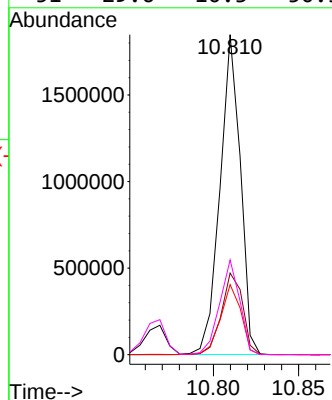
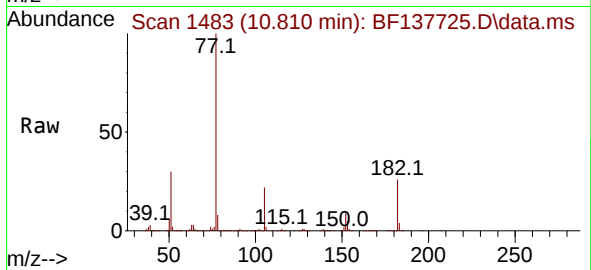
Ion Ratio Lower Upper

77 100

182 25.5 3.1 43.1

105 21.9 1.6 41.6

51 29.6 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

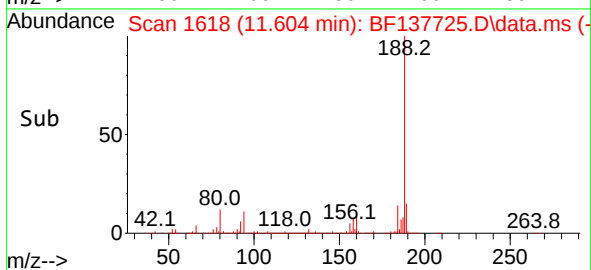
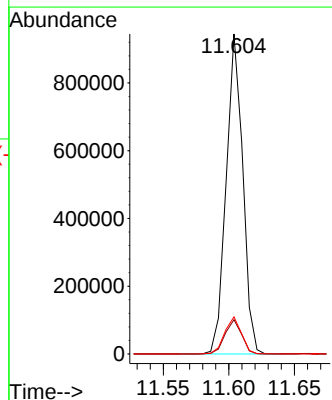
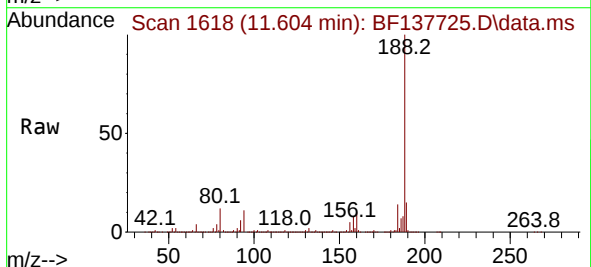
Tgt Ion: 188 Resp: 829314

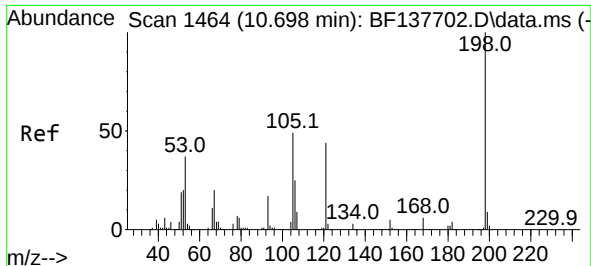
Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

80 11.6 10.2 15.4

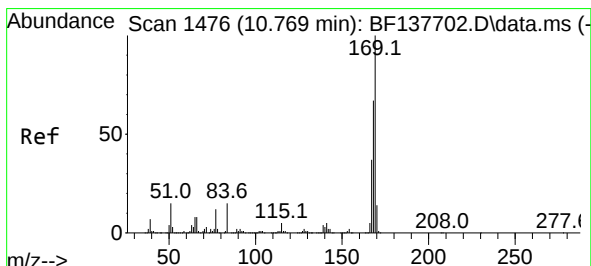
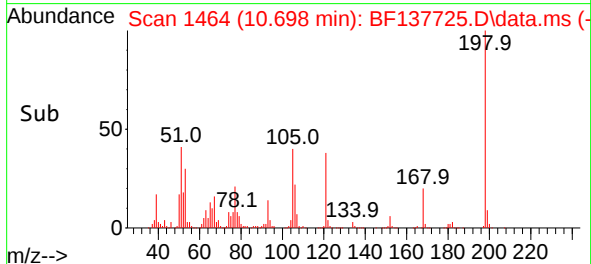
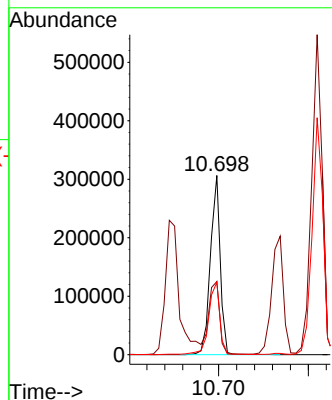
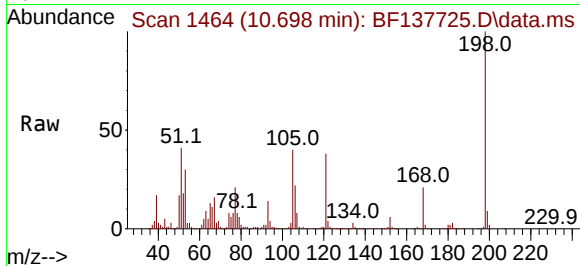




#65
4,6-Dinitro-2-methylphenol
Concen: 48.934 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

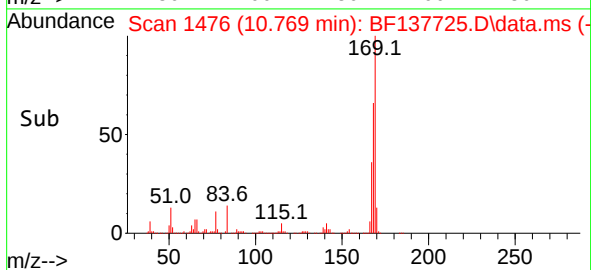
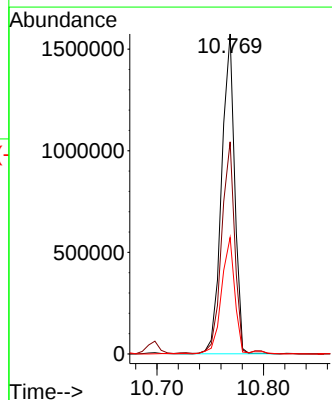
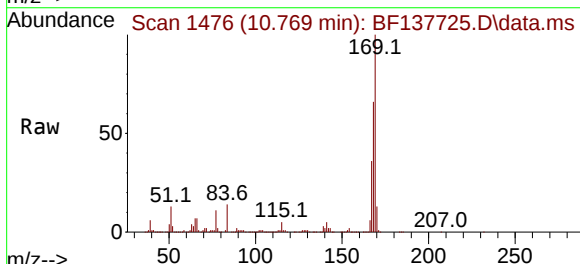
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

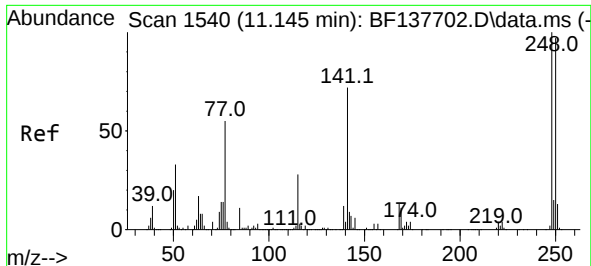
Tgt Ion:198 Resp: 232683
Ion Ratio Lower Upper
198 100
51 40.8 33.5 73.5
105 40.4 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 47.527 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:169 Resp: 1334944
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.2
167 36.4 29.6 44.4

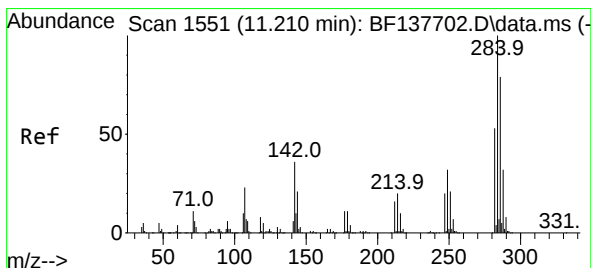
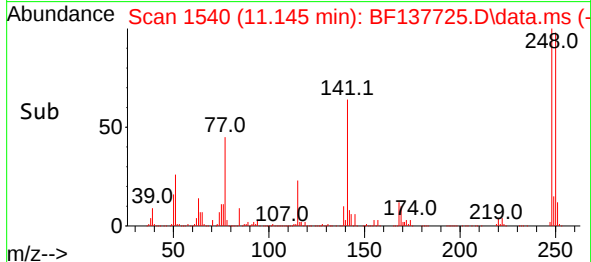
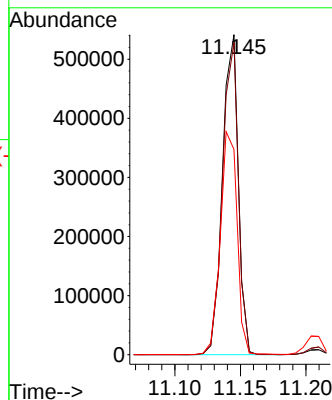
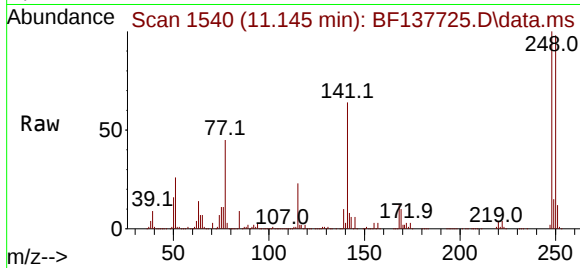




#67
4-Bromophenyl-phenylether
Concen: 47.297 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

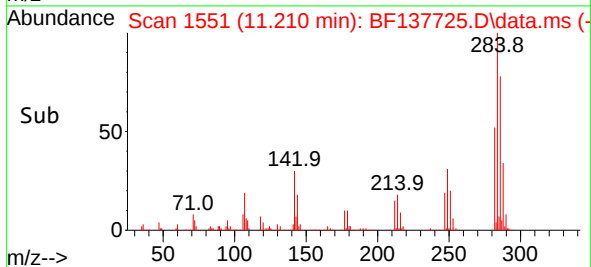
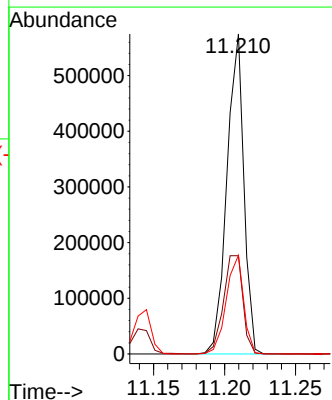
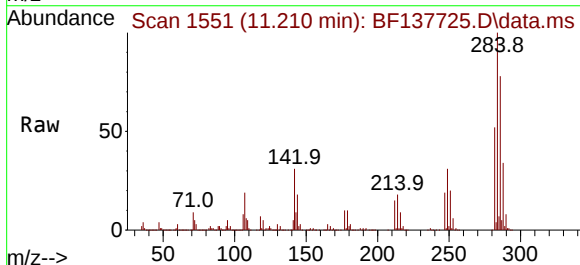
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

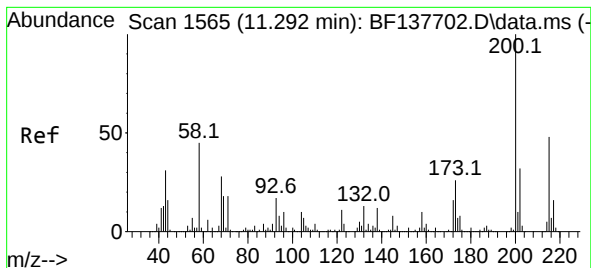
Tgt Ion:248 Resp: 454511
Ion Ratio Lower Upper
248 100
250 97.5 77.4 116.0
141 64.2 57.9 86.9



#68
Hexachlorobenzene
Concen: 50.917 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:284 Resp: 476674
Ion Ratio Lower Upper
284 100
142 30.7 28.5 42.7
249 30.9 25.6 38.4





#69

Atrazine

Concen: 54.186 ng

RT: 11.292 min Scan# 1565

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

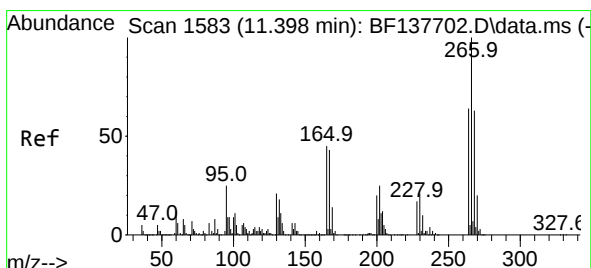
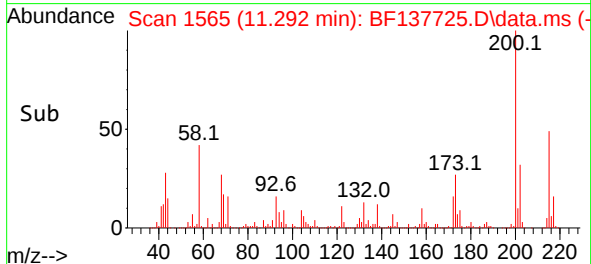
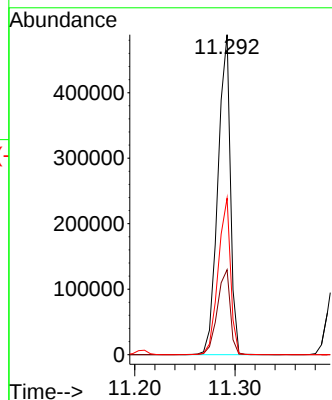
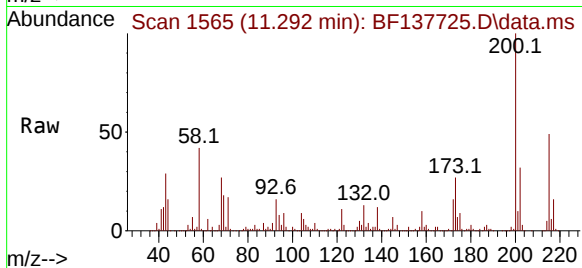
Tgt Ion:200 Resp: 420723

Ion Ratio Lower Upper

200 100

173 26.6 6.3 46.3

215 48.9 28.0 68.0



#70

Pentachlorophenol

Concen: 85.340 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

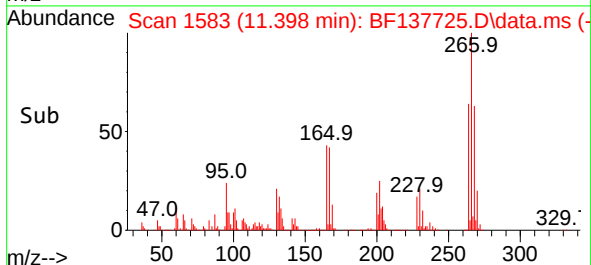
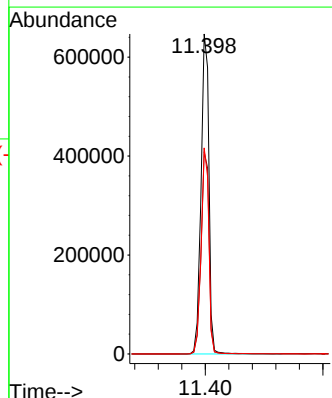
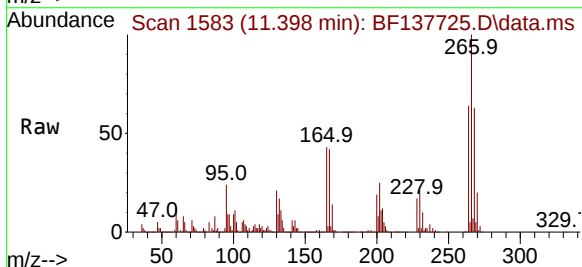
Tgt Ion:266 Resp: 600992

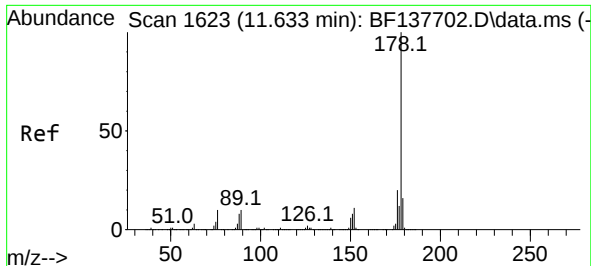
Ion Ratio Lower Upper

266 100

268 63.2 50.4 75.6

264 64.4 51.4 77.0

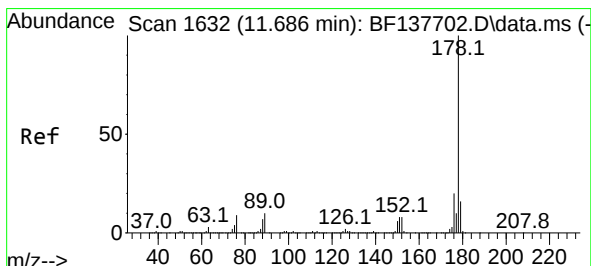
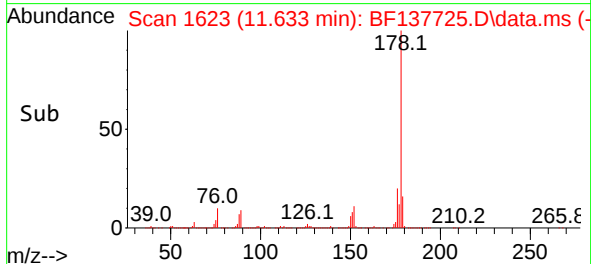
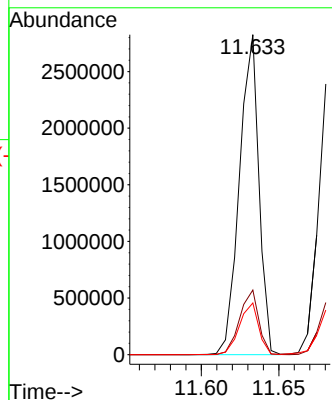
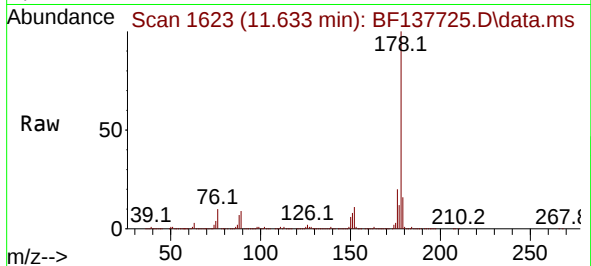




#71
Phenanthrene
Concen: 56.258 ng
RT: 11.633 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

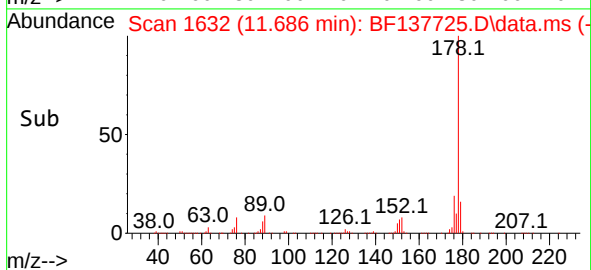
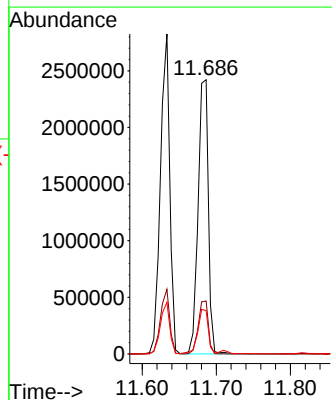
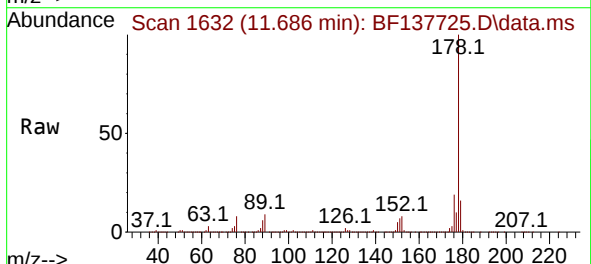
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

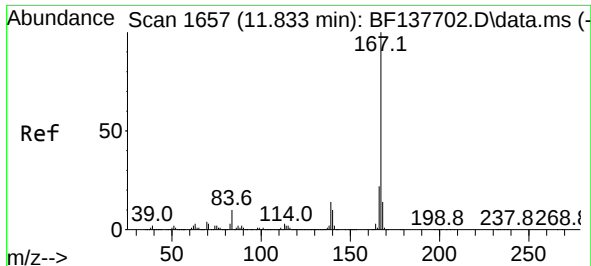
Tgt Ion:178 Resp: 2469747
Ion Ratio Lower Upper
178 100
176 20.2 16.4 24.6
179 16.1 12.8 19.2



#72
Anthracene
Concen: 51.592 ng
RT: 11.686 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:178 Resp: 2319237
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.8 13.0 19.6

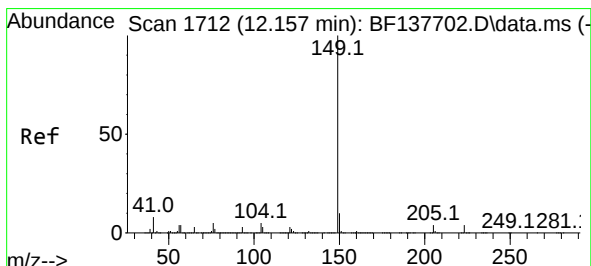
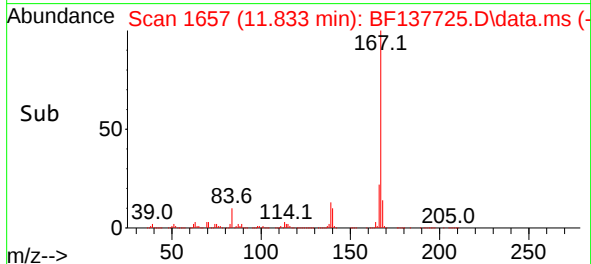
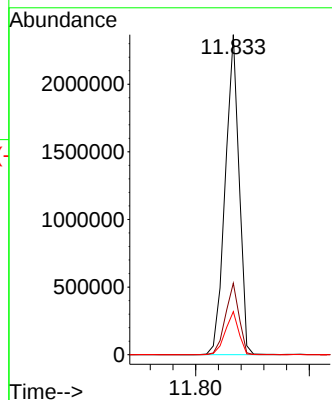
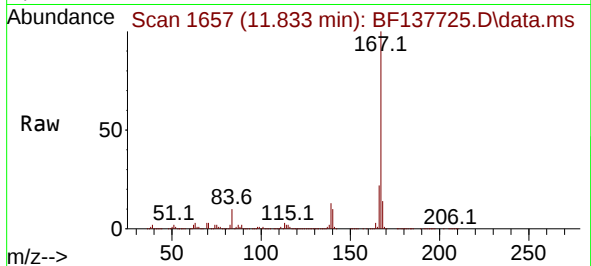




#73
 Carbazole
 Concen: 49.320 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: BF137725.D
 Acq: 24 Apr 2024 18:51

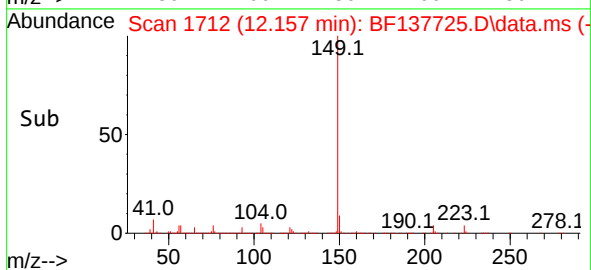
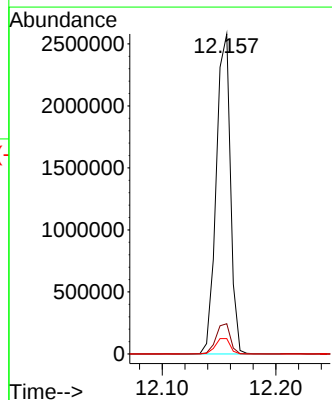
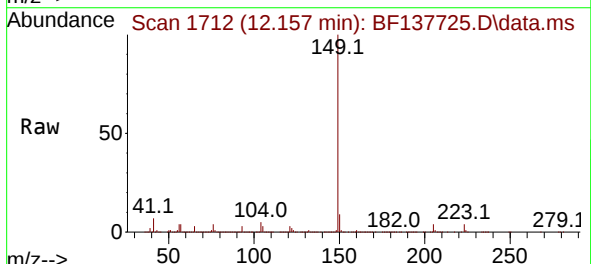
Instrument :
 BNA_F
 ClientSampleId :
 YARD-3MS

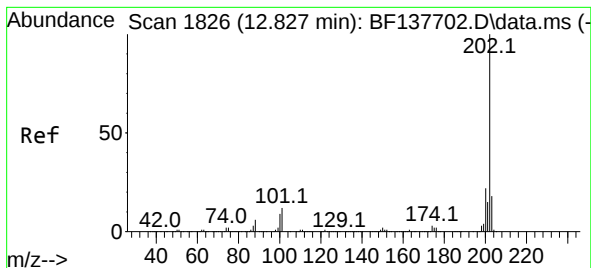
Tgt Ion:167 Resp: 2009265
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.5 26.3
 139 13.4 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 45.133 ng
 RT: 12.157 min Scan# 1712
 Delta R.T. -0.000 min
 Lab File: BF137725.D
 Acq: 24 Apr 2024 18:51

Tgt Ion:149 Resp: 2241429
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 4.8 4.2 6.4





#75

Fluoranthene

Concen: 52.262 ng

RT: 12.821 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

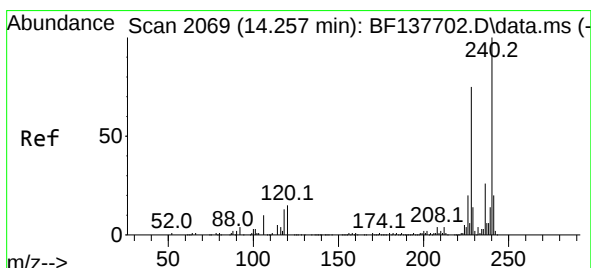
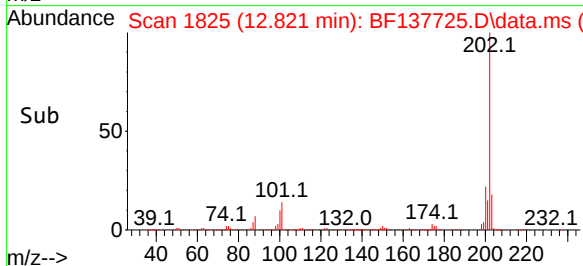
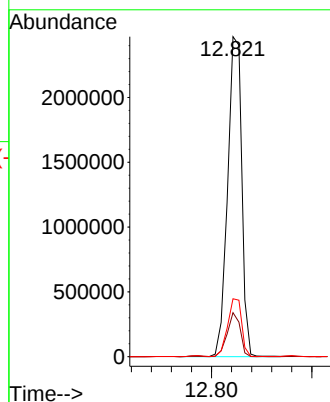
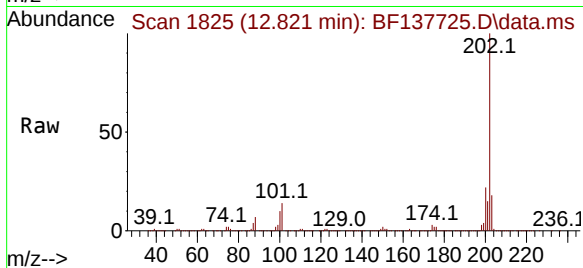
Tgt Ion:202 Resp: 2411539

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.2

203 18.1 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.257 min Scan# 2069

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

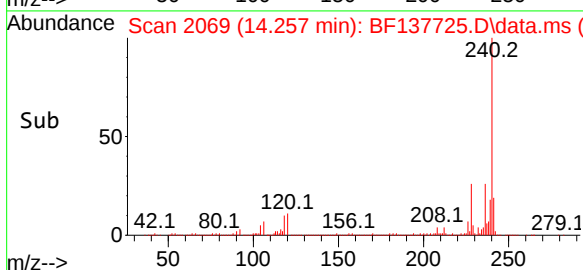
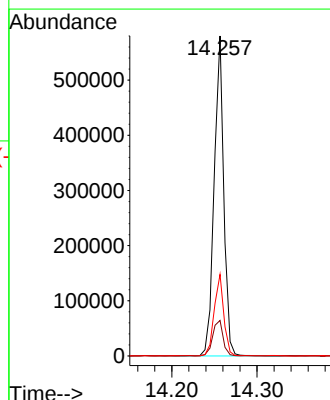
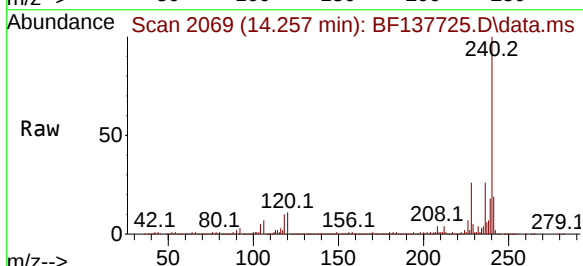
Tgt Ion:240 Resp: 454765

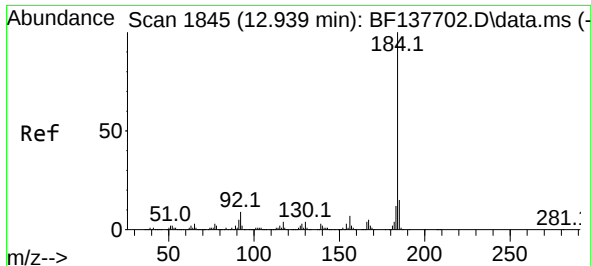
Ion Ratio Lower Upper

240 100

120 11.1 11.9 17.9#

236 25.5 20.8 31.2

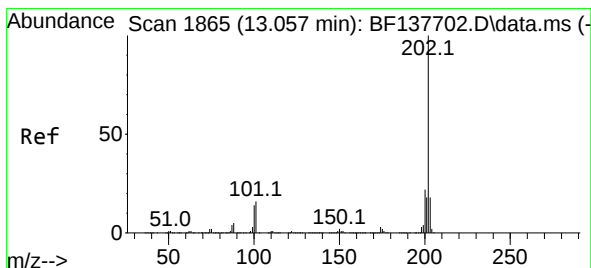
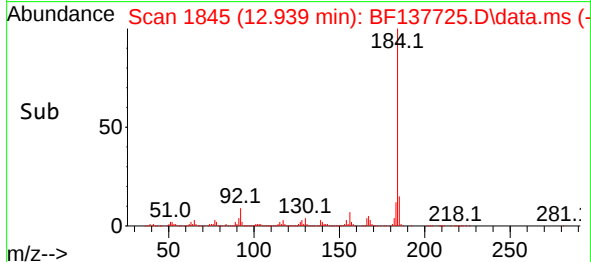
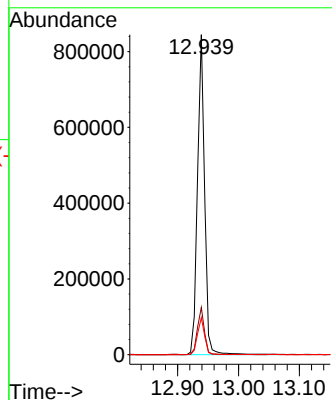
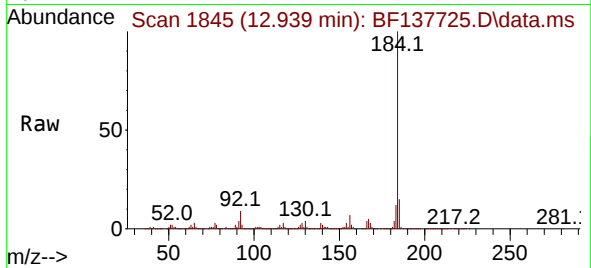




#77
Benzidine
Concen: 64.728 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

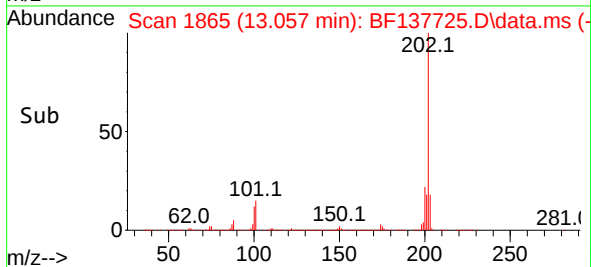
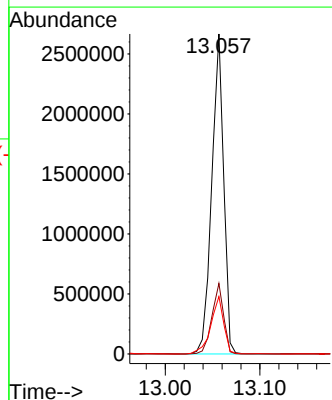
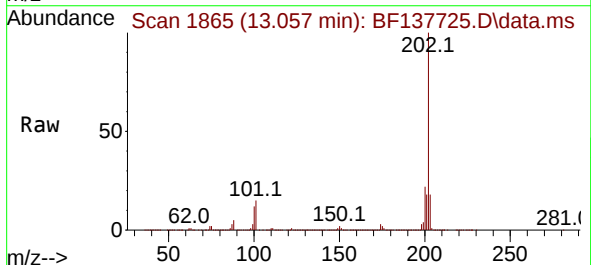
Instrument :
BNA_F
ClientSampleId :
YARD-3MS

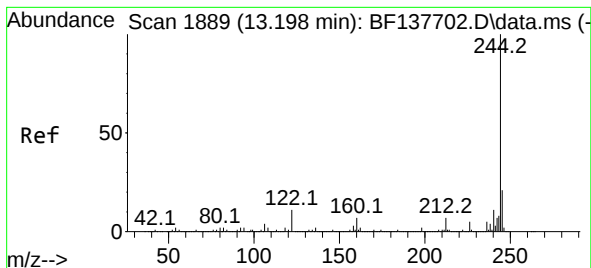
Tgt Ion:184 Resp: 687526
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.4
183 11.5 9.4 14.0



#78
Pyrene
Concen: 62.321 ng
RT: 13.057 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:202 Resp: 2326219
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.6
203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 65.096 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.012 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

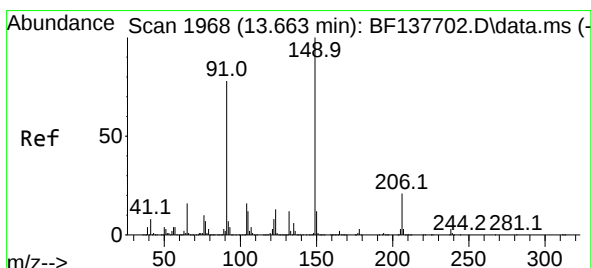
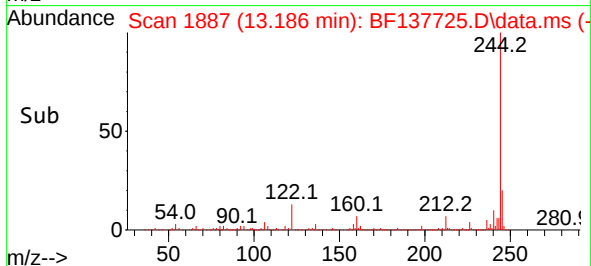
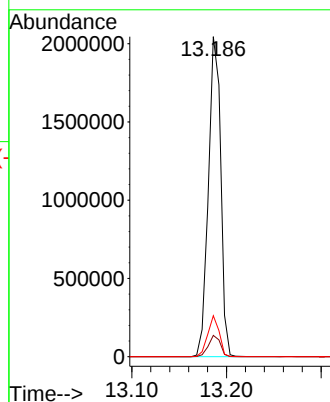
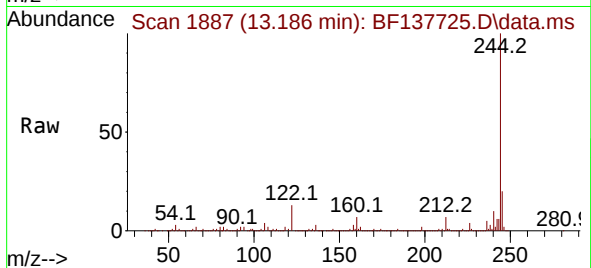
Tgt Ion:244 Resp: 1839229

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 12.8 8.8 13.2



#80

Butylbenzylphthalate

Concen: 56.585 ng

RT: 13.662 min Scan# 1968

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

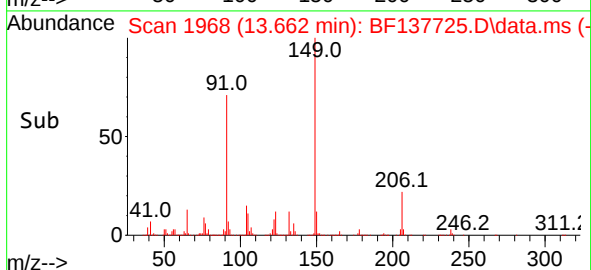
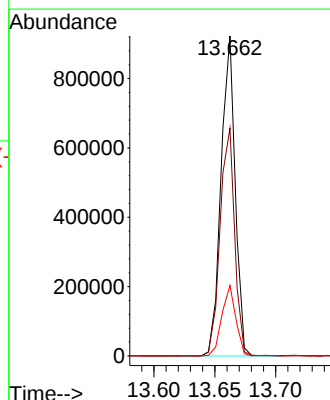
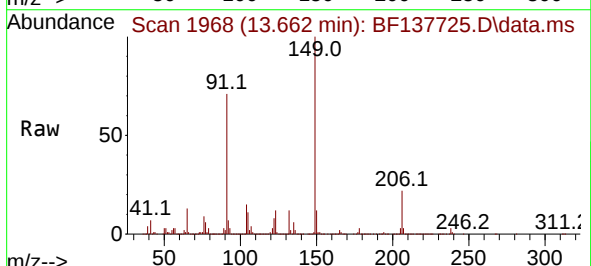
Tgt Ion:149 Resp: 749015

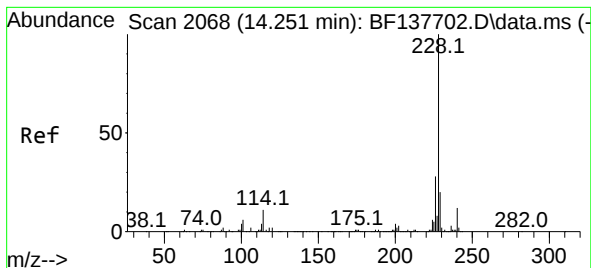
Ion Ratio Lower Upper

149 100

91 71.2 62.6 93.8

206 22.0 16.5 24.7





#81

Benzo(a)anthracene

Concen: 51.692 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

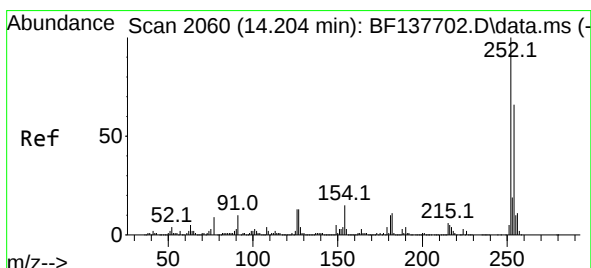
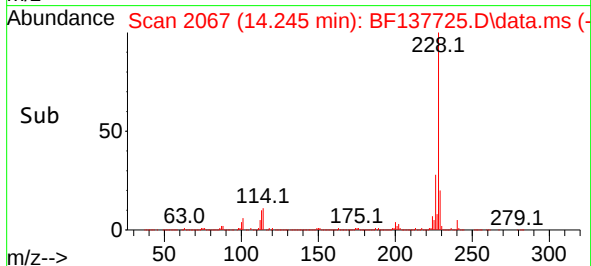
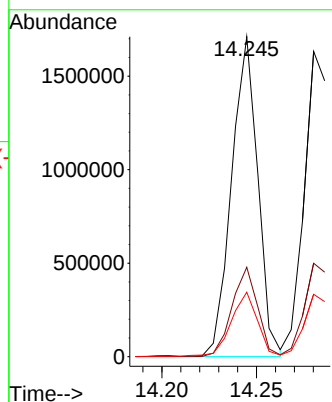
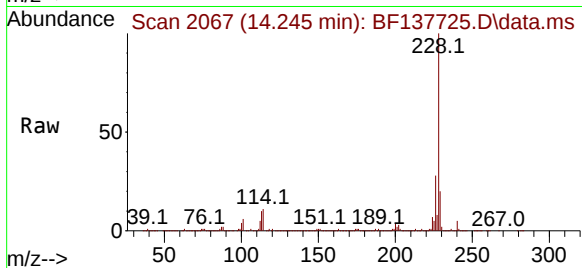
Tgt Ion:228 Resp: 1639627

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

229 20.2 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 30.863 ng

RT: 14.204 min Scan# 2060

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

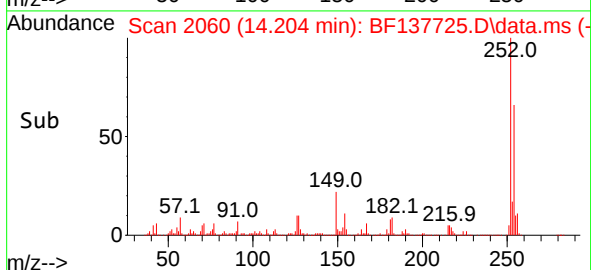
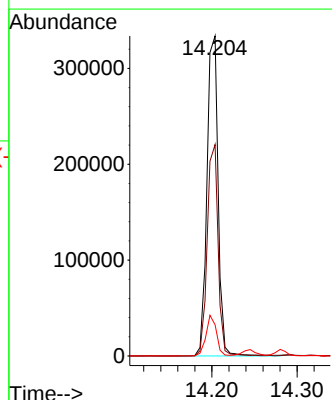
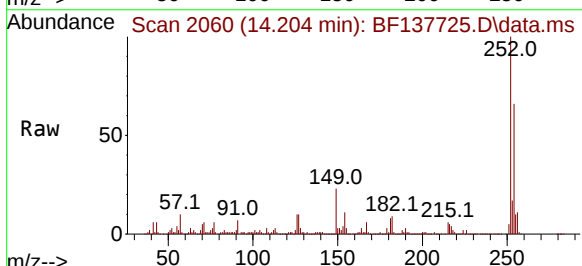
Tgt Ion:252 Resp: 302890

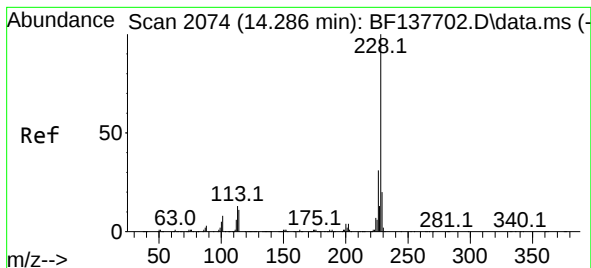
Ion Ratio Lower Upper

252 100

254 66.1 52.6 79.0

126 9.8 10.8 16.2#





#83

Chrysene

Concen: 50.927 ng

RT: 14.280 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

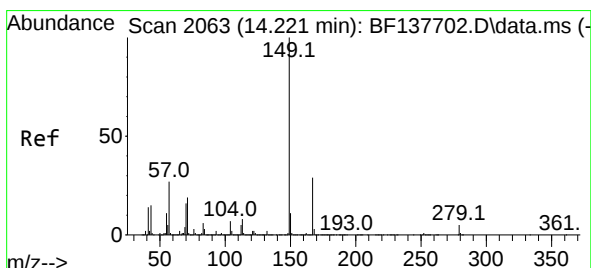
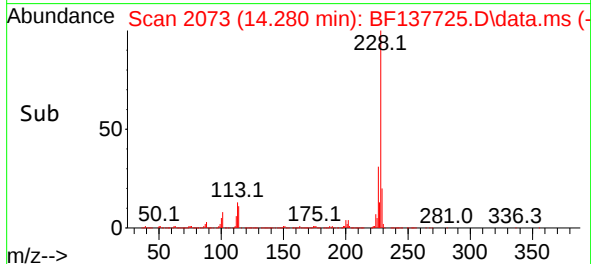
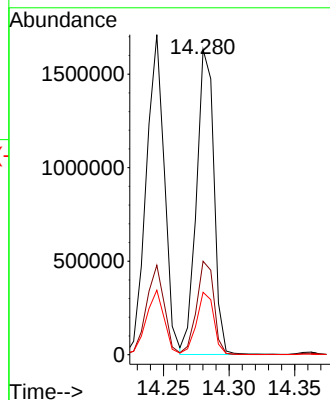
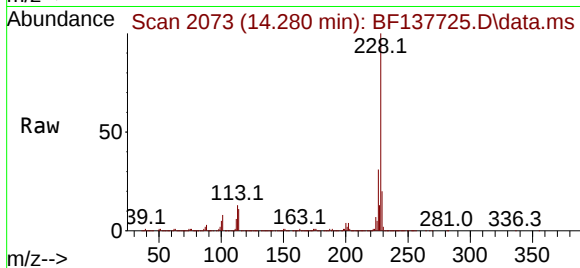
Tgt Ion:228 Resp: 1509332

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

229 20.4 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.996 ng

RT: 14.215 min Scan# 2062

Delta R.T. -0.006 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

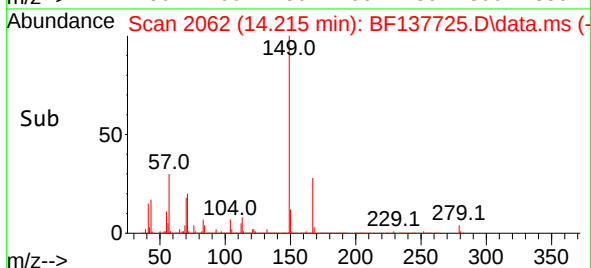
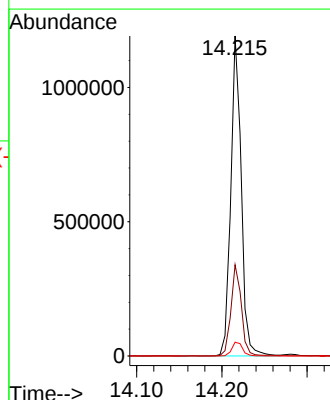
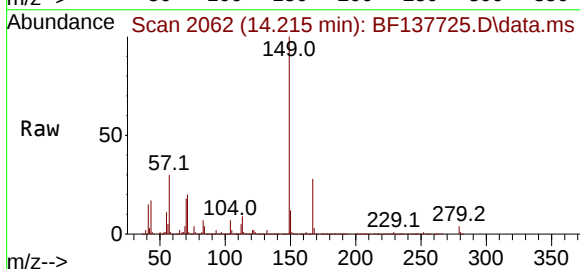
Tgt Ion:149 Resp: 1019434

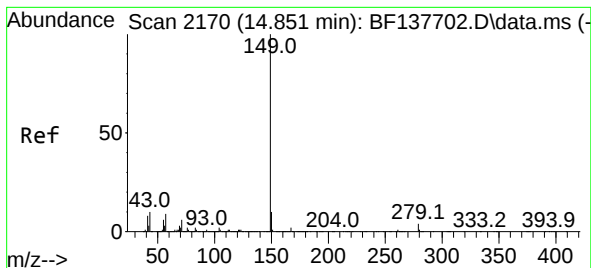
Ion Ratio Lower Upper

149 100

167 28.5 23.4 35.0

279 4.3 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 50.498 ng

RT: 14.851 min Scan# 2170

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

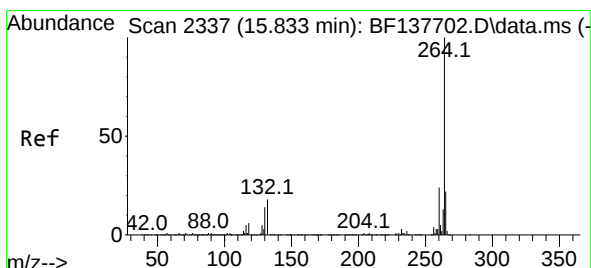
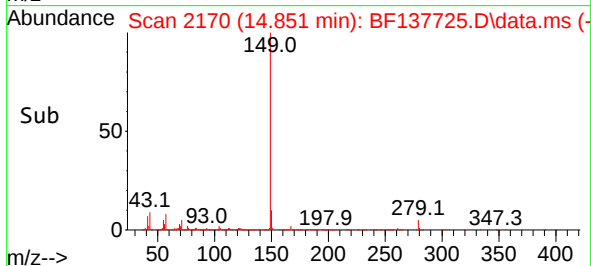
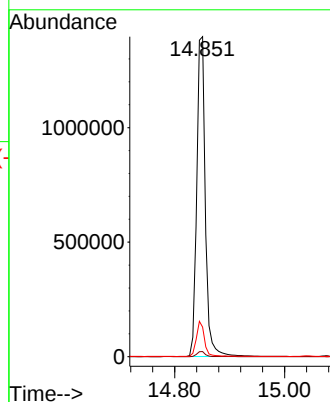
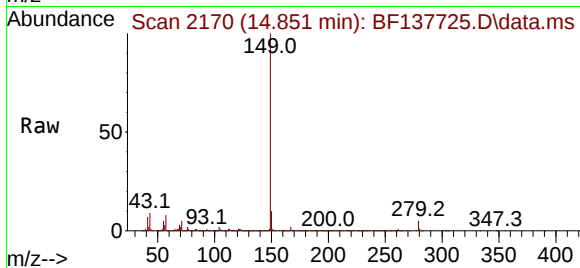
Tgt Ion:149 Resp: 1516350

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 2336

Delta R.T. -0.006 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

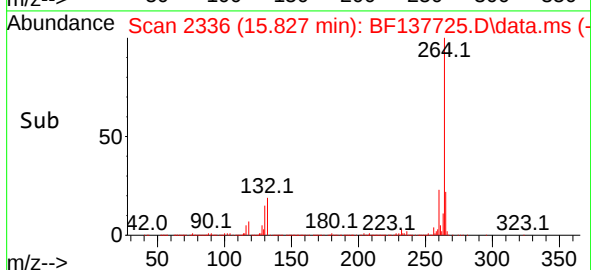
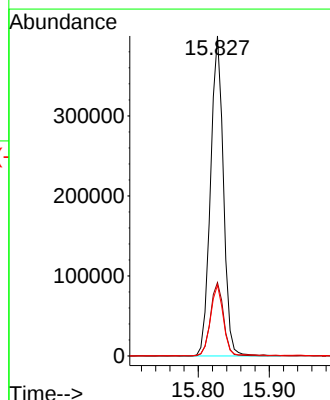
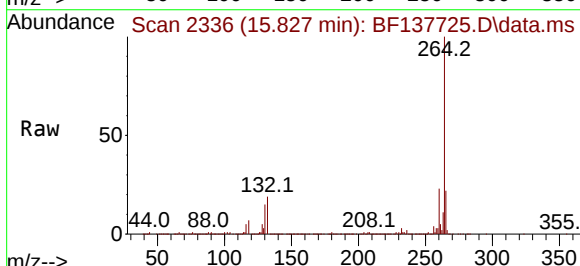
Tgt Ion:264 Resp: 504816

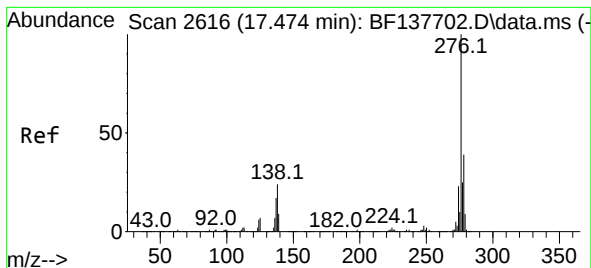
Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 22.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.845 ng

RT: 17.474 min Scan# 2

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

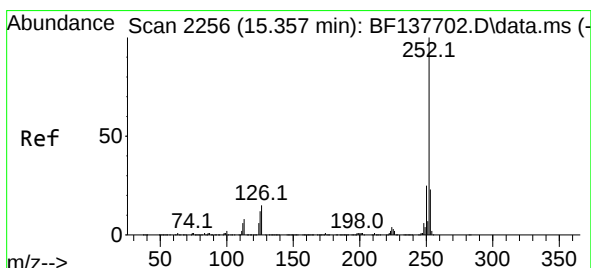
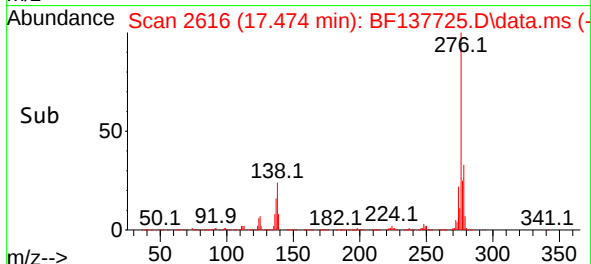
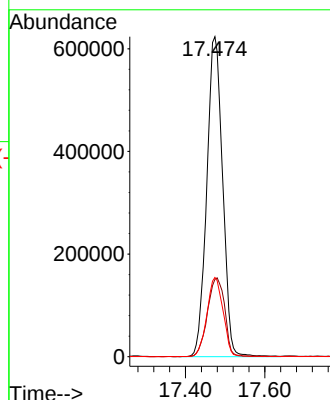
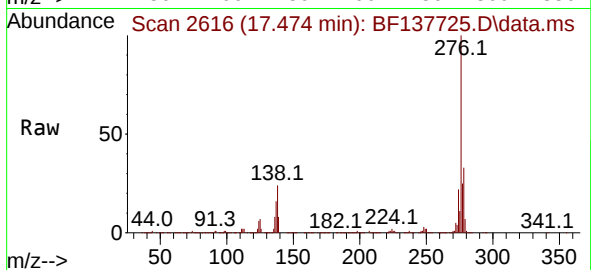
Tgt Ion:276 Resp: 1731097

Ion Ratio Lower Upper

276 100

138 26.9 22.3 33.5

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.467 ng

RT: 15.357 min Scan# 2256

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

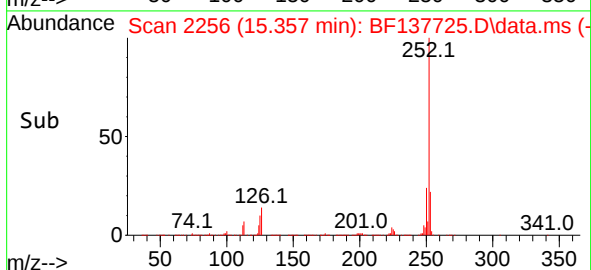
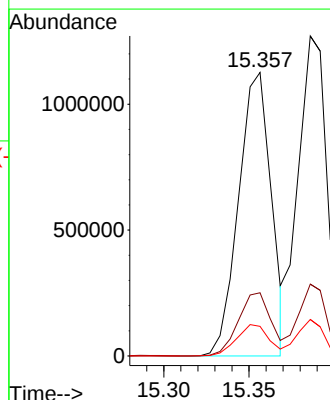
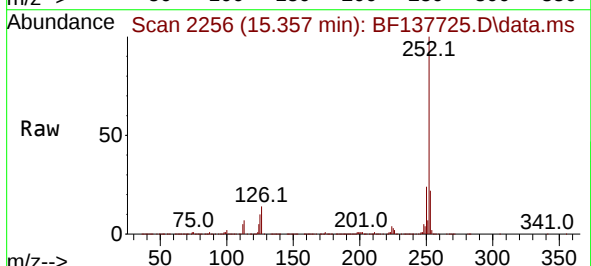
Tgt Ion:252 Resp: 1501048

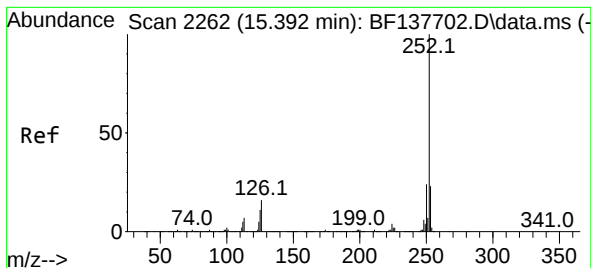
Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 10.5 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 46.863 ng

RT: 15.386 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

Instrument :

BNA_F

ClientSampleId :

YARD-3MS

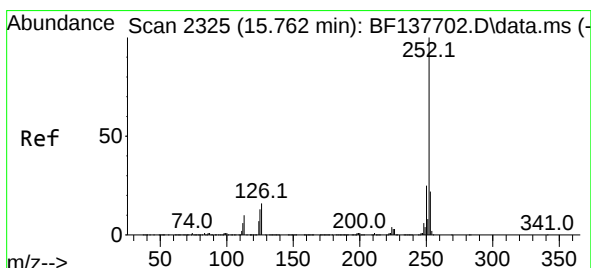
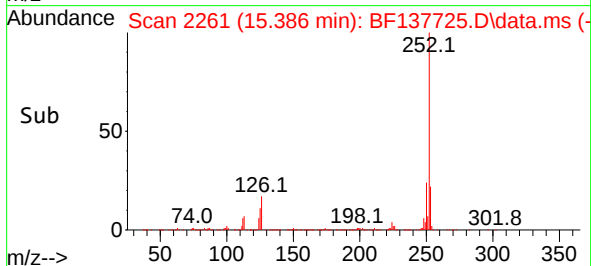
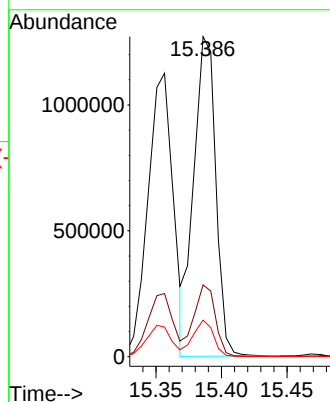
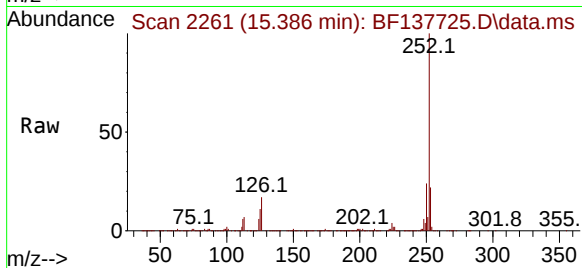
Tgt Ion:252 Resp: 1488111

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 11.4 9.0 13.6



#90

Benzo(a)pyrene

Concen: 49.537 ng

RT: 15.762 min Scan# 2325

Delta R.T. -0.000 min

Lab File: BF137725.D

Acq: 24 Apr 2024 18:51

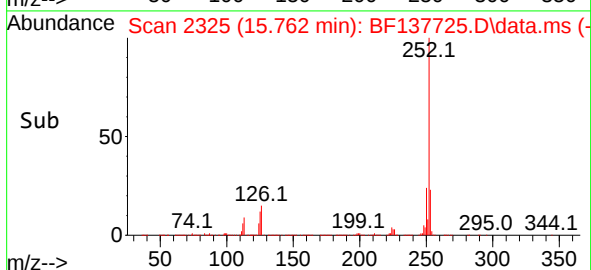
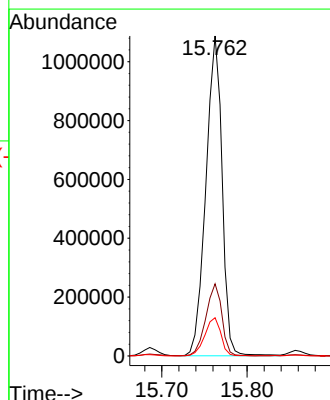
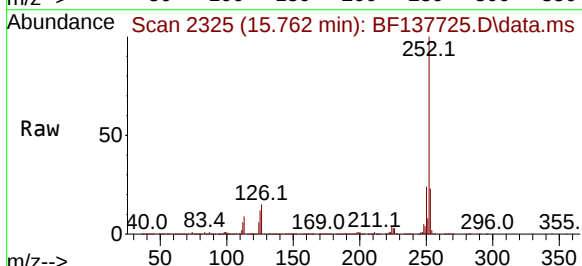
Tgt Ion:252 Resp: 1435522

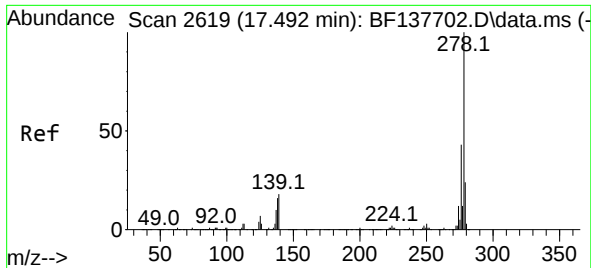
Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 12.0 10.2 15.2

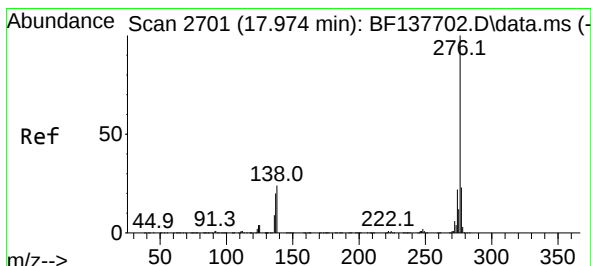
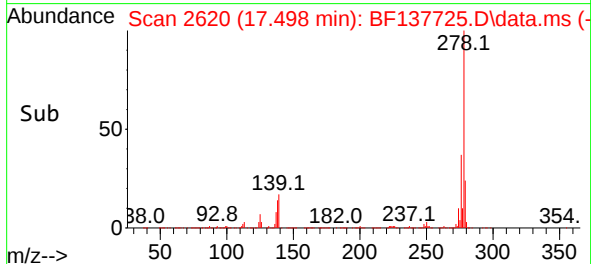
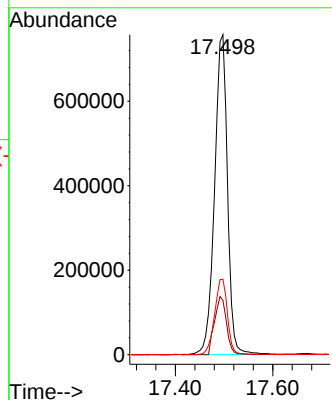
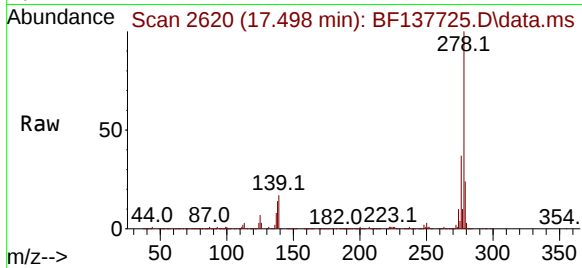




#91
Dibenzo(a,h)anthracene
Concen: 59.837 ng
RT: 17.498 min Scan# 2619
Delta R.T. 0.006 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Instrument :
BNA_F
ClientSampleId :
YARD-3MS

Tgt Ion:278 Resp: 1389906
Ion Ratio Lower Upper
278 100
139 17.0 14.7 22.1
279 23.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 56.448 ng
RT: 17.974 min Scan# 2701
Delta R.T. -0.000 min
Lab File: BF137725.D
Acq: 24 Apr 2024 18:51

Tgt Ion:276 Resp: 1275008
Ion Ratio Lower Upper
276 100
277 22.9 18.5 27.7
138 24.2 19.5 29.3

