

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137864.D
 Acq On : 09 May 2024 15:14
 Operator : CG\JU
 Sample : PB160815BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160815BSD

Quant Time: May 09 15:52:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	199488	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	811098	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	451590	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	763548	20.000	ng	0.00
76) Chrysene-d12	14.251	240	453800	20.000	ng	# 0.00
86) Perylene-d12	15.815	264	374442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1446420	121.397	ng	0.02
7) Phenol-d6	6.675	99	1813318	119.986	ng	0.00
23) Nitrobenzene-d5	7.622	82	1156820	82.862	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	613379	133.030	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2396308	86.089	ng	0.00
79) Terphenyl-d14	13.186	244	2609698	96.375	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.087	88	173247	32.290	ng	97
3) Pyridine	3.816	79	444001	34.192	ng	97
4) n-Nitrosodimethylamine	3.787	42	229407	39.232	ng	92
6) Aniline	6.716	93	503945	33.643	ng	98
8) 2-Chlorophenol	6.840	128	609288	46.924	ng	97
9) Benzaldehyde	6.610	77	567739	69.759	ng	100
10) Phenol	6.687	94	666899	43.066	ng	97
11) bis(2-Chloroethyl)ether	6.787	93	535532	44.166	ng	97
12) 1,3-Dichlorobenzene	6.992	146	613876	41.925	ng	99
13) 1,4-Dichlorobenzene	7.069	146	620185	42.212	ng	99
14) 1,2-Dichlorobenzene	7.222	146	608573	43.978	ng	99
15) Benzyl Alcohol	7.192	79	496730	47.529	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.316	45	692321	40.621	ng	96
17) 2-Methylphenol	7.292	107	481500	45.956	ng	99
18) Hexachloroethane	7.563	117	220940	44.483	ng	96
19) n-Nitroso-di-n-propyla...	7.463	70	401316	44.435	ng	96
20) 3+4-Methylphenols	7.445	107	613126	44.480	ng	# 89
22) Acetophenone	7.463	105	801958	43.962	ng	98
24) Nitrobenzene	7.639	77	599412	41.658	ng	95
25) Isophorone	7.869	82	1134720	45.080	ng	100
26) 2-Nitrophenol	7.951	139	334433	51.326	ng	95
27) 2,4-Dimethylphenol	7.975	122	450229	47.996	ng	94
28) bis(2-Chloroethoxy)met...	8.075	93	681339	44.706	ng	100
29) 2,4-Dichlorophenol	8.187	162	525710	46.366	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	548004	44.336	ng	98
31) Naphthalene	8.363	128	1736588	43.083	ng	99
32) Benzoic acid	8.110	122	405011	50.047	ng	95
33) 4-Chloroaniline	8.398	127	233266	15.606	ng	99
34) Hexachlorobutadiene	8.469	225	338973	44.668	ng	99
35) Caprolactam	8.786	113	96100	26.751	ng	90
36) 4-Chloro-3-methylphenol	8.881	107	544435	46.045	ng	95
37) 2-Methylnaphthalene	9.051	142	1171884	44.914	ng	100
38) 1-Methylnaphthalene	9.151	142	1084270	42.239	ng	98
40) 1,2,4,5-Tetrachloroben...	9.216	216	556285	46.510	ng	99
41) Hexachlorocyclopentadiene	9.204	237	632966	130.290	ng	100
43) 2,4,6-Trichlorophenol	9.328	196	398320	48.924	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137864.D
 Acq On : 09 May 2024 15:14
 Operator : CG\JU
 Sample : PB160815BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160815BSD

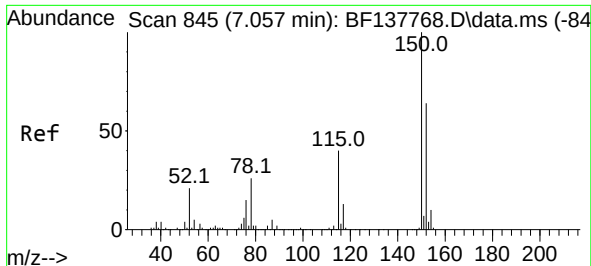
Quant Time: May 09 15:52:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	407201	45.295	ng	98
46) 1,1'-Biphenyl	9.516	154	1439356	46.443	ng	99
47) 2-Chloronaphthalene	9.545	162	1113245	44.492	ng	98
48) 2-Nitroaniline	9.639	65	305156	44.969	ng	95
49) Acenaphthylene	9.969	152	1747505	48.280	ng	100
50) Dimethylphthalate	9.816	163	1349178	47.326	ng	100
51) 2,6-Dinitrotoluene	9.881	165	301303	46.247	ng	95
52) Acenaphthene	10.139	154	1175544	48.998	ng	98
53) 3-Nitroaniline	10.051	138	209374	30.688	ng	99
54) 2,4-Dinitrophenol	10.157	184	329203	102.836	ng	# 87
55) Dibenzofuran	10.310	168	1576191	45.146	ng	98
56) 4-Nitrophenol	10.210	139	454386	80.356	ng	97
57) 2,4-Dinitrotoluene	10.286	165	405561	47.649	ng	98
58) Fluorene	10.657	166	1226576	44.144	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	346950	47.537	ng	100
60) Diethylphthalate	10.516	149	1258176	46.469	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	618342	45.164	ng	95
62) 4-Nitroaniline	10.675	138	280473	40.529	ng	94
63) Azobenzene	10.804	77	1154673	44.124	ng	97
65) 4,6-Dinitro-2-methylph...	10.698	198	224465	51.218	ng	86
66) n-Nitrosodiphenylamine	10.763	169	1081966	47.339	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	388551	47.549	ng	96
68) Hexachlorobenzene	11.204	284	413928	46.352	ng	# 92
69) Atrazine	11.286	200	365781	52.487	ng	99
70) Pentachlorophenol	11.398	266	503162	82.071	ng	97
71) Phenanthrene	11.622	178	1683120	45.225	ng	100
72) Anthracene	11.675	178	1704782	46.038	ng	100
73) Carbazole	11.827	167	1515077	42.454	ng	100
74) Di-n-butylphthalate	12.145	149	1898371	48.764	ng	99
75) Fluoranthene	12.816	202	1708338	41.993	ng	100
77) Benzidine	12.927	184	215374	20.521	ng	99
78) Pyrene	13.051	202	1730650	48.099	ng	99
80) Butylbenzylphthalate	13.651	149	691599	60.581	ng	99
81) Benzo(a)anthracene	14.239	228	1378004	47.477	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	301204	34.665	ng	# 99
83) Chrysene	14.274	228	1282522	47.192	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	948971	65.958	ng	100
85) Di-n-octyl phthalate	14.833	149	1350722	69.758	ng	98
87) Indeno(1,2,3-cd)pyrene	17.456	276	1095188	51.446	ng	99
88) Benzo(b)fluoranthene	15.345	252	1126900	48.372	ng	100
89) Benzo(k)fluoranthene	15.380	252	1036541	46.033	ng	99
90) Benzo(a)pyrene	15.751	252	955528	50.275	ng	99
91) Dibenzo(a,h)anthracene	17.480	278	907598	52.378	ng	100
92) Benzo(g,h,i)perylene	17.962	276	835148	45.975	ng	97

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

Quant Time: May 09 15:52:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

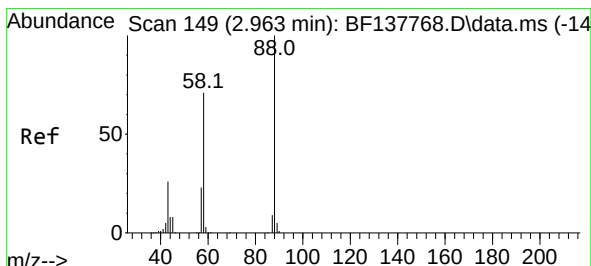
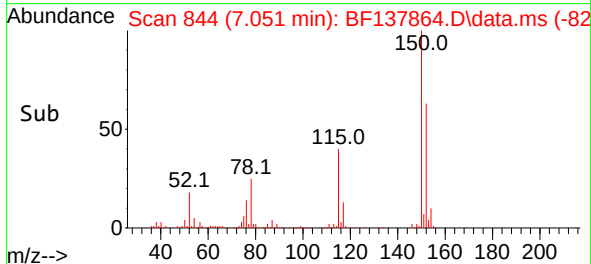
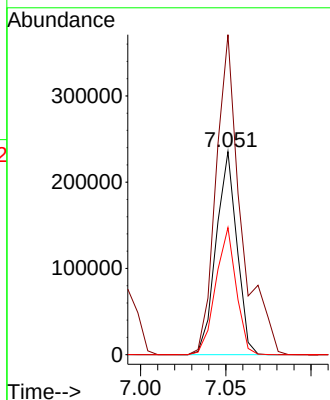
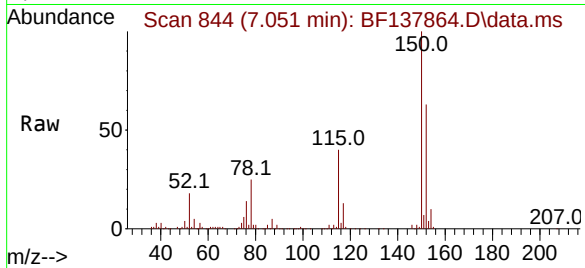




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.051 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BF137864.D
 Acq: 09 May 2024 15:14

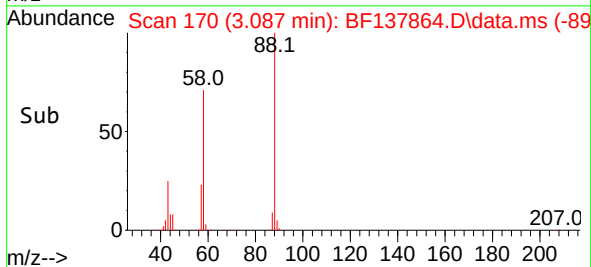
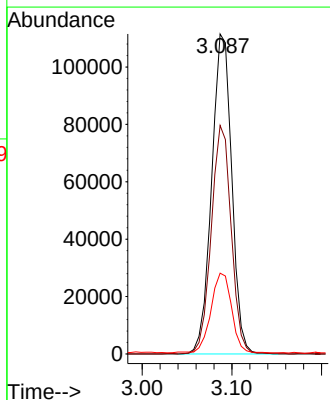
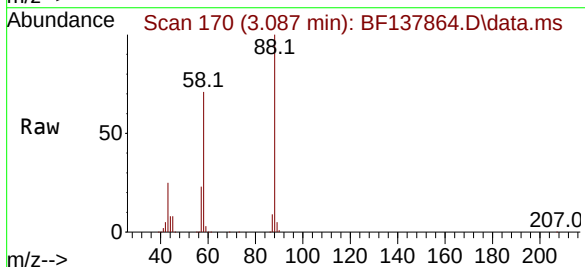
Instrument :
 BNA_F
 ClientSampleId :
 PB160815BSD

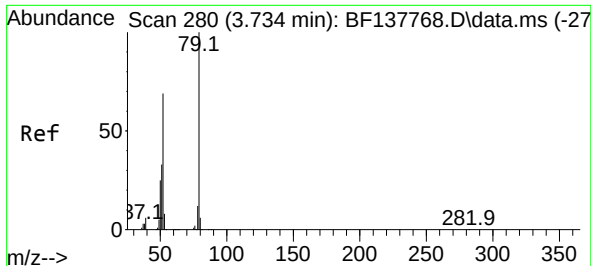
Tgt Ion:152 Resp: 199488
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.1 186.1
 115 62.6 49.1 73.7



#2
 1,4-Dioxane
 Concen: 32.290 ng
 RT: 3.087 min Scan# 170
 Delta R.T. 0.124 min
 Lab File: BF137864.D
 Acq: 09 May 2024 15:14

Tgt Ion: 88 Resp: 173247
 Ion Ratio Lower Upper
 88 100
 58 70.9 58.8 88.2
 43 25.6 21.4 32.0

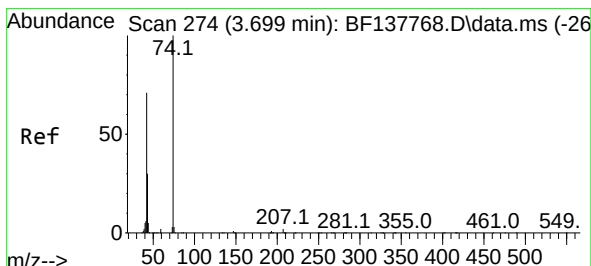
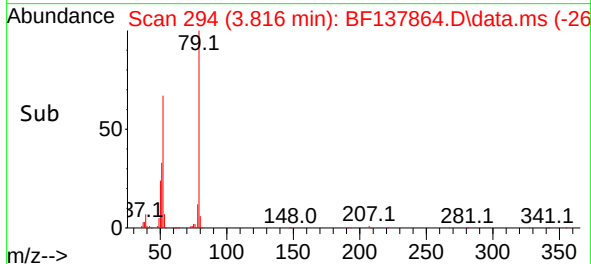
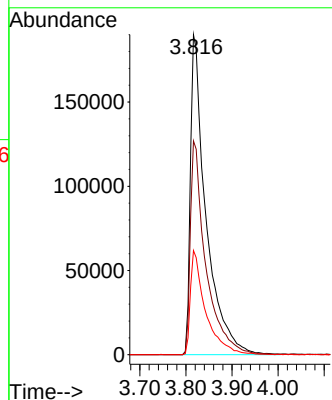
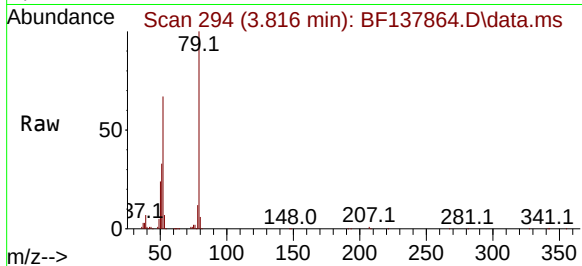




#3
 Pyridine
 Concen: 34.192 ng
 RT: 3.816 min Scan# 24
 Delta R.T. 0.082 min
 Lab File: BF137864.D
 Acq: 09 May 2024 15:14

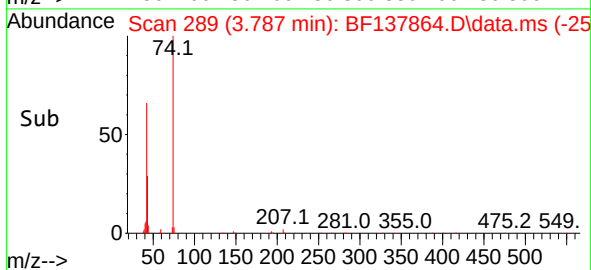
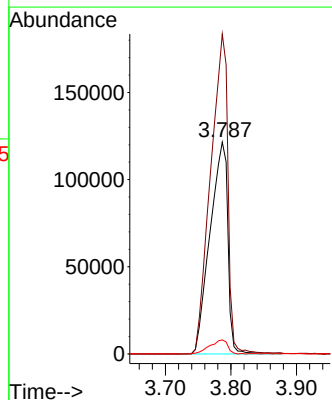
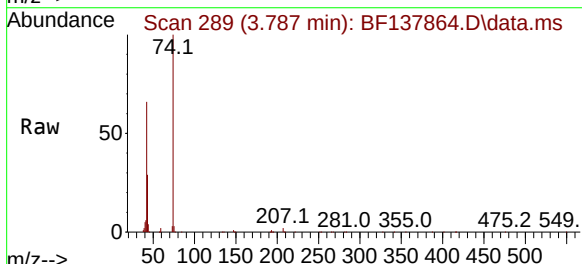
Instrument :
 BNA_F
 ClientSampleId :
 PB160815BSD

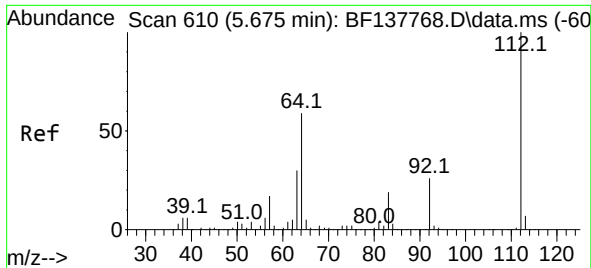
Tgt Ion: 79 Resp: 444001
 Ion Ratio Lower Upper
 79 100
 52 66.8 55.5 83.3
 51 32.5 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 39.232 ng
 RT: 3.787 min Scan# 289
 Delta R.T. 0.088 min
 Lab File: BF137864.D
 Acq: 09 May 2024 15:14

Tgt Ion: 42 Resp: 229407
 Ion Ratio Lower Upper
 42 100
 74 151.1 112.9 169.3
 44 6.6 5.6 8.4

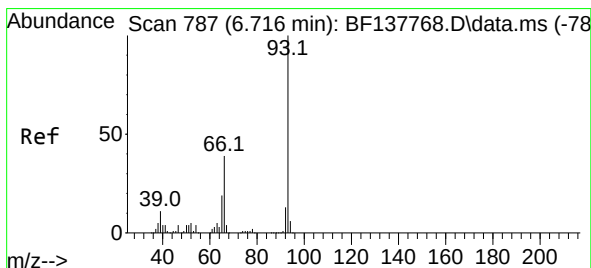
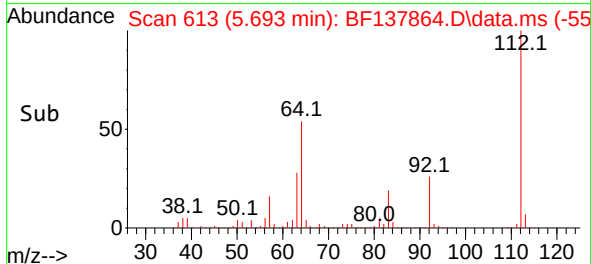
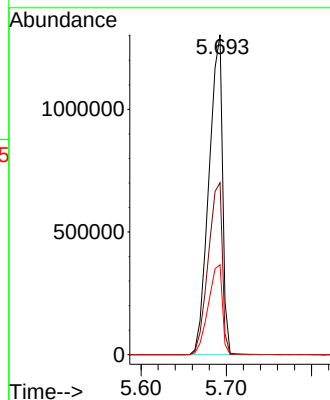
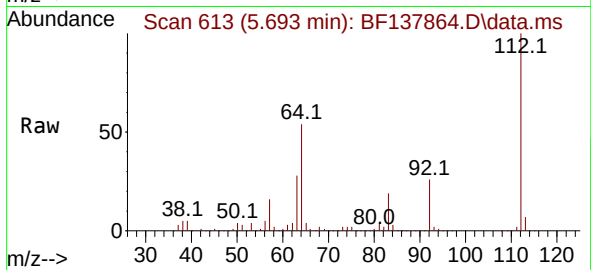




#5
2-Fluorophenol
Concen: 121.397 ng
RT: 5.693 min Scan# 610
Delta R.T. 0.018 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

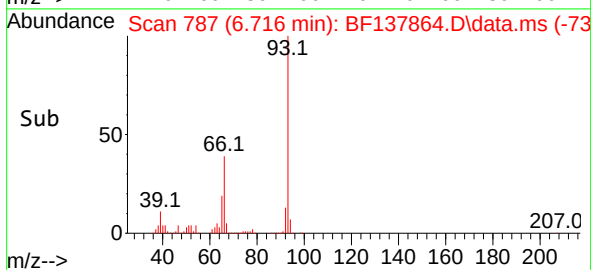
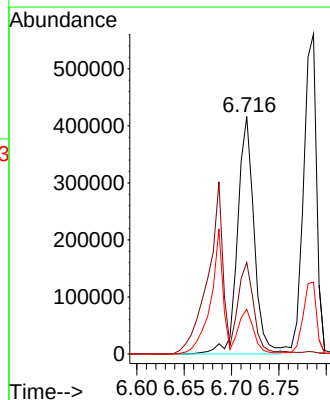
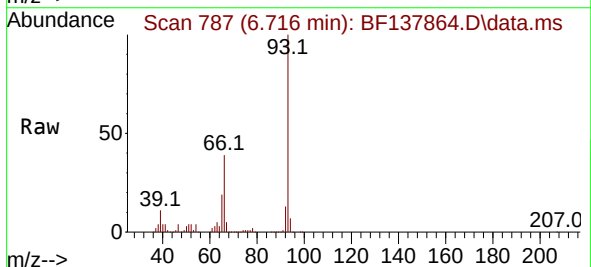
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

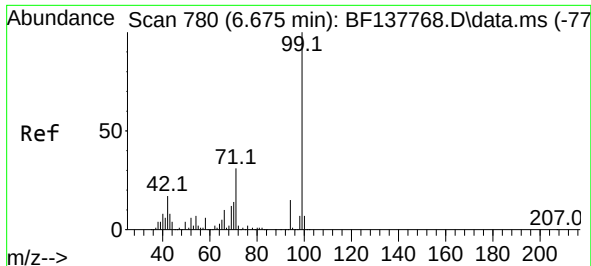
Tgt Ion:112 Resp: 1446420
Ion Ratio Lower Upper
112 100
64 53.8 47.3 70.9
63 28.1 23.7 35.5



#6
Aniline
Concen: 33.643 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion: 93 Resp: 503945
Ion Ratio Lower Upper
93 100
66 38.5 31.8 47.6
65 18.8 15.4 23.2



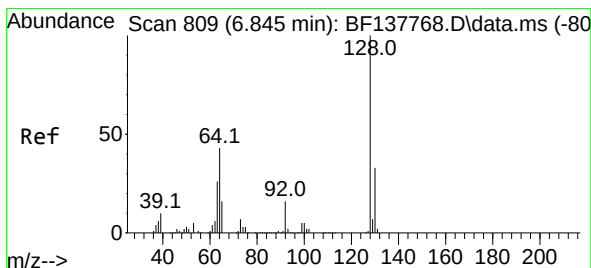
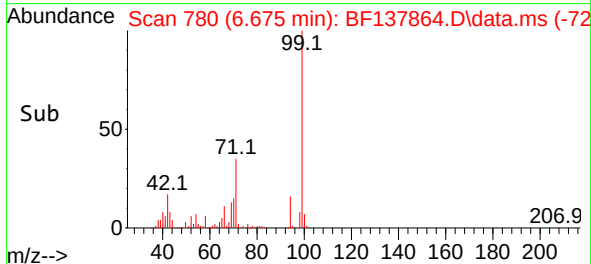
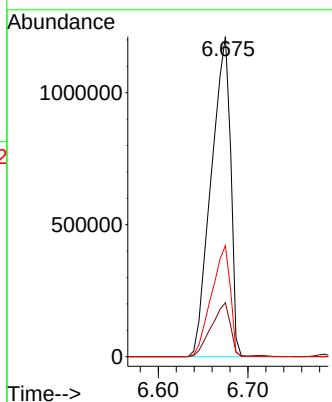
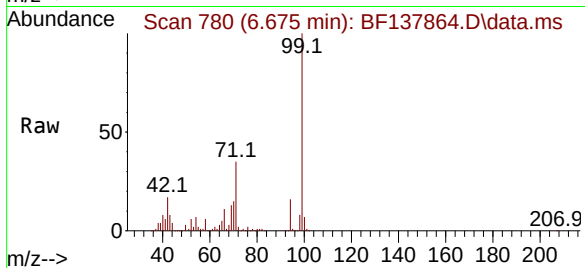


#7
Phenol-d6
Concen: 119.986 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Instrument :
BNA_F
ClientSampleId :
PB160815BSD

Tgt Ion: 99 Resp: 1813318

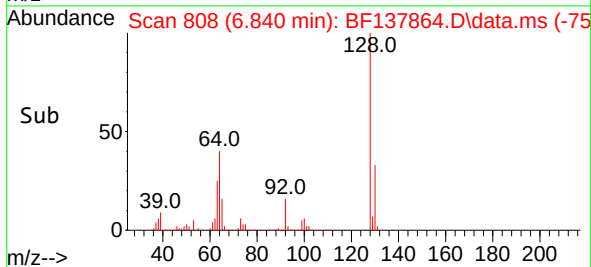
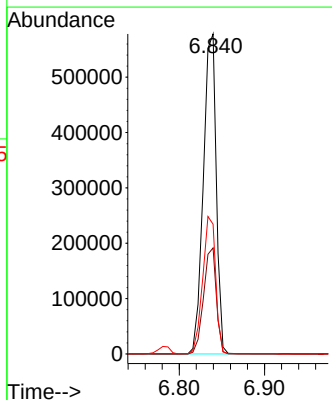
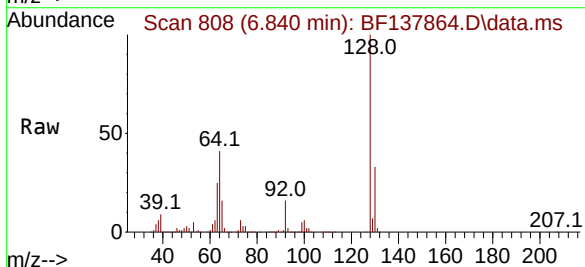
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.2	19.8
71	34.7	25.0	37.4

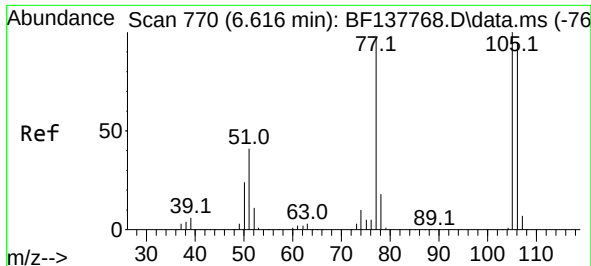


#8
2-Chlorophenol
Concen: 46.924 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion: 128 Resp: 609288

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.5	52.5
64	40.6	23.9	63.9

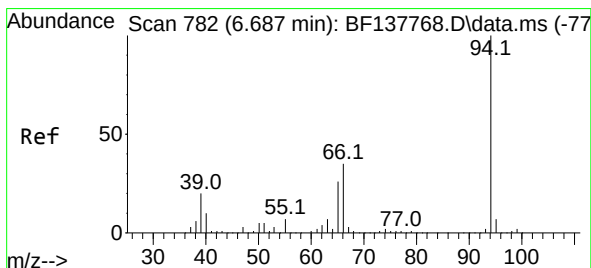
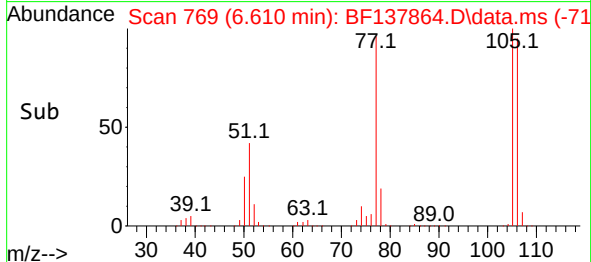
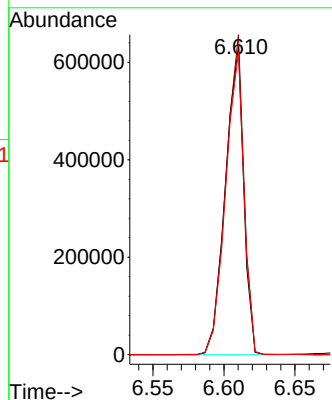
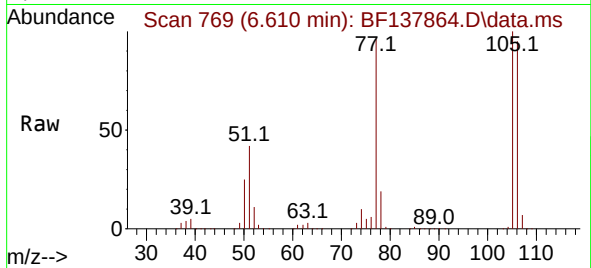




#9
Benzaldehyde
Concen: 69.759 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

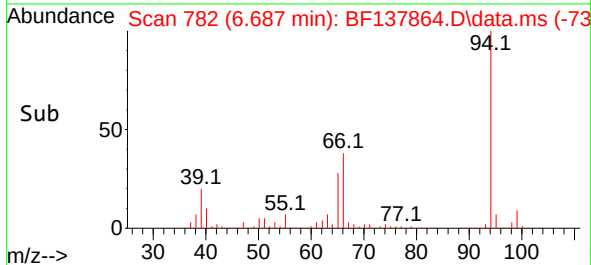
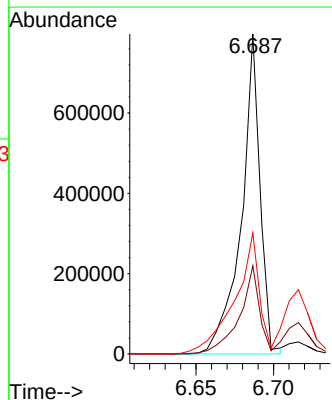
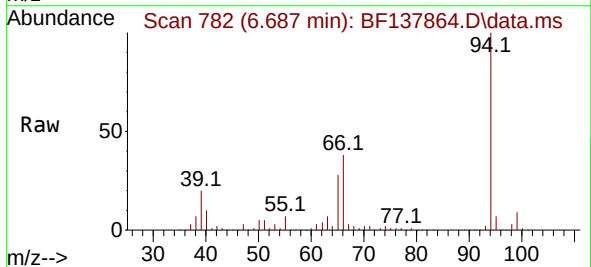
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

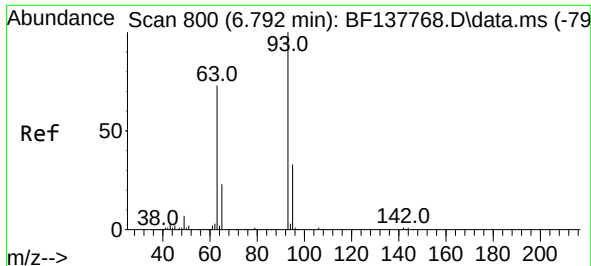
Tgt Ion: 77 Resp: 567739
Ion Ratio Lower Upper
77 100
105 103.7 83.2 123.2
106 98.1 77.7 117.7



#10
Phenol
Concen: 43.066 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion: 94 Resp: 666899
Ion Ratio Lower Upper
94 100
65 27.5 6.4 46.4
66 37.9 15.4 55.4

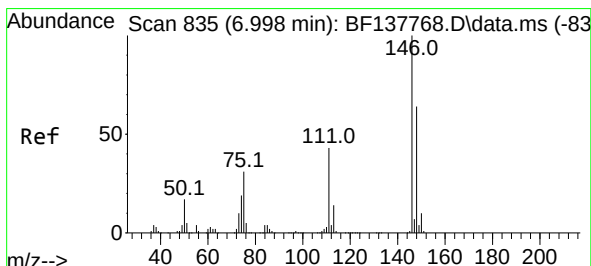
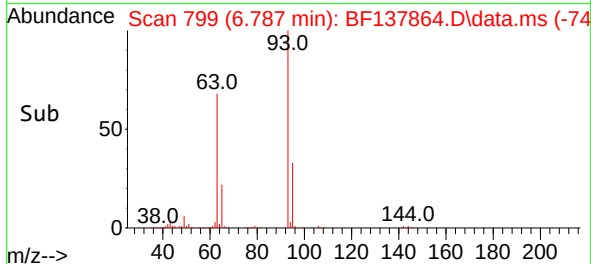
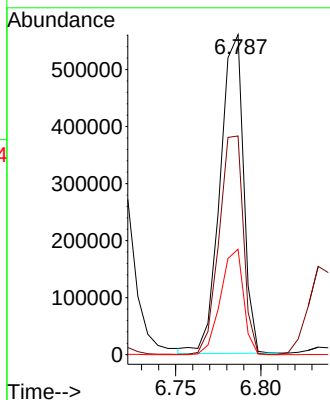
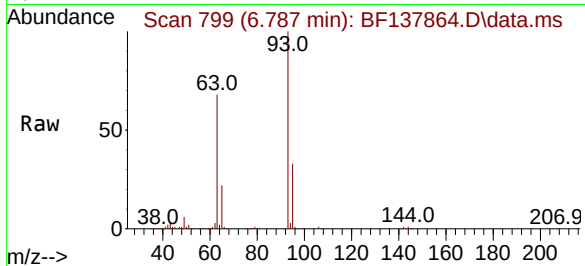




#11
bis(2-Chloroethyl)ether
Concen: 44.166 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

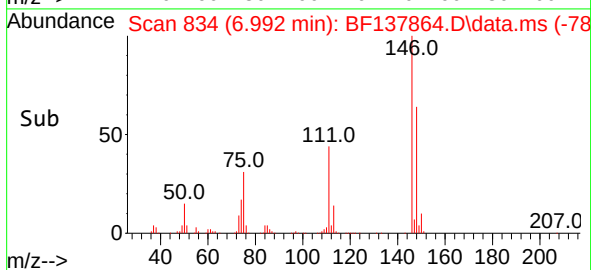
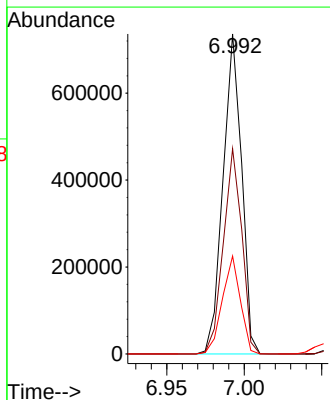
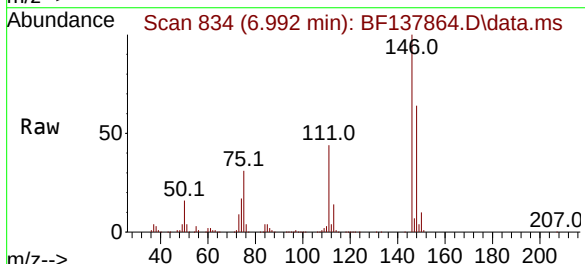
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

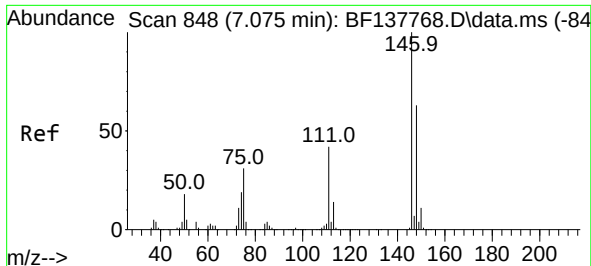
Tgt Ion: 93 Resp: 535532
Ion Ratio Lower Upper
93 100
63 68.4 51.6 91.6
95 32.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.925 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:146 Resp: 613876
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 30.6 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 42.212 ng

RT: 7.069 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF137864.D

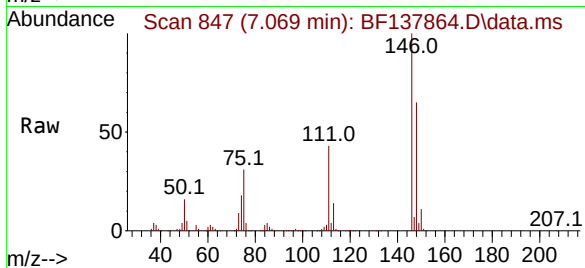
Acq: 09 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

PB160815BSD



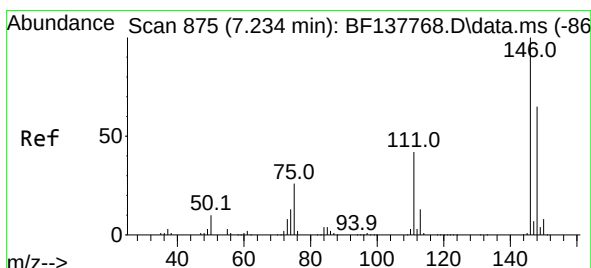
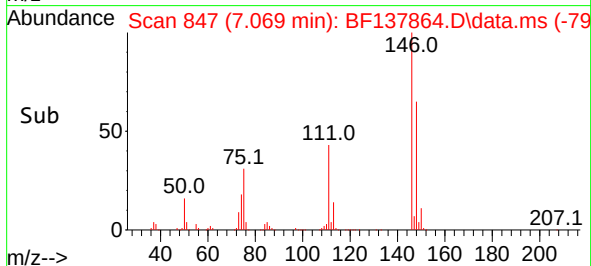
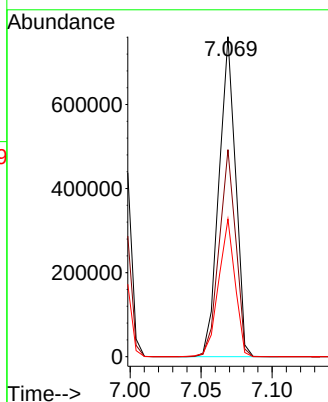
Tgt Ion:146 Resp: 620185

Ion Ratio Lower Upper

146 100

148 64.7 50.7 76.1

111 43.0 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 43.978 ng

RT: 7.222 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

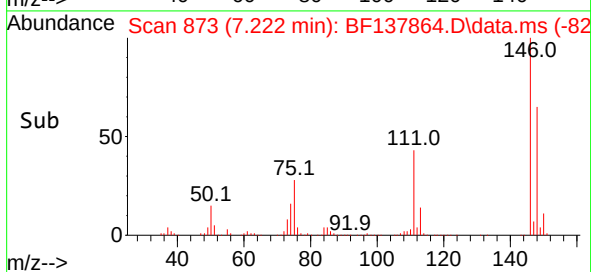
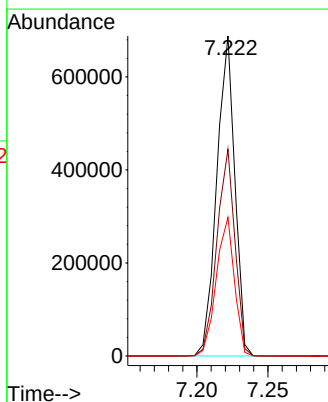
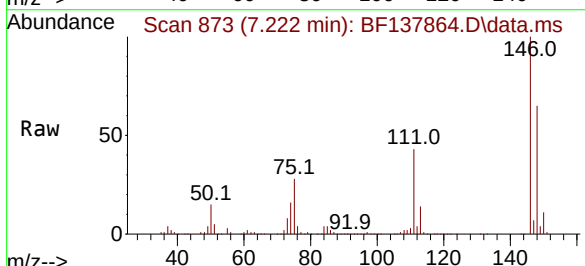
Tgt Ion:146 Resp: 608573

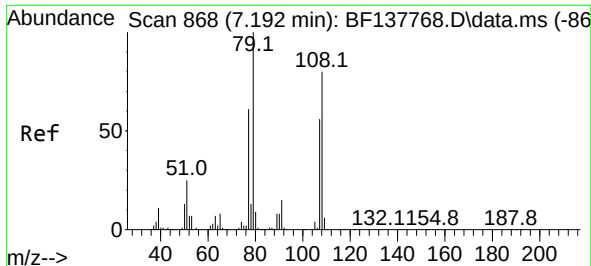
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

111 43.3 33.6 50.4

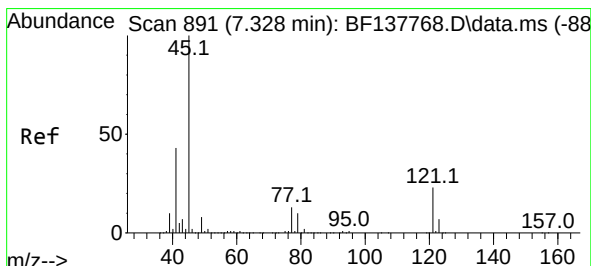
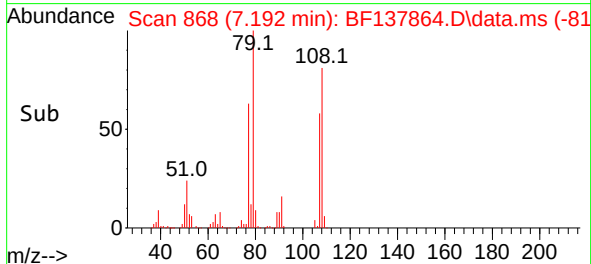
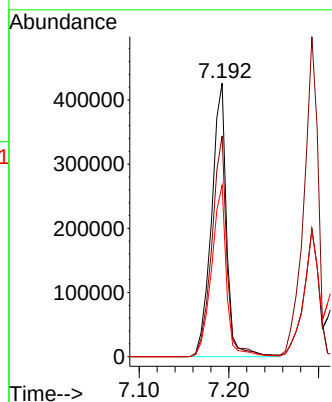
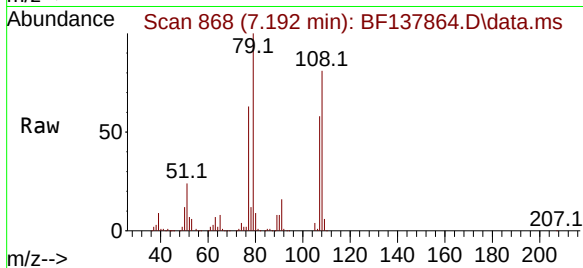




#15
Benzyl Alcohol
Concen: 47.529 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

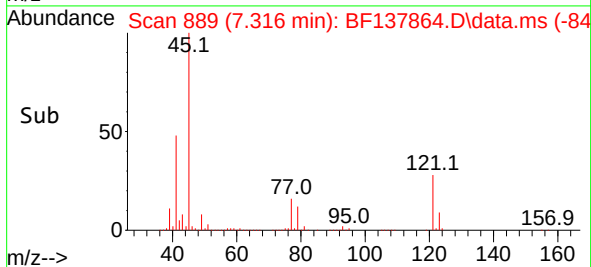
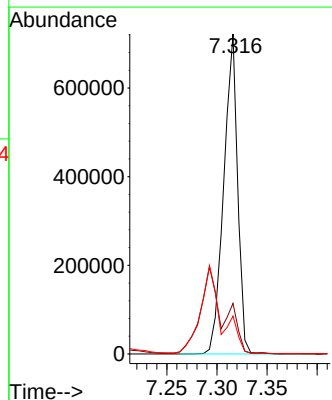
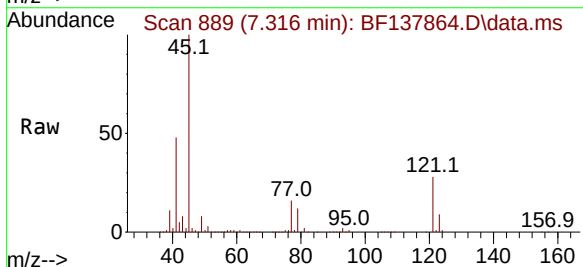
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

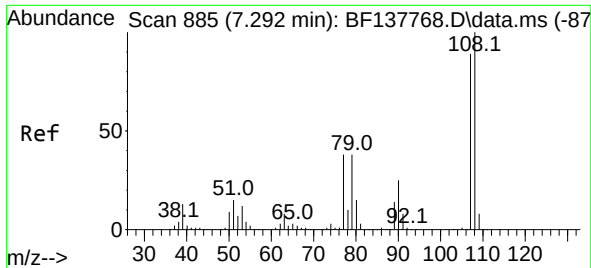
Tgt Ion: 79 Resp: 496730
Ion Ratio Lower Upper
79 100
108 80.8 64.2 96.2
77 62.8 48.5 72.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.621 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion: 45 Resp: 692321
Ion Ratio Lower Upper
45 100
77 15.8 0.0 33.8
79 11.8 0.0 31.0

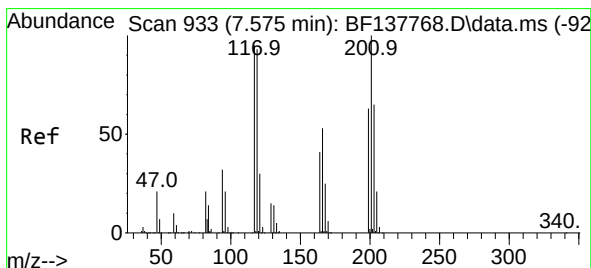
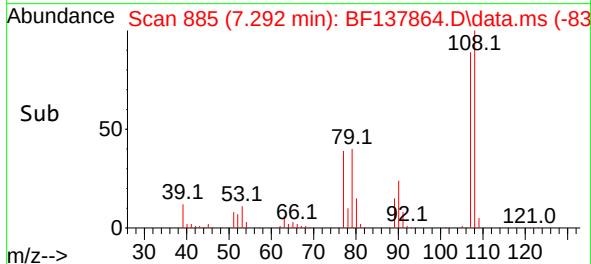
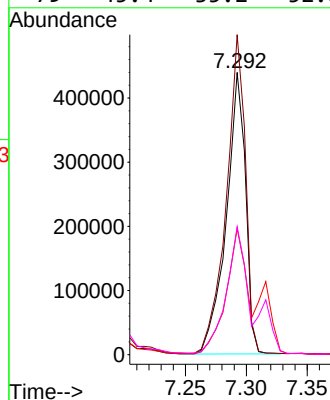
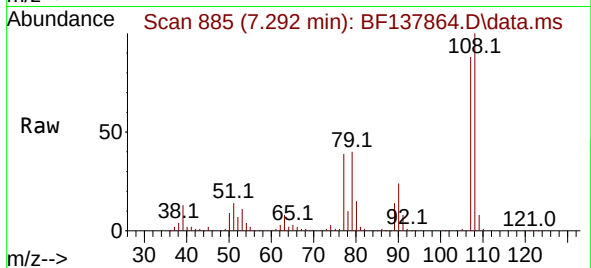




#17
2-Methylphenol
Concen: 45.956 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

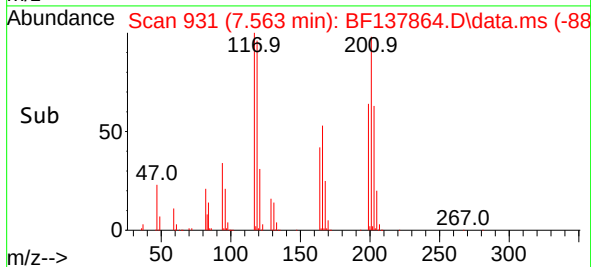
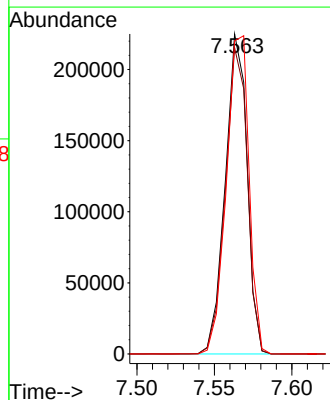
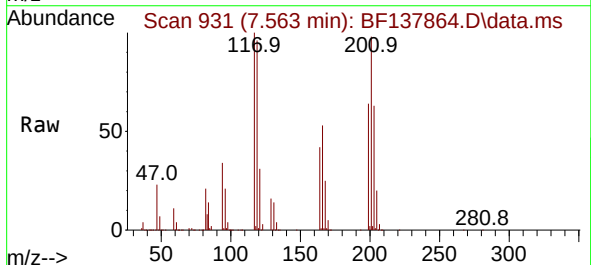
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

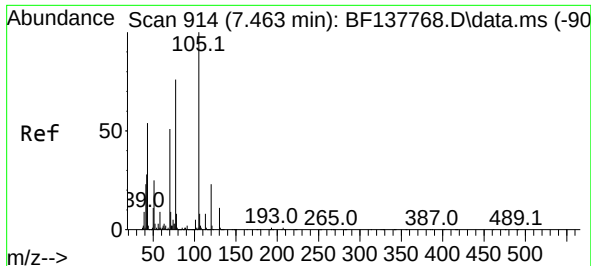
Tgt Ion:	107	Resp:	481500
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.5	135.7
77	44.6	34.5	51.7
79	45.4	35.2	52.8



#18
Hexachloroethane
Concen: 44.483 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:	117	Resp:	220940
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.6	116.4
201	97.9	83.8	125.8

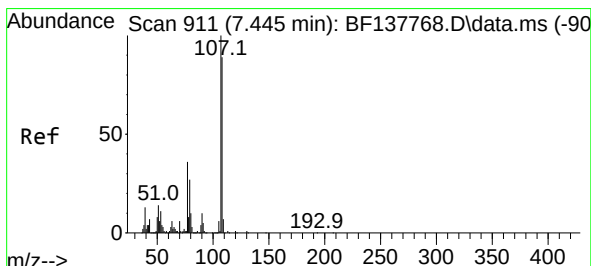
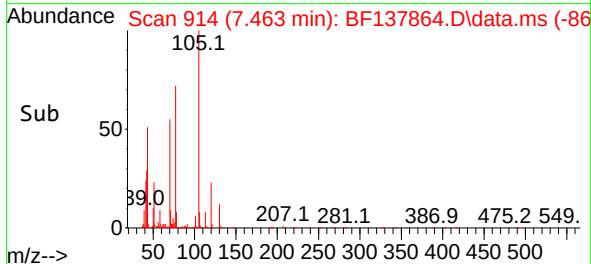
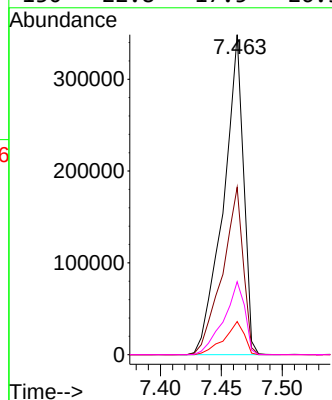
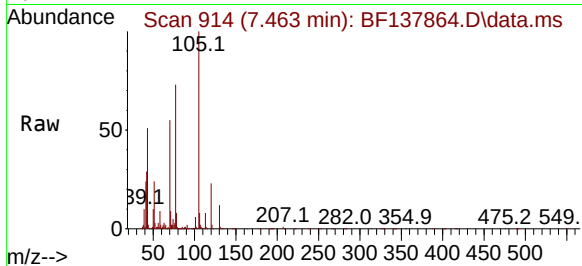




#19
n-Nitroso-di-n-propylamine
Concen: 44.435 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

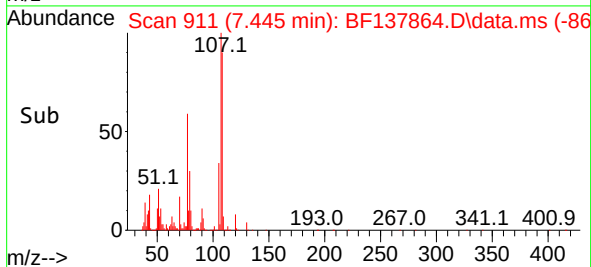
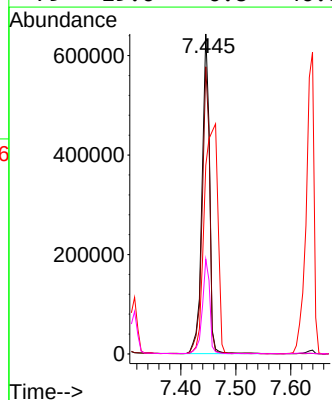
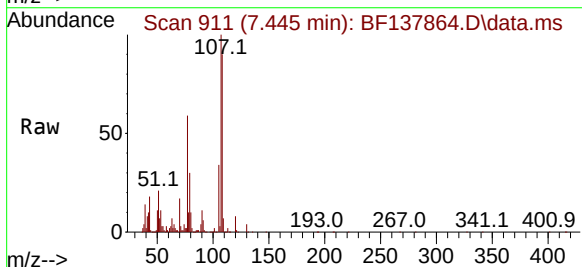
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

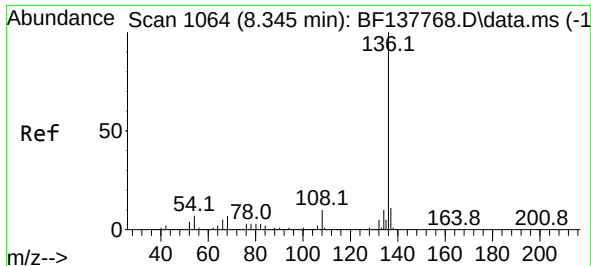
Tgt Ion:	70	Resp:	401316
Ion	Ratio	Lower	Upper
70	100		
42	52.3	44.6	66.8
101	10.3	7.8	11.6
130	22.8	17.5	26.3



#20
3+4-Methylphenols
Concen: 44.480 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:	107	Resp:	613126
Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.3	109.3
77	58.9	15.7	55.7#
79	29.6	6.8	46.8

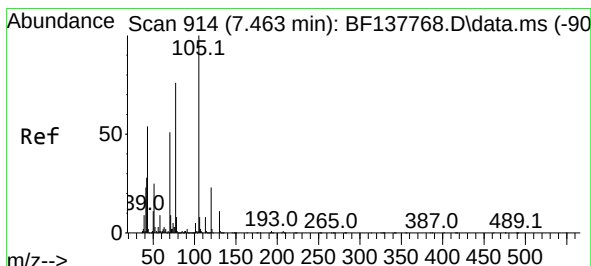
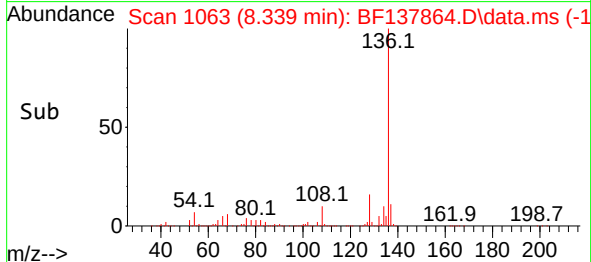
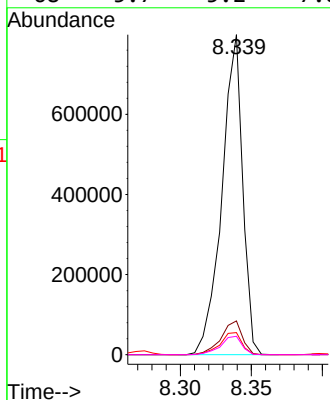
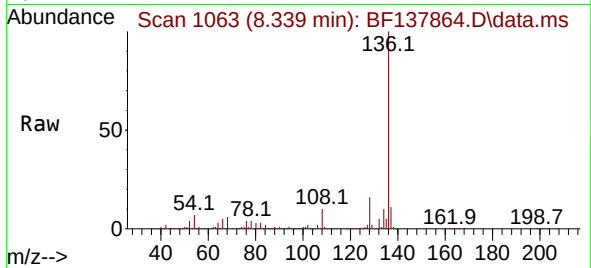




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

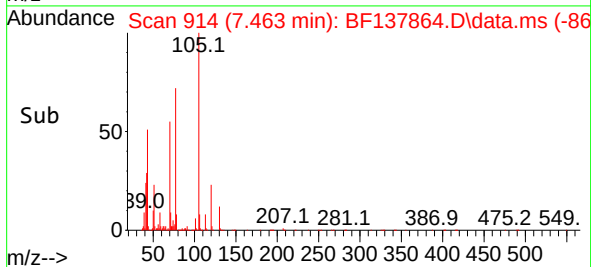
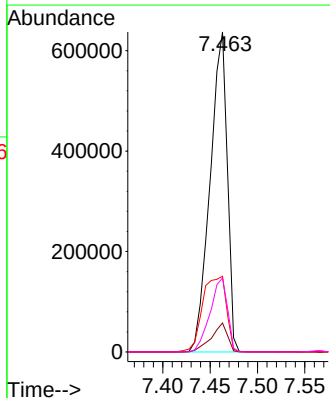
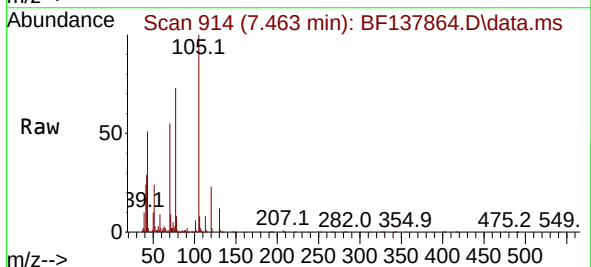
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

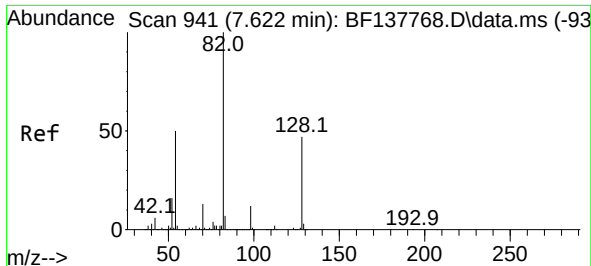
Tgt	Ion:136	Resp:	811098
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.9	5.8	8.8
68	5.7	5.2	7.8



#22
Acetophenone
Concen: 43.962 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt	Ion:105	Resp:	801958
Ion	Ratio	Lower	Upper
105	100		
71	9.0	6.9	10.3
51	23.6	20.2	30.2
120	23.1	18.6	27.8

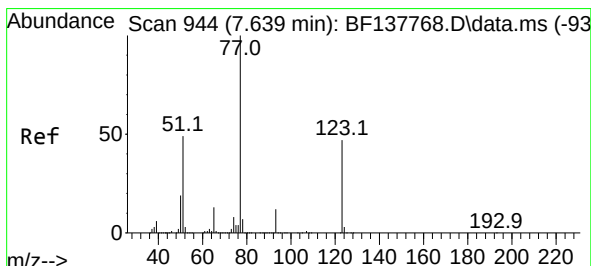
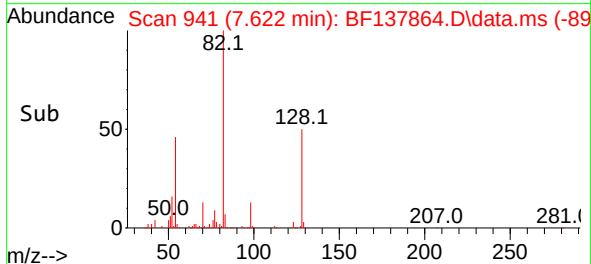
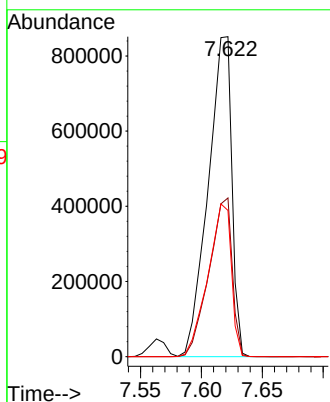
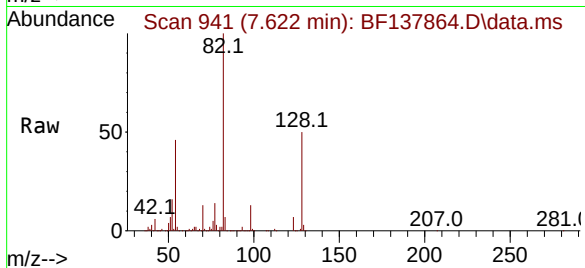




#23
Nitrobenzene-d5
Concen: 82.862 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

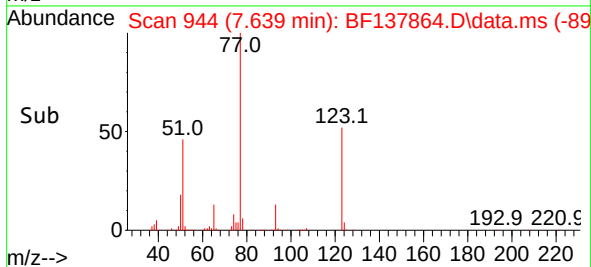
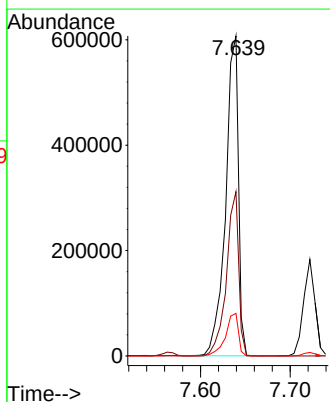
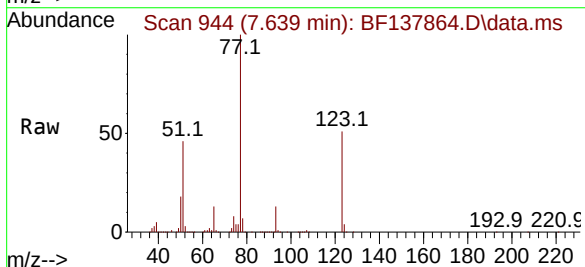
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

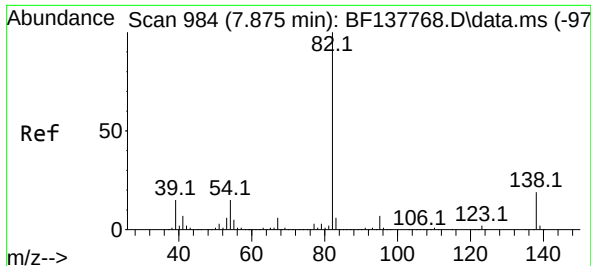
Tgt Ion: 82 Resp: 1156820
Ion Ratio Lower Upper
82 100
128 49.6 37.5 56.3
54 45.7 39.8 59.6



#24
Nitrobenzene
Concen: 41.658 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion: 77 Resp: 599412
Ion Ratio Lower Upper
77 100
123 51.4 37.4 56.2
65 13.3 10.7 16.1

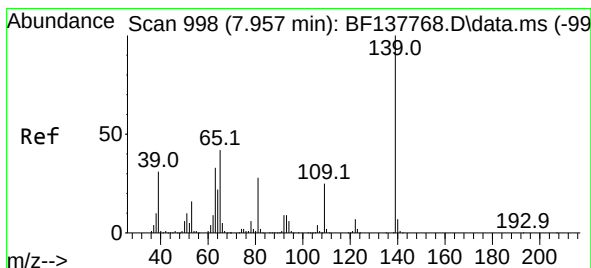
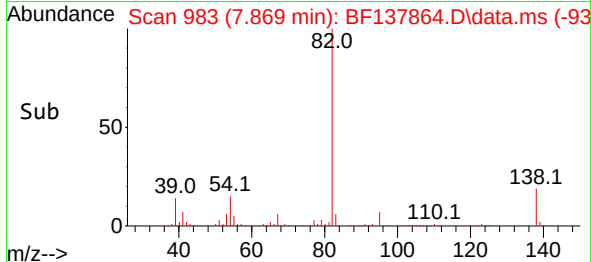
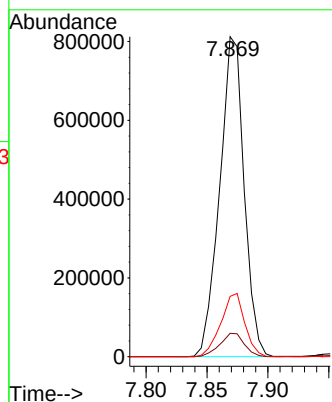
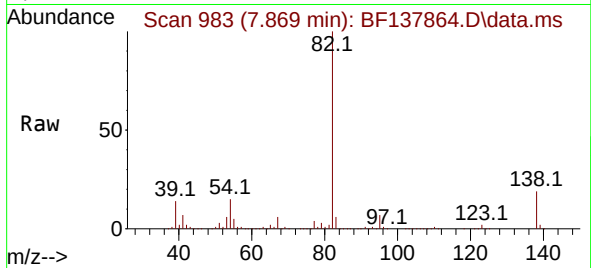




#25
Isophorone
Concen: 45.080 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

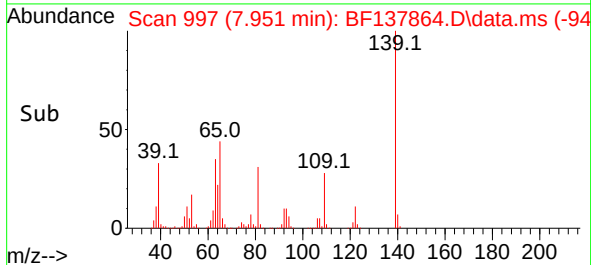
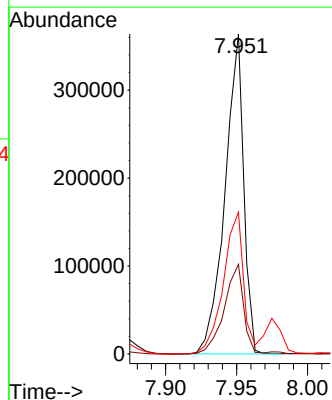
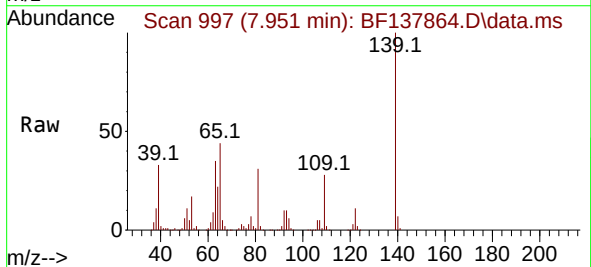
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

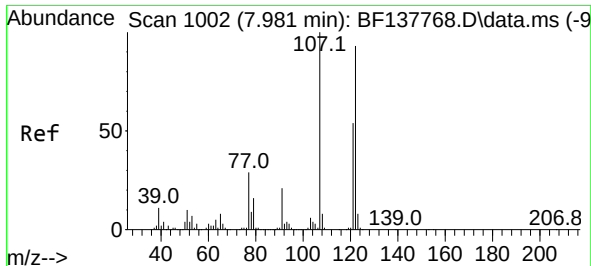
Tgt Ion: 82 Resp: 1134720
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.9 15.0 22.6



#26
2-Nitrophenol
Concen: 51.326 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:139 Resp: 334433
Ion Ratio Lower Upper
139 100
109 28.0 20.2 30.2
65 44.3 33.4 50.0

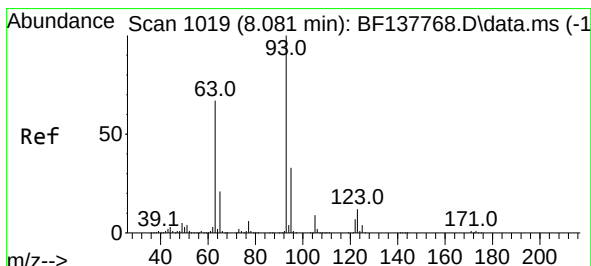
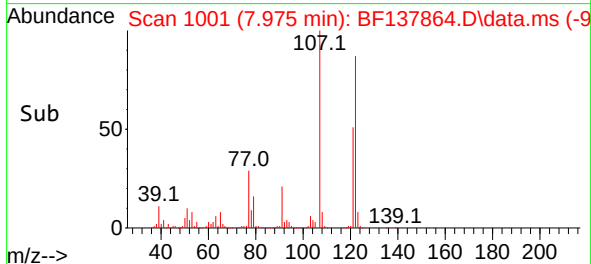
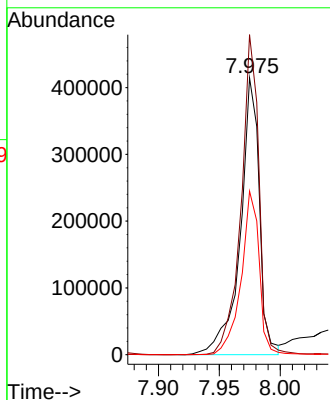
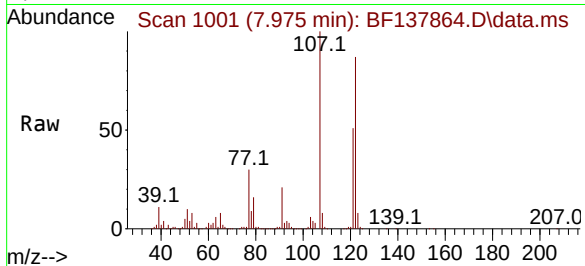




#27
2,4-Dimethylphenol
Concen: 47.996 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

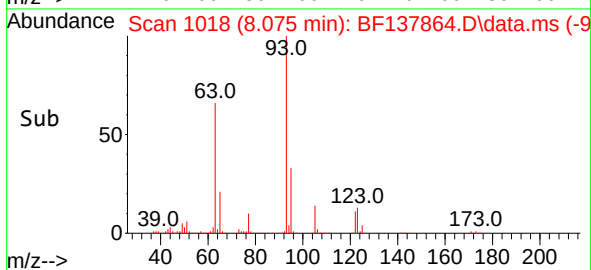
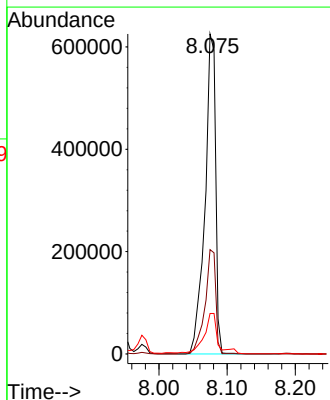
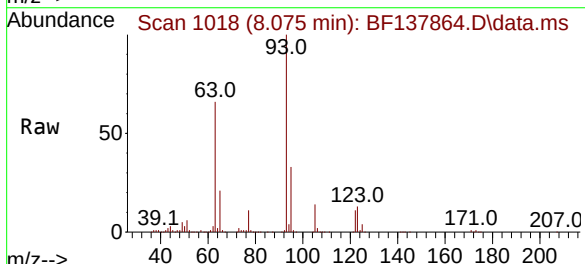
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

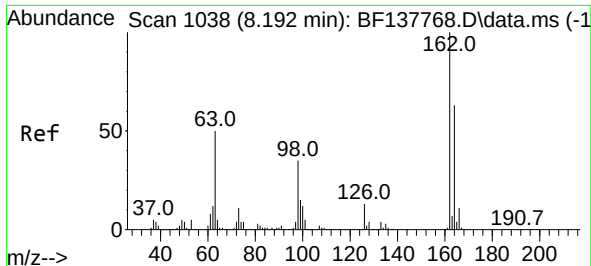
Tgt Ion:122 Resp: 450229
Ion Ratio Lower Upper
122 100
107 115.6 85.8 128.8
121 59.1 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.706 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion: 93 Resp: 681339
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.366 ng

RT: 8.187 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

PB160815BSD

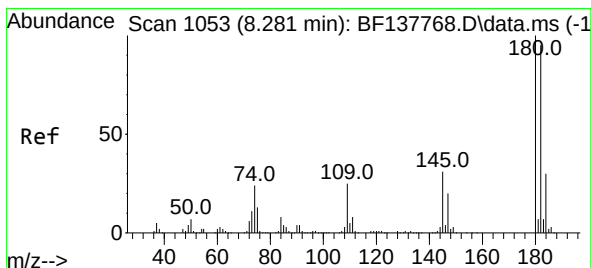
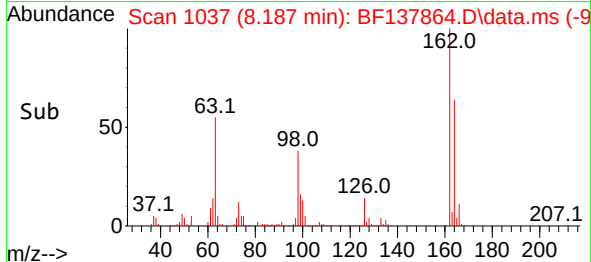
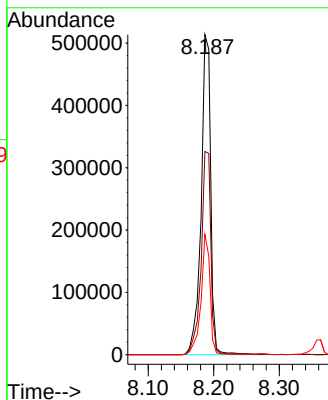
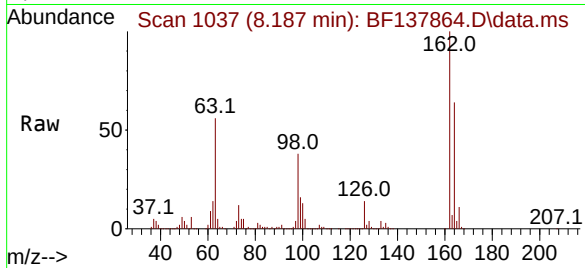
Tgt Ion:162 Resp: 525710

Ion Ratio Lower Upper

162 100

164 63.5 43.5 83.5

98 37.6 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 44.336 ng

RT: 8.275 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

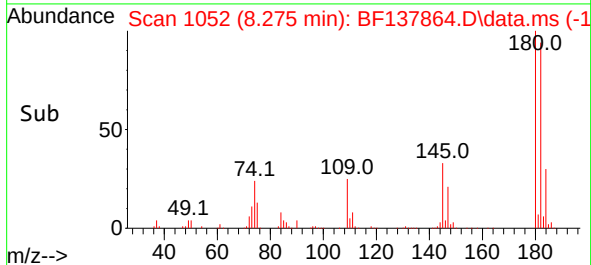
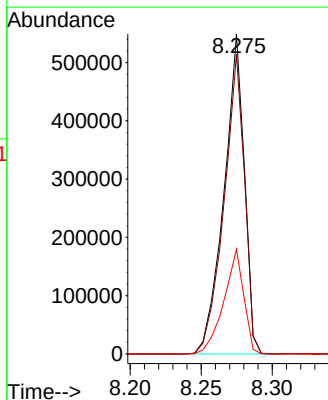
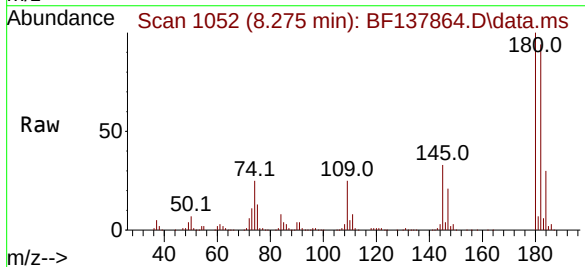
Tgt Ion:180 Resp: 548004

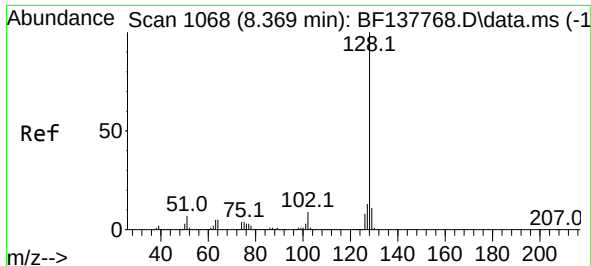
Ion Ratio Lower Upper

180 100

182 93.6 76.2 114.2

145 32.8 25.1 37.7

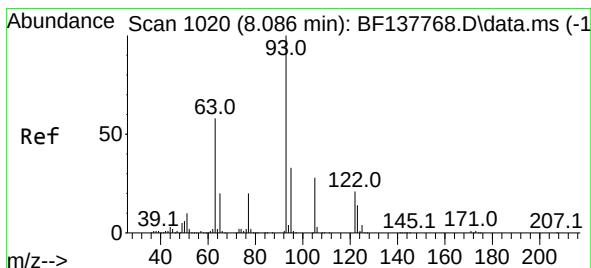
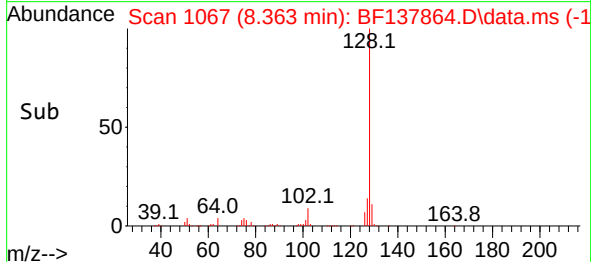
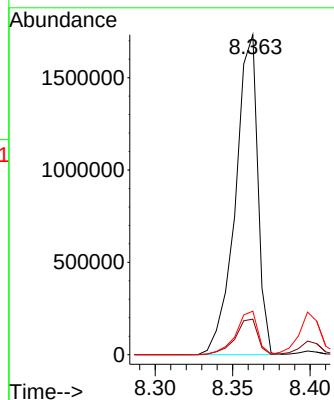
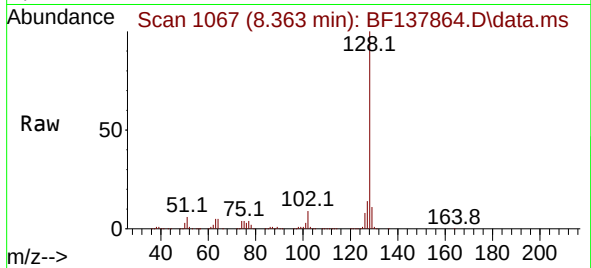




#31
Naphthalene
Concen: 43.083 ng
RT: 8.363 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

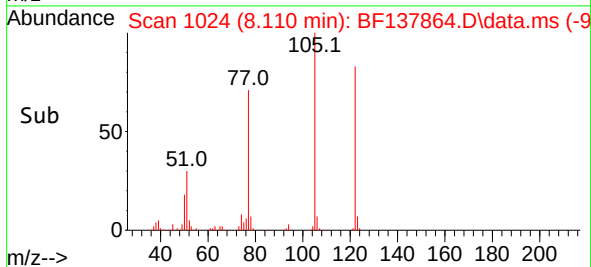
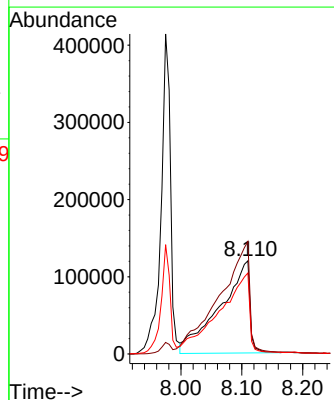
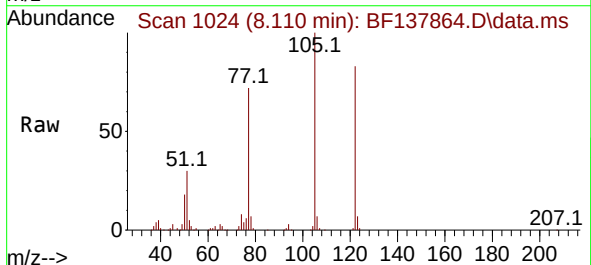
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

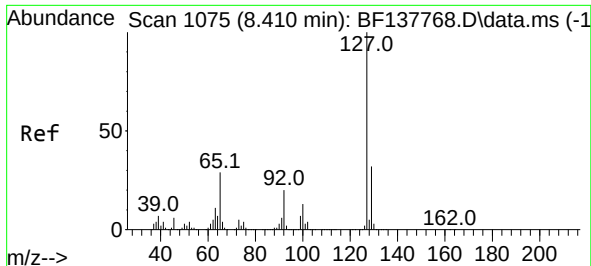
Tgt Ion:128 Resp: 1736588
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 50.047 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.024 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:122 Resp: 405011
Ion Ratio Lower Upper
122 100
105 120.7 105.3 145.3
77 86.8 73.2 113.2

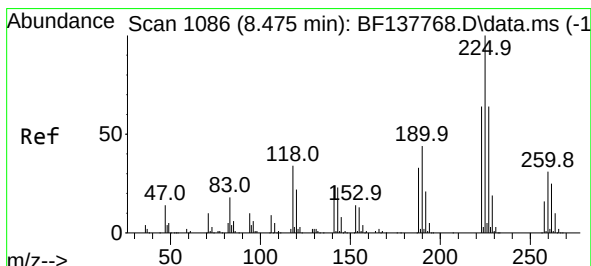
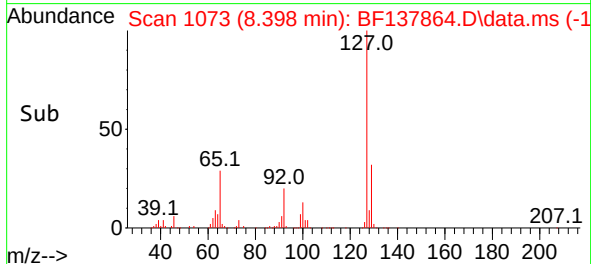
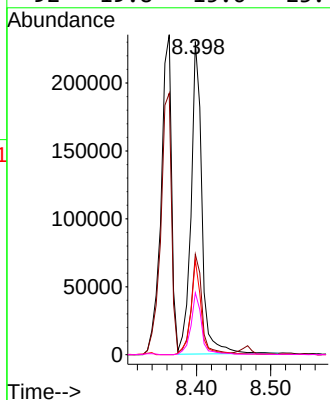
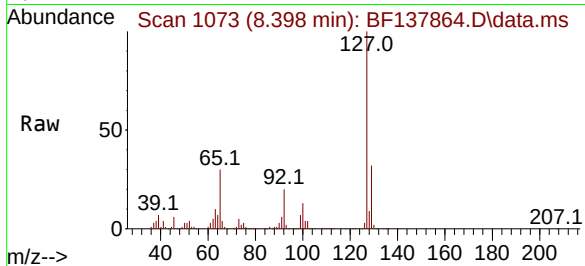




#33
4-Chloroaniline
Concen: 15.606 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

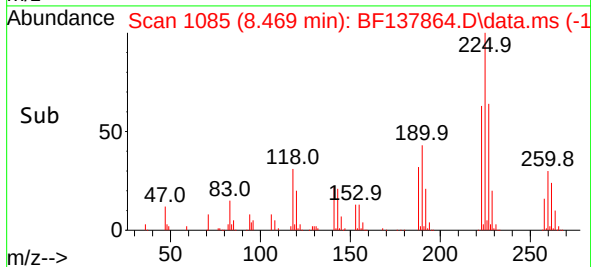
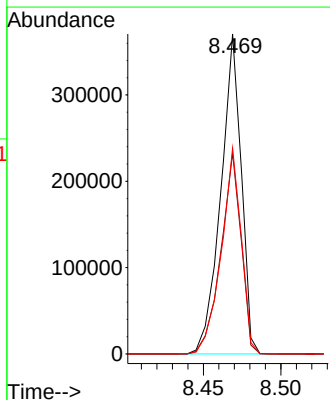
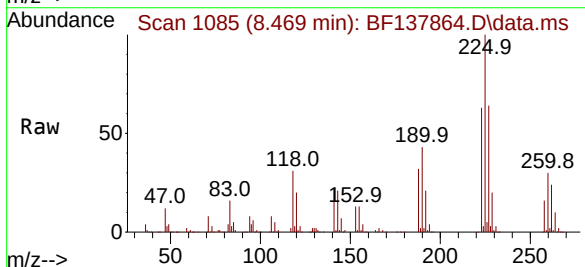
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

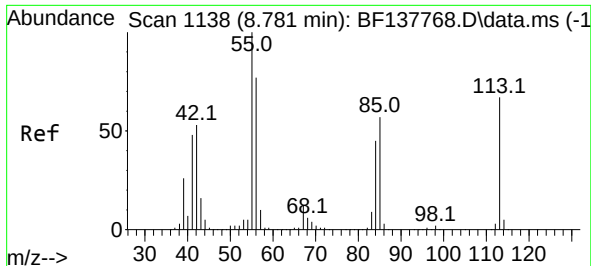
Tgt Ion:	127	Resp:	233266
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	30.3	23.4	35.2
92	19.8	15.6	23.4



#34
Hexachlorobutadiene
Concen: 44.668 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:	225	Resp:	338973
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.1	76.7
227	64.4	51.4	77.0

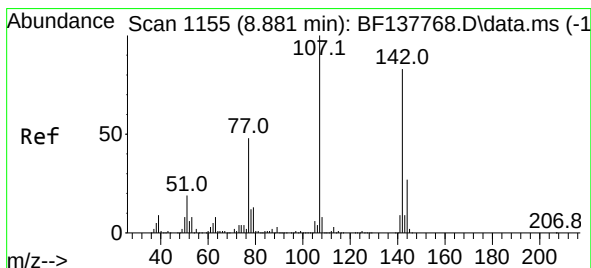
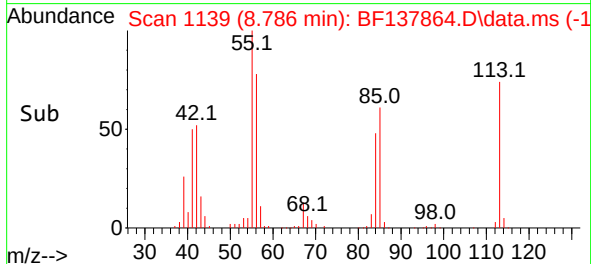
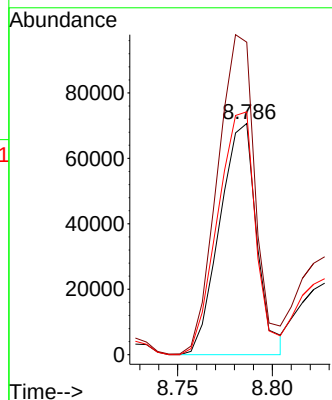
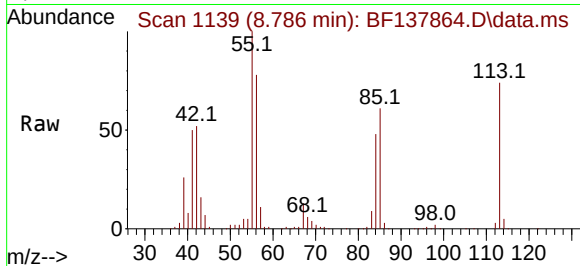




#35
 Caprolactam
 Concen: 26.751 ng
 RT: 8.786 min Scan# 1139
 Delta R.T. 0.006 min
 Lab File: BF137864.D
 Acq: 09 May 2024 15:14

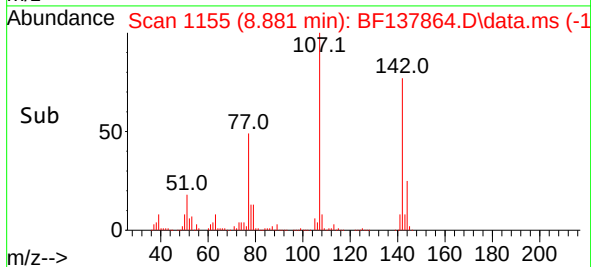
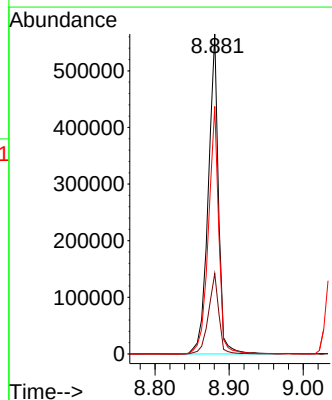
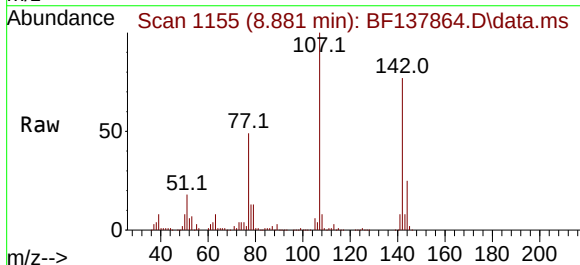
Instrument :
 BNA_F
 ClientSampleId :
 PB160815BSD

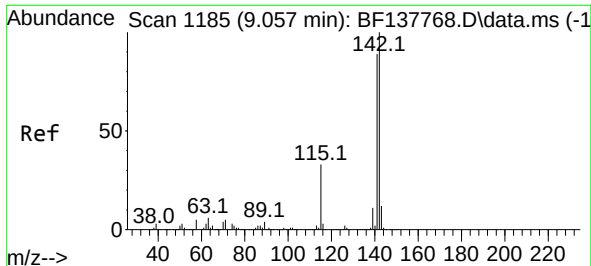
Tgt Ion:113 Resp: 96100
 Ion Ratio Lower Upper
 113 100
 55 135.1 128.7 168.7
 56 105.0 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 46.045 ng
 RT: 8.881 min Scan# 1155
 Delta R.T. 0.000 min
 Lab File: BF137864.D
 Acq: 09 May 2024 15:14

Tgt Ion:107 Resp: 544435
 Ion Ratio Lower Upper
 107 100
 144 25.1 21.4 32.0
 142 77.4 66.2 99.2





#37

2-Methylnaphthalene

Concen: 44.914 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

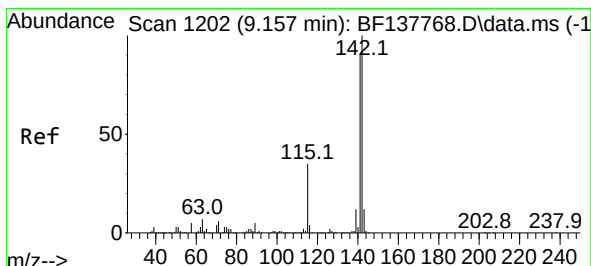
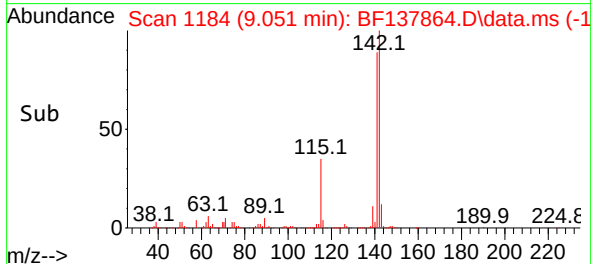
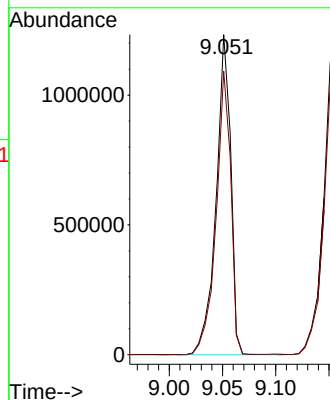
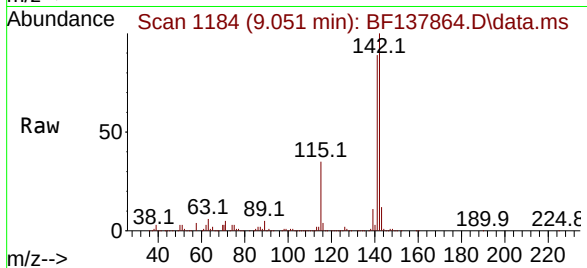
PB160815BSD

Tgt Ion:142 Resp: 1171884

Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2



#38

1-Methylnaphthalene

Concen: 42.239 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137864.D

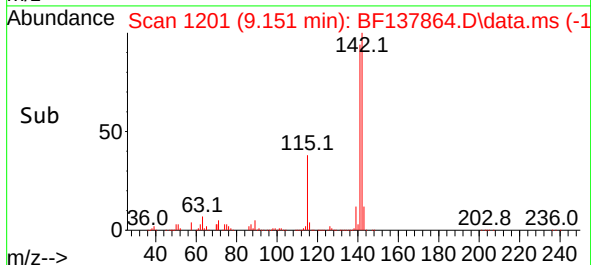
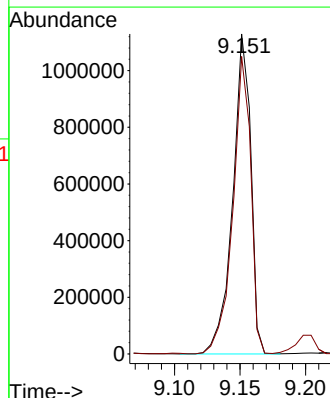
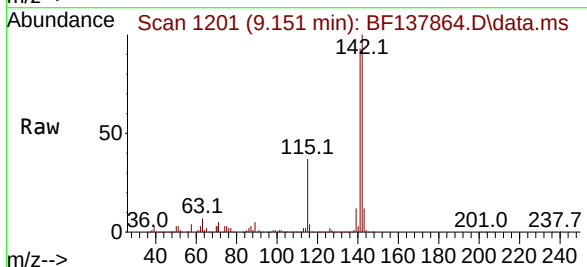
Acq: 09 May 2024 15:14

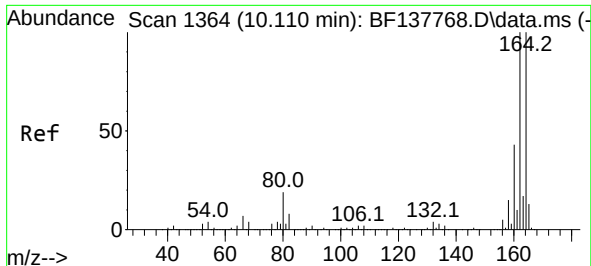
Tgt Ion:142 Resp: 1084270

Ion Ratio Lower Upper

142 100

141 93.0 73.1 109.7

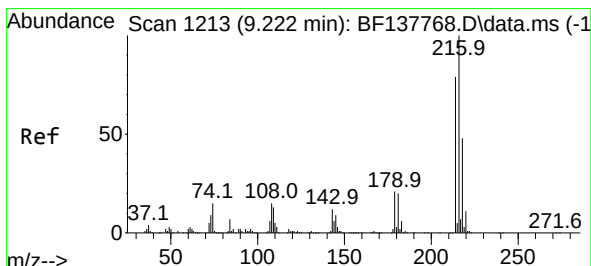
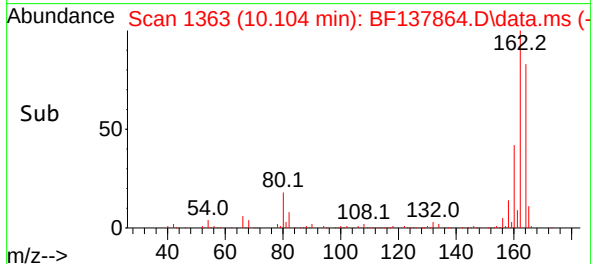
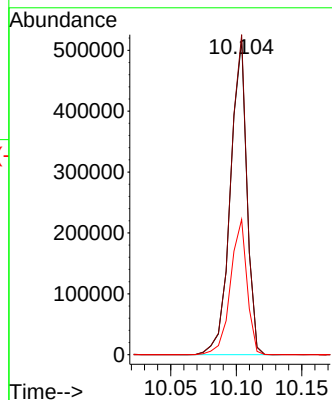
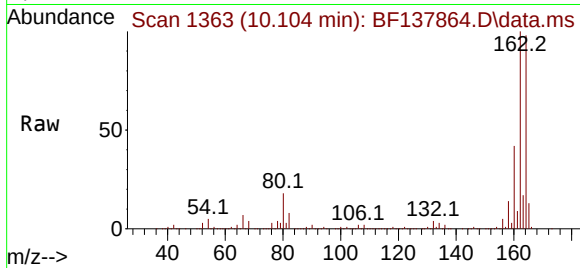




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

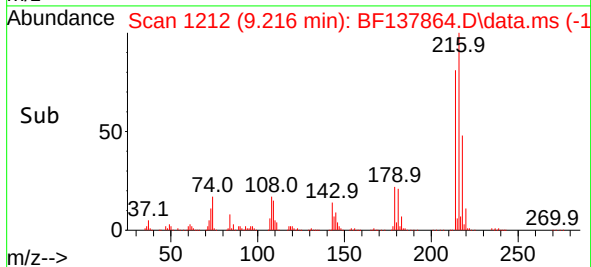
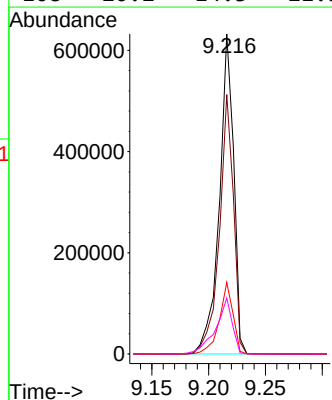
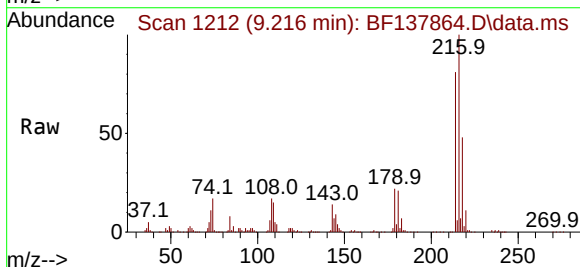
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

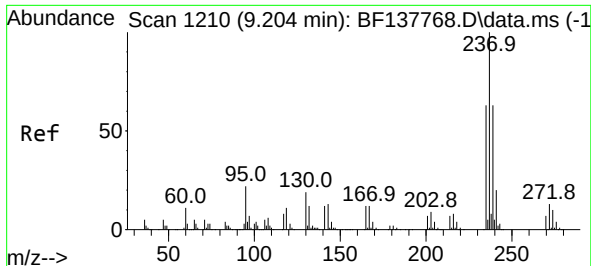
Tgt Ion:164 Resp: 451590
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.6
160 43.0 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.510 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:216 Resp: 556285
Ion Ratio Lower Upper
216 100
214 79.5 63.3 94.9
179 21.4 16.8 25.2
108 20.2 14.3 21.5

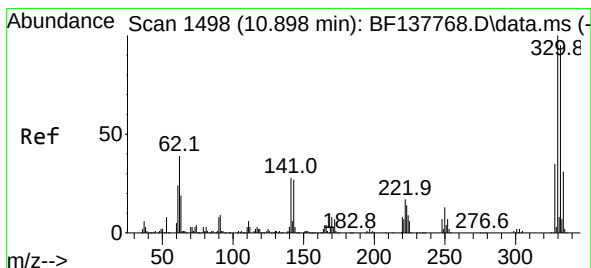
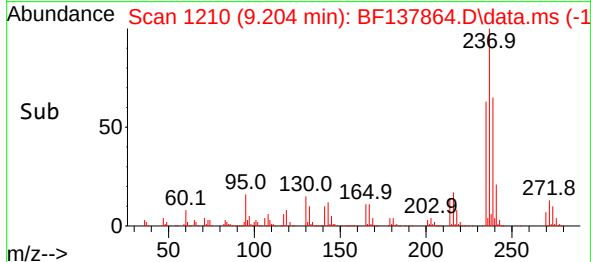
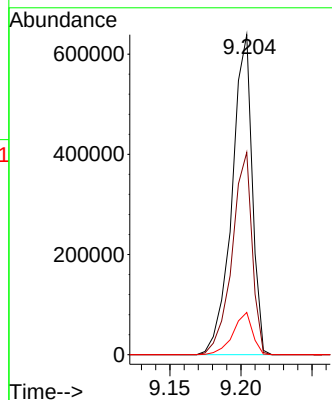
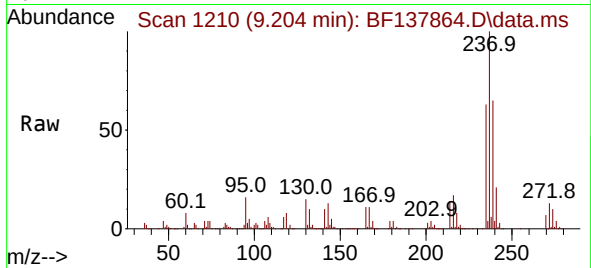




#41
Hexachlorocyclopentadiene
Concen: 130.290 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

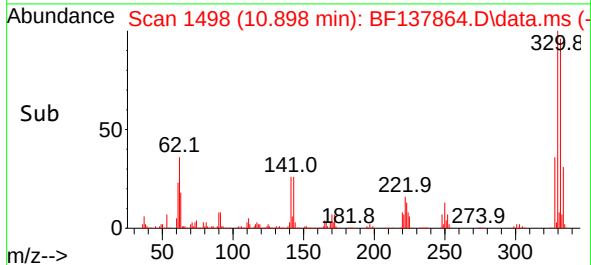
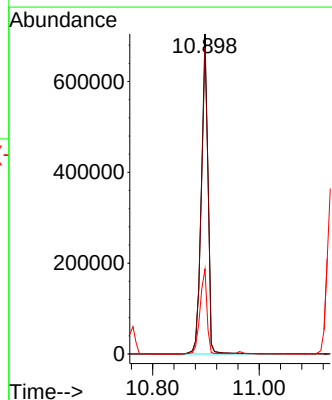
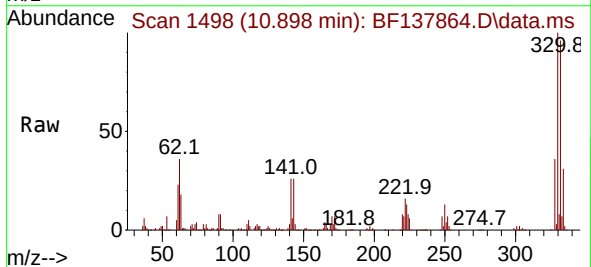
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

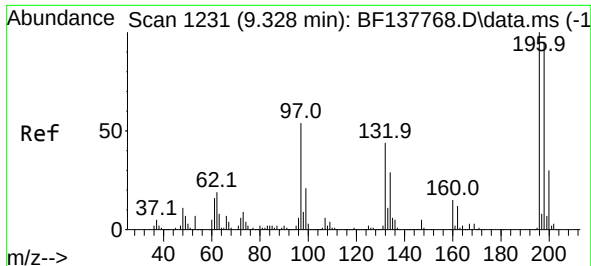
Tgt Ion:237 Resp: 632966
Ion Ratio Lower Upper
237 100
235 63.2 43.0 83.0
272 13.2 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 133.030 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:330 Resp: 613379
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 27.6 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 48.924 ng

RT: 9.328 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

PB160815BSD

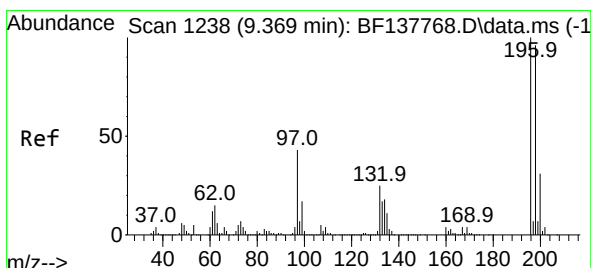
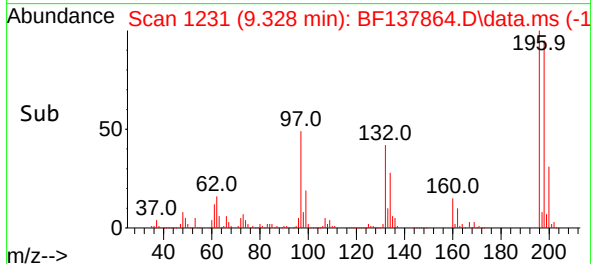
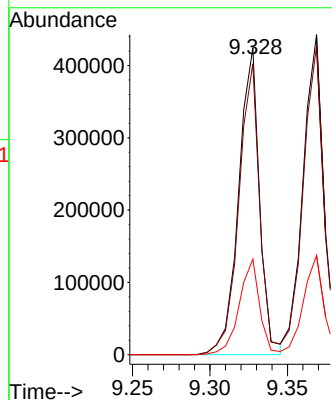
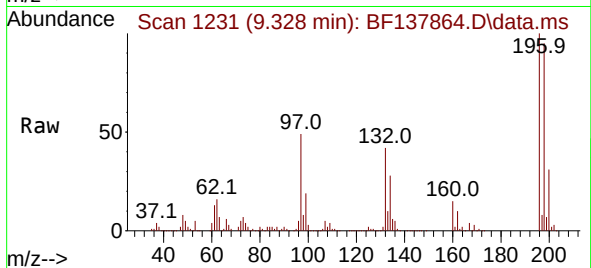
Tgt Ion:196 Resp: 398320

Ion Ratio Lower Upper

196 100

198 94.8 76.2 114.4

200 31.1 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 45.295 ng

RT: 9.369 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

Tgt Ion:196 Resp: 407201

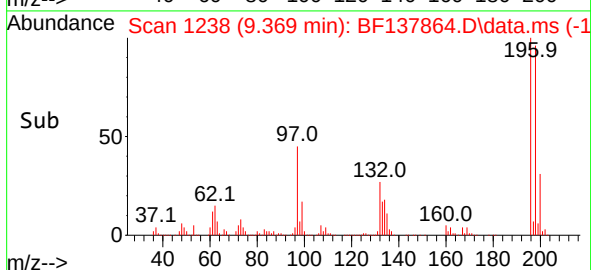
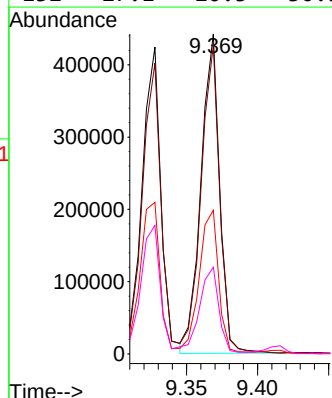
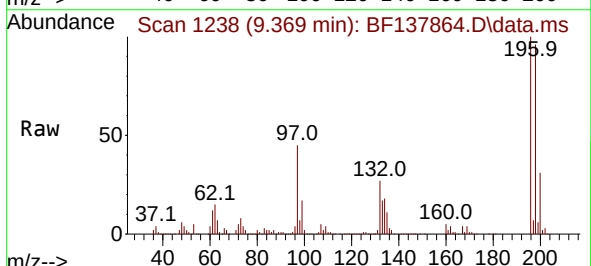
Ion Ratio Lower Upper

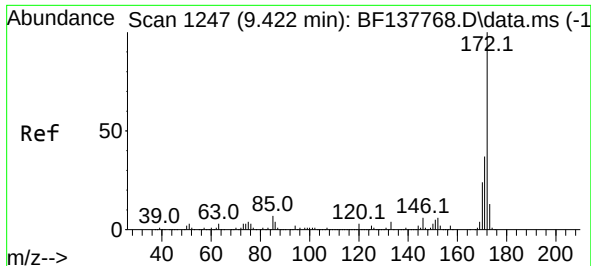
196 100

198 96.5 76.6 114.8

97 44.9 34.5 51.7

132 27.1 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 86.089 ng

RT: 9.416 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

PB160815BSD

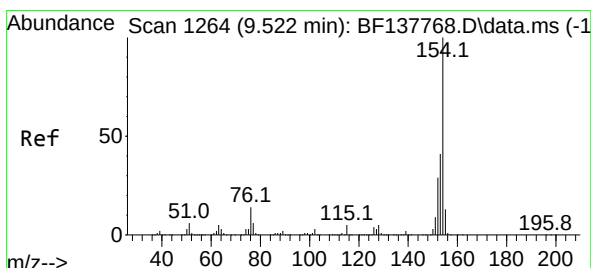
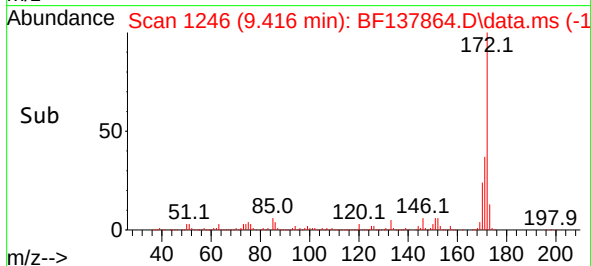
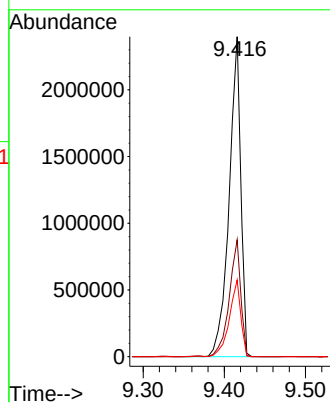
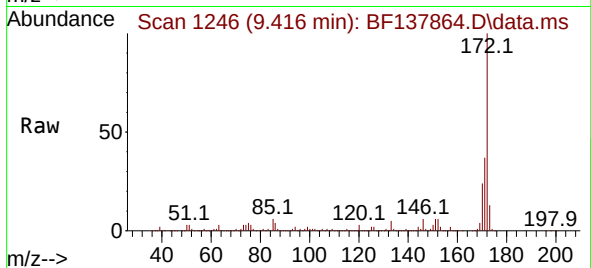
Tgt Ion:172 Resp: 2396308

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

170 24.0 19.4 29.2



#46

1,1'-Biphenyl

Concen: 46.443 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

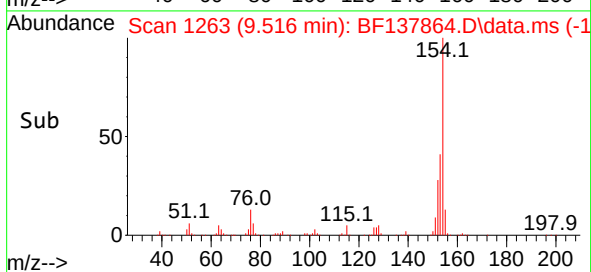
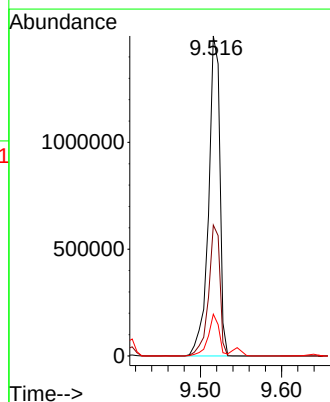
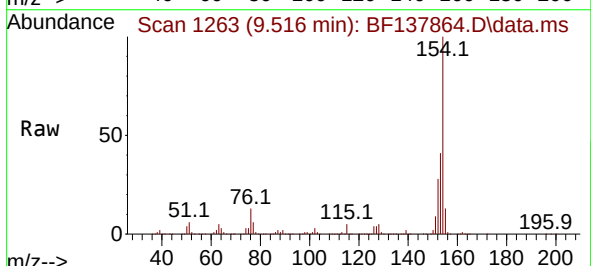
Tgt Ion:154 Resp: 1439356

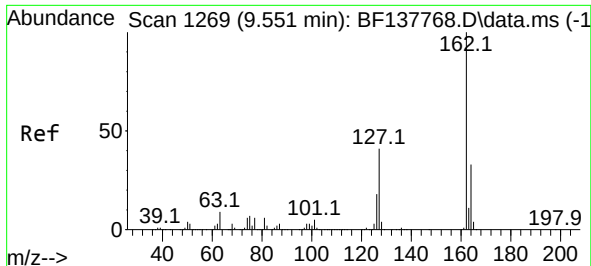
Ion Ratio Lower Upper

154 100

153 40.9 21.4 61.4

76 13.1 0.0 33.5

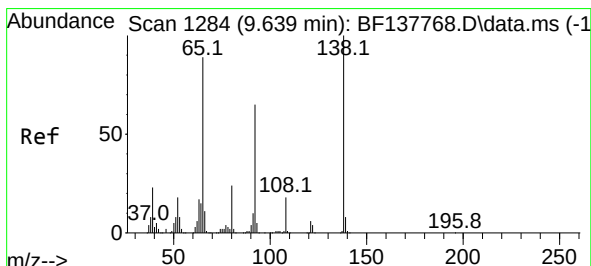
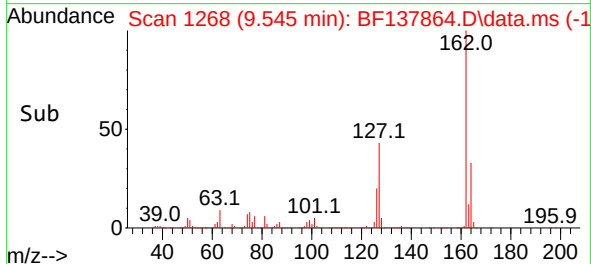
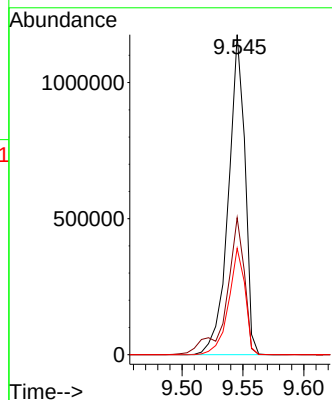
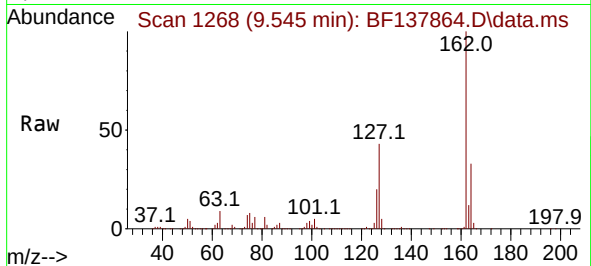




#47
2-Chloronaphthalene
Concen: 44.492 ng
RT: 9.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

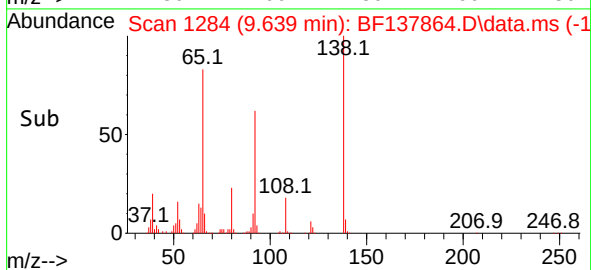
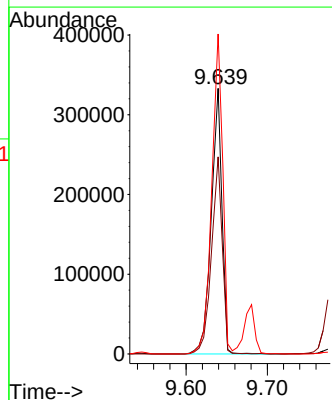
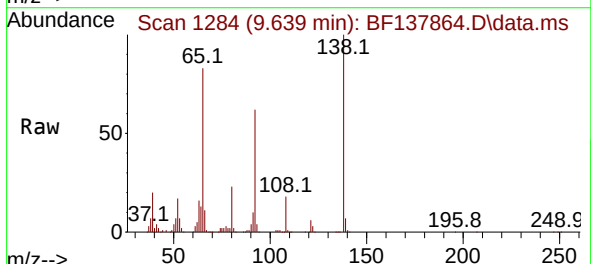
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

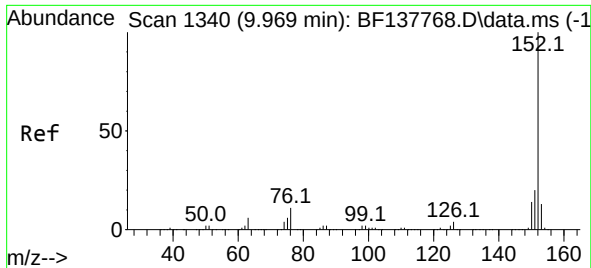
Tgt Ion:162 Resp: 1113245
Ion Ratio Lower Upper
162 100
127 42.8 32.6 49.0
164 33.3 26.5 39.7



#48
2-Nitroaniline
Concen: 44.969 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion: 65 Resp: 305156
Ion Ratio Lower Upper
65 100
92 74.2 58.6 88.0
138 120.5 90.3 135.5

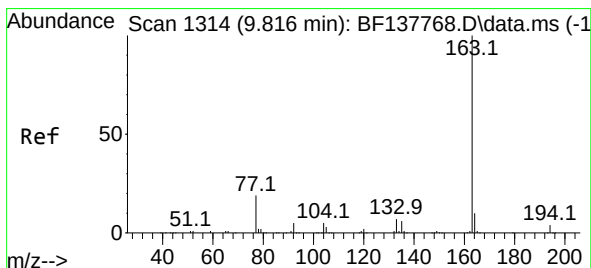
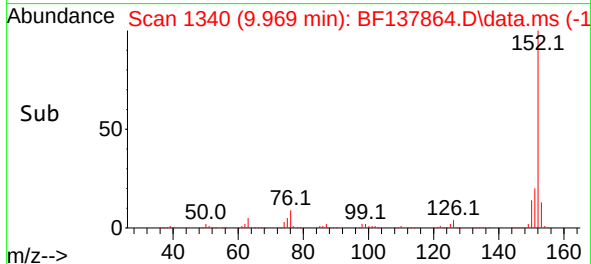
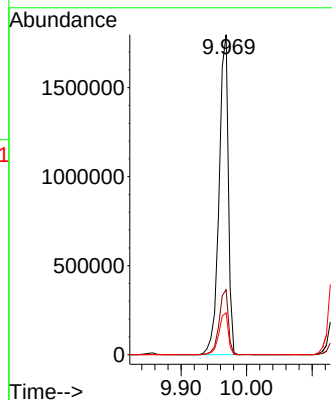
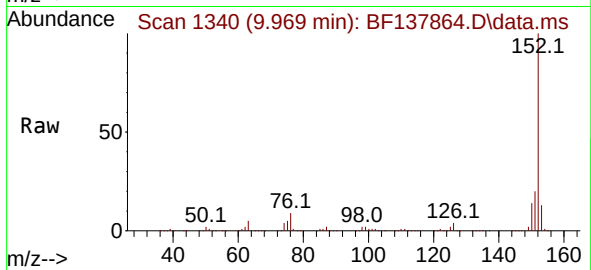




#49
Acenaphthylene
Concen: 48.280 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

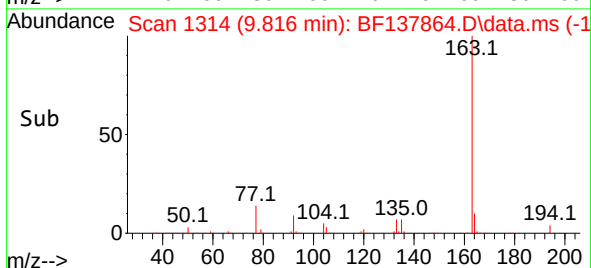
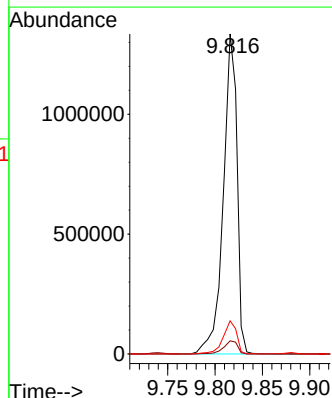
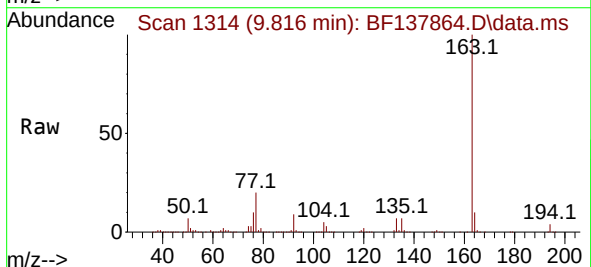
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

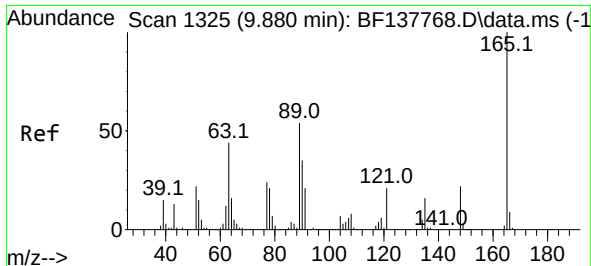
Tgt Ion:152 Resp: 1747505
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.1 10.8 16.2



#50
Dimethylphthalate
Concen: 47.326 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:163 Resp: 1349178
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.3 12.5

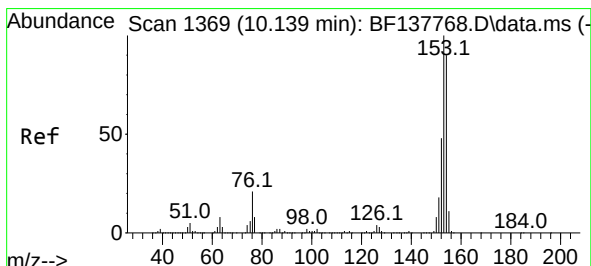
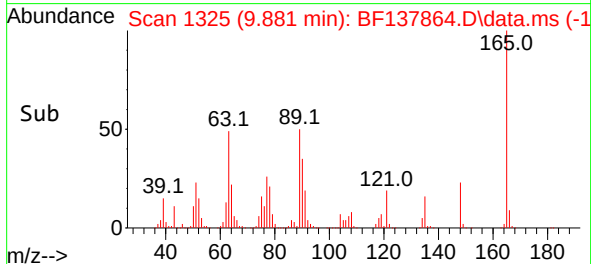
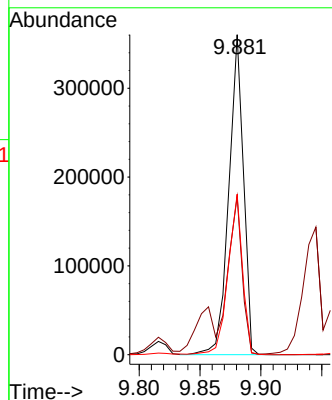
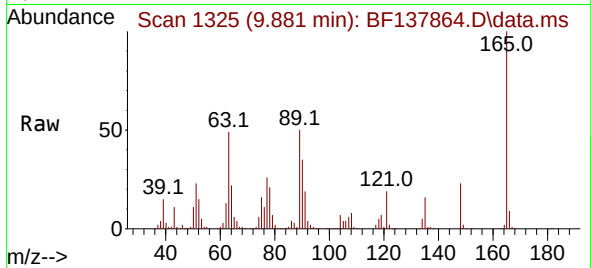




#51
2,6-Dinitrotoluene
Concen: 46.247 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

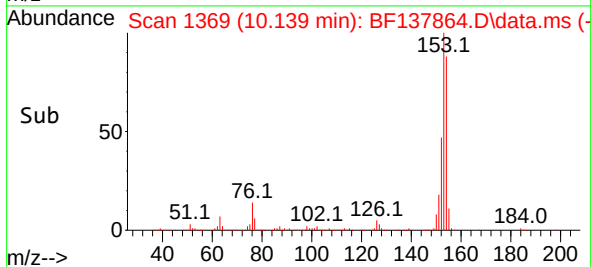
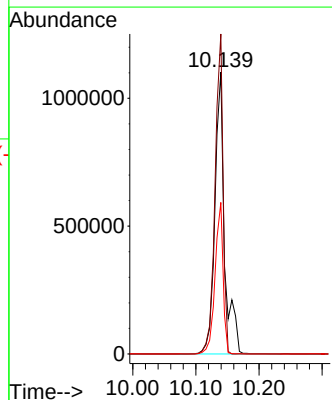
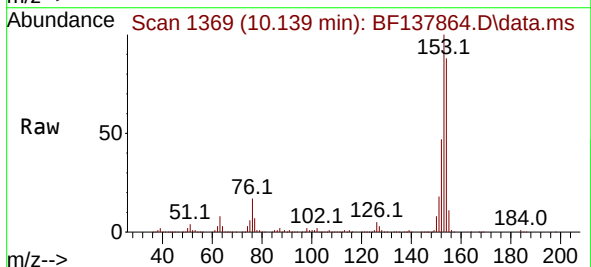
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

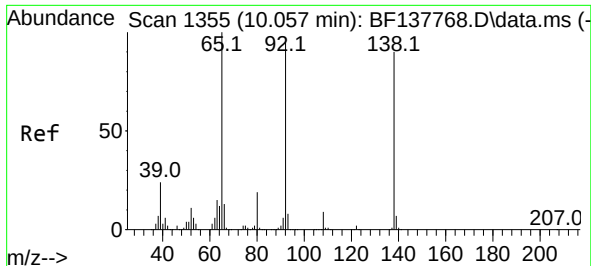
Tgt Ion:165 Resp: 301303
Ion Ratio Lower Upper
165 100
63 49.4 41.9 62.9
89 50.1 43.2 64.8



#52
Acenaphthene
Concen: 48.998 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:154 Resp: 1175544
Ion Ratio Lower Upper
154 100
153 113.5 88.7 133.1
152 53.7 42.8 64.2

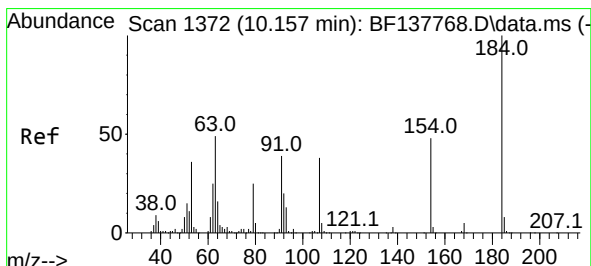
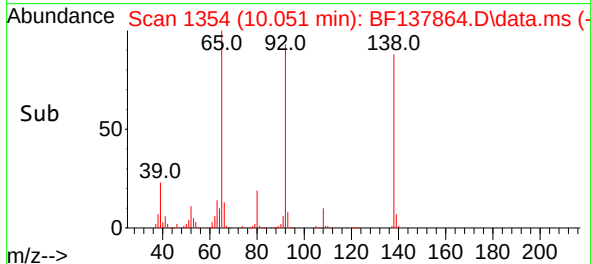
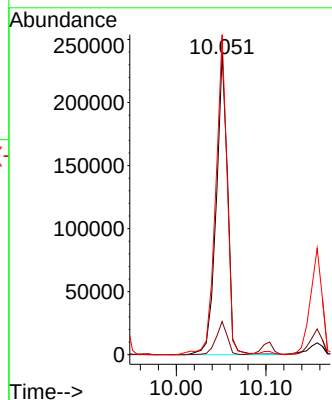
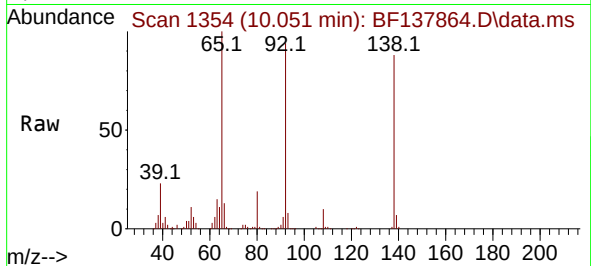




#53
3-Nitroaniline
Concen: 30.688 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

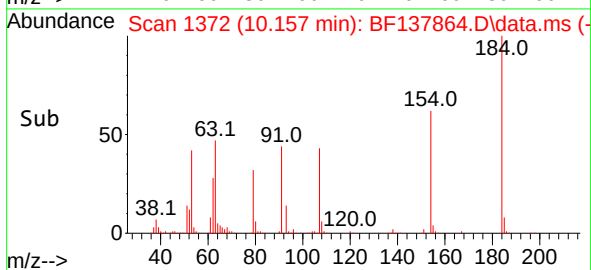
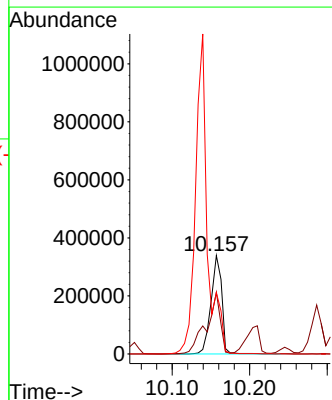
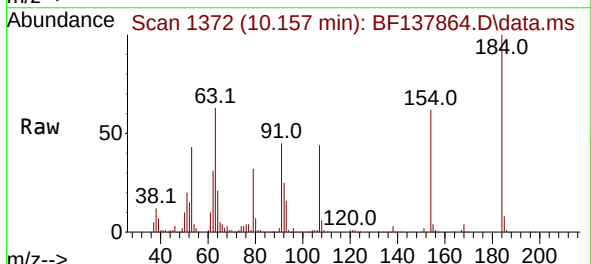
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

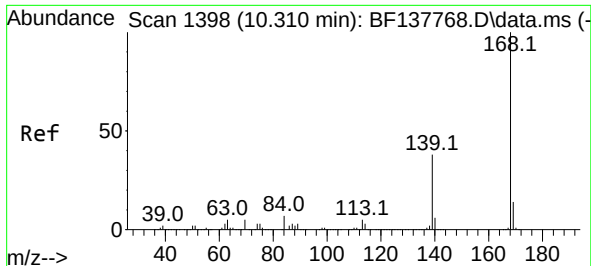
Tgt Ion:138 Resp: 209374
Ion Ratio Lower Upper
138 100
108 11.0 7.8 11.6
92 106.5 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 102.836 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:184 Resp: 329203
Ion Ratio Lower Upper
184 100
63 62.6 40.3 60.5#
154 62.4 45.2 67.8

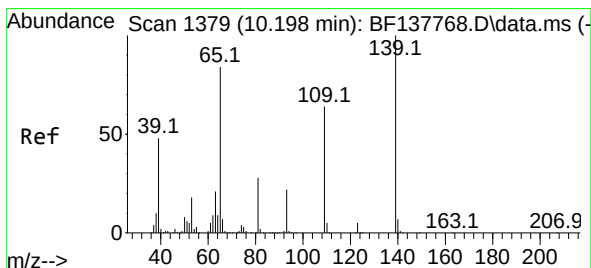
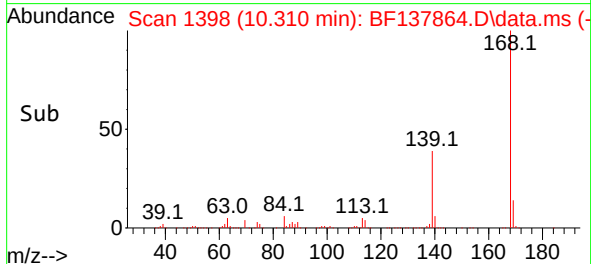
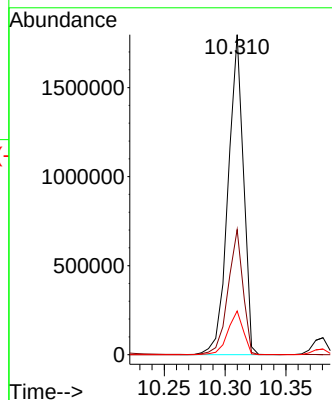
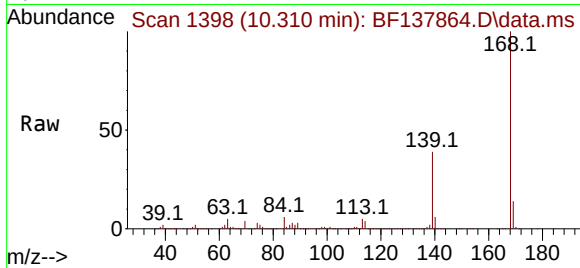




#55
Dibenzofuran
Concen: 45.146 ng
RT: 10.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

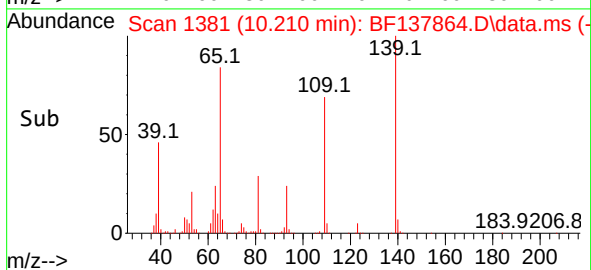
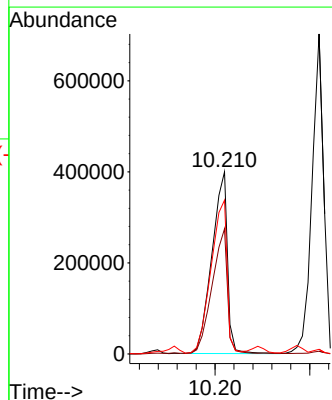
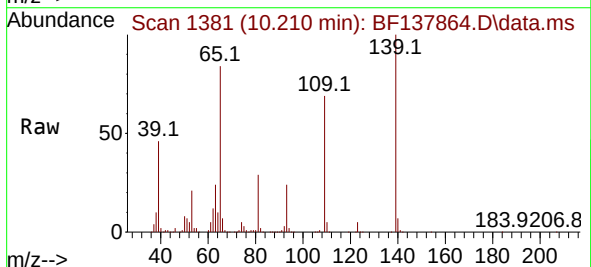
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

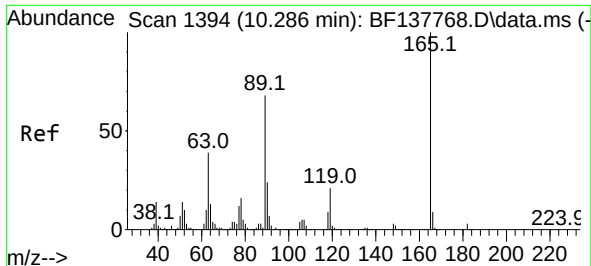
Tgt Ion:168 Resp: 1576191
Ion Ratio Lower Upper
168 100
139 39.1 30.2 45.4
169 13.7 11.4 17.0



#56
4-Nitrophenol
Concen: 80.356 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:139 Resp: 454386
Ion Ratio Lower Upper
139 100
109 68.7 44.0 84.0
65 84.5 64.3 104.3

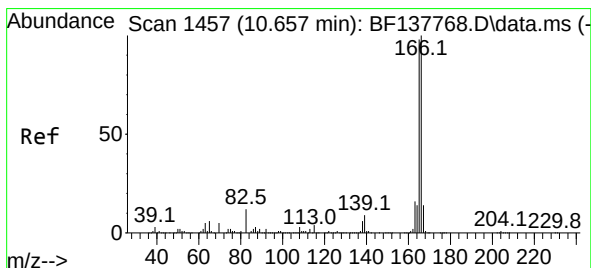
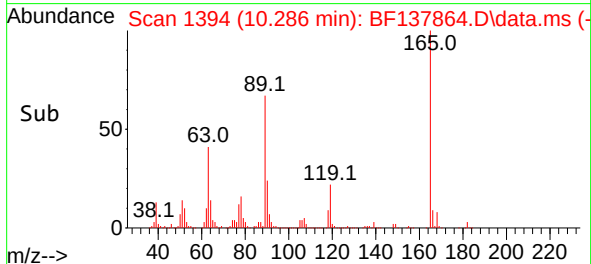
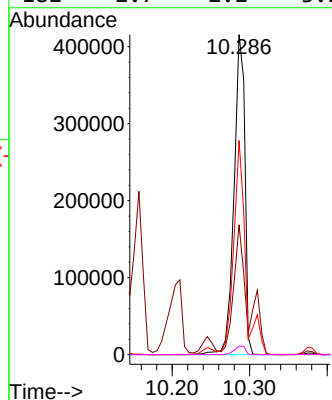
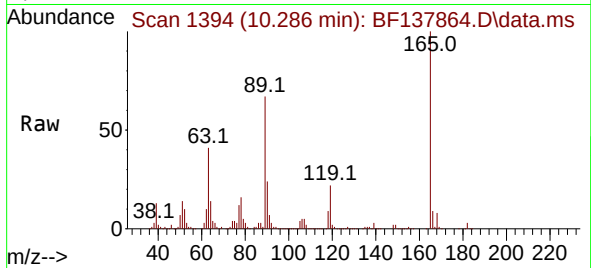




#57
2,4-Dinitrotoluene
Concen: 47.649 ng
RT: 10.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

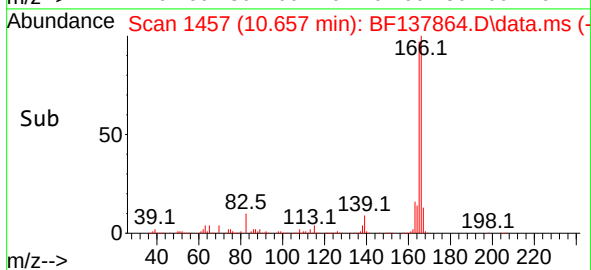
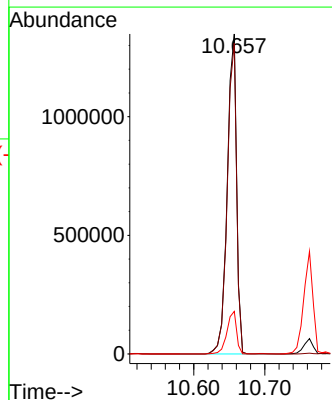
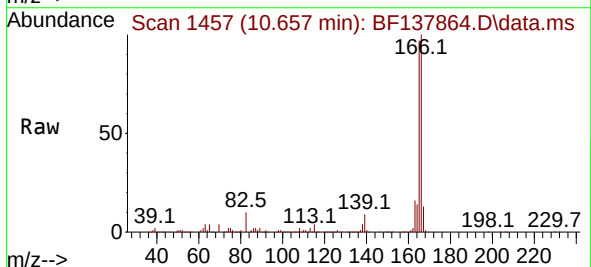
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

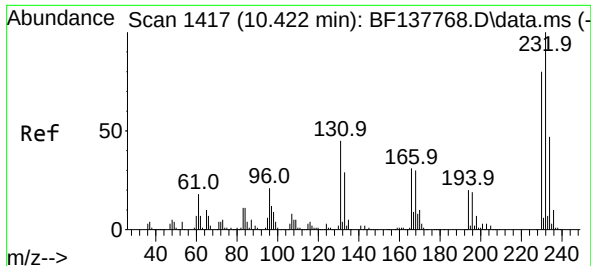
Tgt Ion:165 Resp: 405561
Ion Ratio Lower Upper
165 100
63 40.6 31.3 46.9
89 67.0 54.2 81.4
182 2.7 2.2 3.2



#58
Fluorene
Concen: 44.144 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:166 Resp: 1226576
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 13.3 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.537 ng

RT: 10.422 min Scan# 1417

Delta R.T. 0.000 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

PB160815BSD

Tgt Ion:232 Resp: 346950

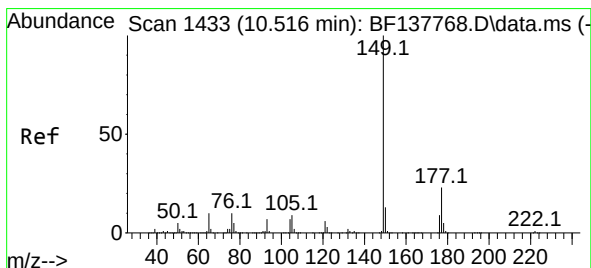
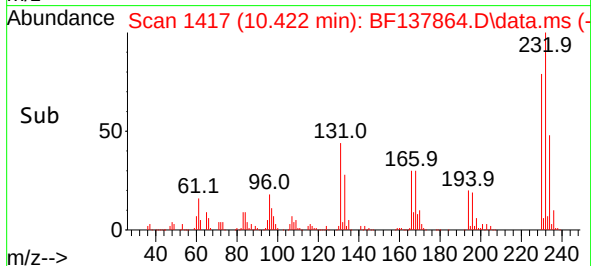
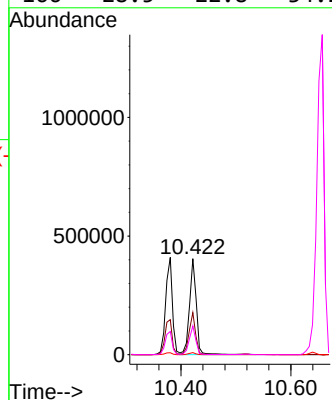
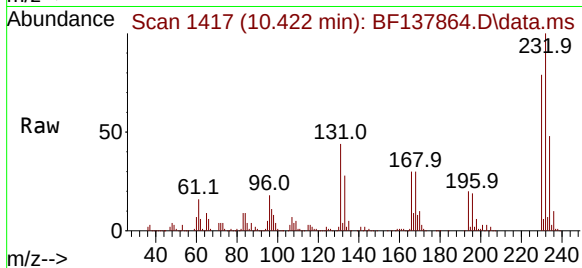
Ion Ratio Lower Upper

232 100

131 42.1 33.4 50.0

130 2.1 1.7 2.5

166 28.5 22.8 34.2



#60

Diethylphthalate

Concen: 46.469 ng

RT: 10.516 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

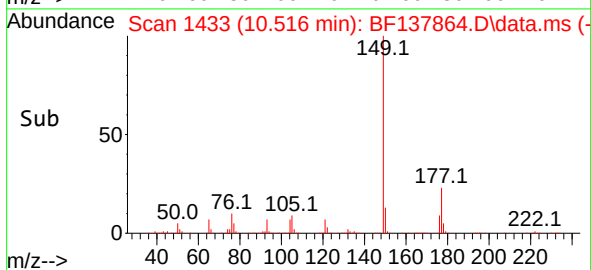
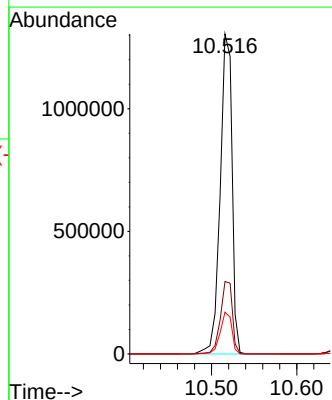
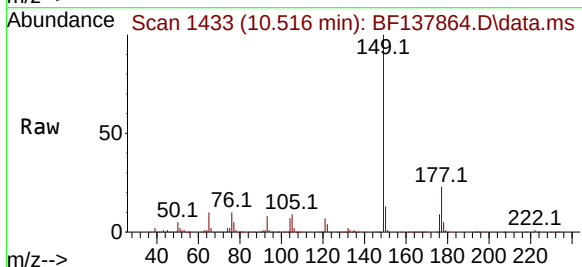
Tgt Ion:149 Resp: 1258176

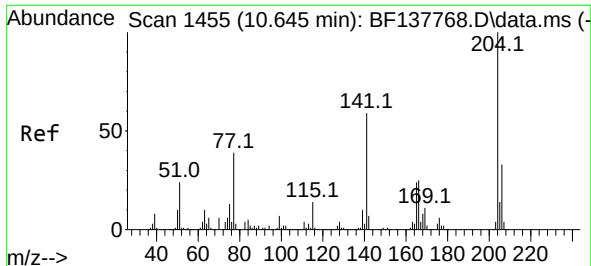
Ion Ratio Lower Upper

149 100

177 22.7 18.4 27.6

150 13.0 10.5 15.7

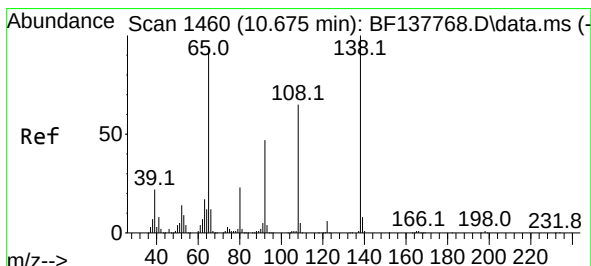
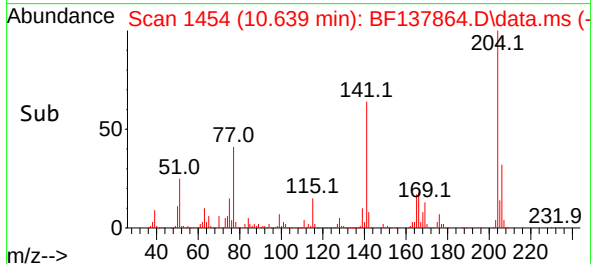
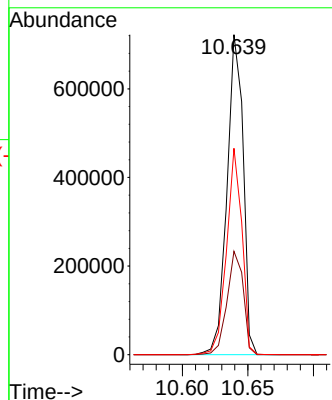
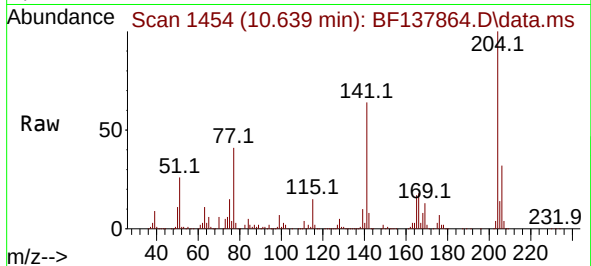




#61
4-Chlorophenyl-phenylether
Concen: 45.164 ng
RT: 10.639 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

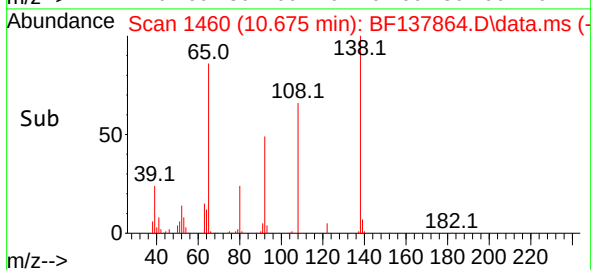
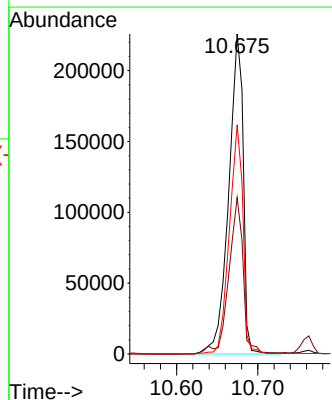
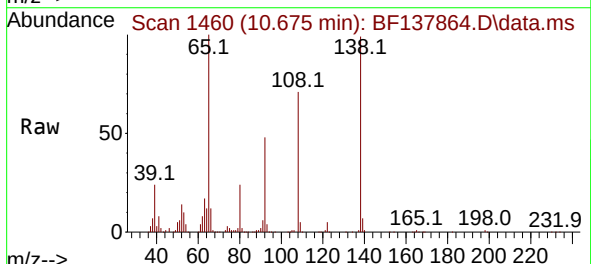
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

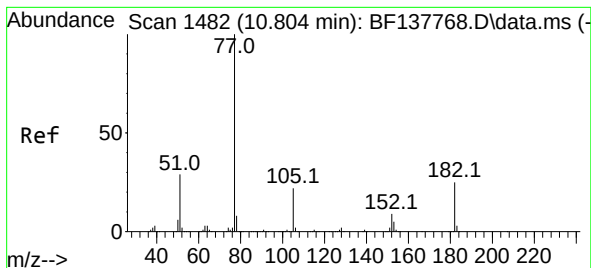
Tgt Ion:204 Resp: 618342
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 64.5 47.0 70.6



#62
4-Nitroaniline
Concen: 40.529 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:138 Resp: 280473
Ion Ratio Lower Upper
138 100
92 48.9 26.8 66.8
108 71.6 44.7 84.7





#63

Azobenzene

Concen: 44.124 ng

RT: 10.804 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

PB160815BSD

Tgt Ion: 77 Resp: 1154673

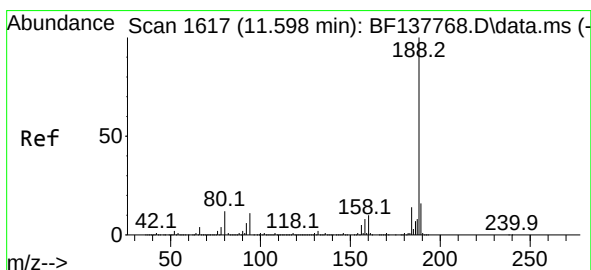
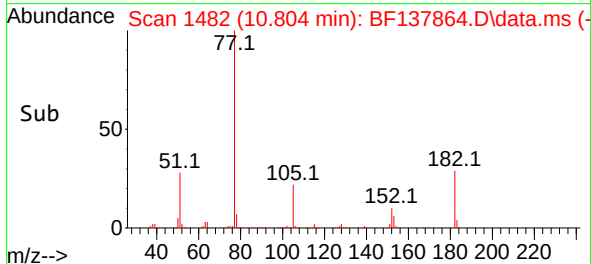
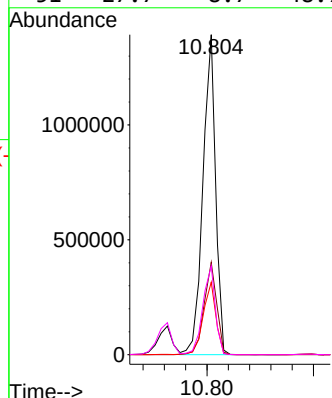
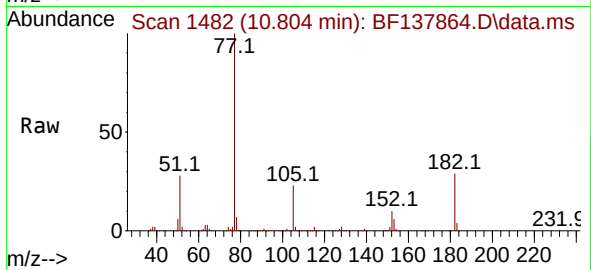
Ion Ratio Lower Upper

77 100

182 28.8 5.1 45.1

105 22.6 2.2 42.2

51 27.7 8.7 48.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1617

Delta R.T. 0.000 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

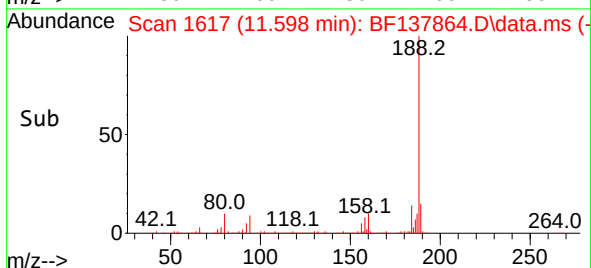
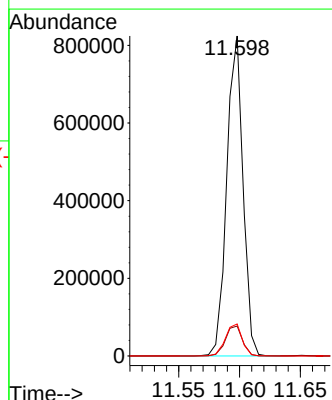
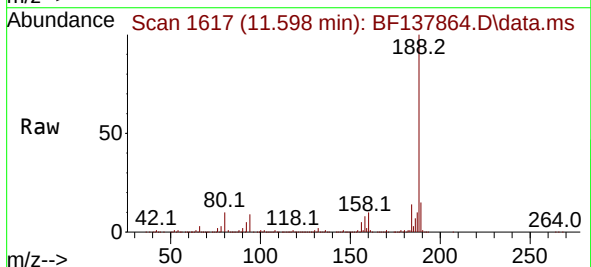
Tgt Ion: 188 Resp: 763548

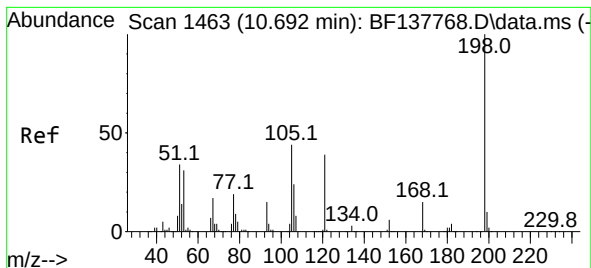
Ion Ratio Lower Upper

188 100

94 9.3 8.8 13.2

80 10.0 9.6 14.4

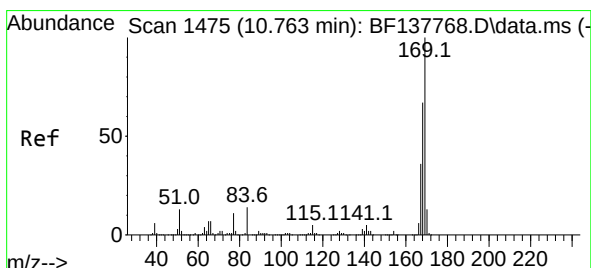
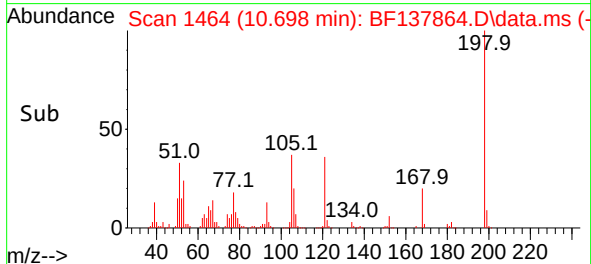
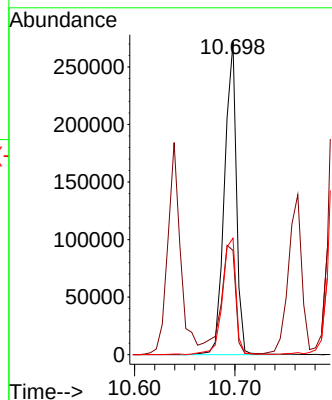
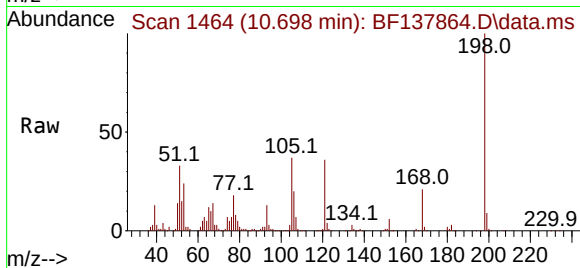




#65
4,6-Dinitro-2-methylphenol
Concen: 51.218 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

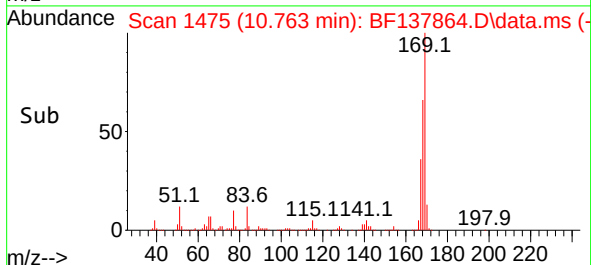
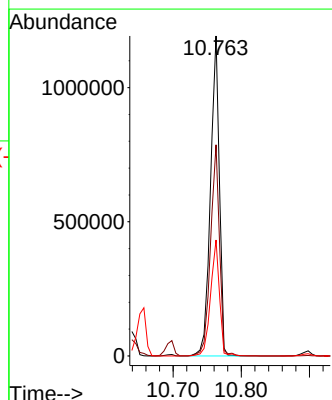
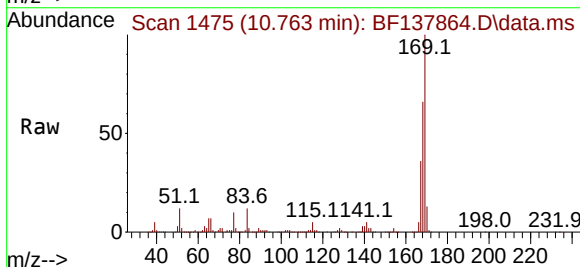
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

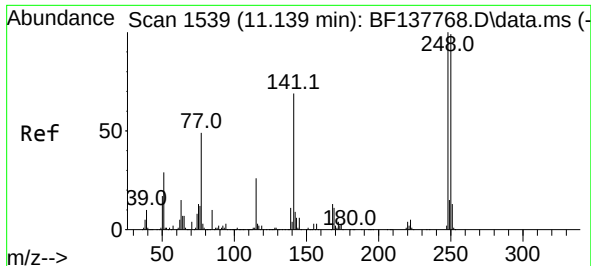
Tgt Ion:198 Resp: 224465
Ion Ratio Lower Upper
198 100
51 33.4 25.1 65.1
105 37.3 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 47.339 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:169 Resp: 1081966
Ion Ratio Lower Upper
169 100
168 66.0 53.3 79.9
167 36.3 29.2 43.8

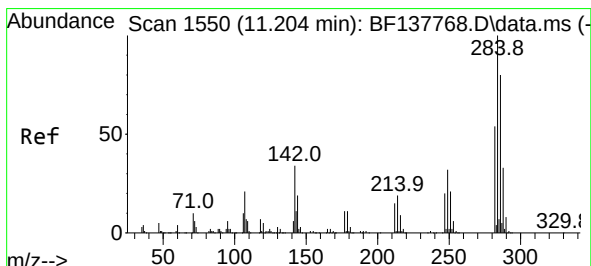
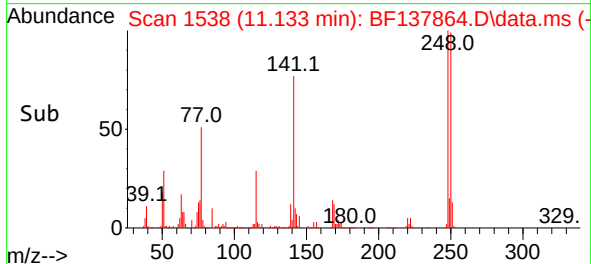
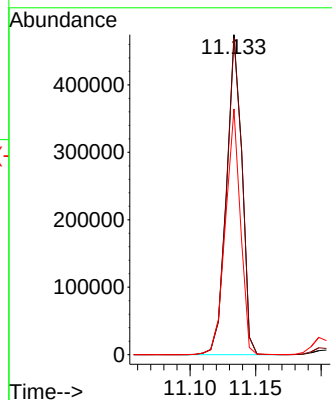
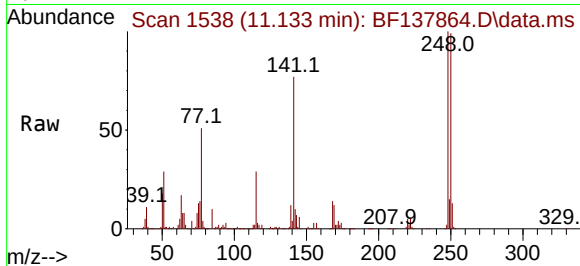




#67
4-Bromophenyl-phenylether
Concen: 47.549 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

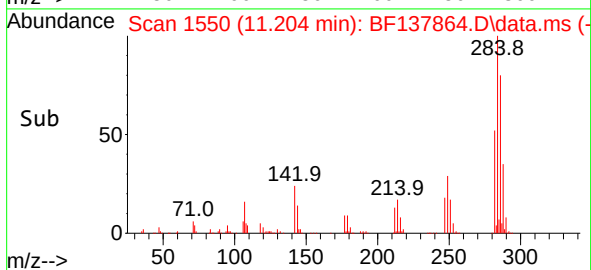
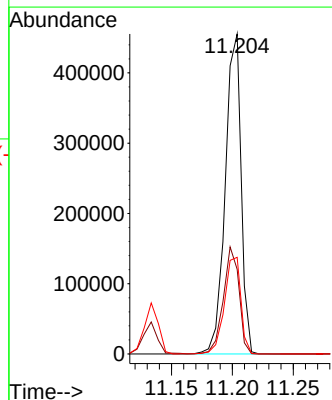
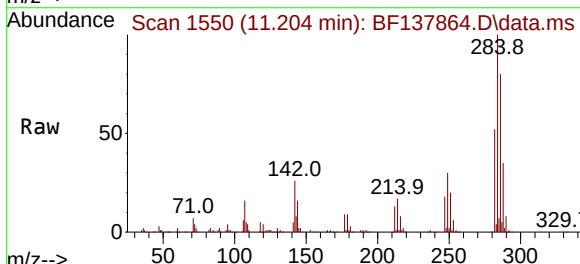
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

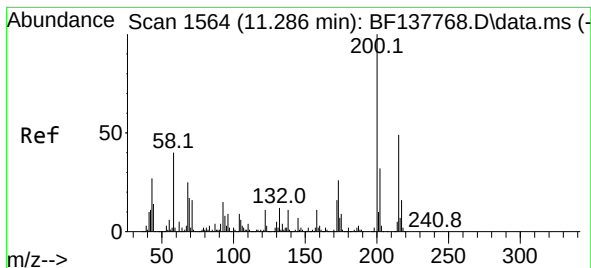
Tgt Ion:248 Resp: 388551
Ion Ratio Lower Upper
248 100
250 98.9 79.1 118.7
141 76.8 55.4 83.2



#68
Hexachlorobenzene
Concen: 46.352 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:284 Resp: 413928
Ion Ratio Lower Upper
284 100
142 26.4 27.3 40.9#
249 30.2 25.6 38.4





#69

Atrazine

Concen: 52.487 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

PB160815BSD

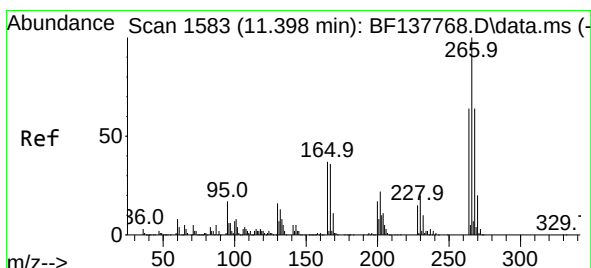
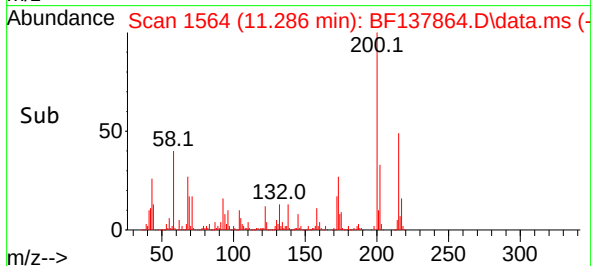
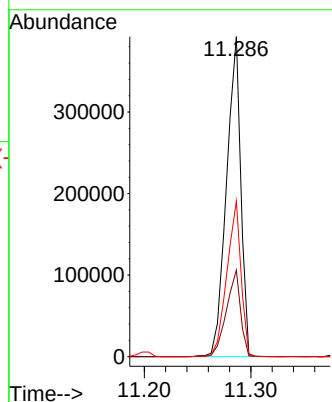
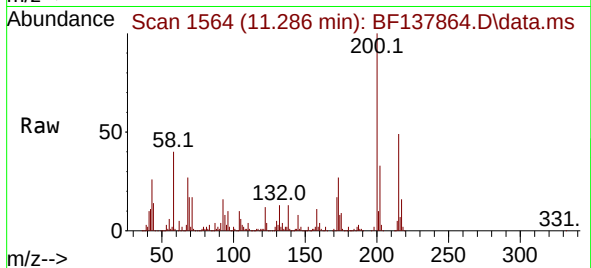
Tgt Ion:200 Resp: 365781

Ion Ratio Lower Upper

200 100

173 27.0 5.9 45.9

215 48.6 28.8 68.8



#70

Pentachlorophenol

Concen: 82.071 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

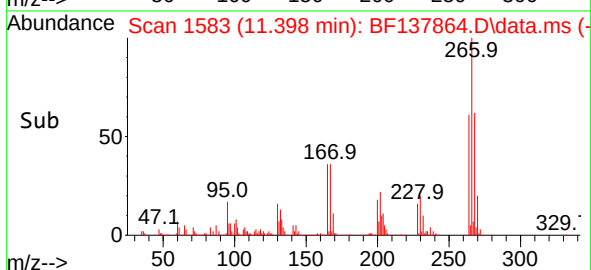
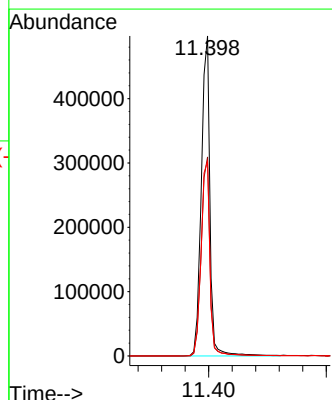
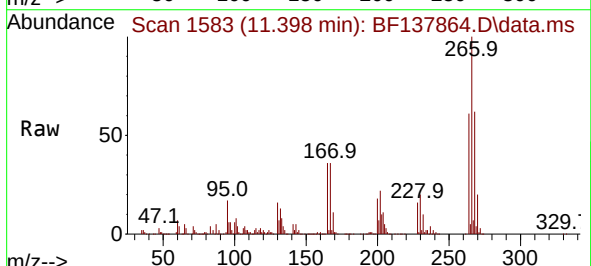
Tgt Ion:266 Resp: 503162

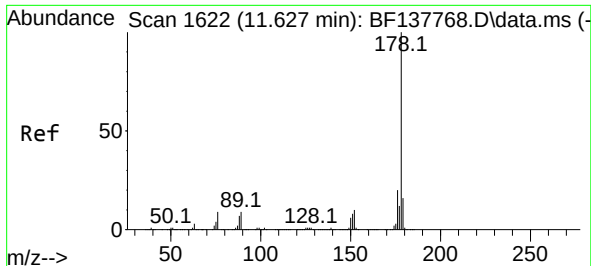
Ion Ratio Lower Upper

266 100

268 62.2 51.3 76.9

264 60.9 51.0 76.4

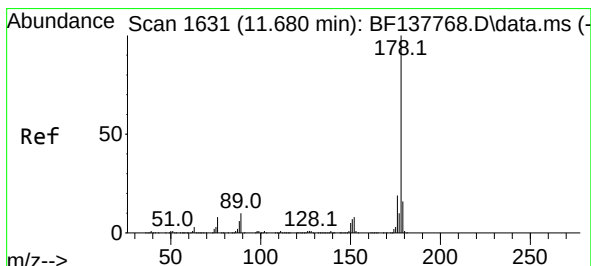
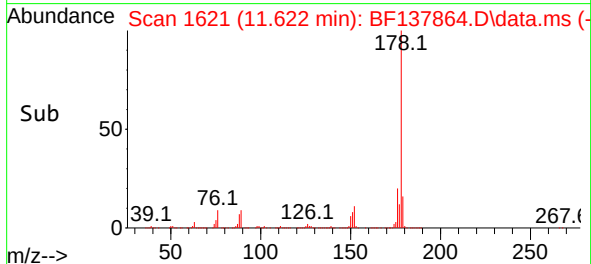
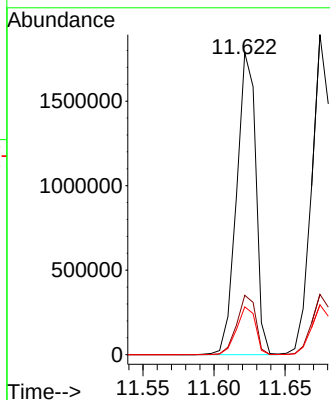
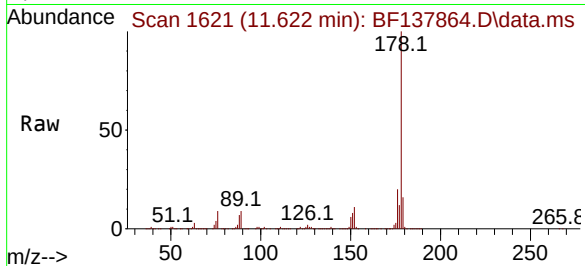




#71
Phenanthrene
Concen: 45.225 ng
RT: 11.622 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

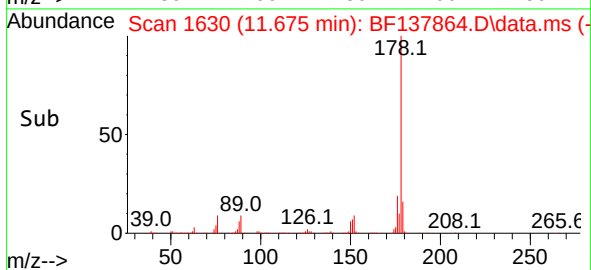
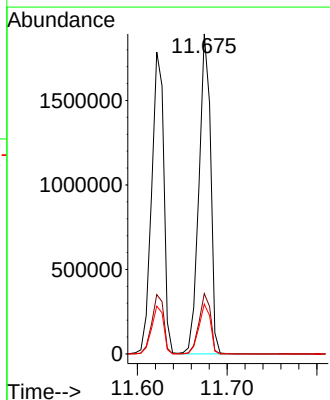
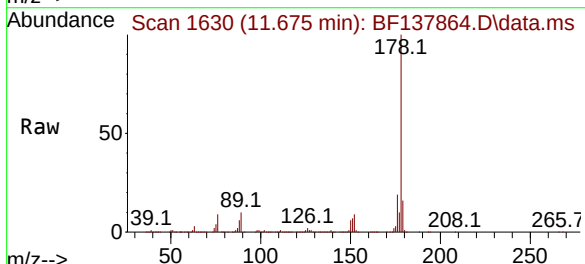
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

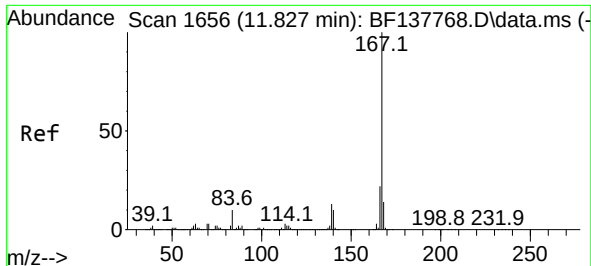
Tgt Ion:178 Resp: 1683120
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.8 12.5 18.7



#72
Anthracene
Concen: 46.038 ng
RT: 11.675 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:178 Resp: 1704782
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.6 12.6 18.8

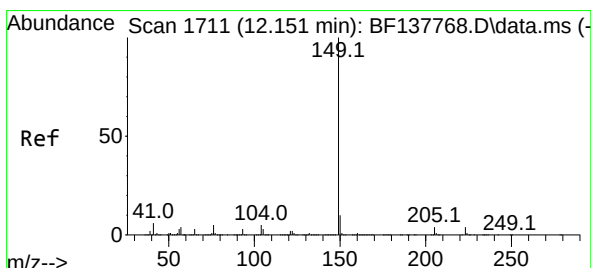
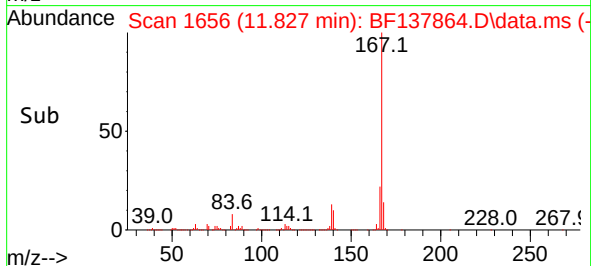
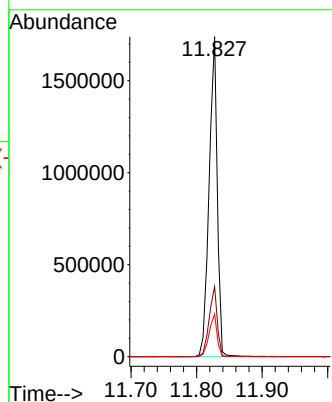
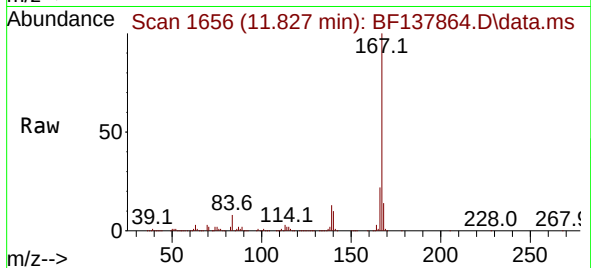




#73
 Carbazole
 Concen: 42.454 ng
 RT: 11.827 min Scan# 1656
 Delta R.T. 0.000 min
 Lab File: BF137864.D
 Acq: 09 May 2024 15:14

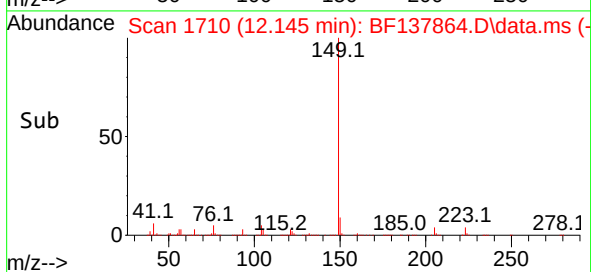
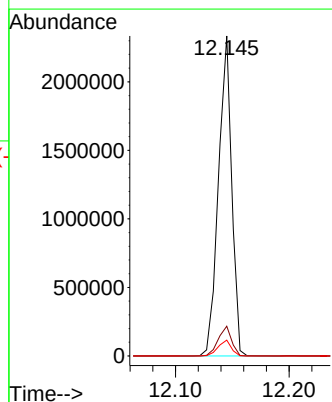
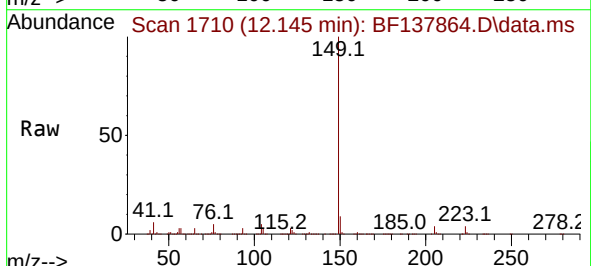
Instrument :
 BNA_F
 ClientSampleId :
 PB160815BSD

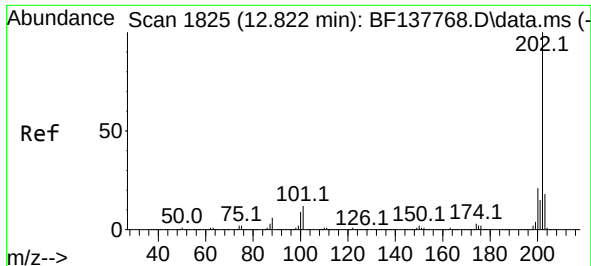
Tgt Ion:167 Resp: 1515077
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 48.764 ng
 RT: 12.145 min Scan# 1710
 Delta R.T. -0.006 min
 Lab File: BF137864.D
 Acq: 09 May 2024 15:14

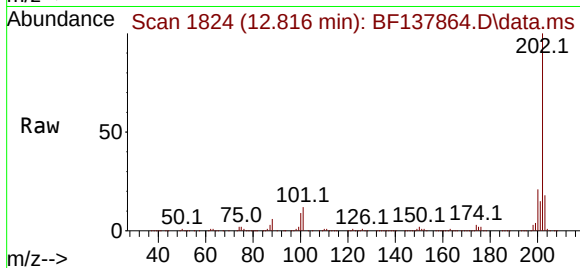
Tgt Ion:149 Resp: 1898371
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.0 3.8 5.8



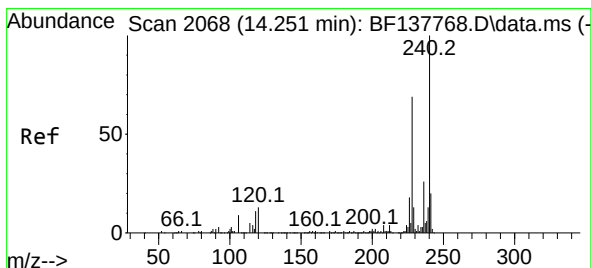
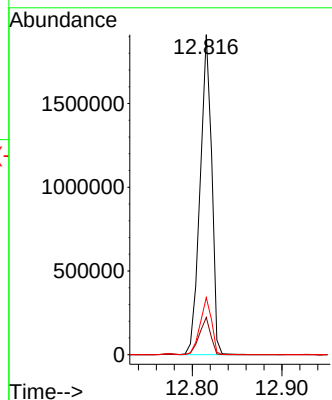
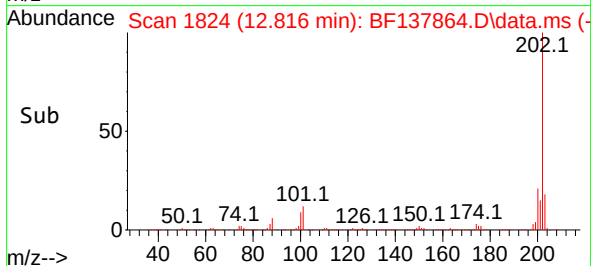


#75
Fluoranthene
Concen: 41.993 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Instrument :
BNA_F
ClientSampleId :
PB160815BSD

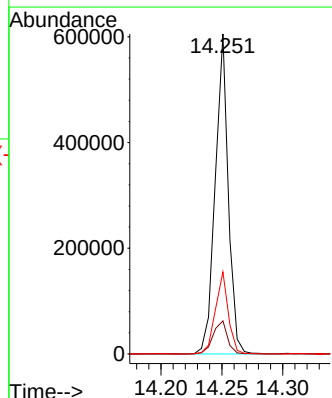
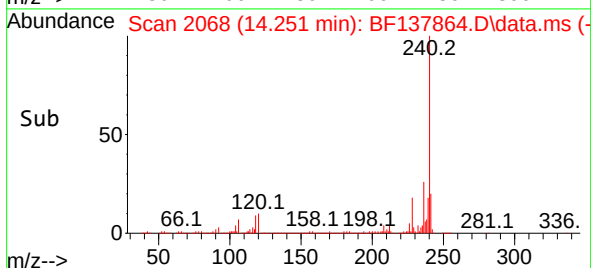
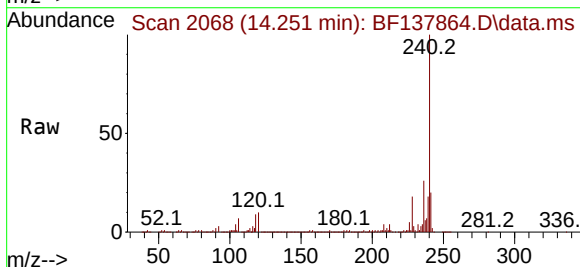


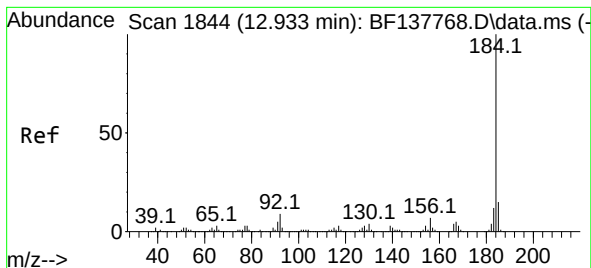
Tgt Ion:202 Resp: 1708338
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.8
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:240 Resp: 453800
Ion Ratio Lower Upper
240 100
120 10.3 10.4 15.6#
236 25.7 20.4 30.6





#77

Benzidine

Concen: 20.521 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

PB160815BSD

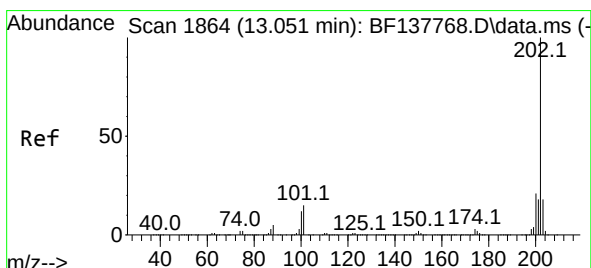
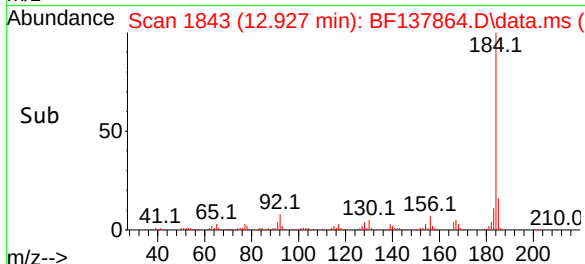
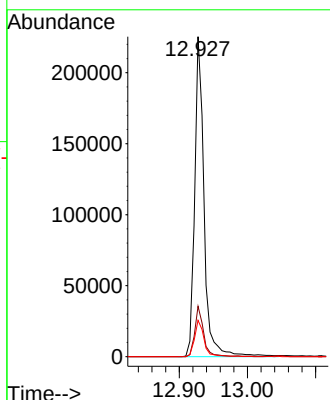
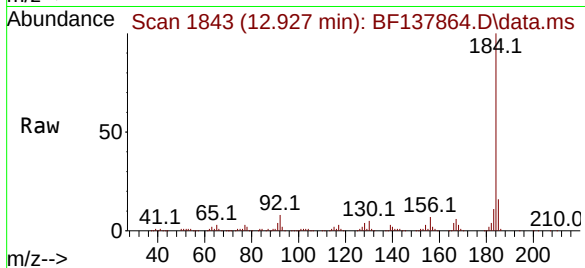
Tgt Ion:184 Resp: 215374

Ion Ratio Lower Upper

184 100

185 15.7 12.3 18.5

183 11.4 9.2 13.8



#78

Pyrene

Concen: 48.099 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

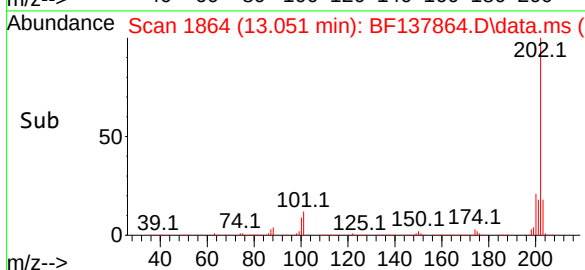
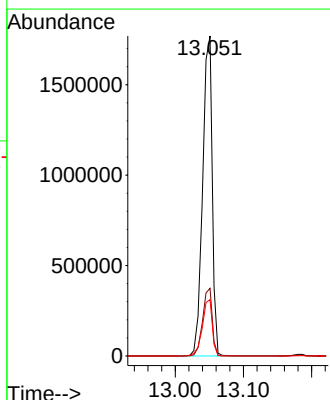
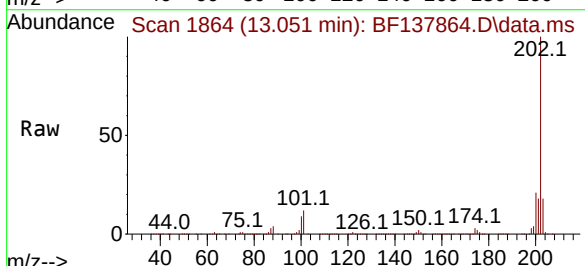
Tgt Ion:202 Resp: 1730650

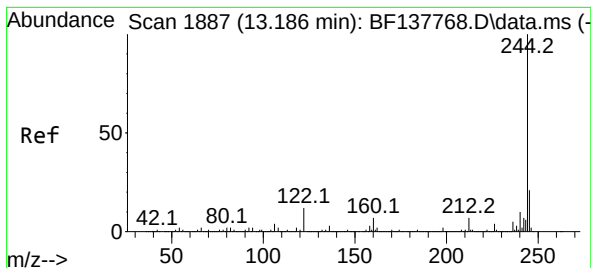
Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 96.375 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

PB160815BSD

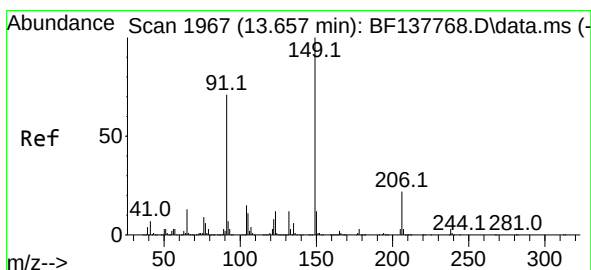
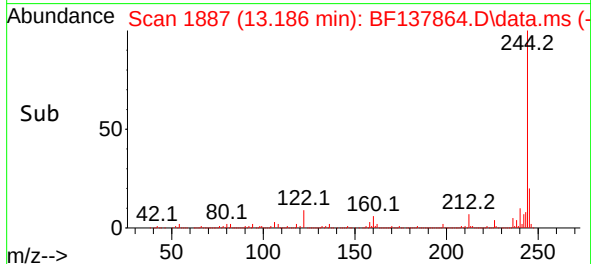
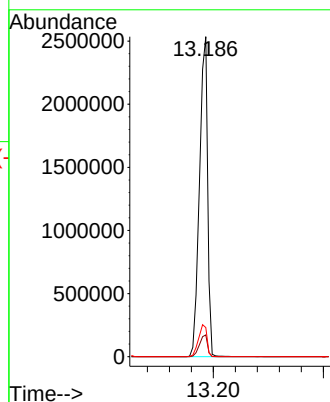
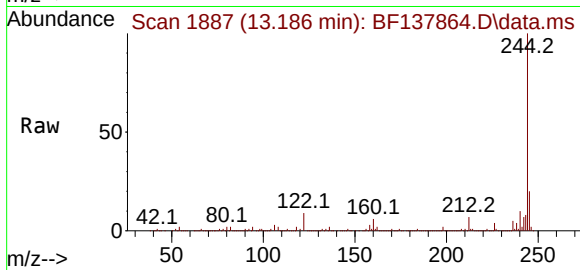
Tgt Ion:244 Resp: 2609698

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 9.1 9.4 14.2#



#80

Butylbenzylphthalate

Concen: 60.581 ng

RT: 13.651 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

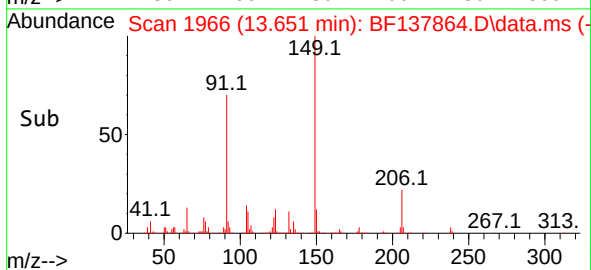
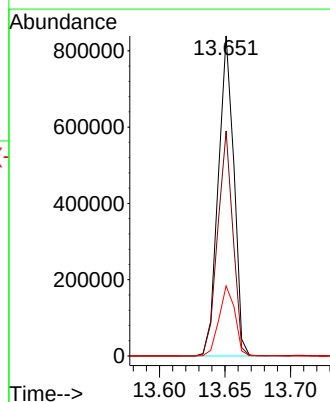
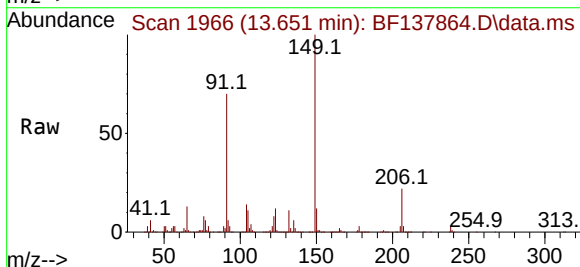
Tgt Ion:149 Resp: 691599

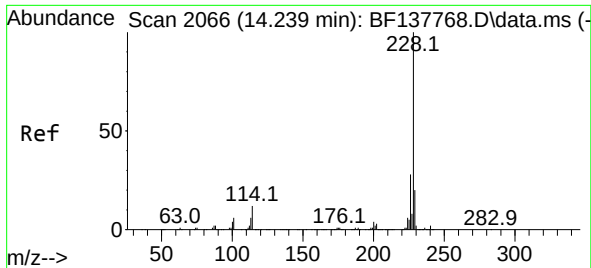
Ion Ratio Lower Upper

149 100

91 70.3 56.8 85.2

206 21.9 17.8 26.8

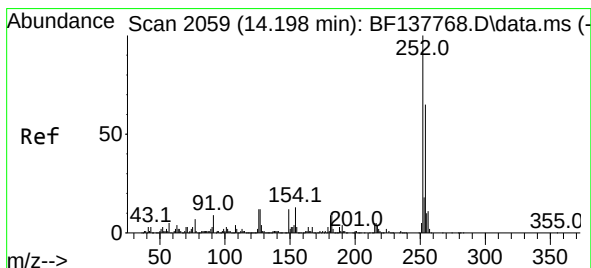
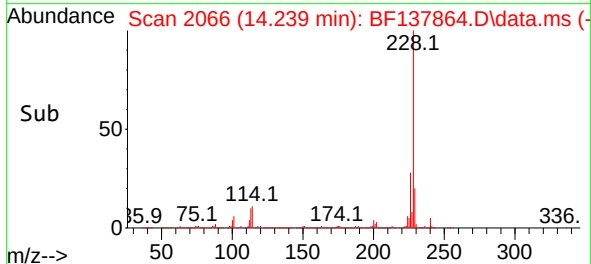
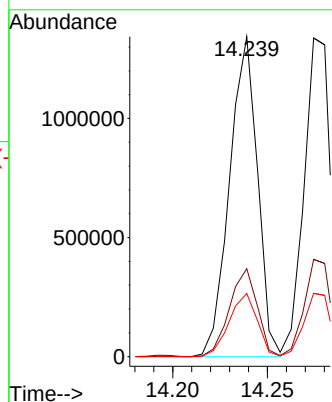
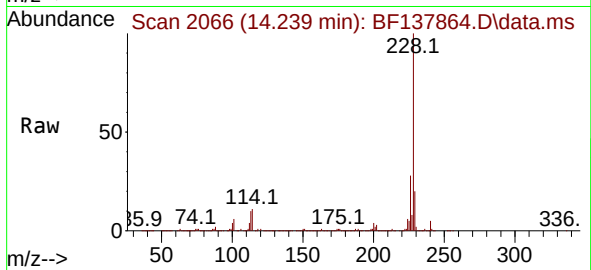




#81
Benzo(a)anthracene
Concen: 47.477 ng
RT: 14.239 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

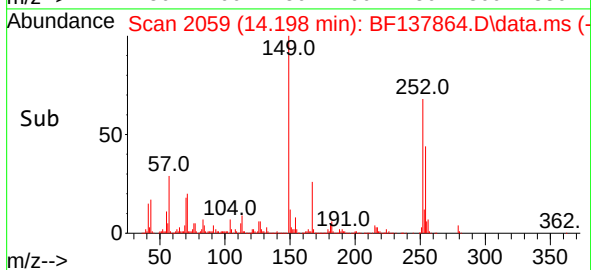
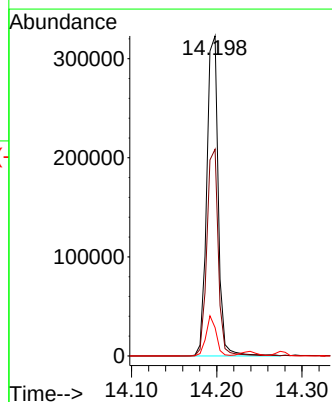
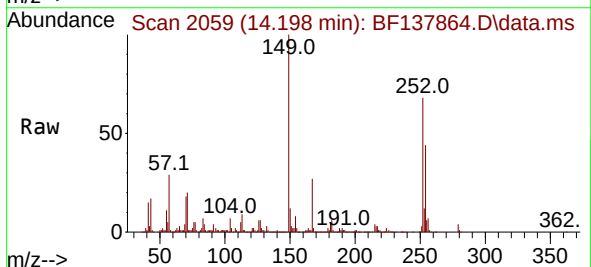
Instrument :
BNA_F
ClientSampleId :
PB160815BSD

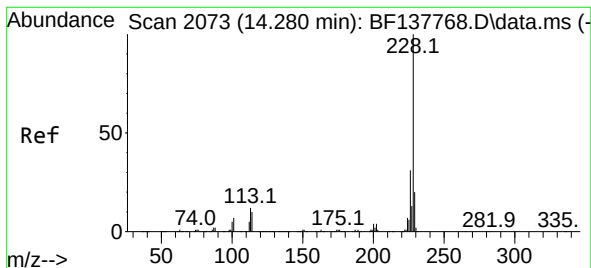
Tgt Ion:228 Resp: 1378004
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 19.7 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 34.665 ng
RT: 14.198 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BF137864.D
Acq: 09 May 2024 15:14

Tgt Ion:252 Resp: 301204
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 8.9 9.7 14.5





#83

Chrysene

Concen: 47.192 ng

RT: 14.274 min Scan# 2073

Delta R.T. -0.006 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

PB160815BSD

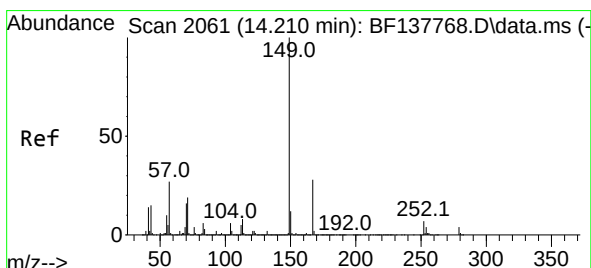
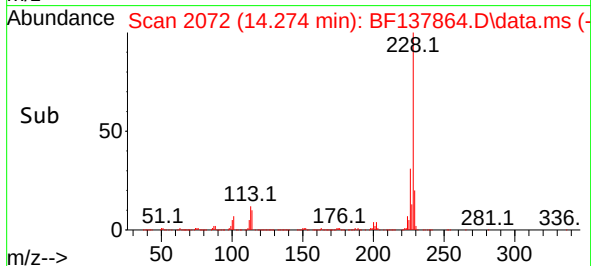
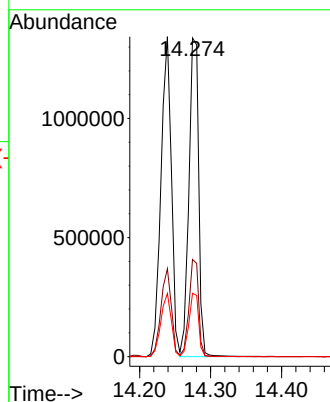
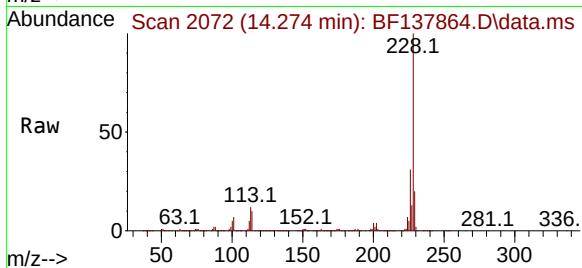
Tgt Ion:228 Resp: 1282522

Ion Ratio Lower Upper

228 100

226 30.5 24.8 37.2

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.958 ng

RT: 14.204 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

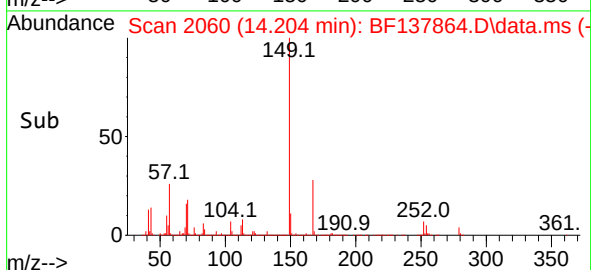
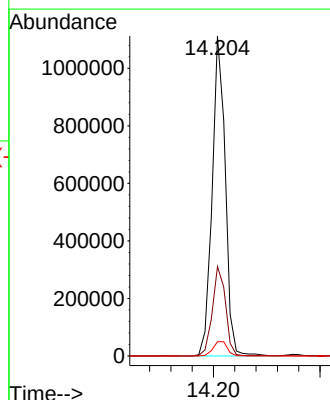
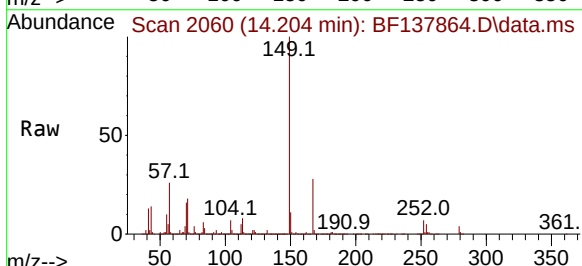
Tgt Ion:149 Resp: 948971

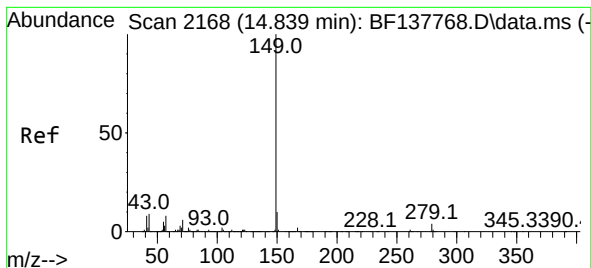
Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 69.758 ng

RT: 14.833 min Scan# 2168

Delta R.T. -0.006 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

PB160815BSD

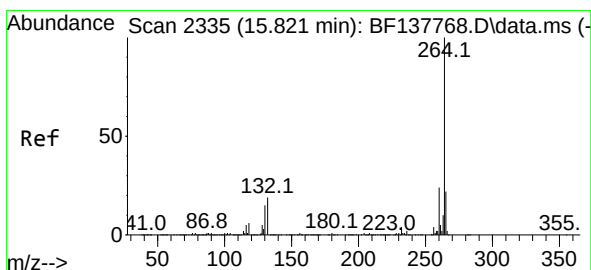
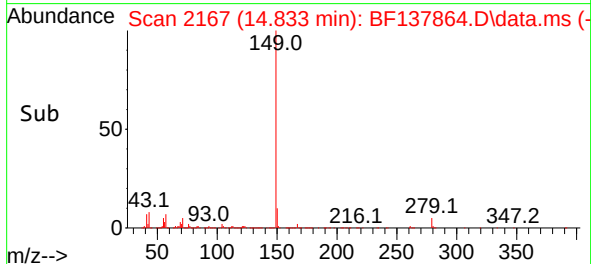
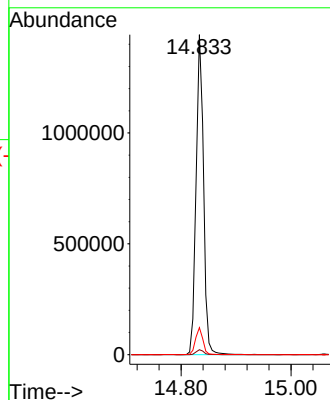
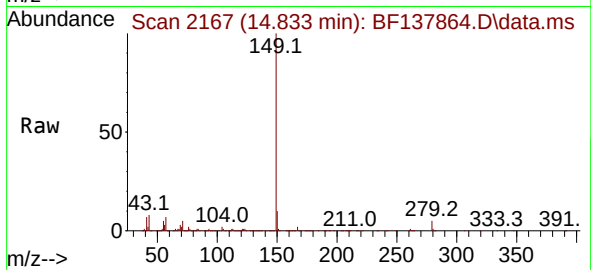
Tgt Ion:149 Resp: 1350722

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.3 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.815 min Scan# 2334

Delta R.T. -0.006 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

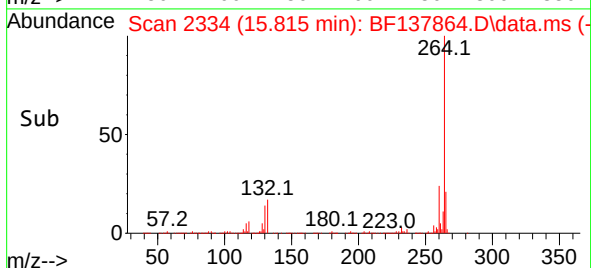
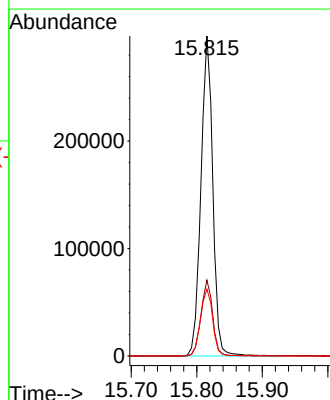
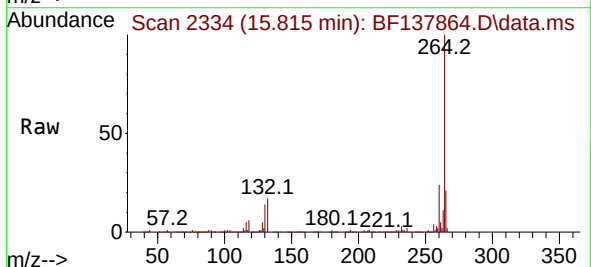
Tgt Ion:264 Resp: 374442

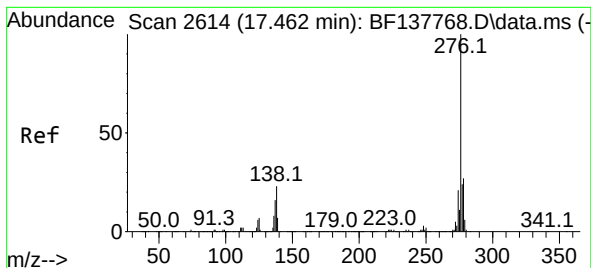
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 20.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.446 ng

RT: 17.456 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

PB160815BSD

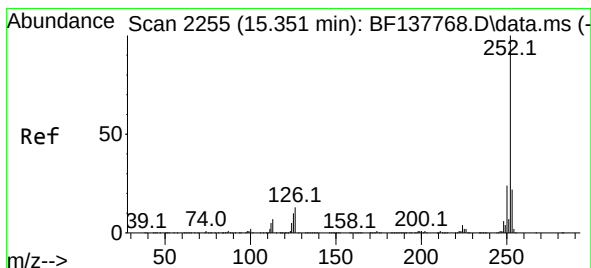
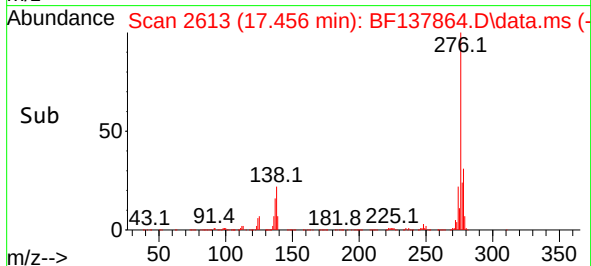
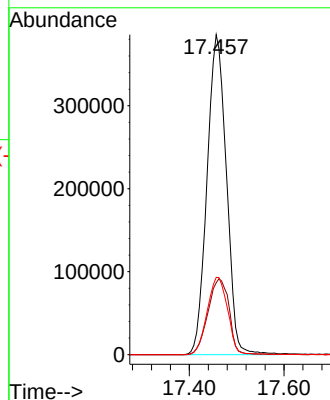
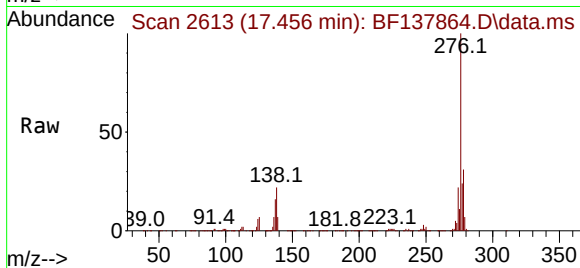
Tgt Ion:276 Resp: 1095188

Ion Ratio Lower Upper

276 100

138 25.8 21.4 32.0

277 25.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 48.372 ng

RT: 15.345 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

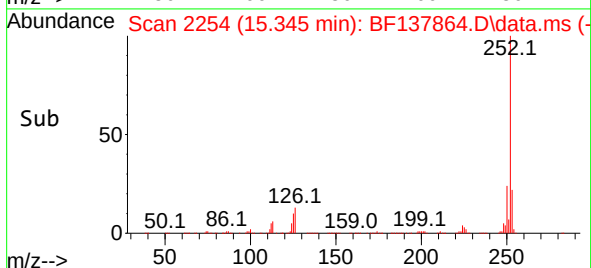
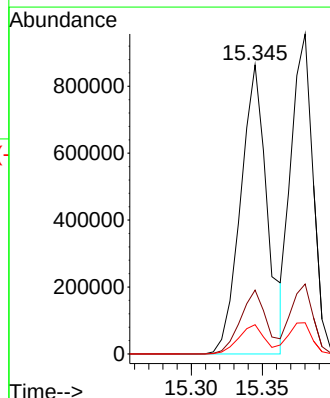
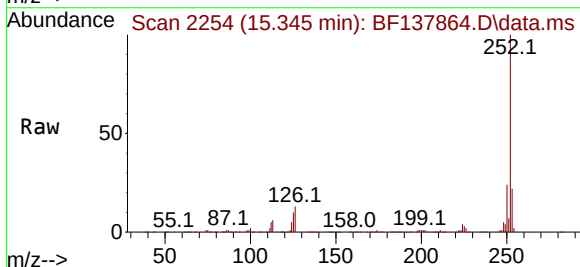
Tgt Ion:252 Resp: 1126900

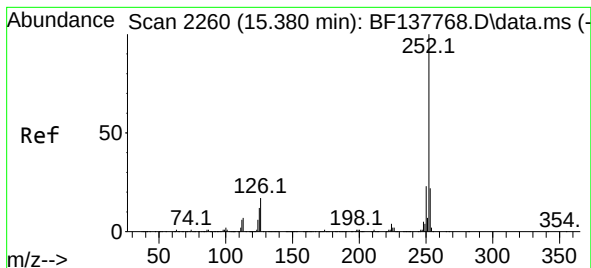
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 46.033 ng

RT: 15.380 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

Instrument :

BNA_F

ClientSampleId :

PB160815BSD

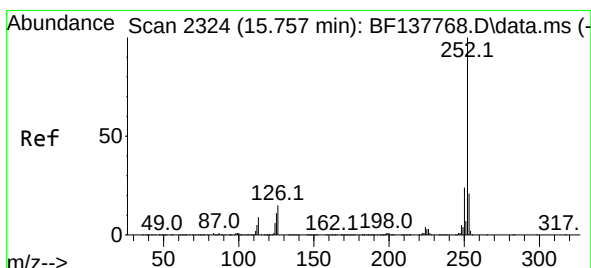
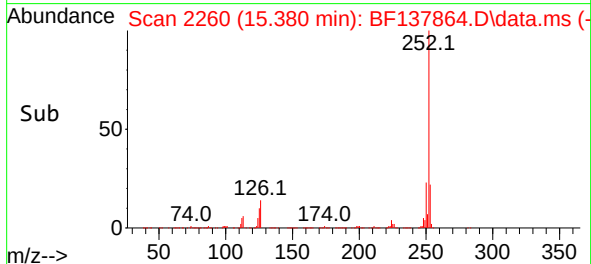
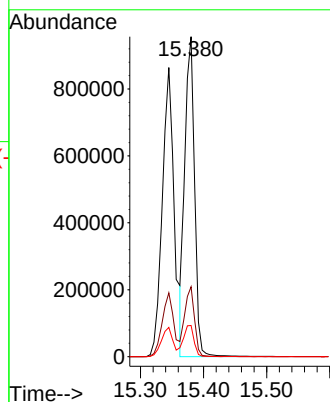
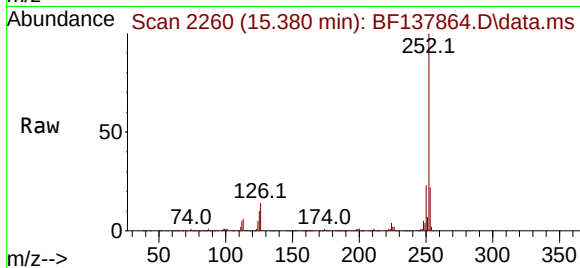
Tgt Ion:252 Resp: 1036541

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.8 9.0 13.4



#90

Benzo(a)pyrene

Concen: 50.275 ng

RT: 15.751 min Scan# 2323

Delta R.T. -0.006 min

Lab File: BF137864.D

Acq: 09 May 2024 15:14

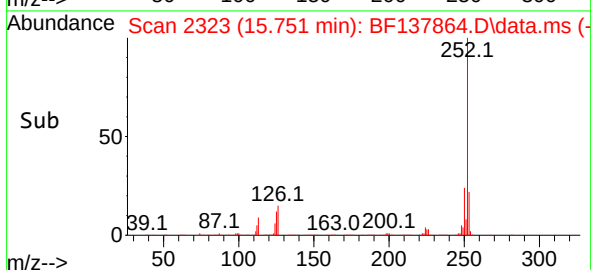
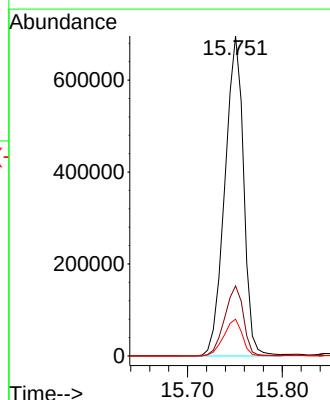
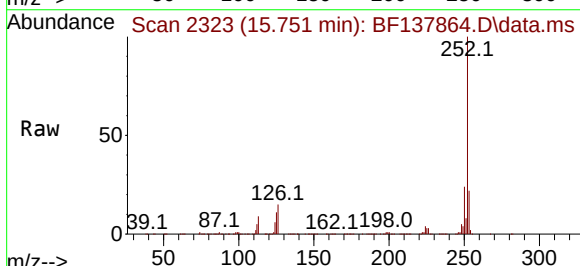
Tgt Ion:252 Resp: 955528

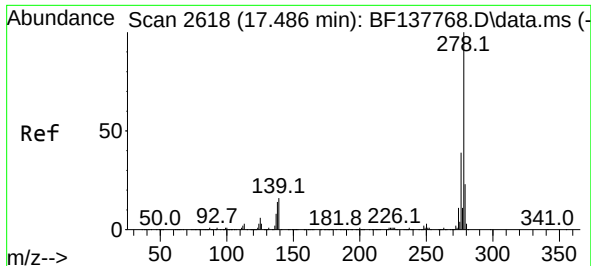
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 11.5 9.0 13.6

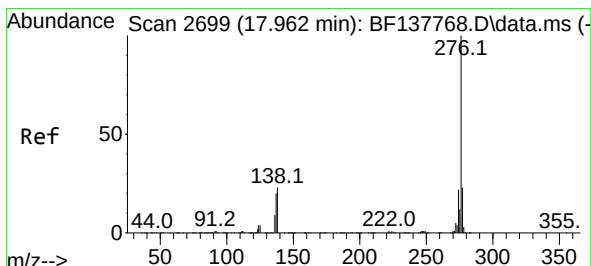
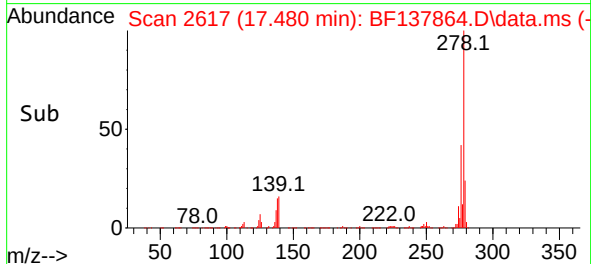
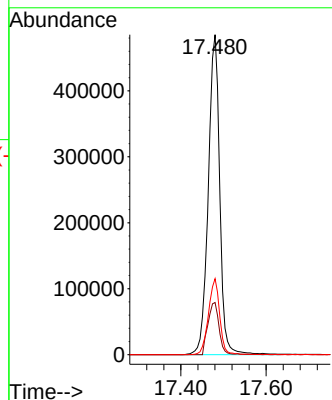
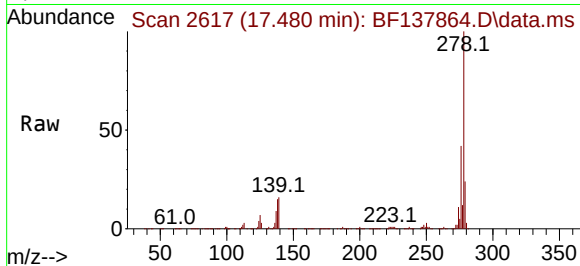




#91
 Dibenzo(a,h)anthracene
 Concen: 52.378 ng
 RT: 17.480 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF137864.D
 Acq: 09 May 2024 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB160815BSD

Tgt Ion:278 Resp: 907598
 Ion Ratio Lower Upper
 278 100
 139 16.3 13.0 19.6
 279 23.7 18.7 28.1



#92
 Benzo(g,h,i)perylene
 Concen: 45.975 ng
 RT: 17.962 min Scan# 2699
 Delta R.T. 0.000 min
 Lab File: BF137864.D
 Acq: 09 May 2024 15:14

Tgt Ion:276 Resp: 835148
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.0 27.0
 138 22.0 18.1 27.1

