

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124255.D
 Acq On : 11 Jun 2021 3:21
 Operator : JU/CG
 Sample : M2644-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1846-75-76

Quant Time: Jun 11 06:10:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

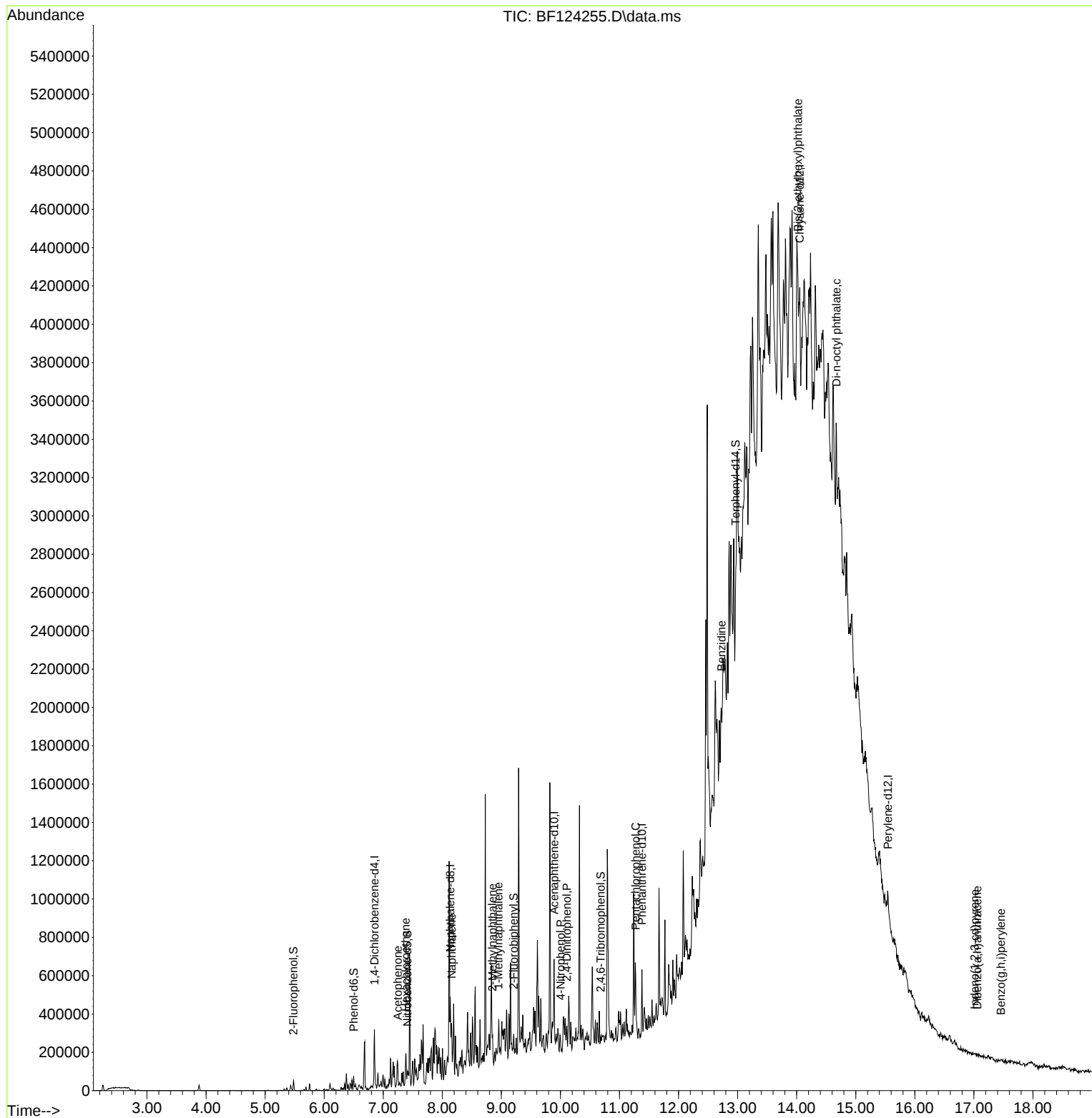
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	35261	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	127636	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	66725	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	91079	20.00	ng	0.00
76) Chrysene-d12	14.051	240	86303	20.00	ng	0.03
86) Perylene-d12	15.545	264	43389	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	14425	6.16	ng	0.00
7) Phenol-d6	6.498	99	17480	5.55	ng	0.00
23) Nitrobenzene-d5	7.410	82	17164	5.33	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	4063	4.30	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	25388	4.79	ng	0.00
79) Terphenyl-d14	12.969	244	22977	3.66	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.381	117	5886	4.89	ng	# 1
22) Acetophenone	7.245	105	14681	4.03	ng	# 53
31) Naphthalene	8.157	128	43808	5.74	ng	# 95
37) 2-Methylnaphthalene	8.851	142	25784	4.82	ng	99
38) 1-Methylnaphthalene	8.951	142	14130	2.83	ng	96
54) 2,4-Dinitrophenol	10.110	184	126	3.70	ng	# 1
56) 4-Nitrophenol	10.004	139	2225	2.63	ng	# 9
70) Pentachlorophenol	11.275	266	127	4.82	ng	# 18
77) Benzidine	12.727	184	597	4.33	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.021	149	34994	8.75	ng	# 79
85) Di-n-octyl phthalate	14.674	149	47123	8.83	ng	# 53
87) Indeno(1,2,3-cd)pyrene	17.015	276	238	4.40	ng	# 1
91) Dibenzo(a,h)anthracene	17.057	278	335	4.27	ng	# 1
92) Benzo(g,h,i)perylene	17.456	276	531	3.97	ng	# 1

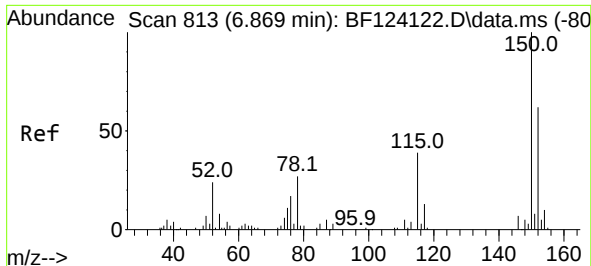
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124255.D
Acq On : 11 Jun 2021 3:21
Operator : JU/CG
Sample : M2644-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1846-75-76

Quant Time: Jun 11 06:10:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
Response via : Initial Calibration

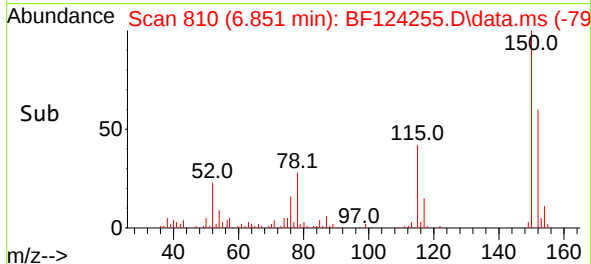
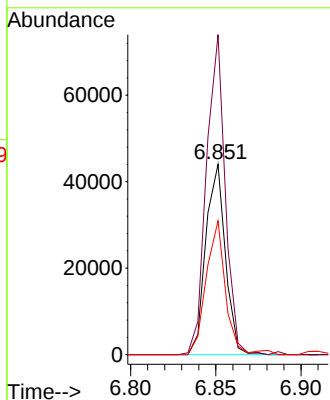
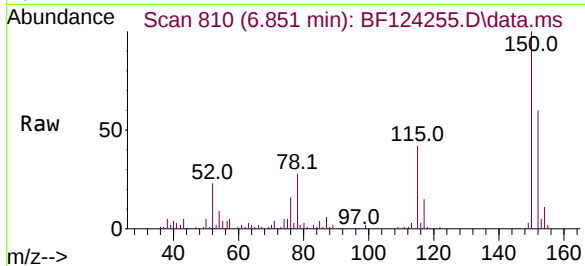




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

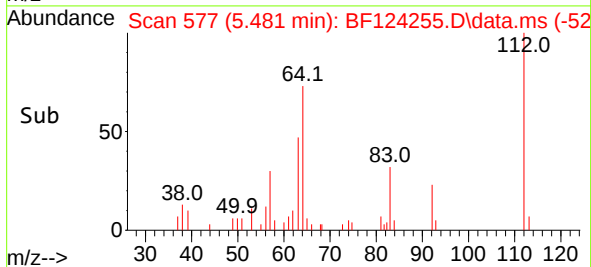
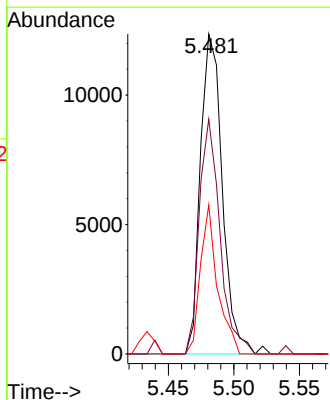
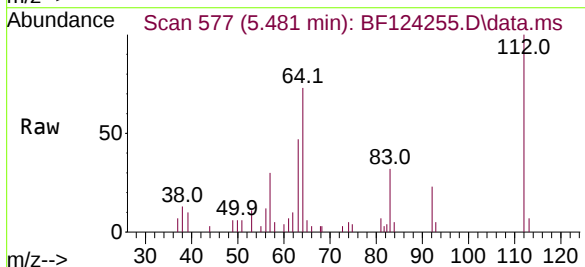
Instrument :
BNA_F
ClientSampleId :
1846-75-76

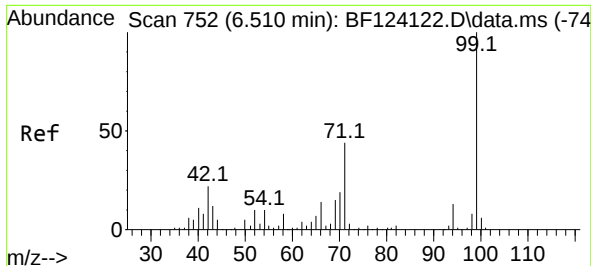
Tgt Ion:152 Resp: 35261
Ion Ratio Lower Upper
152 100
150 168.1 127.0 190.6
115 70.3 54.3 81.5



#5
2-Fluorophenol
Concen: 6.16 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

Tgt Ion:112 Resp: 14425
Ion Ratio Lower Upper
112 100
64 73.4 61.4 92.0
63 46.6 33.0 49.4

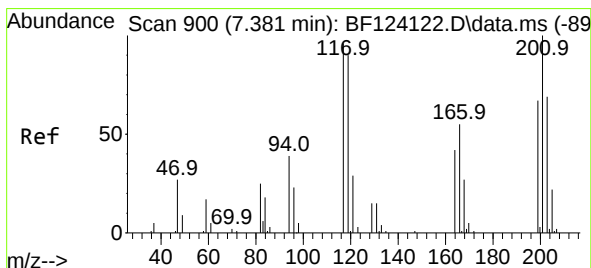
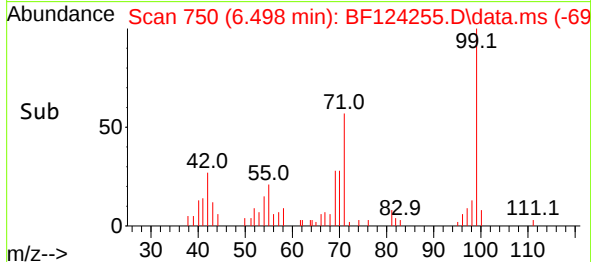
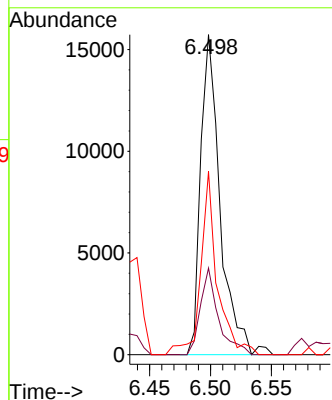
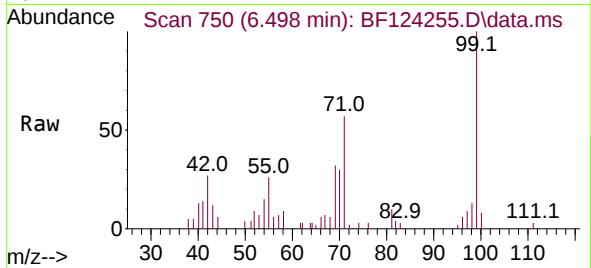




#7
Phenol-d6
Concen: 5.55 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

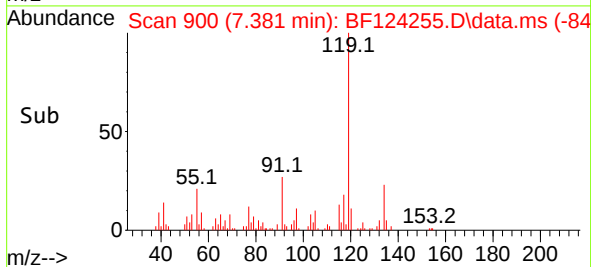
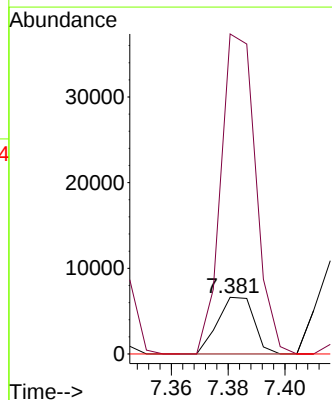
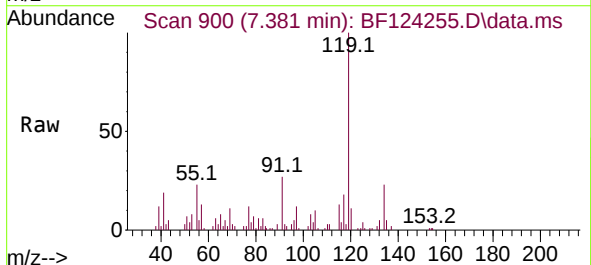
Instrument :
BNA_F
ClientSampleId :
1846-75-76

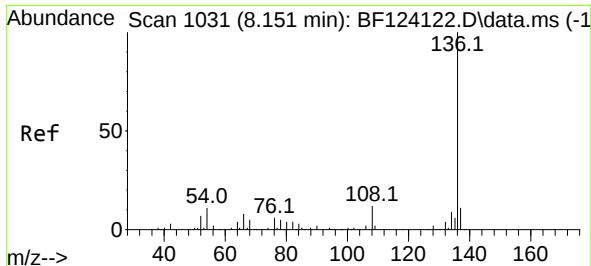
Tgt Ion: 99 Resp: 17480
Ion Ratio Lower Upper
99 100
42 27.1 19.8 29.8
71 57.2 31.1 46.7#



#18
Hexachloroethane
Concen: 4.89 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.018 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

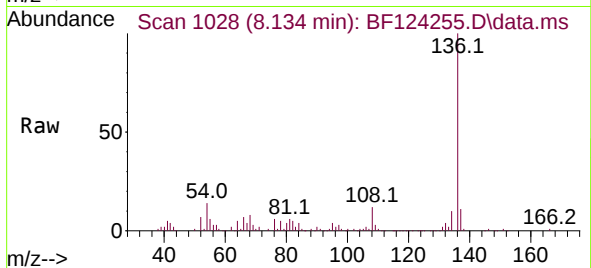
Tgt Ion: 117 Resp: 5886
Ion Ratio Lower Upper
117 100
119 565.6 77.8 116.8#
201 0.0 67.8 101.8#



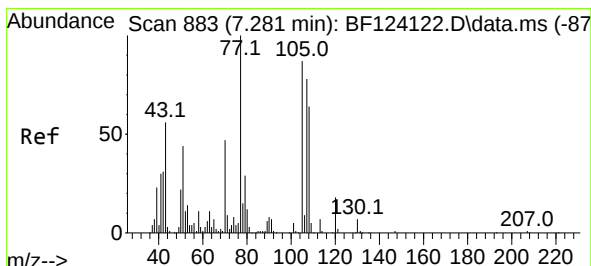
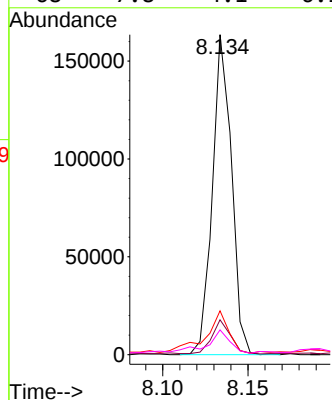
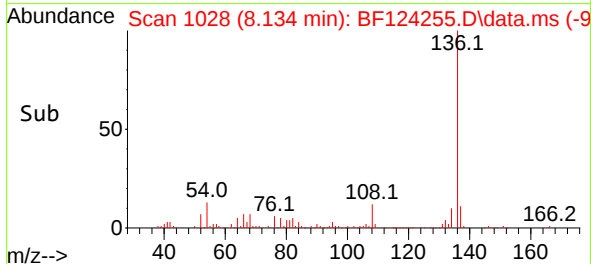


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

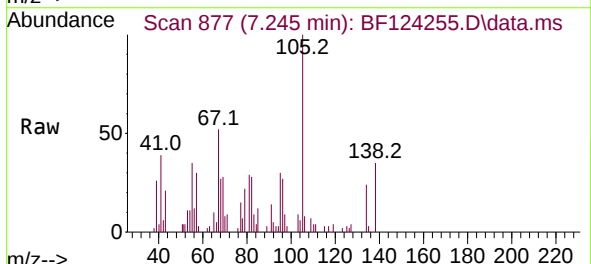
Instrument :
BNA_F
ClientSampleId :
1846-75-76



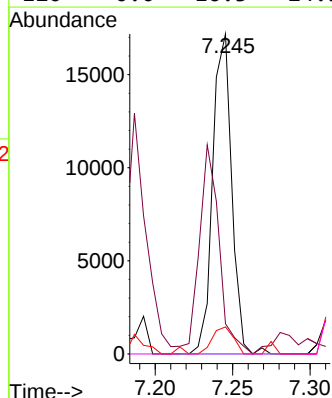
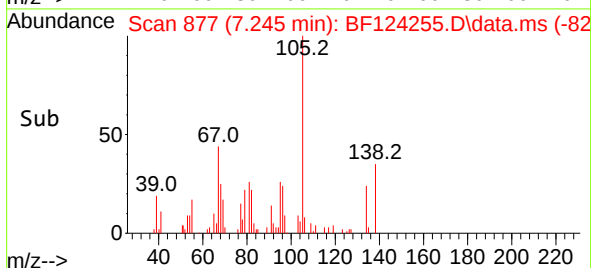
Tgt Ion:136 Resp: 127636
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 13.7 9.8 14.6
68 7.8 4.1 6.1#

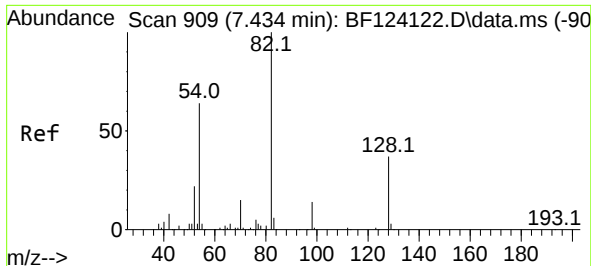


#22
Acetophenone
Concen: 4.03 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.017 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21



Tgt Ion:105 Resp: 14681
Ion Ratio Lower Upper
105 100
71 9.5 4.2 6.4#
51 8.4 33.6 50.4#
120 0.0 16.3 24.5#





#23

Nitrobenzene-d5

Concen: 5.33 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF124255.D

Acq: 11 Jun 2021 3:21

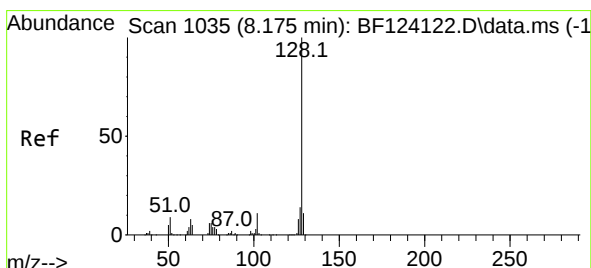
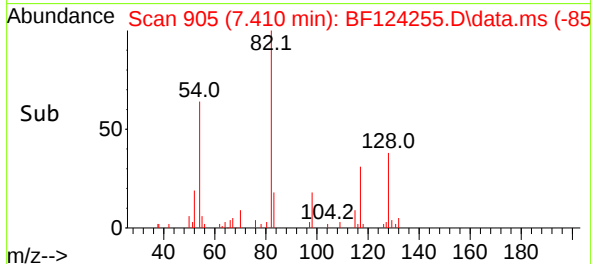
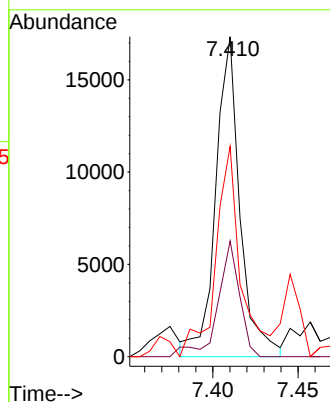
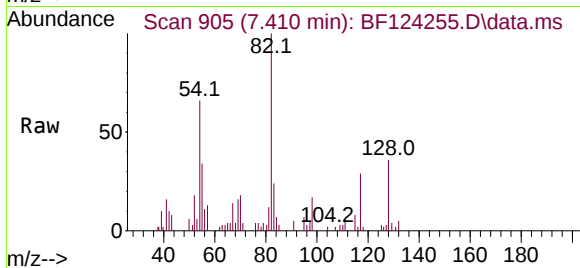
Instrument :

BNA_F

ClientSampleId :

1846-75-76

Tgt Ion:	82	Resp:	17164
Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.4	44.2
54	65.7	54.1	81.1



#31

Naphthalene

Concen: 5.74 ng

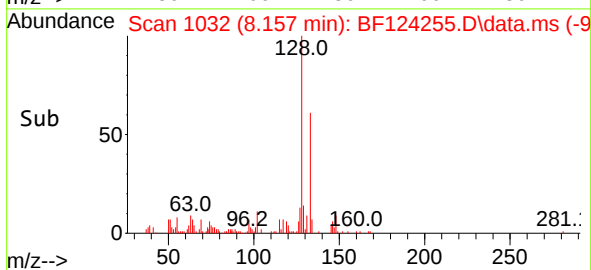
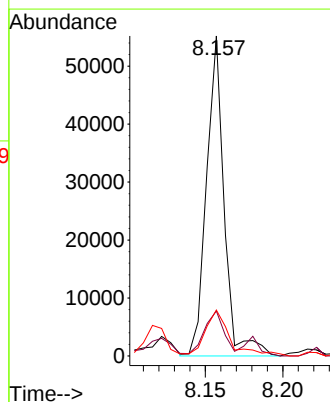
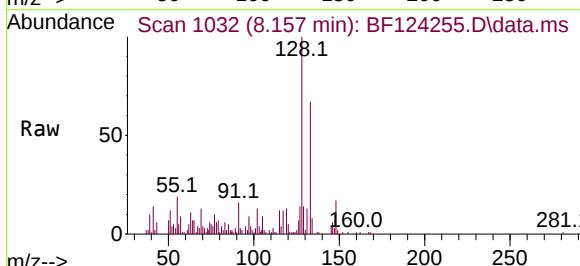
RT: 8.157 min Scan# 1032

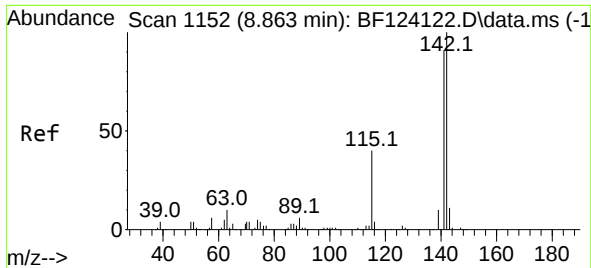
Delta R.T. 0.000 min

Lab File: BF124255.D

Acq: 11 Jun 2021 3:21

Tgt Ion:	128	Resp:	43808
Ion	Ratio	Lower	Upper
128	100		
129	14.0	8.9	13.3#
127	14.3	10.8	16.2

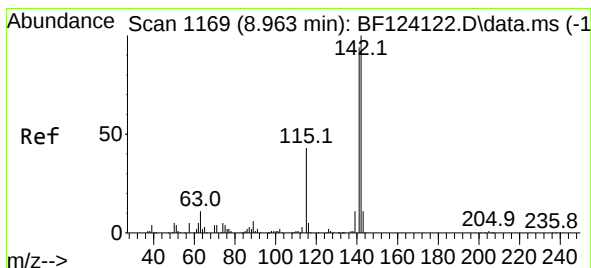
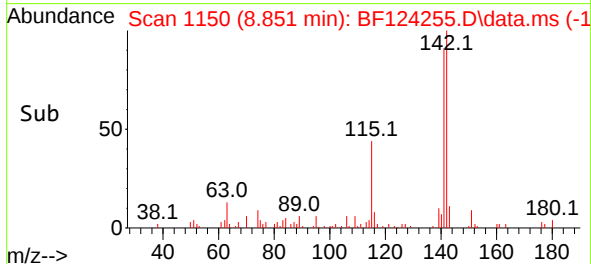
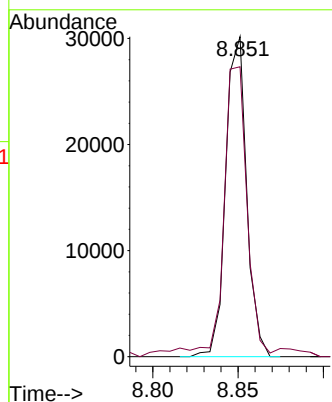
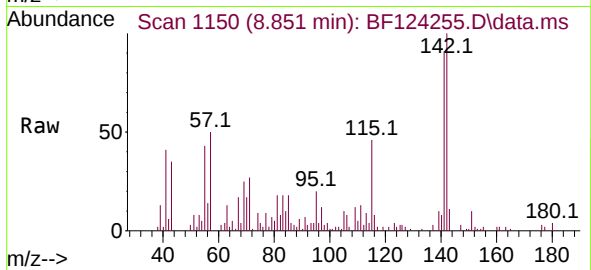




#37
2-Methylnaphthalene
Concen: 4.82 ng
RT: 8.851 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

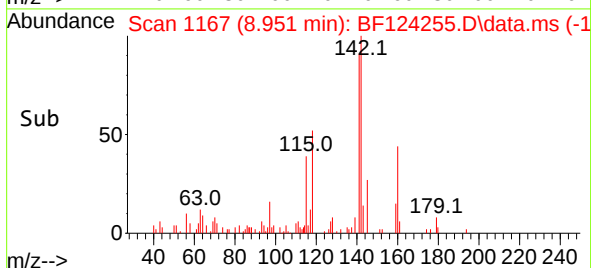
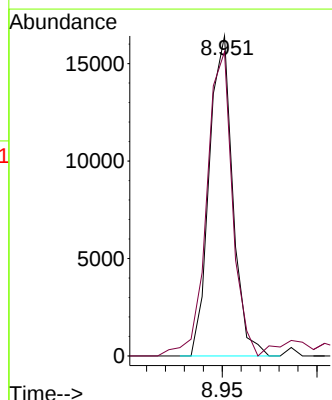
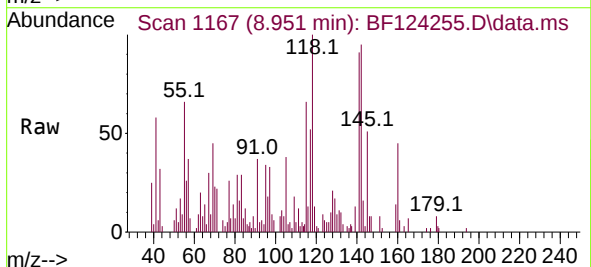
Instrument :
BNA_F
ClientSampleId :
1846-75-76

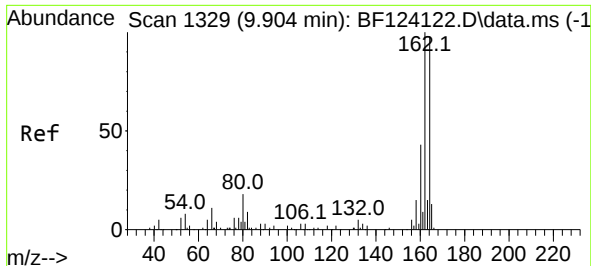
Tgt Ion:142 Resp: 25784
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.6



#38
1-Methylnaphthalene
Concen: 2.83 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

Tgt Ion:142 Resp: 14130
Ion Ratio Lower Upper
142 100
141 95.0 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF124255.D

Acq: 11 Jun 2021 3:21

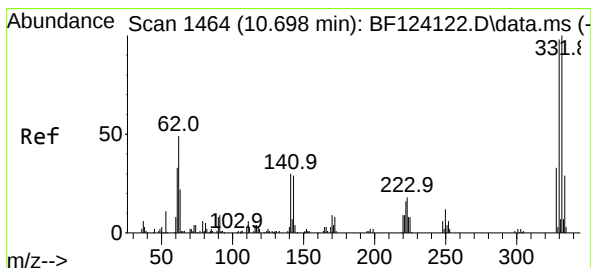
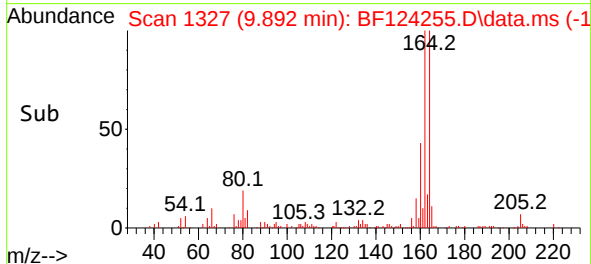
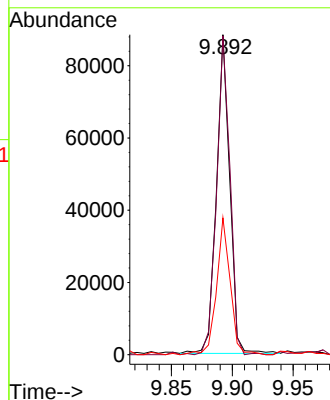
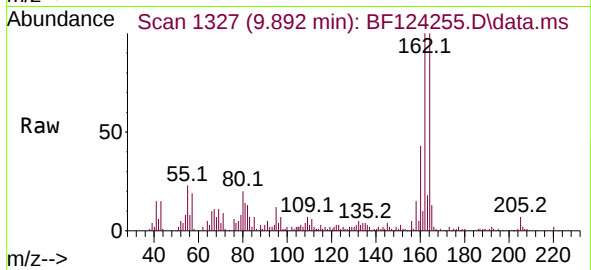
Tgt Ion:164 Resp: 66725

Ion Ratio Lower Upper

164 100

162 99.7 80.7 121.1

160 42.8 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 4.30 ng

RT: 10.680 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF124255.D

Acq: 11 Jun 2021 3:21

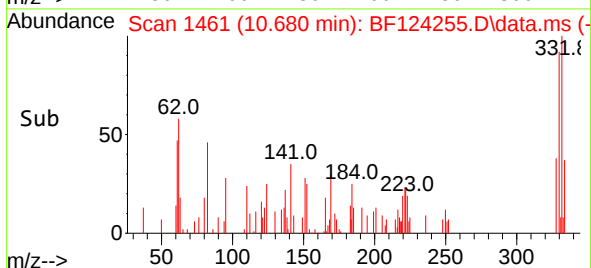
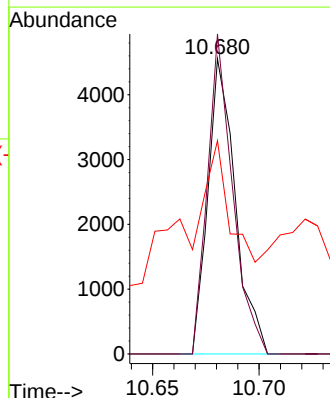
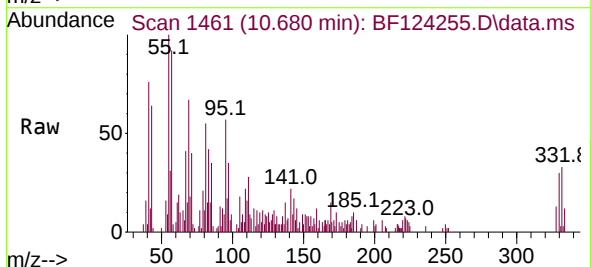
Tgt Ion:330 Resp: 4063

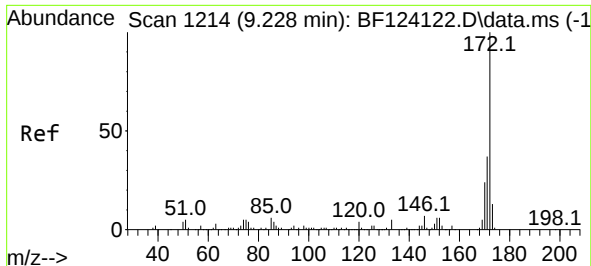
Ion Ratio Lower Upper

330 100

332 99.9 77.1 115.7

141 77.7 27.9 41.9#

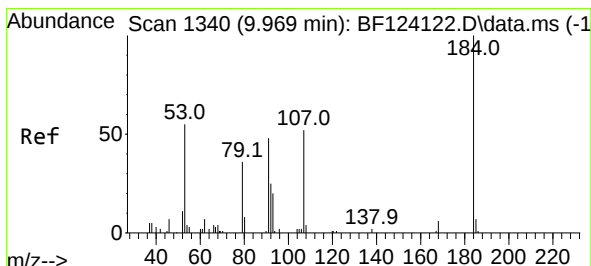
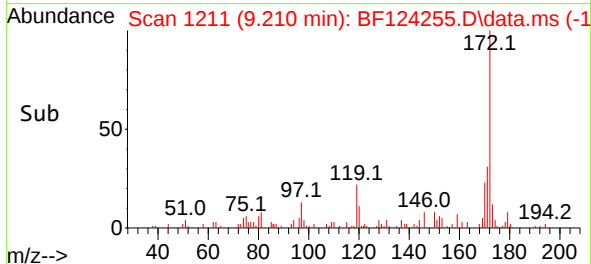
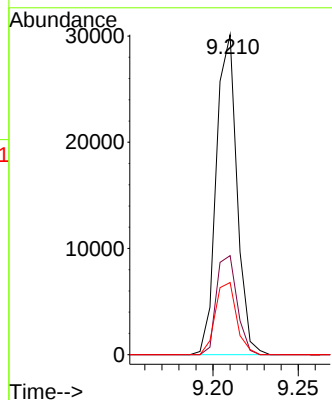
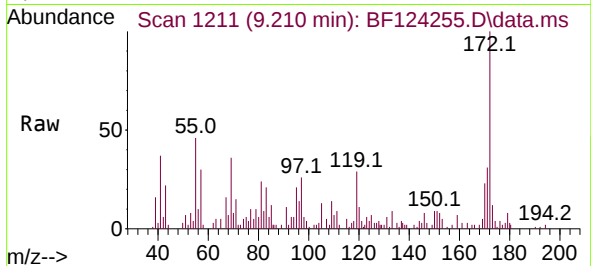




#45
2-Fluorobiphenyl
Concen: 4.79 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

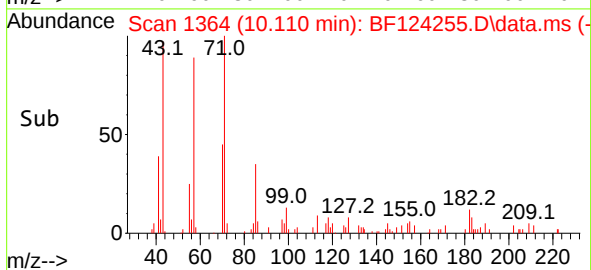
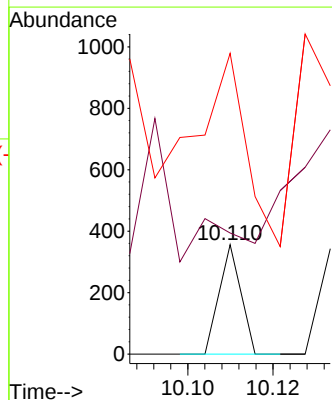
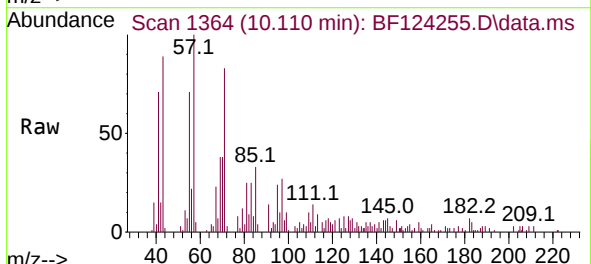
Instrument :
BNA_F
ClientSampleId :
1846-75-76

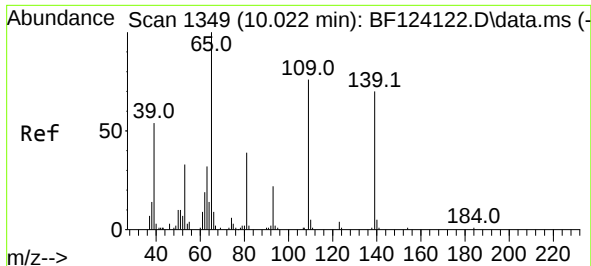
Tgt Ion:172 Resp: 25388
Ion Ratio Lower Upper
172 100
171 31.0 28.1 42.1
170 22.6 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 3.70 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.153 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

Tgt Ion:184 Resp: 126
Ion Ratio Lower Upper
184 100
63 110.7 73.5 110.3#
154 275.0 52.5 78.7#

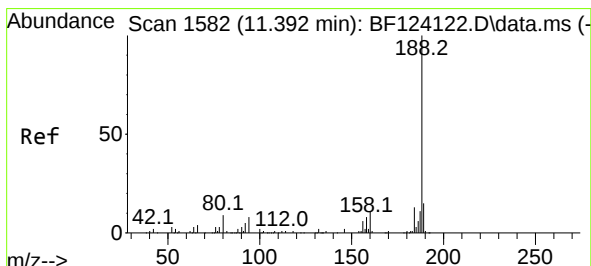
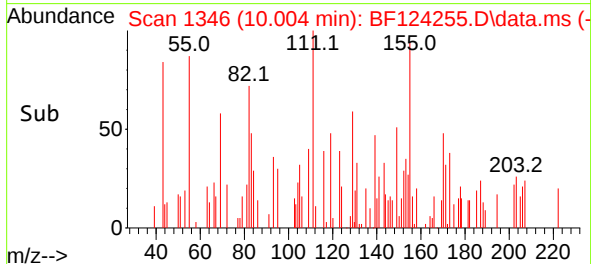
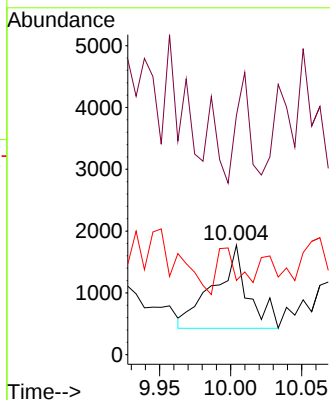
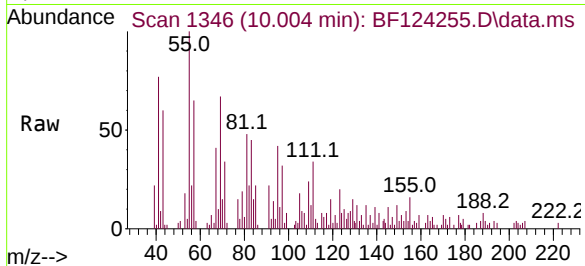




#56
4-Nitrophenol
Concen: 2.63 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.017 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

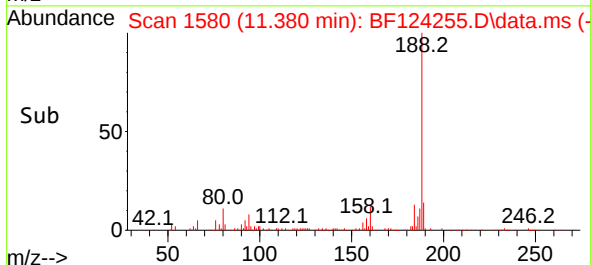
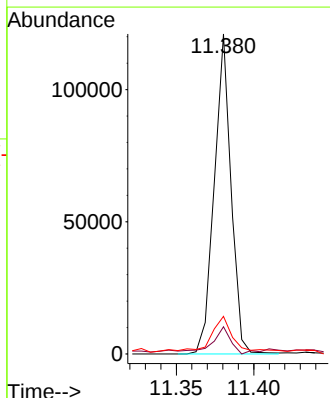
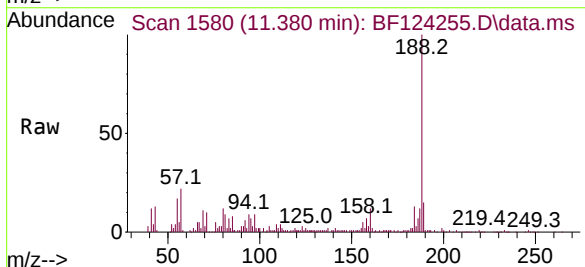
Instrument :
BNA_F
ClientSampleId :
1846-75-76

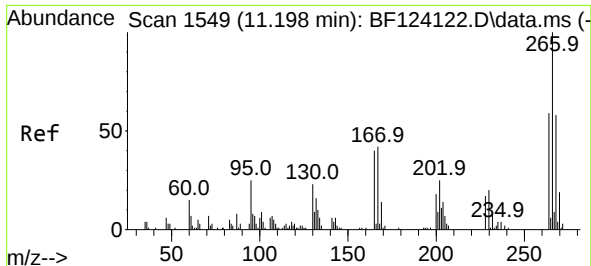
Tgt Ion:139 Resp: 2225
Ion Ratio Lower Upper
139 100
109 218.3 63.2 103.2#
65 67.7 110.0 150.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

Tgt Ion:188 Resp: 91079
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 11.7 8.2 12.2

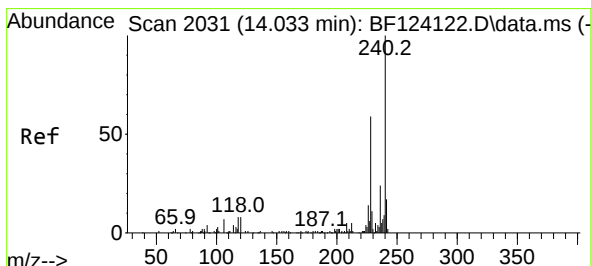
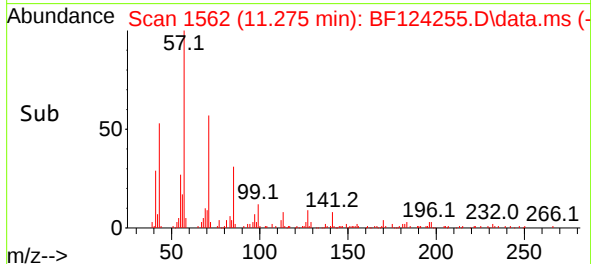
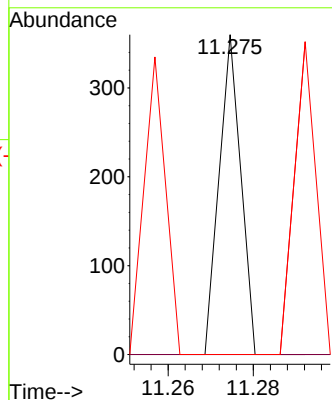
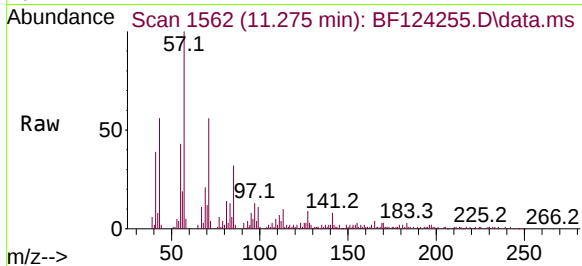




#70
 Pentachlorophenol
 Concen: 4.82 ng
 RT: 11.275 min Scan# 1562
 Delta R.T. 0.088 min
 Lab File: BF124255.D
 Acq: 11 Jun 2021 3:21

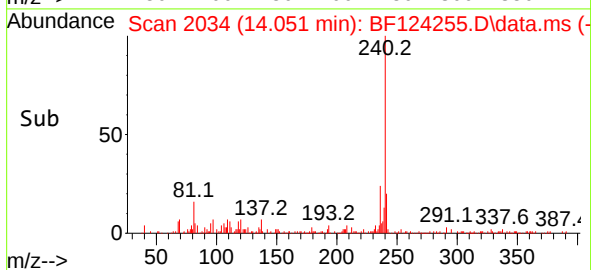
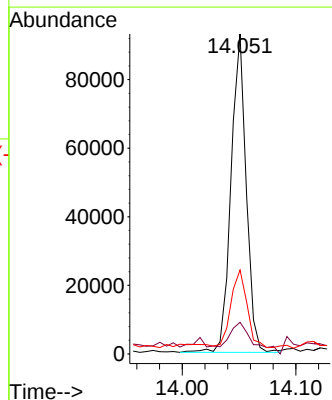
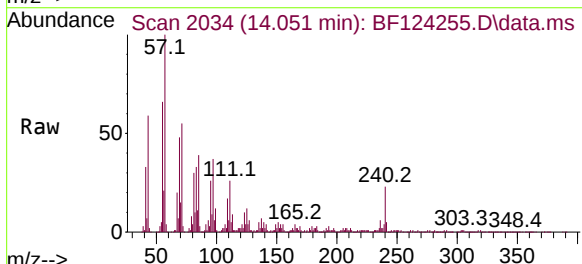
Instrument :
 BNA_F
 ClientSampleId :
 1846-75-76

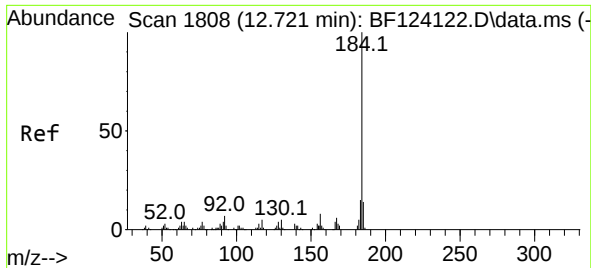
Tgt Ion:266 Resp: 127
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.6 77.4#
 264 0.0 52.6 78.8#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. 0.030 min
 Lab File: BF124255.D
 Acq: 11 Jun 2021 3:21

Tgt Ion:240 Resp: 86303
 Ion Ratio Lower Upper
 240 100
 120 9.9 7.2 10.8
 236 26.3 19.0 28.4

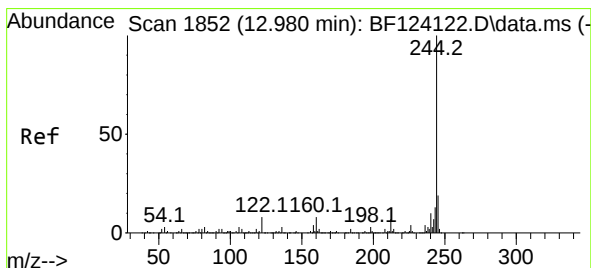
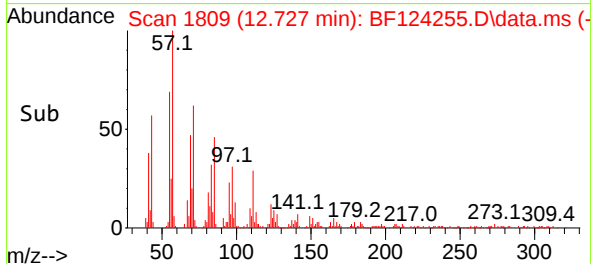
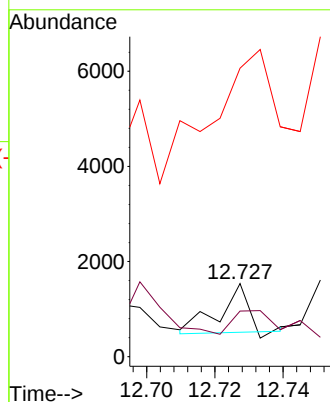
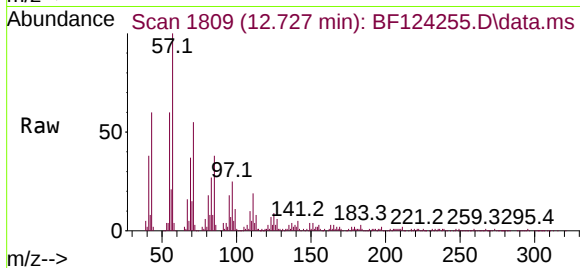




#77
Benzidine
Concen: 4.33 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.018 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

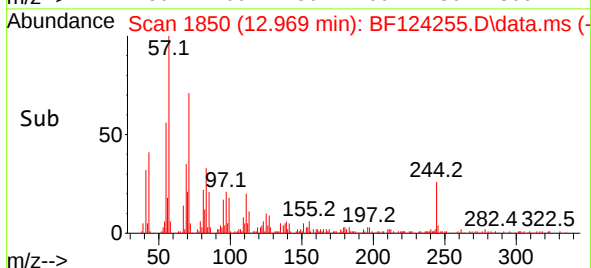
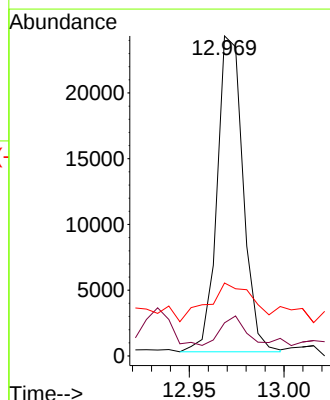
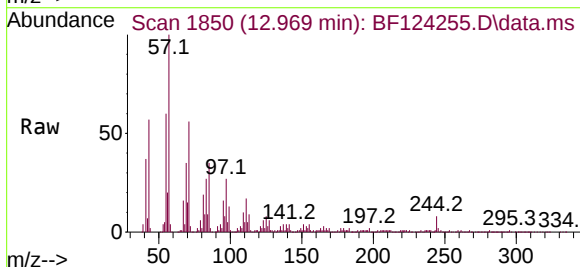
Instrument :
BNA_F
ClientSampleId :
1846-75-76

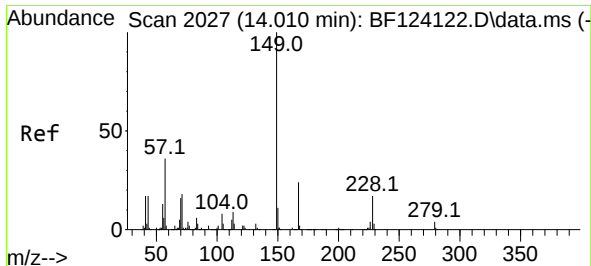
Tgt Ion:184 Resp: 597
Ion Ratio Lower Upper
184 100
185 62.3 12.1 18.1#
183 394.5 7.8 11.8#



#79
Terphenyl-d14
Concen: 3.66 ng
RT: 12.969 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

Tgt Ion:244 Resp: 22977
Ion Ratio Lower Upper
244 100
212 10.4 5.7 8.5#
122 22.8 9.7 14.5#

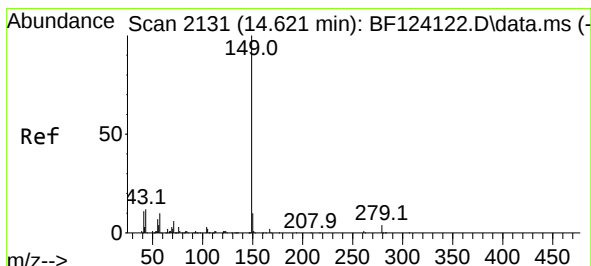
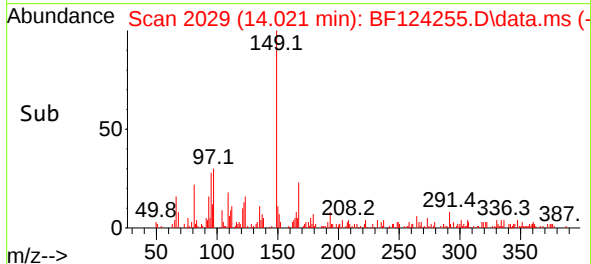
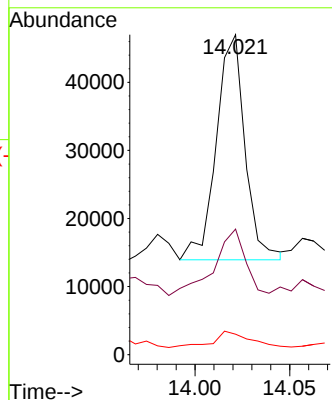
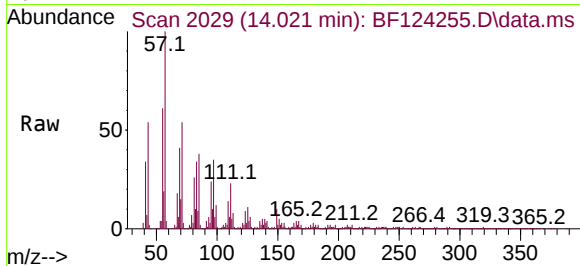




#84
Bis(2-ethylhexyl)phthalate
Concen: 8.75 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.030 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

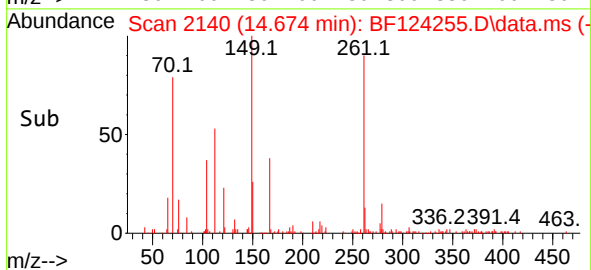
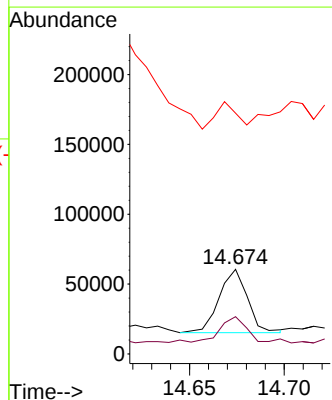
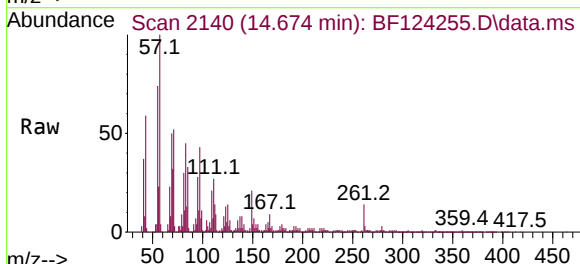
Instrument :
BNA_F
ClientSampleId :
1846-75-76

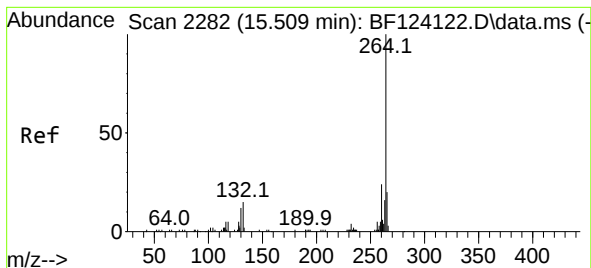
Tgt Ion:149 Resp: 34994
Ion Ratio Lower Upper
149 100
167 39.3 21.8 32.6#
279 6.4 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 8.83 ng
RT: 14.674 min Scan# 2140
Delta R.T. 0.071 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

Tgt Ion:149 Resp: 47123
Ion Ratio Lower Upper
149 100
167 41.7 1.2 1.8#
43 31.5 11.8 17.6#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.545 min Scan# 2288

Delta R.T. 0.053 min

Lab File: BF124255.D

Acq: 11 Jun 2021 3:21

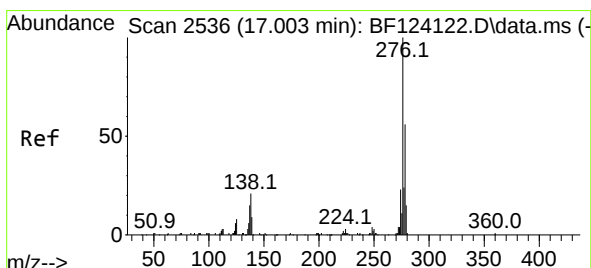
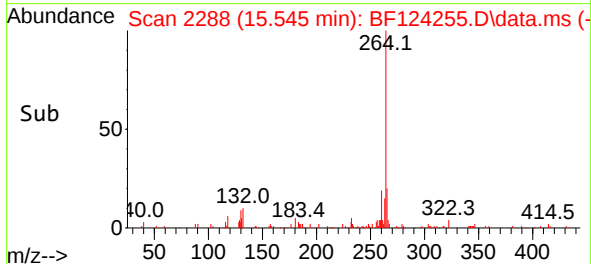
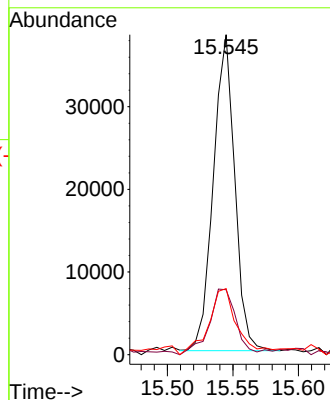
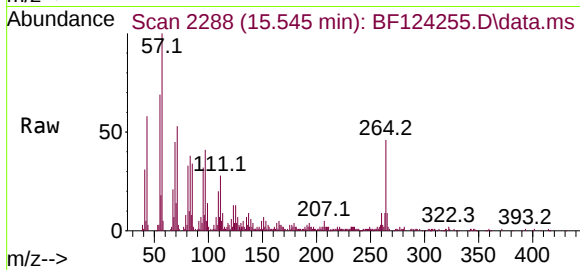
Tgt Ion:	264	Resp:	43389
Ion Ratio	Lower	Upper	
264	100		
260	20.3	18.7	28.1
265	20.7	17.8	26.8

Instrument :

BNA_F

ClientSampleId :

1846-75-76



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.40 ng

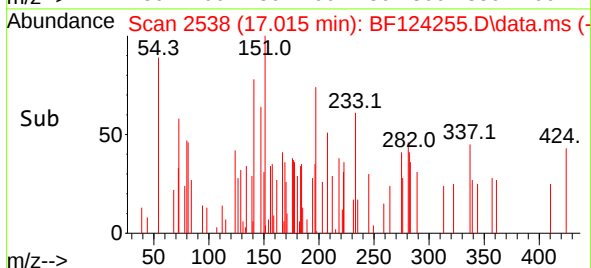
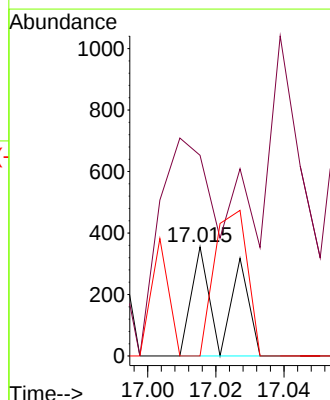
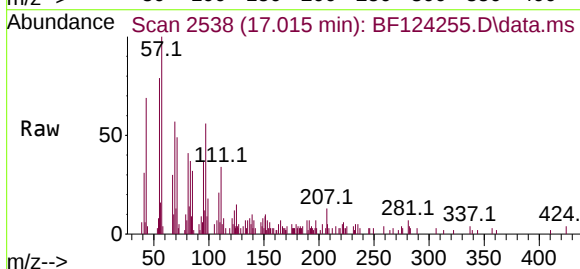
RT: 17.015 min Scan# 2538

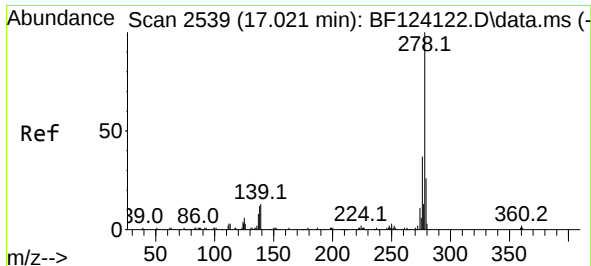
Delta R.T. 0.035 min

Lab File: BF124255.D

Acq: 11 Jun 2021 3:21

Tgt Ion:	276	Resp:	238
Ion Ratio	Lower	Upper	
276	100		
138	334.0	16.2	24.2#
277	56.7	20.1	30.1#

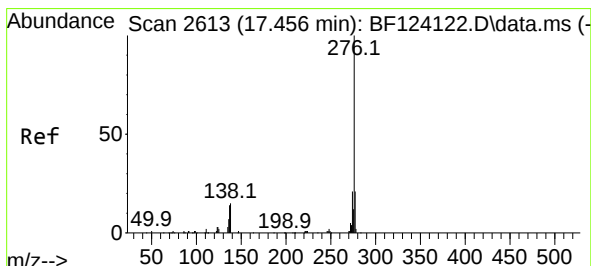
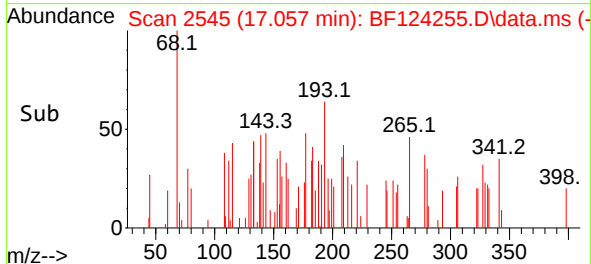
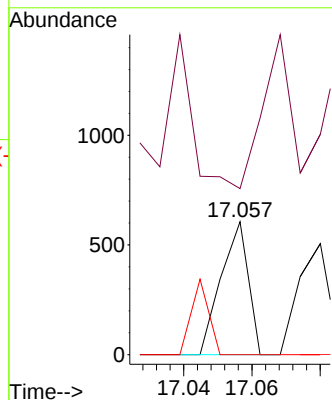
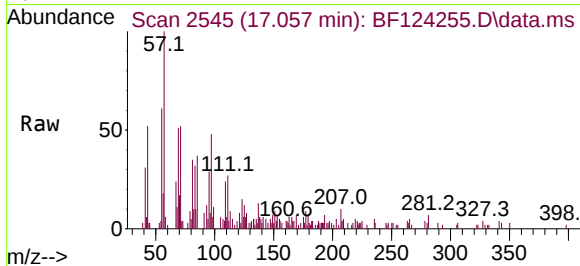




#91
Dibenzo(a,h)anthracene
Concen: 4.27 ng
RT: 17.057 min Scan# 2545
Delta R.T. 0.065 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

Instrument :
BNA_F
ClientSampleId :
1846-75-76

Tgt Ion:278 Resp: 335
Ion Ratio Lower Upper
278 100
139 124.9 10.2 15.2#
279 0.0 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 3.97 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.024 min
Lab File: BF124255.D
Acq: 11 Jun 2021 3:21

Tgt Ion:276 Resp: 531
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 197.4 13.8 20.6#

