

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125488.D
 Acq On : 14 Sep 2021 22:49
 Operator : JU/CG
 Sample : M3724-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

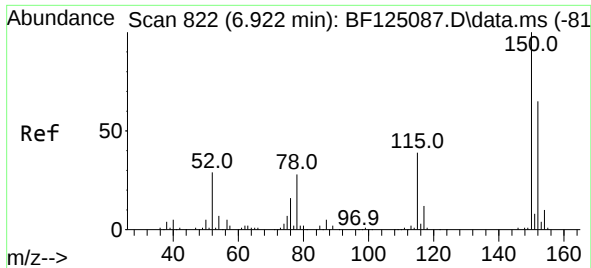
Instrument :
 BNA_F
 ClientSampleId :
 31191

Quant Time: Sep 15 01:07:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 14 17:17:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	140538	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	537204	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	268842	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	409867	20.000	ng	0.00
76) Chrysene-d12	14.051	240	244365	20.000	ng	#-0.01
86) Perylene-d12	15.539	264	284322	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	741436	79.853	ng	0.00
7) Phenol-d6	6.510	99	967858	80.598	ng	-0.01
23) Nitrobenzene-d5	7.439	82	631613	59.192	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	136665	50.925	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	1119916	58.059	ng	0.00
79) Terphenyl-d14	12.992	244	856502	55.838	ng	0.00
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	7.045	146	57096	5.202	ng	95
13) 1,4-Dichlorobenzene	7.045	146	57096	5.221	ng	96
14) 1,2-Dichlorobenzene	7.045	146	57096	5.549	ng	96
25) Isophorone	7.439	82	630452	30.627	ng	# 59
31) Naphthalene	8.181	128	251516	9.142	ng	98
33) 4-Chloroaniline	8.181	127	32894	3.033	ng	# 40
35) Caprolactam	8.592	113	4734	2.205	ng	# 16
47) 2-Chloronaphthalene	9.575	162	86192	4.894	ng	# 39
48) 2-Nitroaniline	9.569	65	43999	8.059	ng	# 24
50) Dimethylphthalate	9.792	163	646587	34.706	ng	# 94
80) Butylbenzylphthalate	13.463	149	56381	6.845	ng	87
84) Bis(2-ethylhexyl)phtha...	14.021	149	36546	3.228	ng	# 97

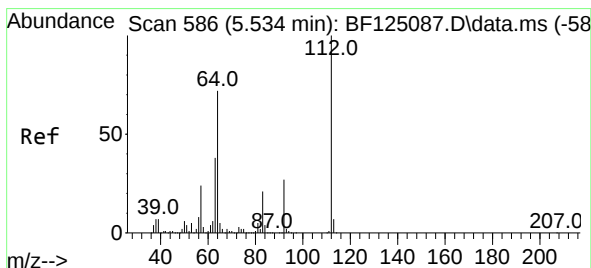
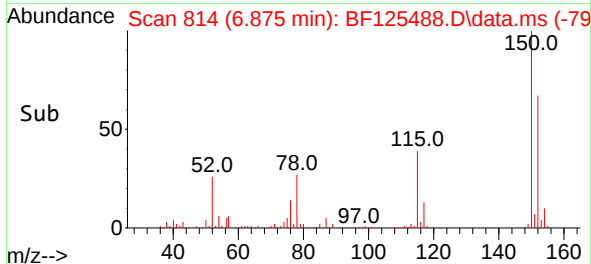
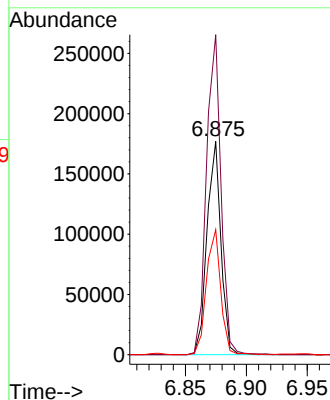
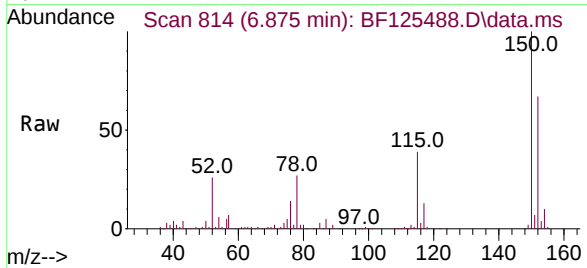
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

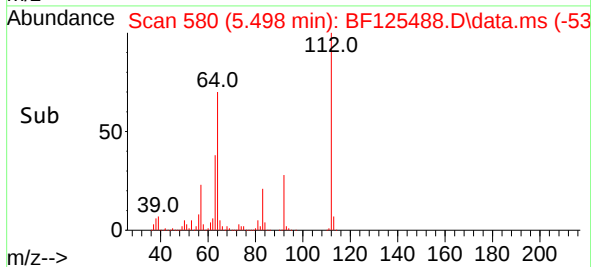
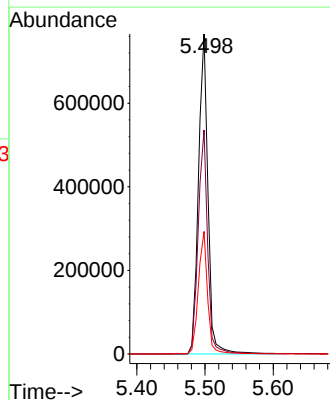
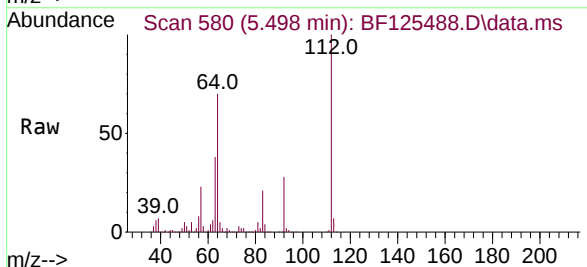
Instrument :
BNA_F
ClientSampled :
31191

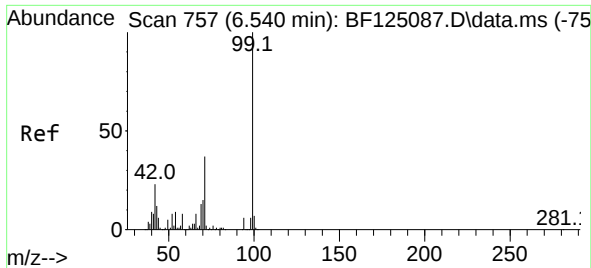
Tgt Ion:152 Resp: 140538
Ion Ratio Lower Upper
152 100
150 150.0 117.6 176.4
115 58.6 47.1 70.7



#5
2-Fluorophenol
Concen: 79.853 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

Tgt Ion:112 Resp: 741436
Ion Ratio Lower Upper
112 100
64 70.0 44.2 66.2#
63 38.3 26.2 39.2

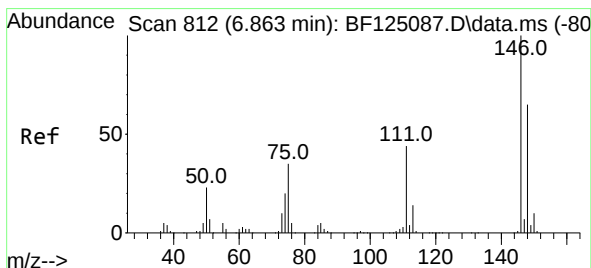
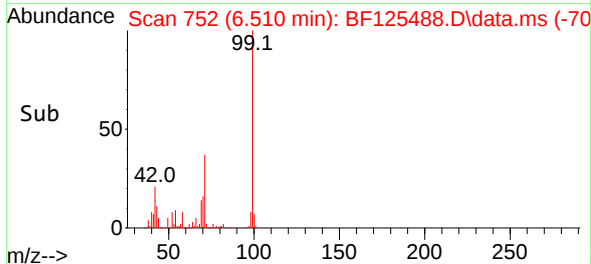
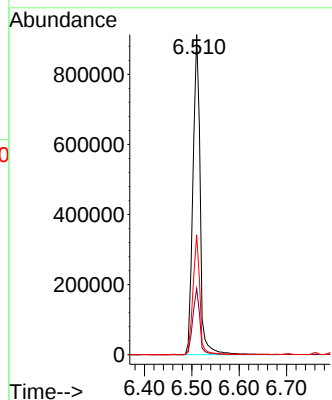
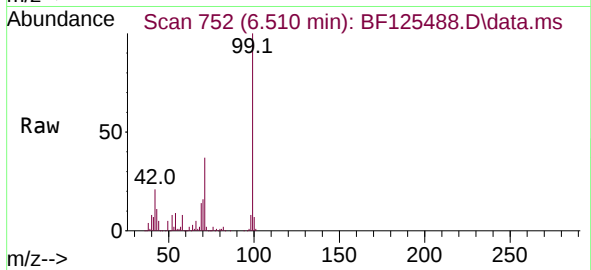




#7
Phenol-d6
Concen: 80.598 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

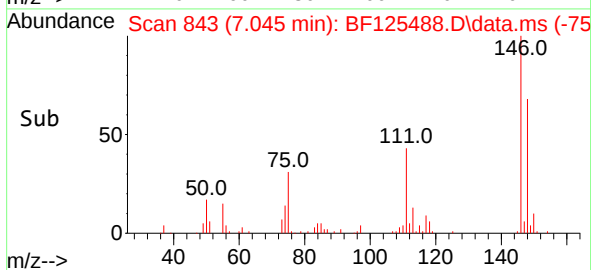
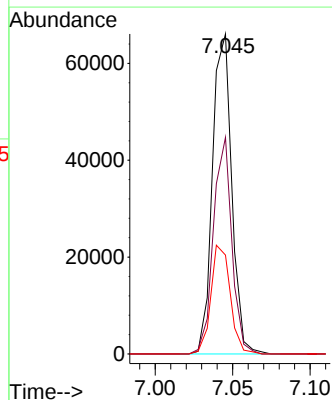
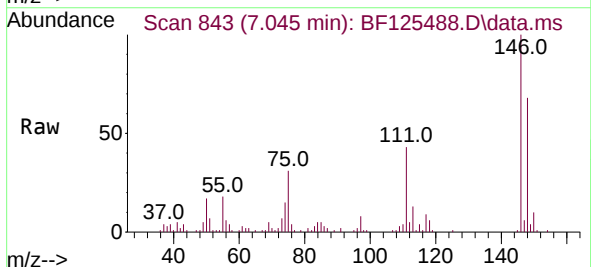
Instrument :
BNA_F
ClientSampleId :
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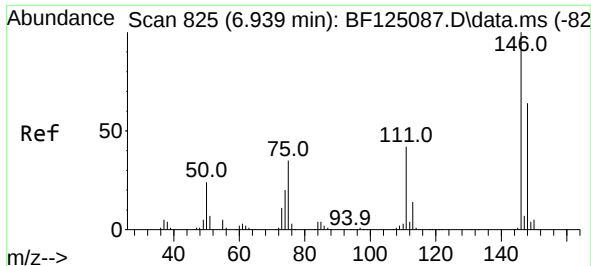
Tgt Ion: 99 Resp: 967858
Ion Ratio Lower Upper
99 100
42 20.7 23.5 35.3#
71 37.5 25.6 38.4



#12
1,3-Dichlorobenzene
Concen: 5.202 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.223 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

Tgt Ion: 146 Resp: 57096
Ion Ratio Lower Upper
146 100
148 67.7 49.7 74.5
75 30.9 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 5.221 ng

RT: 7.045 min Scan# 843

Delta R.T. 0.147 min

Lab File: BF125488.D

Acq: 14 Sep 2021 22:49

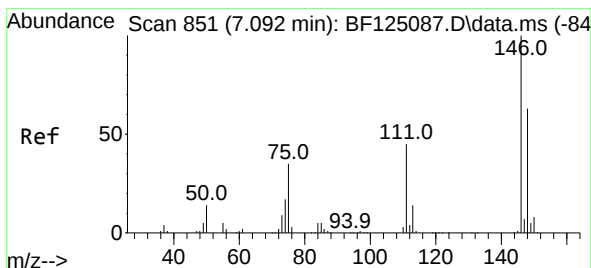
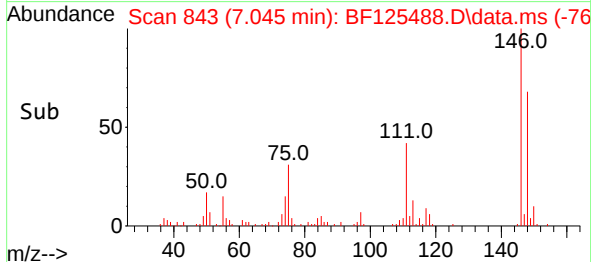
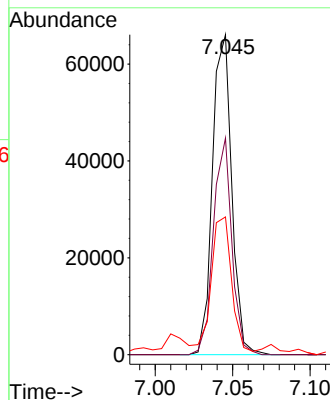
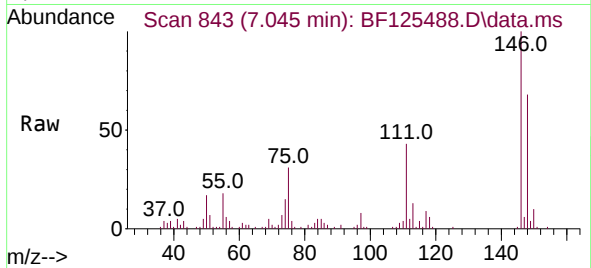
Tgt Ion:146 Resp: 57096

Ion Ratio Lower Upper

146 100

148 67.7 51.9 77.9

111 43.1 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 5.549 ng

RT: 7.045 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF125488.D

Acq: 14 Sep 2021 22:49

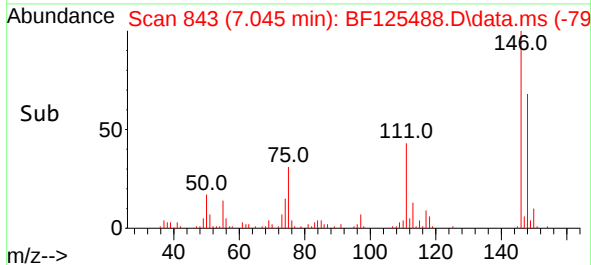
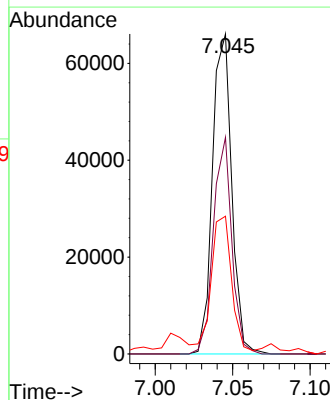
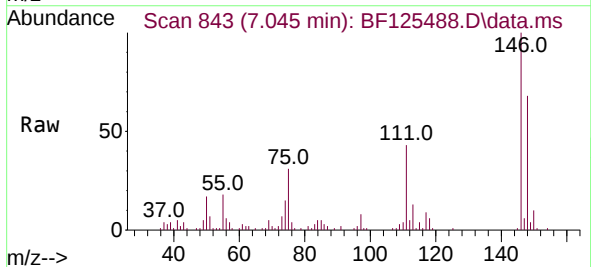
Tgt Ion:146 Resp: 57096

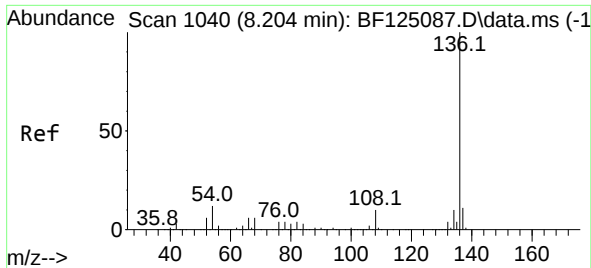
Ion Ratio Lower Upper

146 100

148 67.7 50.6 75.8

111 43.1 33.5 50.3

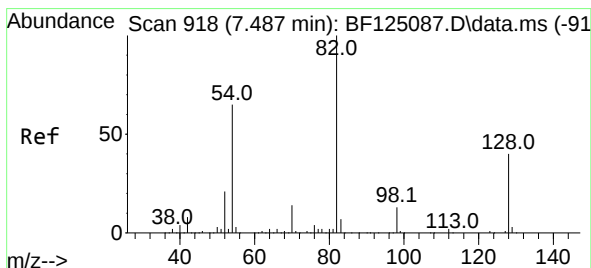
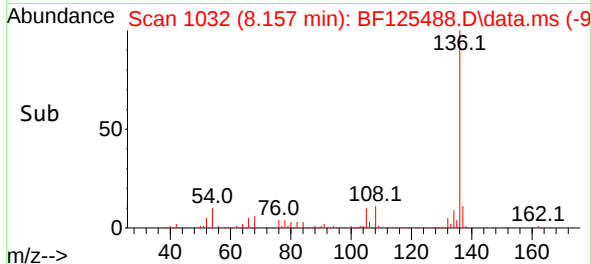
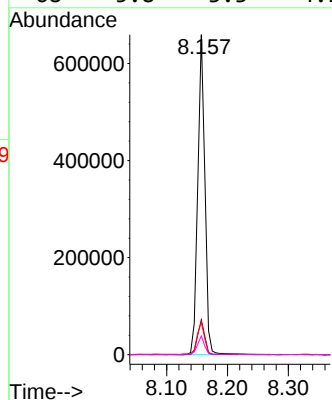
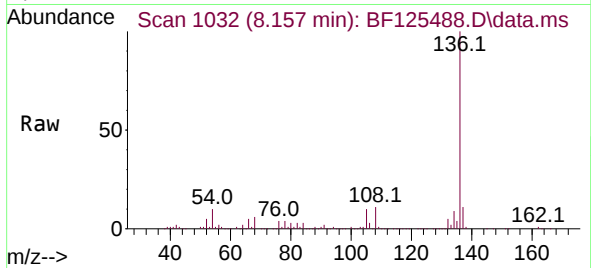




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

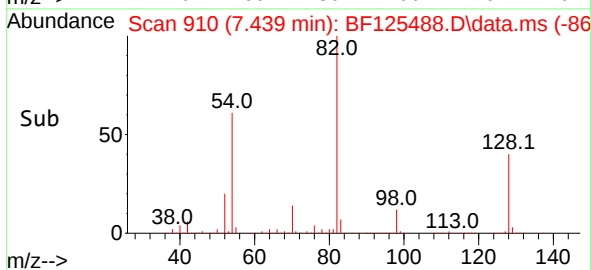
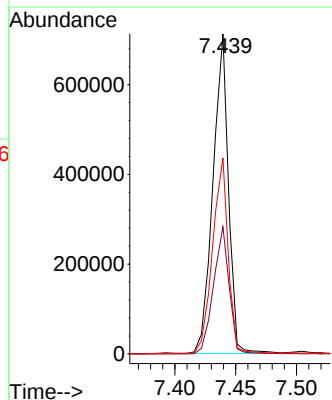
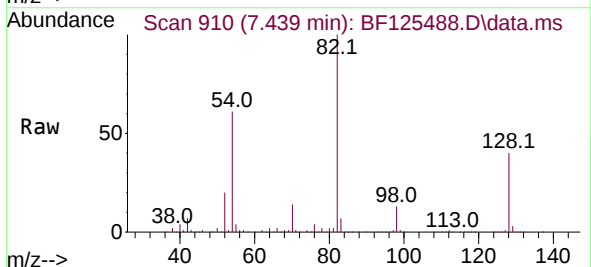
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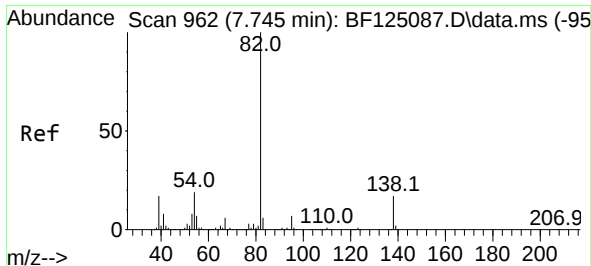
Tgt Ion:	136	Resp:	537204
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	10.1	6.4	9.6#
68	5.8	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 59.192 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

Tgt Ion:	82	Resp:	631613
Ion	Ratio	Lower	Upper
82	100		
128	39.8	40.6	60.8#
54	61.2	49.6	74.4

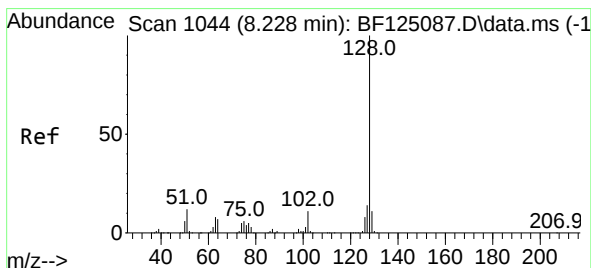
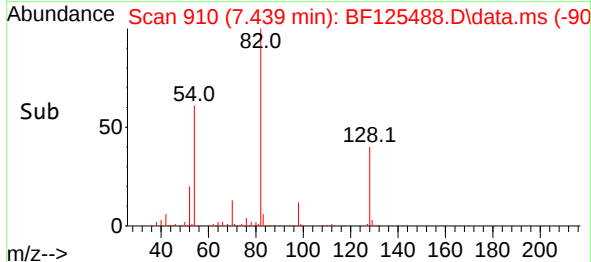
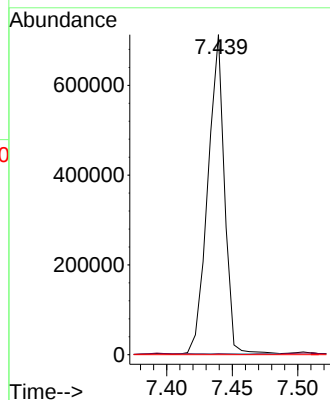
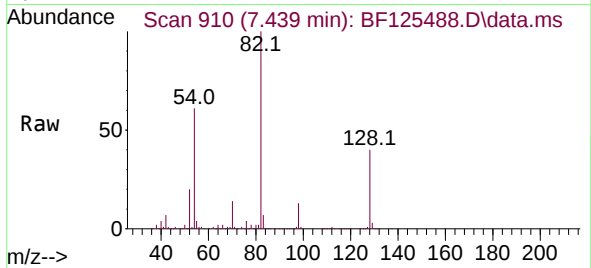




#25
Isophorone
Concen: 30.627 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

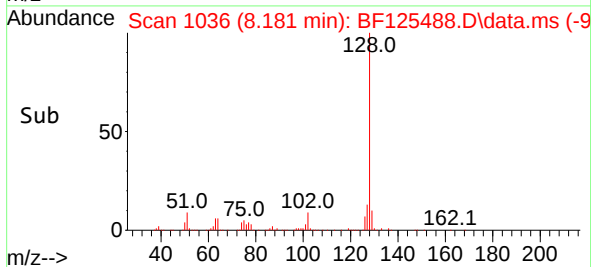
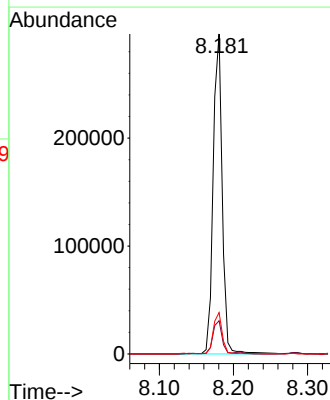
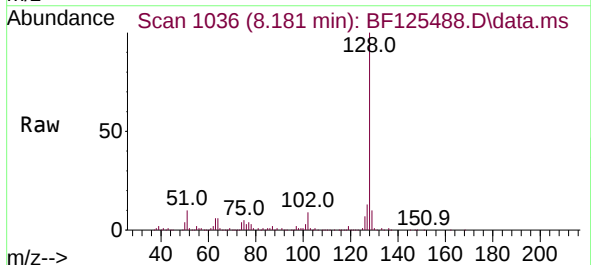
Instrument :
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ClientSampleId :
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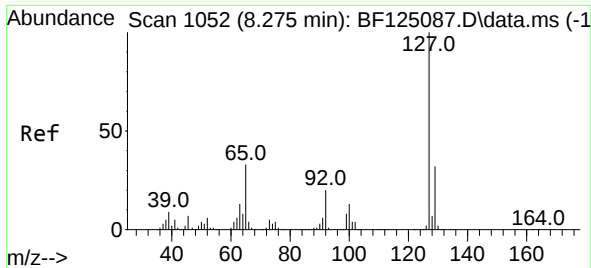
Tgt Ion: 82 Resp: 630452
Ion Ratio Lower Upper
82 100
95 0.3 6.5 9.7#
138 0.0 18.4 27.6#



#31
Naphthalene
Concen: 9.142 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

Tgt Ion: 128 Resp: 251516
Ion Ratio Lower Upper
128 100
129 10.4 9.4 14.0
127 12.9 10.9 16.3

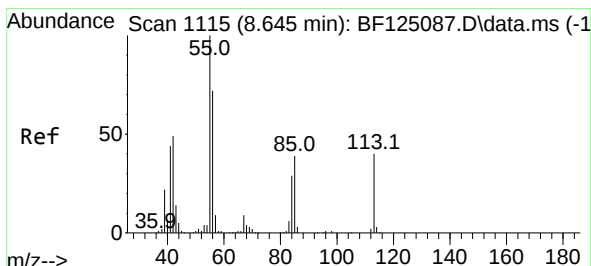
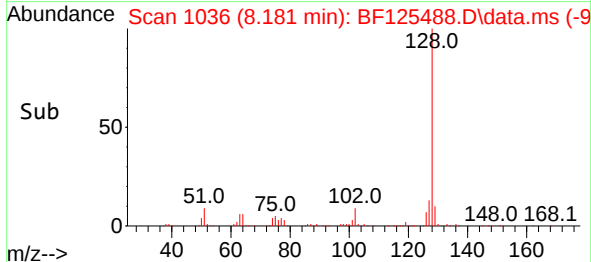
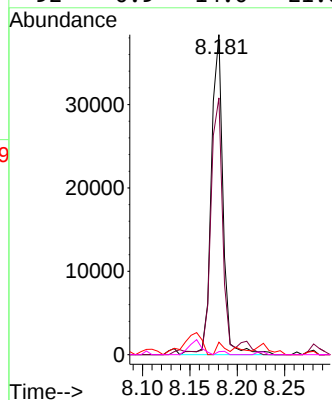
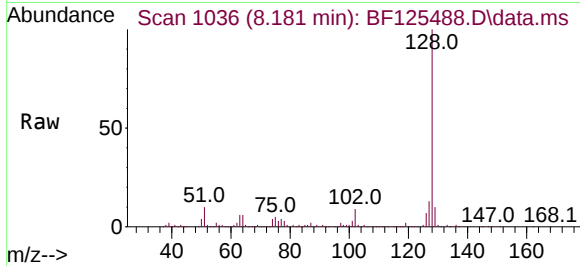




#33
4-Chloroaniline
Concen: 3.033 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.053 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

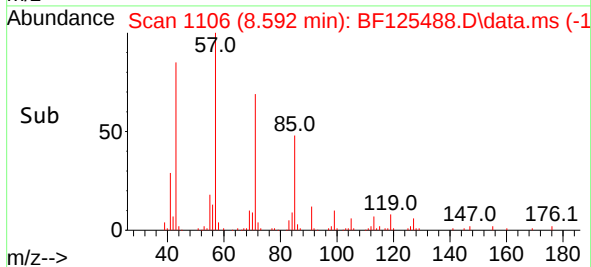
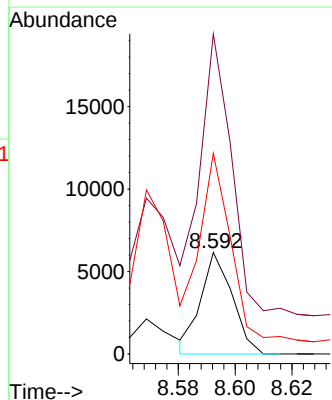
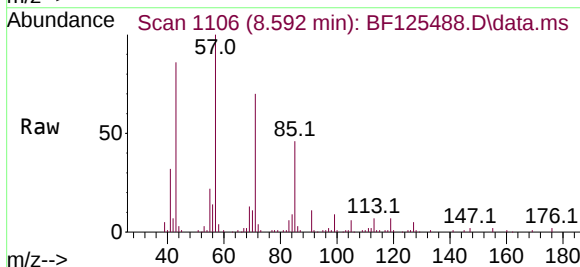
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ClientSampled :
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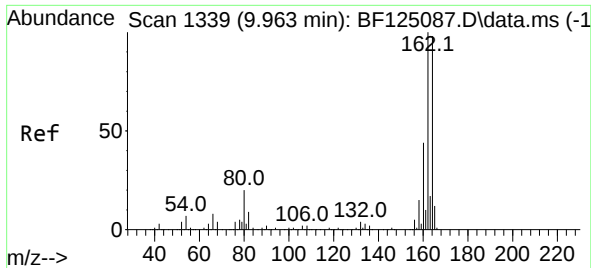
Tgt Ion:127	Resp:	32894
Ion Ratio	Lower	Upper
127	100	
129	80.3	25.7 38.5#
65	3.9	21.2 31.8#
92	0.9	14.0 21.0#



#35
Caprolactam
Concen: 2.205 ng
RT: 8.592 min Scan# 1106
Delta R.T. -0.030 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

Tgt Ion:113	Resp:	4734
Ion Ratio	Lower	Upper
113	100	
55	315.2	154.1 194.1#
56	197.6	108.7 148.7#

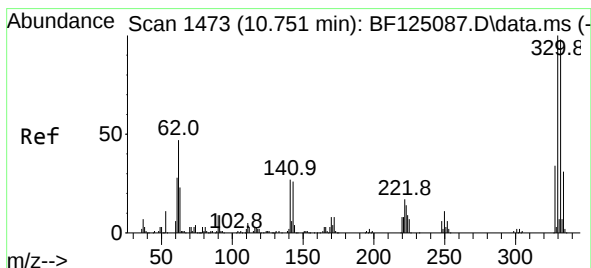
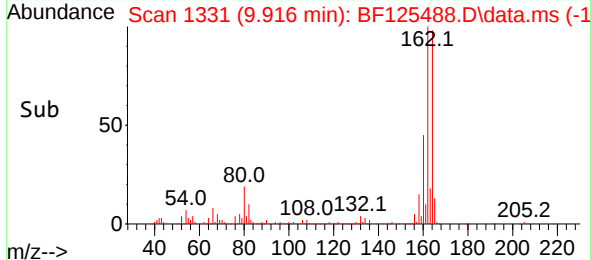
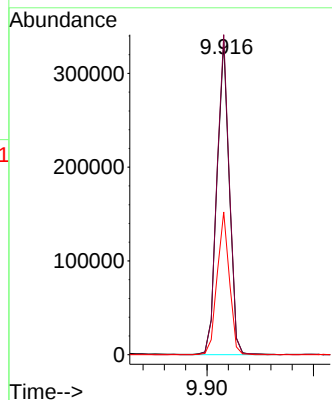
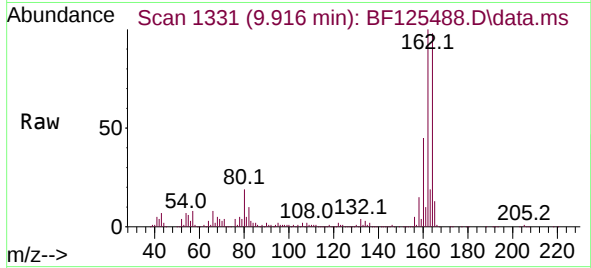




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

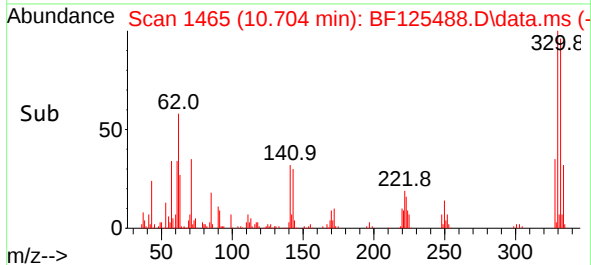
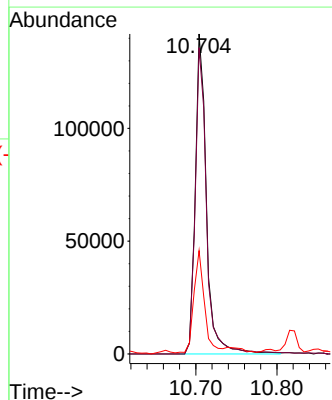
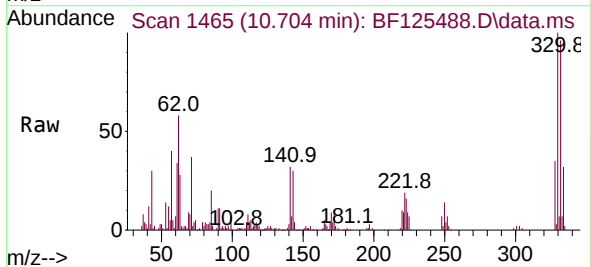
Instrument :
BNA_F
ClientSampled :
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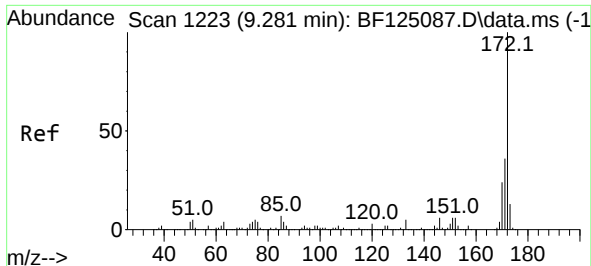
Tgt Ion:164 Resp: 268842
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 45.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 50.925 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

Tgt Ion:330 Resp: 136665
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 30.1 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 58.059 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF125488.D

Acq: 14 Sep 2021 22:49

Instrument :

BNA_F

ClientSampled :

31191

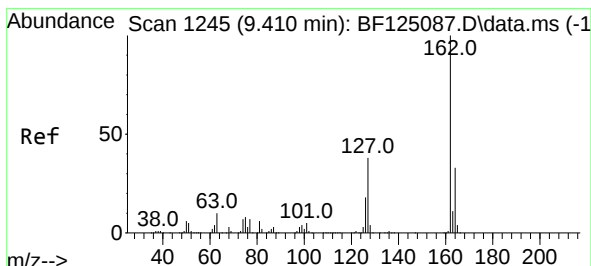
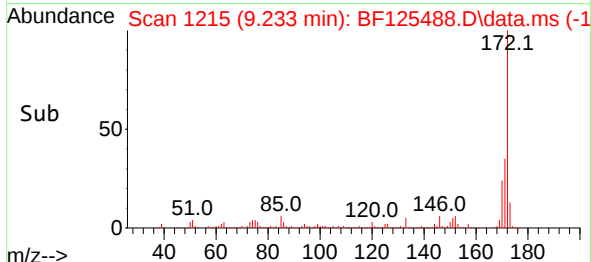
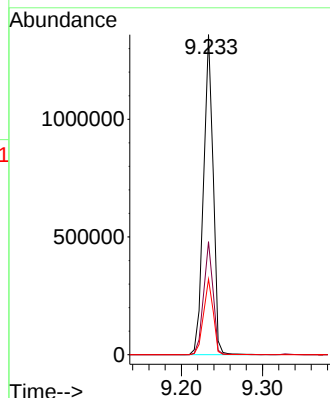
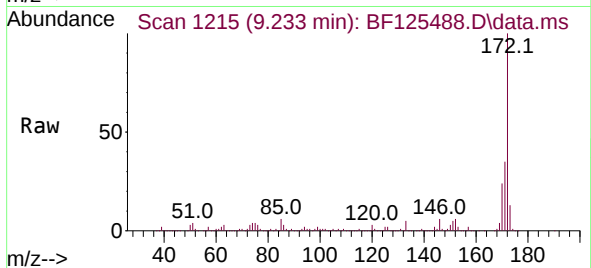
Tgt Ion:172 Resp: 1119916

Ion Ratio Lower Upper

172 100

171 35.3 26.5 39.7

170 23.6 18.8 28.2



#47

2-Chloronaphthalene

Concen: 4.894 ng

RT: 9.575 min Scan# 1273

Delta R.T. 0.206 min

Lab File: BF125488.D

Acq: 14 Sep 2021 22:49

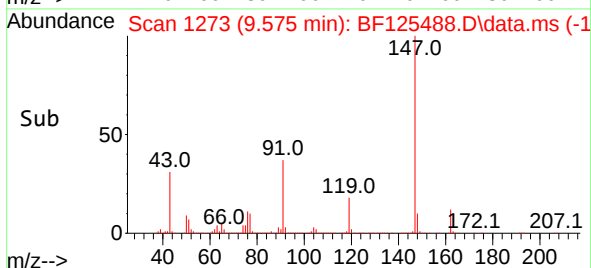
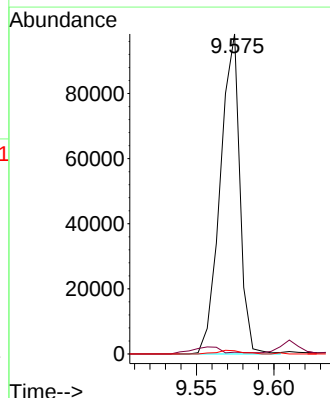
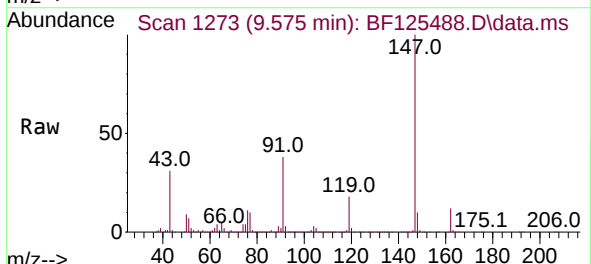
Tgt Ion:162 Resp: 86192

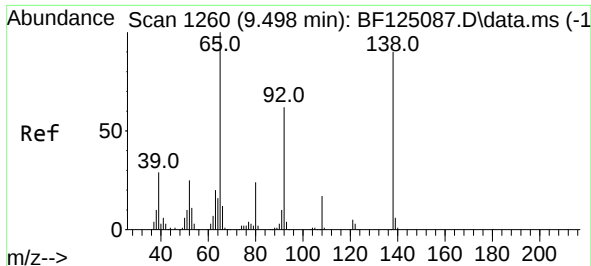
Ion Ratio Lower Upper

162 100

127 0.6 33.0 49.4#

164 1.0 25.8 38.8#

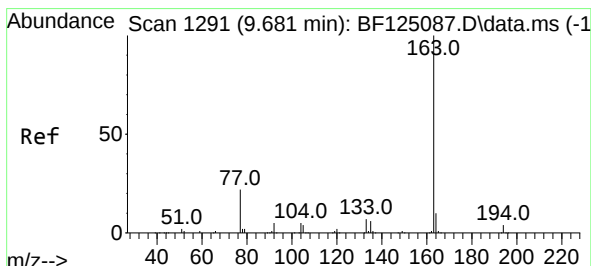
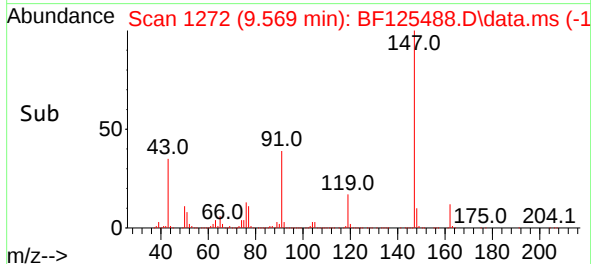
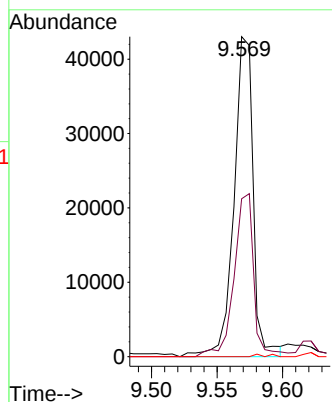
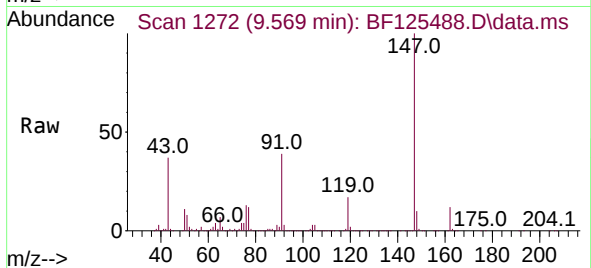




#48
2-Nitroaniline
Concen: 8.059 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.100 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

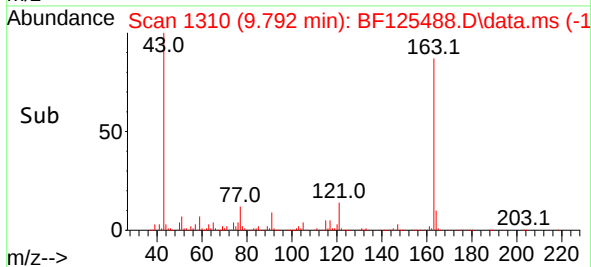
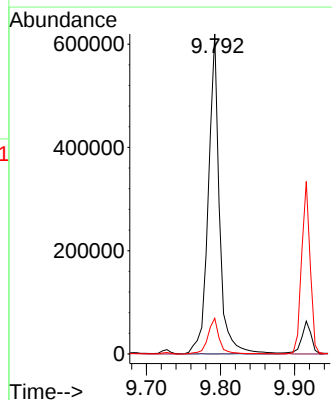
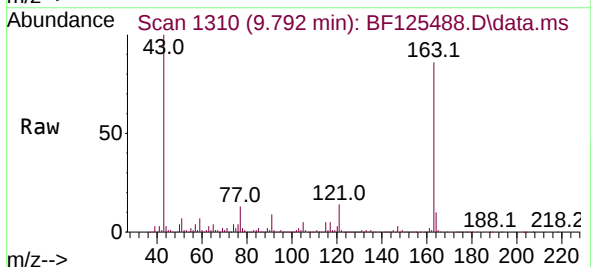
Instrument :
BNA_F
ClientSampled :
31191

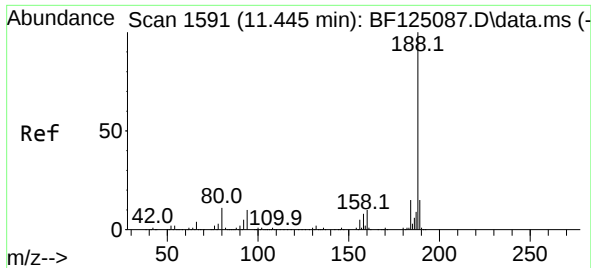
Tgt Ion: 65 Resp: 43999
Ion Ratio Lower Upper
65 100
92 49.3 55.5 83.3#
138 0.0 93.5 140.3#



#50
Dimethylphthalate
Concen: 34.706 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.147 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

Tgt Ion: 163 Resp: 646587
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 11.1 7.4 11.0#

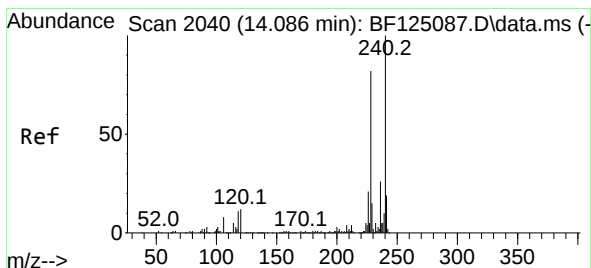
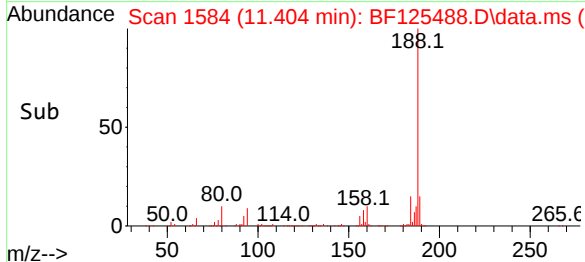
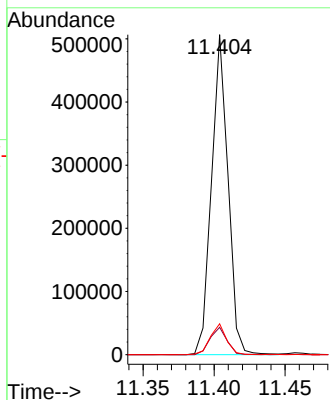
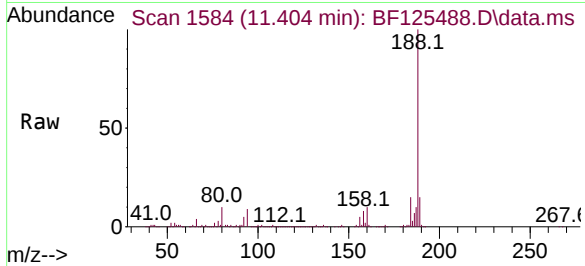




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

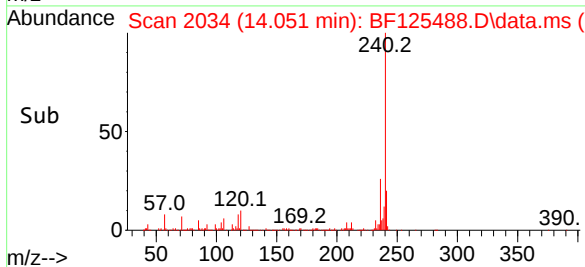
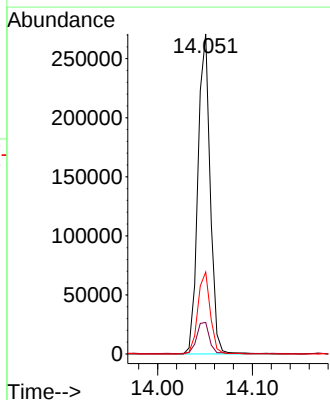
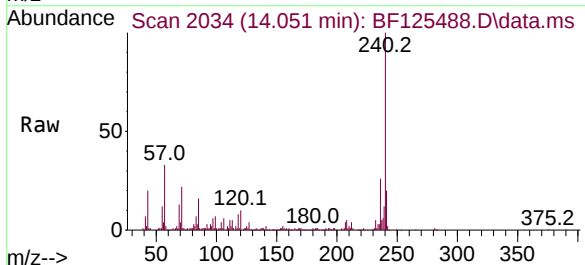
Instrument :
BNA_F
ClientSampled :
31191

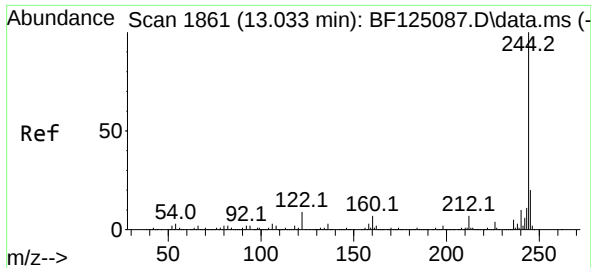
Tgt Ion:188 Resp: 409867
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

Tgt Ion:240 Resp: 244365
Ion Ratio Lower Upper
240 100
120 9.9 10.8 16.2#
236 25.6 21.6 32.4

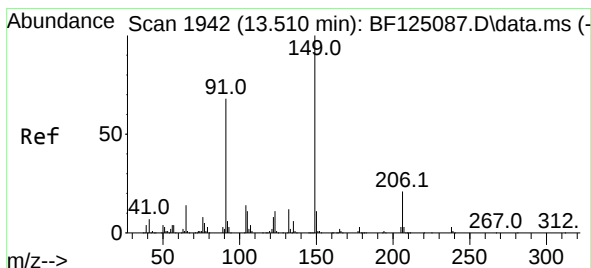
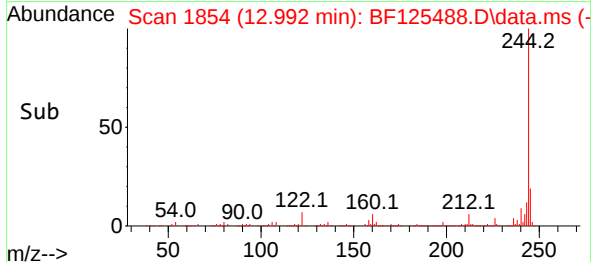
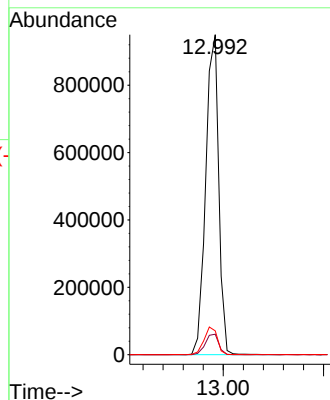
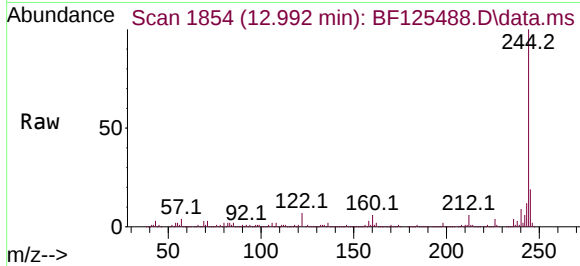




#79
 Terphenyl-d14
 Concen: 55.838 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF125488.D
 Acq: 14 Sep 2021 22:49

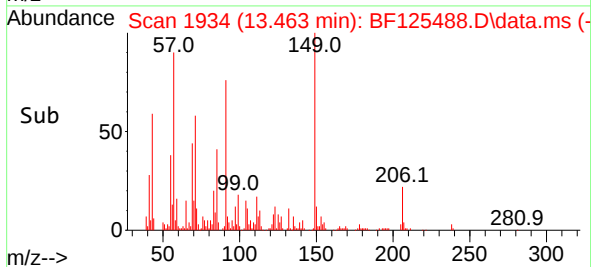
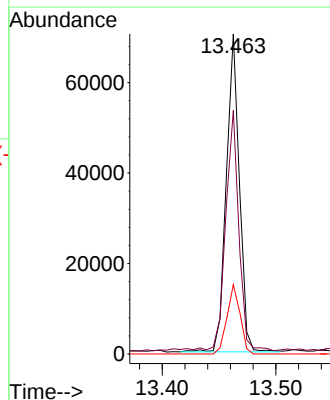
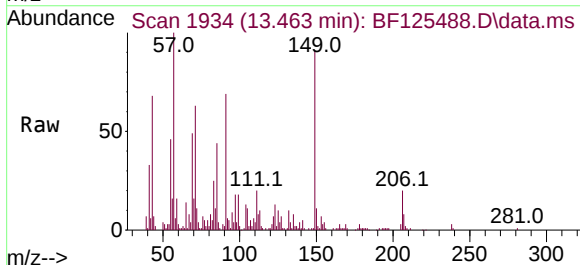
Instrument :
 BNA_F
 ClientSampled :
 31191

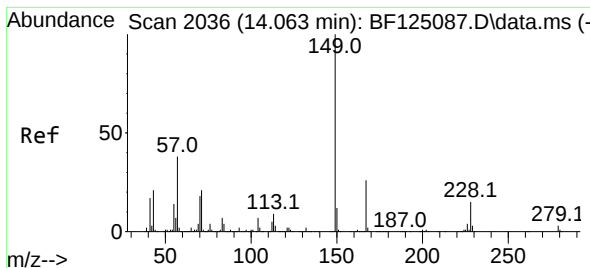
Tgt Ion:244 Resp: 856502
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.9 8.9
 122 7.4 9.0 13.4#



#80
 Butylbenzylphthalate
 Concen: 6.845 ng
 RT: 13.463 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF125488.D
 Acq: 14 Sep 2021 22:49

Tgt Ion:149 Resp: 56381
 Ion Ratio Lower Upper
 149 100
 91 76.1 51.8 77.8
 206 21.6 14.5 21.7

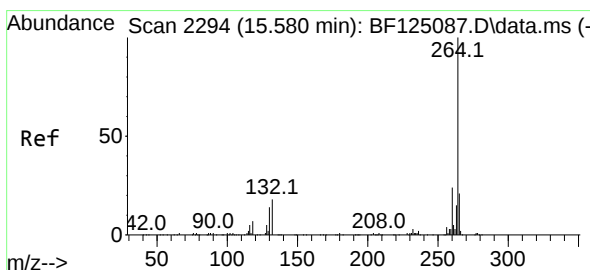
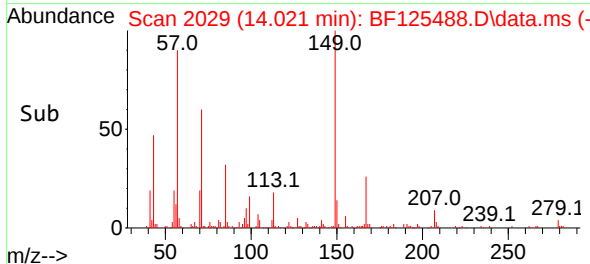
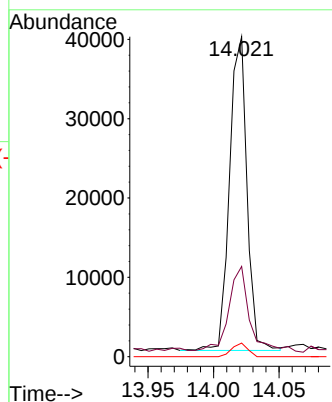
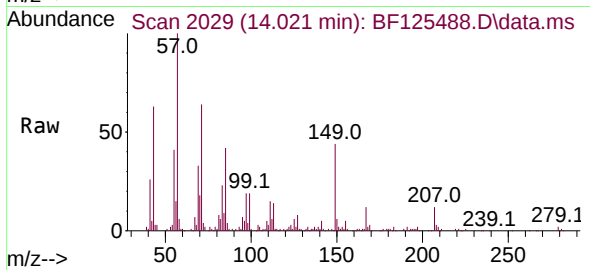




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.228 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

Instrument :
BNA_F
ClientSampled :
31191

Tgt Ion:149 Resp: 36546
Ion Ratio Lower Upper
149 100
167 28.2 21.4 32.0
279 4.2 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF125488.D
Acq: 14 Sep 2021 22:49

Tgt Ion:264 Resp: 284322
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.7 17.2 25.8

