

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125481.D
 Acq On : 14 Sep 2021 19:04
 Operator : JU/CG
 Sample : M3722-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLOOR

Quant Time: Sep 15 01:05:59 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)

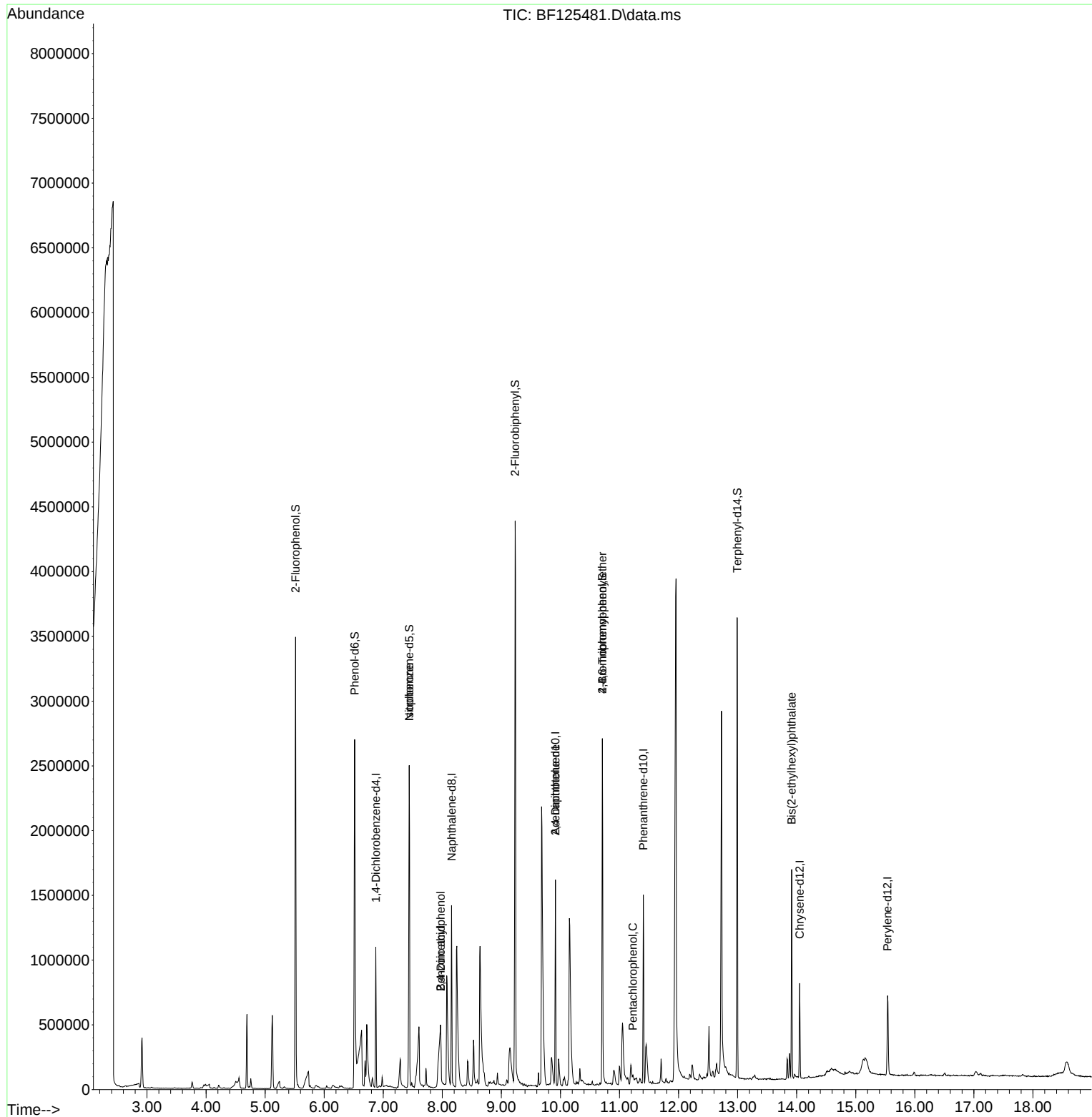
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	142268	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	551317	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	293095	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	510873	20.000	ng	0.00
76) Chrysene-d12	14.051	240	246209	20.000	ng	#-0.01
86) Perylene-d12	15.539	264	292799	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	888272	94.504	ng	0.01
7) Phenol-d6	6.516	99	1041301	85.659	ng	0.00
23) Nitrobenzene-d5	7.439	82	831118	75.894	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	345790	118.189	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1424228	67.725	ng	0.00
79) Terphenyl-d14	12.992	244	1272592	82.343	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.439	82	831110	39.341	ng	# 59
27) 2,4-Dimethylphenol	7.975	122	153381	18.388	ng	# 7
32) Benzoic acid	7.975	122	153381	27.092	ng	# 86
57) 2,4-Dinitrotoluene	9.916	165	38150	7.157	ng	# 20
67) 4-Bromophenyl-phenylether	10.710	248	21262	3.466	ng	# 1
70) Pentachlorophenol	11.227	266	17889	4.855	ng	84
84) Bis(2-ethylhexyl)phtha...	13.915	149	382494	33.535	ng	# 53

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

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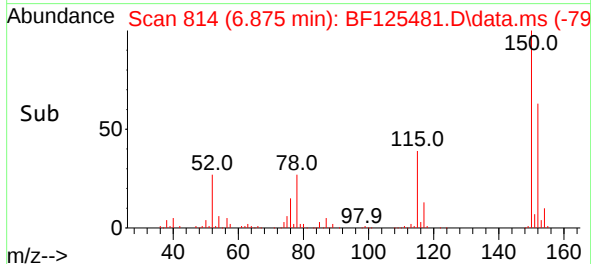
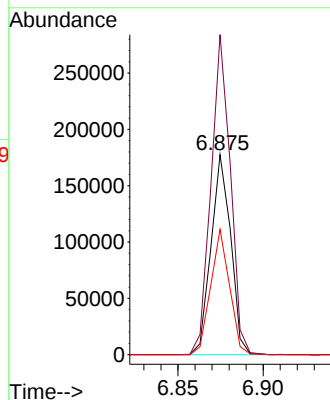
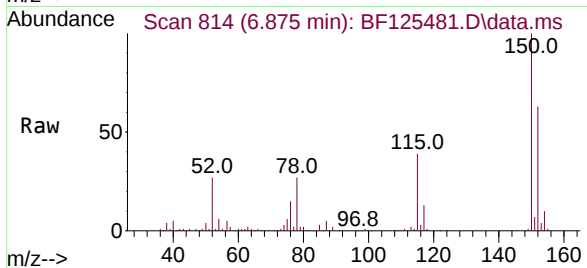




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

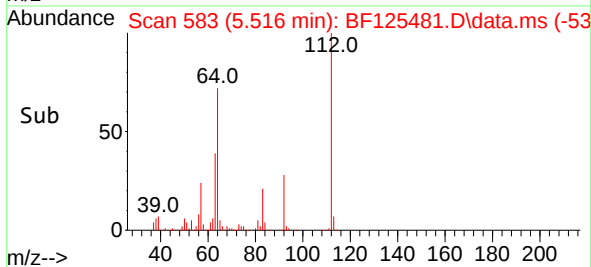
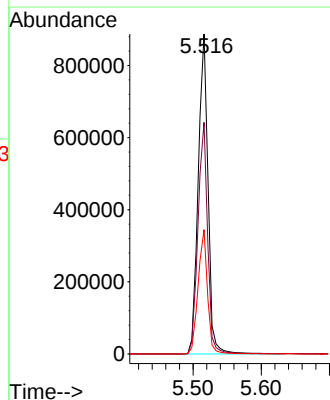
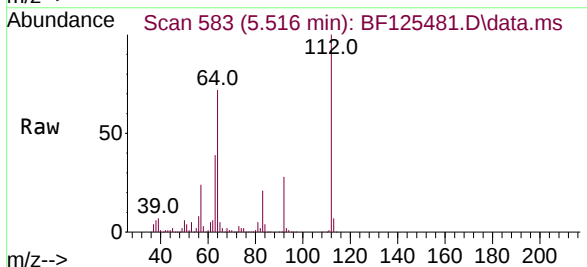
Instrument :
BNA_F
ClientSampleId :
FLOOR

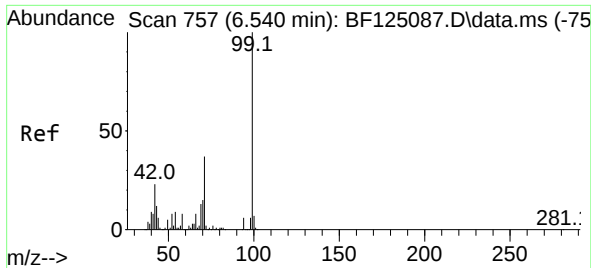
Tgt Ion:152 Resp: 142268
Ion Ratio Lower Upper
152 100
150 160.0 117.6 176.4
115 62.6 47.1 70.7



#5
2-Fluorophenol
Concen: 94.504 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

Tgt Ion:112 Resp: 888272
Ion Ratio Lower Upper
112 100
64 72.4 44.2 66.2#
63 38.9 26.2 39.2

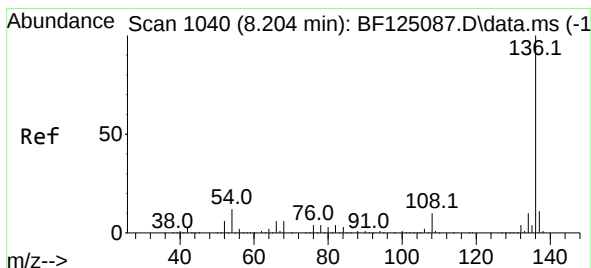
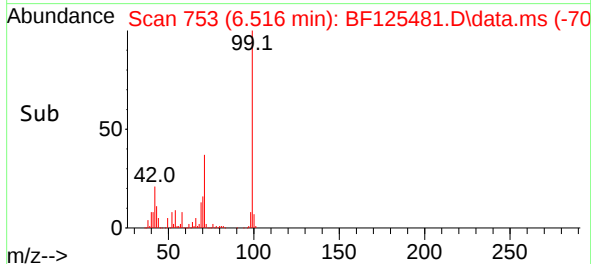
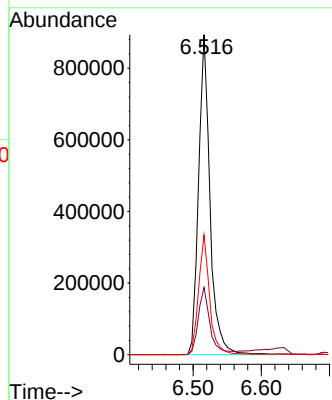
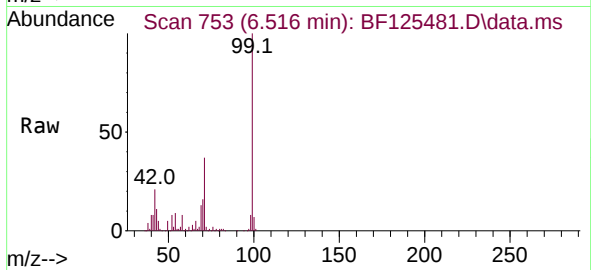




#7
Phenol-d6
Concen: 85.659 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

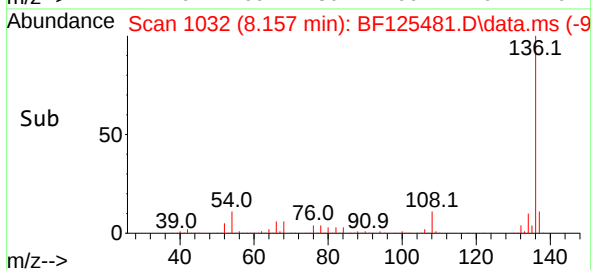
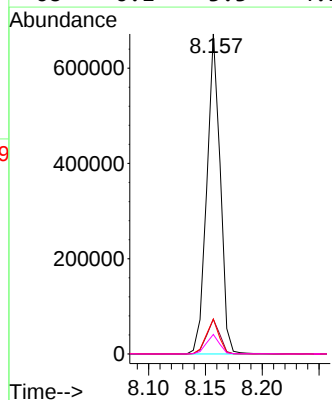
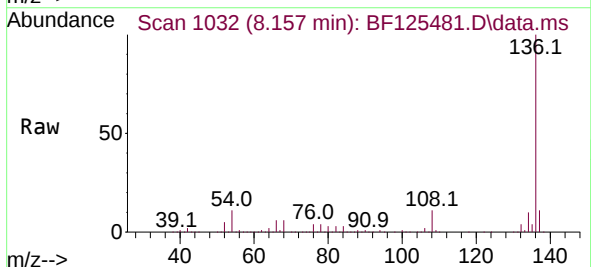
Instrument :
BNA_F
ClientSampleId :
FLOOR

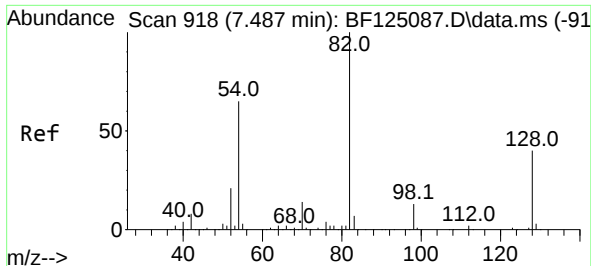
Tgt Ion: 99 Resp: 1041301
Ion Ratio Lower Upper
99 100
42 21.0 23.5 35.3#
71 37.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

Tgt Ion: 136 Resp: 551317
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.9 6.4 9.6#
68 6.1 3.3 4.9#

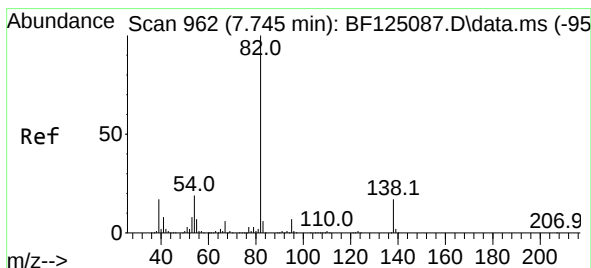
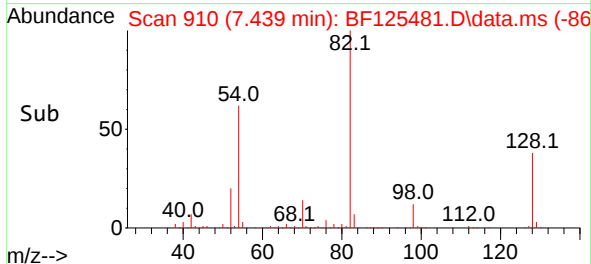
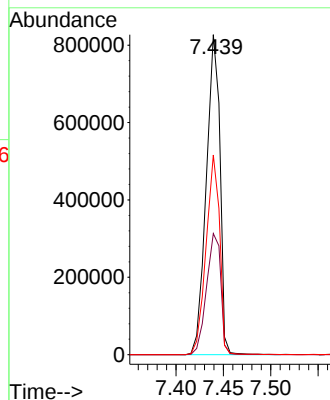
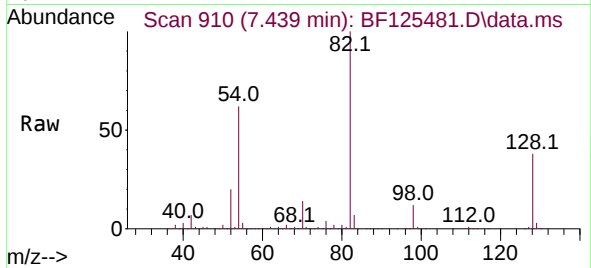




#23
Nitrobenzene-d5
Concen: 75.894 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

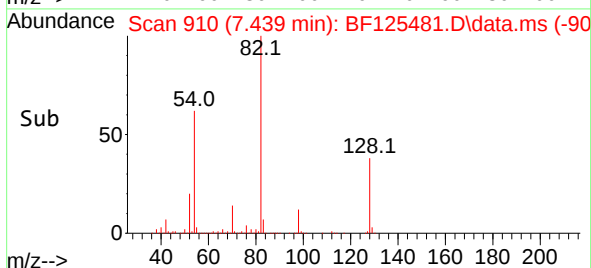
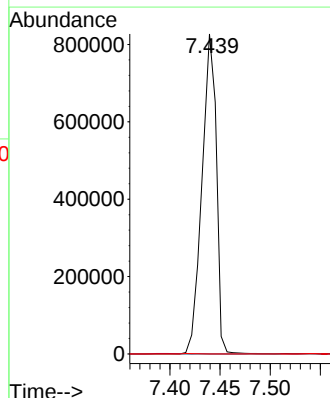
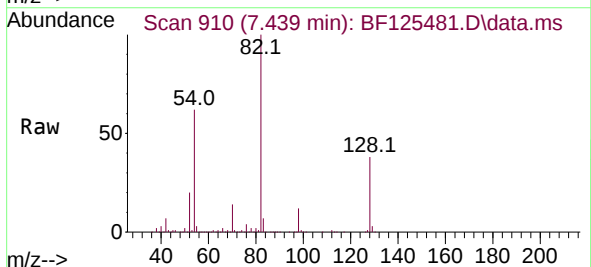
Instrument :
BNA_F
ClientSampleId :
FLOOR

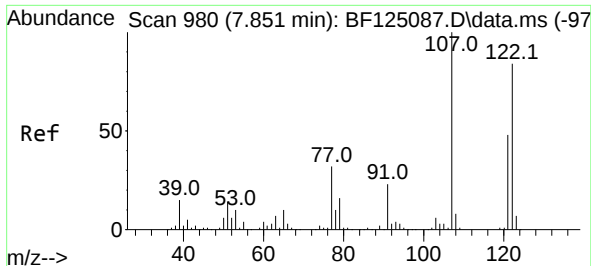
Tgt Ion: 82 Resp: 831118
Ion Ratio Lower Upper
82 100
128 37.8 40.6 60.8#
54 62.4 49.6 74.4



#25
Isophorone
Concen: 39.341 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

Tgt Ion: 82 Resp: 831110
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

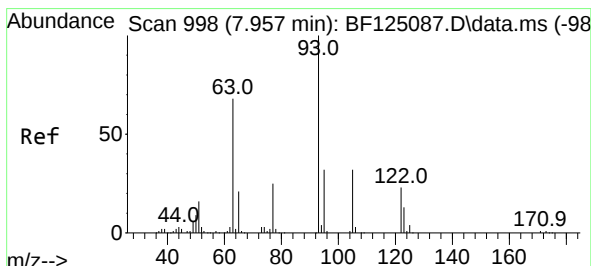
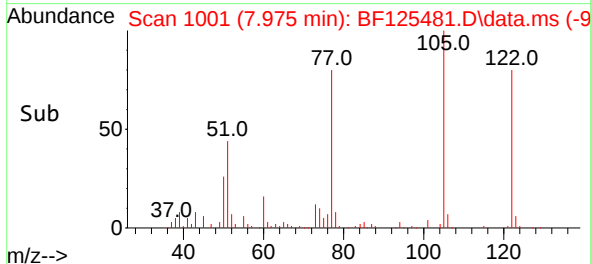
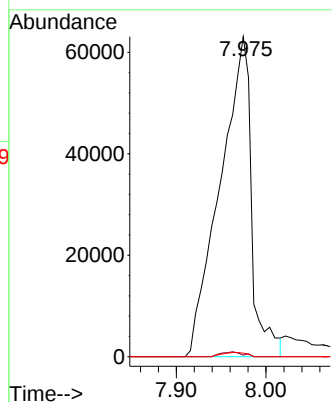
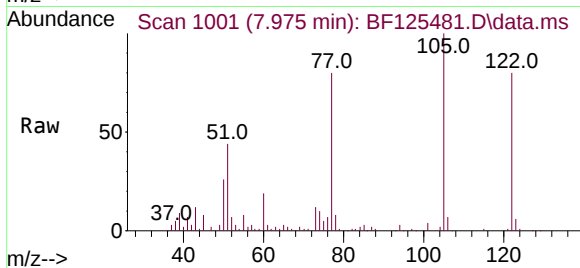




#27
2,4-Dimethylphenol
Concen: 18.388 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.159 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

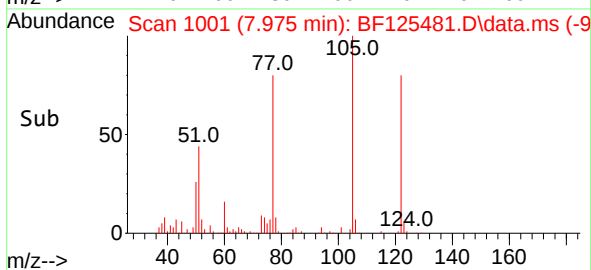
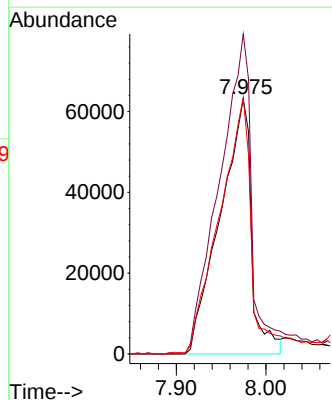
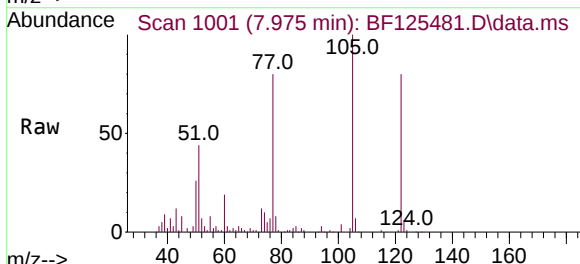
Instrument :
BNA_F
ClientSampleId :
FLOOR

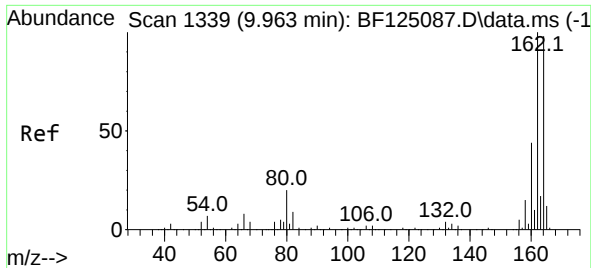
Tgt Ion:122 Resp: 153381
Ion Ratio Lower Upper
122 100
107 0.5 85.0 127.6#
121 1.1 43.3 64.9#



#32
Benzoic acid
Concen: 27.092 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.012 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

Tgt Ion:122 Resp: 153381
Ion Ratio Lower Upper
122 100
105 125.6 97.6 137.6
77 100.6 59.6 99.6#

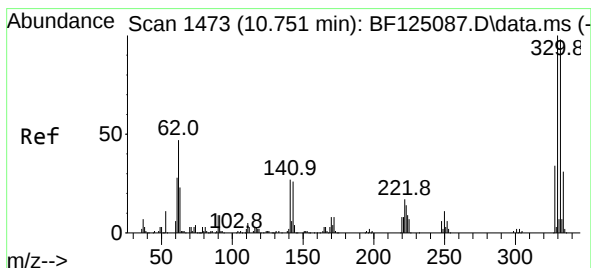
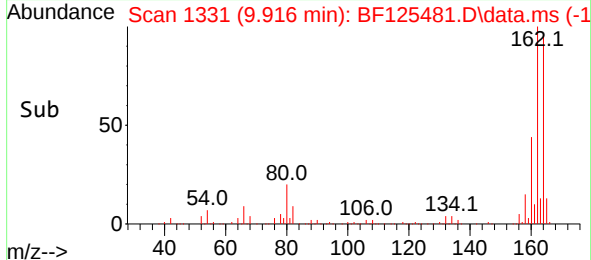
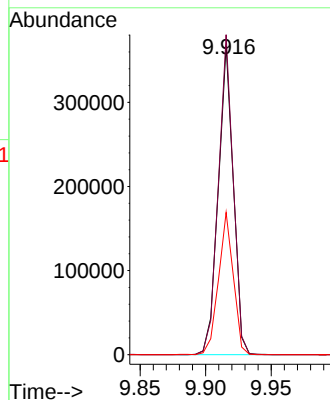
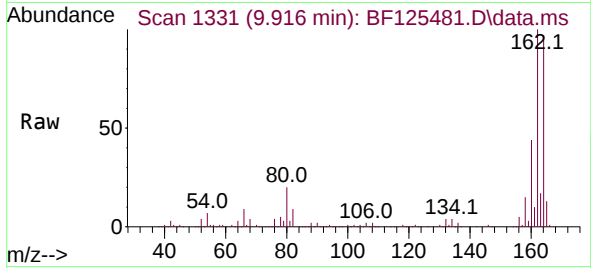




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

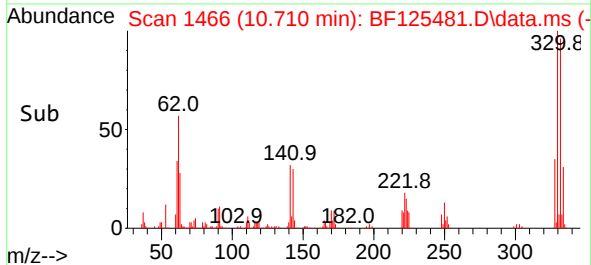
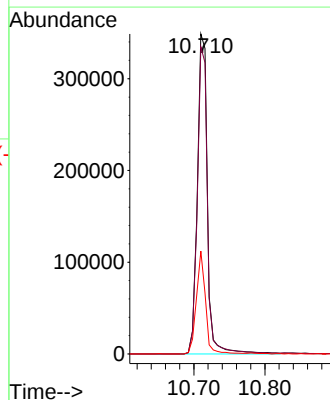
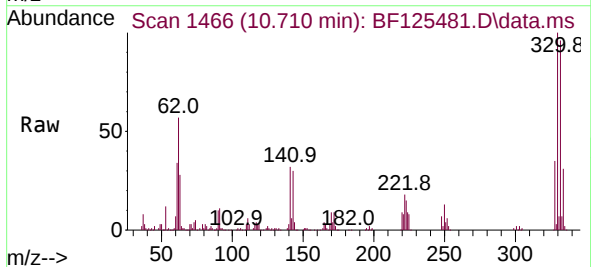
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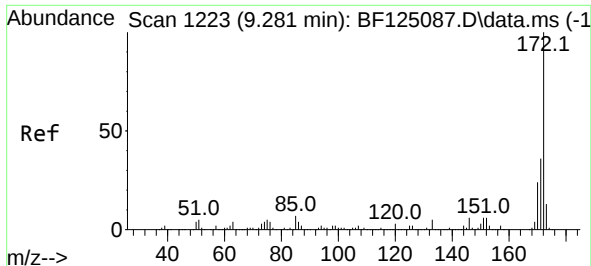
Tgt Ion:164 Resp: 293095
Ion Ratio Lower Upper
164 100
162 103.6 81.3 121.9
160 46.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 118.189 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

Tgt Ion:330 Resp: 345790
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 29.0 44.6 66.8#

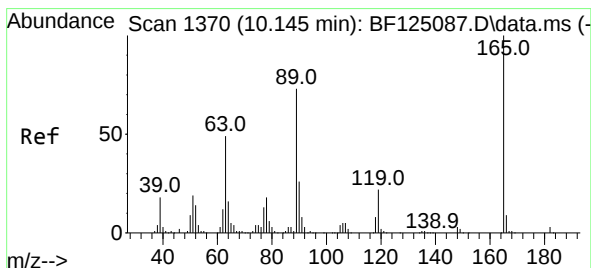
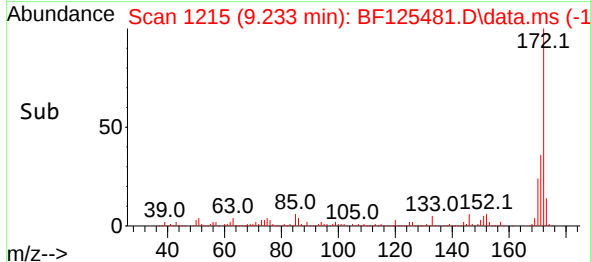
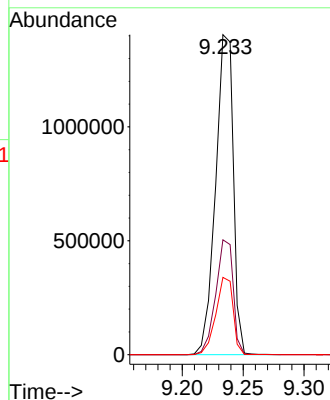
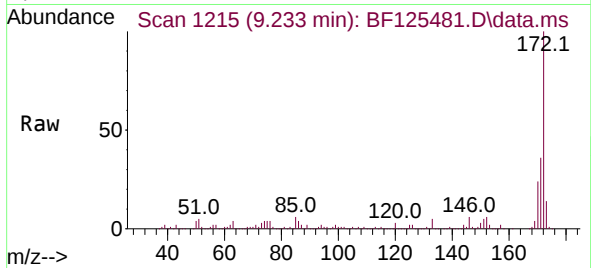




#45
2-Fluorobiphenyl
Concen: 67.725 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

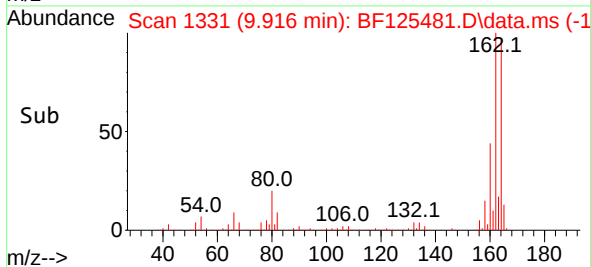
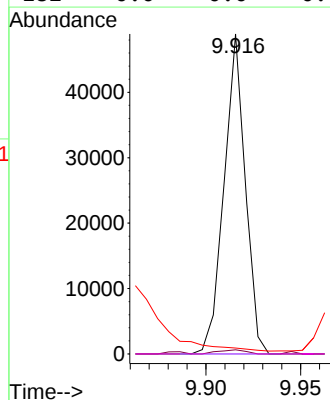
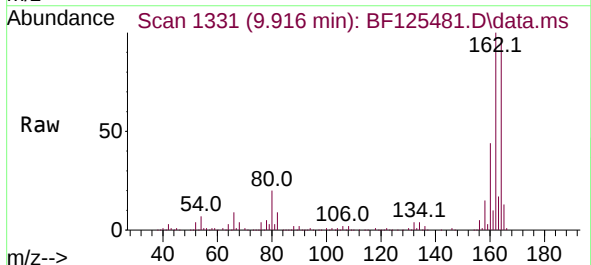
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BNA_F
ClientSampleId :
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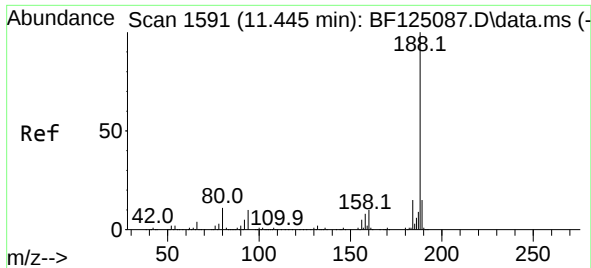
Tgt Ion:172 Resp: 1424228
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.2 18.8 28.2



#57
2,4-Dinitrotoluene
Concen: 7.157 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

Tgt Ion:165 Resp: 38150
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.9 59.7 89.5#
182 0.0 0.0 0.0

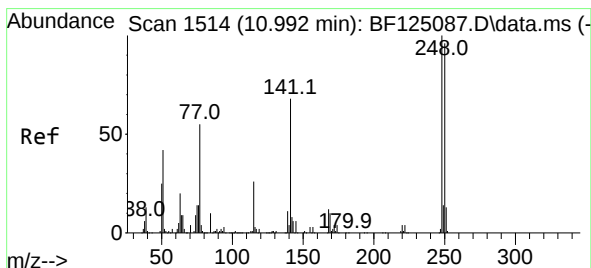
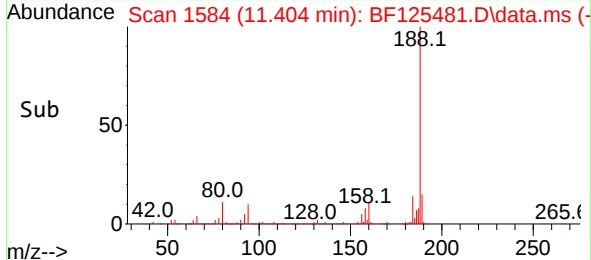
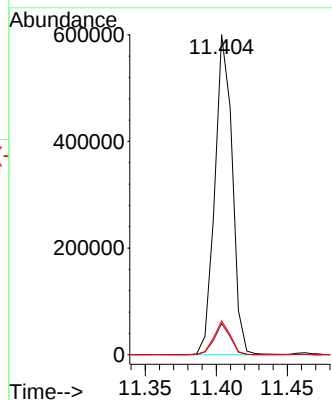
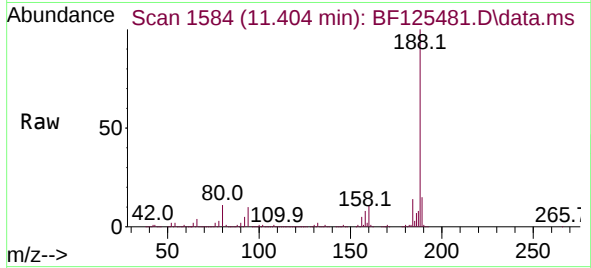




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

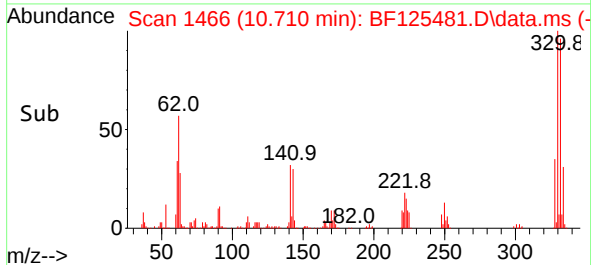
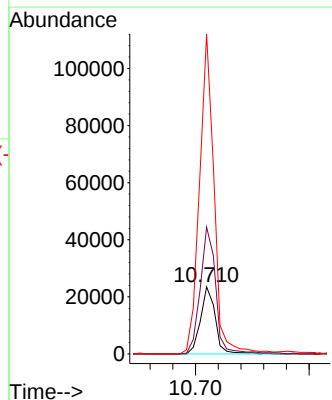
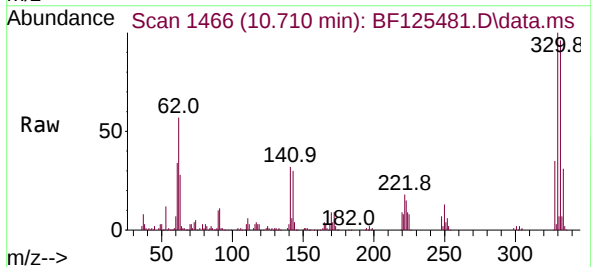
Instrument :
BNA_F
ClientSampled :
FLOOR

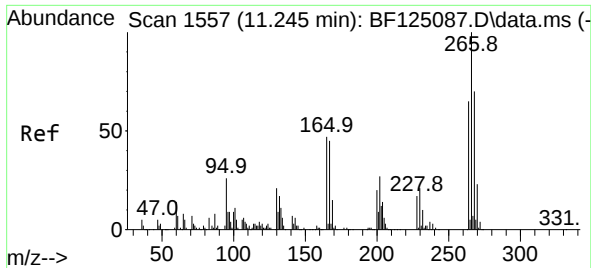
Tgt Ion:188 Resp: 510873
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 10.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.466 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

Tgt Ion:248 Resp: 21262
Ion Ratio Lower Upper
248 100
250 189.0 74.2 111.4#
141 476.4 60.4 90.6#

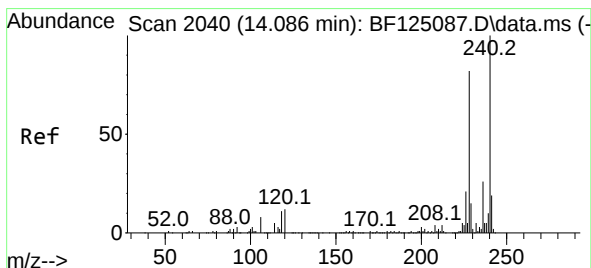
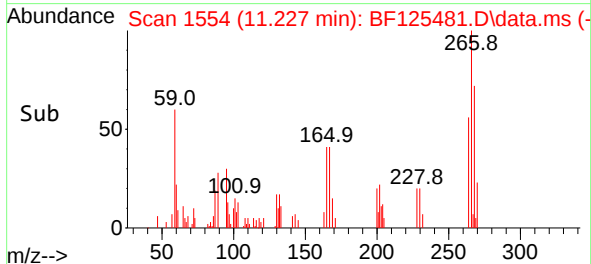
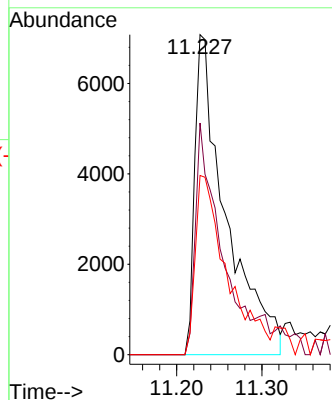
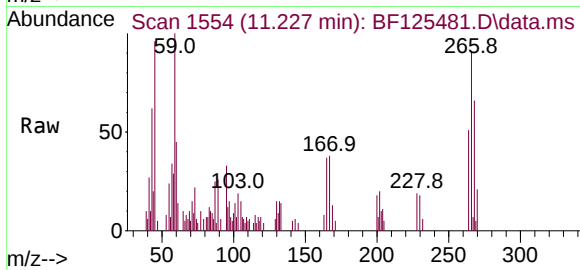




#70
 Pentachlorophenol
 Concen: 4.855 ng
 RT: 11.227 min Scan# 1554
 Delta R.T. 0.012 min
 Lab File: BF125481.D
 Acq: 14 Sep 2021 19:04

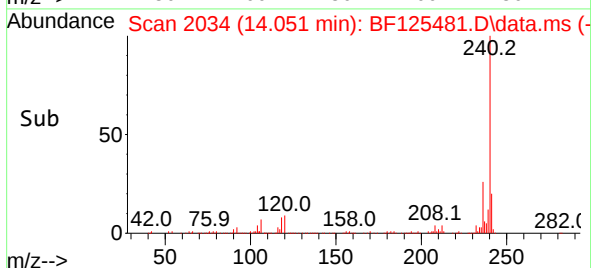
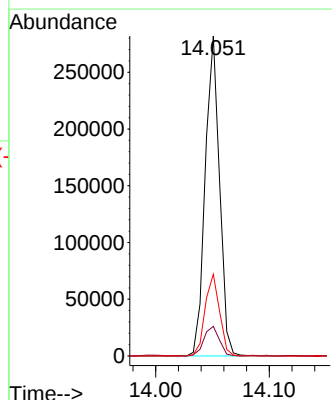
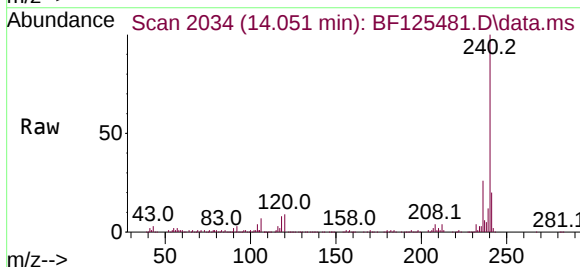
Instrument :
 BNA_F
 ClientSampleID :
 FLOOR

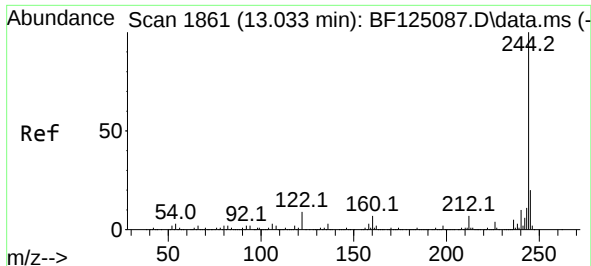
Tgt Ion:	266	Resp:	17889
Ion Ratio	Lower	Upper	
266	100		
268	72.4	48.9	73.3
264	56.0	55.9	83.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.012 min
 Lab File: BF125481.D
 Acq: 14 Sep 2021 19:04

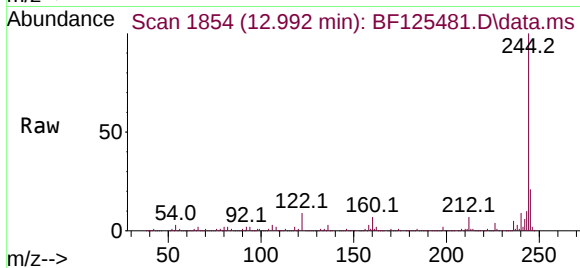
Tgt Ion:	240	Resp:	246209
Ion Ratio	Lower	Upper	
240	100		
120	9.2	10.8	16.2#
236	25.6	21.6	32.4



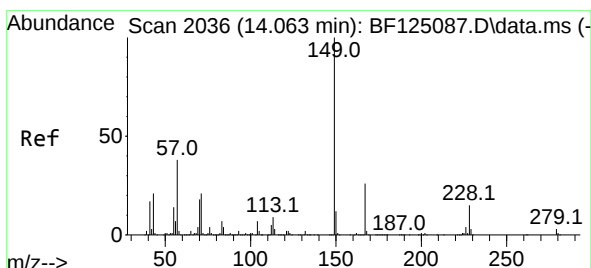
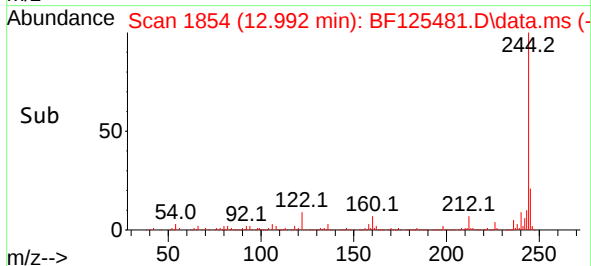
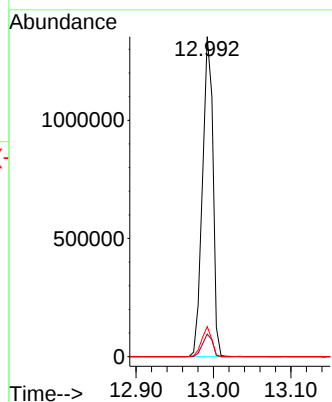


#79
Terphenyl-d14
Concen: 82.343 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

Instrument :
BNA_F
ClientSampleId :
FLOOR

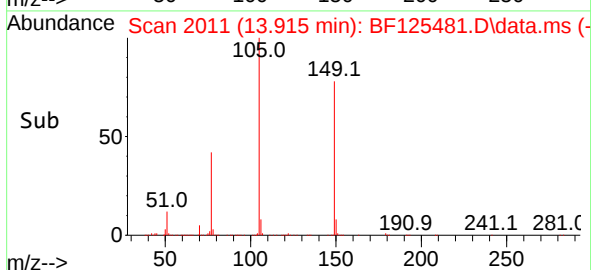
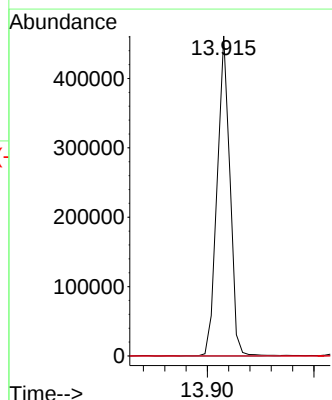
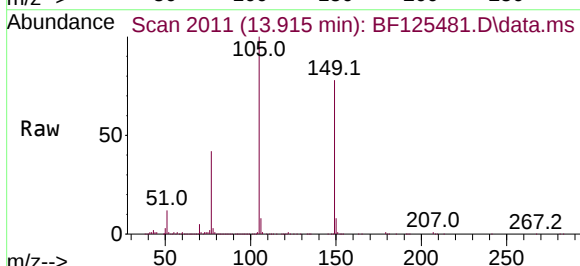


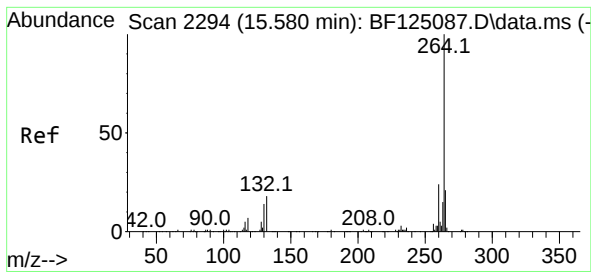
Tgt Ion:244 Resp: 1272592
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.4 9.0 13.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 33.535 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.112 min
Lab File: BF125481.D
Acq: 14 Sep 2021 19:04

Tgt Ion:149 Resp: 382494
Ion Ratio Lower Upper
149 100
167 0.0 21.4 32.0#
279 0.0 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: BF125481.D
Acq: 14 Sep 2021 19:04

Instrument :
BNA_F
ClientSampleId :
FLOOR

Tgt Ion:264	Resp:	292799
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.6 29.4
265	21.7	17.2 25.8

