

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125478.D
 Acq On : 14 Sep 2021 17:26
 Operator : JU/CG
 Sample : M3722-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALLS

Quant Time: Sep 14 17:50:43 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)

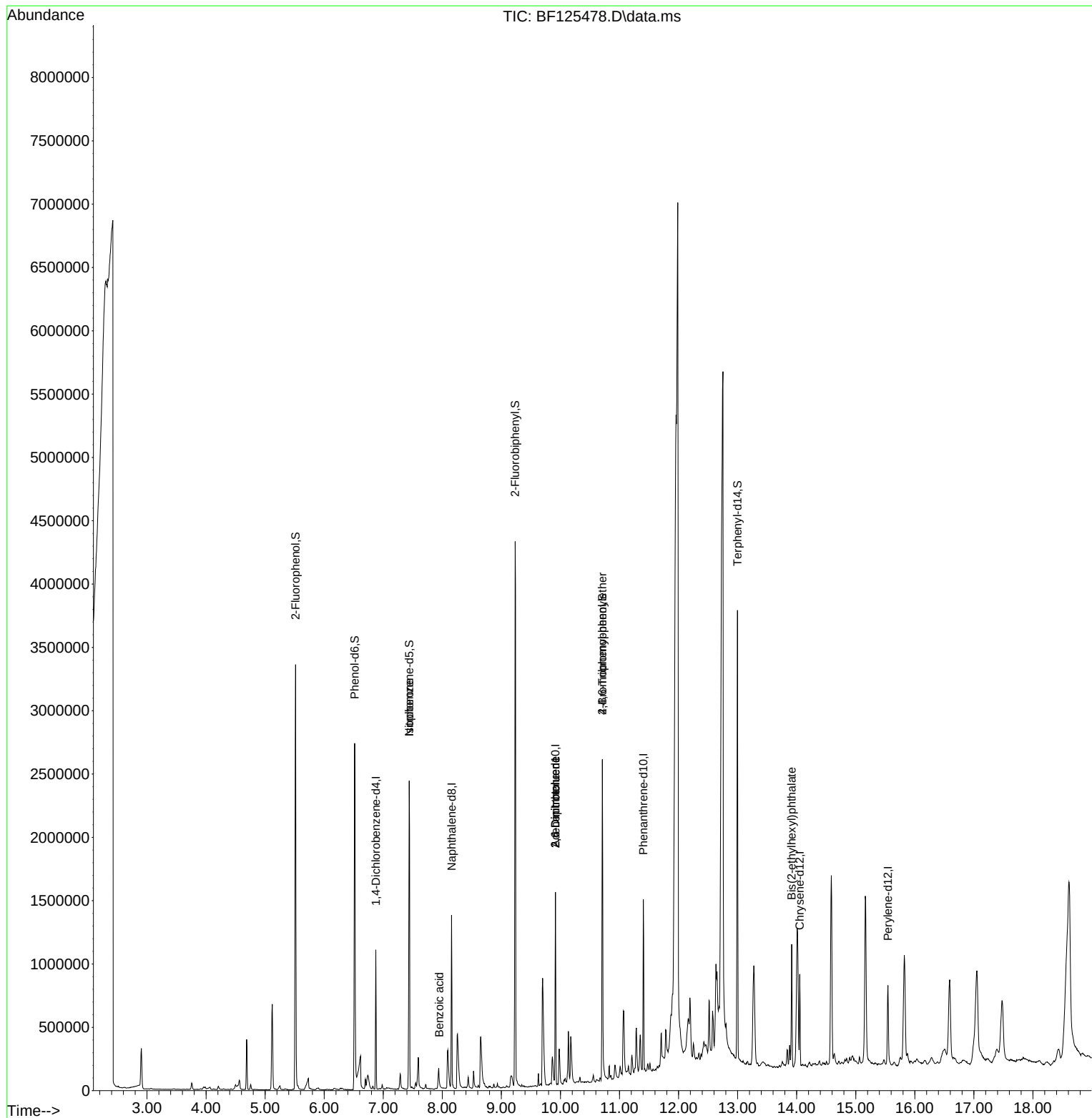
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	139982	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	533819	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	288264	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	482004	20.000	ng	0.00
76) Chrysene-d12	14.051	240	239206	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	287295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	875491	94.665	ng	0.01
7) Phenol-d6	6.516	99	1017064	85.032	ng	0.00
23) Nitrobenzene-d5	7.439	82	819824	77.317	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	345903	120.209	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1433034	69.286	ng	0.00
79) Terphenyl-d14	12.998	244	1221313	81.338	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.439	82	819816	40.078	ng	# 59
32) Benzoic acid	7.951	122	11028	2.012	ng	# 84
51) 2,6-Dinitrotoluene	9.916	165	37733	8.711	ng	# 29
57) 2,4-Dinitrotoluene	9.916	165	37733	7.198	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	21402	3.698	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.916	149	261962	23.640	ng	# 53

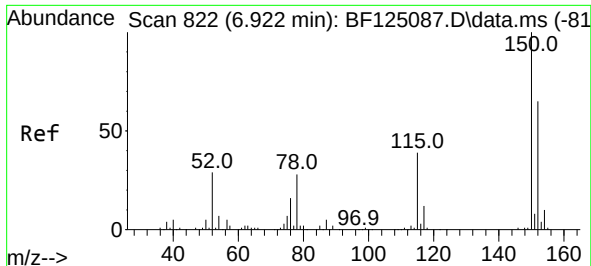
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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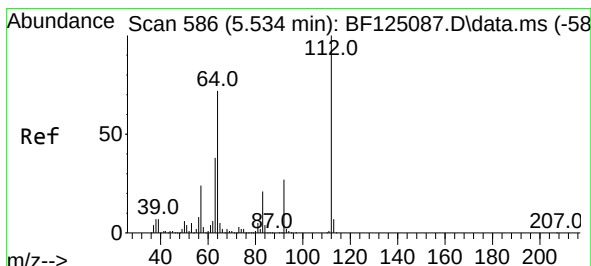
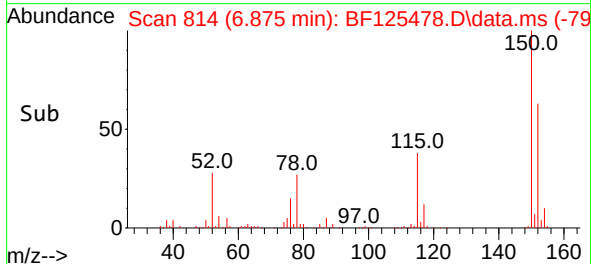
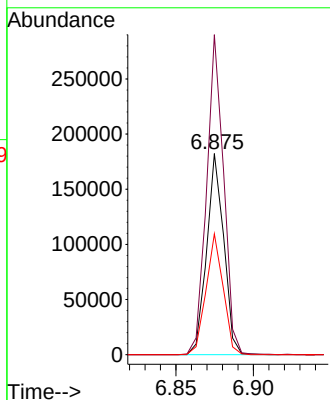
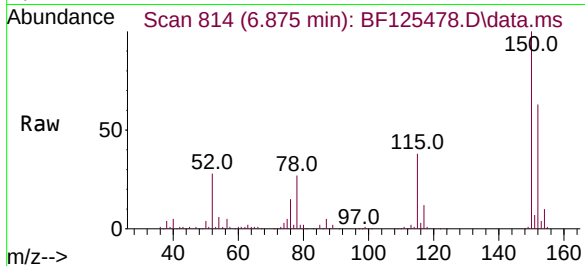




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

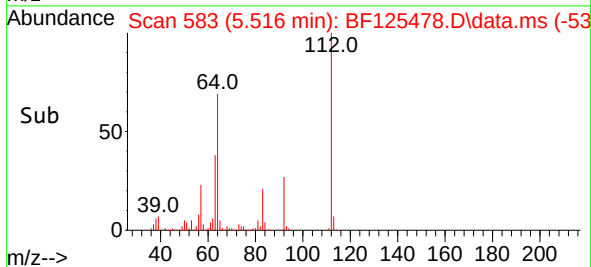
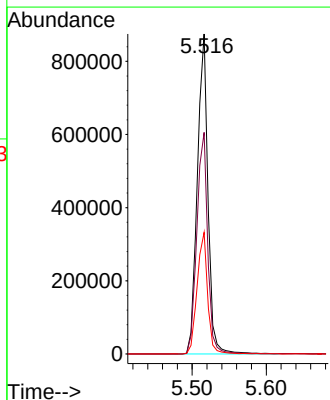
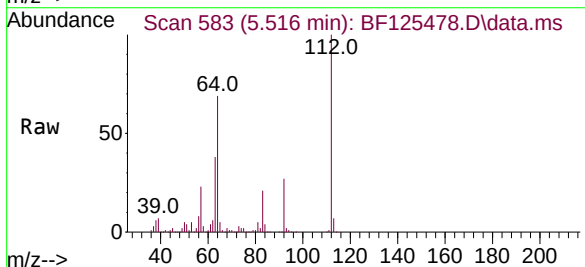
Instrument :
BNA_F
ClientSampleId :
WALLS

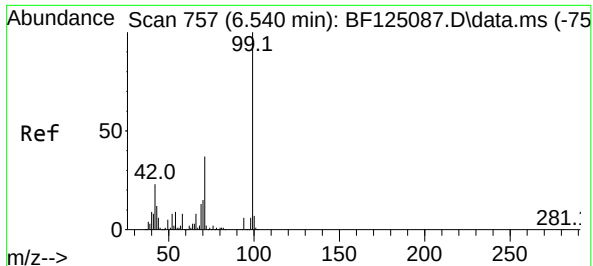
Tgt Ion:152 Resp: 139982
Ion Ratio Lower Upper
152 100
150 159.1 117.6 176.4
115 60.1 47.1 70.7



#5
2-Fluorophenol
Concen: 94.665 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

Tgt Ion:112 Resp: 875491
Ion Ratio Lower Upper
112 100
64 69.2 44.2 66.2#
63 38.0 26.2 39.2

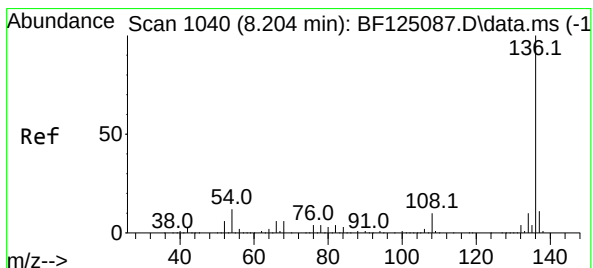
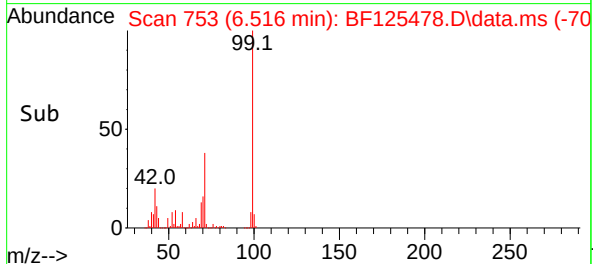
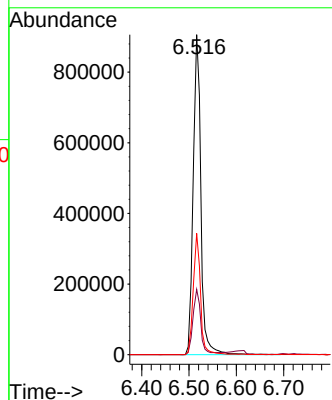
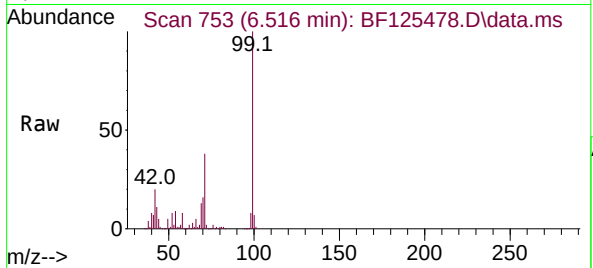




#7
Phenol-d6
Concen: 85.032 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

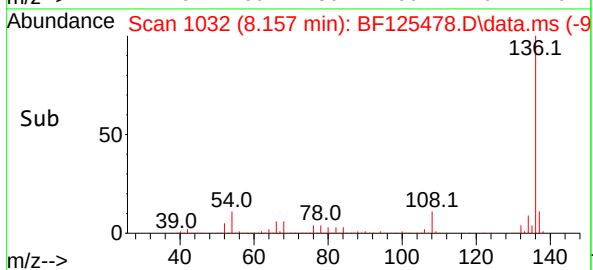
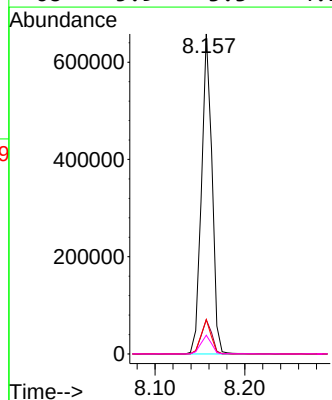
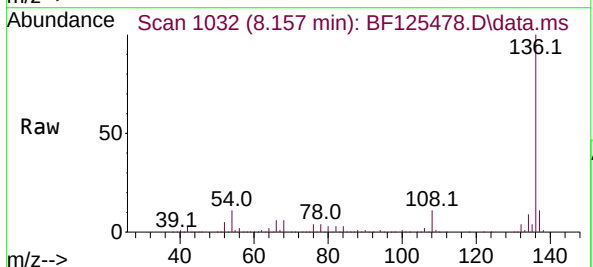
Instrument :
BNA_F
ClientSampleId :
WALLS

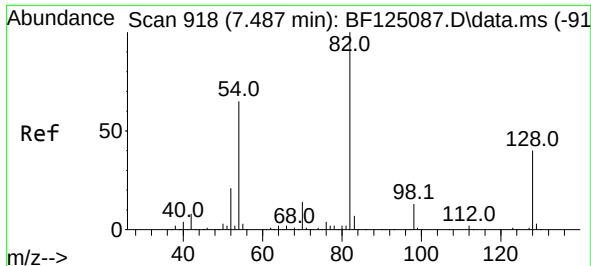
Tgt Ion: 99 Resp: 1017064
Ion Ratio Lower Upper
99 100
42 20.4 23.5 35.3#
71 37.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

Tgt Ion: 136 Resp: 533819
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 10.7 6.4 9.6#
68 5.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 77.317 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF125478.D

Acq: 14 Sep 2021 17:26

Tgt Ion: 82 Resp: 819824

Ion Ratio Lower Upper

82 100

128 38.3 40.6 60.8#

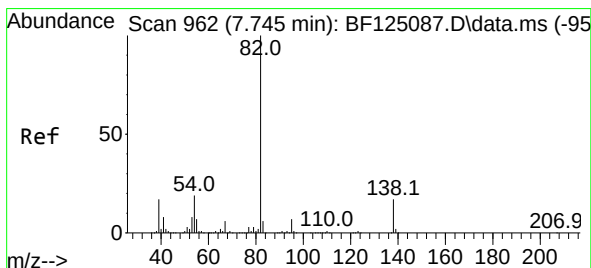
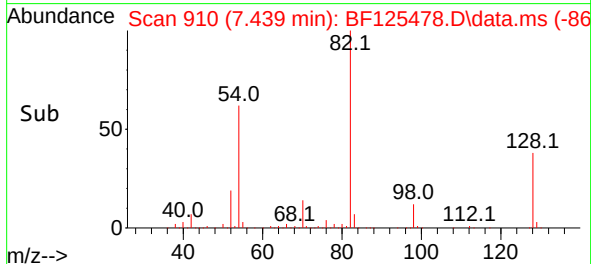
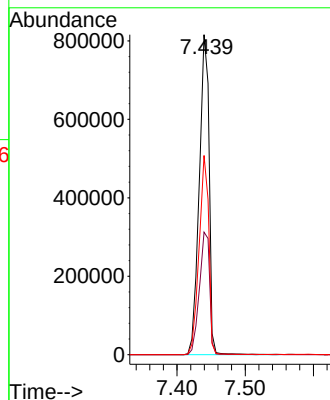
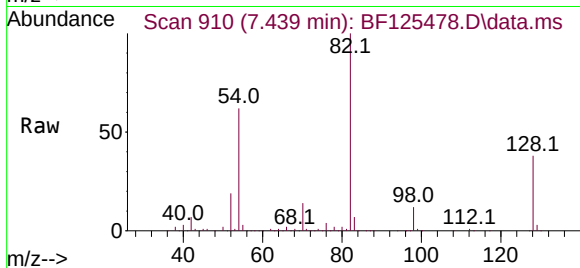
54 62.2 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

WALLS



#25

Isophorone

Concen: 40.078 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.265 min

Lab File: BF125478.D

Acq: 14 Sep 2021 17:26

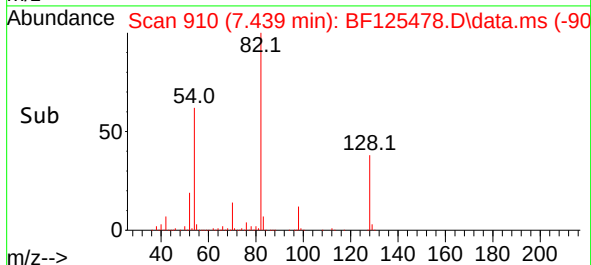
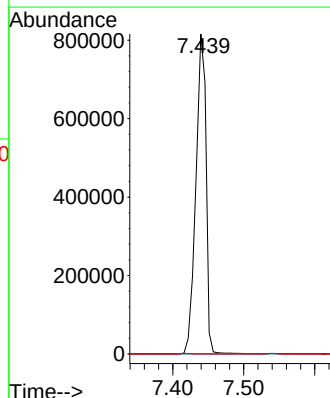
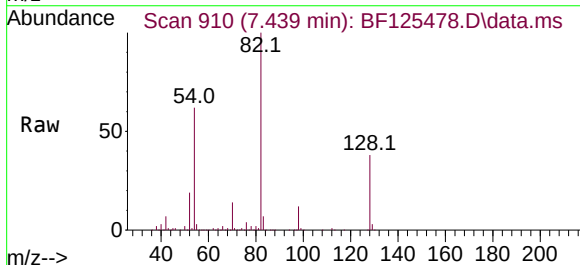
Tgt Ion: 82 Resp: 819816

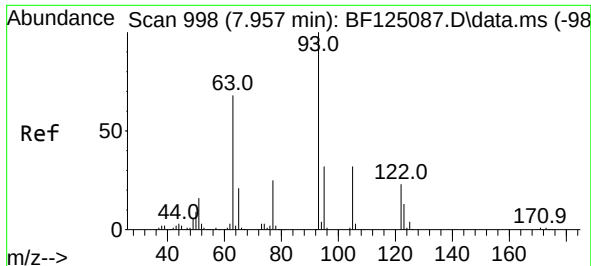
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

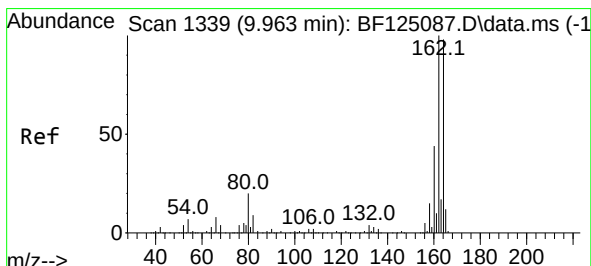
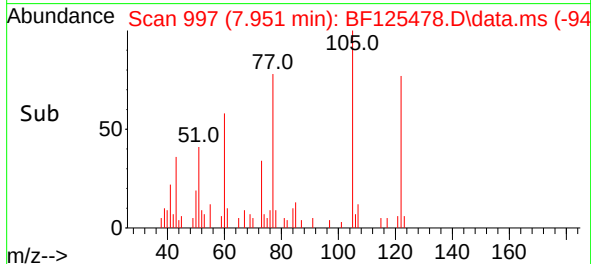
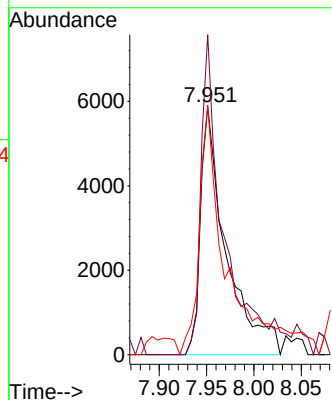
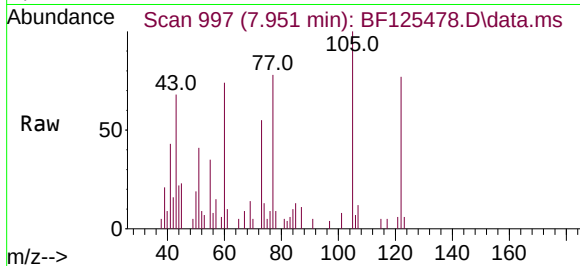




#32
Benzoic acid
Concen: 2.012 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

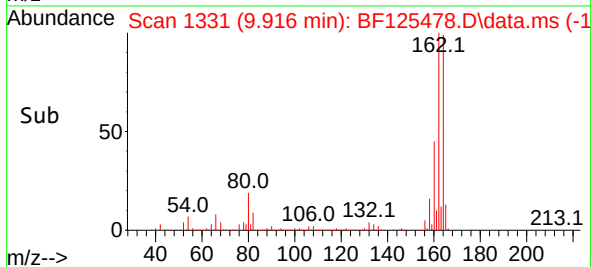
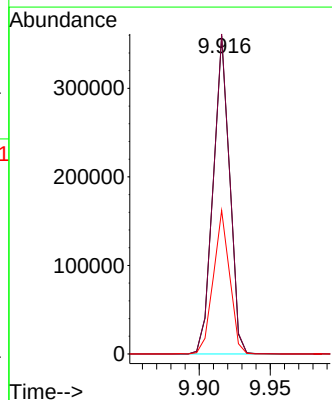
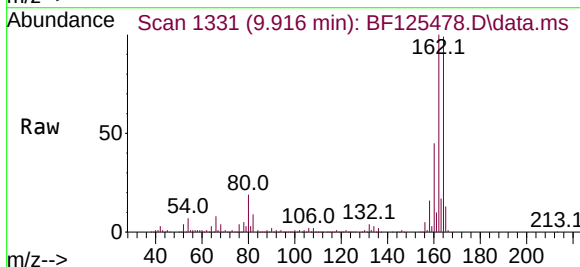
Instrument :
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ClientSampleId :
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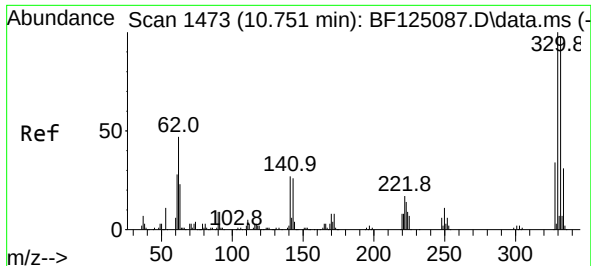
Tgt Ion:122 Resp: 11028
Ion Ratio Lower Upper
122 100
105 129.2 97.6 137.6
77 100.8 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

Tgt Ion:164 Resp: 288264
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 45.1 38.0 57.0

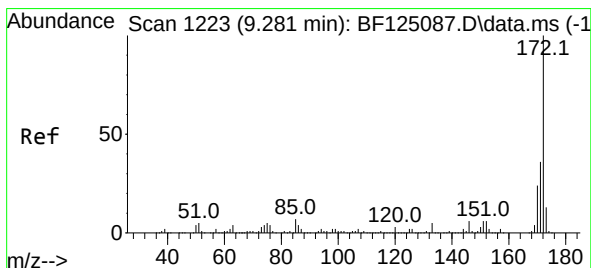
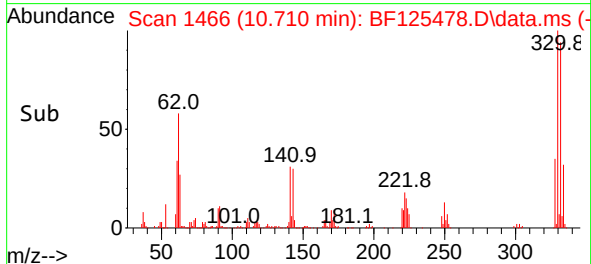
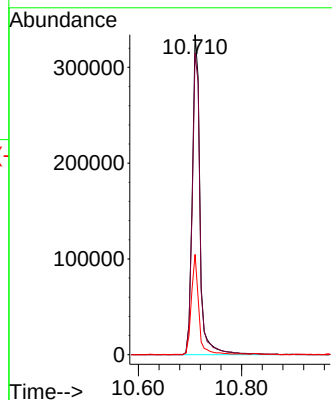
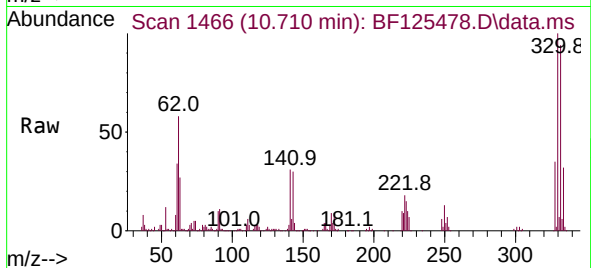




#42
2,4,6-Tribromophenol
Concen: 120.209 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

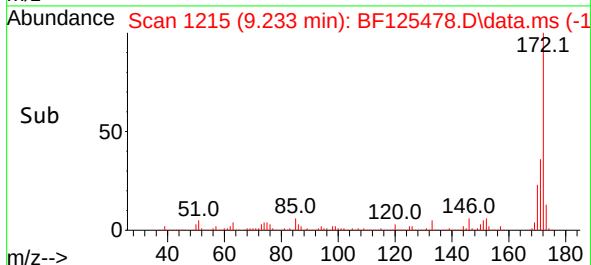
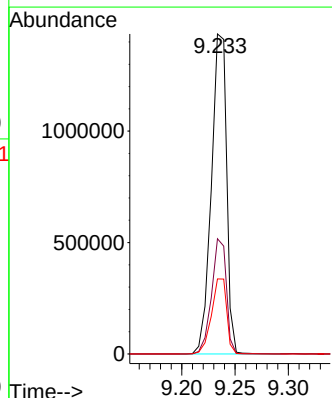
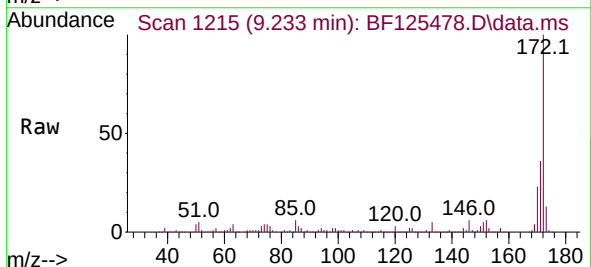
Instrument :
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ClientSampleId :
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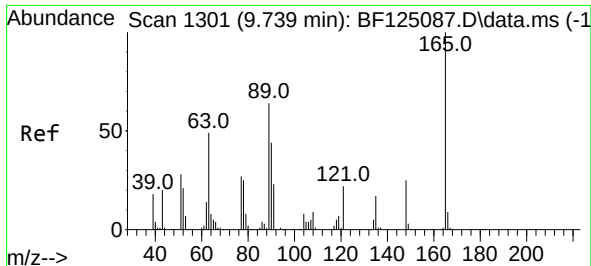
Tgt Ion: 330 Resp: 345903
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 30.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 69.286 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

Tgt Ion: 172 Resp: 1433034
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 23.4 18.8 28.2

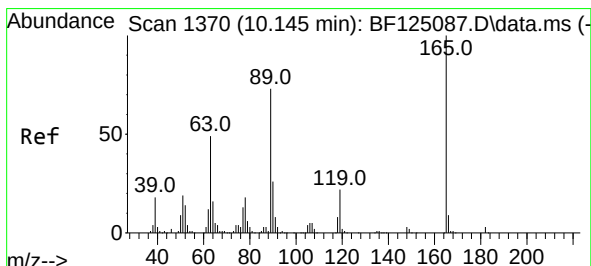
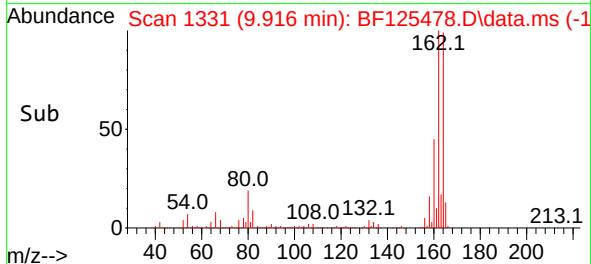
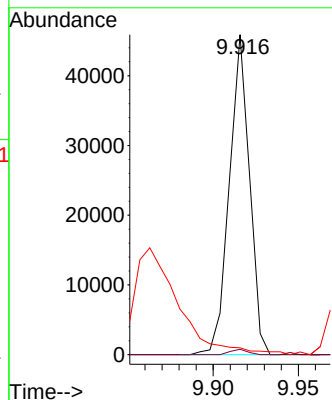
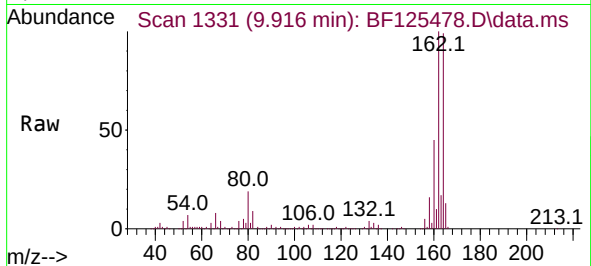




#51
2,6-Dinitrotoluene
Concen: 8.711 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

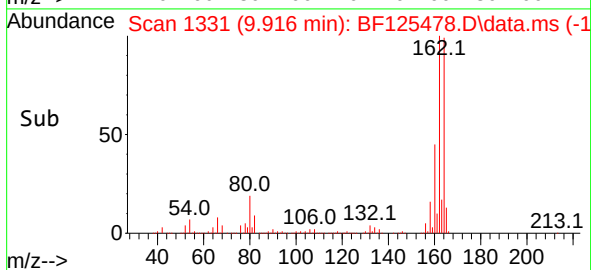
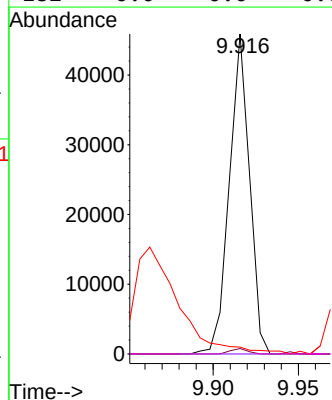
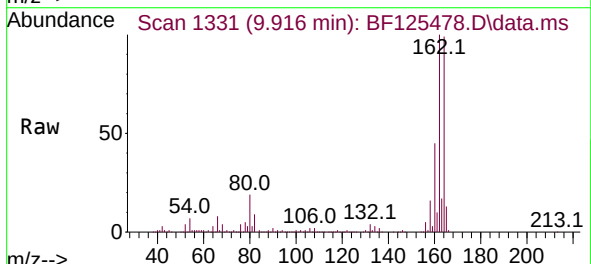
Instrument :
BNA_F
ClientSampled :
WALLS

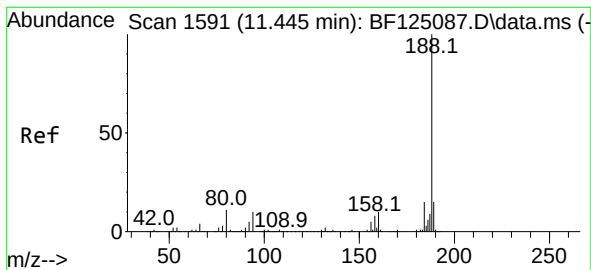
Tgt Ion:165 Resp: 37733
Ion Ratio Lower Upper
165 100
63 1.7 42.6 63.8#
89 2.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.198 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

Tgt Ion:165 Resp: 37733
Ion Ratio Lower Upper
165 100
63 1.7 40.9 61.3#
89 2.1 59.7 89.5#
182 0.0 0.0 0.0

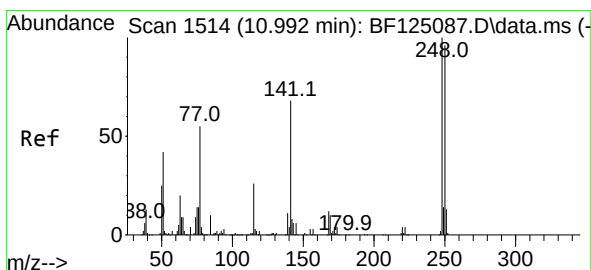
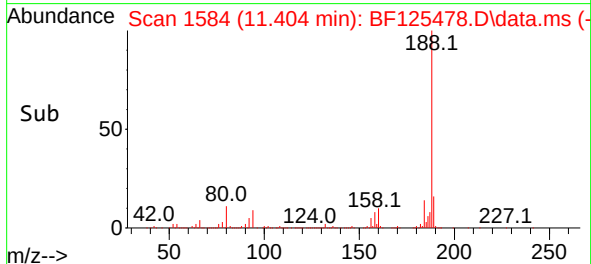
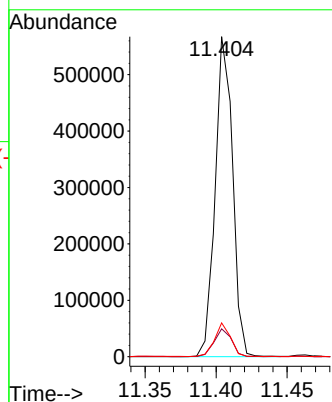
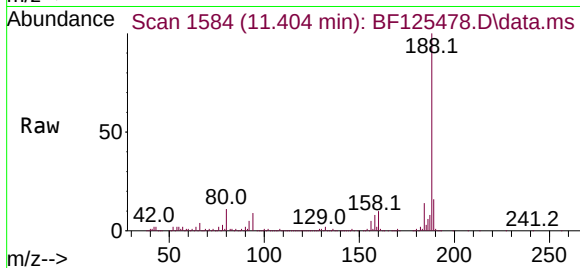




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

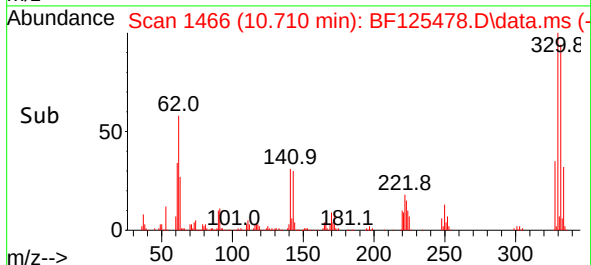
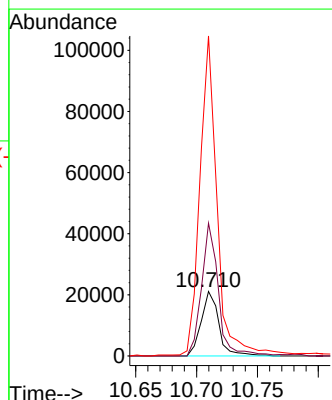
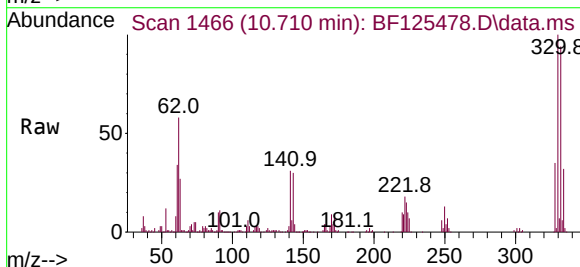
Instrument :
BNA_F
ClientSampled :
WALLS

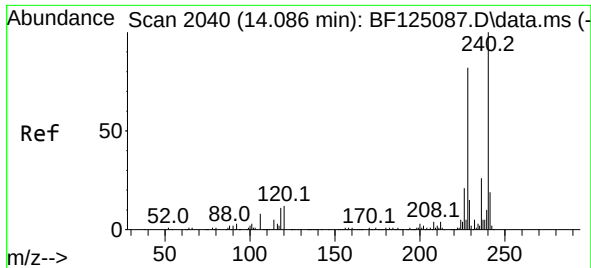
Tgt Ion:188 Resp: 482004
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 10.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.698 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

Tgt Ion:248 Resp: 21402
Ion Ratio Lower Upper
248 100
250 206.1 74.2 111.4#
141 496.4 60.4 90.6#

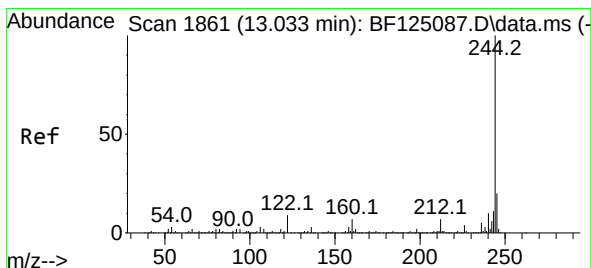
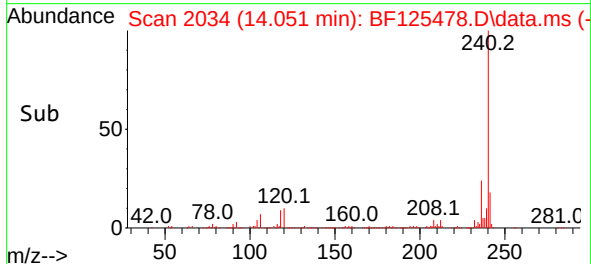
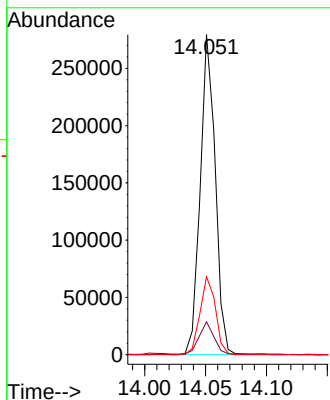
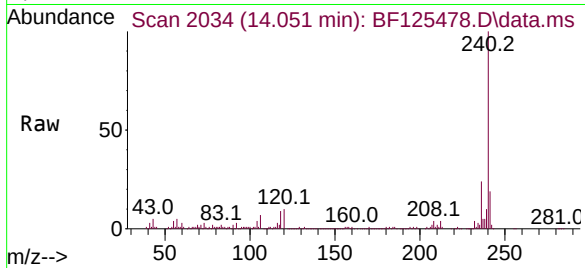




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

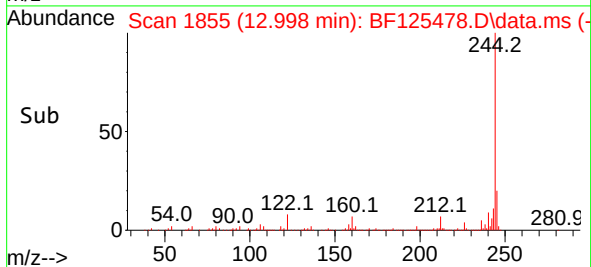
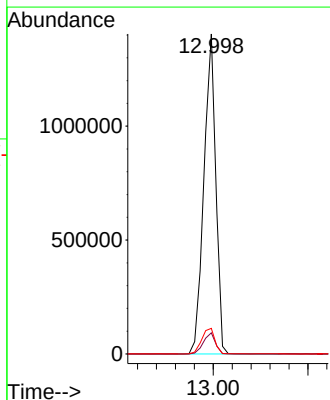
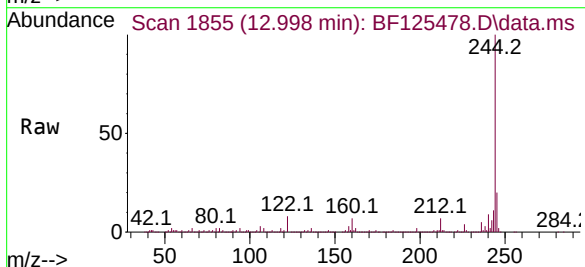
Instrument :
BNA_F
ClientSampleId :
WALLS

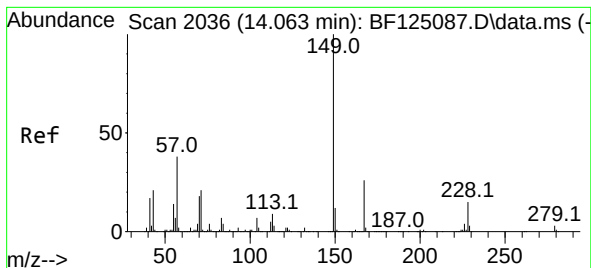
Tgt Ion:240 Resp: 239206
Ion Ratio Lower Upper
240 100
120 10.3 10.8 16.2#
236 24.3 21.6 32.4



#79
Terphenyl-d14
Concen: 81.338 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

Tgt Ion:244 Resp: 1221313
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.0 9.0 13.4#

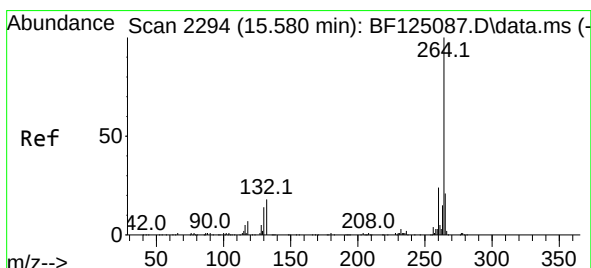
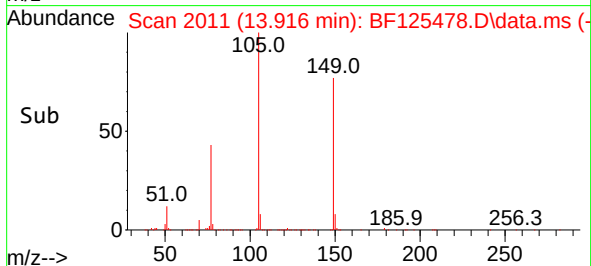
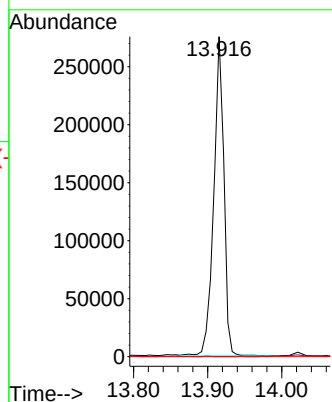
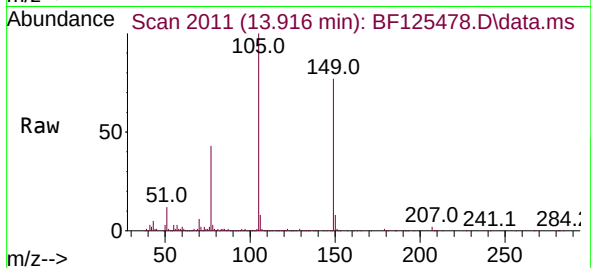




#84
Bis(2-ethylhexyl)phthalate
Concen: 23.640 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.106 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

Instrument :
BNA_F
ClientSampleId :
WALLS

Tgt Ion:149 Resp: 261962
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: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF125478.D
Acq: 14 Sep 2021 17:26

Tgt Ion:264 Resp: 287295
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 20.8 17.2 25.8

