

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125469.D
 Acq On : 14 Sep 2021 11:49
 Operator : JU/CG
 Sample : PB139068TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139016BL

Quant Time: Sep 14 12:17:03 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 11:45:52 2021
 Response via : Initial Calibration

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

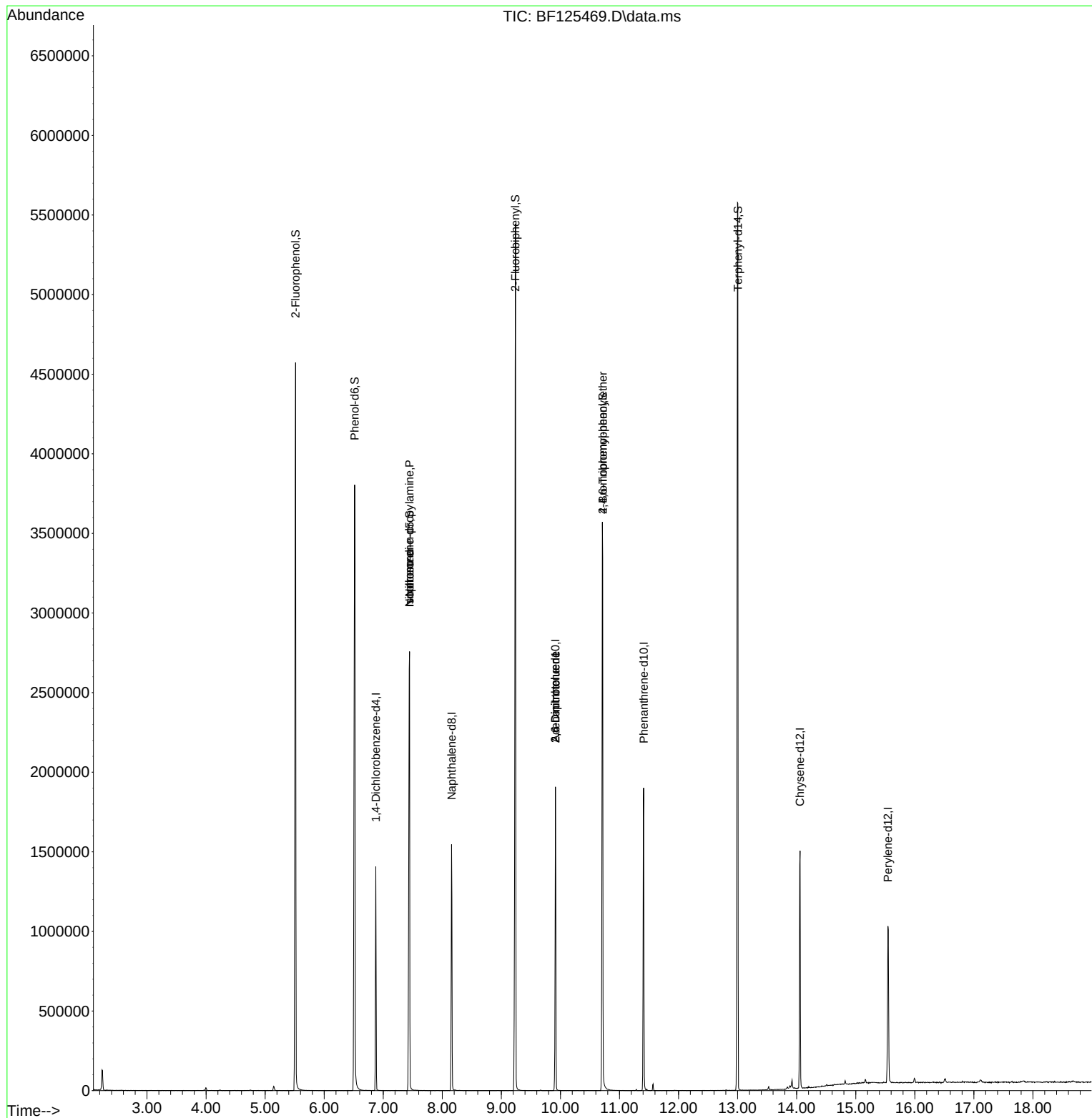
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	184209	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	728864	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	401992	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	755305	20.000	ng	0.00
76) Chrysene-d12	14.057	240	576489	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	487059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1258801	103.433	ng	0.01
7) Phenol-d6	6.516	99	1597154	101.471	ng	0.00
23) Nitrobenzene-d5	7.445	82	1094188	75.578	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	549135	136.847	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1938109	67.195	ng	0.00
79) Terphenyl-d14	13.004	244	2474812	68.390	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	149280	15.768	ng	# 54
25) Isophorone	7.445	82	1089986	39.027	ng	# 59
51) 2,6-Dinitrotoluene	9.916	165	51234	8.482	ng	# 28
57) 2,4-Dinitrotoluene	9.916	165	51234	7.008	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	32397	3.572	ng	# 1

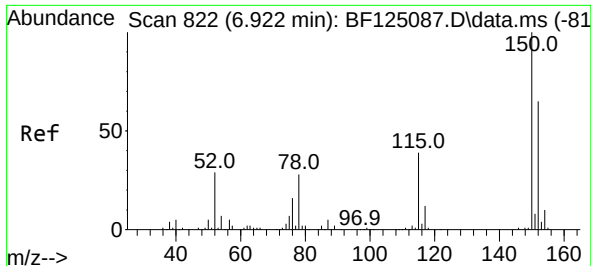
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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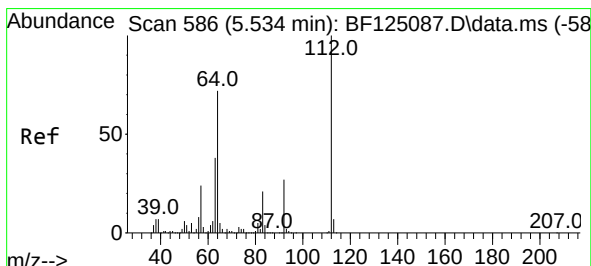
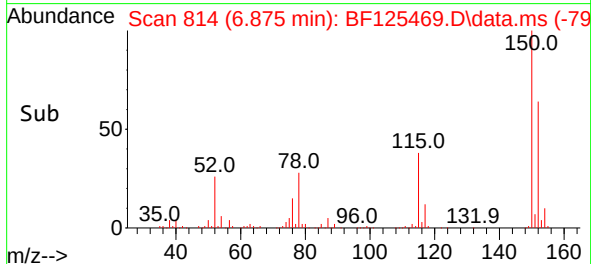
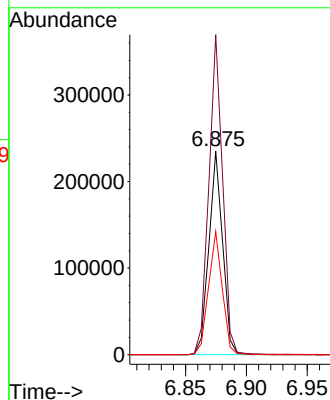
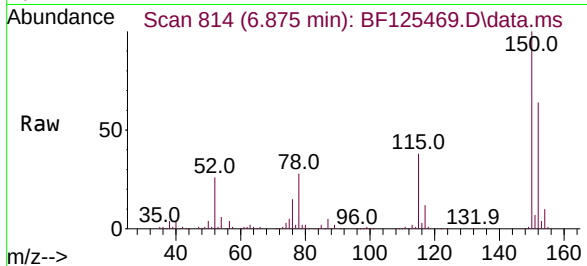




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF125469.D
 Acq: 14 Sep 2021 11:49

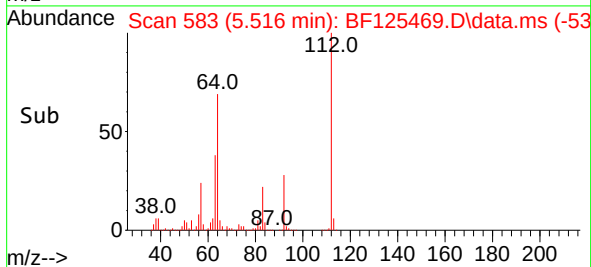
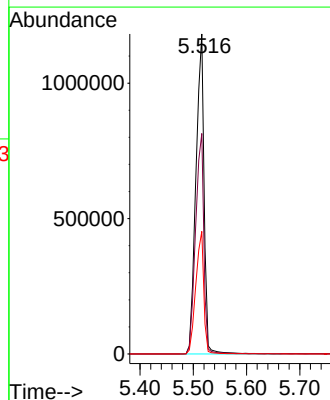
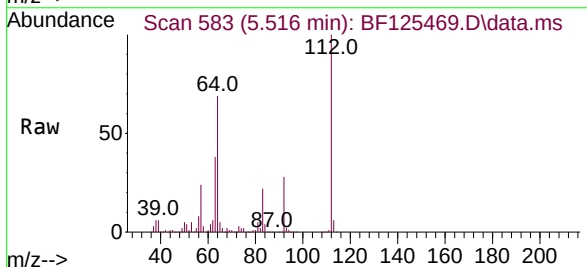
Instrument :
 BNA_F
 ClientSampleId :
 PB139016BL

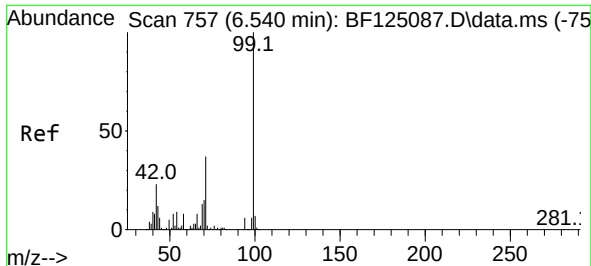
Tgt Ion:152 Resp: 184209
 Ion Ratio Lower Upper
 152 100
 150 157.2 117.6 176.4
 115 60.5 47.1 70.7



#5
 2-Fluorophenol
 Concen: 103.433 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.012 min
 Lab File: BF125469.D
 Acq: 14 Sep 2021 11:49

Tgt Ion:112 Resp: 1258801
 Ion Ratio Lower Upper
 112 100
 64 68.9 44.2 66.2#
 63 38.3 26.2 39.2

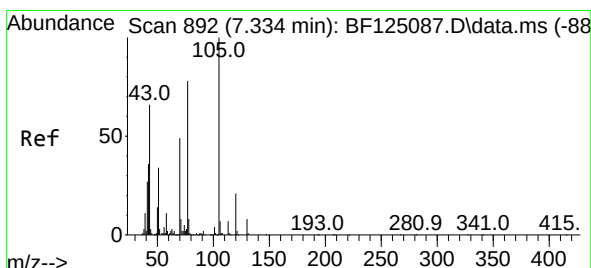
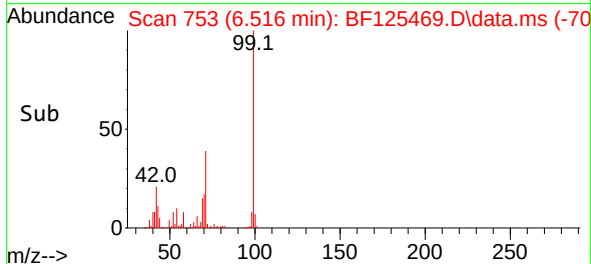
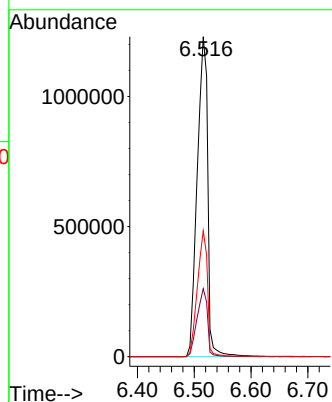
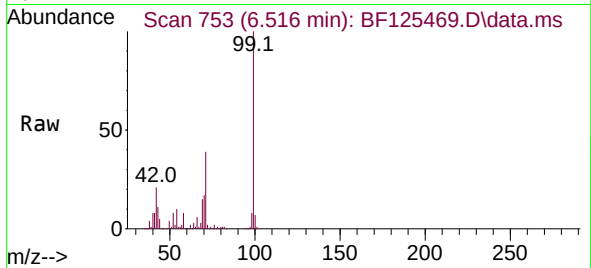




#7
Phenol-d6
Concen: 101.471 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125469.D
Acq: 14 Sep 2021 11:49

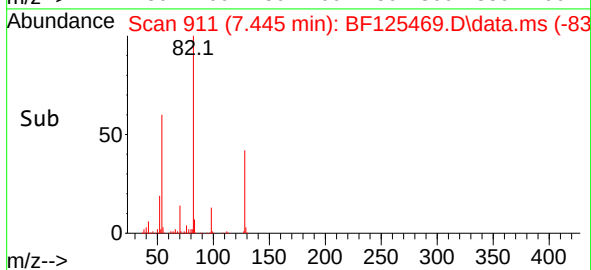
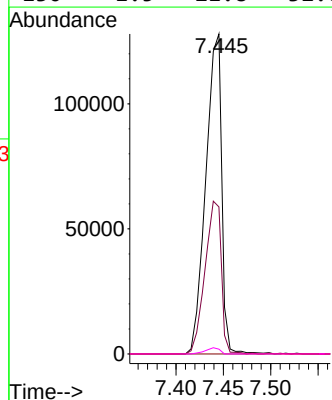
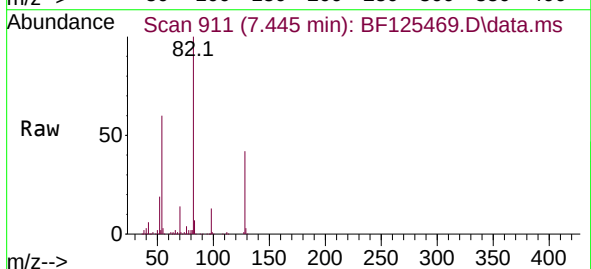
Instrument :
BNA_F
ClientSampleId :
PB139016BL

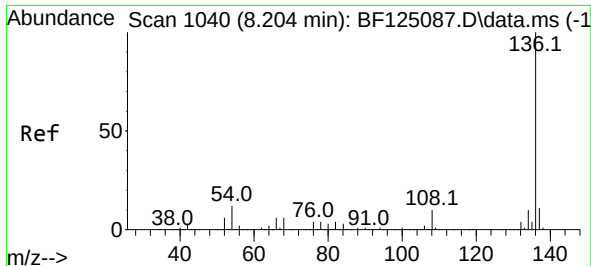
Tgt Ion: 99 Resp: 1597154
Ion Ratio Lower Upper
99 100
42 21.3 23.5 35.3#
71 39.3 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 15.768 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF125469.D
Acq: 14 Sep 2021 11:49

Tgt Ion: 70 Resp: 149280
Ion Ratio Lower Upper
70 100
42 46.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#

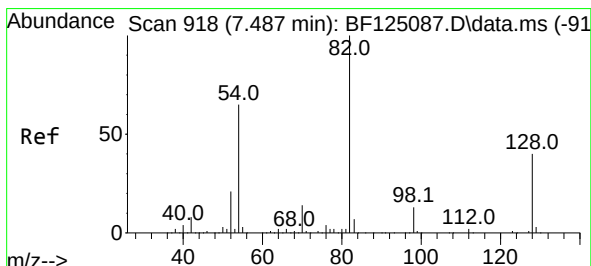
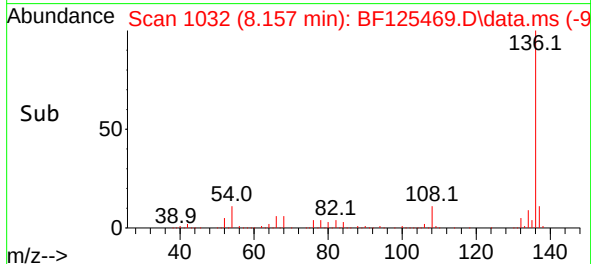
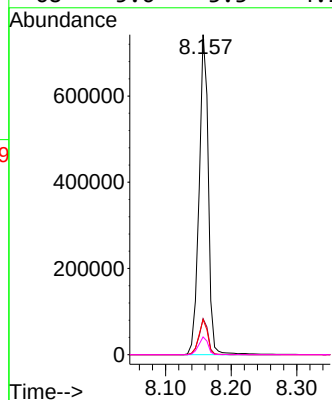
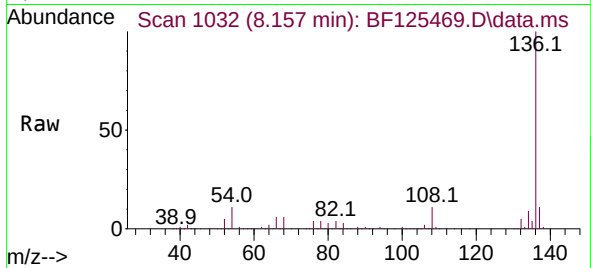




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF125469.D
Acq: 14 Sep 2021 11:49

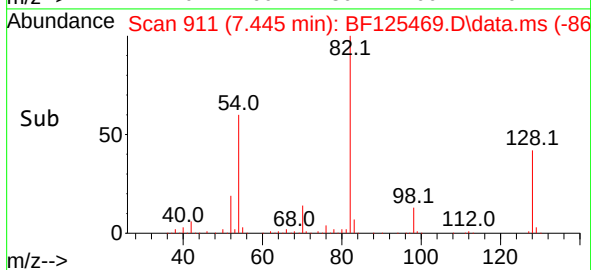
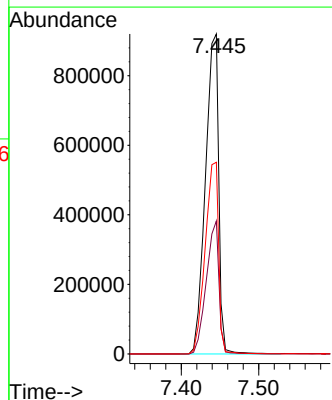
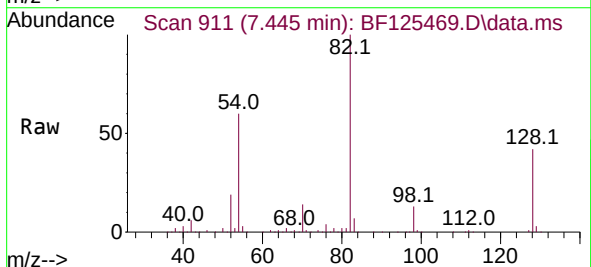
Instrument :
BNA_F
ClientSampleId :
PB139016BL

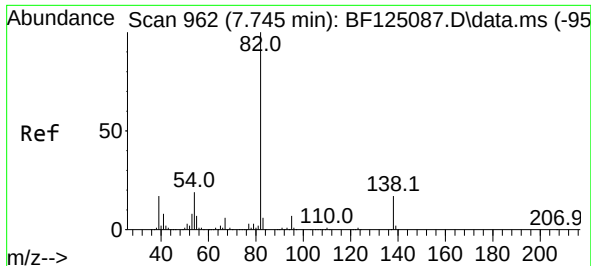
Tgt Ion:136	Resp: 728864
Ion Ratio	Lower Upper
136	100
137	11.3 9.8 14.6
54	10.9 6.4 9.6#
68	5.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 75.578 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125469.D
Acq: 14 Sep 2021 11:49

Tgt Ion: 82	Resp: 1094188
Ion Ratio	Lower Upper
82	100
128	41.6 40.6 60.8
54	59.9 49.6 74.4

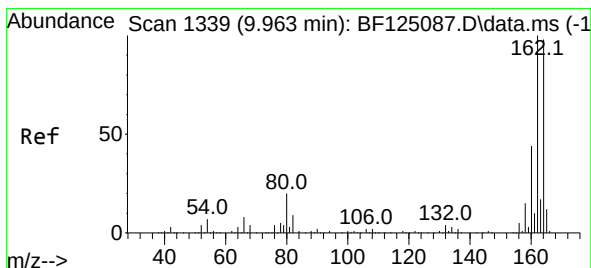
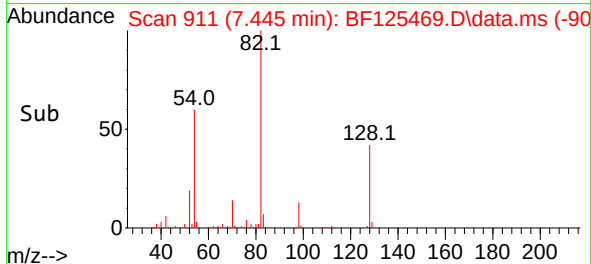
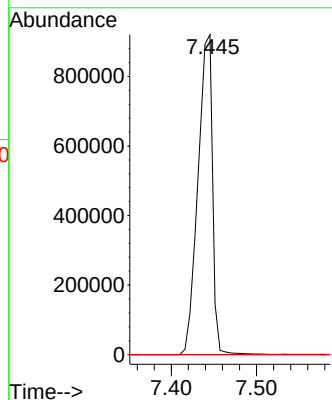
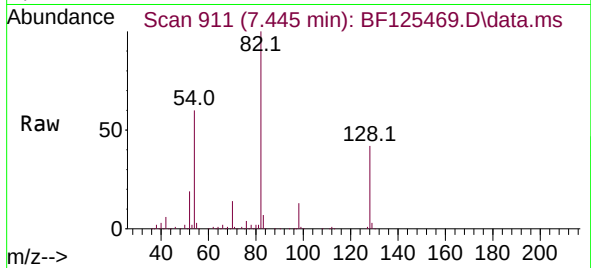




#25
Isophorone
Concen: 39.027 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF125469.D
Acq: 14 Sep 2021 11:49

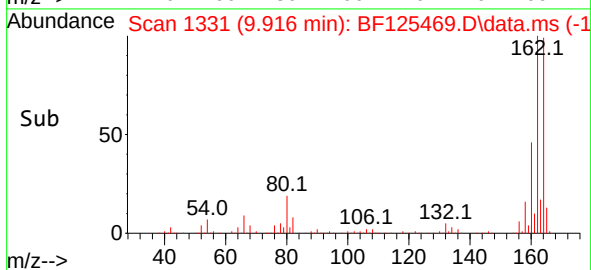
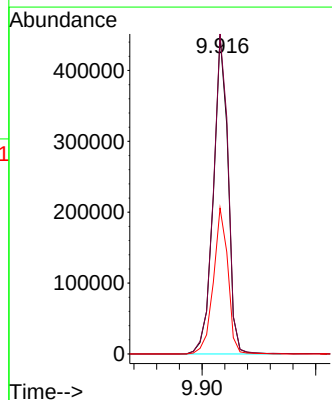
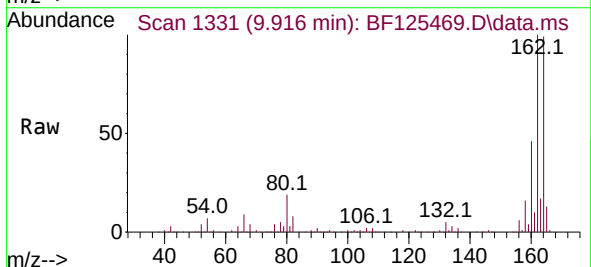
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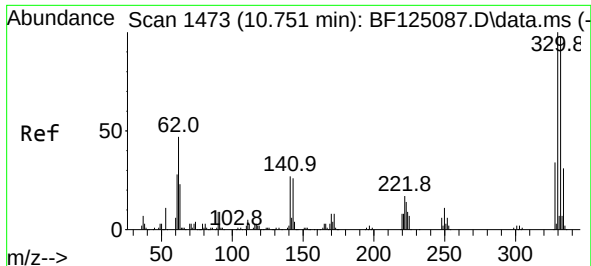
Tgt Ion: 82 Resp: 1089986
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF125469.D
Acq: 14 Sep 2021 11:49

Tgt Ion:164 Resp: 401992
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 45.9 38.0 57.0

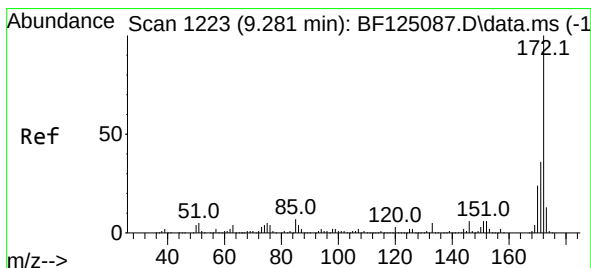
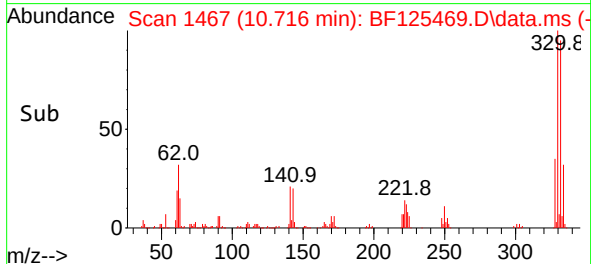
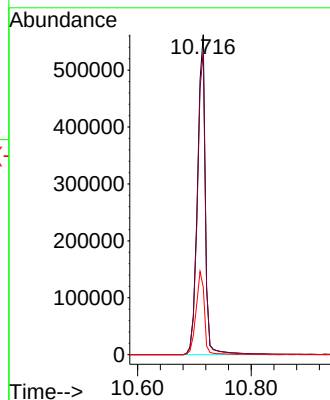
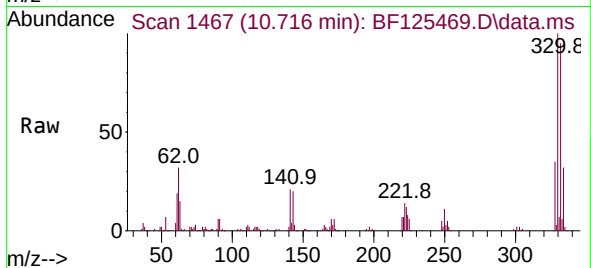




#42
2,4,6-Tribromophenol
Concen: 136.847 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF125469.D
Acq: 14 Sep 2021 11:49

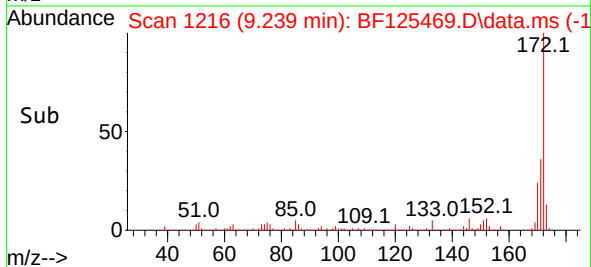
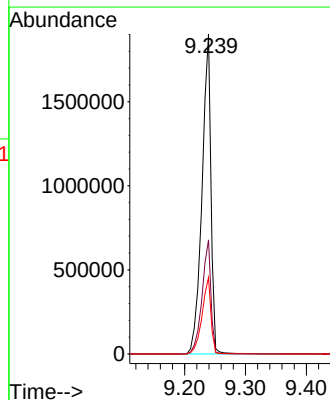
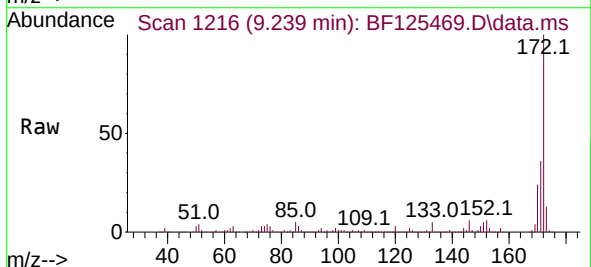
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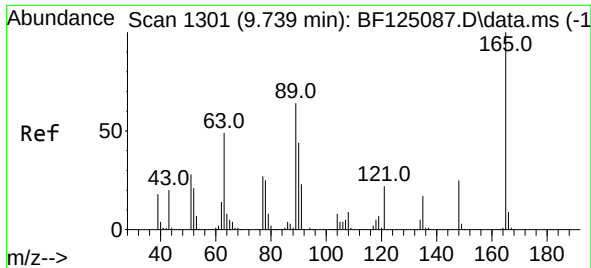
Tgt Ion:330 Resp: 549135
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 27.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 67.195 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF125469.D
Acq: 14 Sep 2021 11:49

Tgt Ion:172 Resp: 1938109
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.9 18.8 28.2

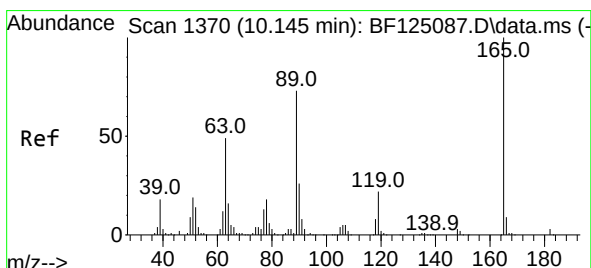
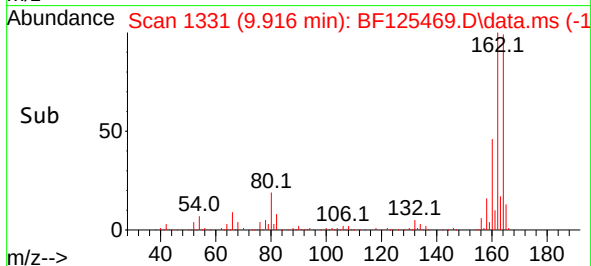
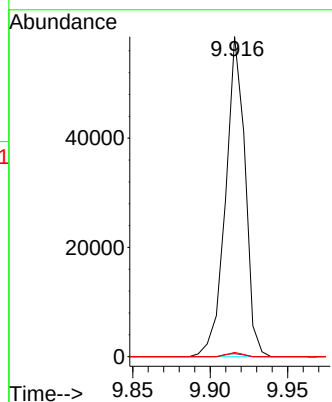
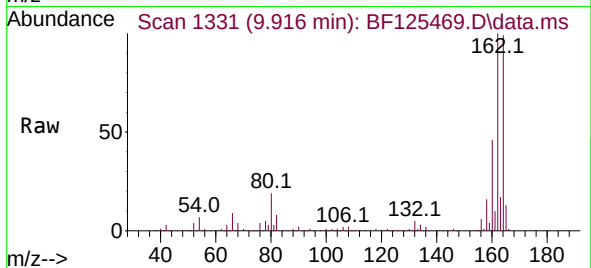




#51
2,6-Dinitrotoluene
Concen: 8.482 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF125469.D
Acq: 14 Sep 2021 11:49

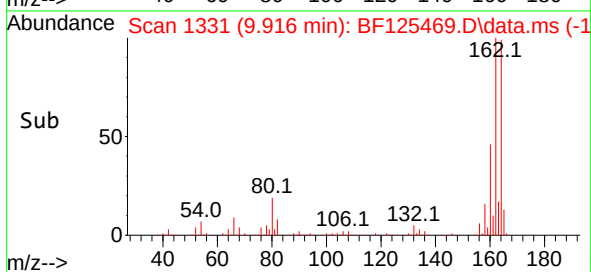
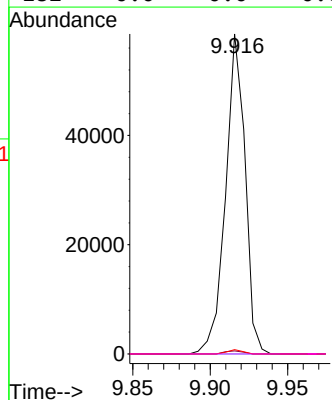
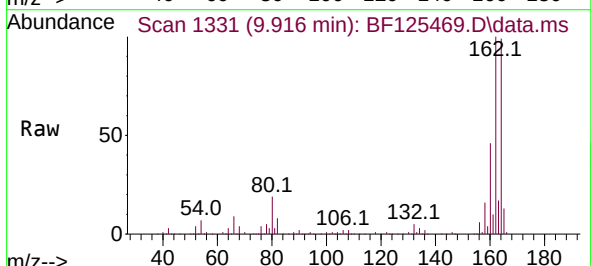
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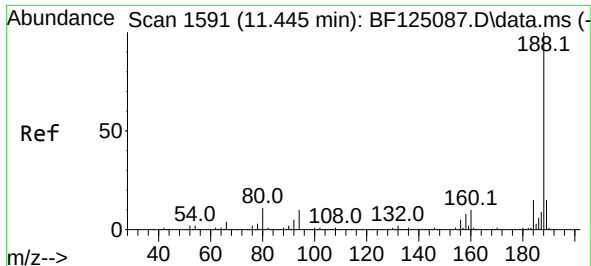
Tgt Ion:165 Resp: 51234
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.008 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF125469.D
Acq: 14 Sep 2021 11:49

Tgt Ion:165 Resp: 51234
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

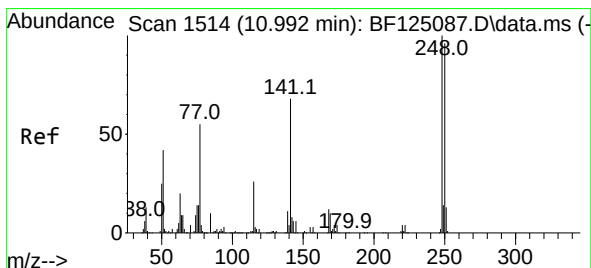
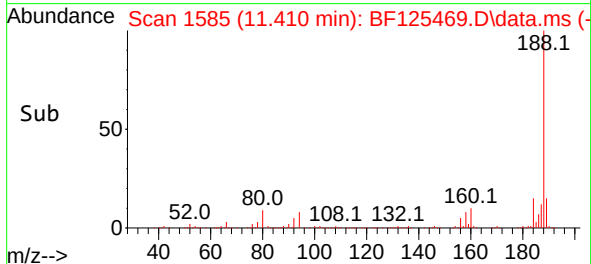
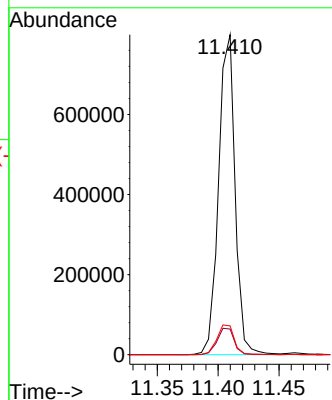
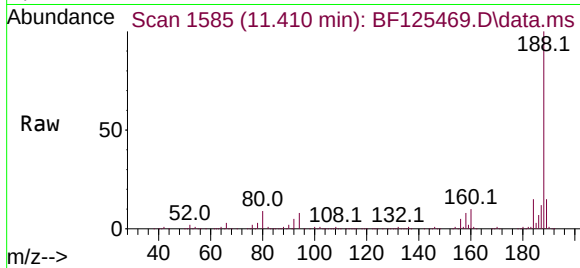




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125469.D
Acq: 14 Sep 2021 11:49

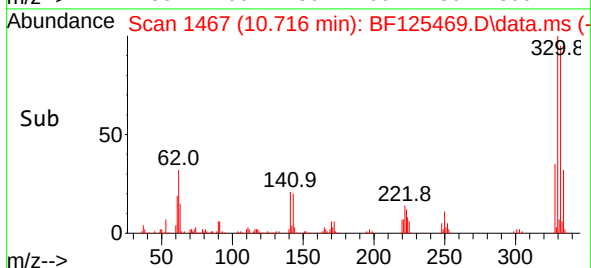
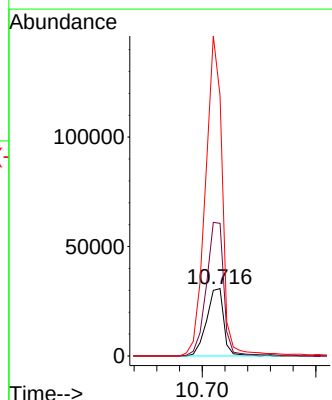
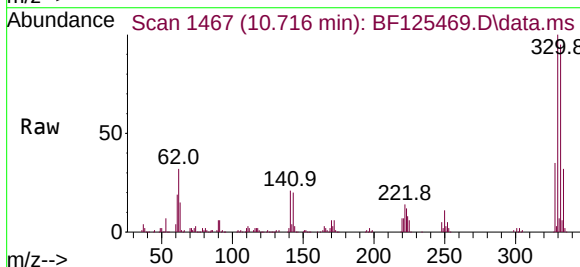
Instrument :
BNA_F
ClientSampleId :
PB139016BL

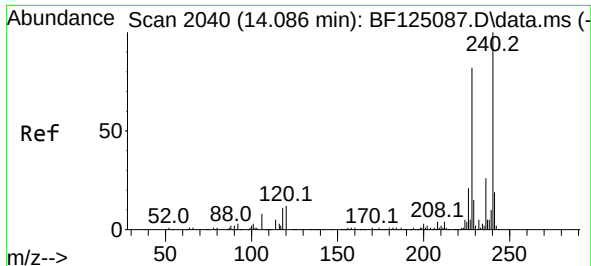
Tgt Ion:188 Resp: 755305
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.572 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.235 min
Lab File: BF125469.D
Acq: 14 Sep 2021 11:49

Tgt Ion:248 Resp: 32397
Ion Ratio Lower Upper
248 100
250 196.8 74.2 111.4#
141 386.2 60.4 90.6#

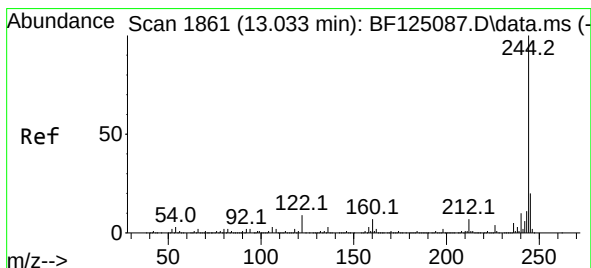
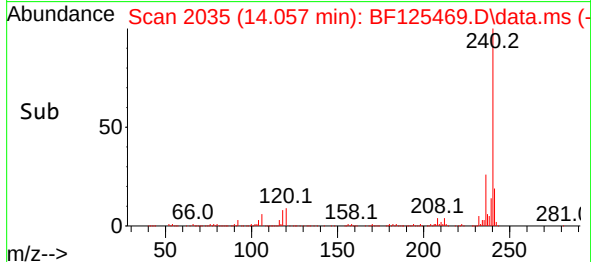
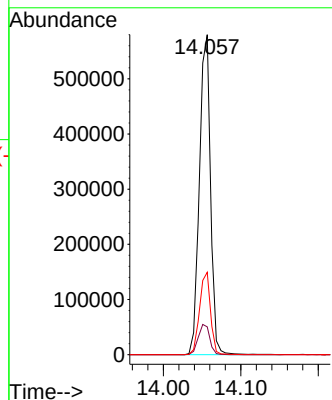
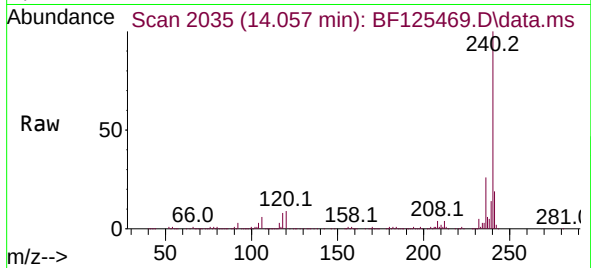




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125469.D
Acq: 14 Sep 2021 11:49

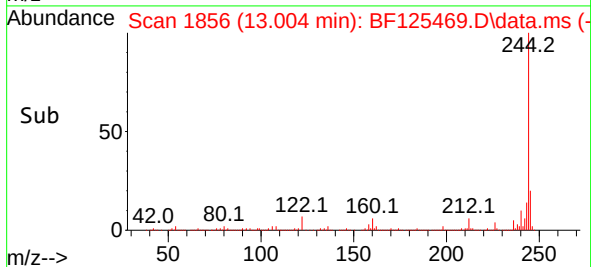
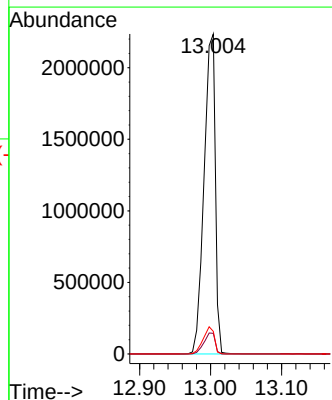
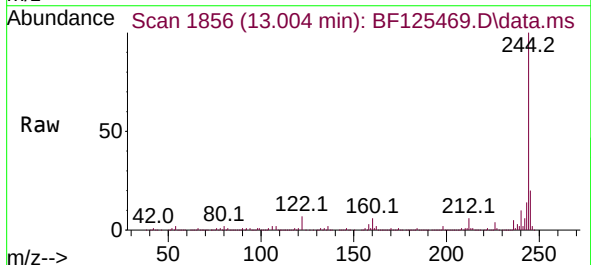
Instrument :
BNA_F
ClientSampleId :
PB139016BL

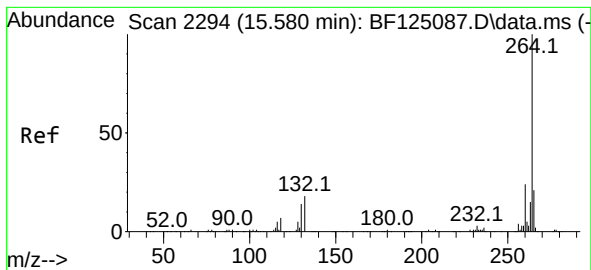
Tgt Ion:240 Resp: 576489
Ion Ratio Lower Upper
240 100
120 8.7 10.8 16.2#
236 25.8 21.6 32.4



#79
Terphenyl-d14
Concen: 68.390 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BF125469.D
Acq: 14 Sep 2021 11:49

Tgt Ion:244 Resp: 2474812
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 7.0 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF125469.D
 Acq: 14 Sep 2021 11:49

Instrument :
 BNA_F
 ClientSampleId :
 PB139016BL

Tgt Ion:264 Resp: 487059
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 21.9 17.2 25.8

