

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
 Data File : BF125101.D
 Acq On : 18 Aug 2021 22:27
 Operator : JU/CG
 Sample : M3449-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5

Quant Time: Aug 19 06:48:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

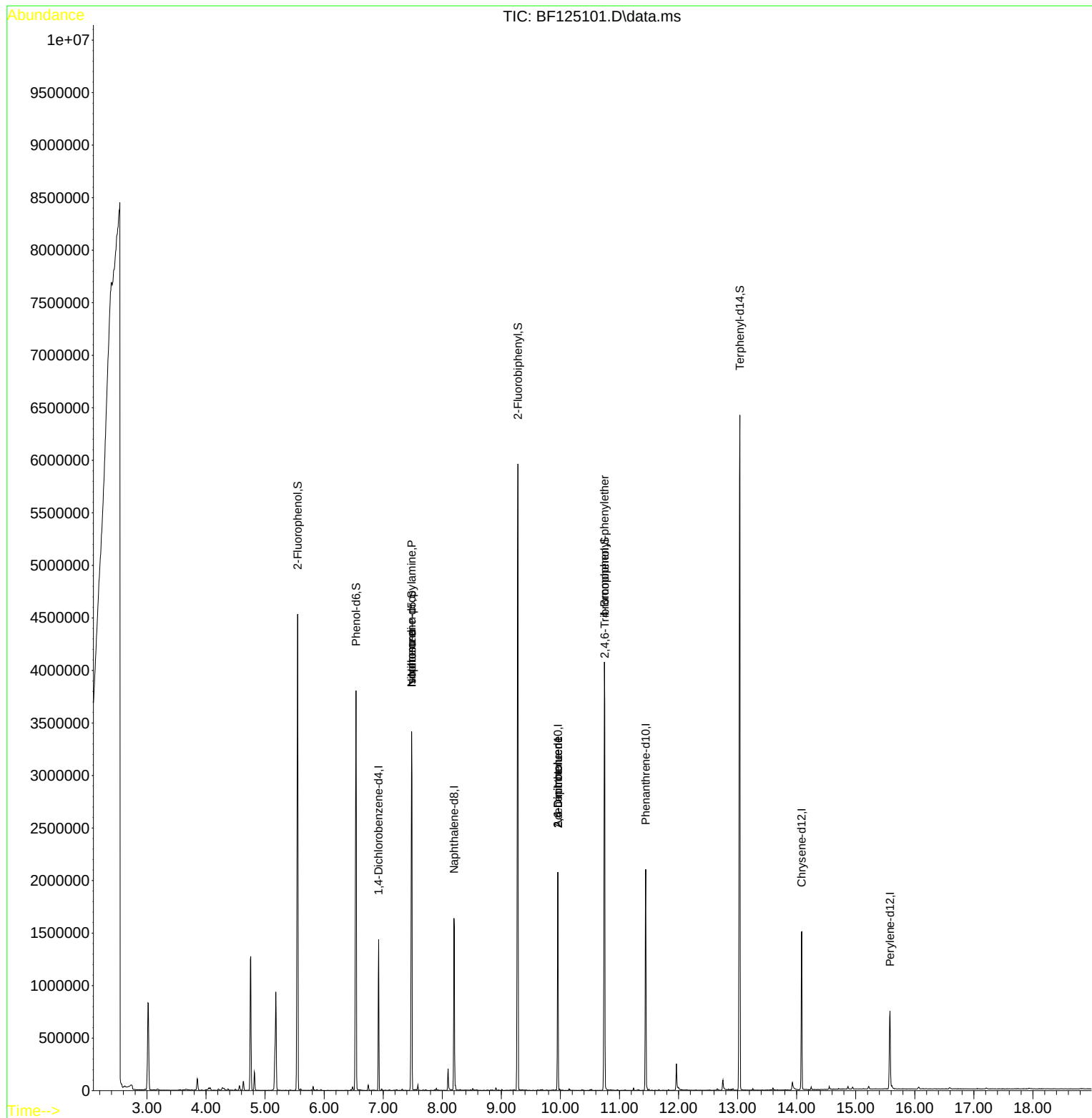
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	186023	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	744108	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	393439	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	741442	20.000	ng	0.00
76) Chrysene-d12	14.086	240	542584	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	352066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1263505	102.807	ng	0.02
7) Phenol-d6	6.540	99	1403943	88.326	ng	0.00
23) Nitrobenzene-d5	7.481	82	1215864	82.262	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	566422	144.223	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1990983	70.529	ng	0.00
79) Terphenyl-d14	13.039	244	2606138	76.519	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	164533	17.209	ng	# 59
25) Isophorone	7.481	82	1213924	42.574	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	51252	8.669	ng	# 27
57) 2,4-Dinitrotoluene	9.957	165	51252	7.163	ng	# 19
67) 4-Bromophenyl-phenylether	10.745	248	36152	4.060	ng	# 1

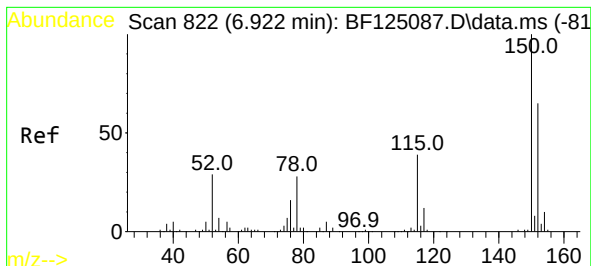
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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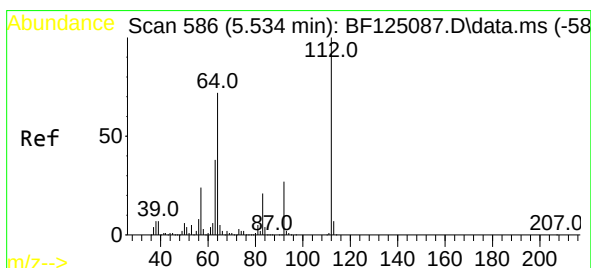
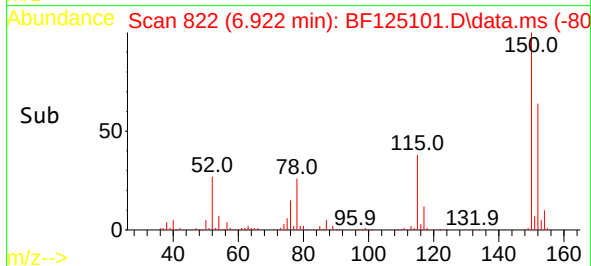
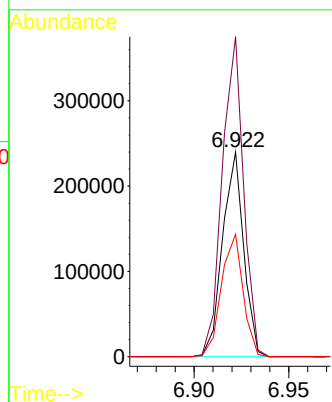
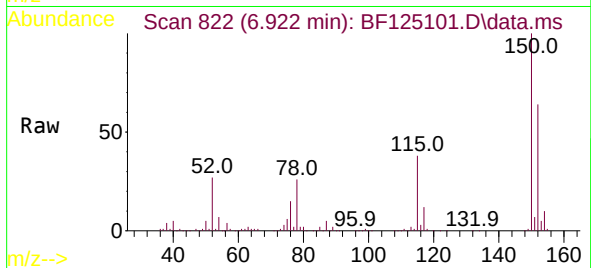




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

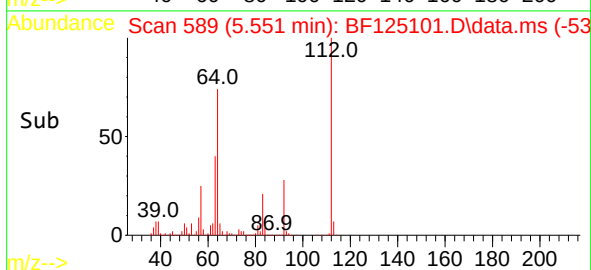
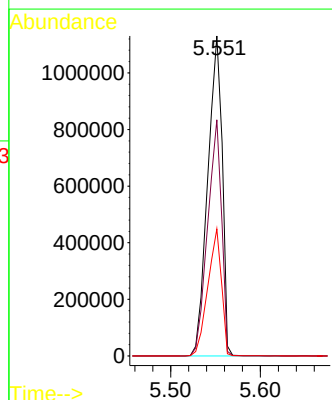
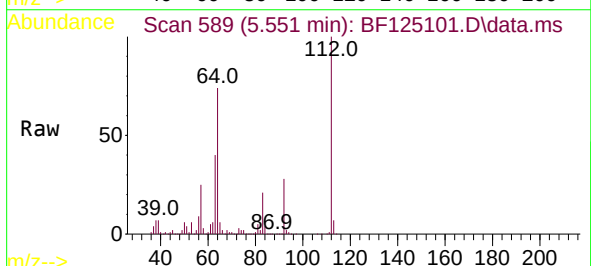
Instrument :
BNA_F
ClientSampleId :
TP5

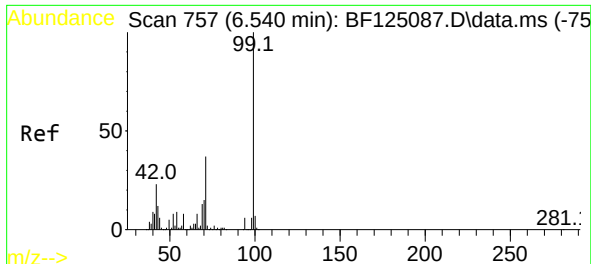
Tgt Ion:152 Resp: 186023
Ion Ratio Lower Upper
152 100
150 156.4 117.6 176.4
115 59.8 47.1 70.7



#5
2-Fluorophenol
Concen: 102.807 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.018 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

Tgt Ion:112 Resp: 1263505
Ion Ratio Lower Upper
112 100
64 73.8 44.2 66.2#
63 39.7 26.2 39.2#

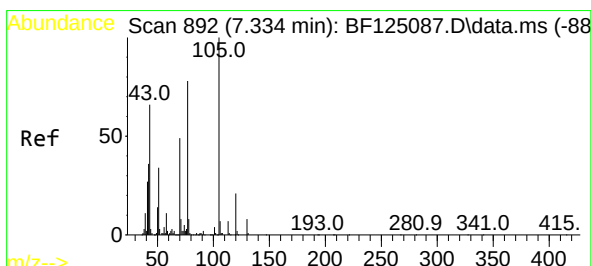
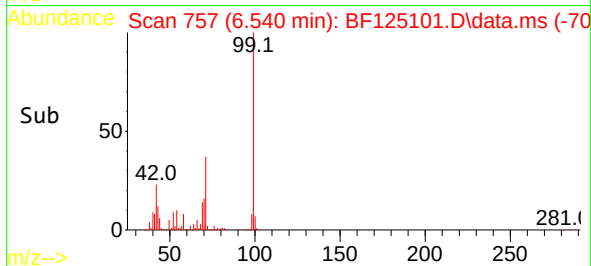
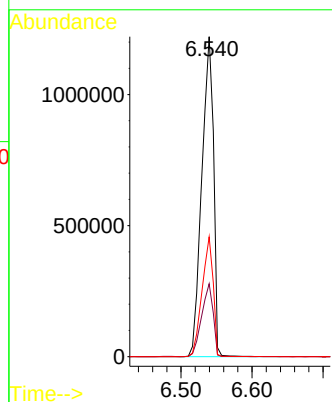
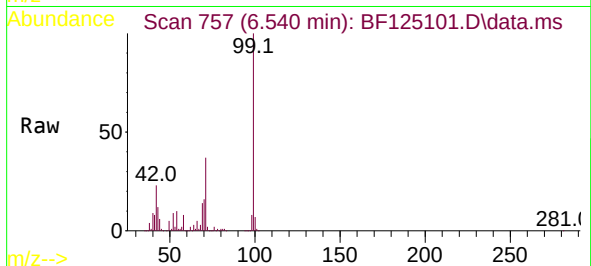




#7
Phenol-d6
Concen: 88.326 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

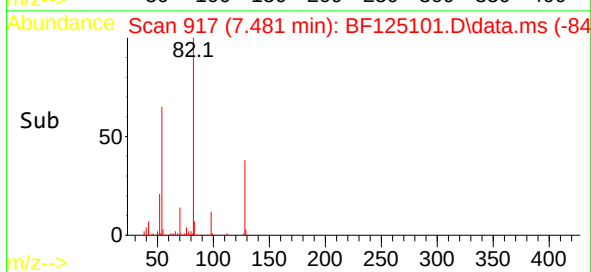
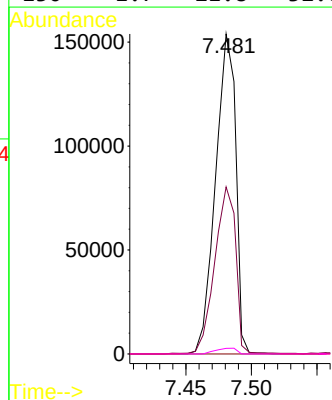
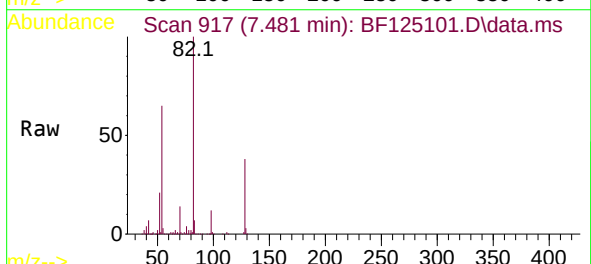
Instrument :
BNA_F
ClientSampleId :
TP5

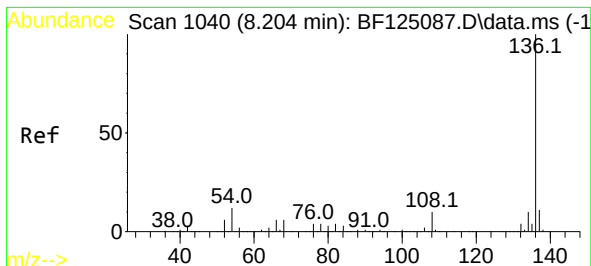
Tgt Ion: 99 Resp: 1403943
Ion Ratio Lower Upper
99 100
42 22.8 23.5 35.3#
71 37.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.209 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

Tgt Ion: 70 Resp: 164533
Ion Ratio Lower Upper
70 100
42 52.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

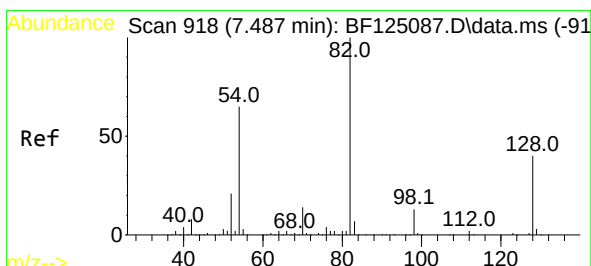
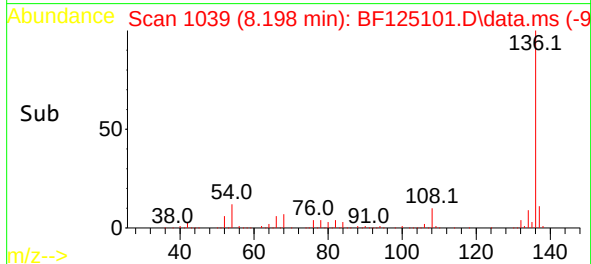
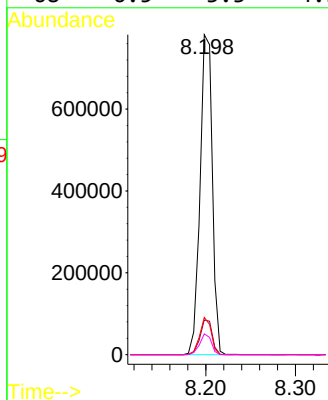
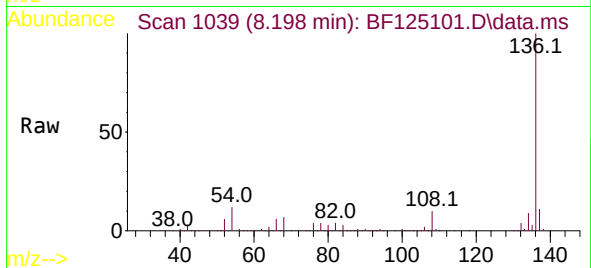




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

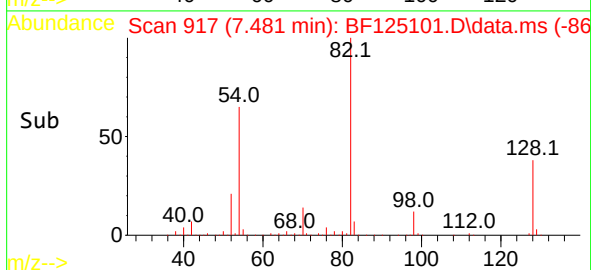
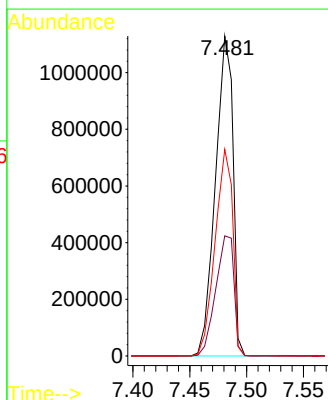
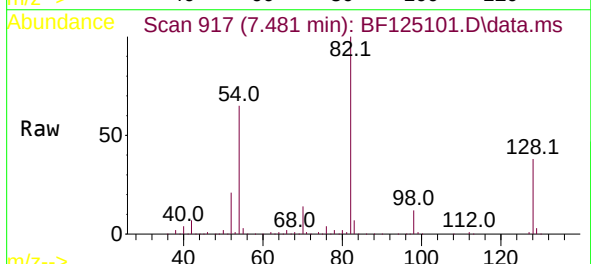
Instrument :
BNA_F
ClientSampled :
TP5

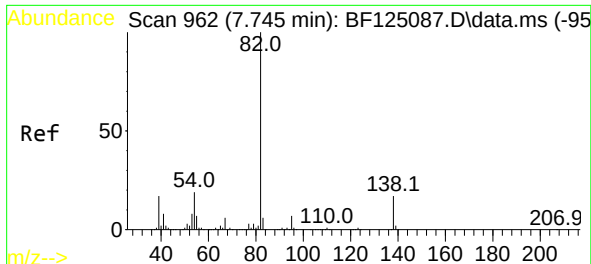
Tgt Ion:	136	Resp:	744108
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.8	14.6
54	11.6	6.4	9.6#
68	6.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 82.262 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

Tgt Ion:	82	Resp:	1215864
Ion Ratio	Lower	Upper	
82	100		
128	37.6	40.6	60.8#
54	64.6	49.6	74.4

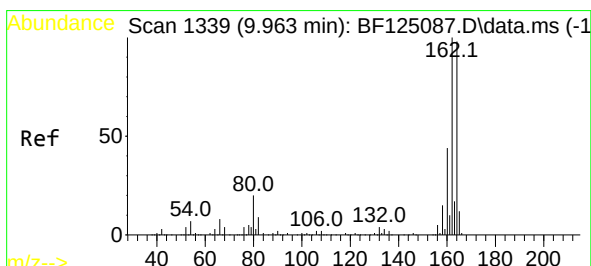
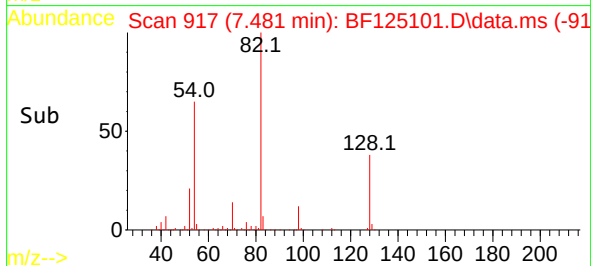
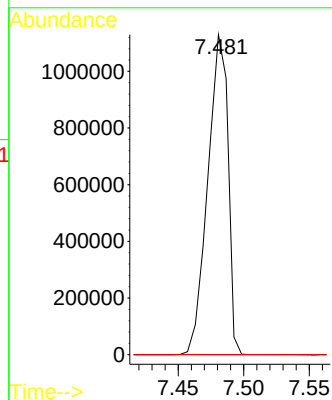
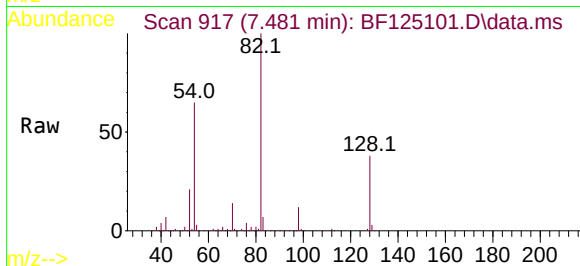




#25
Isophorone
Concen: 42.574 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

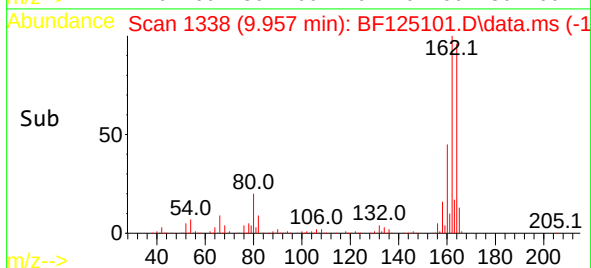
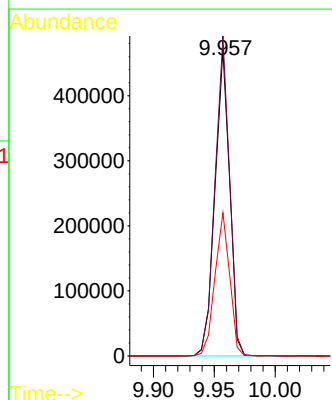
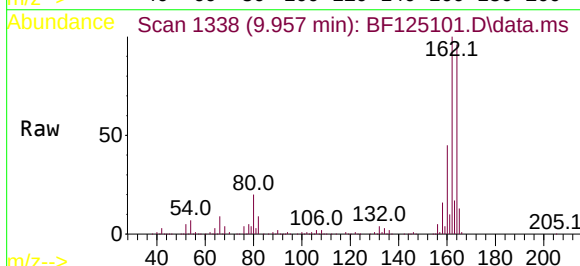
Instrument :
BNA_F
ClientSampleId :
TP5

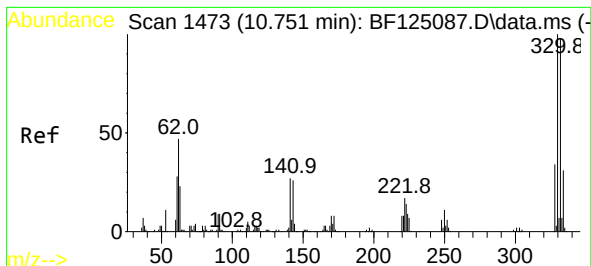
Tgt Ion: 82 Resp: 1213924
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

Tgt Ion:164 Resp: 393439
Ion Ratio Lower Upper
164 100
162 104.6 81.3 121.9
160 46.8 38.0 57.0

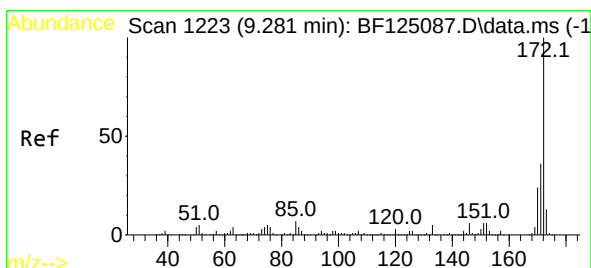
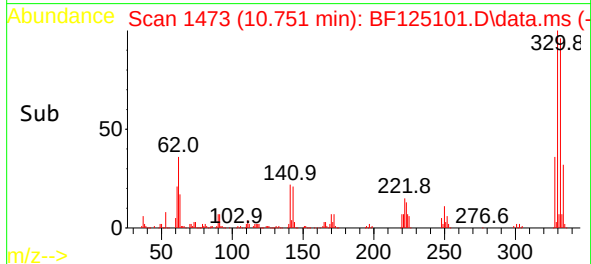
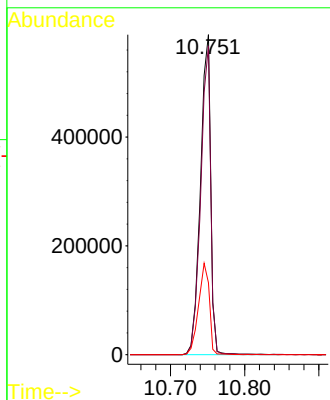
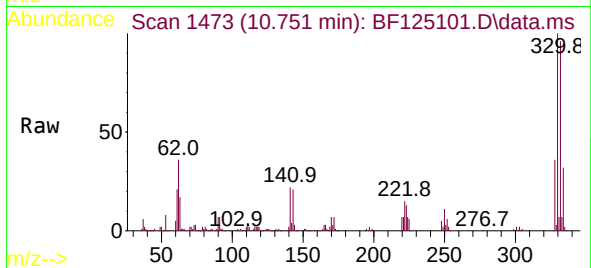




#42
2,4,6-Tribromophenol
Concen: 144.223 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

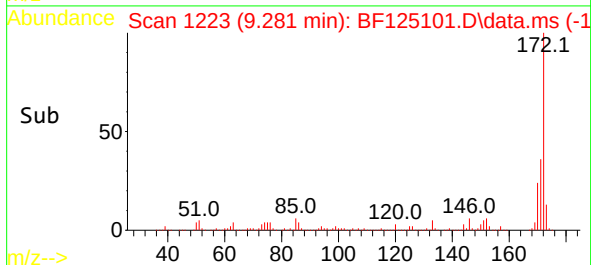
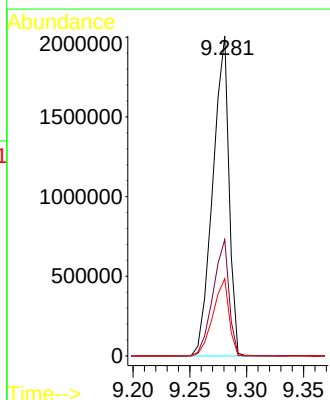
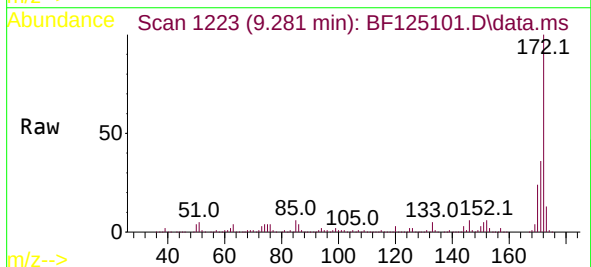
Instrument :
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ClientSampleId :
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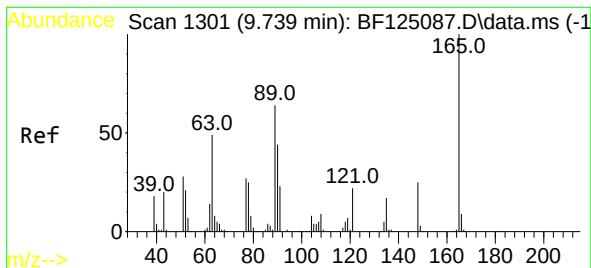
Tgt Ion:330 Resp: 566422
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 30.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.529 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

Tgt Ion:172 Resp: 1990983
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 24.1 18.8 28.2

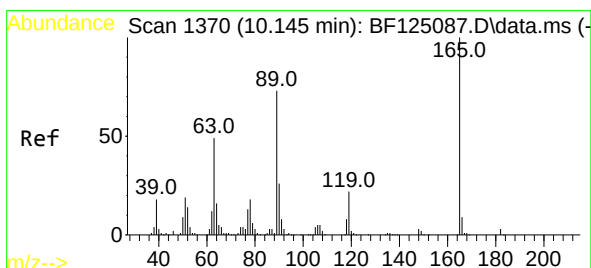
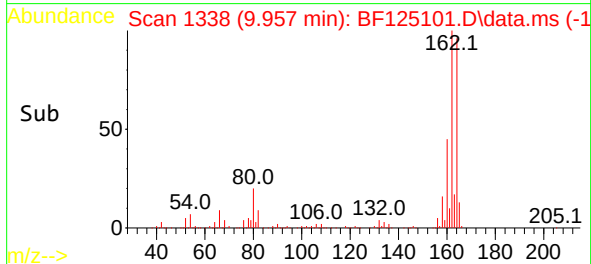
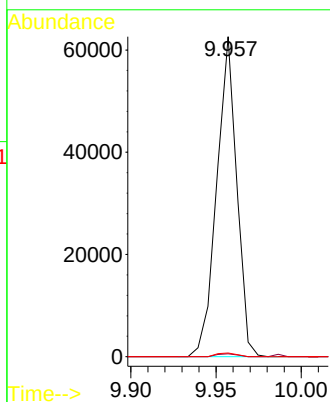
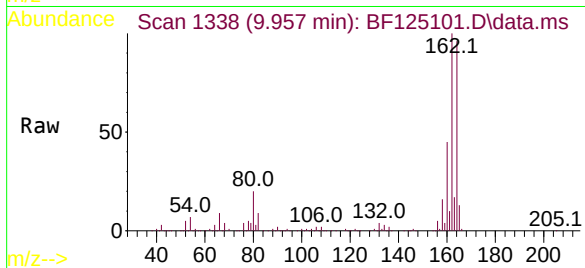




#51
2,6-Dinitrotoluene
Concen: 8.669 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

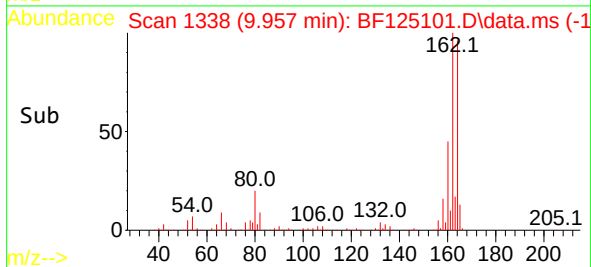
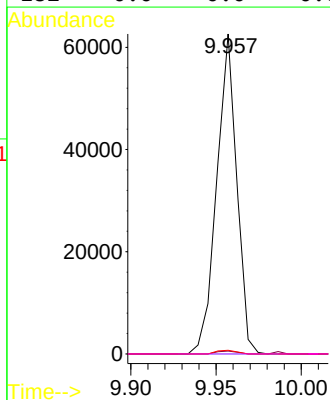
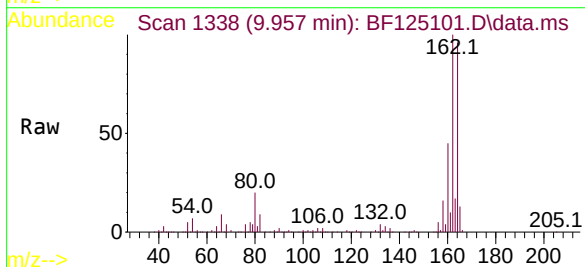
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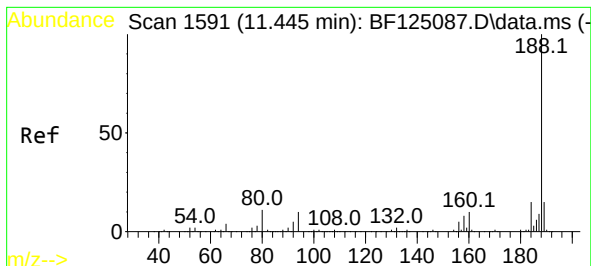
Tgt Ion:165 Resp: 51252
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.163 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

Tgt Ion:165 Resp: 51252
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

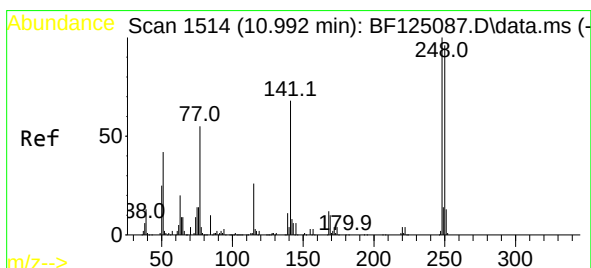
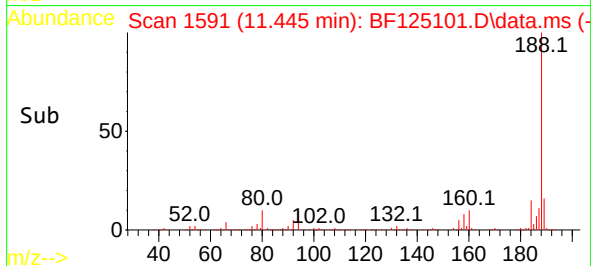
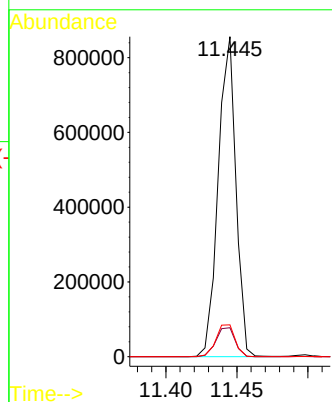
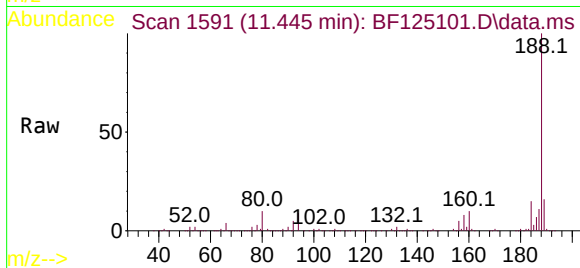




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

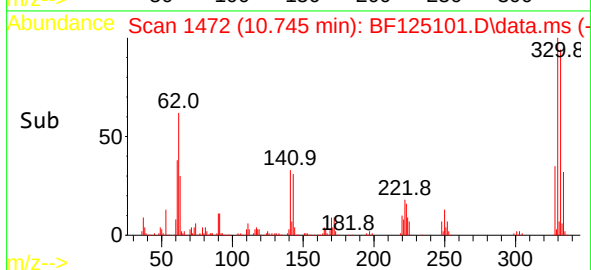
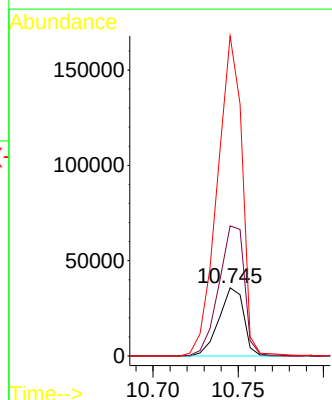
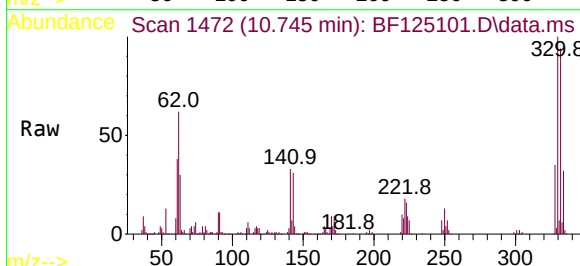
Instrument :
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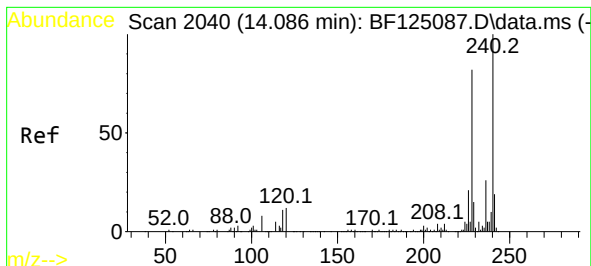
Tgt Ion:188 Resp: 741442
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 10.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.060 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

Tgt Ion:248 Resp: 36152
Ion Ratio Lower Upper
248 100
250 190.9 74.2 111.4#
141 469.4 60.4 90.6#

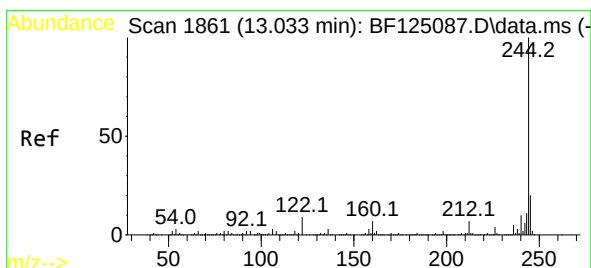
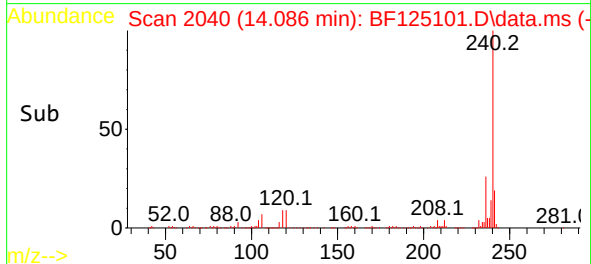
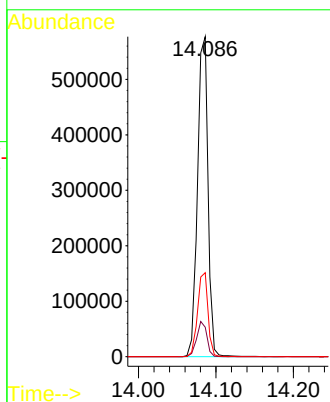
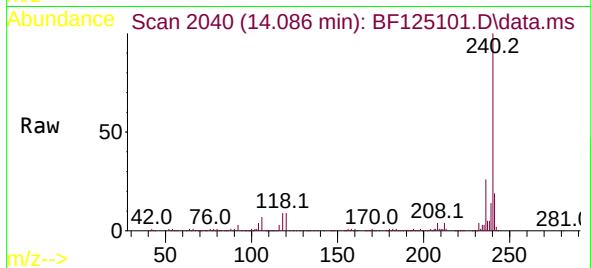




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

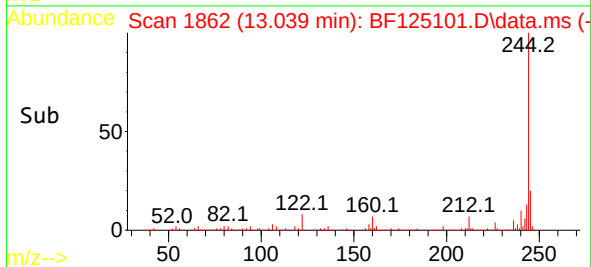
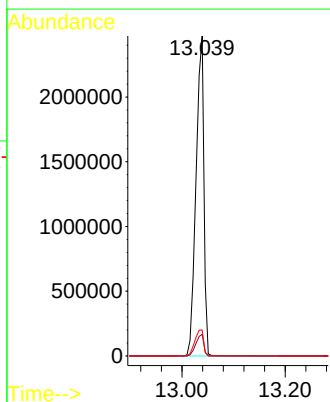
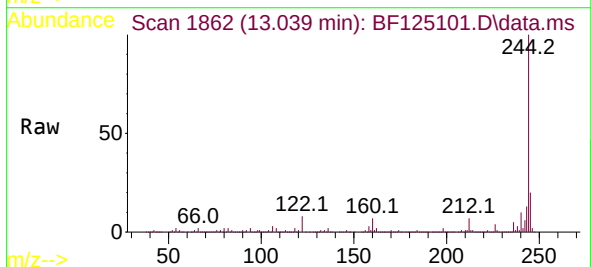
Instrument :
BNA_F
ClientSampleId :
TP5

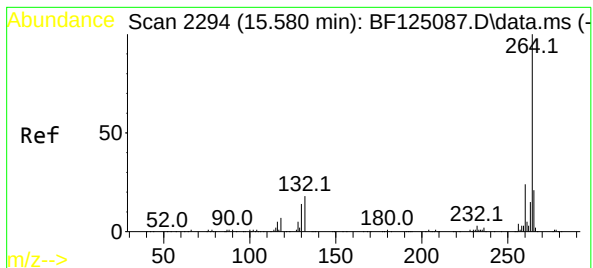
Tgt Ion:240 Resp: 542584
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 26.2 21.6 32.4



#79
Terphenyl-d14
Concen: 76.519 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

Tgt Ion:244 Resp: 2606138
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.1 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF125101.D
Acq: 18 Aug 2021 22:27

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:	264	Resp:	352066
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	20.0	17.2	25.8

