

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125167.D
 Acq On : 23 Aug 2021 21:50
 Operator : JU/CG
 Sample : M3430-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-7

Quant Time: Aug 24 04:49:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 10:15:49 2021
 Response via : Initial Calibration

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

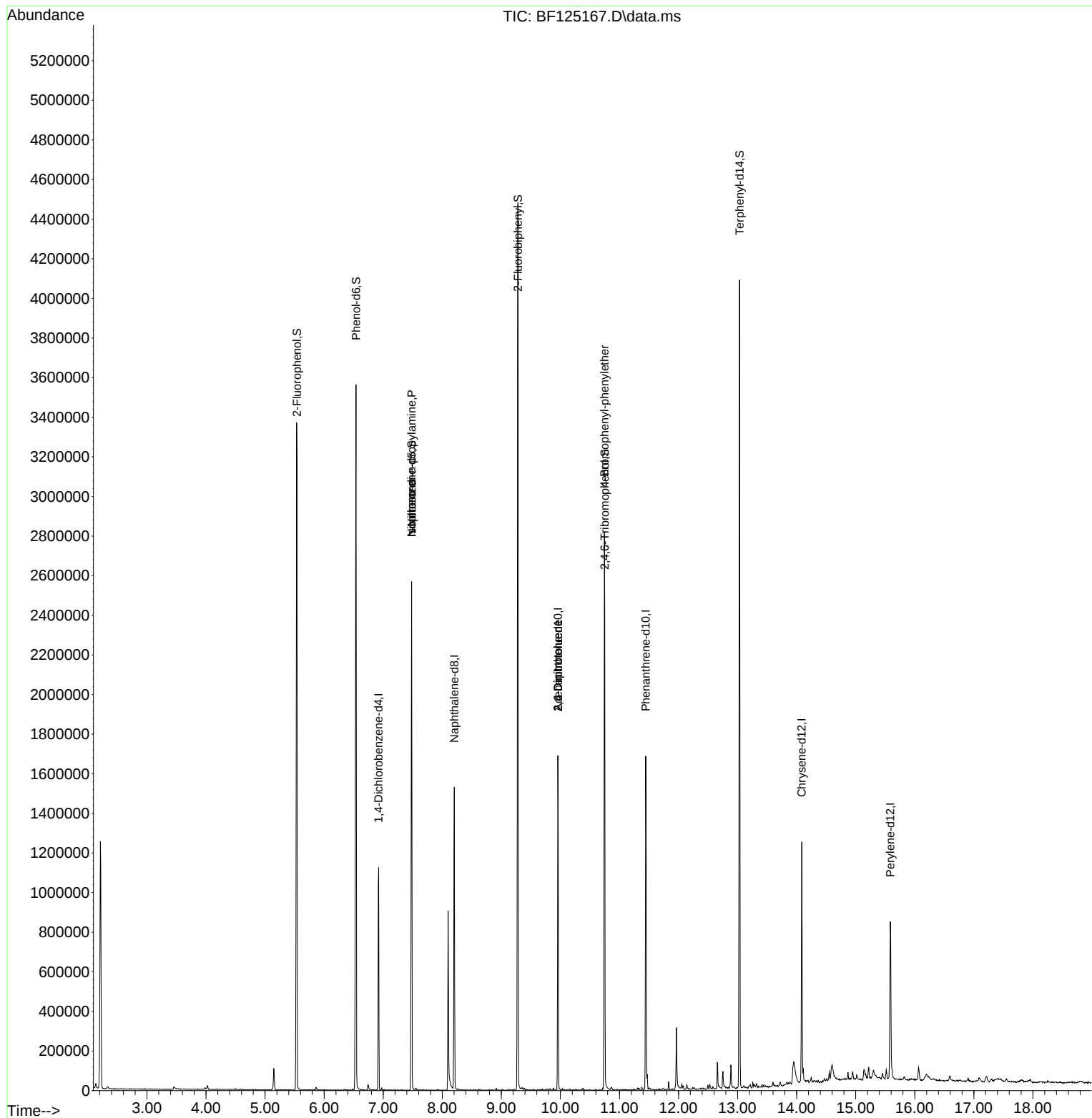
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	157450	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	613121	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	328771	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	580068	20.000	ng	0.00
76) Chrysene-d12	14.086	240	380182	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	377394	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	909911	87.472	ng	0.00
7) Phenol-d6	6.540	99	1149313	85.428	ng	0.00
23) Nitrobenzene-d5	7.481	82	758070	62.246	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	353182	107.616	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1362163	57.745	ng	0.00
79) Terphenyl-d14	13.033	244	1358217	56.914	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	103641	12.808	ng	# 59
25) Isophorone	7.481	82	758060	32.266	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	42781	8.660	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	42781	7.155	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	21619	3.104	ng	# 1

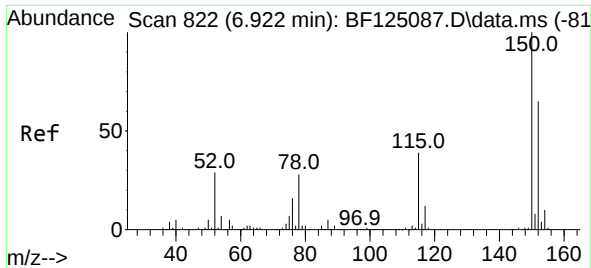
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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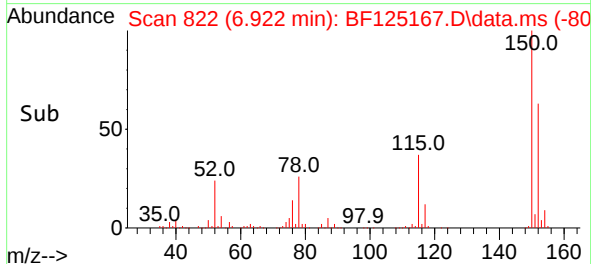
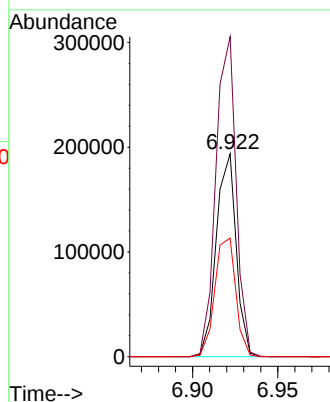
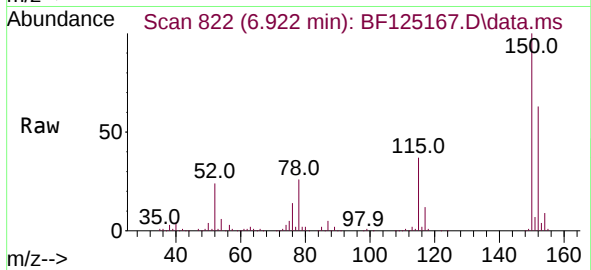




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 822
 Delta R.T. -0.006 min
 Lab File: BF125167.D
 Acq: 23 Aug 2021 21:50

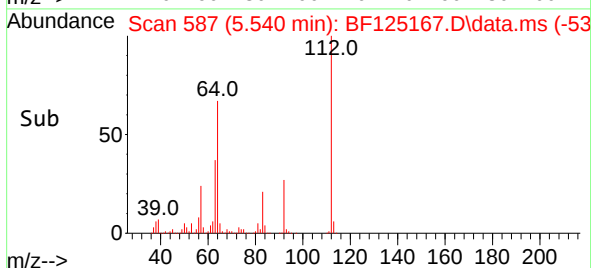
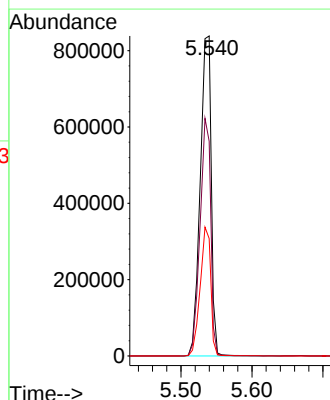
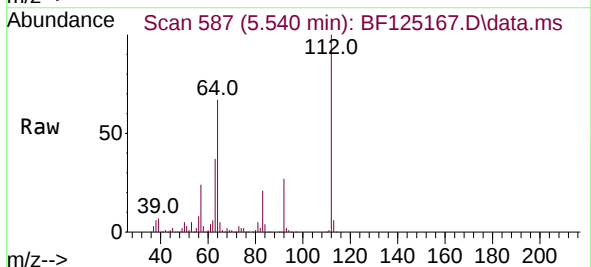
Instrument :
 BNA_F
 ClientSampleId :
 PE-7

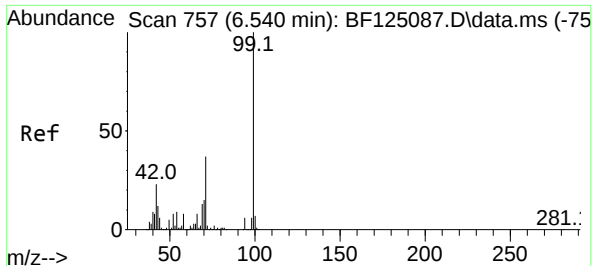
Tgt Ion:152 Resp: 157450
 Ion Ratio Lower Upper
 152 100
 150 157.7 117.6 176.4
 115 58.4 47.1 70.7



#5
 2-Fluorophenol
 Concen: 87.472 ng
 RT: 5.540 min Scan# 587
 Delta R.T. 0.000 min
 Lab File: BF125167.D
 Acq: 23 Aug 2021 21:50

Tgt Ion:112 Resp: 909911
 Ion Ratio Lower Upper
 112 100
 64 67.1 44.2 66.2#
 63 36.7 26.2 39.2

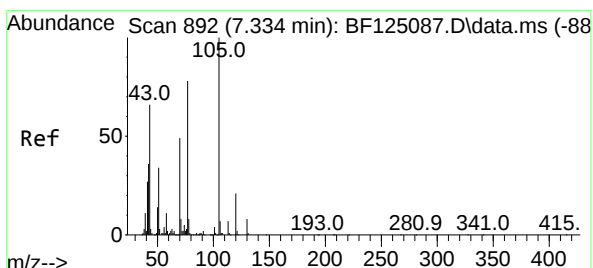
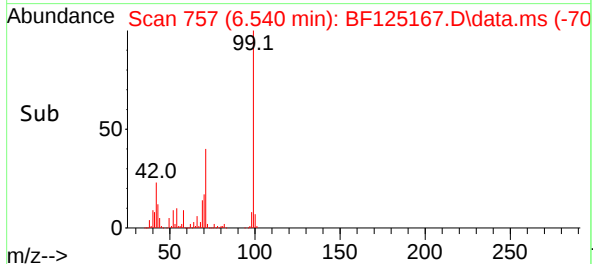
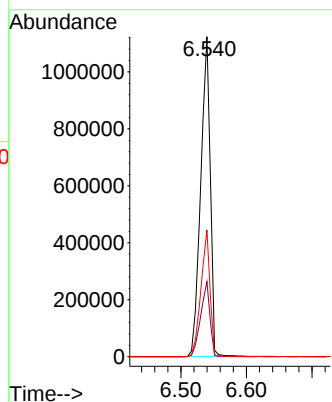
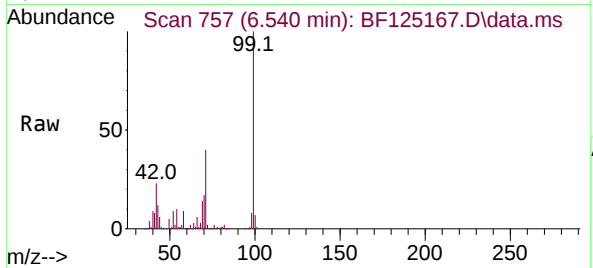




#7
Phenol-d6
Concen: 85.428 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

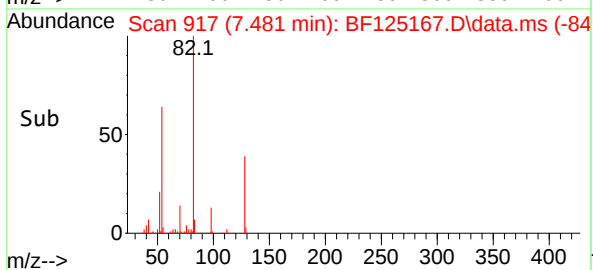
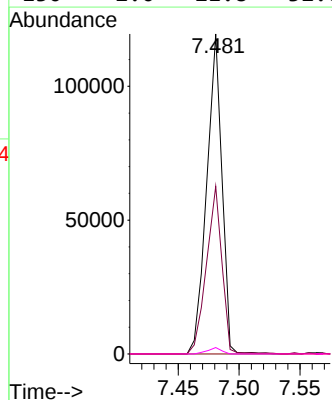
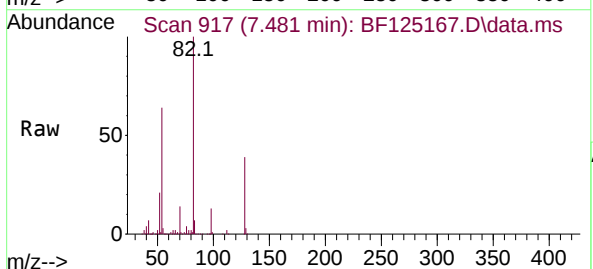
Instrument :
BNA_F
ClientSampleId :
PE-7

Tgt Ion: 99 Resp: 1149313
Ion Ratio Lower Upper
99 100
42 23.5 23.5 35.3#
71 39.6 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 12.808 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.141 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

Tgt Ion: 70 Resp: 103641
Ion Ratio Lower Upper
70 100
42 52.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

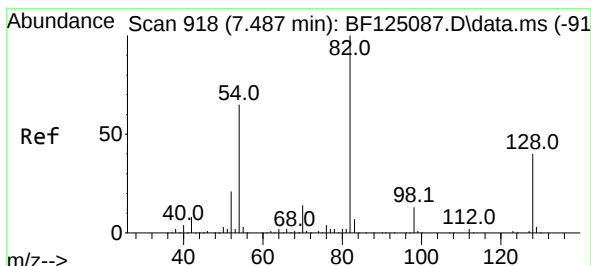
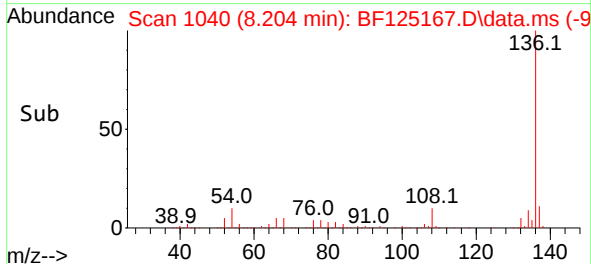
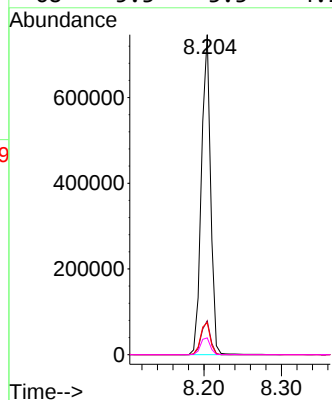
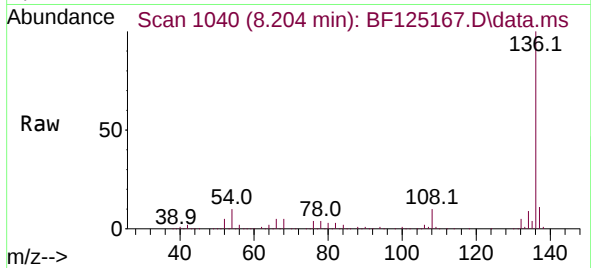




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

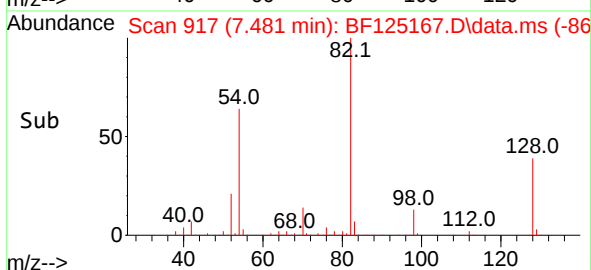
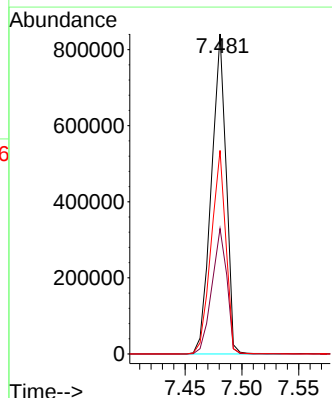
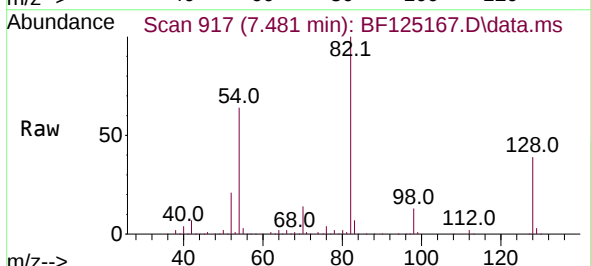
Instrument :
BNA_F
ClientSampled :
PE-7

Tgt Ion:136	Resp: 613121
Ion Ratio	Lower Upper
136 100	
137 10.6	9.8 14.6
54 10.0	6.4 9.6#
68 5.3	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 62.246 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

Tgt Ion: 82	Resp: 758070
Ion Ratio	Lower Upper
82 100	
128 39.2	40.6 60.8#
54 63.6	49.6 74.4

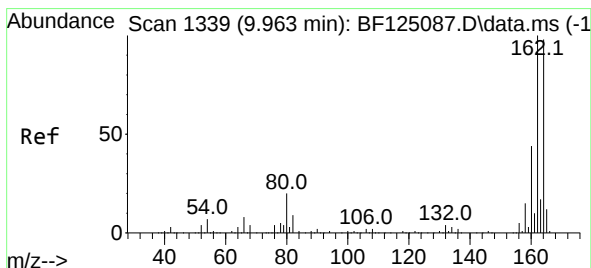
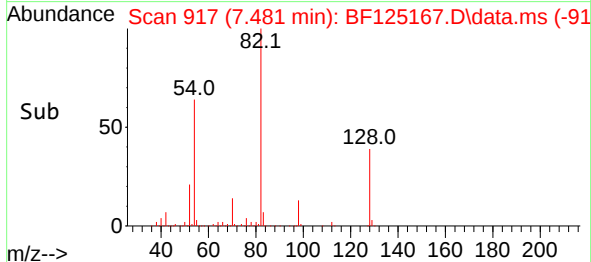
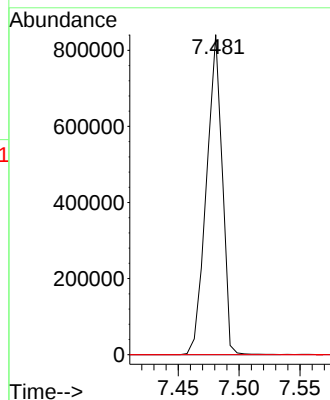
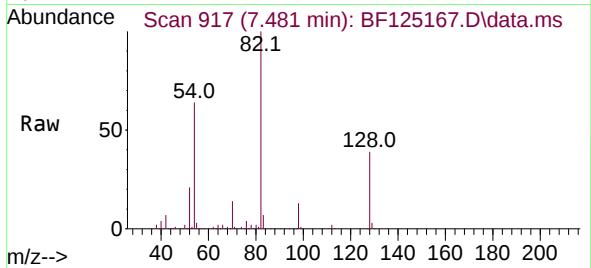




#25
Isophorone
Concen: 32.266 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.264 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

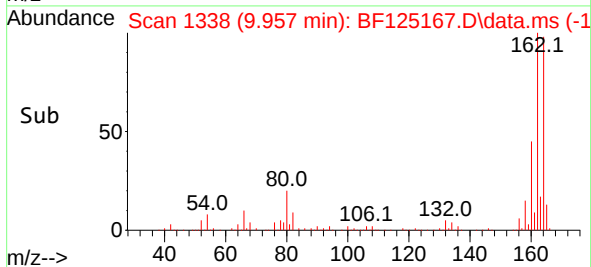
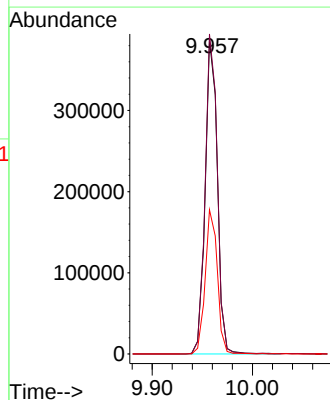
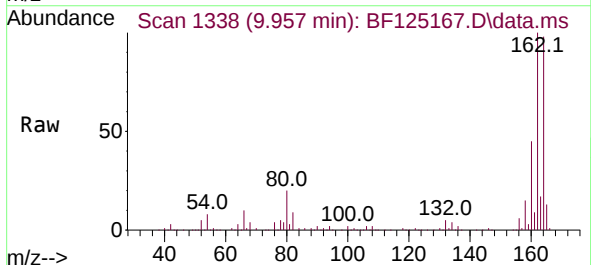
Instrument :
BNA_F
ClientSampleId :
PE-7

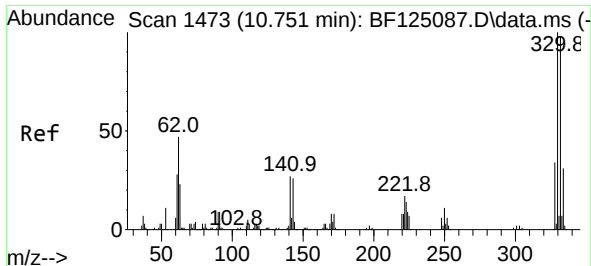
Tgt Ion: 82 Resp: 758060
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

Tgt Ion: 164 Resp: 328771
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 45.9 38.0 57.0

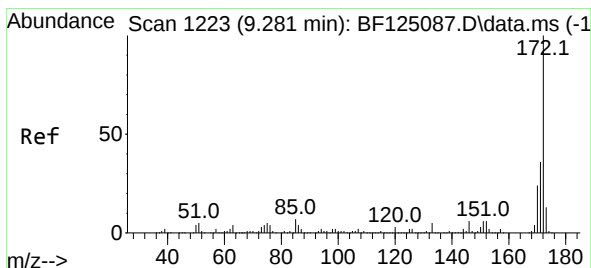
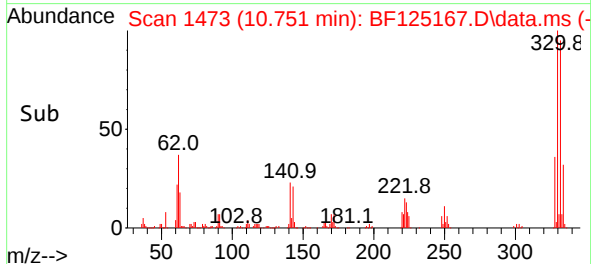
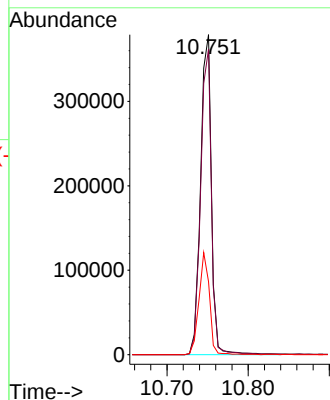
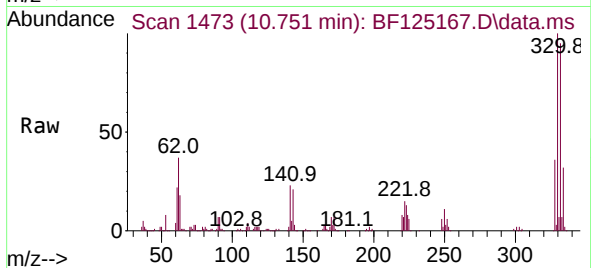




#42
2,4,6-Tribromophenol
Concen: 107.616 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

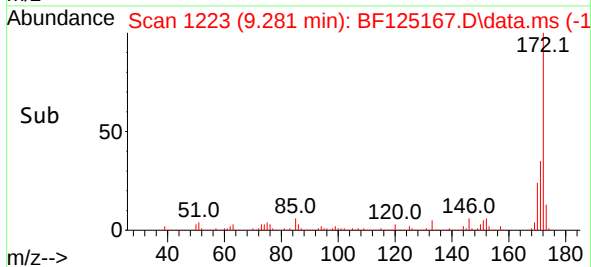
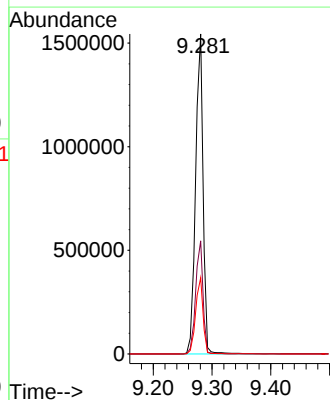
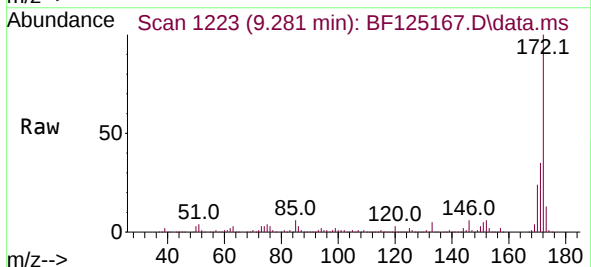
Instrument :
BNA_F
ClientSampleId :
PE-7

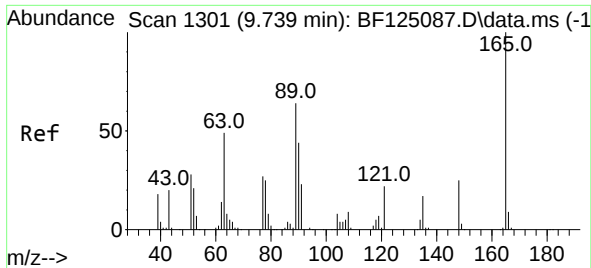
Tgt Ion: 330 Resp: 353182
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 30.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 57.745 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

Tgt Ion: 172 Resp: 1362163
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.8 18.8 28.2

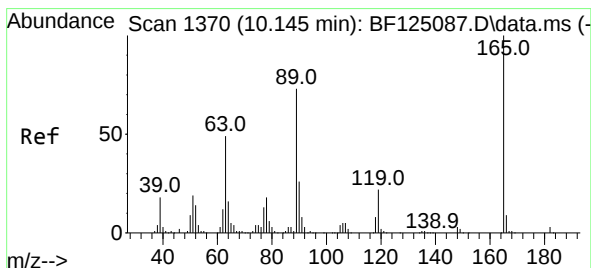
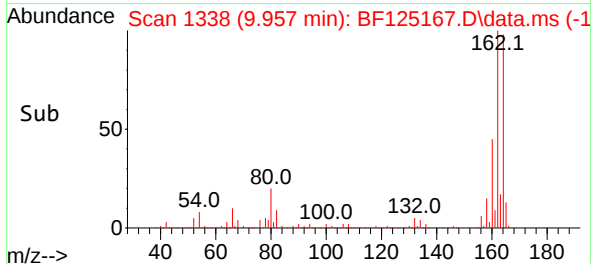
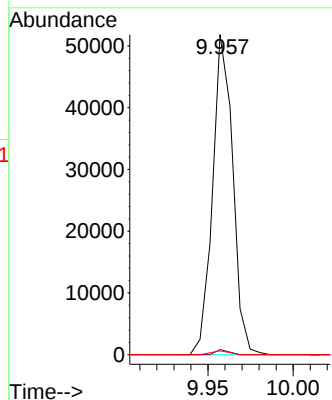
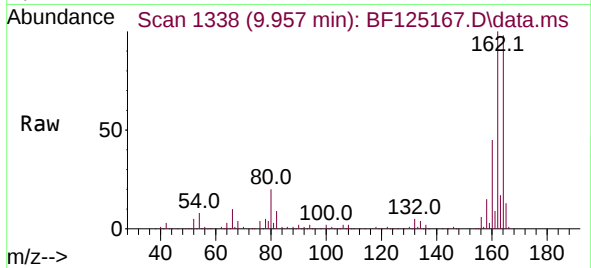




#51
2,6-Dinitrotoluene
Concen: 8.660 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

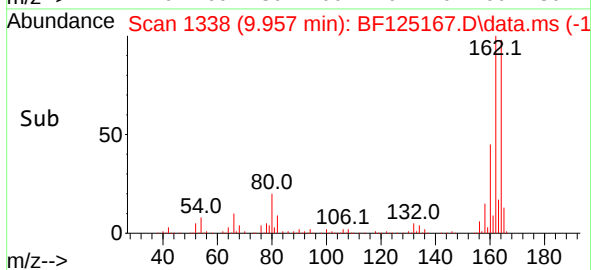
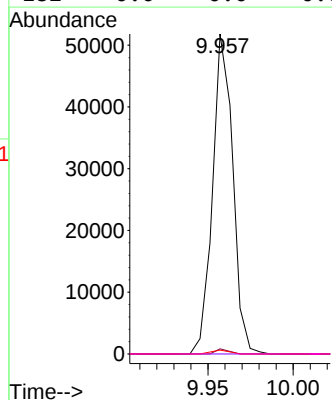
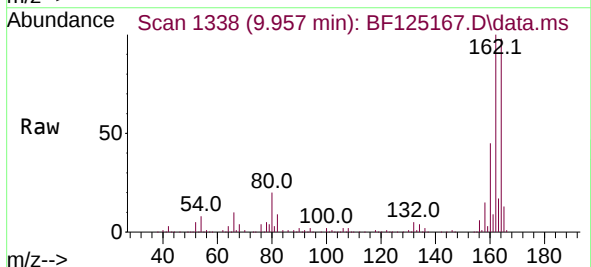
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ClientSampled :
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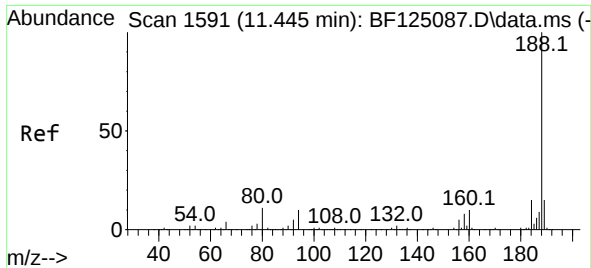
Tgt Ion:165 Resp: 42781
Ion Ratio Lower Upper
165 100
63 1.6 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.155 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

Tgt Ion:165 Resp: 42781
Ion Ratio Lower Upper
165 100
63 1.6 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

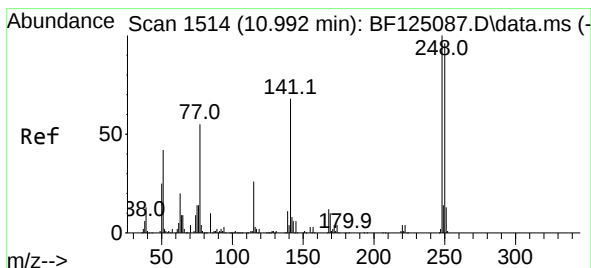
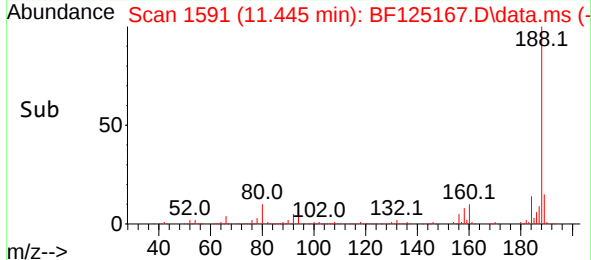
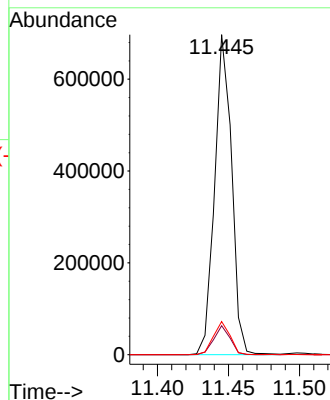
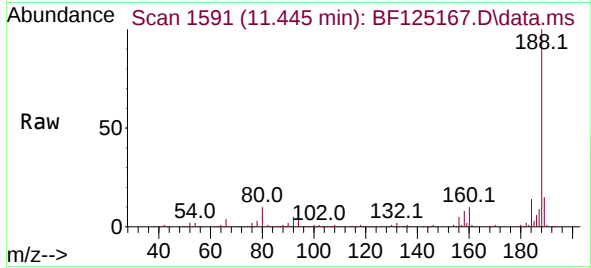




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

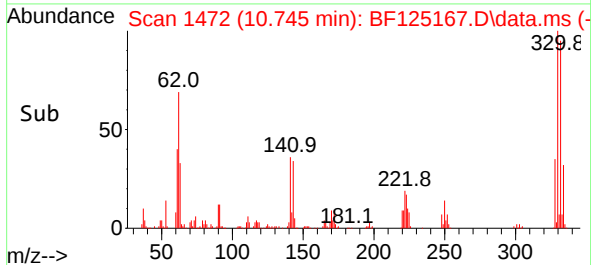
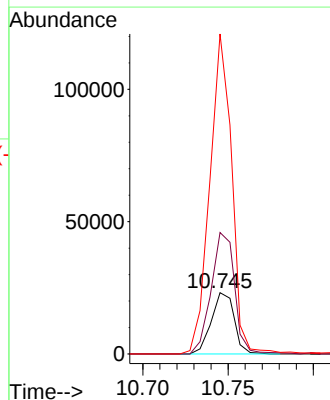
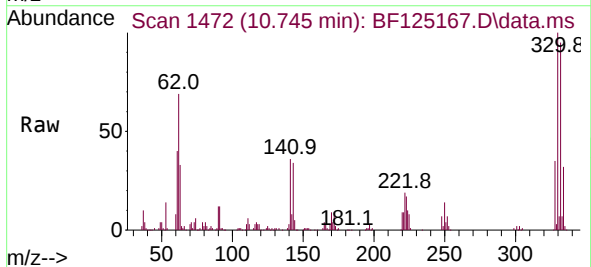
Instrument :
BNA_F
ClientSampled :
PE-7

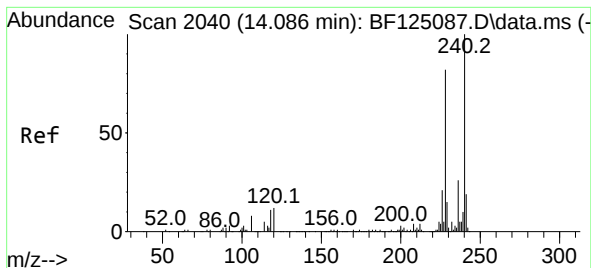
Tgt Ion:	188	Resp:	580068
Ion Ratio	Lower	Upper	
188	100		
94	9.1	6.7	10.1
80	10.3	7.5	11.3



#67
4-Bromophenyl-phenylether
Concen: 3.104 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

Tgt Ion:	248	Resp:	21619
Ion Ratio	Lower	Upper	
248	100		
250	198.2	74.2	111.4#
141	522.4	60.4	90.6#

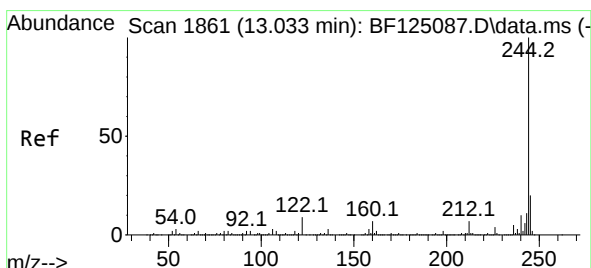
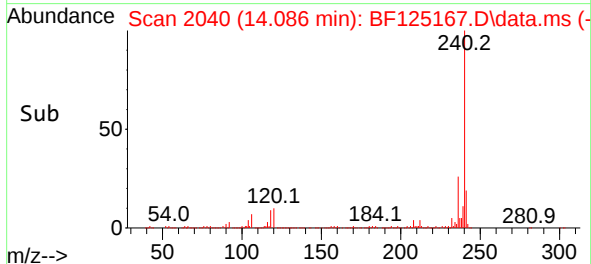
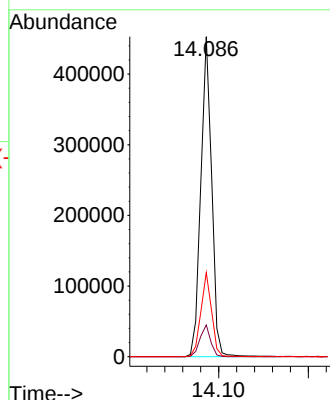
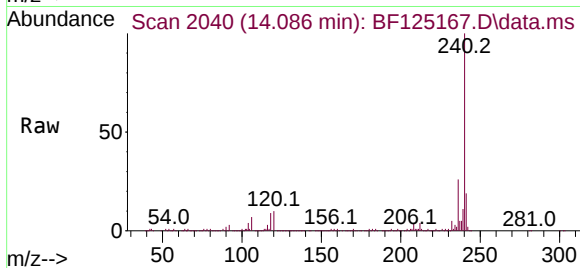




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.011 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

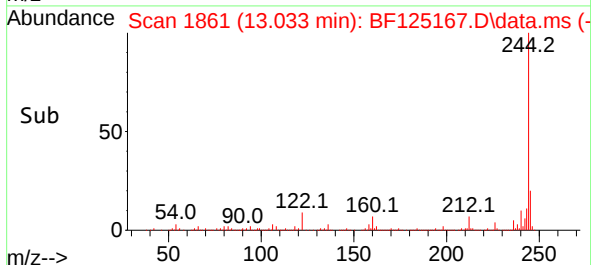
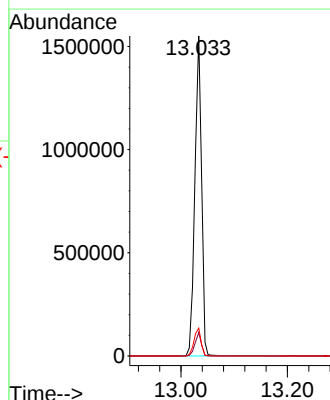
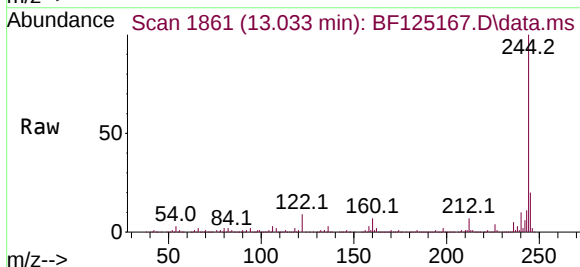
Instrument :
BNA_F
ClientSampled :
PE-7

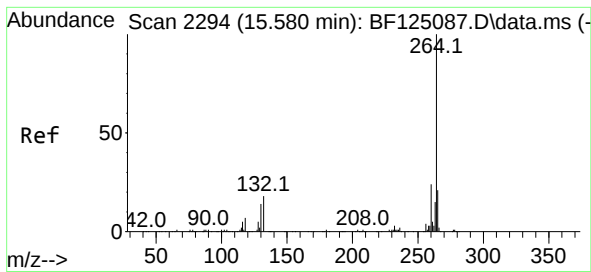
Tgt Ion:240 Resp: 380182
Ion Ratio Lower Upper
240 100
120 9.9 10.8 16.2#
236 26.3 21.6 32.4



#79
Terphenyl-d14
Concen: 56.914 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

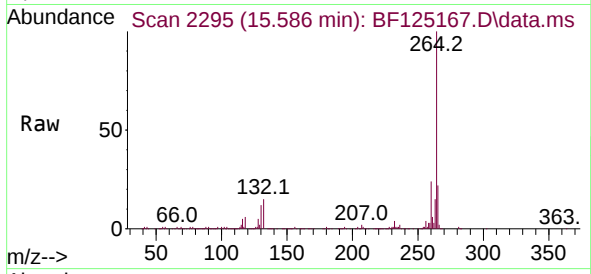
Tgt Ion:244 Resp: 1358217
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.7 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.011 min
Lab File: BF125167.D
Acq: 23 Aug 2021 21:50

Instrument :
BNA_F
ClientSampleId :
PE-7



Tgt Ion:264 Resp: 377394
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 21.5 17.2 25.8

