

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125319.D
 Acq On : 2 Sep 2021 14:10
 Operator : JU/CG
 Sample : PB138856TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138856TB

Quant Time: Sep 02 14:46:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

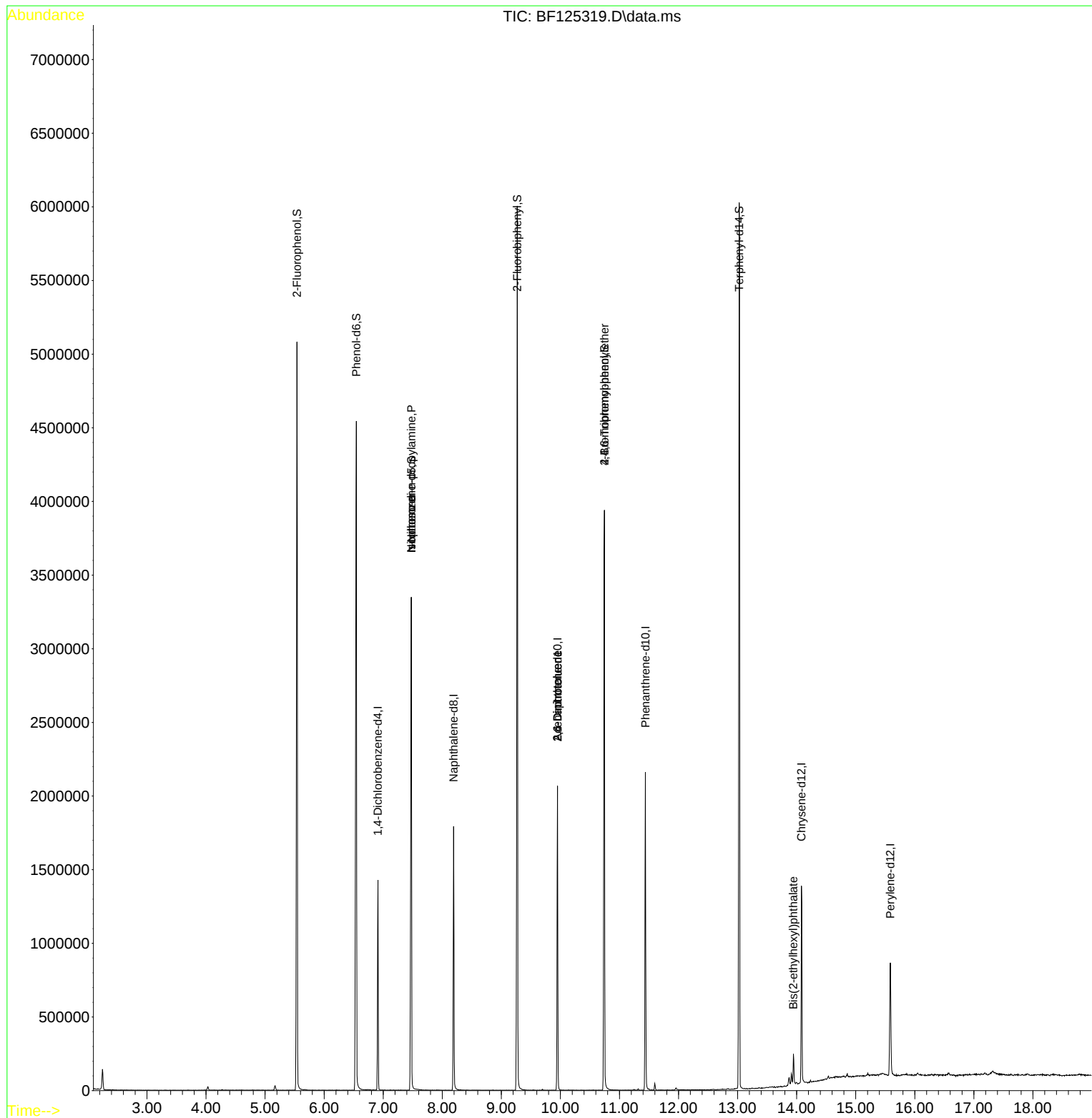
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	196118	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	776416	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	413044	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	771905	20.000	ng	0.00
76) Chrysene-d12	14.080	240	487829	20.000	ng	0.00
86) Perylene-d12	15.586	264	381543	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1390151	107.289	ng	0.01
7) Phenol-d6	6.545	99	1763051	105.209	ng	0.00
23) Nitrobenzene-d5	7.475	82	1186450	76.931	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	556279	134.918	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2043635	68.958	ng	0.00
79) Terphenyl-d14	13.027	244	2451771	80.067	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	163547	16.226	ng	# 56
25) Isophorone	7.475	82	1186626	39.885	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	53071	8.551	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	53071	7.065	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	33734	3.639	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.945	149	68974	3.052	ng	# 53

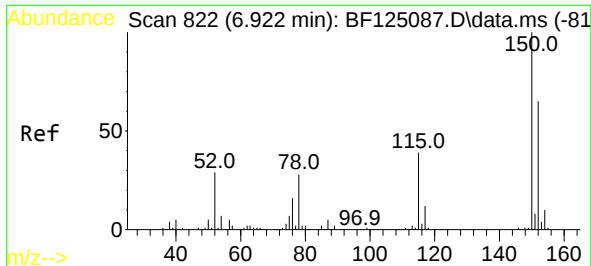
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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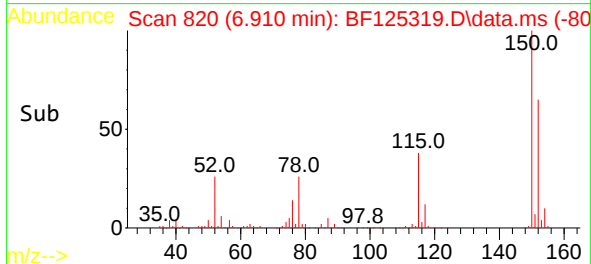
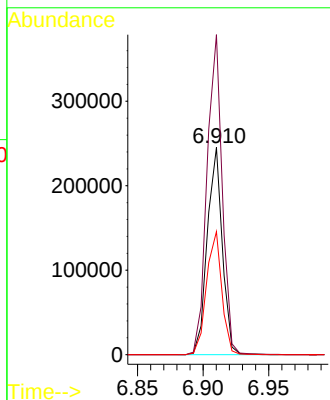
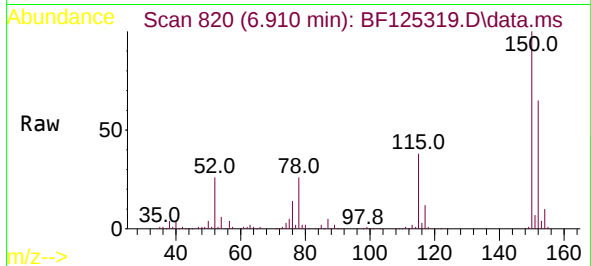




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

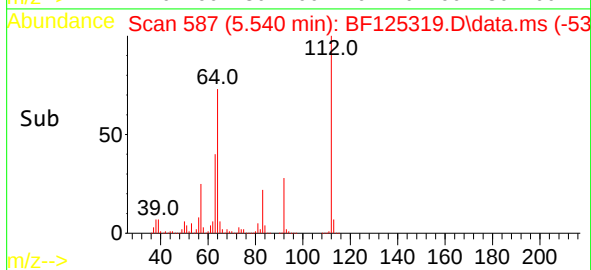
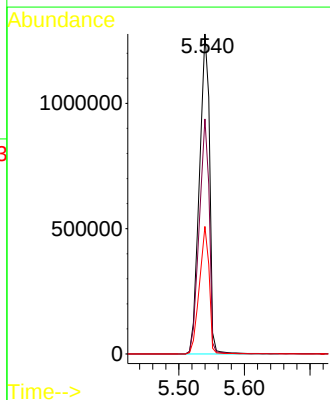
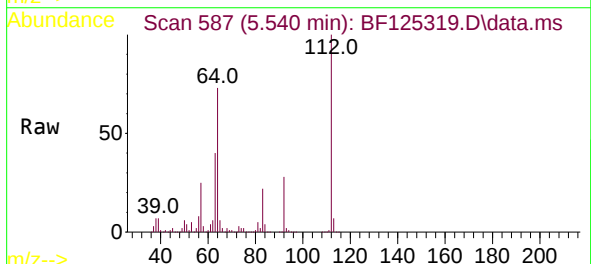
Instrument :
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PB138856TB

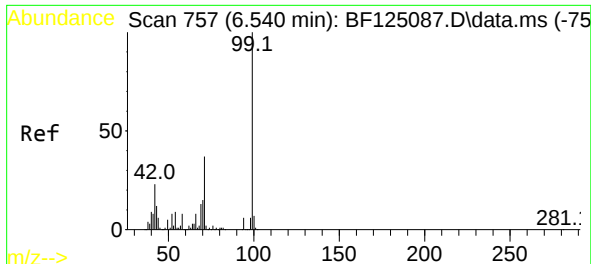
Tgt Ion:152 Resp: 196118
Ion Ratio Lower Upper
152 100
150 154.4 117.6 176.4
115 59.4 47.1 70.7



#5
2-Fluorophenol
Concen: 107.289 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

Tgt Ion:112 Resp: 1390151
Ion Ratio Lower Upper
112 100
64 73.4 44.2 66.2#
63 39.8 26.2 39.2#



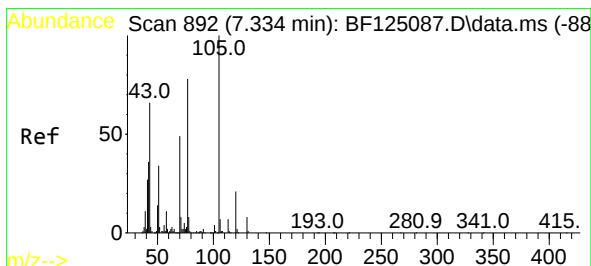
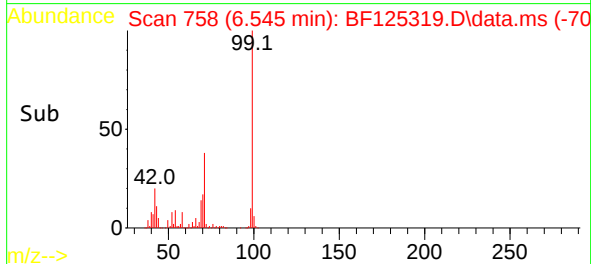
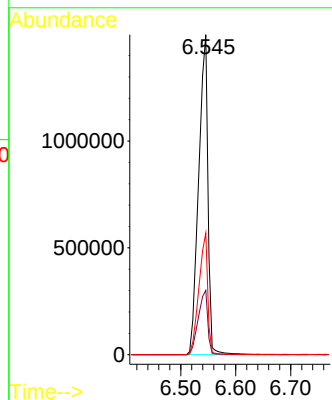
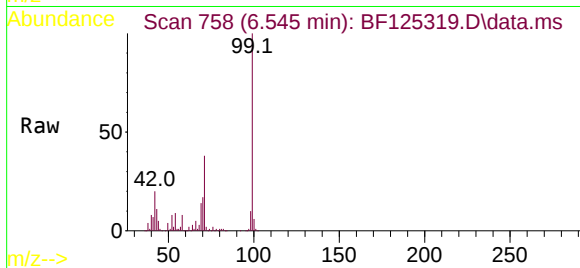


#7
Phenol-d6
Concen: 105.209 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

Instrument :
BNA_F
ClientSampleId :
PB138856TB

Tgt Ion: 99 Resp: 1763051

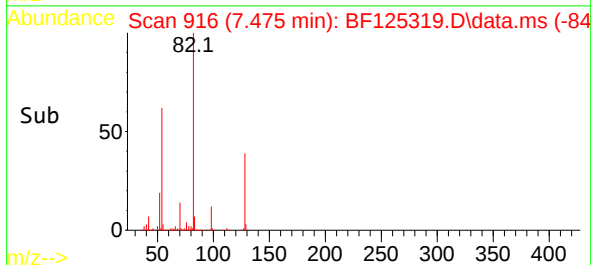
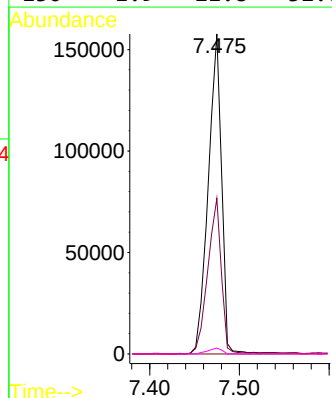
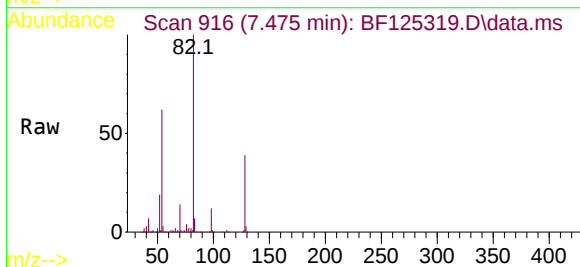
Ion	Ratio	Lower	Upper
99	100		
42	20.1	23.5	35.3#
71	38.1	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.226 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

Tgt Ion: 70 Resp: 163547

Ion	Ratio	Lower	Upper
70	100		
42	48.6	72.2	108.2#
101	0.0	7.8	11.8#
130	1.9	21.8	32.6#

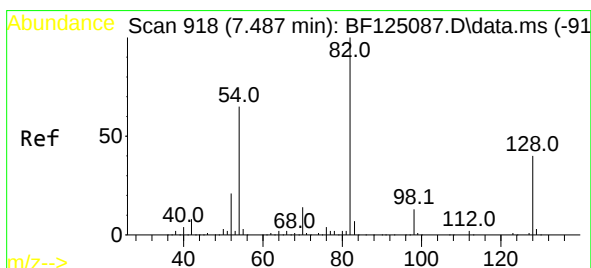
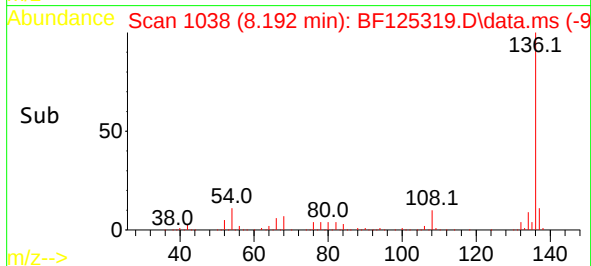
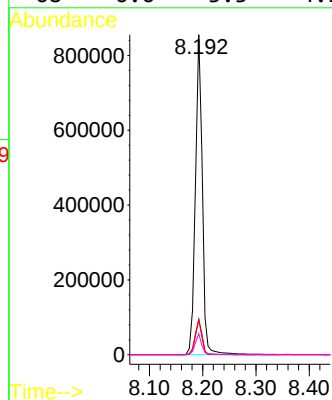
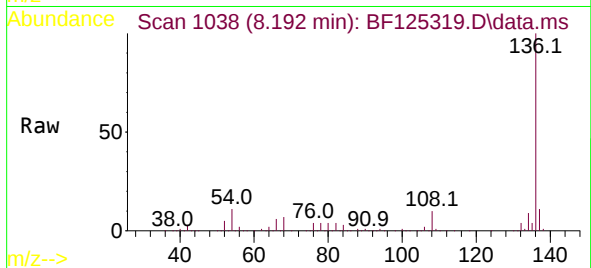




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

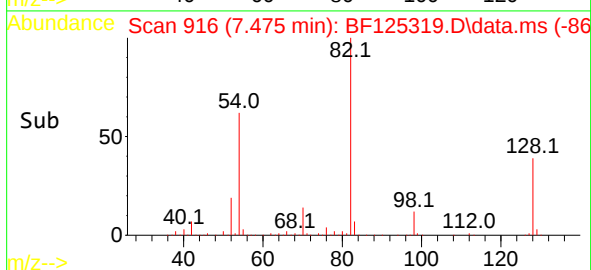
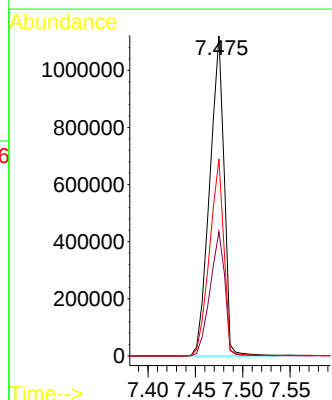
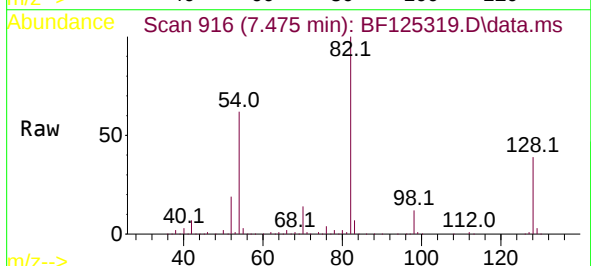
Instrument :
BNA_F
ClientSampleId :
PB138856TB

Tgt Ion:136 Resp: 776416
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 11.0 6.4 9.6#
68 6.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 76.931 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

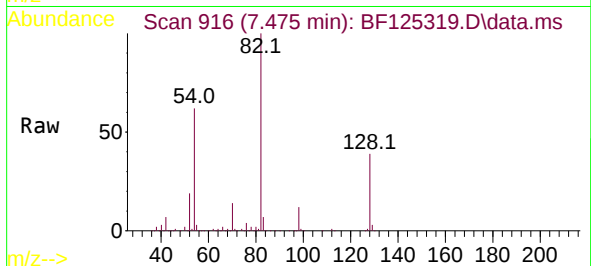
Tgt Ion: 82 Resp: 1186450
Ion Ratio Lower Upper
82 100
128 38.9 40.6 60.8#
54 61.5 49.6 74.4



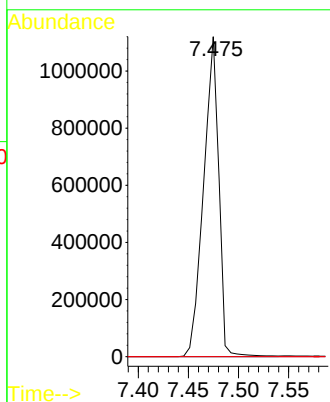
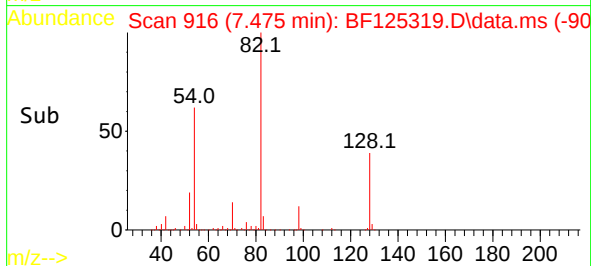


#25
Isophorone
Concen: 39.885 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

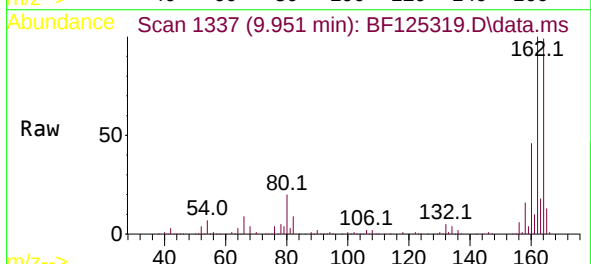
Instrument :
BNA_F
ClientSampleId :
PB138856TB



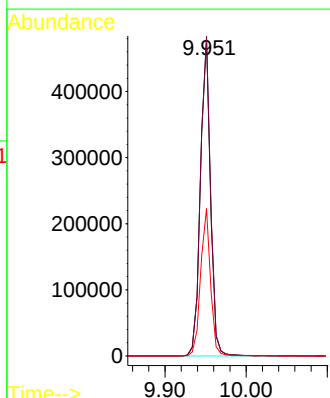
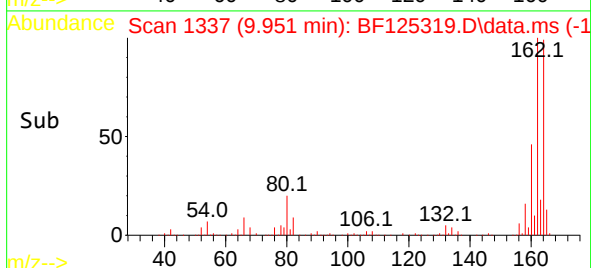
Tgt Ion: 82 Resp: 1186626
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

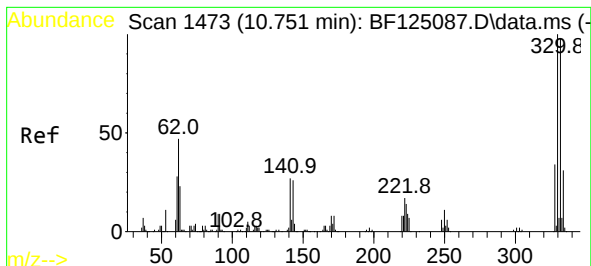


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10



Tgt Ion: 164 Resp: 413044
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 46.5 38.0 57.0

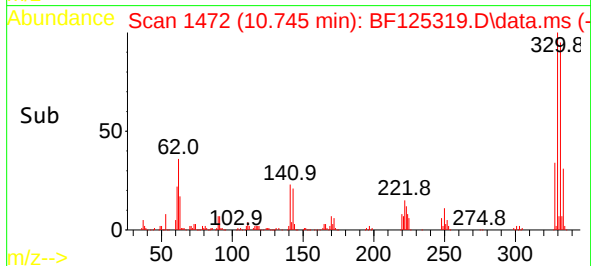
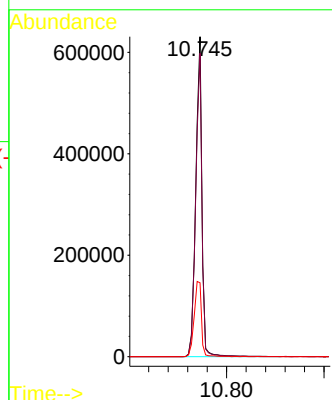
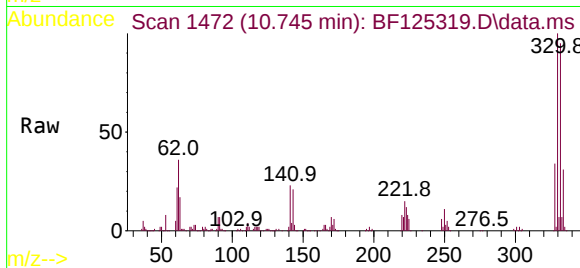




#42
2,4,6-Tribromophenol
Concen: 134.918 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

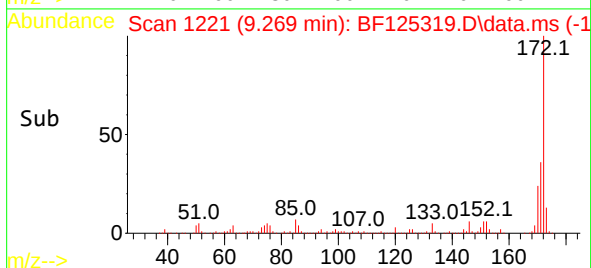
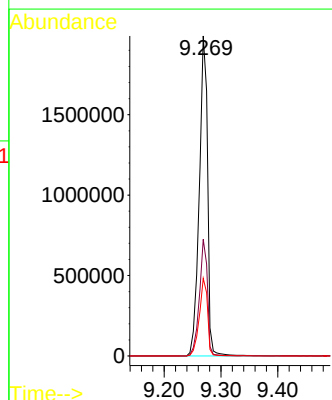
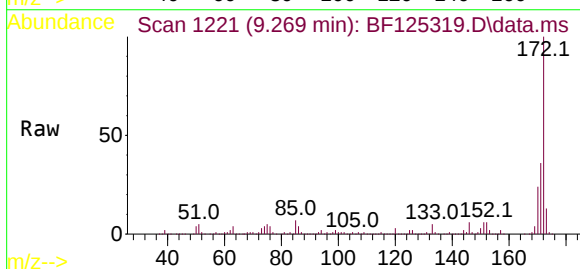
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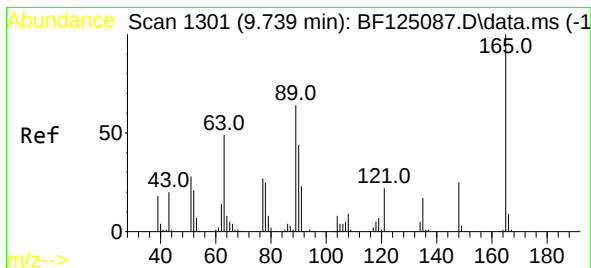
Tgt Ion:330 Resp: 556279
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 27.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 68.958 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

Tgt Ion:172 Resp: 2043635
Ion Ratio Lower Upper
172 100
171 36.5 26.5 39.7
170 24.2 18.8 28.2

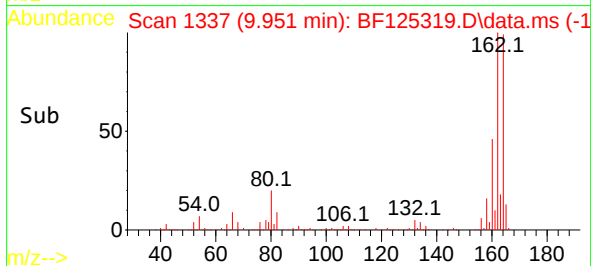
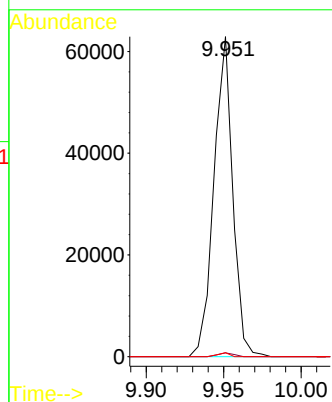
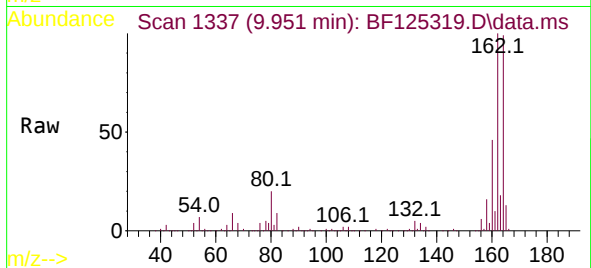




#51
2,6-Dinitrotoluene
Concen: 8.551 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

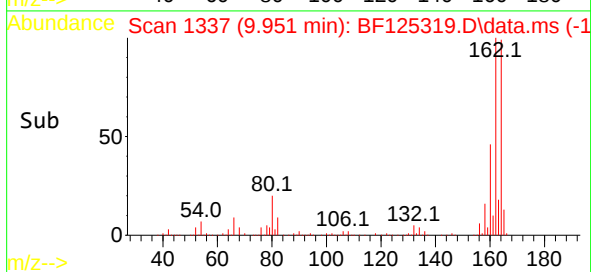
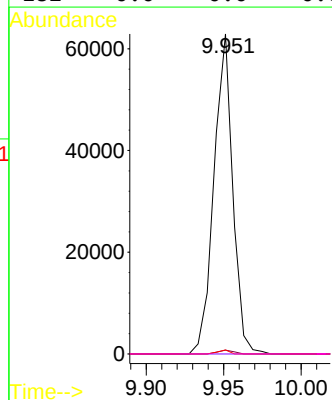
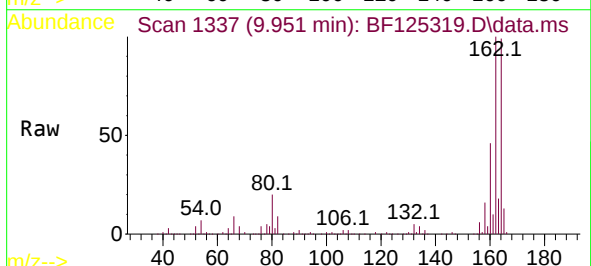
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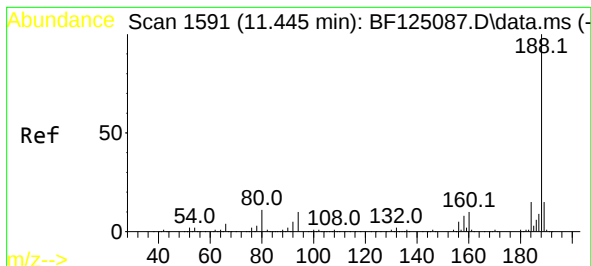
Tgt Ion:165 Resp: 53071
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.065 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

Tgt Ion:165 Resp: 53071
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

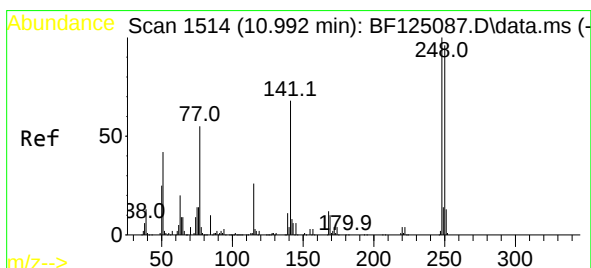
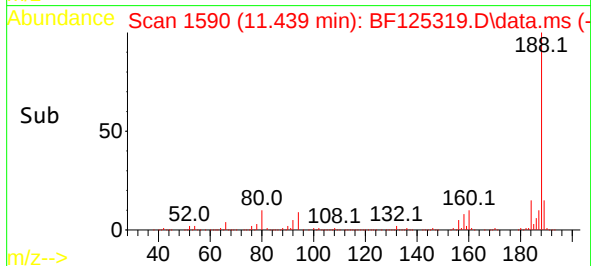
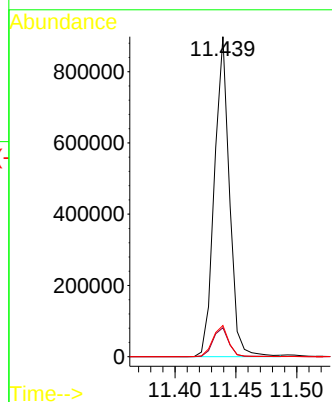
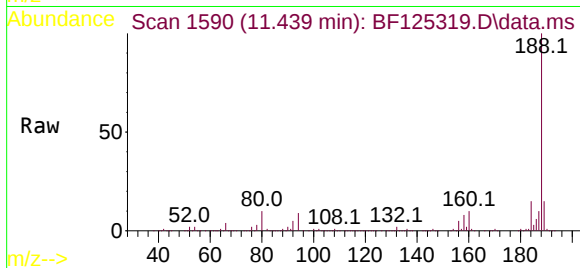




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

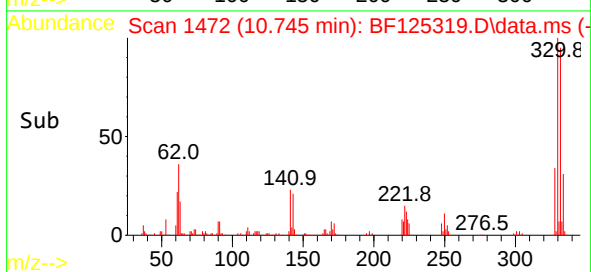
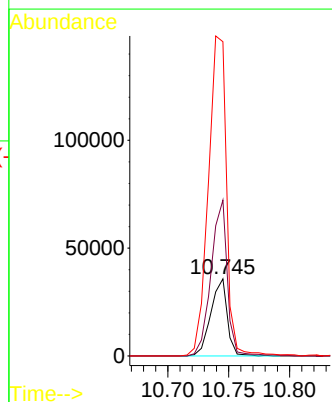
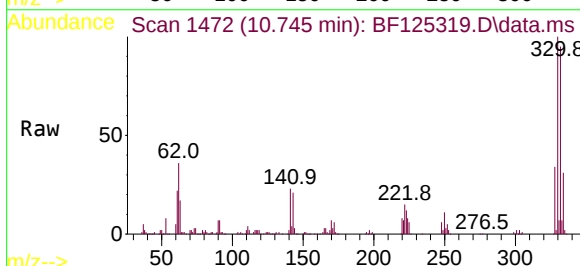
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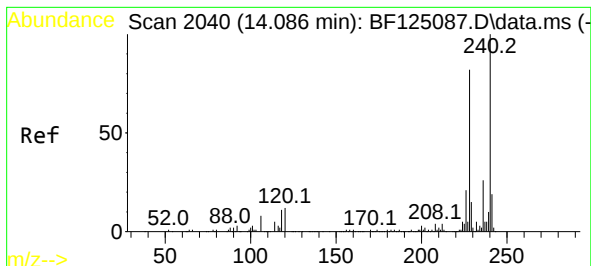
Tgt Ion:188 Resp: 771905
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.639 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.235 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

Tgt Ion:248 Resp: 33734
Ion Ratio Lower Upper
248 100
250 201.9 74.2 111.4#
141 407.1 60.4 90.6#

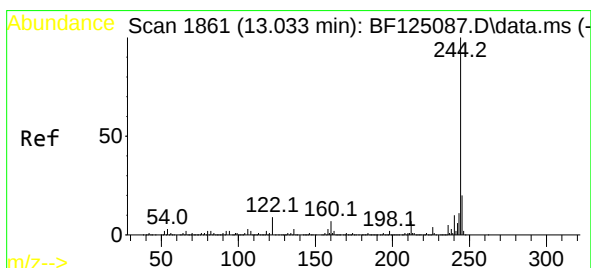
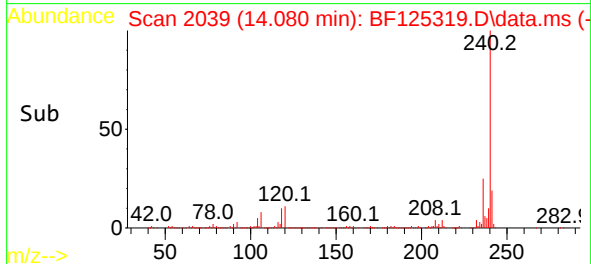
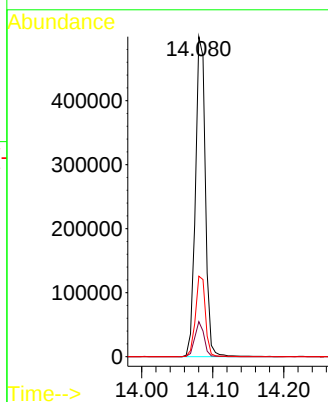
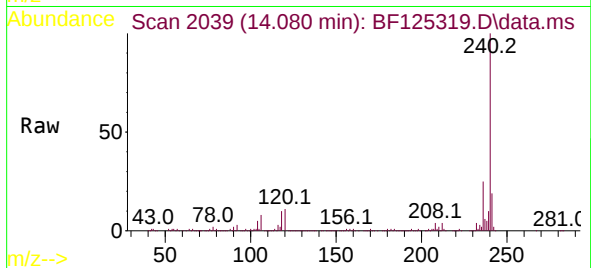




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

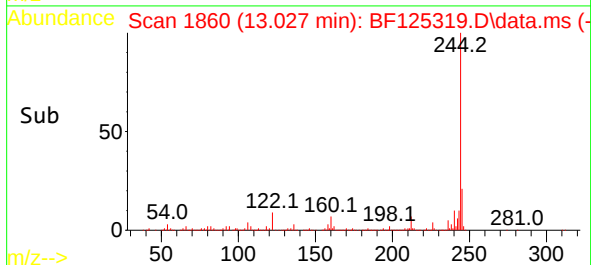
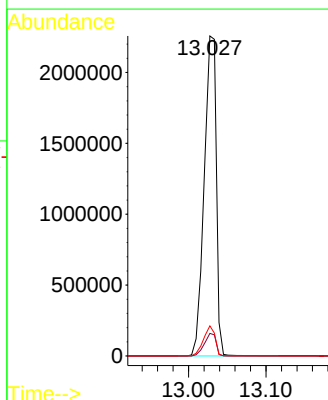
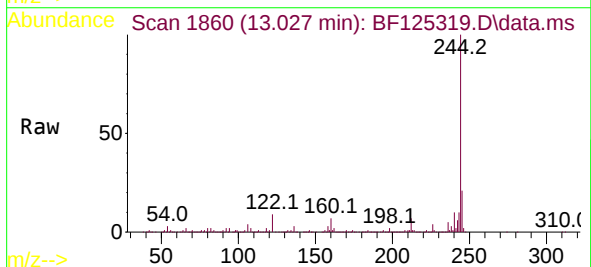
Instrument :
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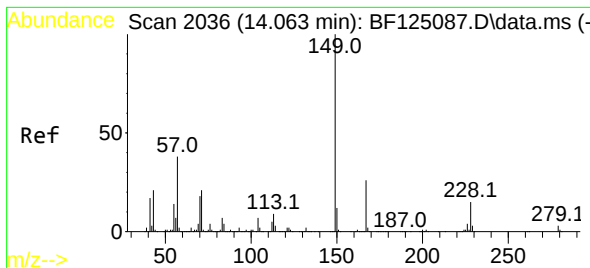
Tgt Ion:240 Resp: 487829
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 25.1 21.6 32.4



#79
Terphenyl-d14
Concen: 80.067 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

Tgt Ion:244 Resp: 2451771
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.4 9.0 13.4

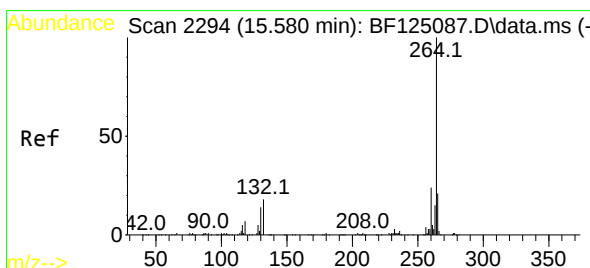
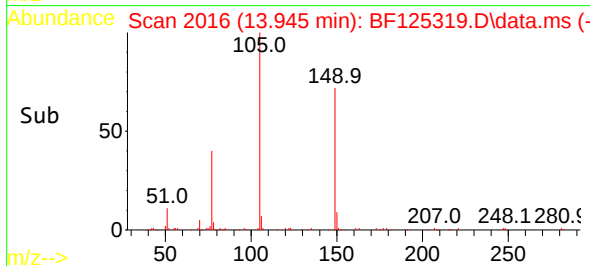
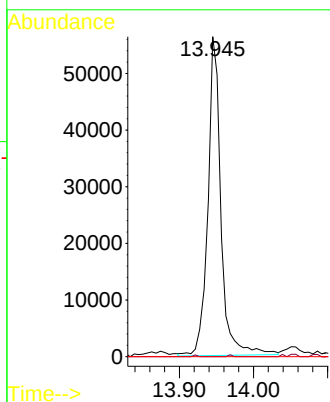
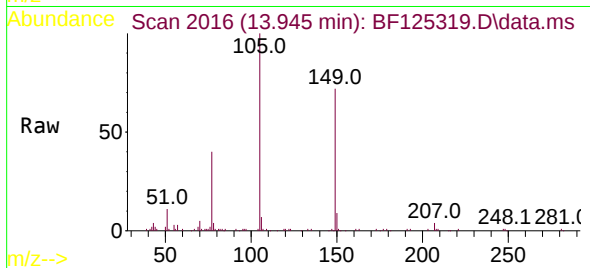




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.052 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.112 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

Instrument :
BNA_F
ClientSampleId :
PB138856TB

Tgt Ion:149 Resp: 68974
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: 15.586 min Scan# 2295
Delta R.T. 0.012 min
Lab File: BF125319.D
Acq: 2 Sep 2021 14:10

Tgt Ion:264 Resp: 381543
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.4 17.2 25.8

