

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125517.D
 Acq On : 15 Sep 2021 22:12
 Operator : JU/CG
 Sample : M3684-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A017015

Quant Time: Sep 16 03:07:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 15 15:08:32 2021
 Response via : Initial Calibration

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

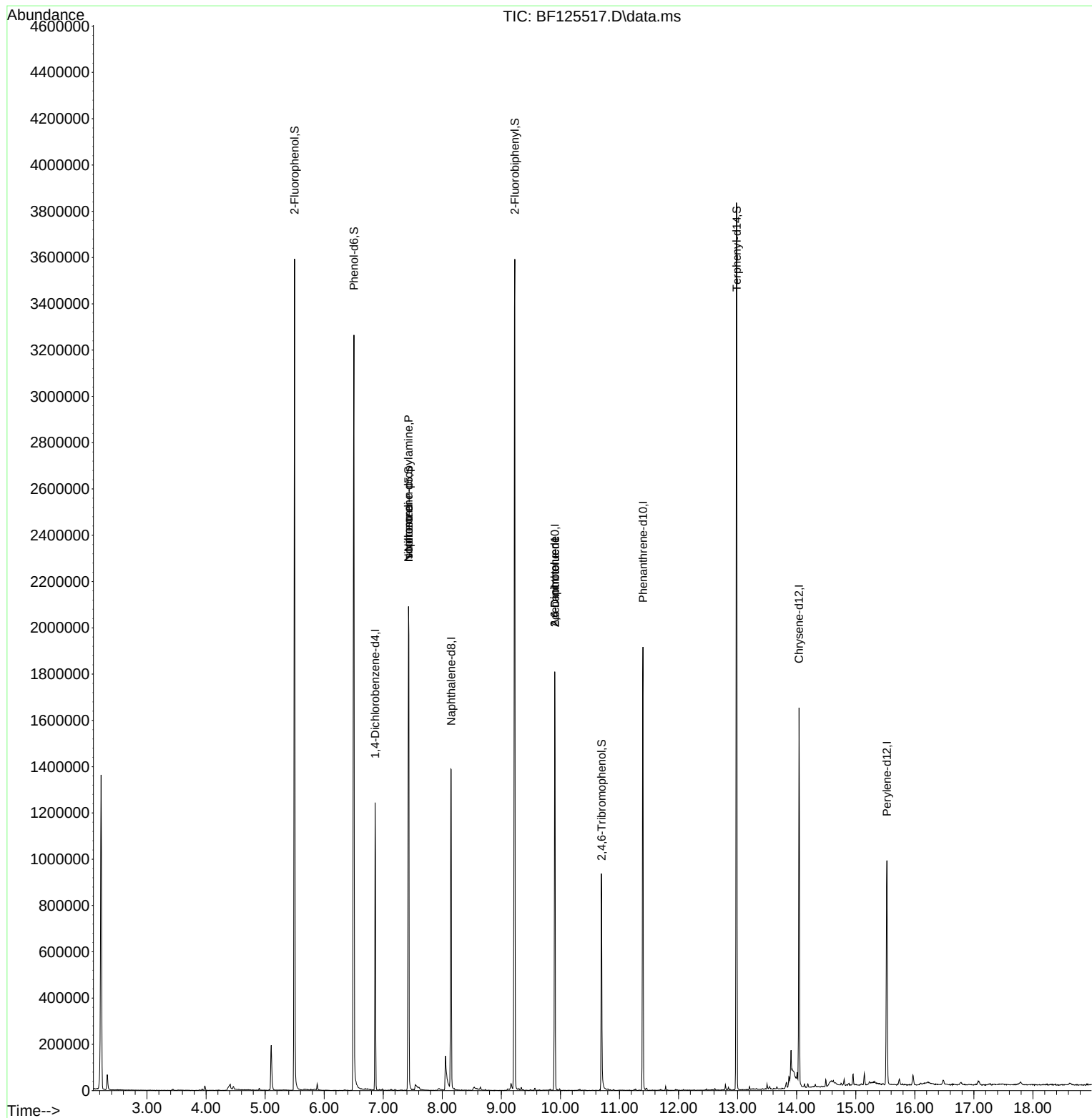
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	178612	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	718454	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	395891	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	737689	20.000	ng	0.00
76) Chrysene-d12	14.039	240	555817	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	437463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	918714	81.728	ng	0.00
7) Phenol-d6	6.504	99	1190420	79.678	ng	0.00
23) Nitrobenzene-d5	7.428	82	809312	55.618	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	129663	26.892	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1319296	48.900	ng	0.00
79) Terphenyl-d14	12.986	244	1554113	45.340	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	2003	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.428	70	110007	12.251	ng	# 56
25) Isophorone	7.428	82	803800	28.952	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	50673	7.989	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	50673	6.208	ng	# 19

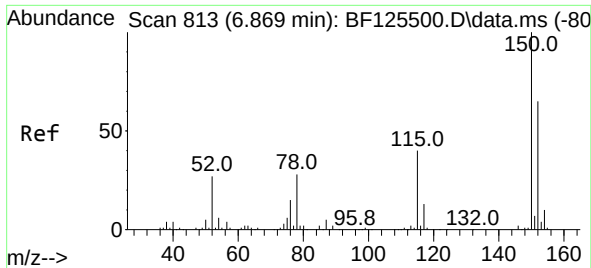
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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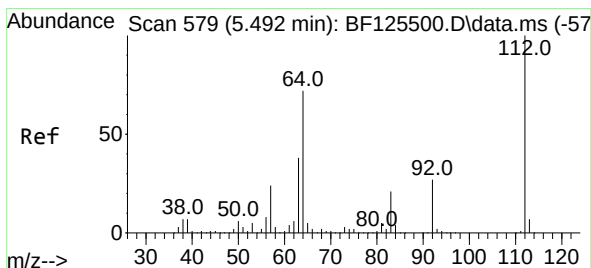
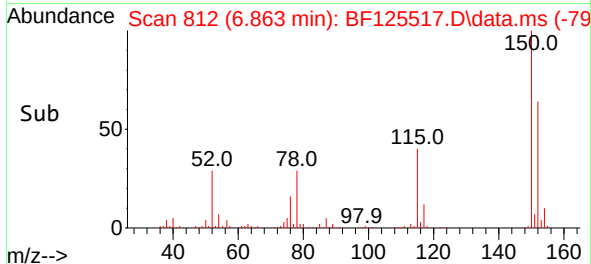
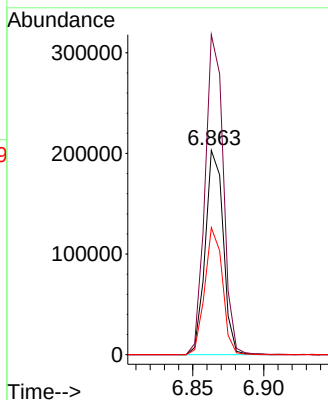
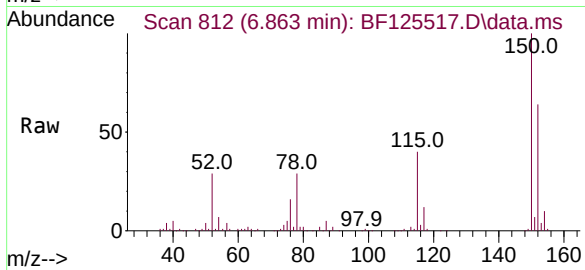




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

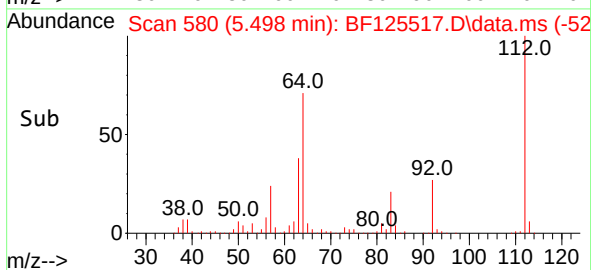
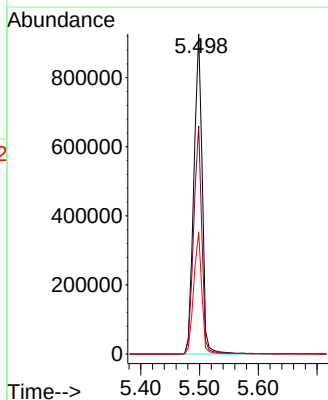
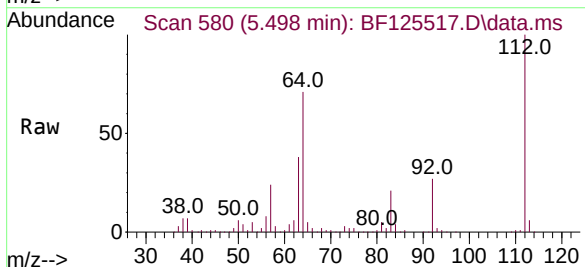
Instrument :
BNA_F
ClientSampleId :
A017015

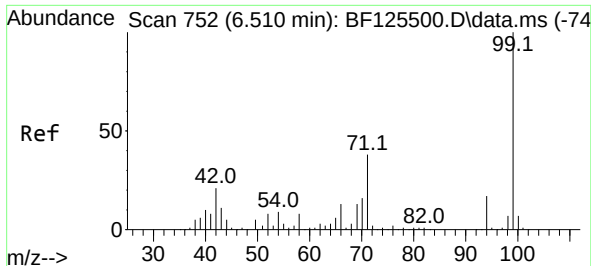
Tgt Ion:152 Resp: 178612
Ion Ratio Lower Upper
152 100
150 156.6 117.6 176.4
115 62.2 47.1 70.7



#5
2-Fluorophenol
Concen: 81.728 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

Tgt Ion:112 Resp: 918714
Ion Ratio Lower Upper
112 100
64 71.3 44.2 66.2#
63 38.0 26.2 39.2

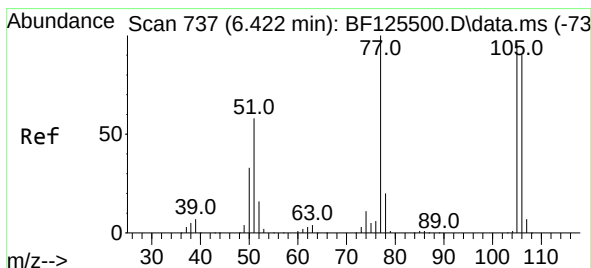
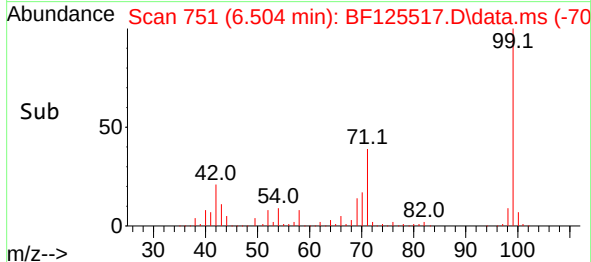
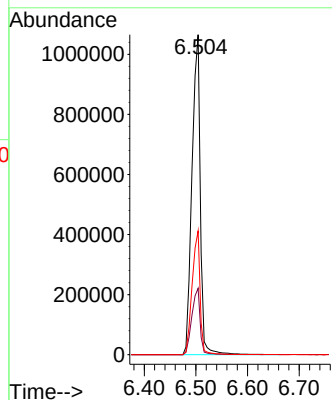
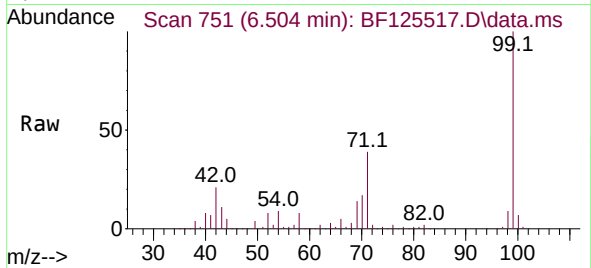




#7
Phenol-d6
Concen: 79.678 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

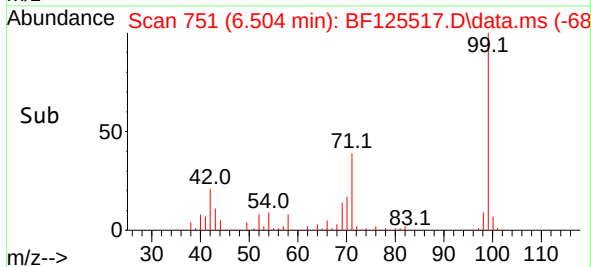
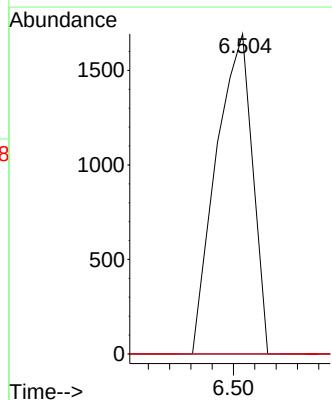
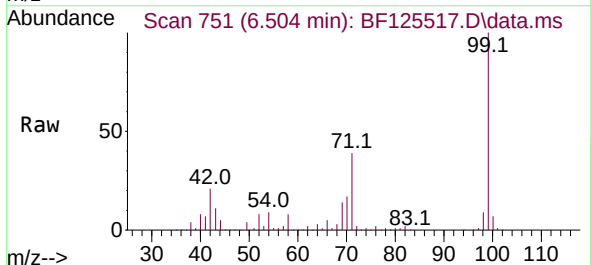
Instrument :
BNA_F
ClientSampleId :
A017015

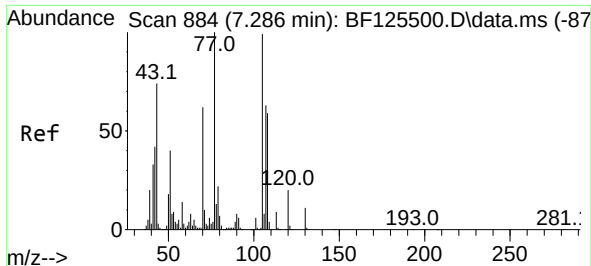
Tgt Ion: 99 Resp: 1190420
Ion Ratio Lower Upper
99 100
42 20.8 23.5 35.3#
71 38.7 25.6 38.4#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.082 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

Tgt Ion: 77 Resp: 2003
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

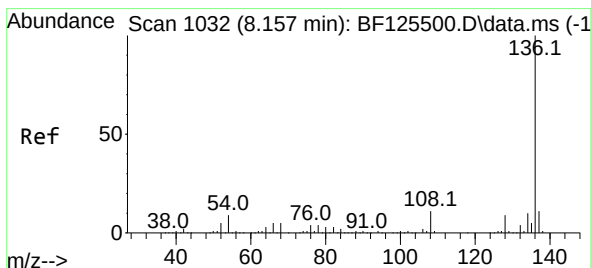
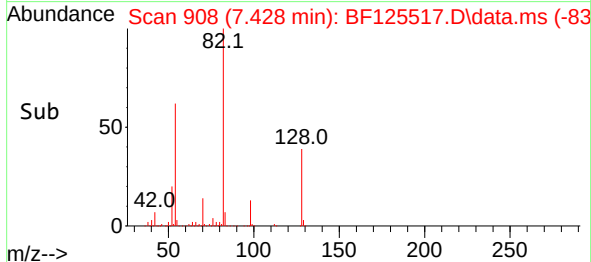
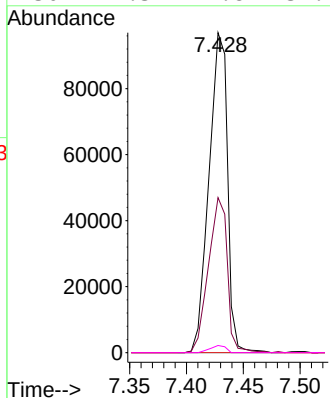
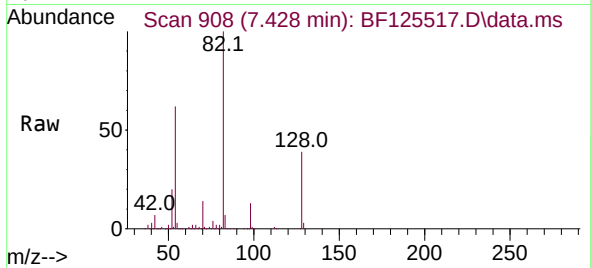




#19
n-Nitroso-di-n-propylamine
Concen: 12.251 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

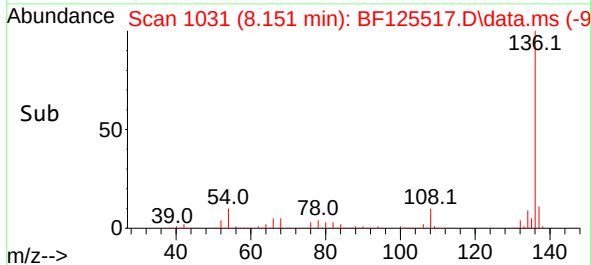
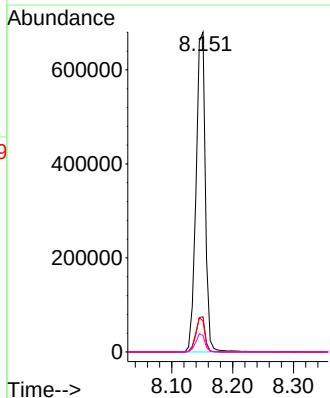
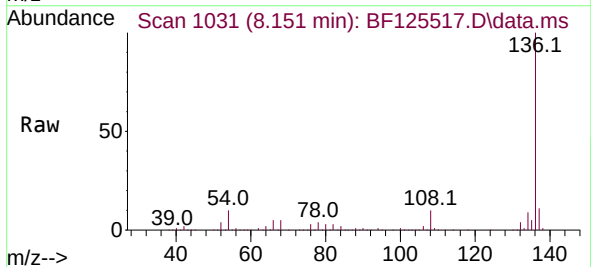
Instrument :
BNA_F
ClientSampleId :
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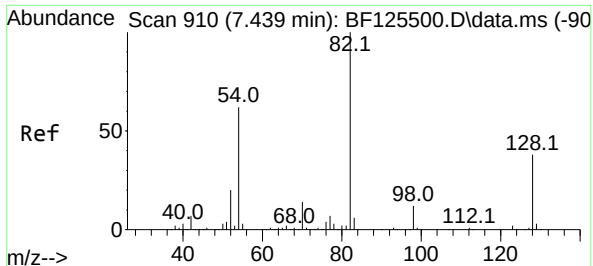
Tgt Ion: 70 Resp: 110007
Ion Ratio Lower Upper
70 100
42 48.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

Tgt Ion: 136 Resp: 718454
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.7 6.4 9.6#
68 5.1 3.3 4.9#

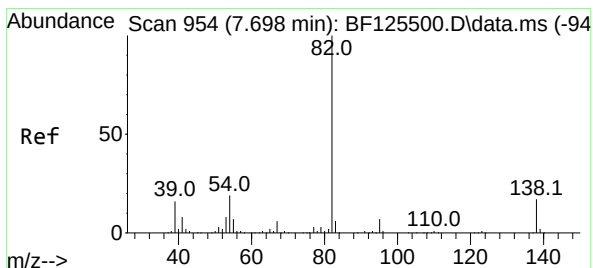
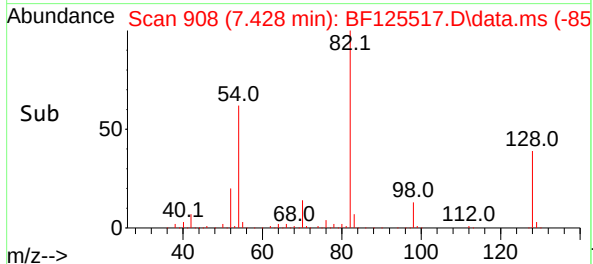
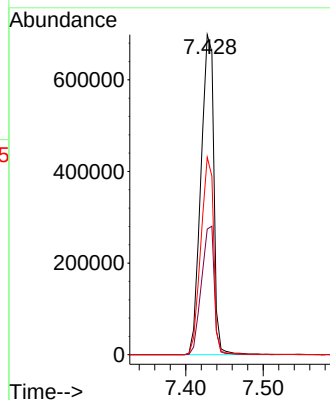
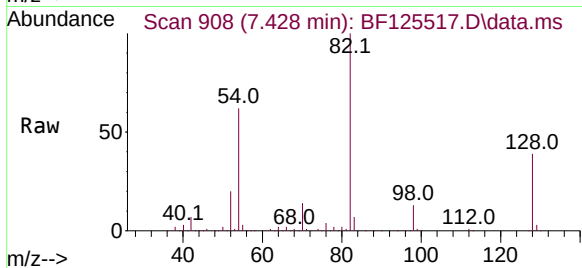




#23
Nitrobenzene-d5
Concen: 55.618 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.011 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

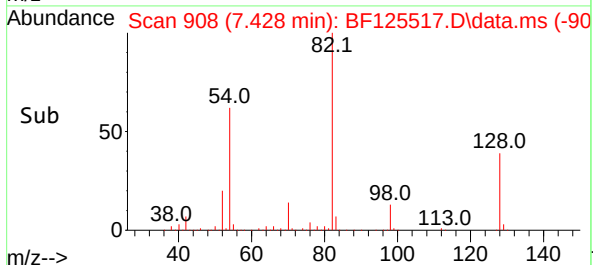
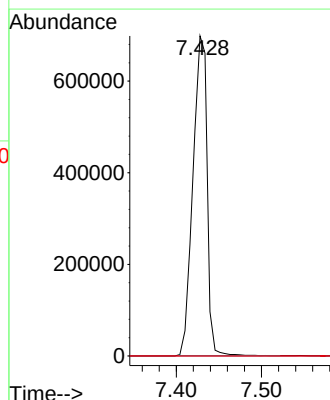
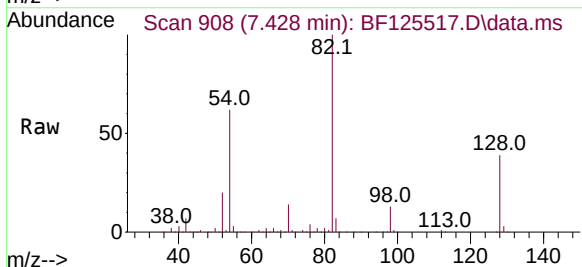
Instrument :
BNA_F
ClientSampleId :
A017015

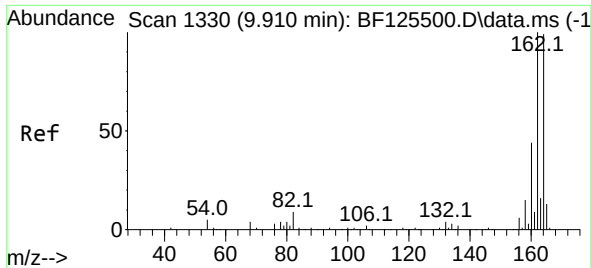
Tgt Ion: 82 Resp: 809312
Ion Ratio Lower Upper
82 100
128 39.3 40.6 60.8#
54 61.7 49.6 74.4



#25
Isophorone
Concen: 28.952 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.270 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

Tgt Ion: 82 Resp: 803800
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



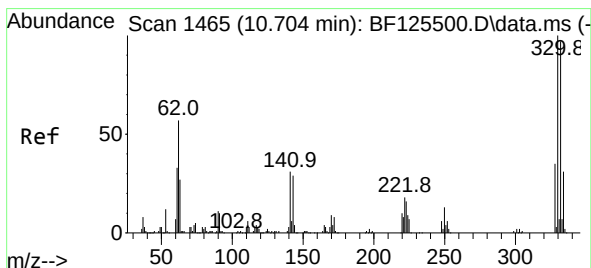
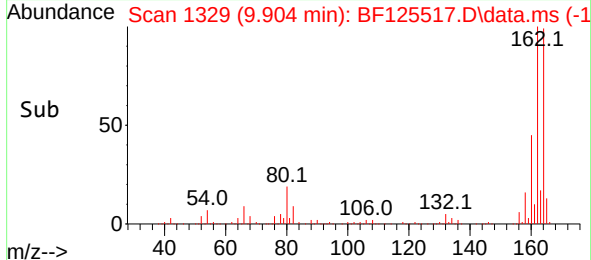
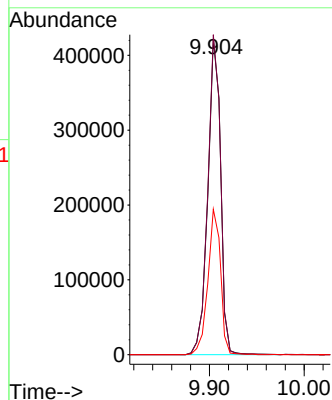
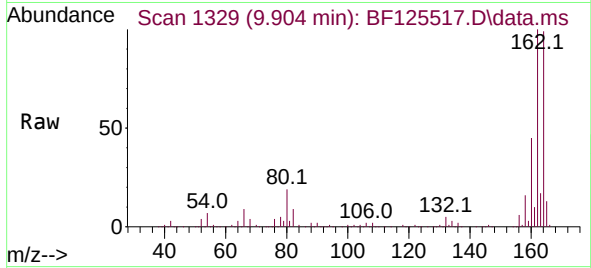


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

Instrument :
BNA_F
ClientSampleId :
A017015

Tgt Ion:164 Resp: 395891

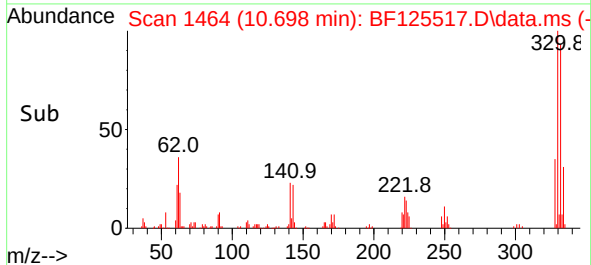
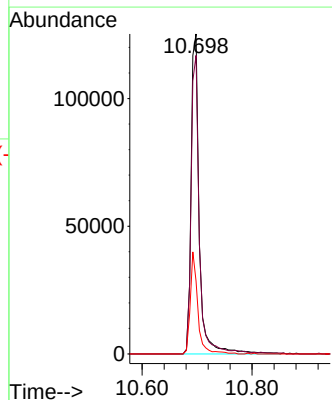
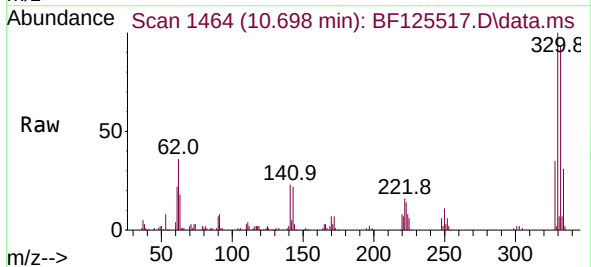
Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	46.1	38.0	57.0

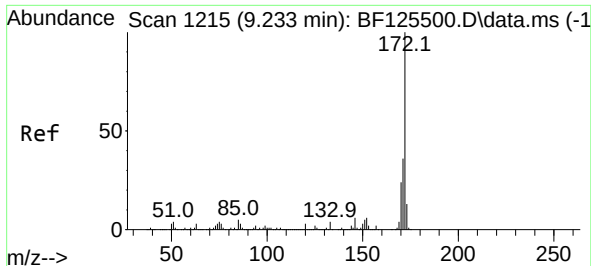


#42
2,4,6-Tribromophenol
Concen: 26.892 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

Tgt Ion:330 Resp: 129663

Ion	Ratio	Lower	Upper
330	100		
332	93.4	76.2	114.4
141	29.3	44.6	66.8#

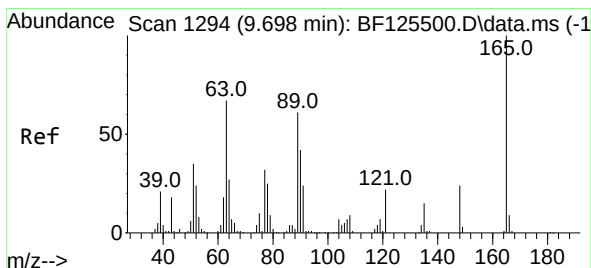
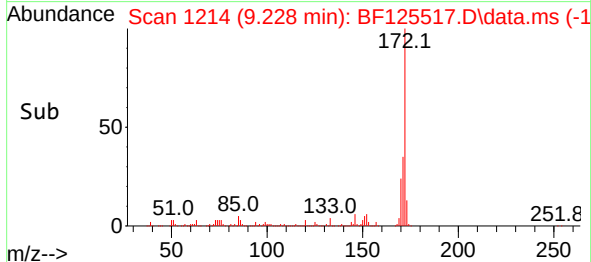
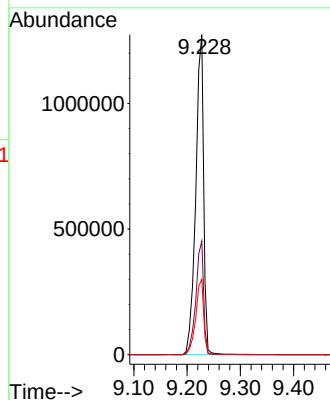
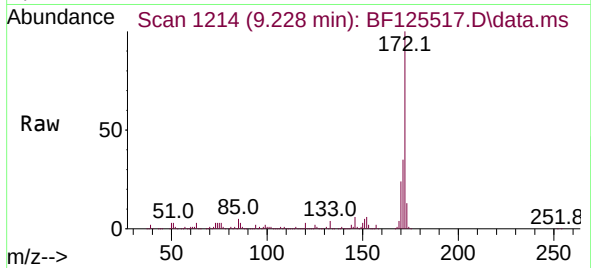




#45
2-Fluorobiphenyl
Concen: 48.900 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

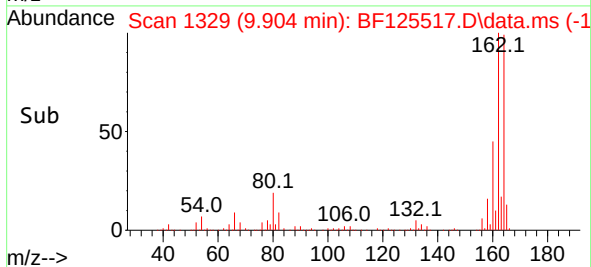
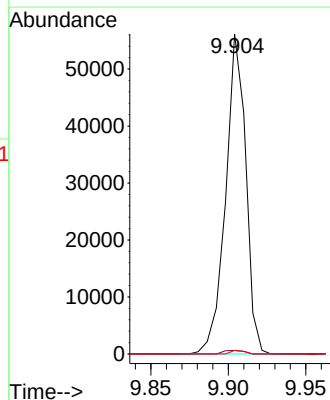
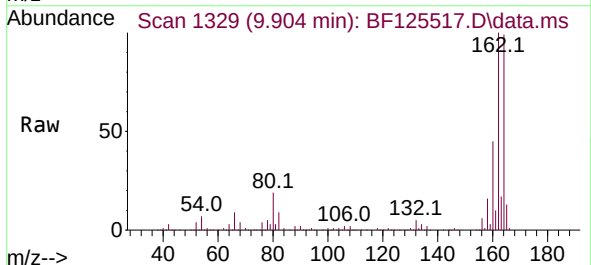
Instrument :
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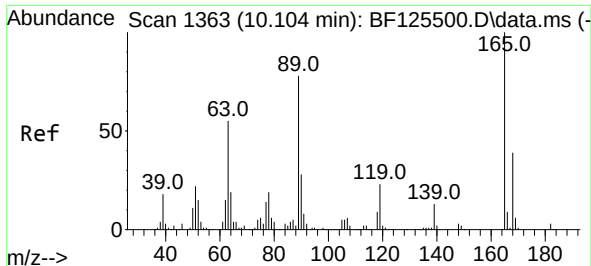
Tgt Ion:172 Resp: 1319296
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 7.989 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

Tgt Ion:165 Resp: 50673
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.1 40.6 60.8#

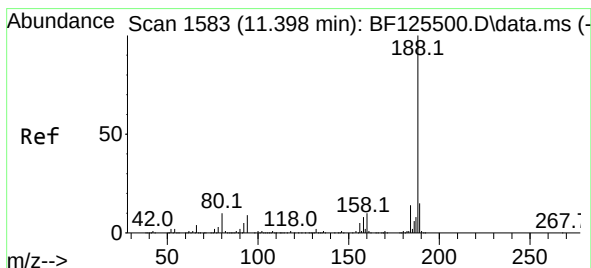
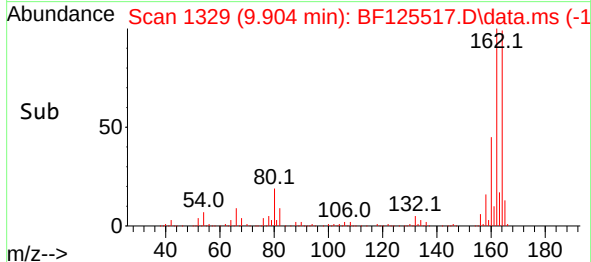
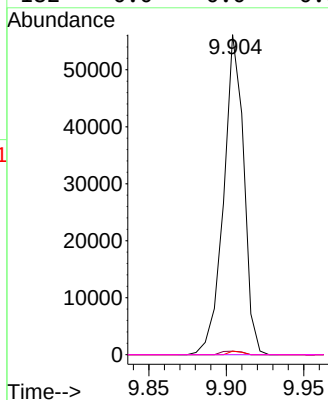
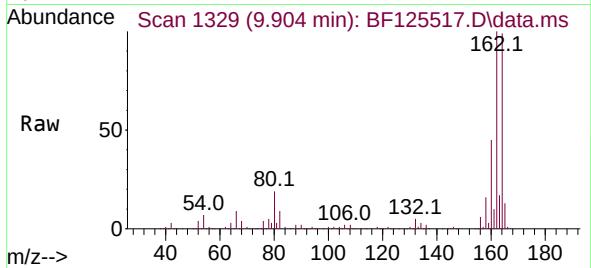




#57
2,4-Dinitrotoluene
Concen: 6.208 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

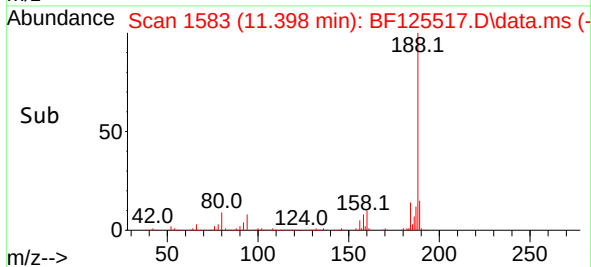
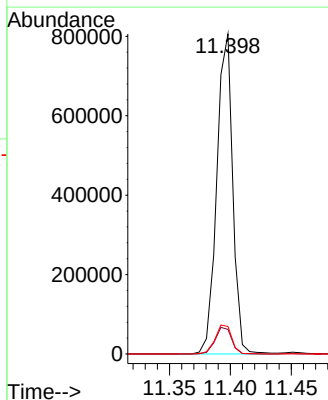
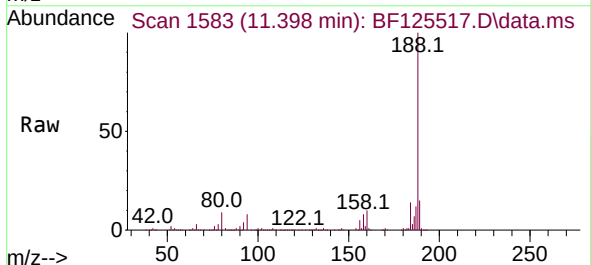
Instrument :
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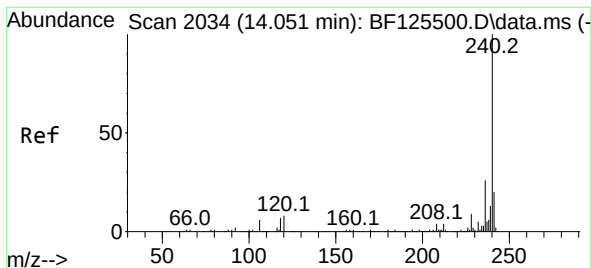
Tgt Ion:165	Resp:	50673
Ion Ratio	Lower	Upper
165	100	
63	1.1	40.9 61.3#
89	1.1	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

Tgt Ion:188	Resp:	737689
Ion Ratio	Lower	Upper
188	100	
94	7.7	6.7 10.1
80	8.6	7.5 11.3

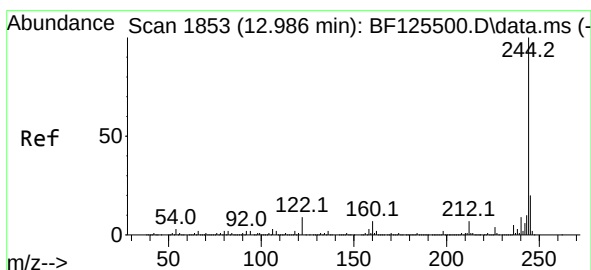
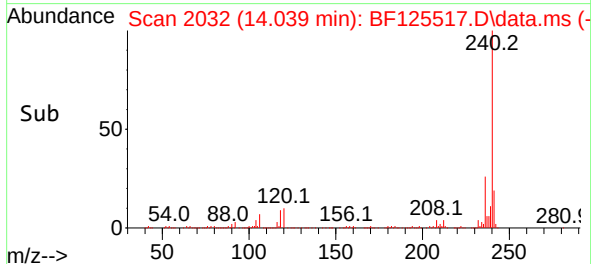
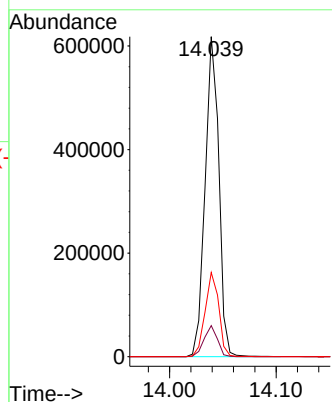
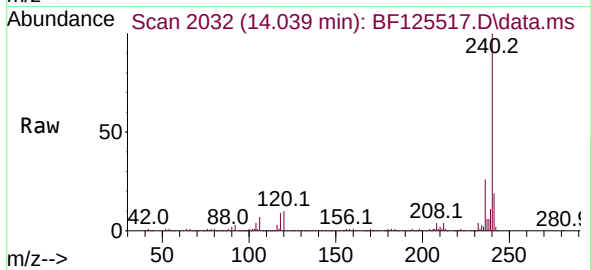




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

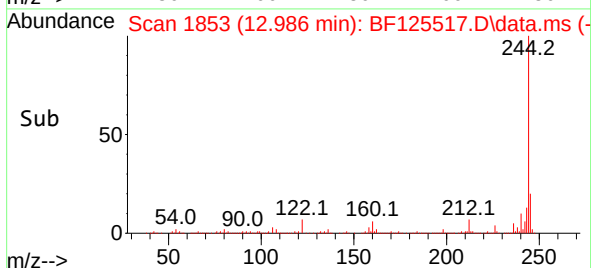
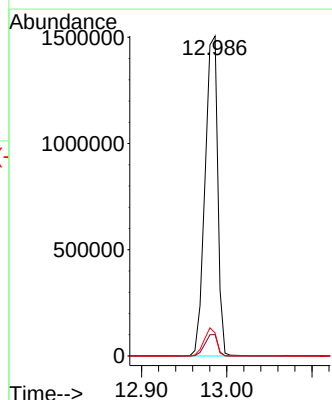
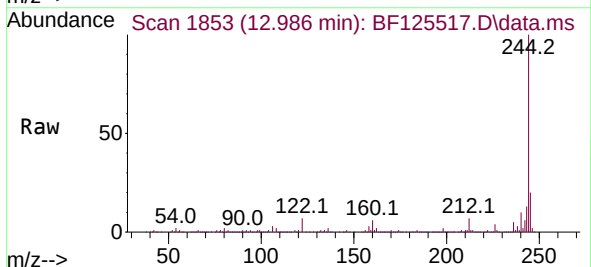
Instrument :
BNA_F
ClientSampleId :
A017015

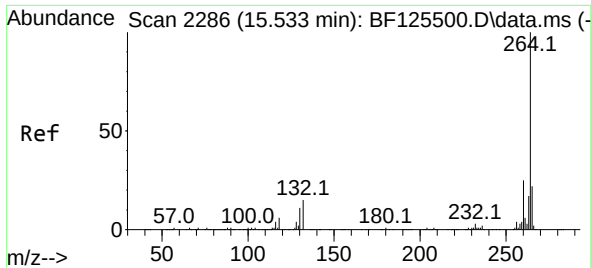
Tgt Ion:240 Resp: 555817
Ion Ratio Lower Upper
240 100
120 9.7 10.8 16.2#
236 26.3 21.6 32.4



#79
Terphenyl-d14
Concen: 45.340 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF125517.D
Acq: 15 Sep 2021 22:12

Tgt Ion:244 Resp: 1554113
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 7.2 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF125517.D
 Acq: 15 Sep 2021 22:12

Instrument :
 BNA_F
 ClientSampleId :
 A017015

Tgt Ion:264	Resp:	437463
Ion Ratio	Lower	Upper
264	100	
260	23.3	19.6 29.4
265	21.0	17.2 25.8

