

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125526.D
 Acq On : 16 Sep 2021 2:59
 Operator : JU/CG
 Sample : M3687-27 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A011145

Quant Time: Sep 16 04:16:03 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)

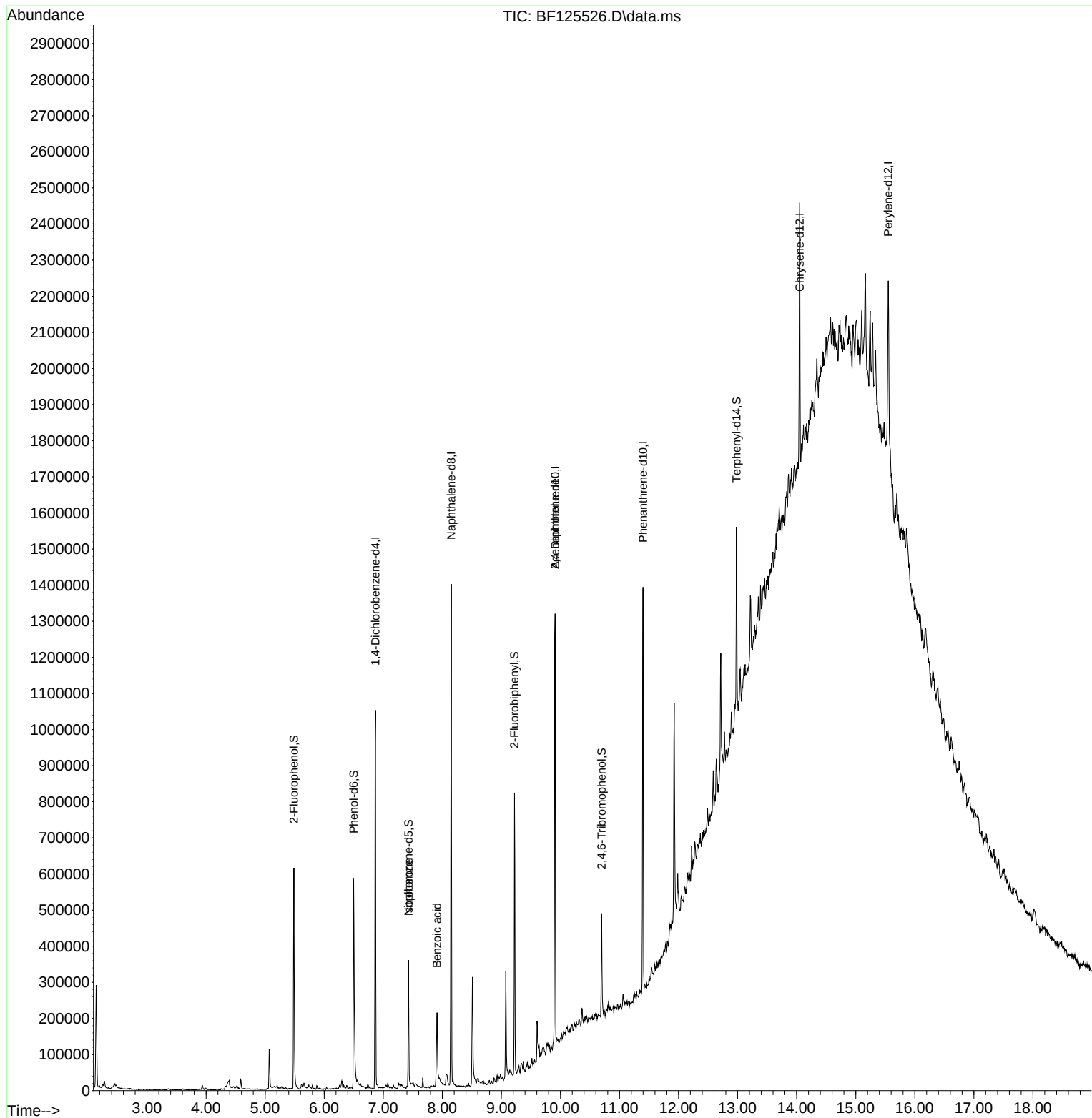
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	157250	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	566203	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	256047	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	392348	20.000	ng	0.00
76) Chrysene-d12	14.051	240	274545	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	220874	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	162003	16.369	ng	0.00
7) Phenol-d6	6.498	99	194329	14.774	ng	-0.01
23) Nitrobenzene-d5	7.428	82	101160	8.821	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	32773	10.509	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	227199	13.021	ng	-0.01
79) Terphenyl-d14	12.980	244	180388	10.654	ng	0.00
Target Compounds						
9) Benzaldehyde	6.422	77	690	Below Cal	#	81
20) 3+4-Methylphenols	7.316	107	4020	Below Cal	#	64
25) Isophorone	7.428	82	101158	4.623	ng	# 59
32) Benzoic acid	7.910	122	31902	5.954	ng	89
57) 2,4-Dinitrotoluene	9.910	165	32602	6.176	ng	# 20

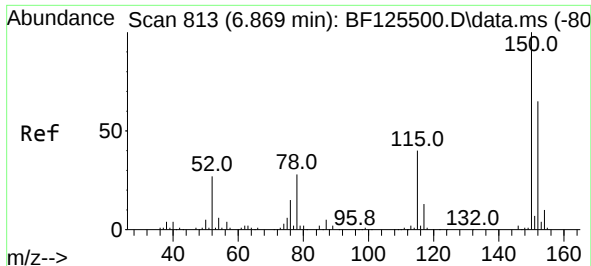
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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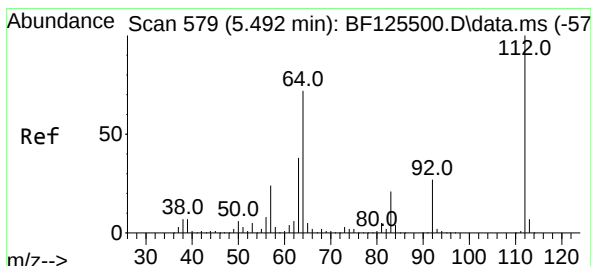
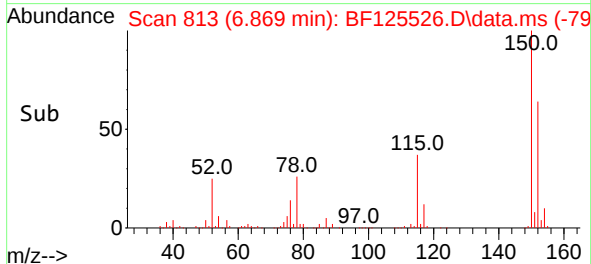
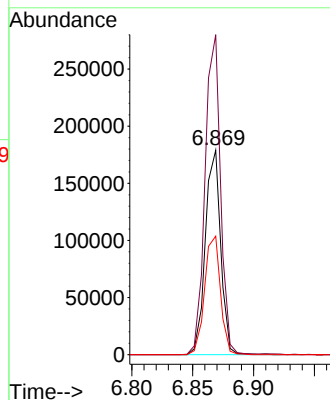
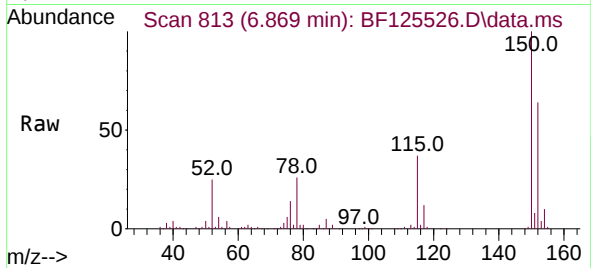




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BF125526.D
 Acq: 16 Sep 2021 2:59

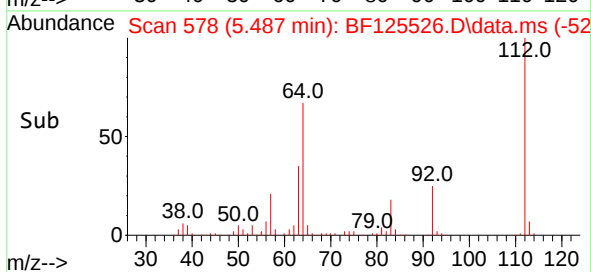
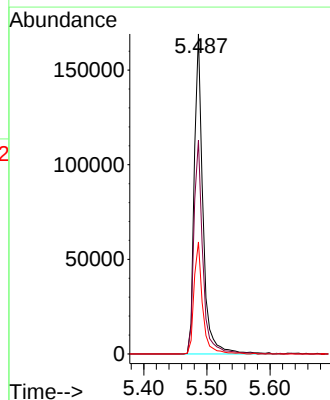
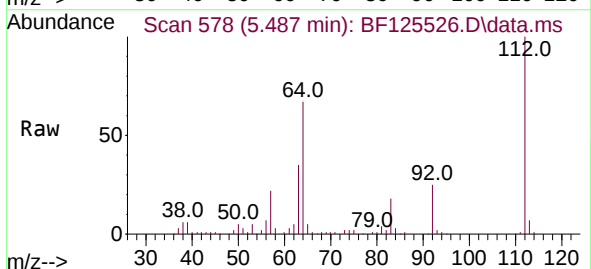
Instrument :
 BNA_F
 ClientSampleId :
 A011145

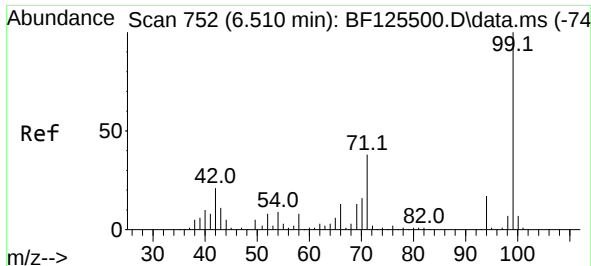
Tgt Ion:152 Resp: 157250
 Ion Ratio Lower Upper
 152 100
 150 156.5 117.6 176.4
 115 58.0 47.1 70.7



#5
 2-Fluorophenol
 Concen: 16.369 ng
 RT: 5.487 min Scan# 578
 Delta R.T. -0.005 min
 Lab File: BF125526.D
 Acq: 16 Sep 2021 2:59

Tgt Ion:112 Resp: 162003
 Ion Ratio Lower Upper
 112 100
 64 66.8 44.2 66.2#
 63 35.0 26.2 39.2

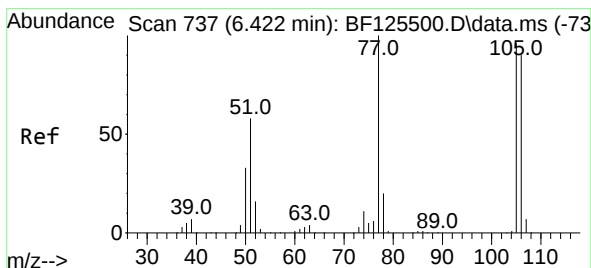
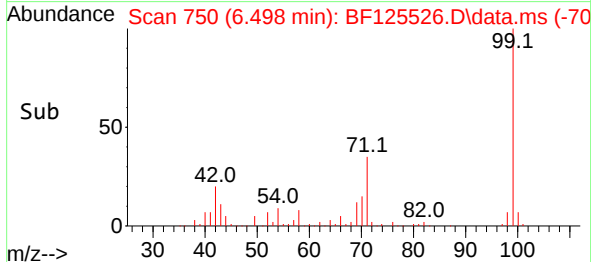
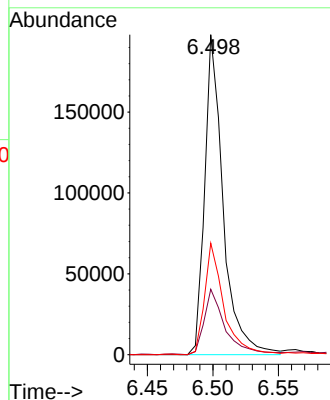
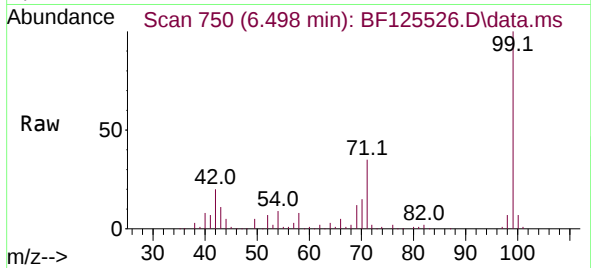




#7
Phenol-d6
Concen: 14.774 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125526.D
Acq: 16 Sep 2021 2:59

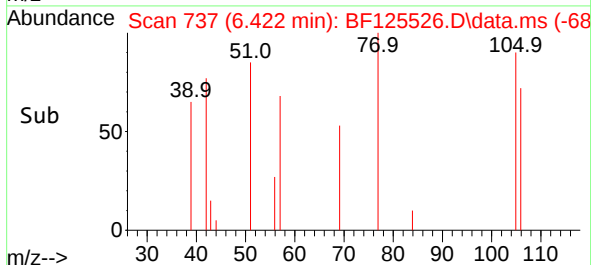
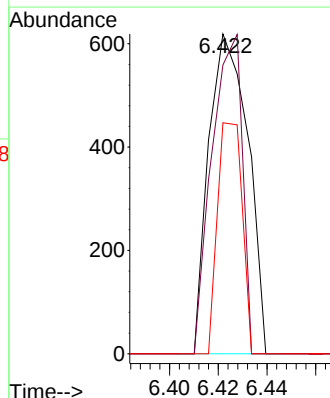
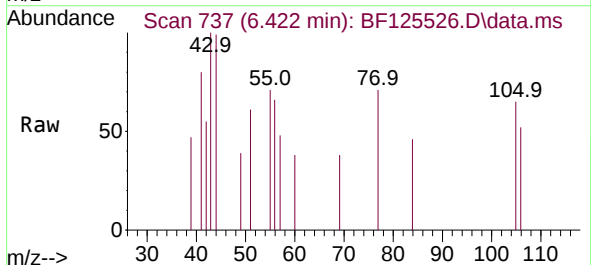
Instrument :
BNA_F
ClientSampled :
A011145

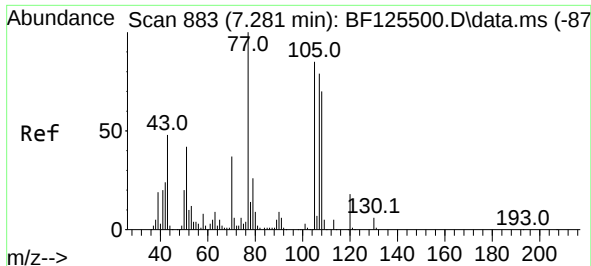
Tgt Ion: 99 Resp: 194329
Ion Ratio Lower Upper
99 100
42 20.5 23.5 35.3#
71 34.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF125526.D
Acq: 16 Sep 2021 2:59

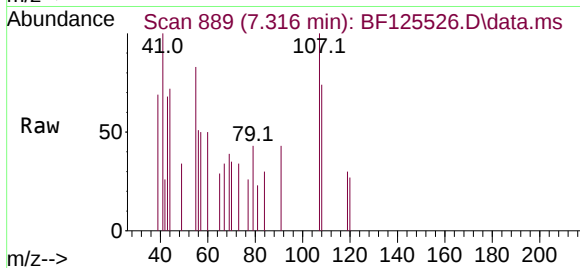
Tgt Ion: 77 Resp: 690
Ion Ratio Lower Upper
77 100
105 90.3 75.9 115.9
106 72.2 84.0 124.0#



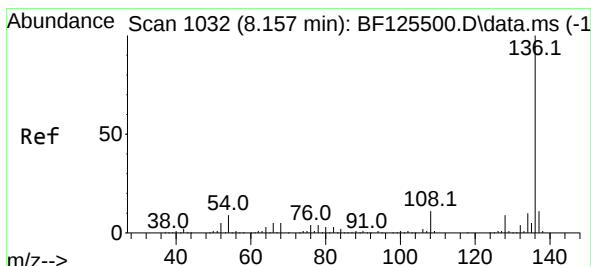
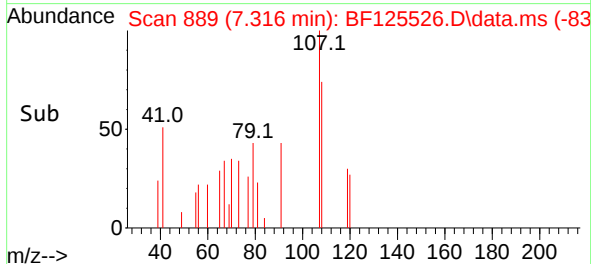
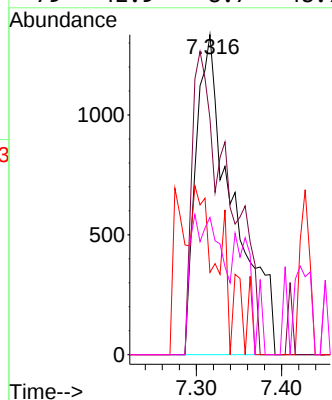


#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.316 min Scan# 889
Delta R.T. 0.035 min
Lab File: BF125526.D
Acq: 16 Sep 2021 2:59

Instrument :
BNA_F
ClientSampleId :
A011145

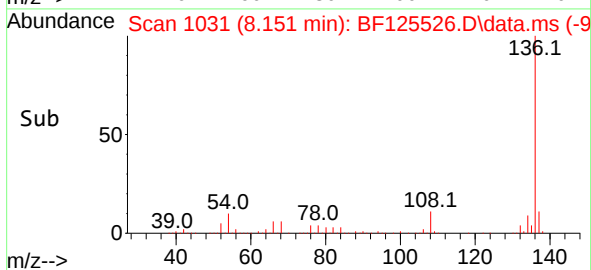
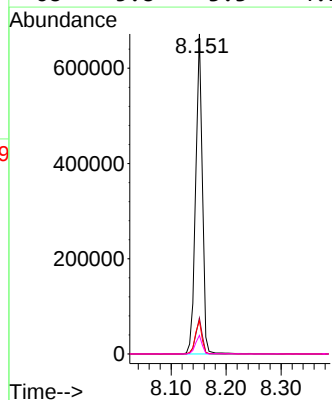
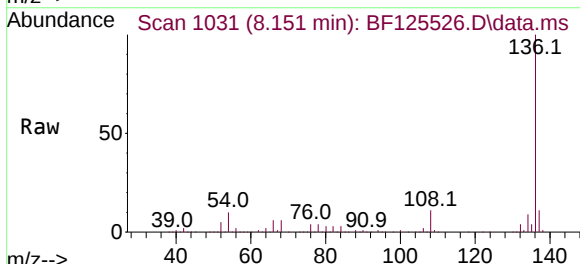


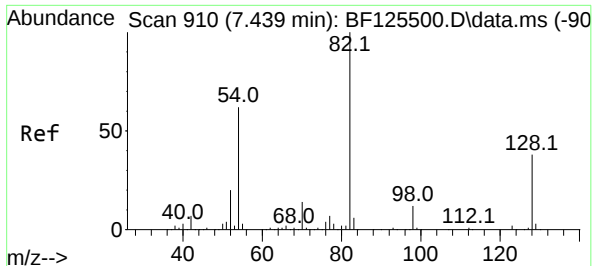
Tgt Ion:107 Resp: 4020
Ion Ratio Lower Upper
107 100
108 73.8 76.6 116.6#
77 25.7 53.3 93.3#
79 42.9 8.7 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125526.D
Acq: 16 Sep 2021 2:59

Tgt Ion:136 Resp: 566203
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 10.4 6.4 9.6#
68 5.8 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 8.821 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.011 min

Lab File: BF125526.D

Acq: 16 Sep 2021 2:59

Tgt Ion: 82 Resp: 101160

Ion Ratio Lower Upper

82 100

128 40.5 40.6 60.8#

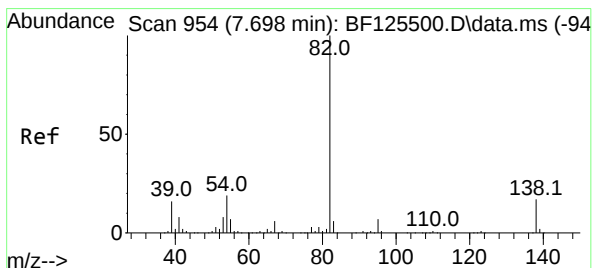
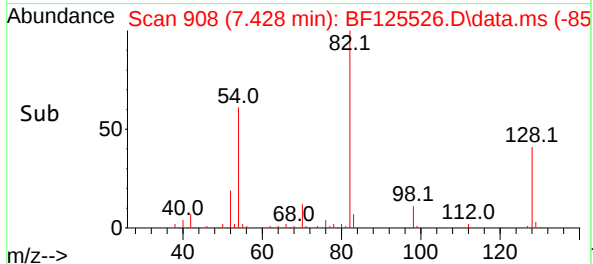
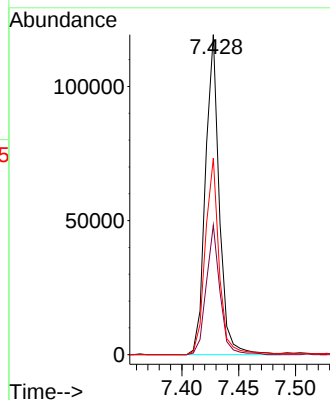
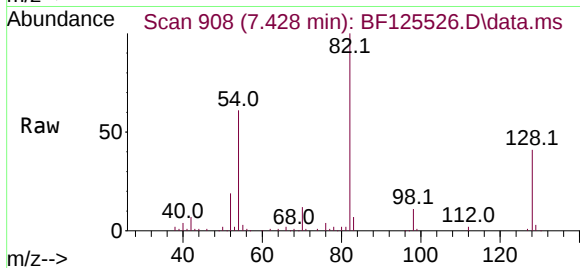
54 61.4 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

A011145



#25

Isophorone

Concen: 4.623 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.270 min

Lab File: BF125526.D

Acq: 16 Sep 2021 2:59

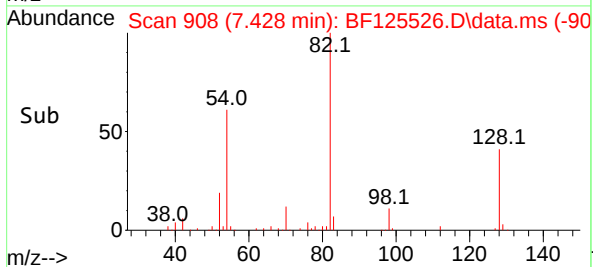
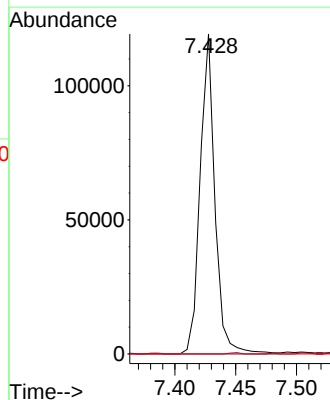
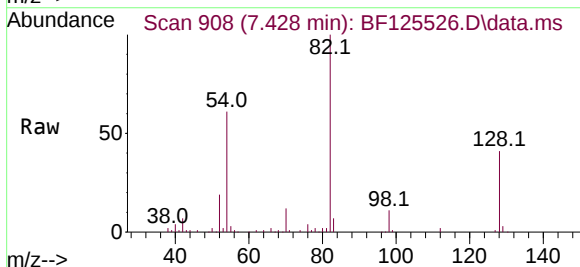
Tgt Ion: 82 Resp: 101158

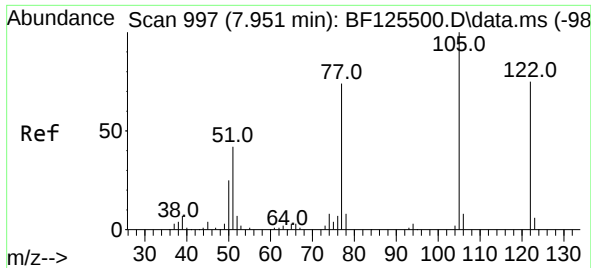
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

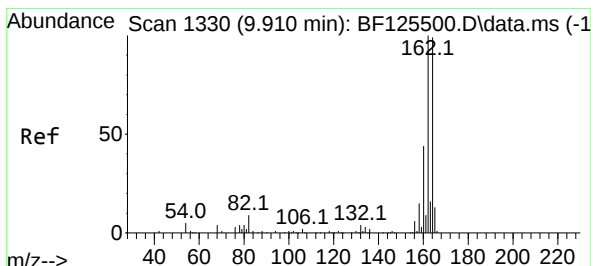
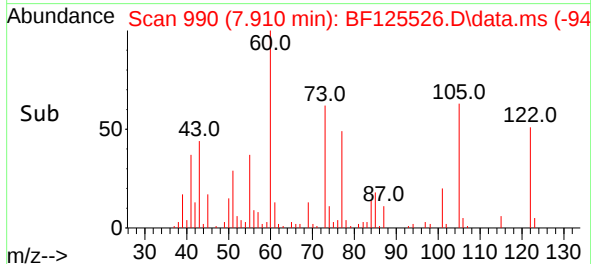
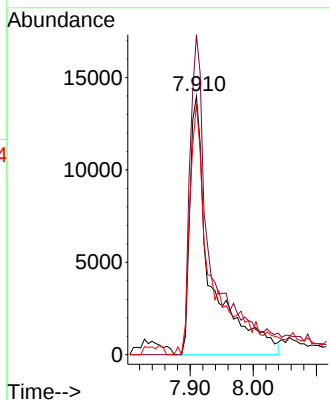
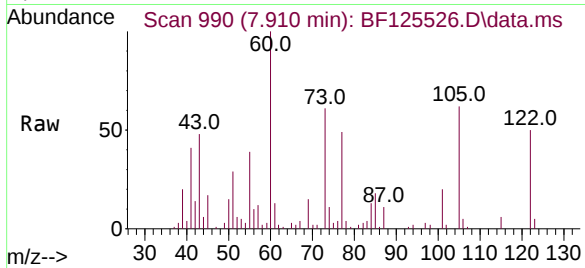




#32
Benzoic acid
Concen: 5.954 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.041 min
Lab File: BF125526.D
Acq: 16 Sep 2021 2:59

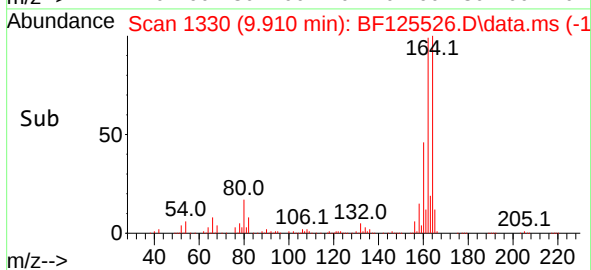
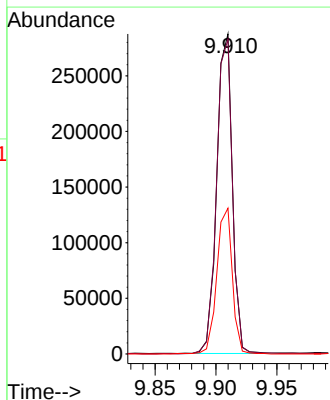
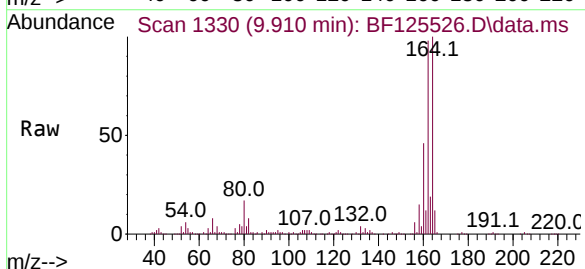
Instrument :
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ClientSampleId :
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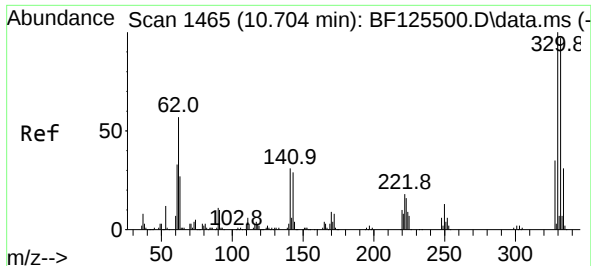
Tgt Ion:122 Resp: 31902
Ion Ratio Lower Upper
122 100
105 123.8 97.6 137.6
77 97.0 59.6 99.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF125526.D
Acq: 16 Sep 2021 2:59

Tgt Ion:164 Resp: 256047
Ion Ratio Lower Upper
164 100
162 98.4 81.3 121.9
160 45.5 38.0 57.0

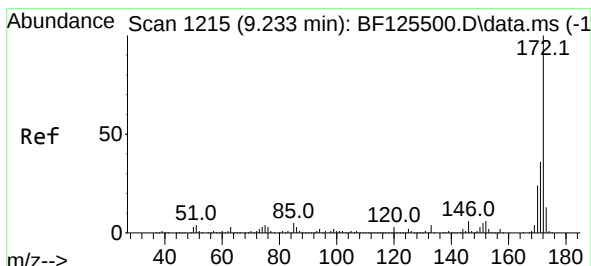
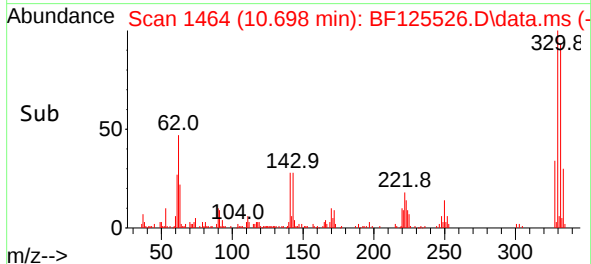
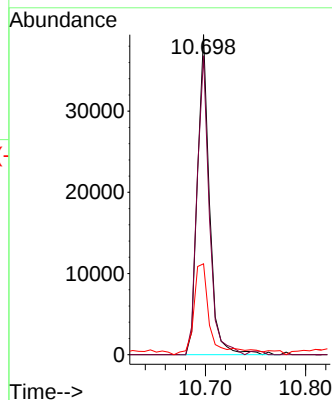
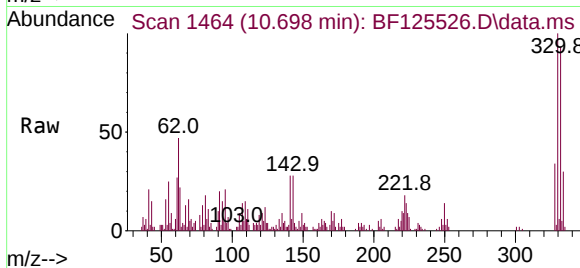




#42
2,4,6-Tribromophenol
Concen: 10.509 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF125526.D
Acq: 16 Sep 2021 2:59

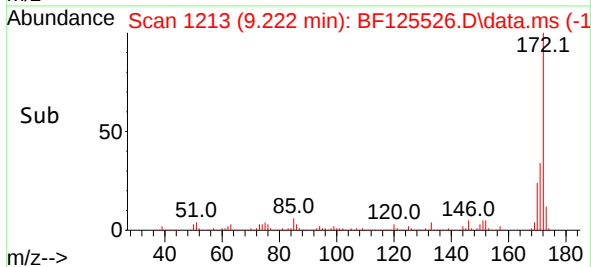
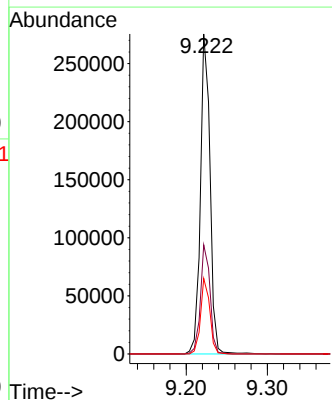
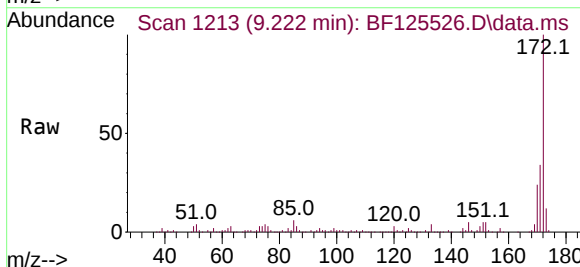
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ClientSampleID :
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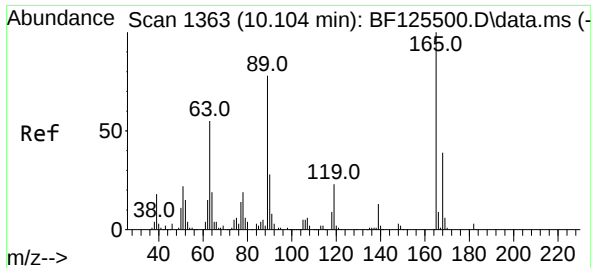
Tgt Ion: 330 Resp: 32773
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 38.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 13.021 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.011 min
Lab File: BF125526.D
Acq: 16 Sep 2021 2:59

Tgt Ion: 172 Resp: 227199
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 23.6 18.8 28.2

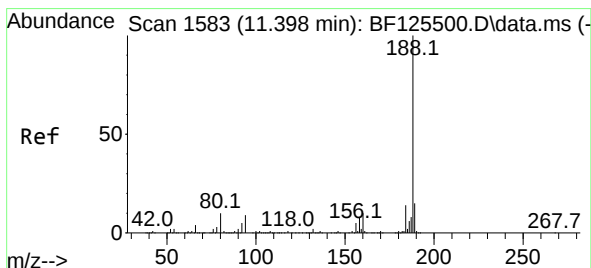
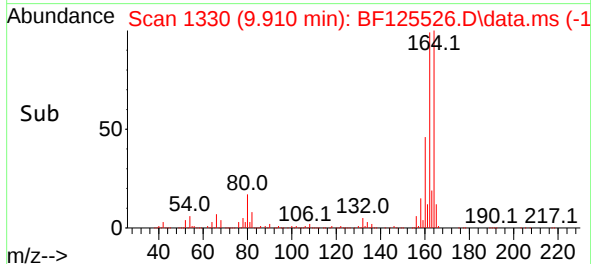
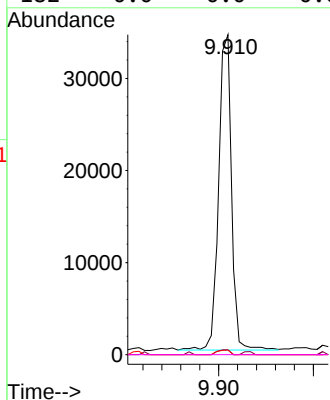
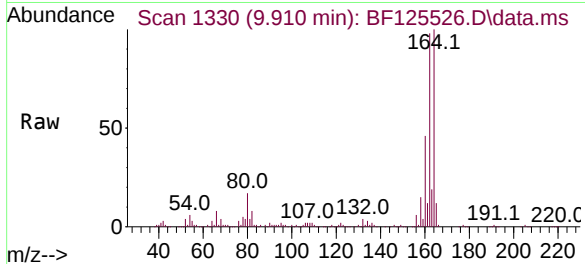




#57
2,4-Dinitrotoluene
Concen: 6.176 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF125526.D
Acq: 16 Sep 2021 2:59

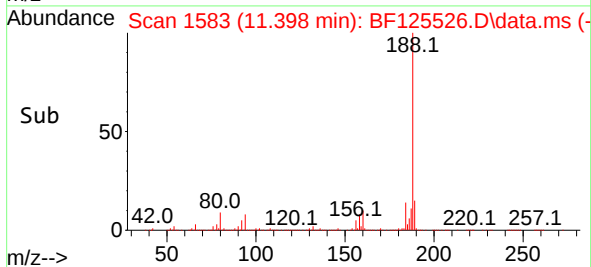
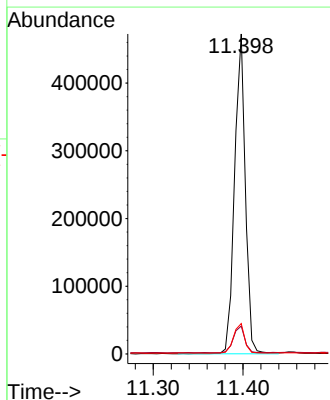
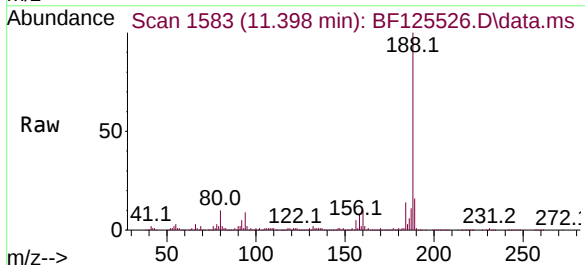
Instrument :
BNA_F
ClientSampleId :
A011145

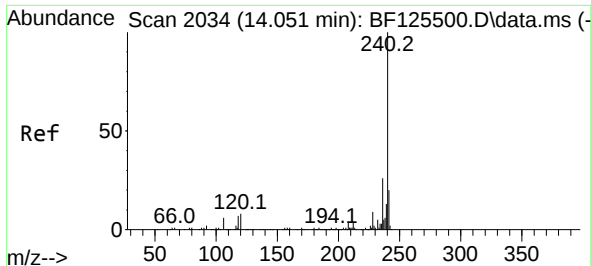
Tgt Ion:	165	Resp:	32602
Ion Ratio	Lower	Upper	
165	100		
63	1.5	40.9	61.3#
89	1.4	59.7	89.5#
182	0.0	0.0	0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125526.D
Acq: 16 Sep 2021 2:59

Tgt Ion:	188	Resp:	392348
Ion Ratio	Lower	Upper	
188	100		
94	8.7	6.7	10.1
80	9.5	7.5	11.3

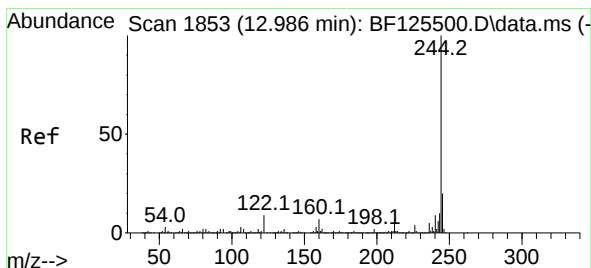
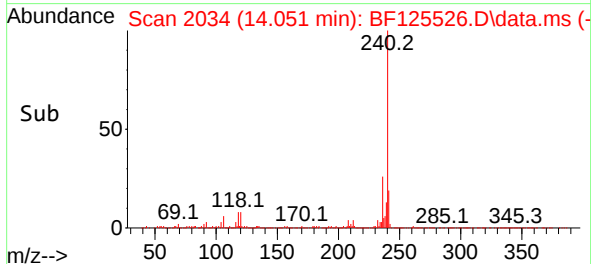
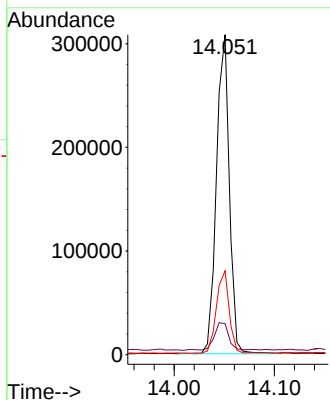
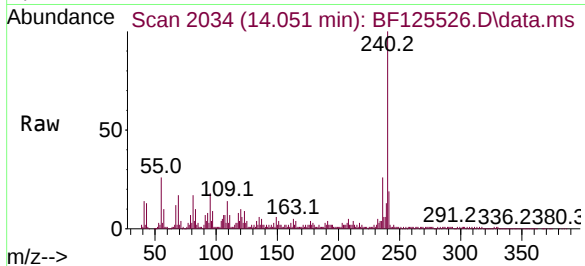




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF125526.D
Acq: 16 Sep 2021 2:59

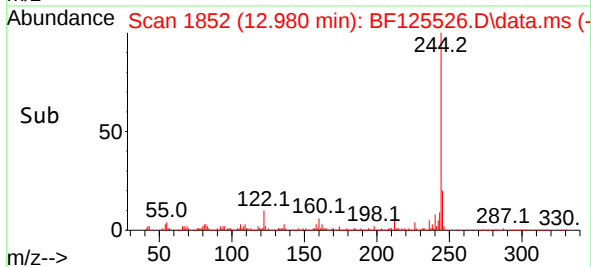
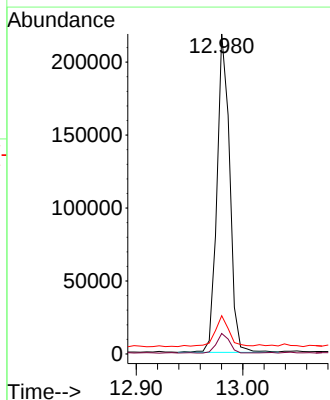
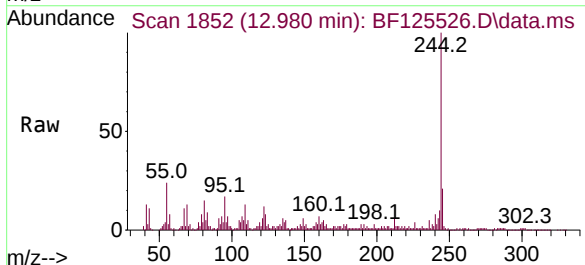
Instrument :
BNA_F
ClientSampleId :
A011145

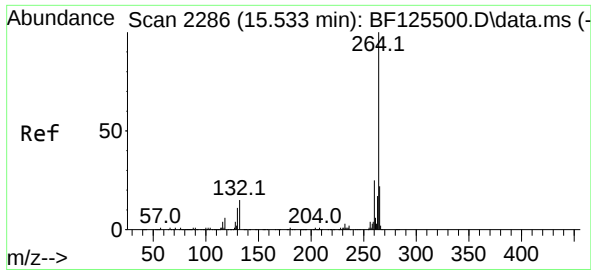
Tgt Ion:240 Resp: 274545
Ion Ratio Lower Upper
240 100
120 9.7 10.8 16.2#
236 26.2 21.6 32.4



#79
Terphenyl-d14
Concen: 10.654 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF125526.D
Acq: 16 Sep 2021 2:59

Tgt Ion:244 Resp: 180388
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 12.0 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.018 min
 Lab File: BF125526.D
 Acq: 16 Sep 2021 2:59

Instrument :
 BNA_F
 ClientSampleId :
 A011145

Tgt Ion:264	Resp:	220874
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.6 29.4
265	21.9	17.2 25.8

