

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125513.D
 Acq On : 15 Sep 2021 20:02
 Operator : JU/CG
 Sample : M3684-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A007015

Quant Time: Sep 16 03:07:09 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)

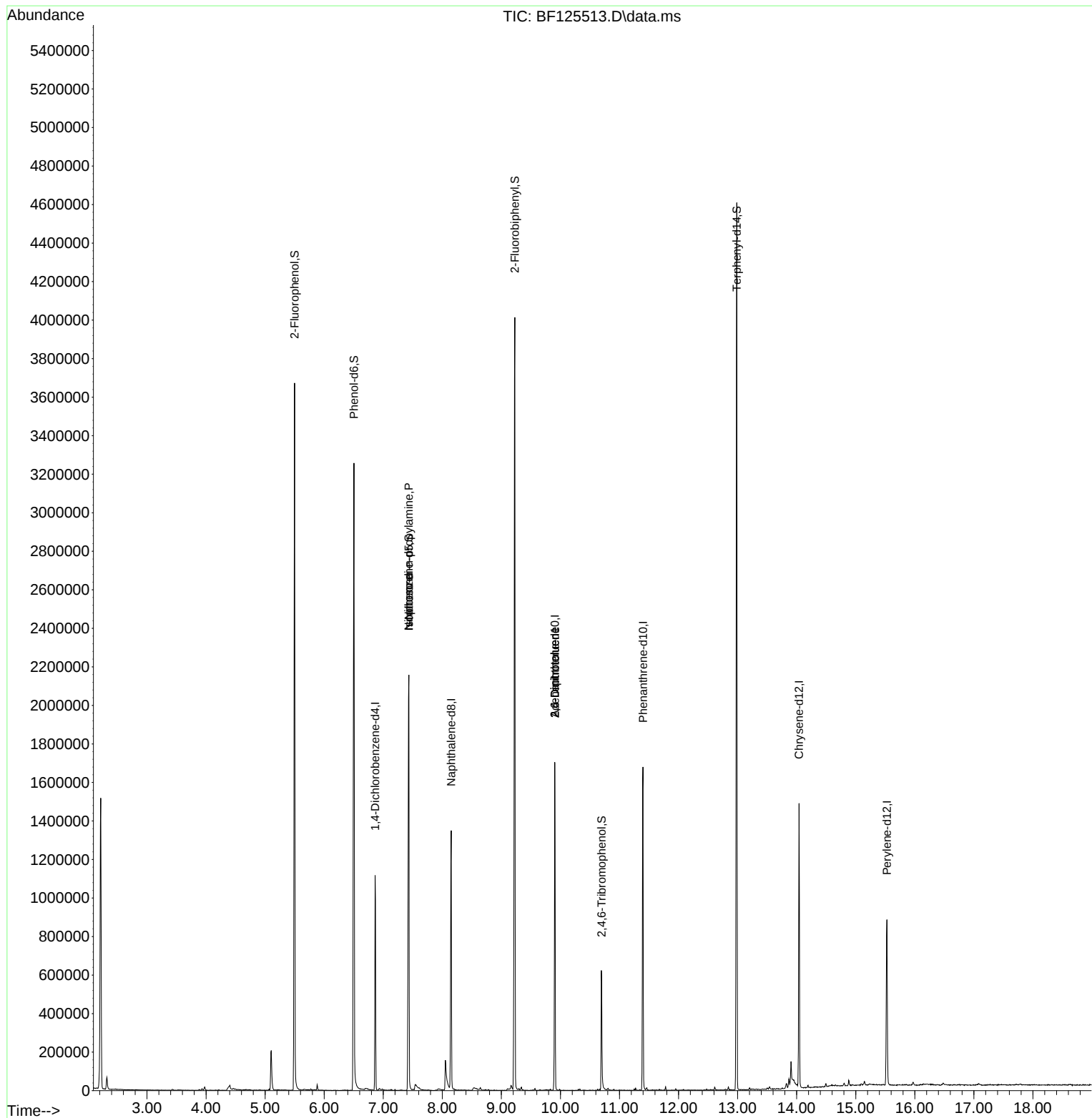
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	167664	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	646321	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	354232	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	666690	20.000	ng	0.00
76) Chrysene-d12	14.039	240	509735	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	404424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	935179	88.625	ng	0.00
7) Phenol-d6	6.504	99	1208002	86.134	ng	0.00
23) Nitrobenzene-d5	7.434	82	804298	61.442	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	89311	20.701	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1427104	59.117	ng	0.00
79) Terphenyl-d14	12.986	244	1734459	55.175	ng	0.00
Target Compounds						
9) Benzaldehyde	6.504	77	1764	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propyla...	7.434	70	110188	13.073	ng	# 55
25) Isophorone	7.434	82	799362	32.006	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	45144	7.954	ng	# 27
57) 2,4-Dinitrotoluene	9.904	165	45144	6.181	ng	# 19

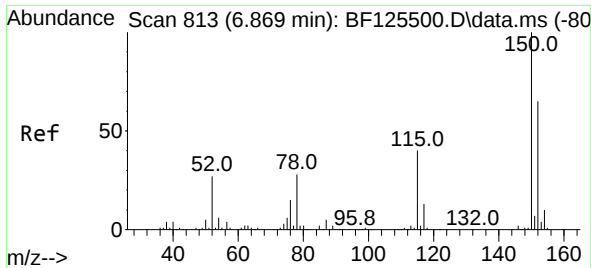
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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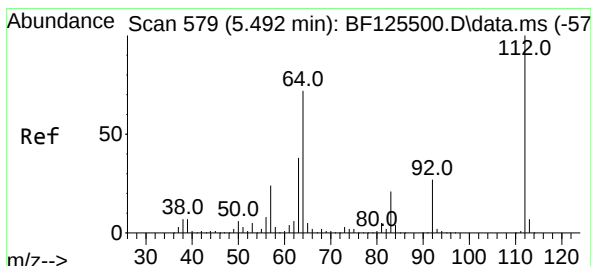
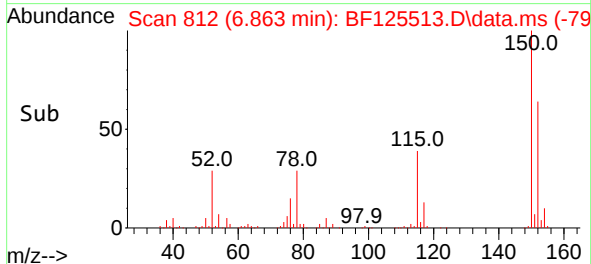
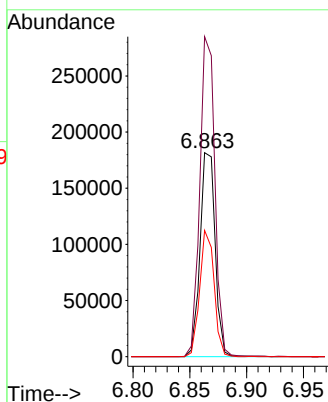
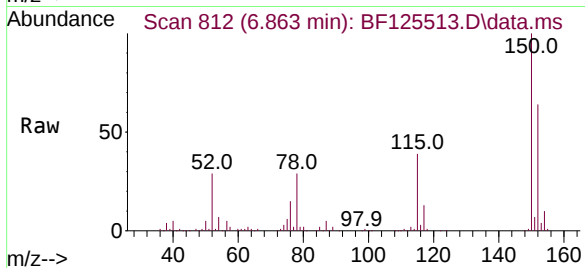




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BF125513.D
 Acq: 15 Sep 2021 20:02

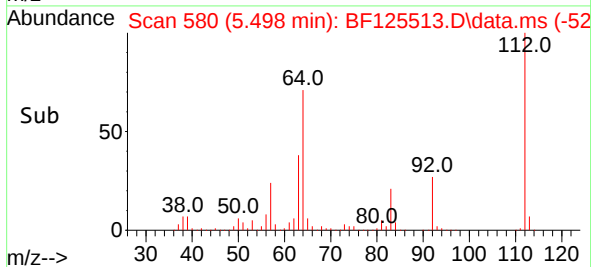
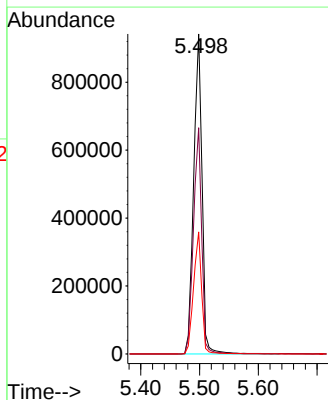
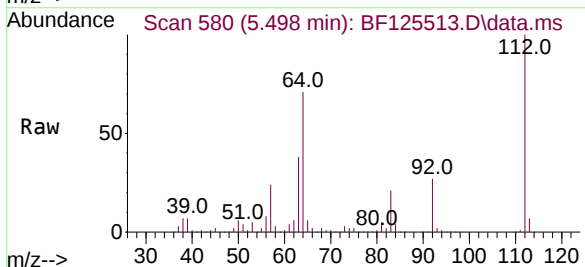
Instrument :
 BNA_F
 ClientSampleId :
 A007015

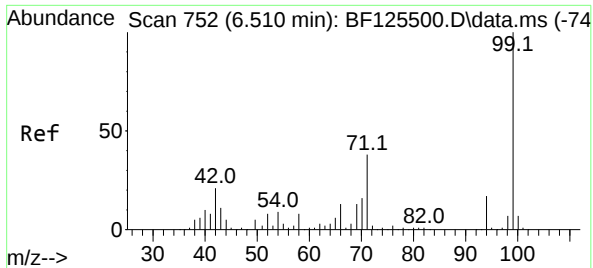
Tgt Ion:152 Resp: 167664
 Ion Ratio Lower Upper
 152 100
 150 156.9 117.6 176.4
 115 61.9 47.1 70.7



#5
 2-Fluorophenol
 Concen: 88.625 ng
 RT: 5.498 min Scan# 580
 Delta R.T. 0.006 min
 Lab File: BF125513.D
 Acq: 15 Sep 2021 20:02

Tgt Ion:112 Resp: 935179
 Ion Ratio Lower Upper
 112 100
 64 70.7 44.2 66.2#
 63 38.2 26.2 39.2

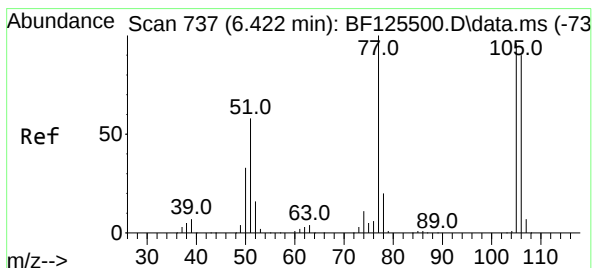
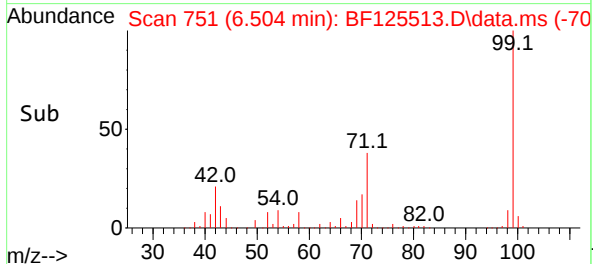
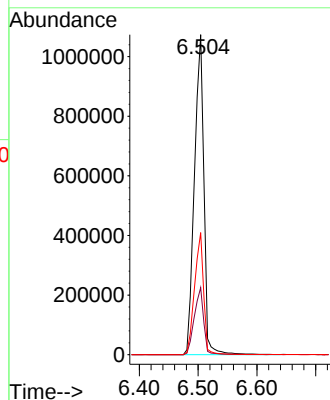
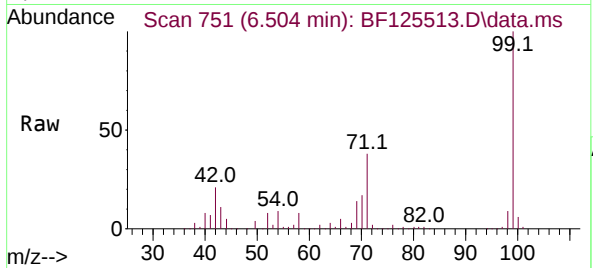




#7
Phenol-d6
Concen: 86.134 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125513.D
Acq: 15 Sep 2021 20:02

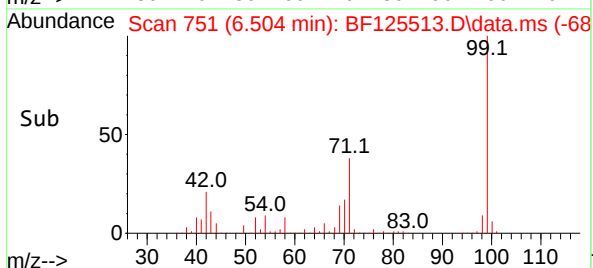
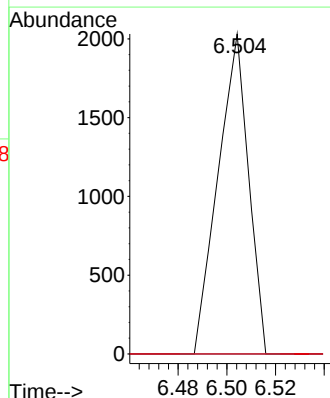
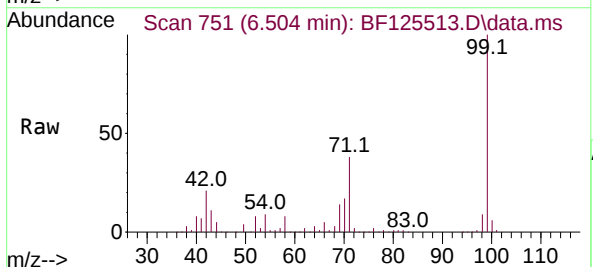
Instrument :
BNA_F
ClientSampleId :
A007015

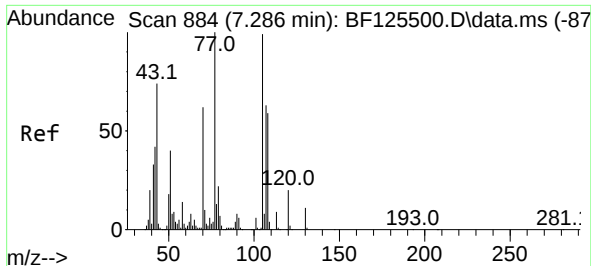
Tgt Ion: 99 Resp: 1208002
Ion Ratio Lower Upper
99 100
42 21.0 23.5 35.3#
71 38.1 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.082 min
Lab File: BF125513.D
Acq: 15 Sep 2021 20:02

Tgt Ion: 77 Resp: 1764
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

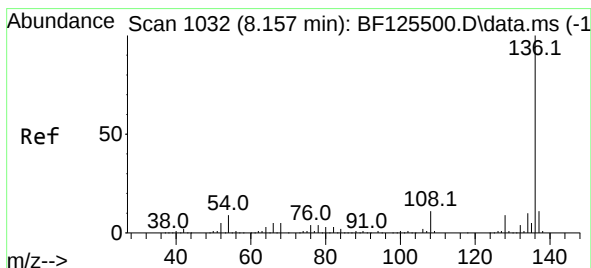
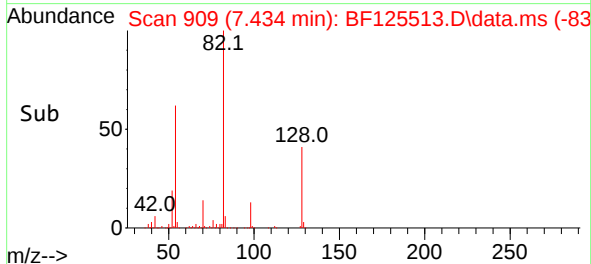
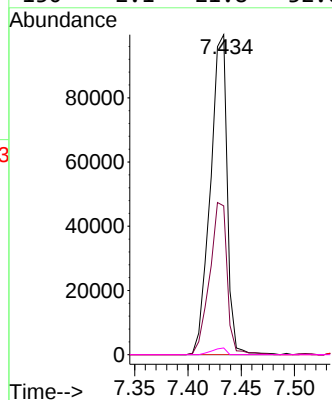
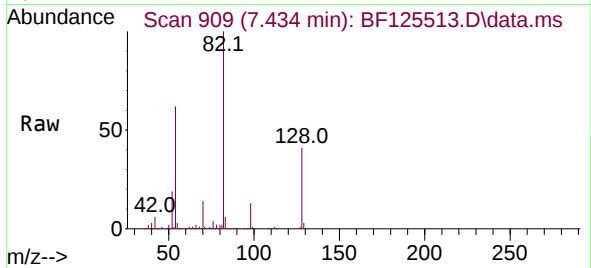




#19
n-Nitroso-di-n-propylamine
Concen: 13.073 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF125513.D
Acq: 15 Sep 2021 20:02

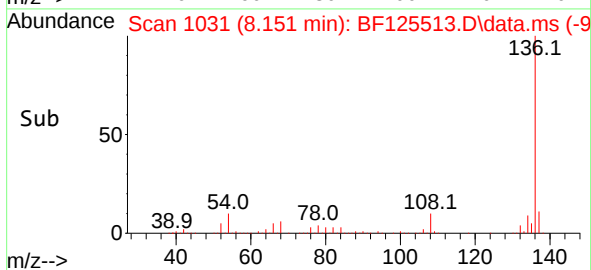
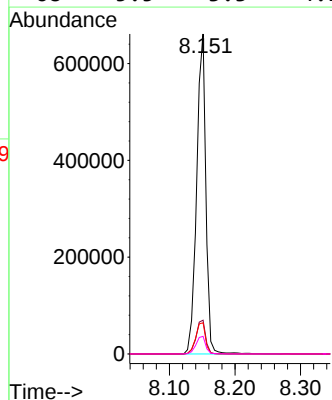
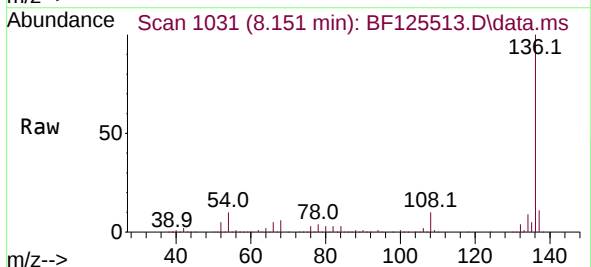
Instrument :
BNA_F
ClientSampleId :
A007015

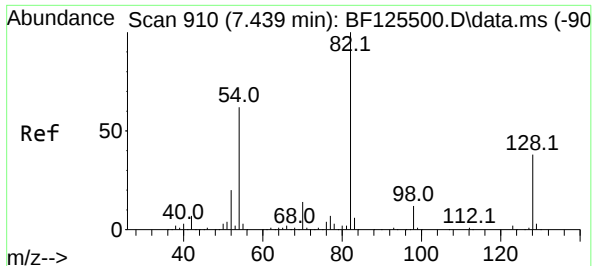
Tgt Ion: 70 Resp: 110188
Ion Ratio Lower Upper
70 100
42 46.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125513.D
Acq: 15 Sep 2021 20:02

Tgt Ion:136 Resp: 646321
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 9.8 6.4 9.6#
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 61.442 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.005 min

Lab File: BF125513.D

Acq: 15 Sep 2021 20:02

Tgt Ion: 82 Resp: 804298

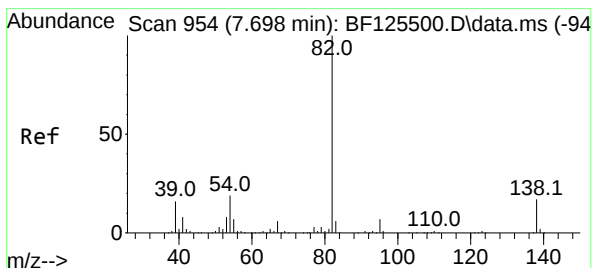
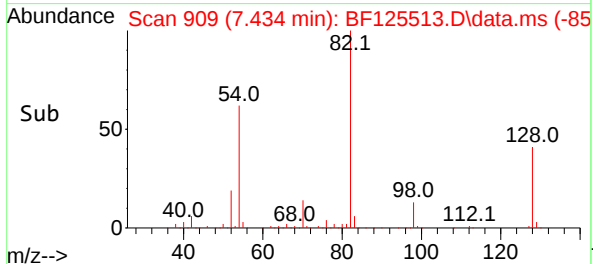
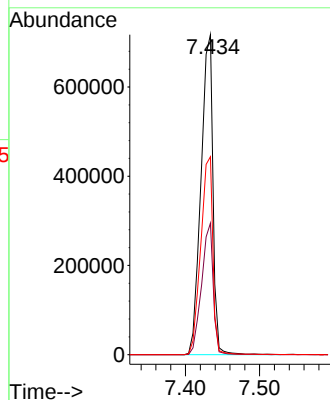
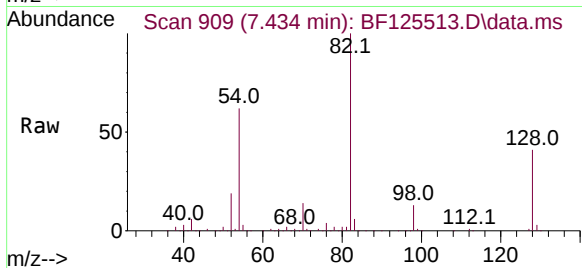
Ion	Ratio	Lower	Upper
82	100		
128	41.1	40.6	60.8
54	61.9	49.6	74.4

Instrument :

BNA_F

ClientSampleId :

A007015



#25

Isophorone

Concen: 32.006 ng

RT: 7.434 min Scan# 909

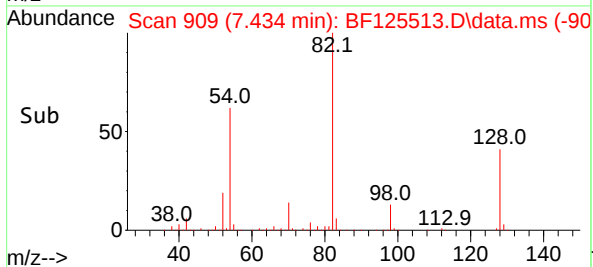
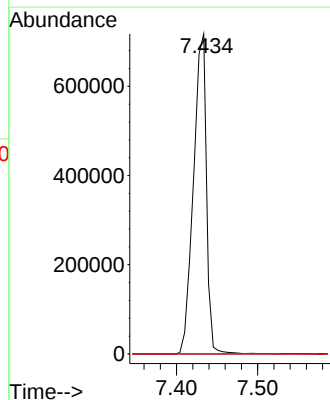
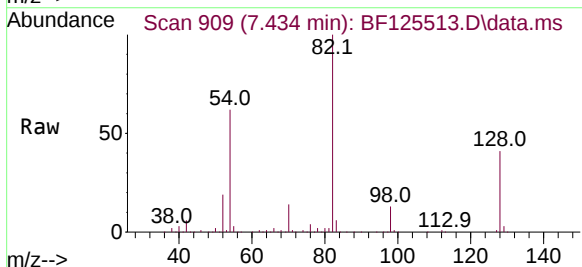
Delta R.T. -0.265 min

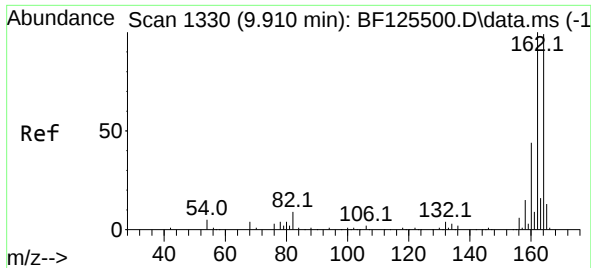
Lab File: BF125513.D

Acq: 15 Sep 2021 20:02

Tgt Ion: 82 Resp: 799362

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

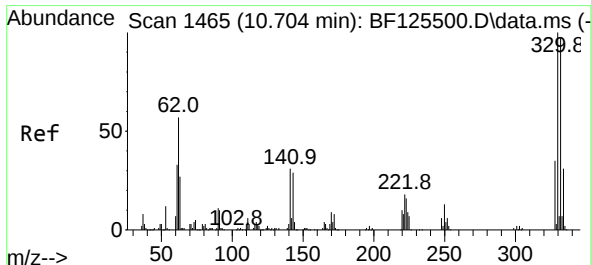
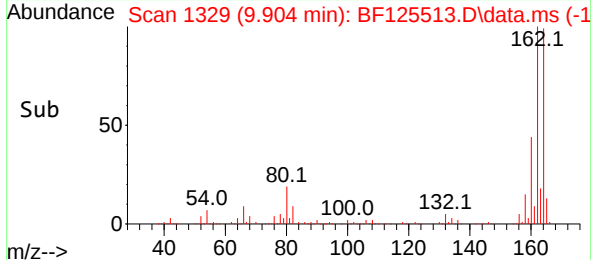
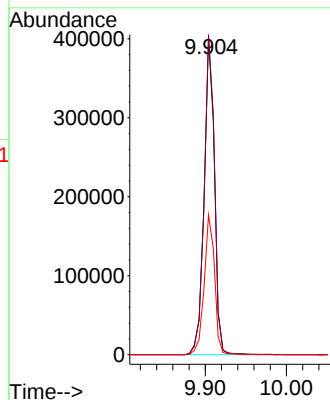
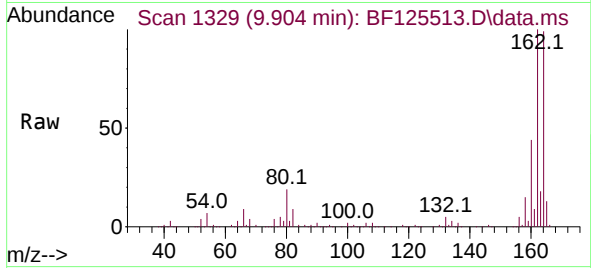




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125513.D
Acq: 15 Sep 2021 20:02

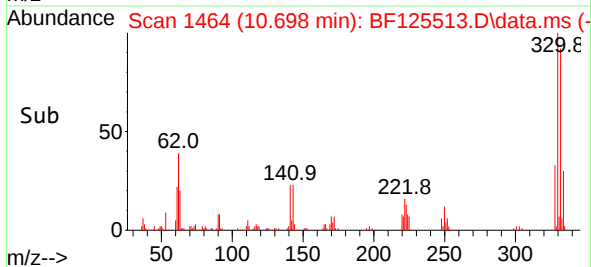
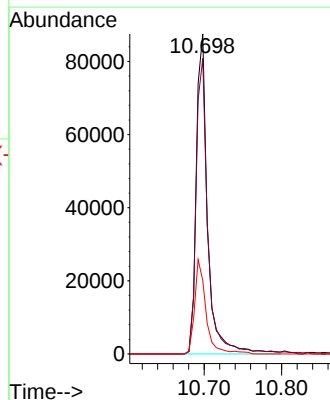
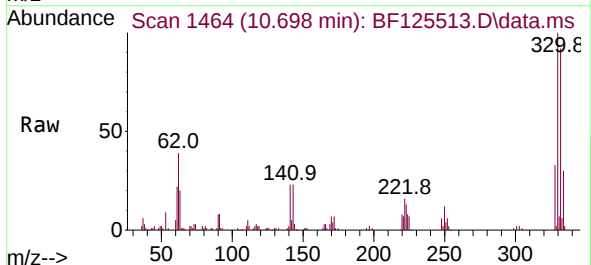
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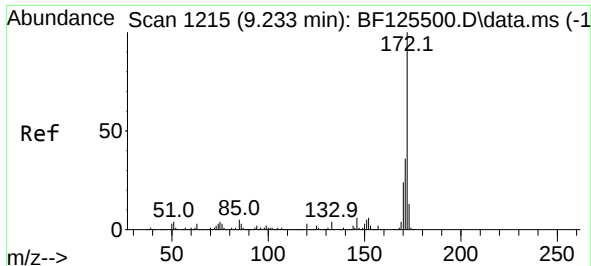
Tgt Ion:164 Resp: 354232
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 44.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 20.701 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF125513.D
Acq: 15 Sep 2021 20:02

Tgt Ion:330 Resp: 89311
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 29.6 44.6 66.8#

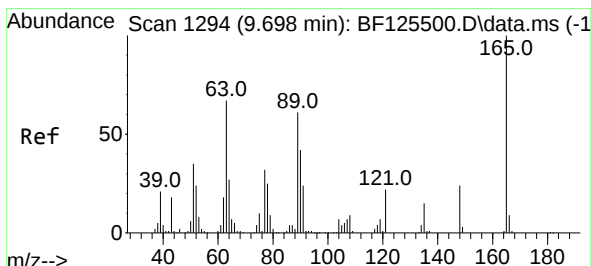
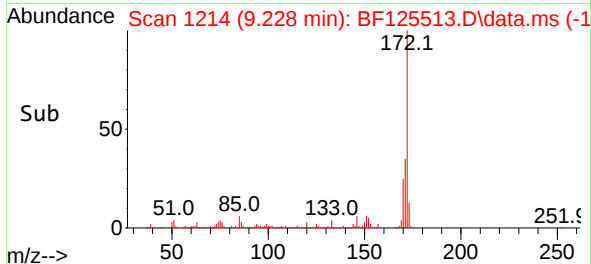
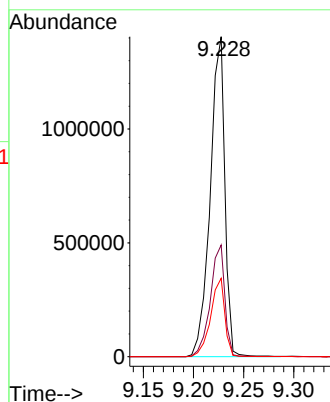
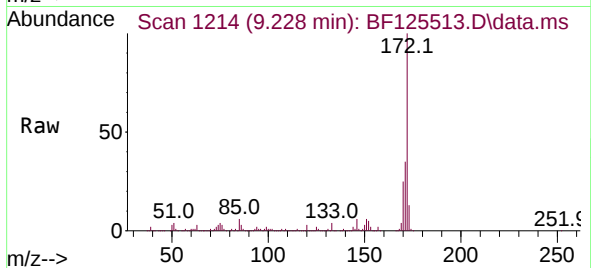




#45
2-Fluorobiphenyl
Concen: 59.117 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF125513.D
Acq: 15 Sep 2021 20:02

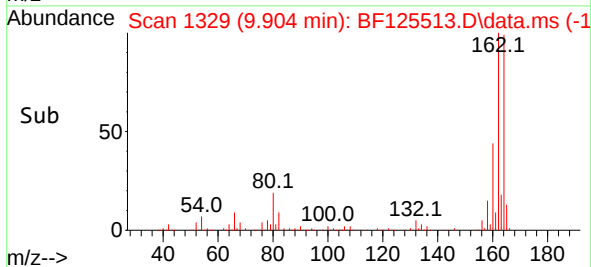
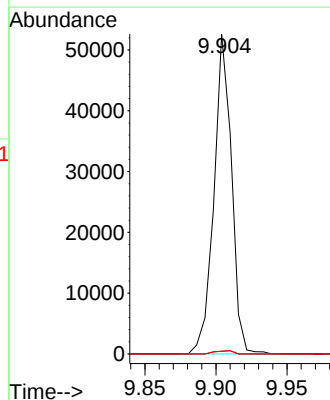
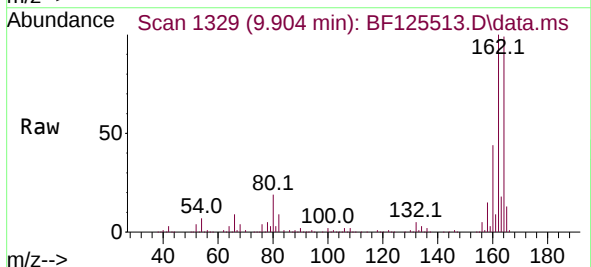
Instrument :
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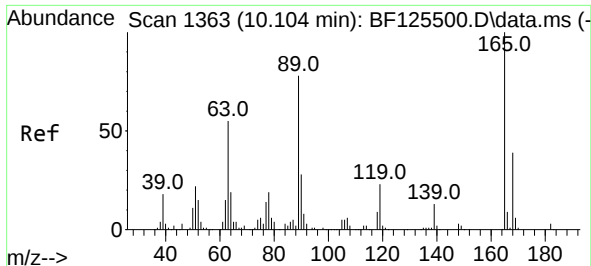
Tgt Ion:172 Resp: 1427104
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 24.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 7.954 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF125513.D
Acq: 15 Sep 2021 20:02

Tgt Ion:165 Resp: 45144
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.9 40.6 60.8#

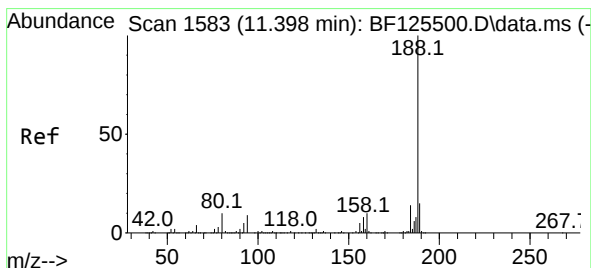
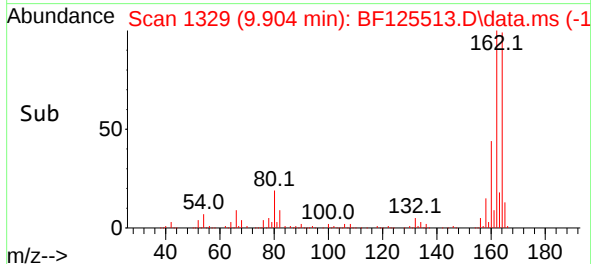
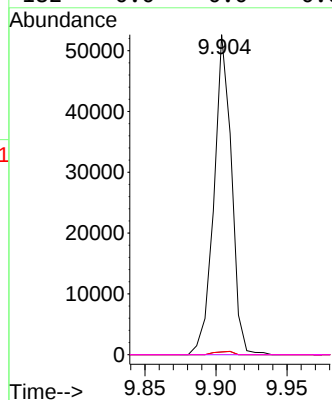
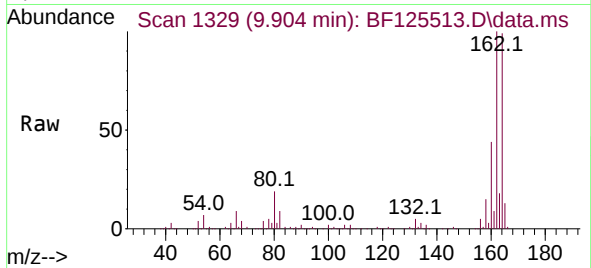




#57
2,4-Dinitrotoluene
Concen: 6.181 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF125513.D
Acq: 15 Sep 2021 20:02

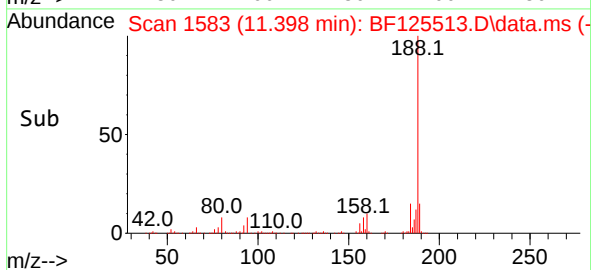
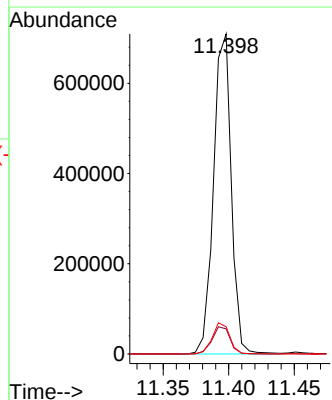
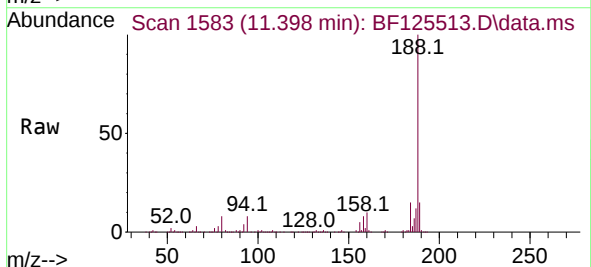
Instrument :
BNA_F
ClientSampleId :
A007015

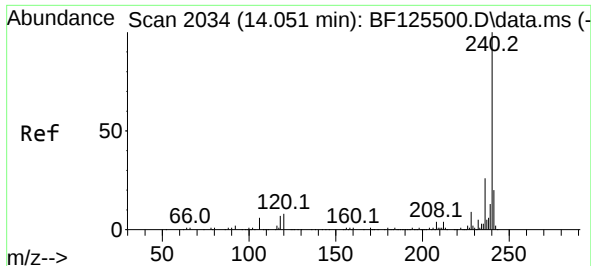
Tgt Ion:165	Resp:	45144
Ion Ratio	Lower	Upper
165	100	
63	0.9	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125513.D
Acq: 15 Sep 2021 20:02

Tgt Ion:188	Resp:	666690
Ion Ratio	Lower	Upper
188	100	
94	7.9	6.7 10.1
80	8.5	7.5 11.3

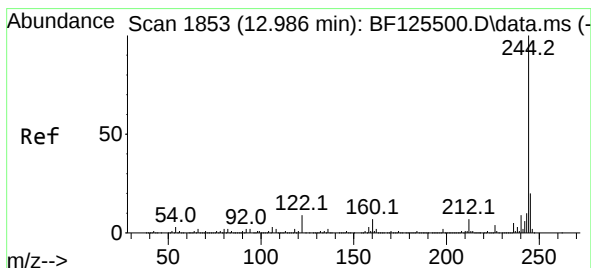
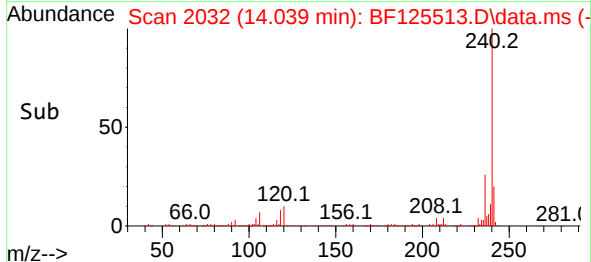
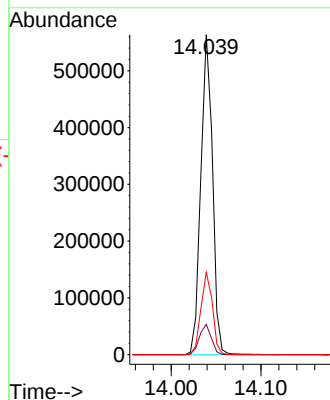
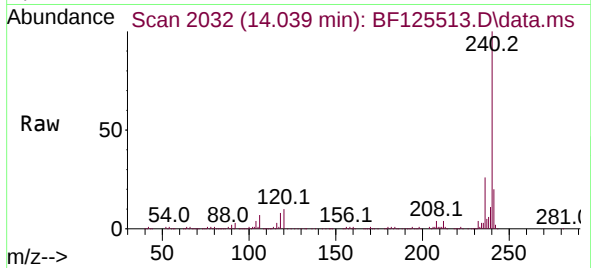




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125513.D
Acq: 15 Sep 2021 20:02

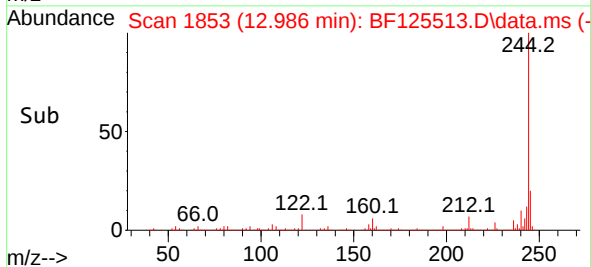
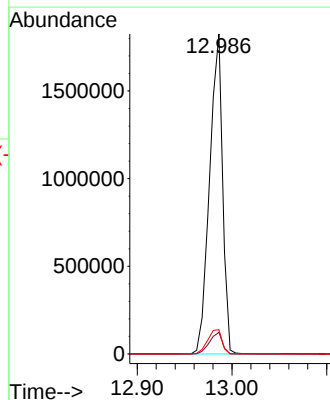
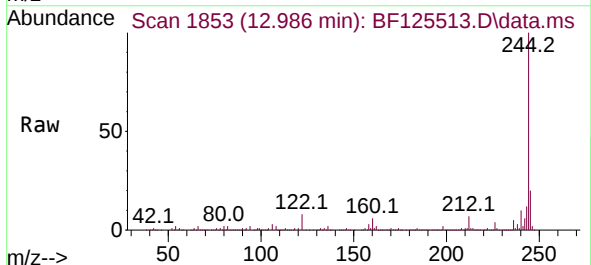
Instrument :
BNA_F
ClientSampleId :
A007015

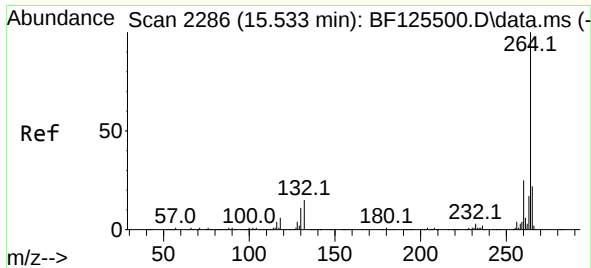
Tgt Ion:240 Resp: 509735
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 55.175 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF125513.D
Acq: 15 Sep 2021 20:02

Tgt Ion:244 Resp: 1734459
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 7.6 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: BF125513.D
 Acq: 15 Sep 2021 20:02

Instrument :
 BNA_F
 ClientSampleId :
 A007015

Tgt Ion:264	Resp:	404424
Ion	Ratio	Lower Upper
264	100	
260	23.8	19.6 29.4
265	21.3	17.2 25.8

