

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125519.D
 Acq On : 15 Sep 2021 23:17
 Operator : JU/CG
 Sample : M3684-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F006130

Quant Time: Sep 16 03:08:12 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)

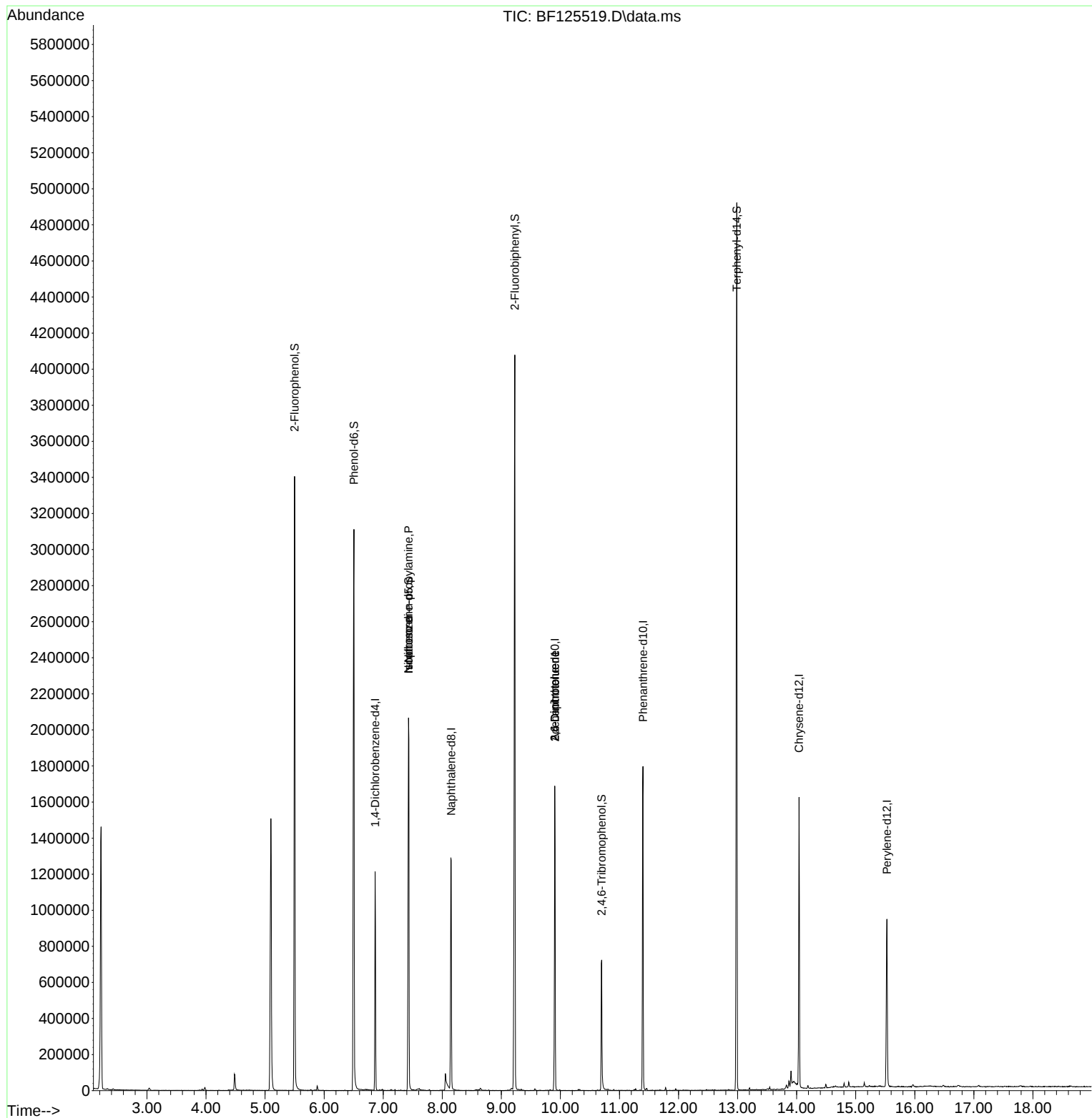
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	168518	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	667104	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	367286	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	690669	20.000	ng	0.00
76) Chrysene-d12	14.039	240	540208	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	428218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	886037	83.542	ng	0.00
7) Phenol-d6	6.504	99	1158640	82.196	ng	0.00
23) Nitrobenzene-d5	7.428	82	798386	59.091	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	106153	23.730	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1479661	59.115	ng	0.00
79) Terphenyl-d14	12.986	244	1839038	55.202	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1692	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.428	70	106616	12.585	ng	# 57
25) Isophorone	7.428	82	792606	30.747	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	46396	7.884	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	46396	6.127	ng	# 20

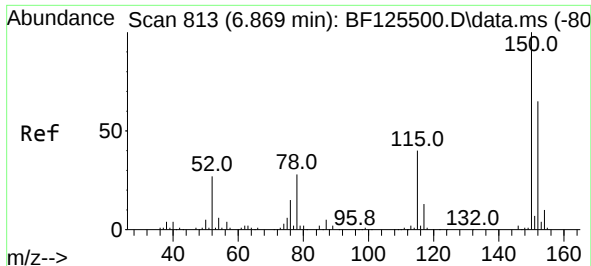
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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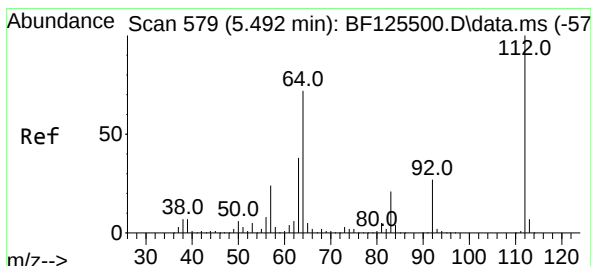
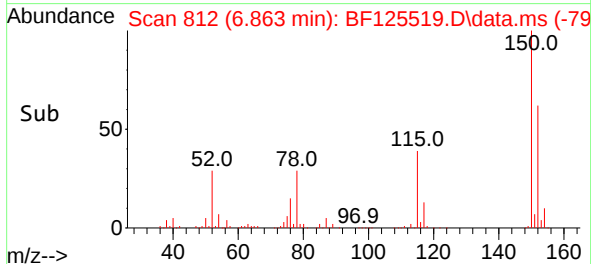
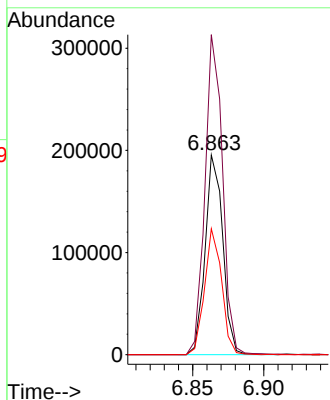
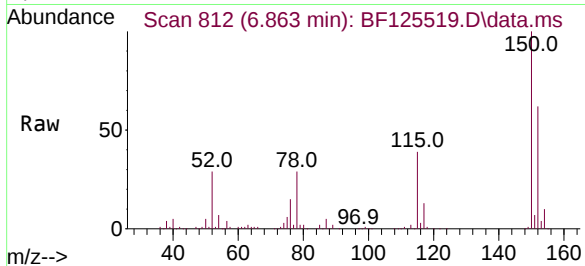




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

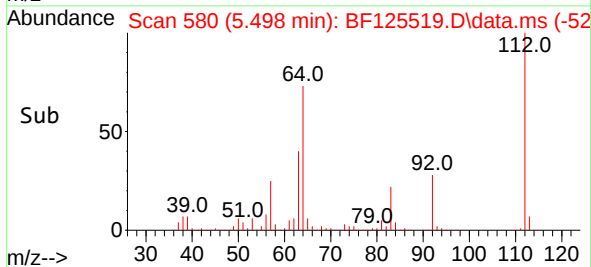
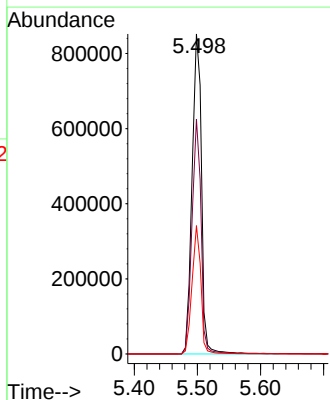
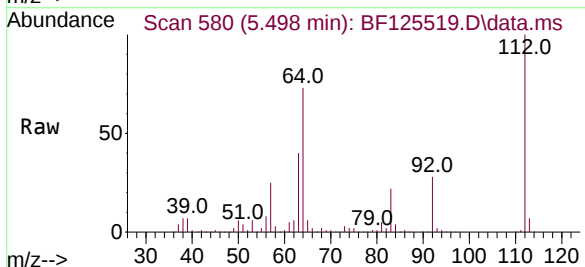
Instrument :
BNA_F
ClientSampleId :
F006130

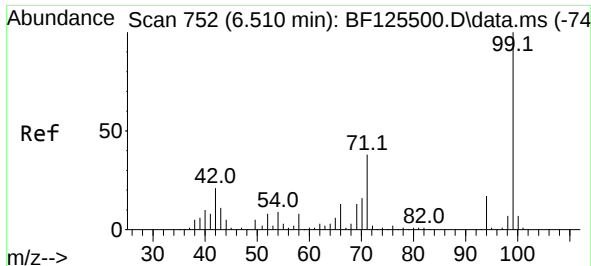
Tgt Ion:152 Resp: 168518
Ion Ratio Lower Upper
152 100
150 160.2 117.6 176.4
115 63.0 47.1 70.7



#5
2-Fluorophenol
Concen: 83.542 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

Tgt Ion:112 Resp: 886037
Ion Ratio Lower Upper
112 100
64 73.4 44.2 66.2#
63 40.1 26.2 39.2#

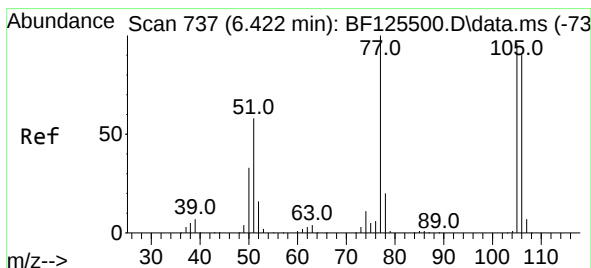
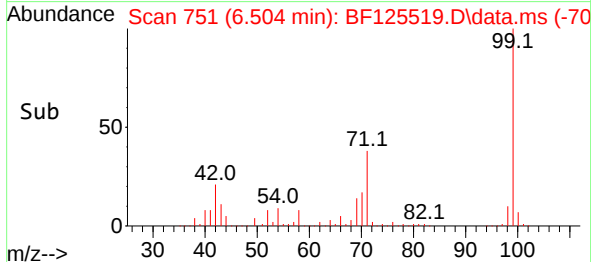
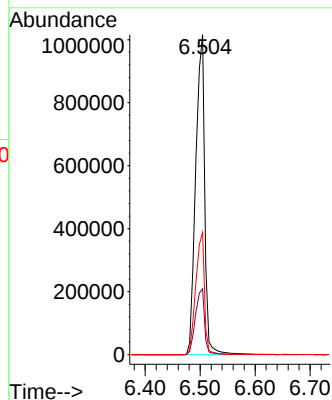
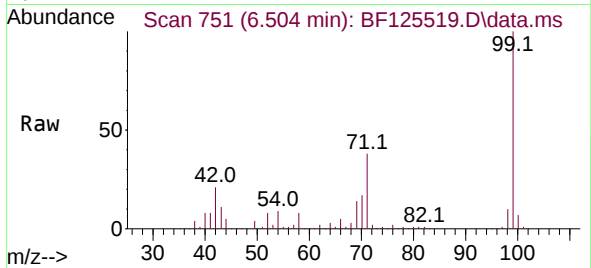




#7
Phenol-d6
Concen: 82.196 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

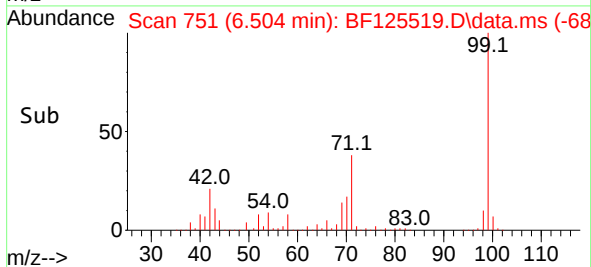
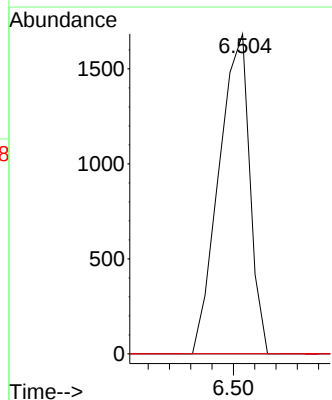
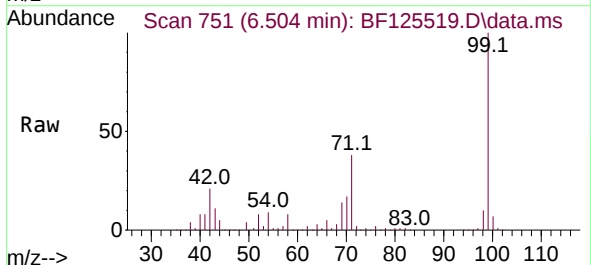
Instrument :
BNA_F
ClientSampleId :
F006130

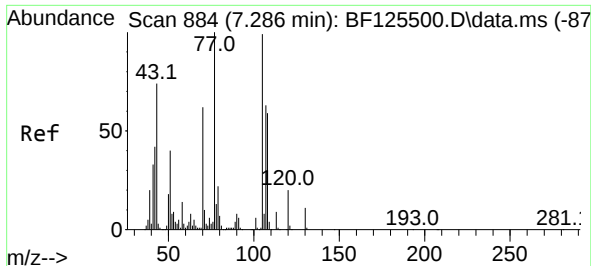
Tgt Ion: 99 Resp: 1158640
Ion Ratio Lower Upper
99 100
42 20.6 23.5 35.3#
71 38.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.082 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

Tgt Ion: 77 Resp: 1692
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

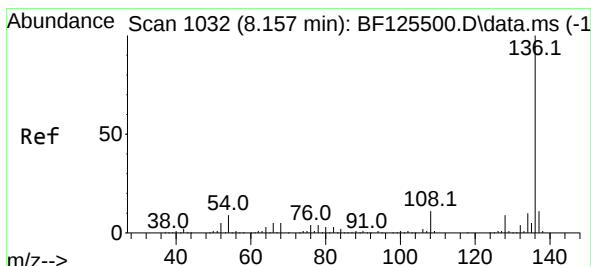
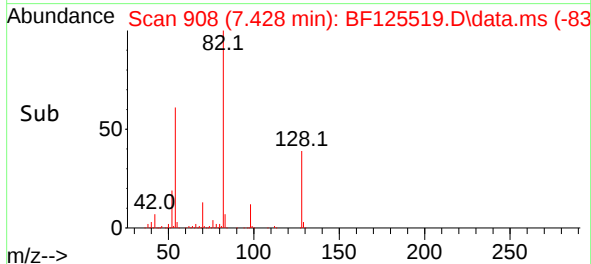
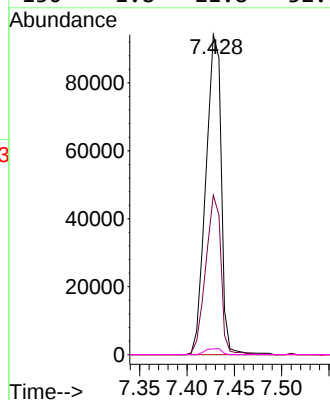
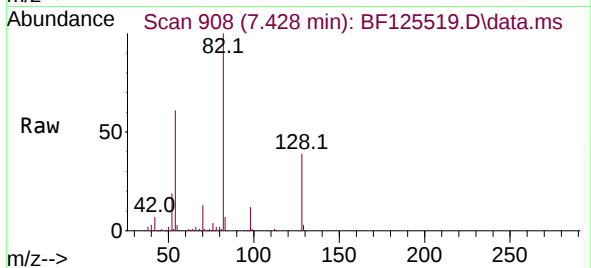




#19
n-Nitroso-di-n-propylamine
Concen: 12.585 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

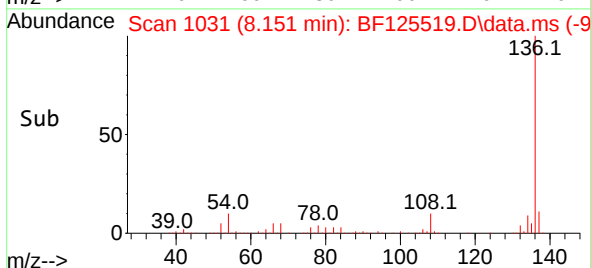
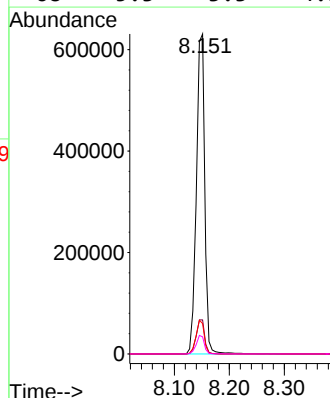
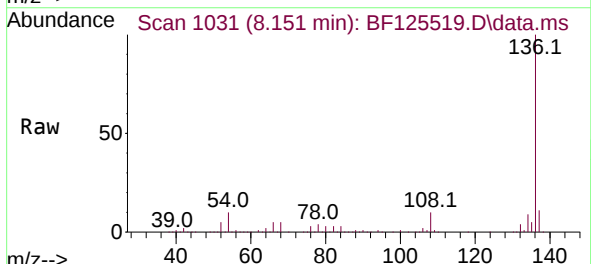
Instrument :
BNA_F
ClientSampleId :
F006130

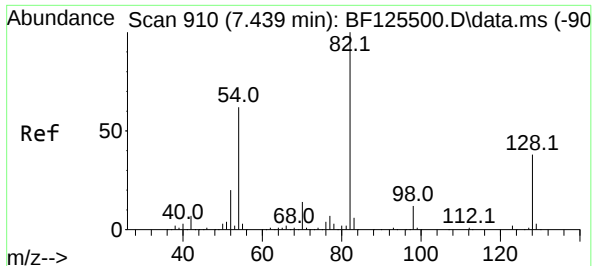
Tgt Ion: 70 Resp: 106616
Ion Ratio Lower Upper
70 100
42 49.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

Tgt Ion: 136 Resp: 667104
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.5 6.4 9.6
68 5.3 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 59.091 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.011 min

Lab File: BF125519.D

Acq: 15 Sep 2021 23:17

Tgt Ion: 82 Resp: 798386

Ion Ratio Lower Upper

82 100

128 38.5 40.6 60.8#

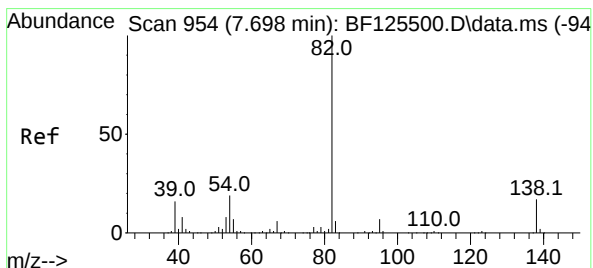
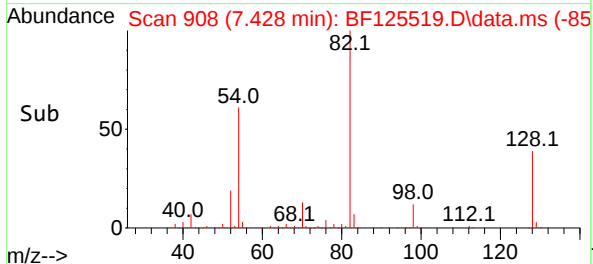
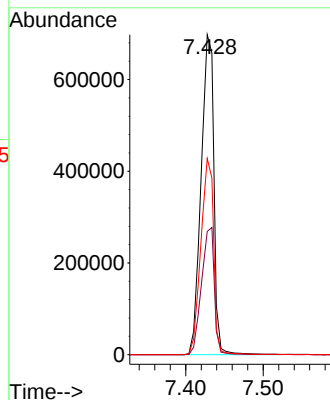
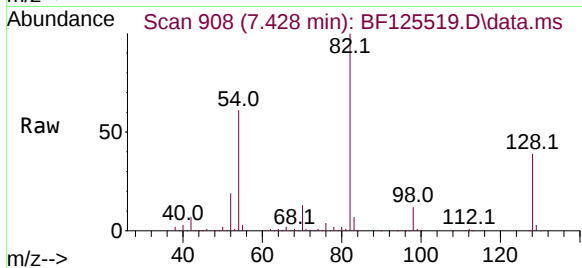
54 61.3 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

F006130



#25

Isophorone

Concen: 30.747 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.270 min

Lab File: BF125519.D

Acq: 15 Sep 2021 23:17

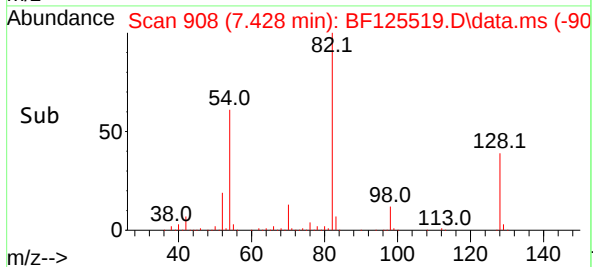
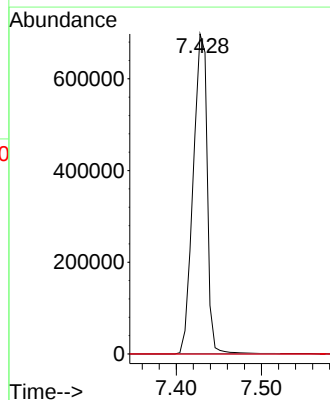
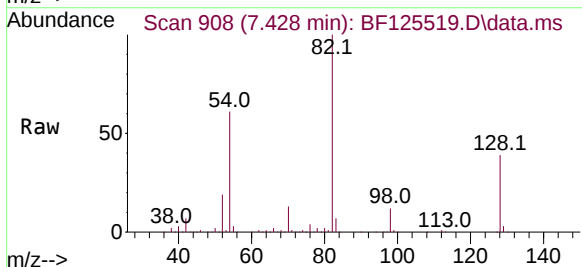
Tgt Ion: 82 Resp: 792606

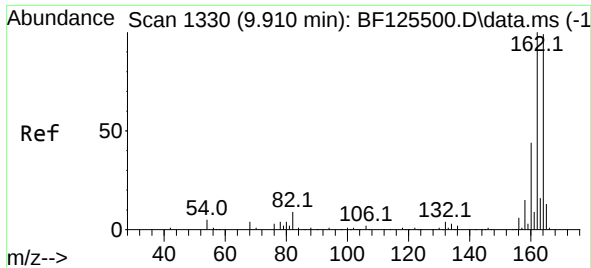
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

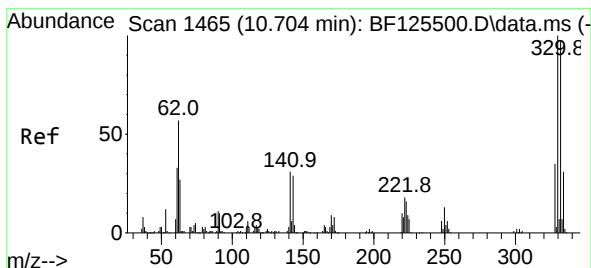
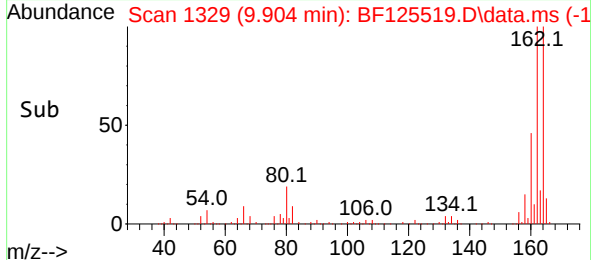
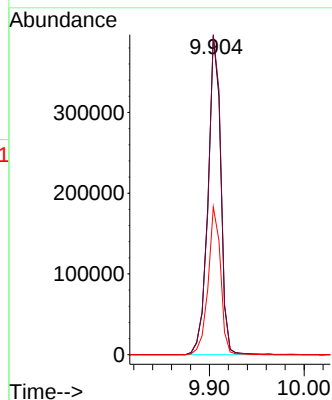
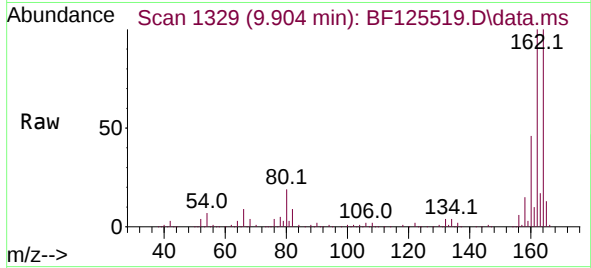




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

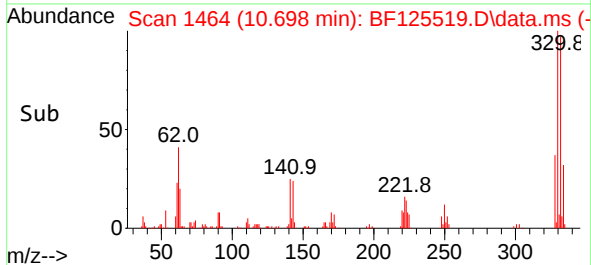
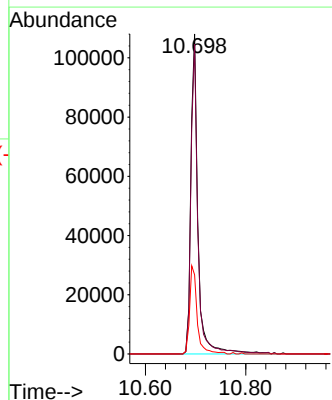
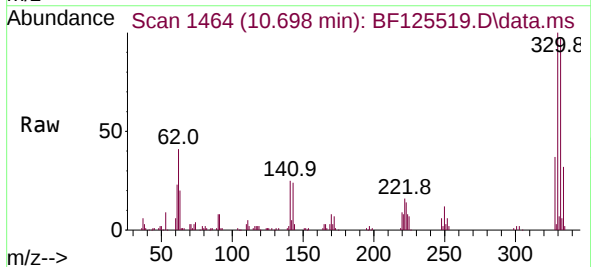
Instrument :
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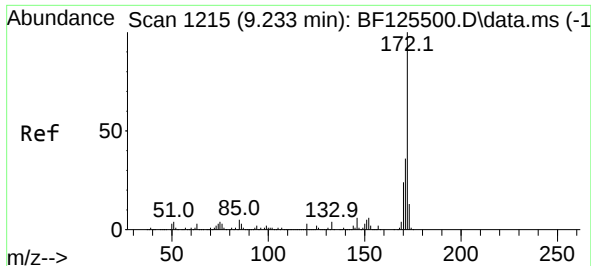
Tgt Ion:164 Resp: 367286
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 46.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 23.730 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

Tgt Ion:330 Resp: 106153
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 29.2 44.6 66.8#

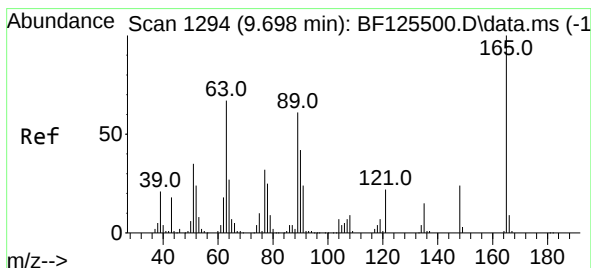
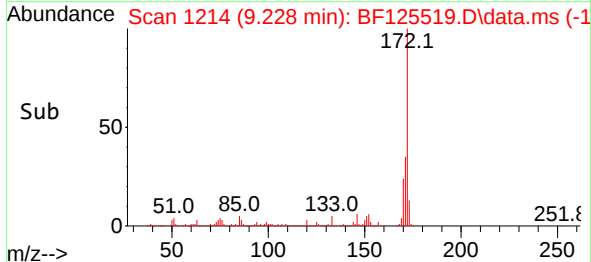
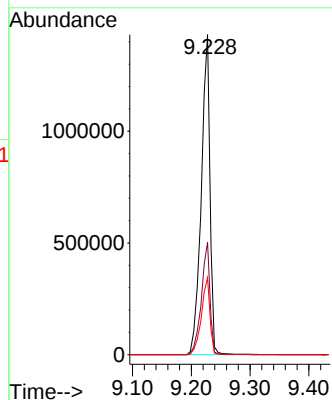
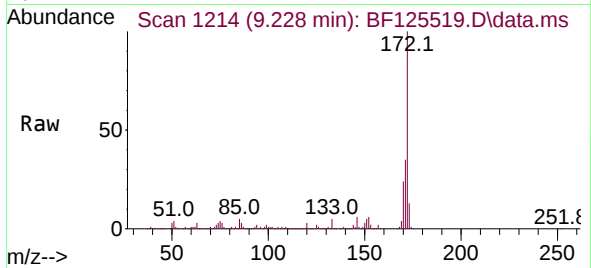




#45
2-Fluorobiphenyl
Concen: 59.115 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

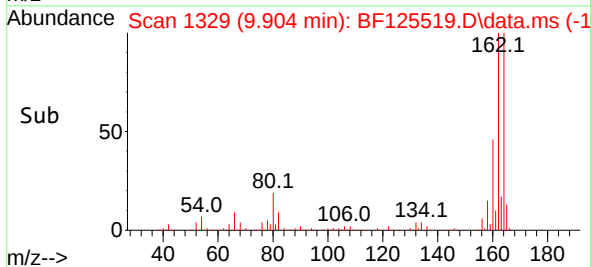
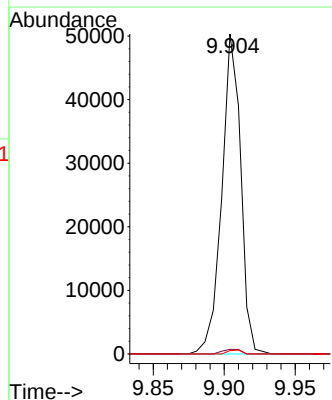
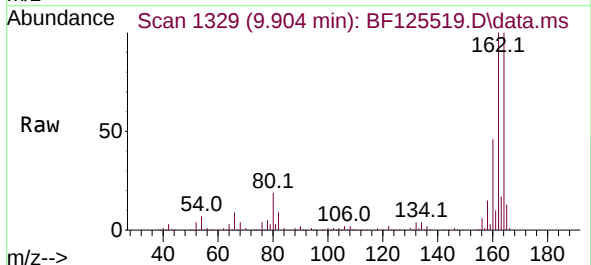
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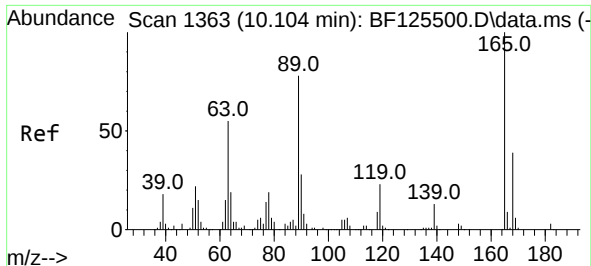
Tgt Ion:172 Resp: 1479661
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 24.1 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 7.884 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

Tgt Ion:165 Resp: 46396
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.1 40.6 60.8#

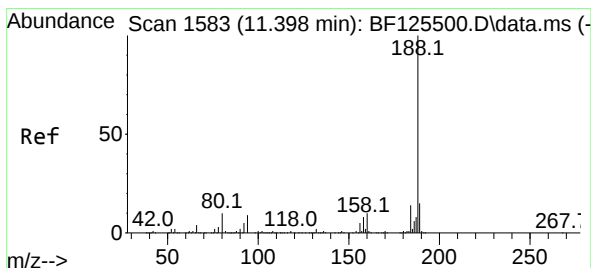
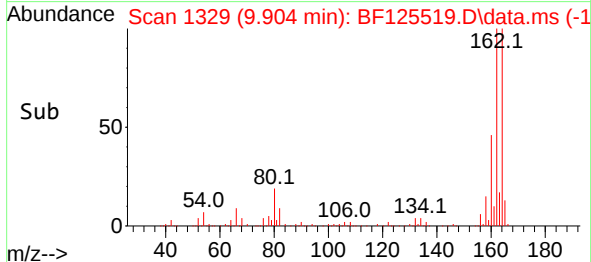
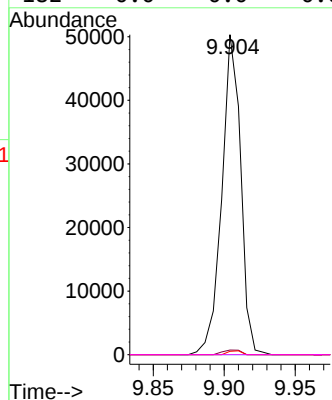
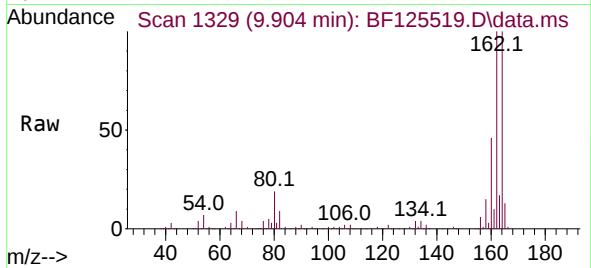




#57
2,4-Dinitrotoluene
Concen: 6.127 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

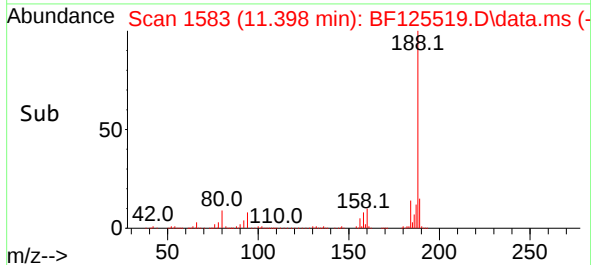
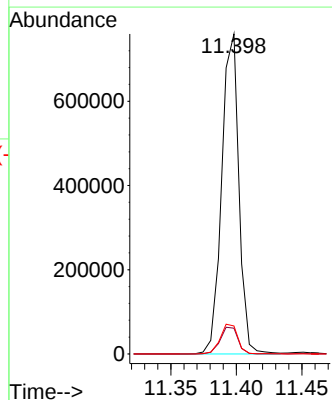
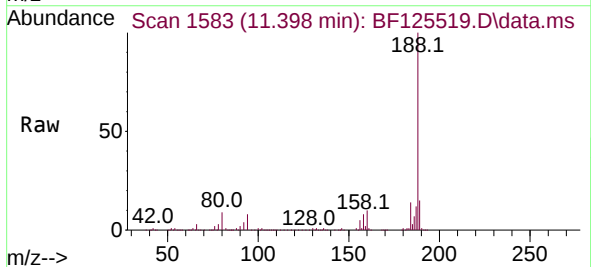
Instrument :
BNA_F
ClientSampleId :
F006130

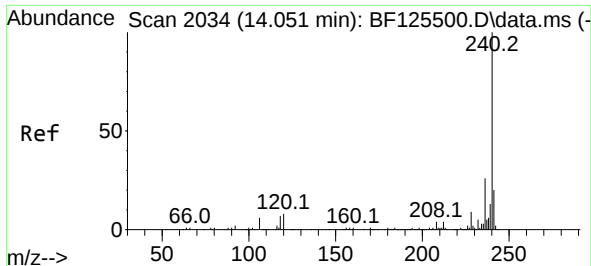
Tgt Ion:165	Resp:	46396
Ion Ratio	Lower	Upper
165	100	
63	1.5	40.9 61.3#
89	1.1	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

Tgt Ion:188	Resp:	690669
Ion Ratio	Lower	Upper
188	100	
94	8.1	6.7 10.1
80	8.8	7.5 11.3

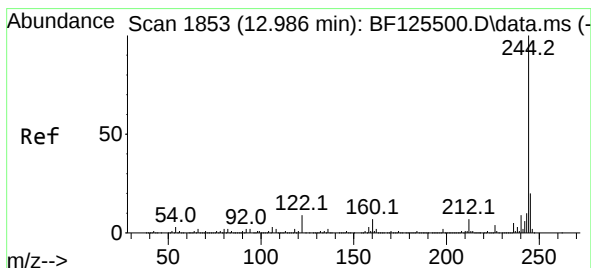
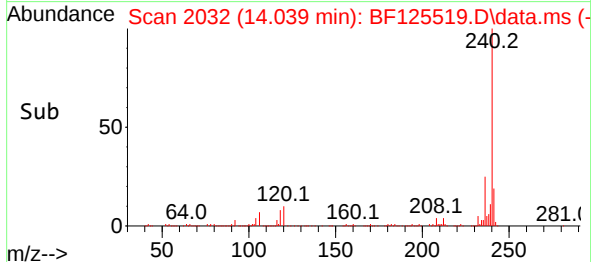
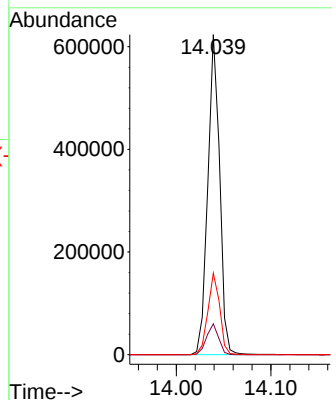
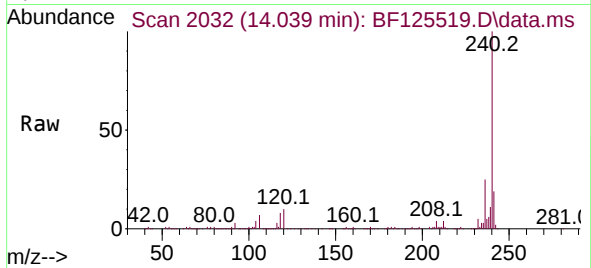




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

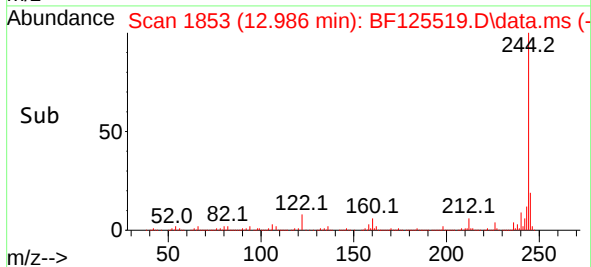
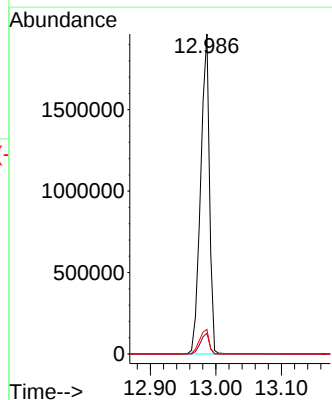
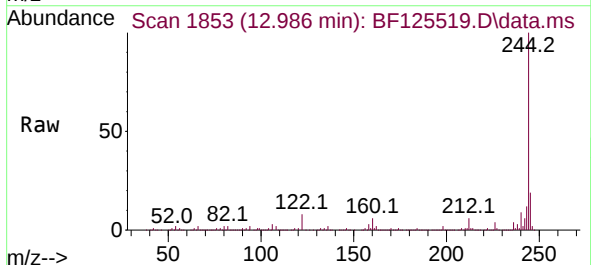
Instrument :
BNA_F
ClientSampleId :
F006130

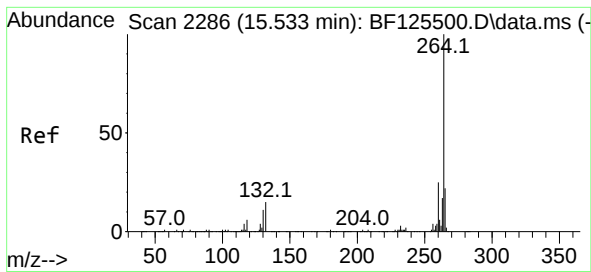
Tgt Ion:240 Resp: 540208
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 25.4 21.6 32.4



#79
Terphenyl-d14
Concen: 55.202 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

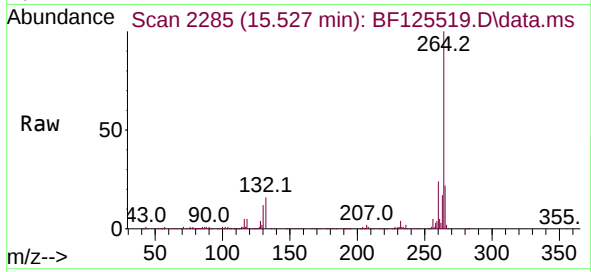
Tgt Ion:244 Resp: 1839038
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 7.7 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF125519.D
Acq: 15 Sep 2021 23:17

Instrument :
BNA_F
ClientSampleId :
F006130



Tgt Ion:	264	Resp:	428218
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.6	29.4
265	22.1	17.2	25.8

