

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125520.D
 Acq On : 15 Sep 2021 23:49
 Operator : JU/CG
 Sample : M3684-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A007145

Quant Time: Sep 16 03:08:23 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)

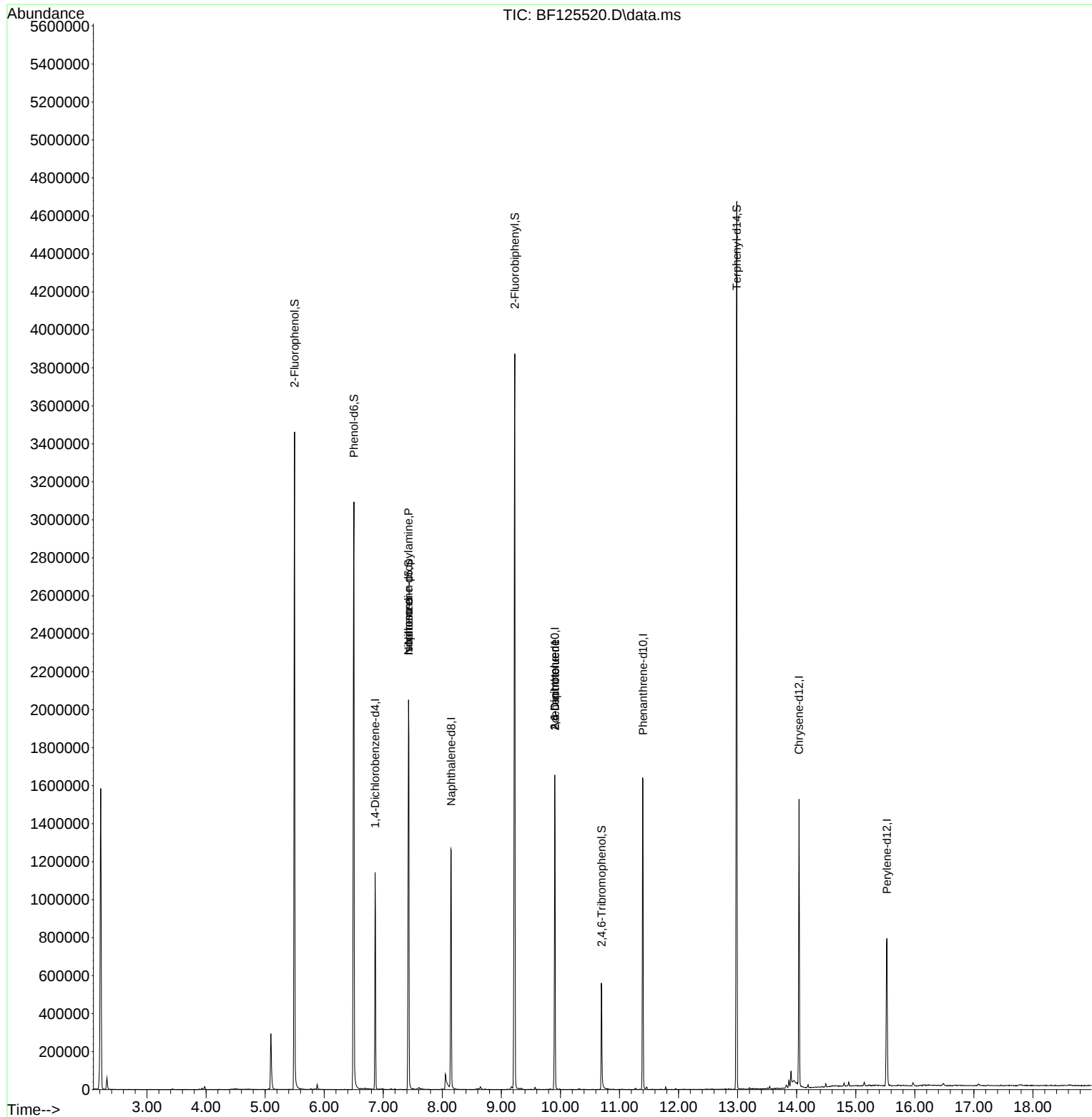
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	166017	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	648464	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	359753	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	674579	20.000	ng	0.00
76) Chrysene-d12	14.039	240	500657	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	378567	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	866015	82.884	ng	0.00
7) Phenol-d6	6.504	99	1138424	81.979	ng	0.00
23) Nitrobenzene-d5	7.428	82	776122	59.094	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	82196	18.760	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1423426	58.059	ng	0.00
79) Terphenyl-d14	12.986	244	1752528	56.761	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1911	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.428	70	103356	12.384	ng	# 56
25) Isophorone	7.428	82	772096	30.812	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	46068	7.993	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	46068	6.211	ng	# 20

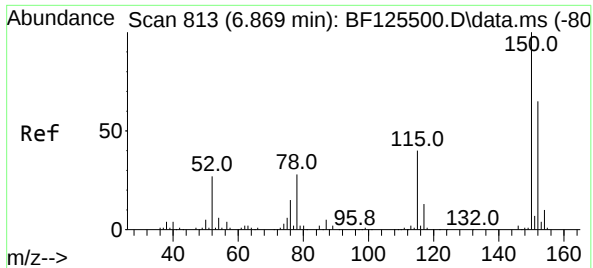
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
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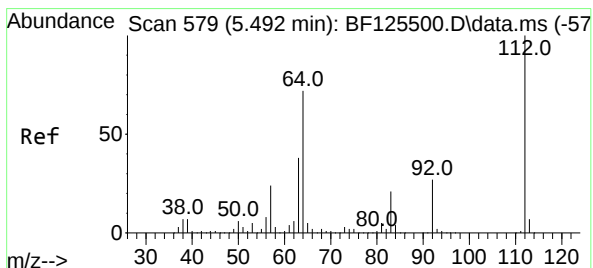
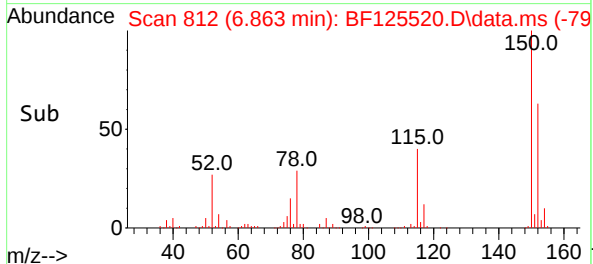
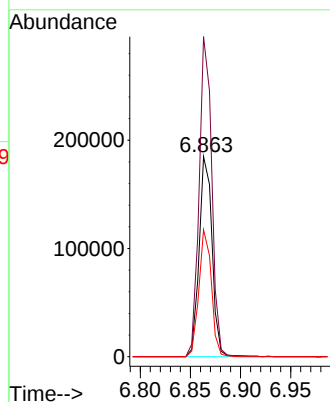
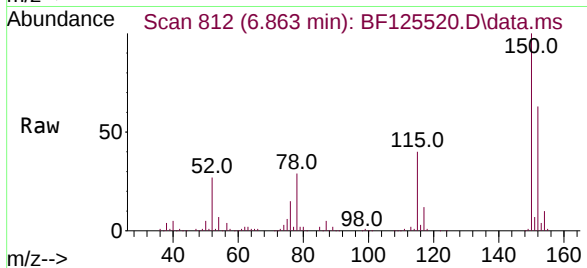




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

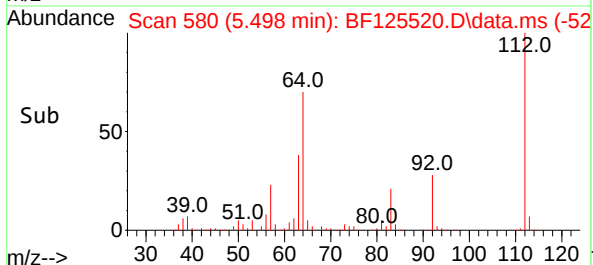
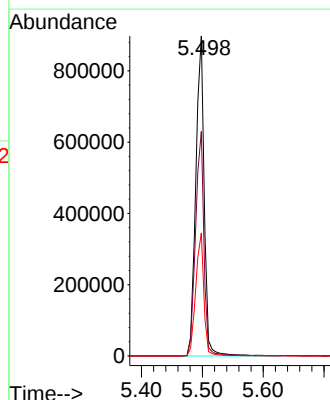
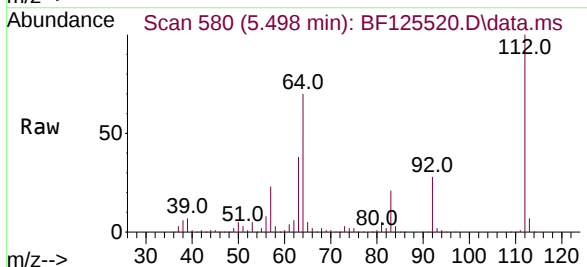
Instrument :
BNA_F
ClientSampleId :
A007145

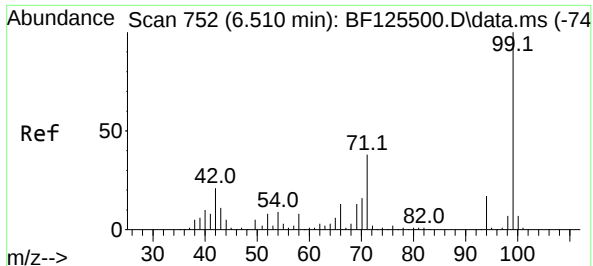
Tgt Ion:152 Resp: 166017
Ion Ratio Lower Upper
152 100
150 159.9 117.6 176.4
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 82.884 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

Tgt Ion:112 Resp: 866015
Ion Ratio Lower Upper
112 100
64 70.2 44.2 66.2#
63 38.4 26.2 39.2

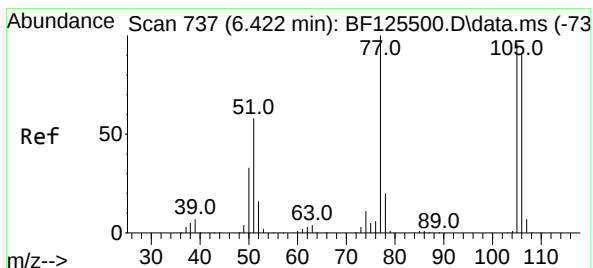
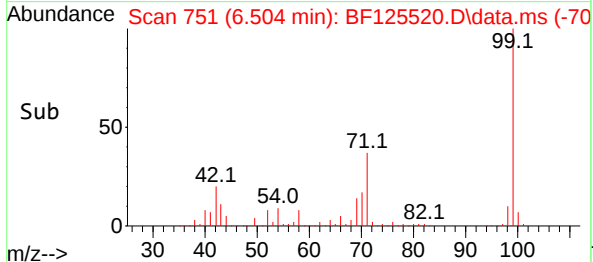
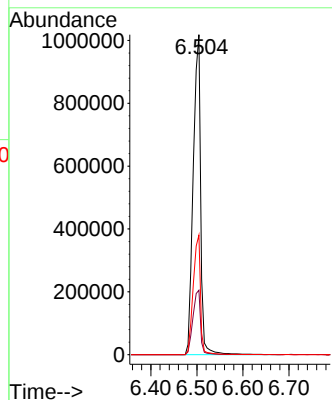
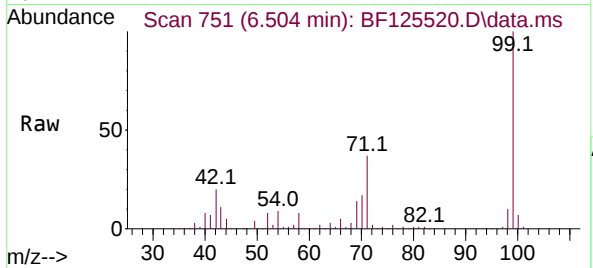




#7
Phenol-d6
Concen: 81.979 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

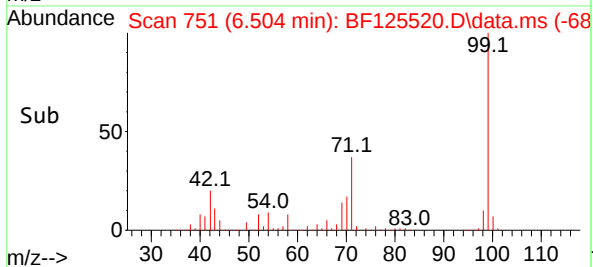
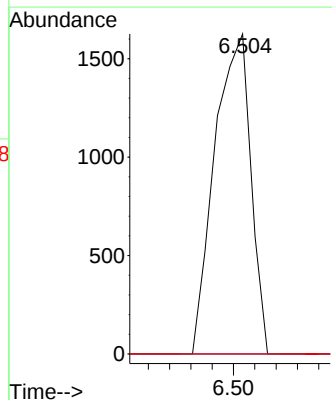
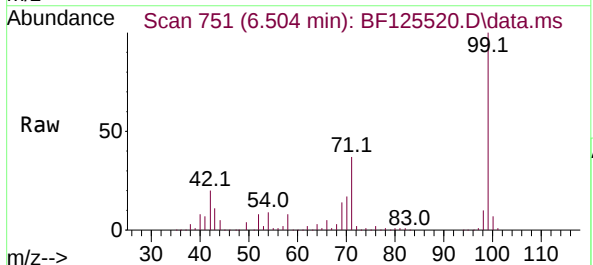
Instrument :
BNA_F
ClientSampleId :
A007145

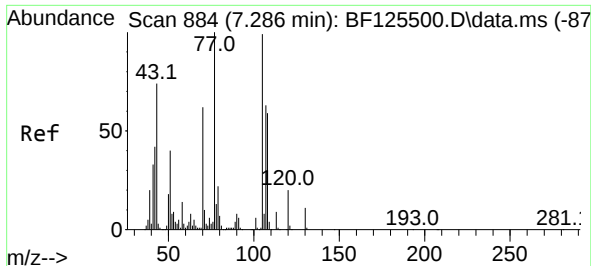
Tgt Ion: 99 Resp: 1138424
Ion Ratio Lower Upper
99 100
42 20.1 23.5 35.3#
71 37.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.082 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

Tgt Ion: 77 Resp: 1911
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

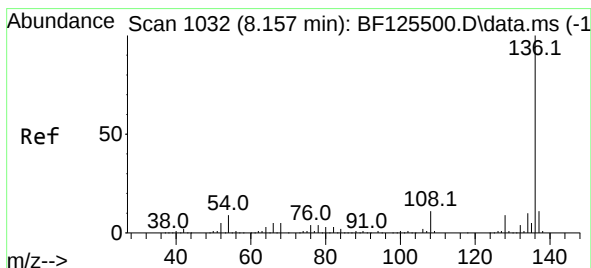
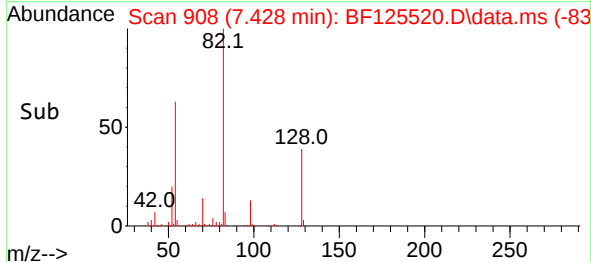
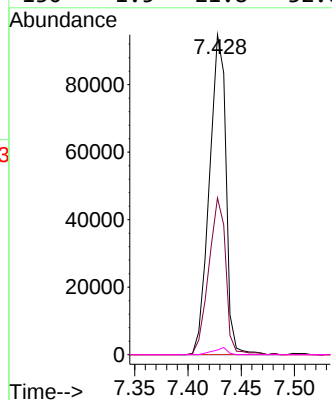
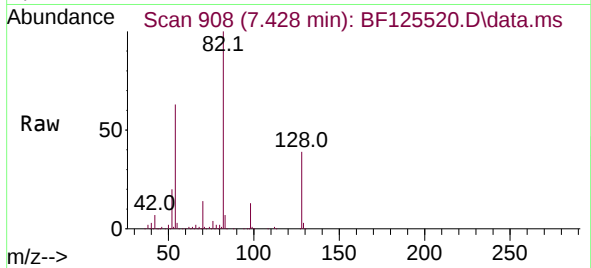




#19
n-Nitroso-di-n-propylamine
Concen: 12.384 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

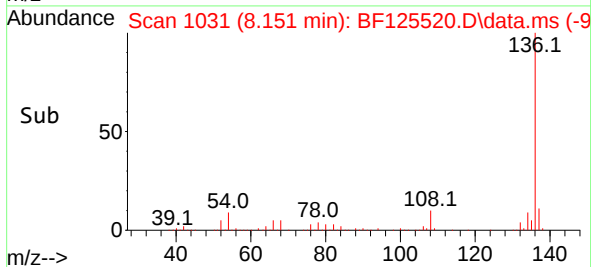
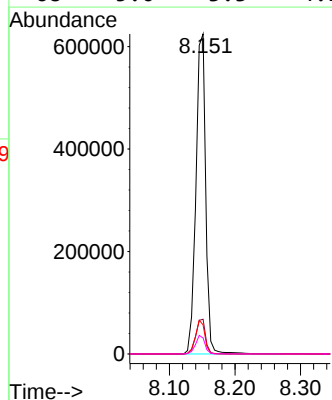
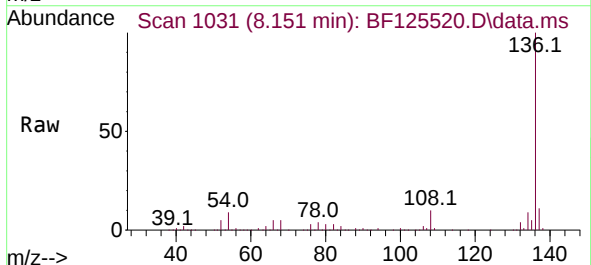
Instrument :
BNA_F
ClientSampleId :
A007145

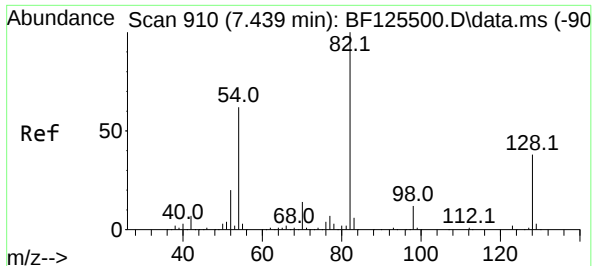
Tgt Ion: 70 Resp: 103356
Ion Ratio Lower Upper
70 100
42 49.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

Tgt Ion: 136 Resp: 648464
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.1 6.4 9.6
68 5.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 59.094 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.011 min

Lab File: BF125520.D

Acq: 15 Sep 2021 23:49

Tgt Ion: 82 Resp: 776122

Ion Ratio Lower Upper

82 100

128 39.4 40.6 60.8#

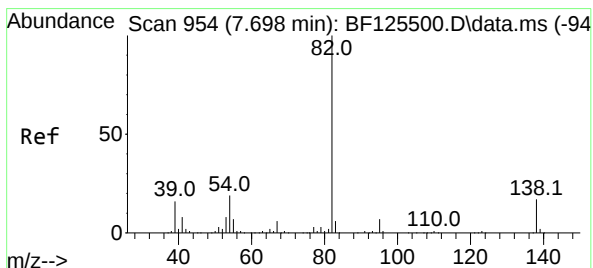
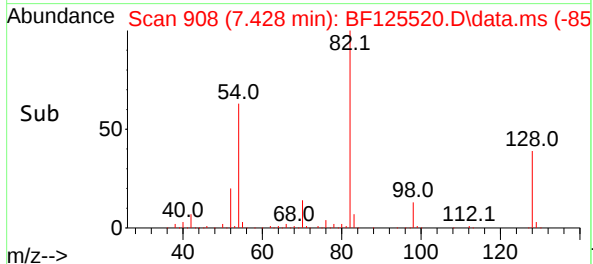
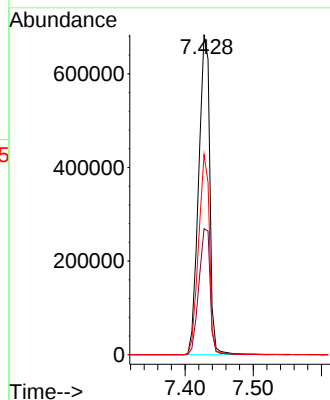
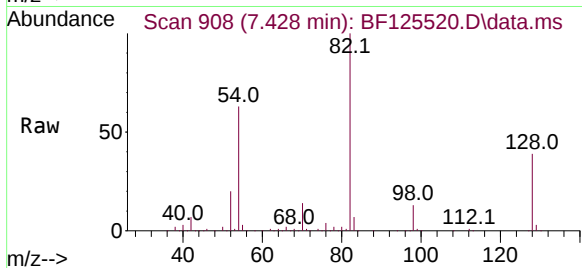
54 62.6 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

A007145



#25

Isophorone

Concen: 30.812 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.270 min

Lab File: BF125520.D

Acq: 15 Sep 2021 23:49

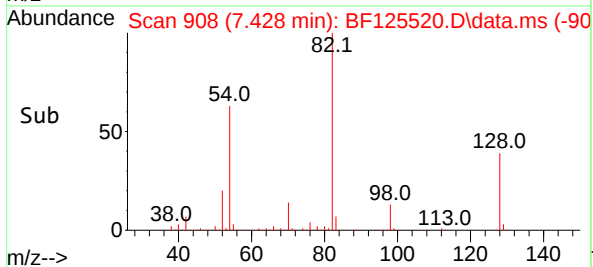
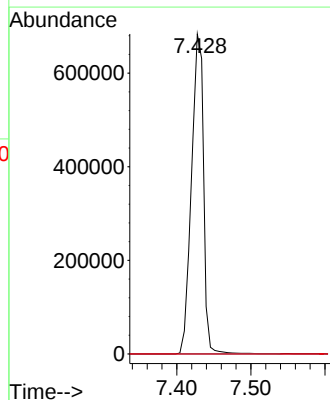
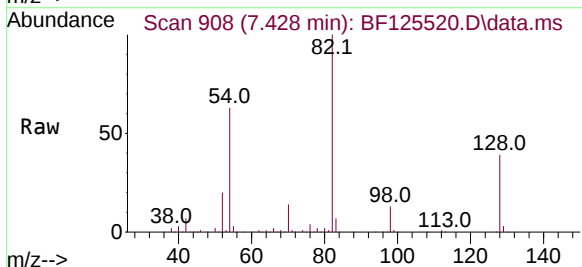
Tgt Ion: 82 Resp: 772096

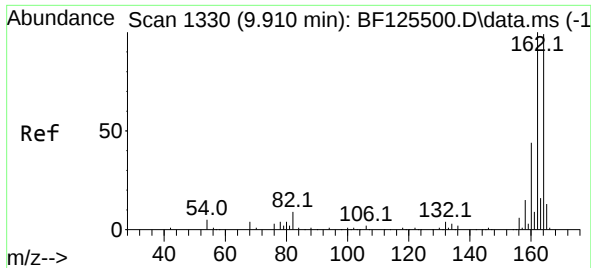
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

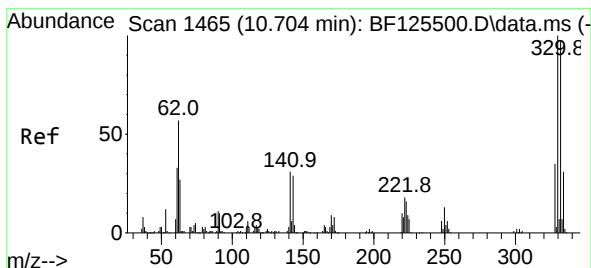
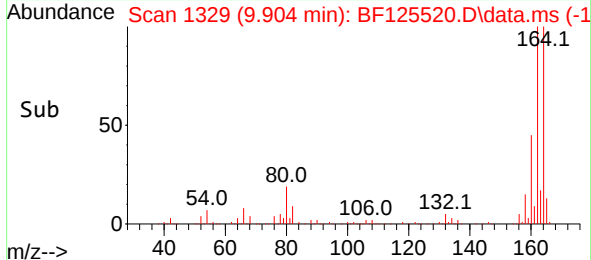
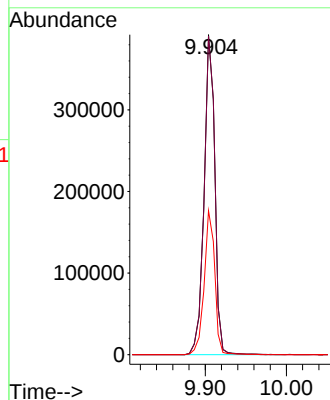
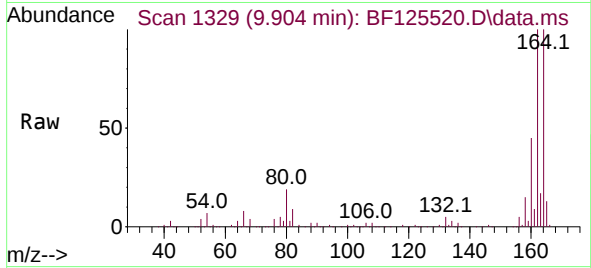




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

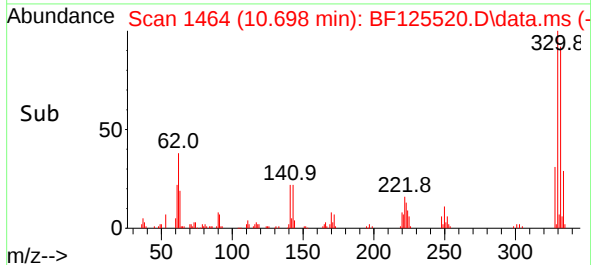
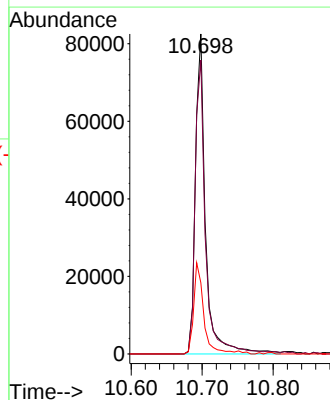
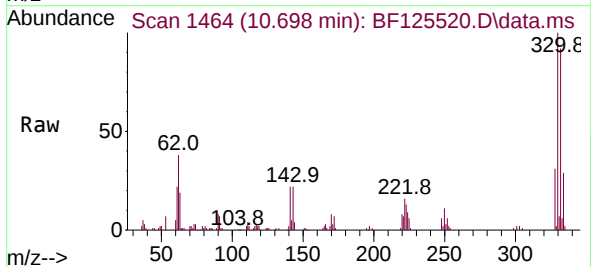
Instrument :
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ClientSampleId :
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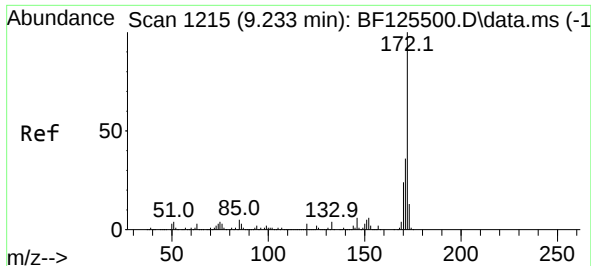
Tgt Ion:164 Resp: 359753
Ion Ratio Lower Upper
164 100
162 99.6 81.3 121.9
160 45.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 18.760 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

Tgt Ion:330 Resp: 82196
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 28.6 44.6 66.8#

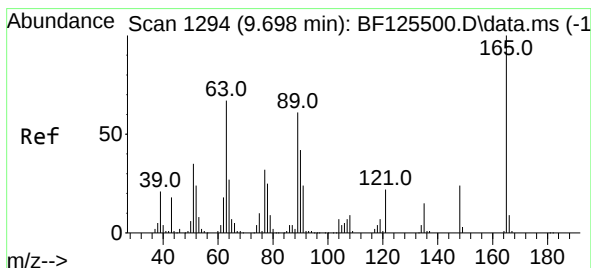
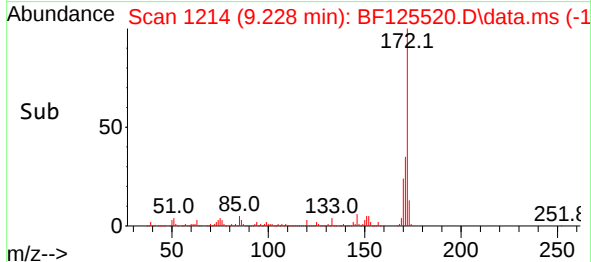
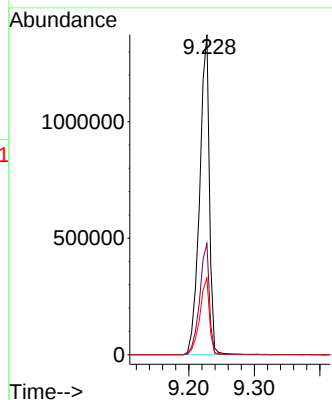
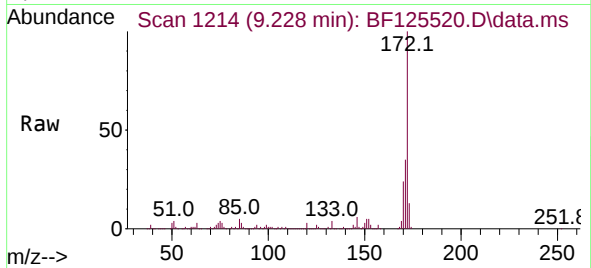




#45
2-Fluorobiphenyl
Concen: 58.059 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

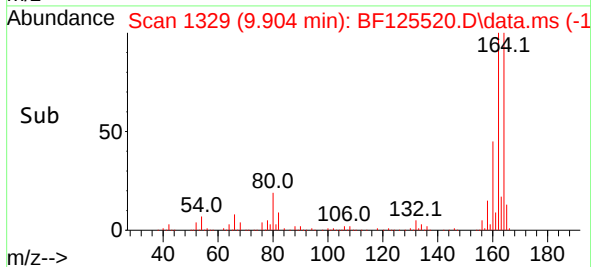
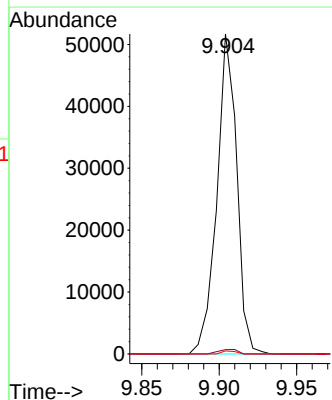
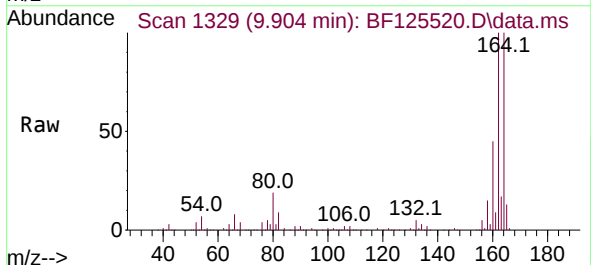
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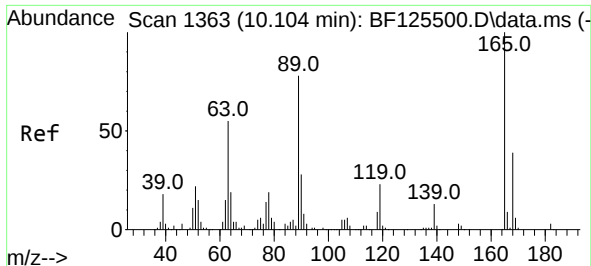
Tgt Ion:172 Resp: 1423426
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 7.993 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

Tgt Ion:165 Resp: 46068
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 0.9 40.6 60.8#

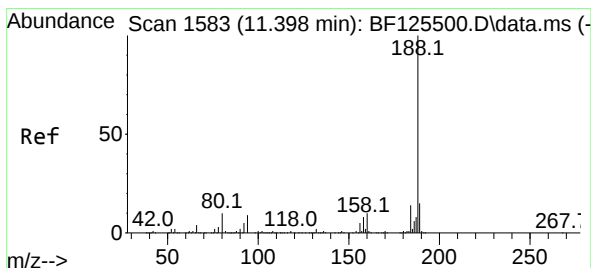
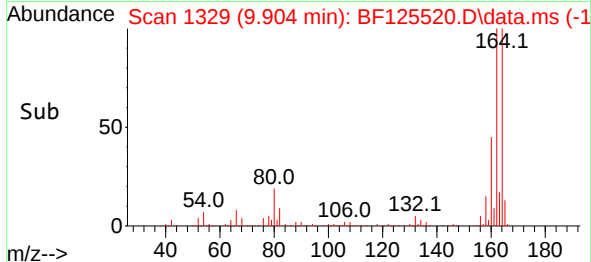
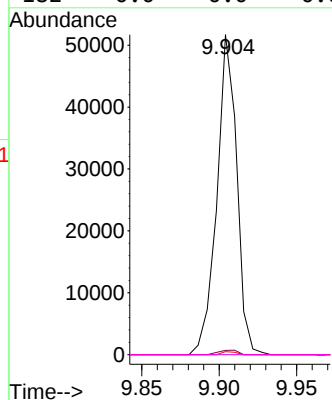
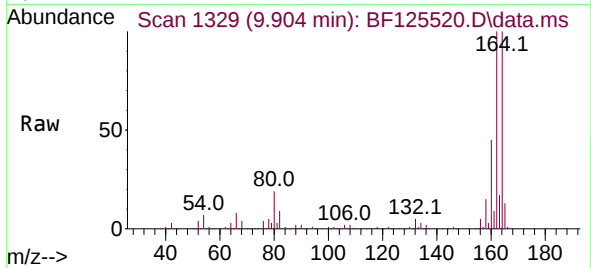




#57
2,4-Dinitrotoluene
Concen: 6.211 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

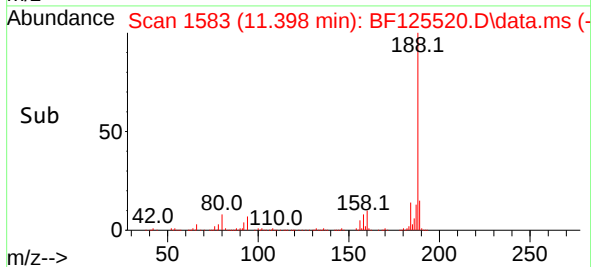
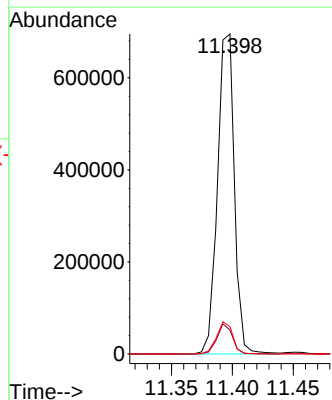
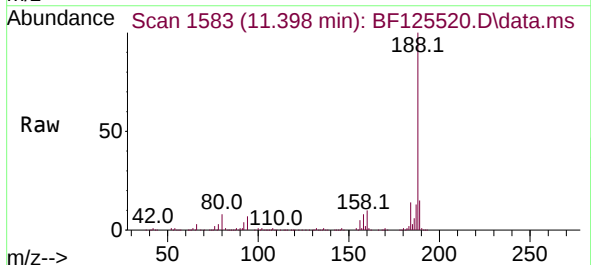
Instrument :
BNA_F
ClientSampleId :
A007145

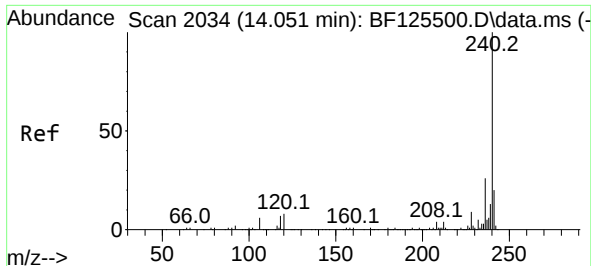
Tgt Ion:165	Resp:	46068
Ion Ratio	Lower	Upper
165	100	
63	1.4	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

Tgt Ion:188	Resp:	674579
Ion Ratio	Lower	Upper
188	100	
94	7.4	6.7 10.1
80	8.5	7.5 11.3

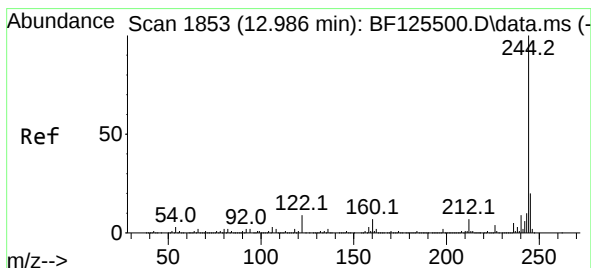
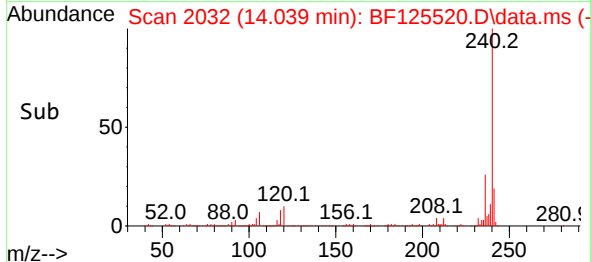
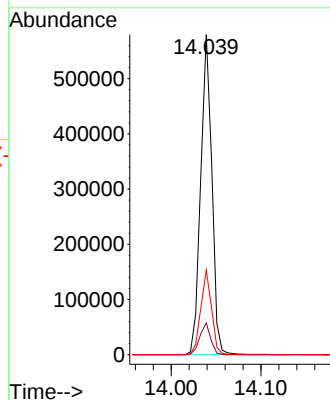
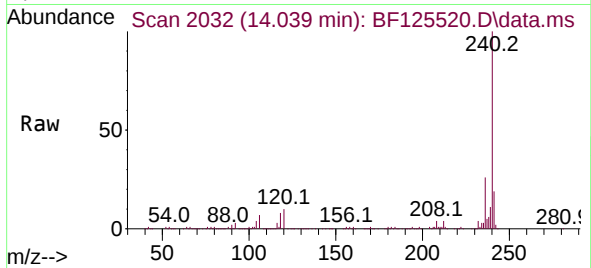




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

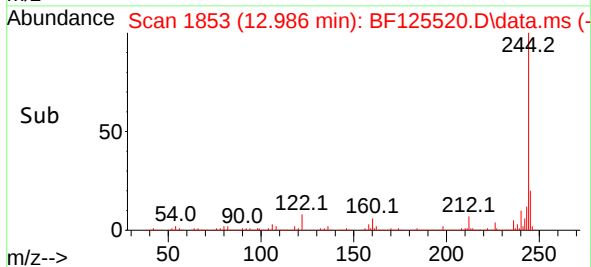
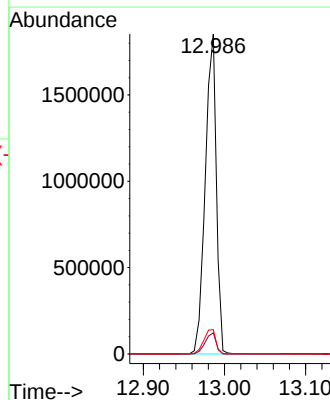
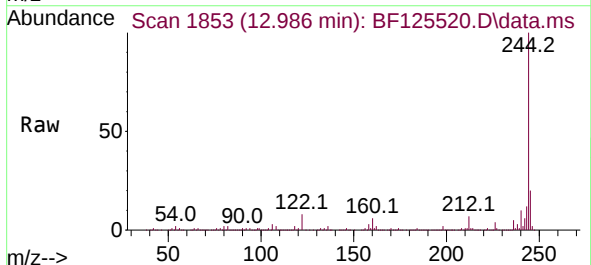
Instrument :
BNA_F
ClientSampleId :
A007145

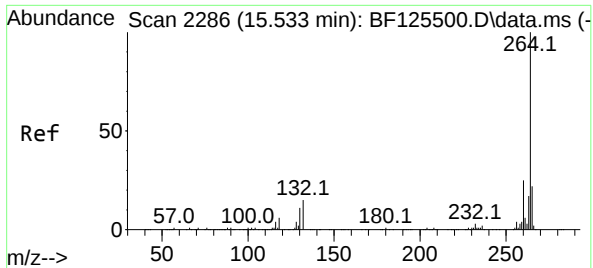
Tgt Ion:240 Resp: 500657
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 26.4 21.6 32.4



#79
Terphenyl-d14
Concen: 56.761 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

Tgt Ion:244 Resp: 1752528
Ion Ratio Lower Upper
244 100
212 6.6 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: BF125520.D
 Acq: 15 Sep 2021 23:49

Instrument :
 BNA_F
 ClientSampleId :
 A007145

Tgt Ion:264	Resp:	378567
Ion	Ratio	Lower Upper
264	100	
260	24.8	19.6 29.4
265	22.0	17.2 25.8

