

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125505.D
 Acq On : 15 Sep 2021 15:33
 Operator : JU/CG
 Sample : PB139080BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139080BL

Quant Time: Sep 15 16:07:32 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)

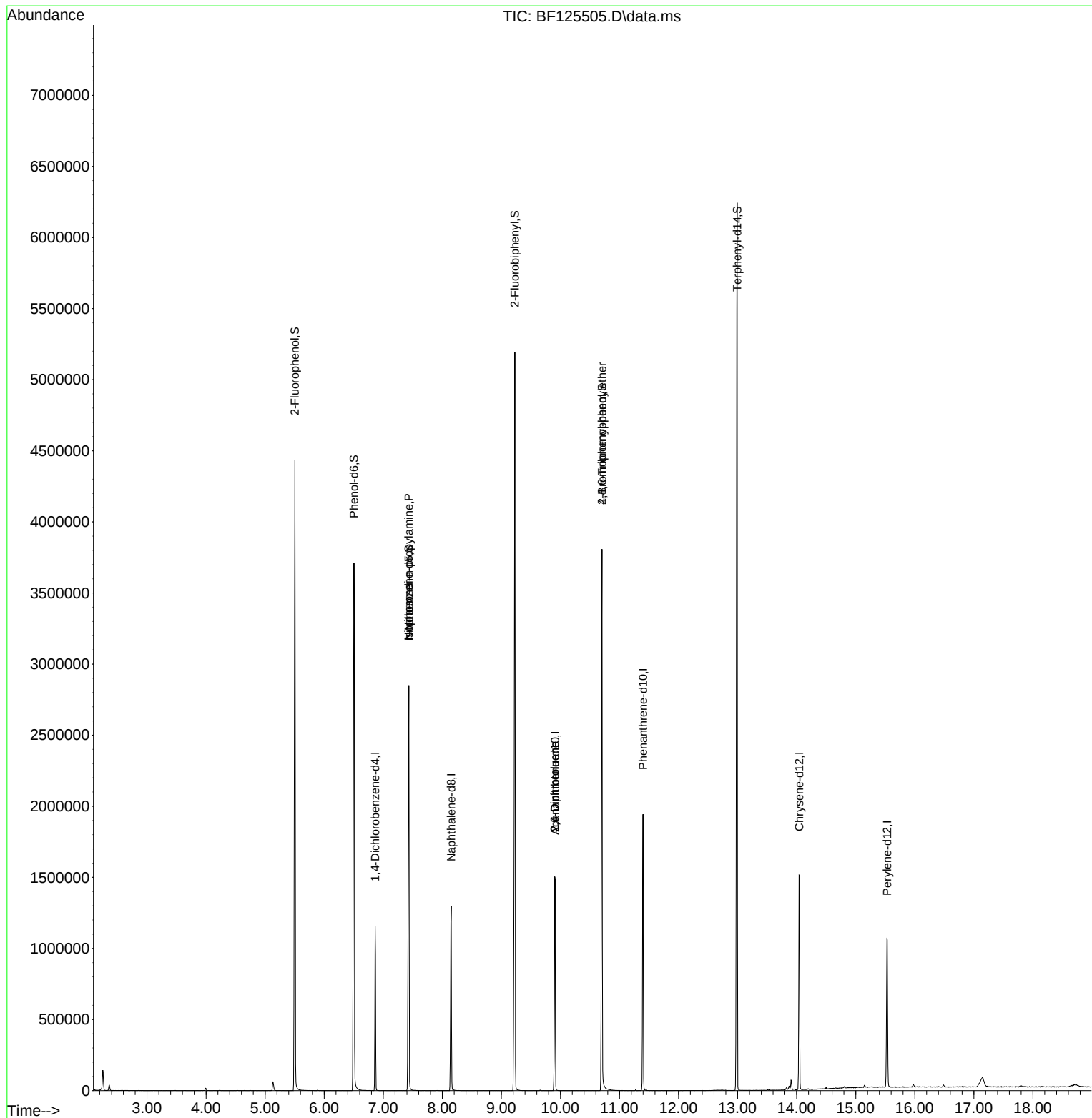
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	166899	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	667246	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	359554	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	693145	20.000	ng	0.00
76) Chrysene-d12	14.045	240	588019	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	513654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1222637	116.398	ng	0.01
7) Phenol-d6	6.504	99	1547386	110.839	ng	0.00
23) Nitrobenzene-d5	7.434	82	1057557	78.256	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	541469	123.648	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1892796	77.247	ng	0.00
79) Terphenyl-d14	12.992	244	2523496	69.589	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	2306	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.434	70	142690	17.007	ng	# 56
25) Isophorone	7.434	82	1049702	40.711	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	46359	8.047	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	46359	6.253	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	31027	3.690	ng	# 1

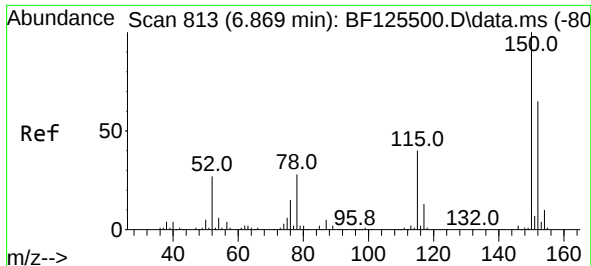
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125505.D
Acq On : 15 Sep 2021 15:33
Operator : JU/CG
Sample : PB139080BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139080BL

Quant Time: Sep 15 16:07:32 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

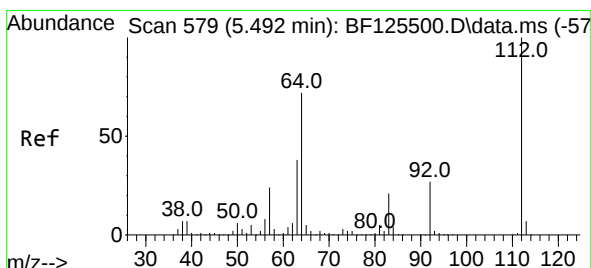
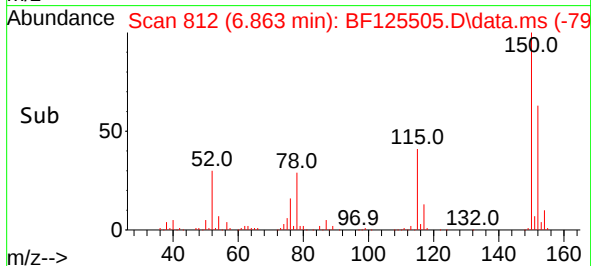
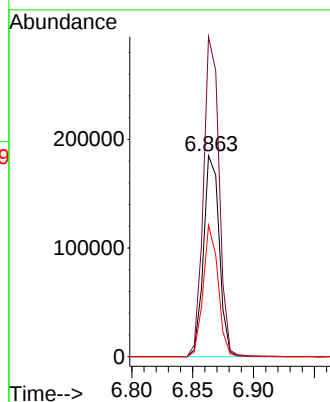
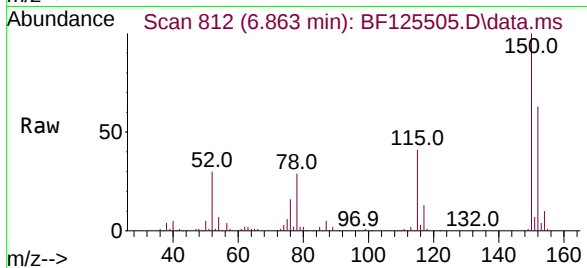




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

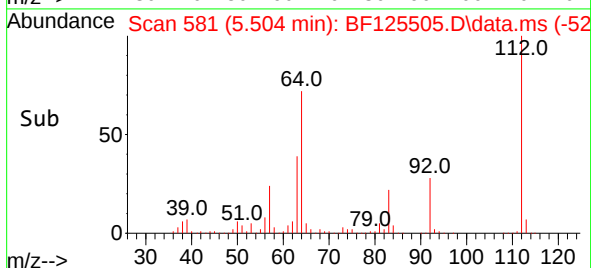
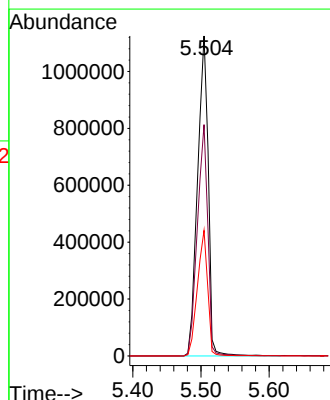
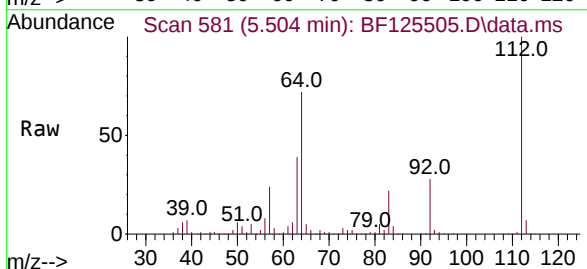
Instrument :
BNA_F
ClientSampleId :
PB139080BL

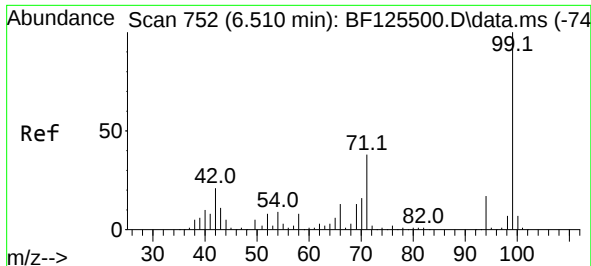
Tgt Ion:152 Resp: 166899
Ion Ratio Lower Upper
152 100
150 159.2 117.6 176.4
115 65.4 47.1 70.7



#5
2-Fluorophenol
Concen: 116.398 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

Tgt Ion:112 Resp: 1222637
Ion Ratio Lower Upper
112 100
64 72.3 44.2 66.2#
63 39.2 26.2 39.2

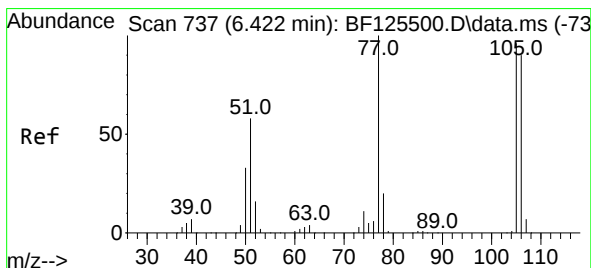
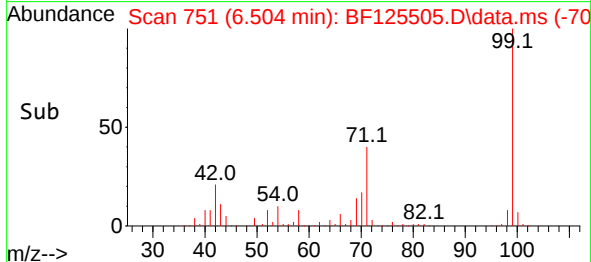
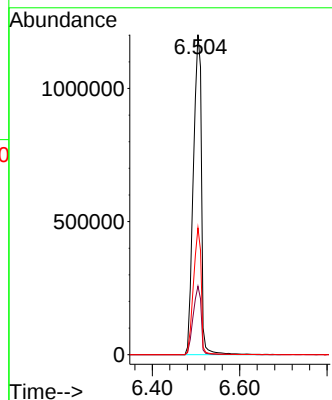
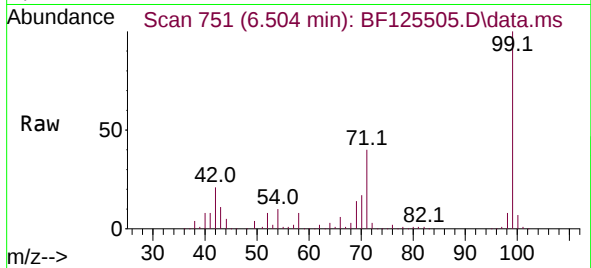




#7
Phenol-d6
Concen: 110.839 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

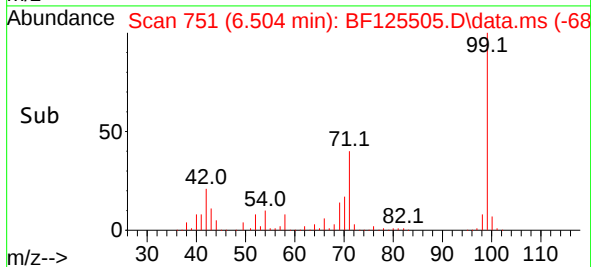
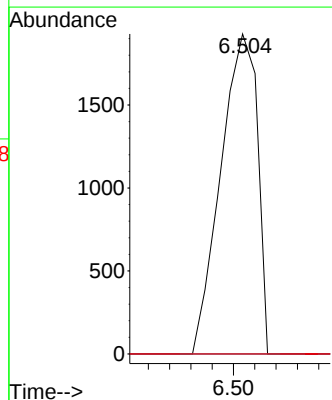
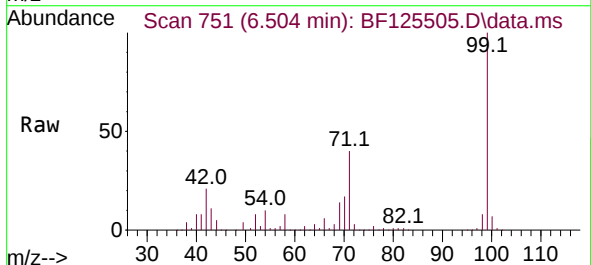
Instrument :
BNA_F
ClientSampleId :
PB139080BL

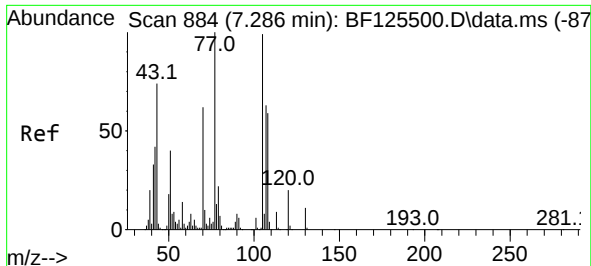
Tgt Ion: 99 Resp: 1547386
Ion Ratio Lower Upper
99 100
42 21.4 23.5 35.3#
71 39.6 25.6 38.4#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.082 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

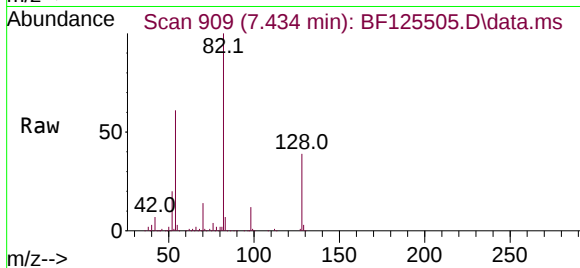
Tgt Ion: 77 Resp: 2306
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



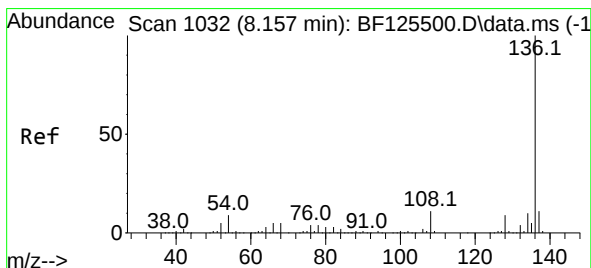
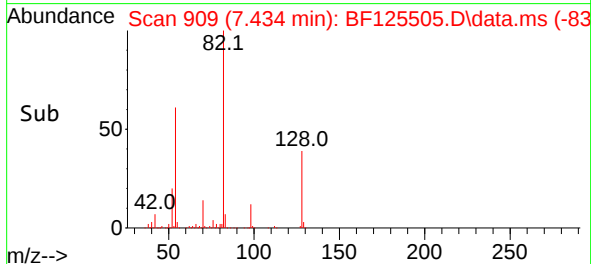
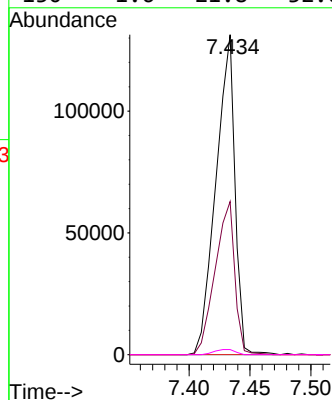


#19
n-Nitroso-di-n-propylamine
Concen: 17.007 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

Instrument :
BNA_F
ClientSampleId :
PB139080BL

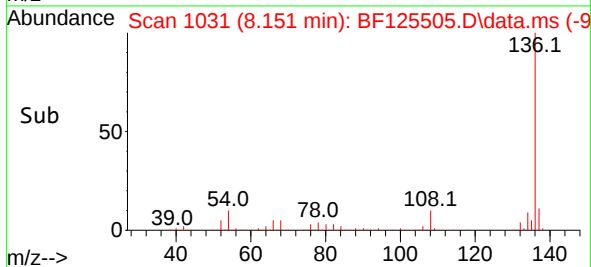
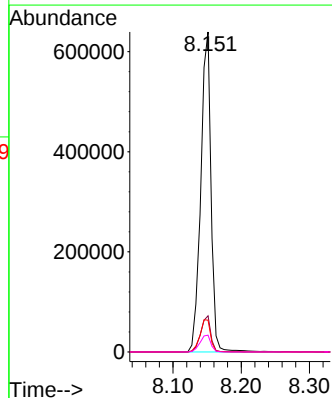
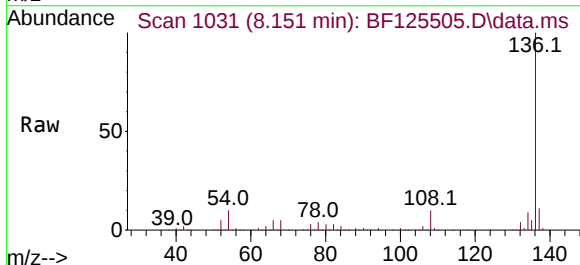


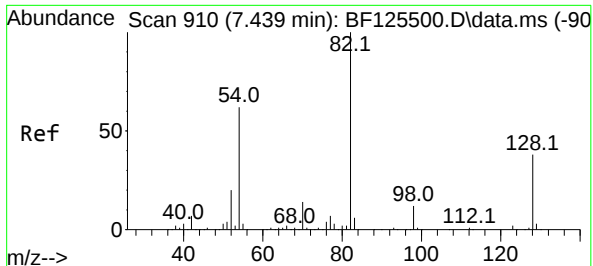
Tgt Ion: 70 Resp: 142690
Ion Ratio Lower Upper
70 100
42 47.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

Tgt Ion: 136 Resp: 667246
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 10.0 6.4 9.6#
68 5.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 78.256 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF125505.D

Acq: 15 Sep 2021 15:33

Tgt Ion: 82 Resp: 1057557

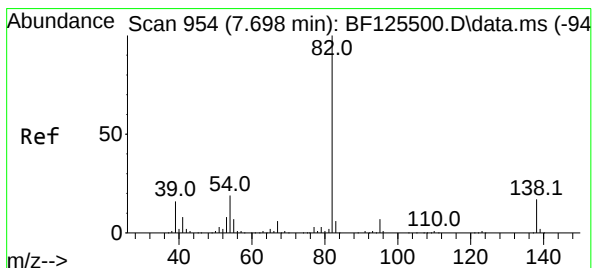
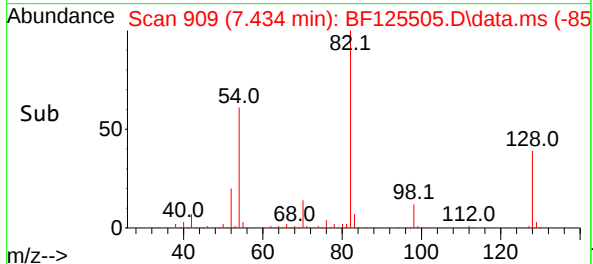
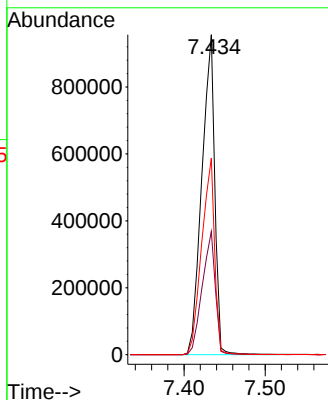
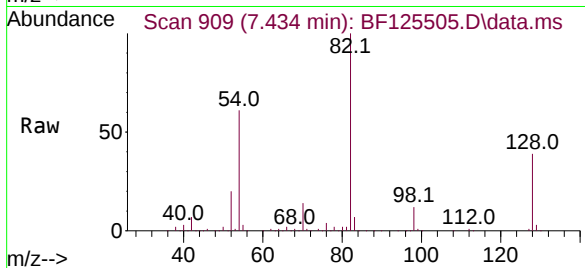
Ion	Ratio	Lower	Upper
82	100		
128	38.5	40.6	60.8#
54	61.4	49.6	74.4

Instrument :

BNA_F

ClientSampleId :

PB139080BL



#25

Isophorone

Concen: 40.711 ng

RT: 7.434 min Scan# 909

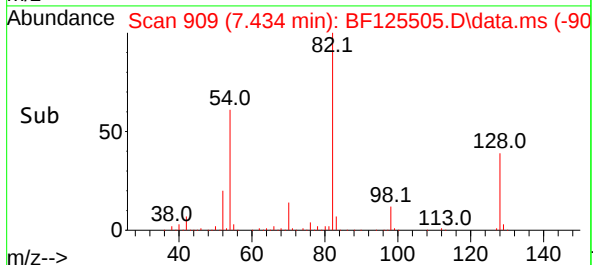
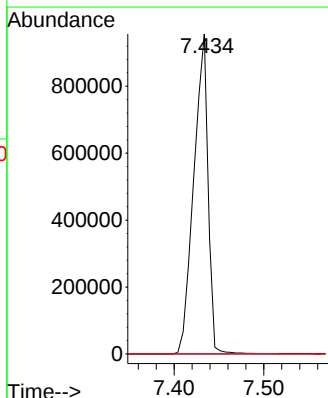
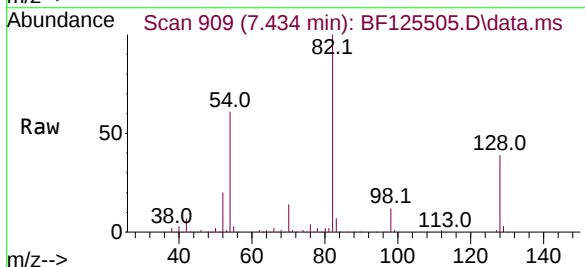
Delta R.T. -0.265 min

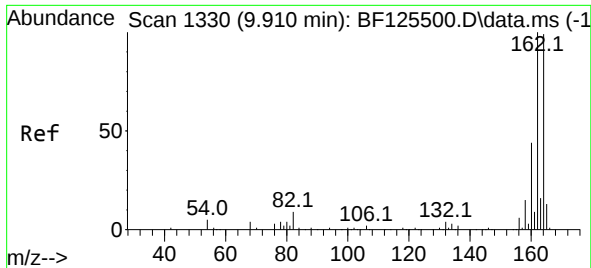
Lab File: BF125505.D

Acq: 15 Sep 2021 15:33

Tgt Ion: 82 Resp: 1049702

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

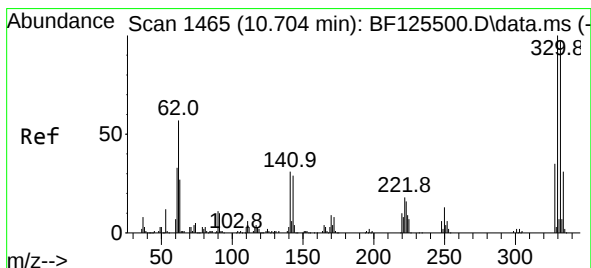
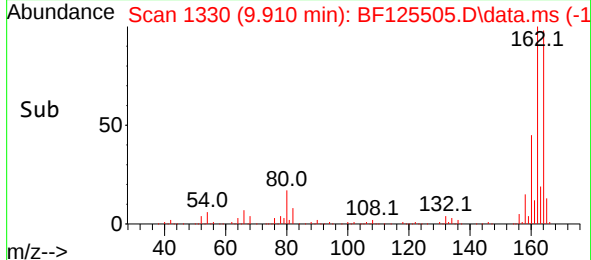
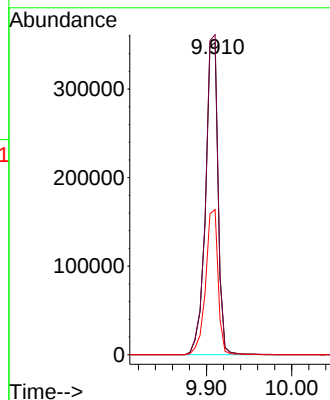
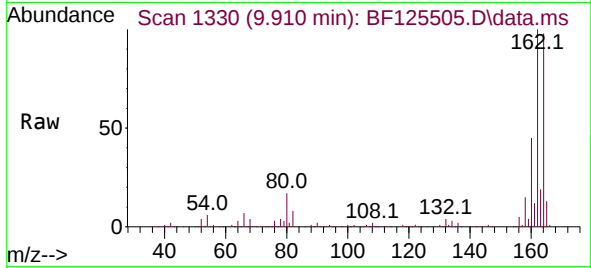




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

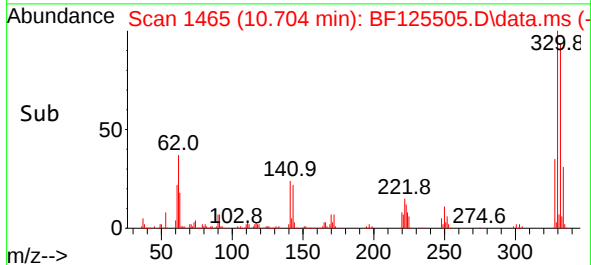
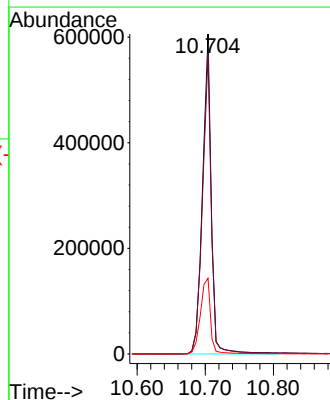
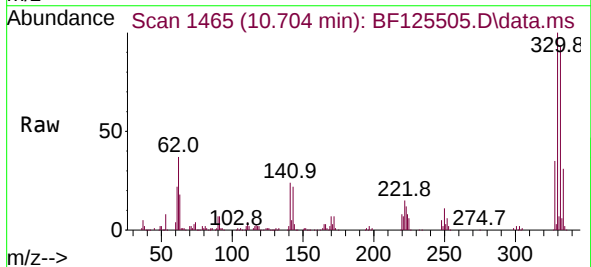
Instrument :
BNA_F
ClientSampleId :
PB139080BL

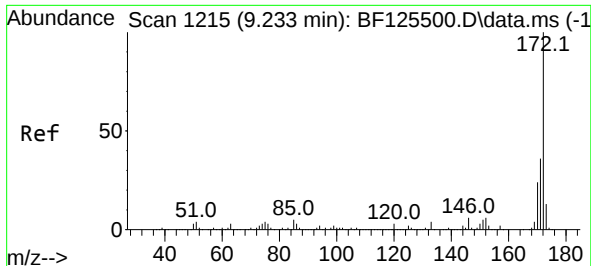
Tgt Ion:164 Resp: 359554
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 46.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 123.648 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

Tgt Ion:330 Resp: 541469
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 27.8 44.6 66.8#

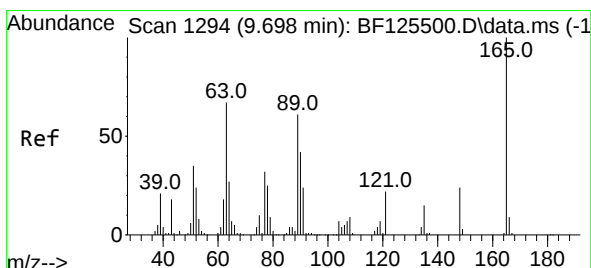
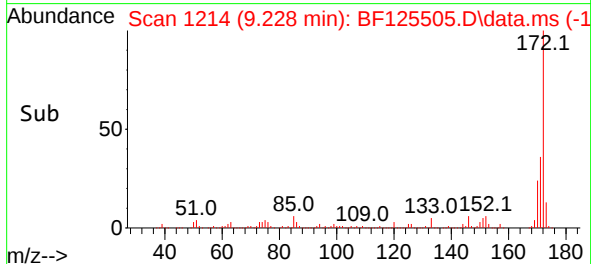
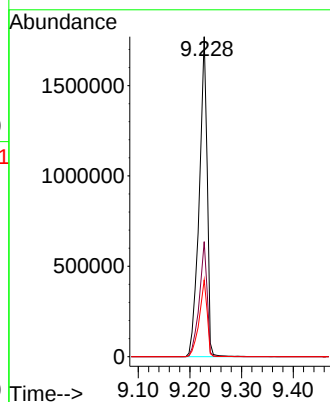
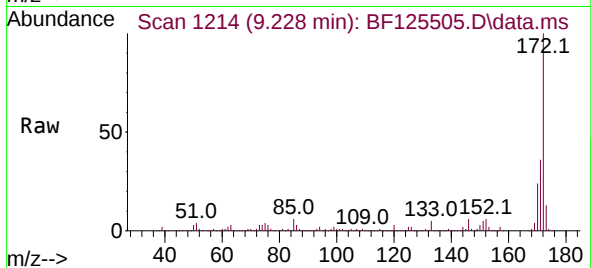




#45
2-Fluorobiphenyl
Concen: 77.247 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

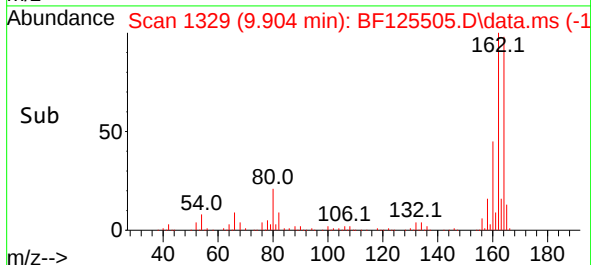
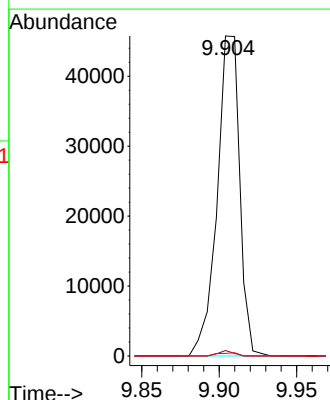
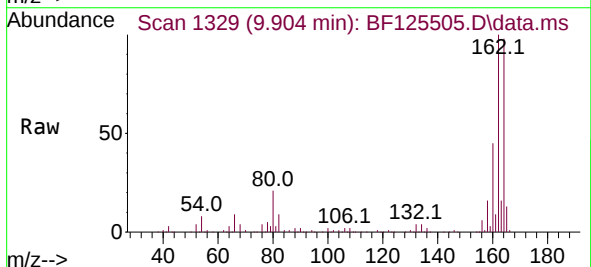
Instrument :
BNA_F
ClientSampleId :
PB139080BL

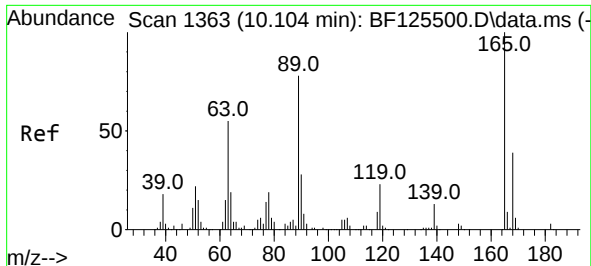
Tgt Ion:172 Resp: 1892796
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.0 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.047 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

Tgt Ion:165 Resp: 46359
Ion Ratio Lower Upper
165 100
63 1.7 42.6 63.8#
89 0.8 40.6 60.8#

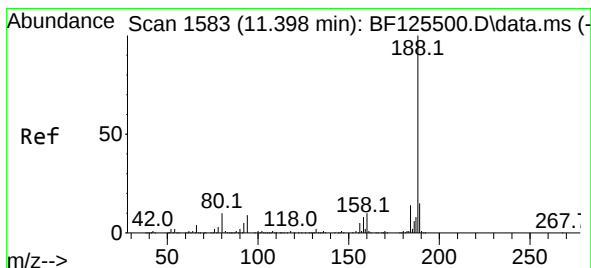
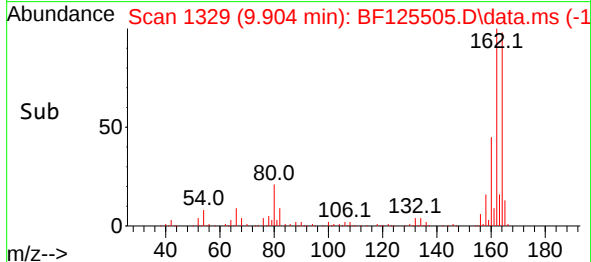
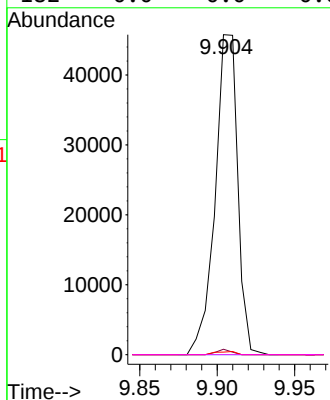
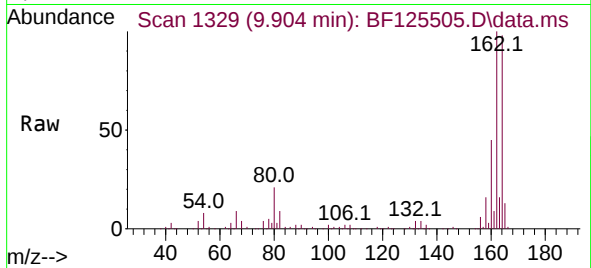




#57
2,4-Dinitrotoluene
Concen: 6.253 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

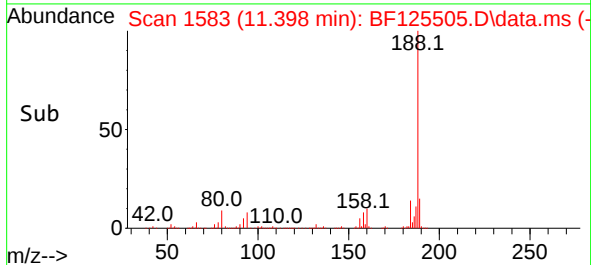
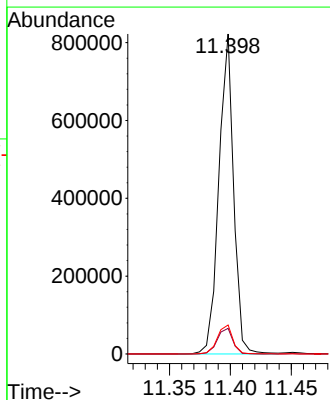
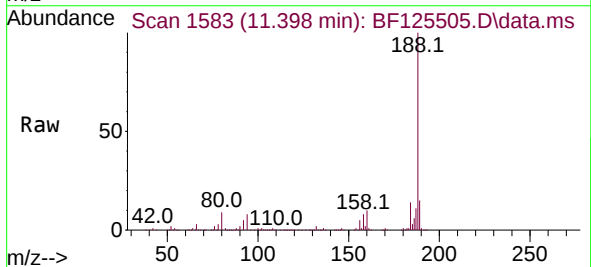
Instrument :
BNA_F
ClientSampleId :
PB139080BL

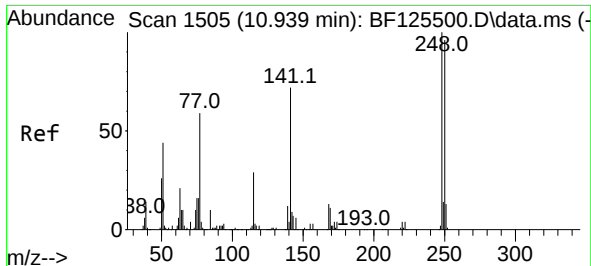
Tgt Ion:165	Resp:	46359
Ion Ratio	Lower	Upper
165	100	
63	1.7	40.9 61.3#
89	0.8	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

Tgt Ion:188	Resp:	693145
Ion Ratio	Lower	Upper
188	100	
94	8.0	6.7 10.1
80	9.1	7.5 11.3

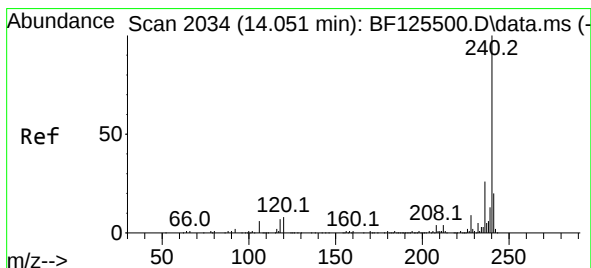
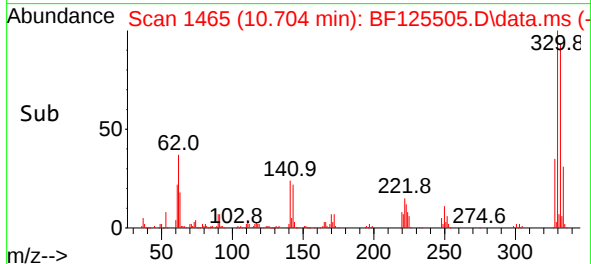
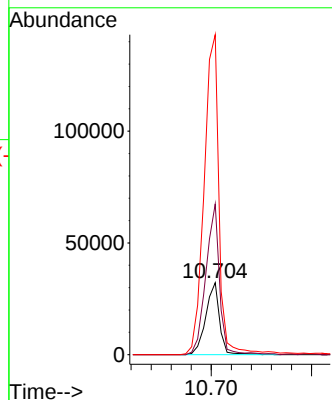
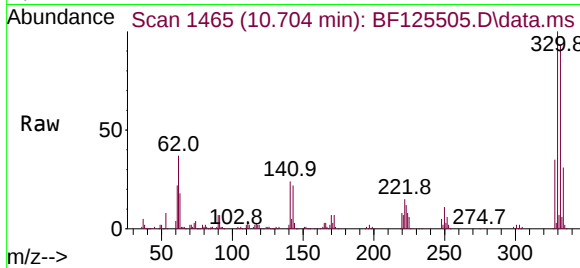




#67
4-Bromophenyl-phenylether
Concen: 3.690 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.235 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

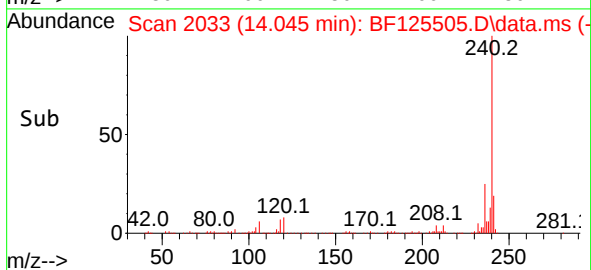
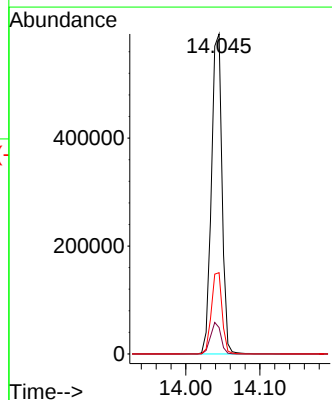
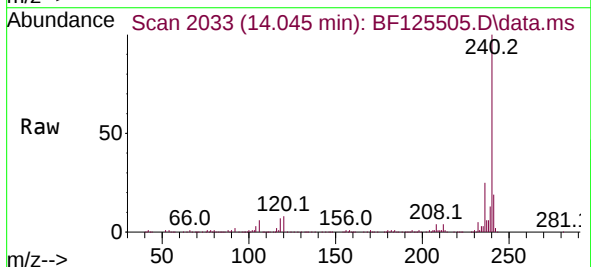
Instrument :
BNA_F
ClientSampleId :
PB139080BL

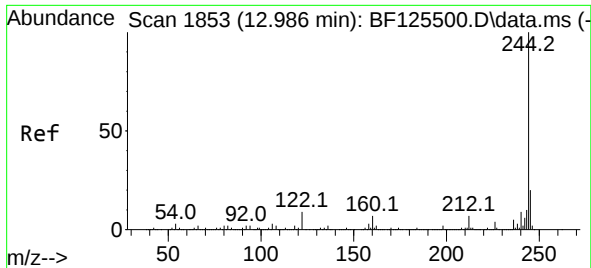
Tgt Ion:248 Resp: 31027
Ion Ratio Lower Upper
248 100
250 209.2 74.2 111.4#
141 444.2 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

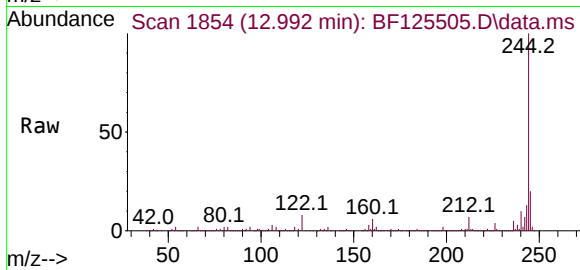
Tgt Ion:240 Resp: 588019
Ion Ratio Lower Upper
240 100
120 8.3 10.8 16.2#
236 25.4 21.6 32.4



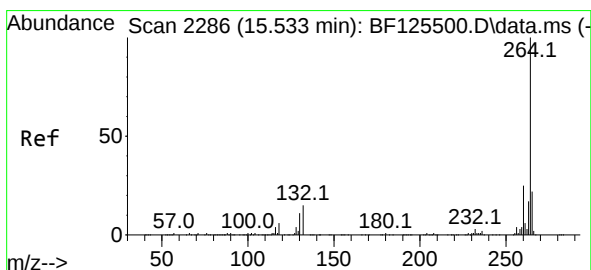
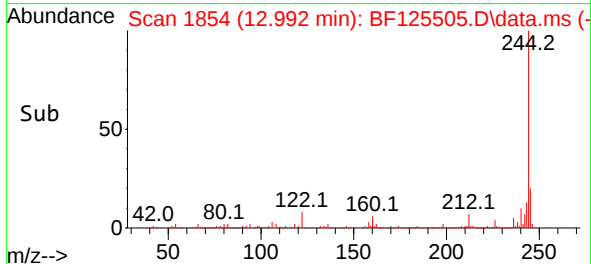
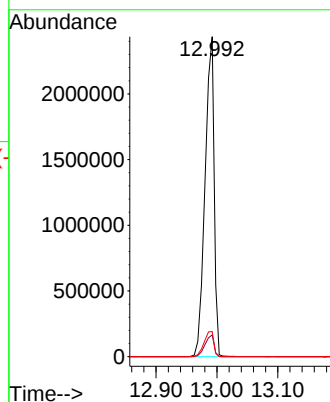


#79
Terphenyl-d14
Concen: 69.589 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

Instrument :
BNA_F
ClientSampleId :
PB139080BL



Tgt Ion:244 Resp: 2523496
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 7.9 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF125505.D
Acq: 15 Sep 2021 15:33

Tgt Ion:264 Resp: 513654
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.0 17.2 25.8

