

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125509.D
 Acq On : 15 Sep 2021 17:48
 Operator : JU/CG
 Sample : PB139103TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139103TB

Quant Time: Sep 16 03:06:22 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)

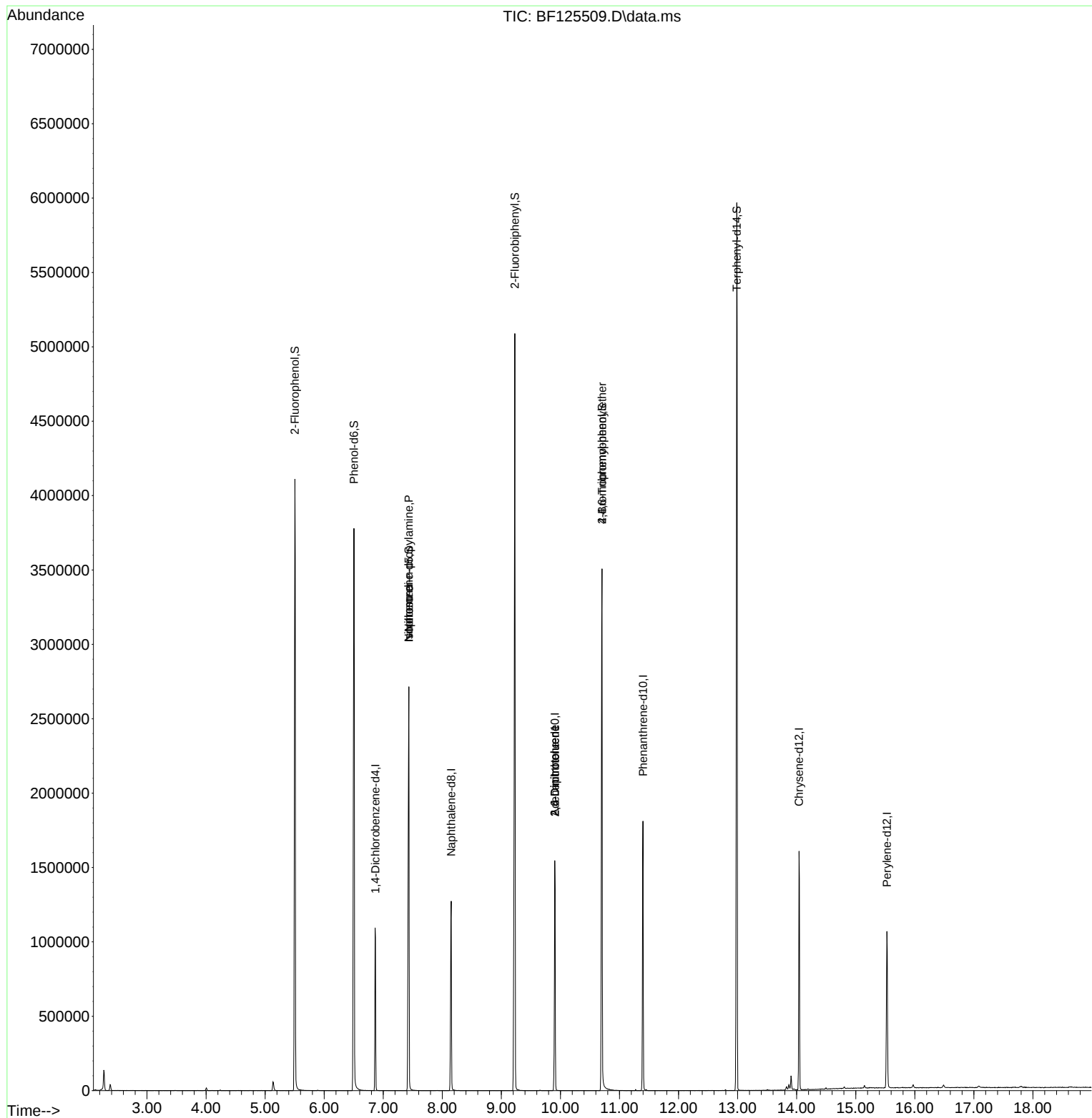
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	165928	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	663749	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	364436	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	697578	20.000	ng	0.00
76) Chrysene-d12	14.039	240	580608	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	502804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1195651	114.495	ng	0.01
7) Phenol-d6	6.504	99	1518262	109.390	ng	0.00
23) Nitrobenzene-d5	7.434	82	1035855	77.054	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	526503	118.619	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1882665	75.804	ng	0.00
79) Terphenyl-d14	12.986	244	2468275	68.935	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	2060	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.434	70	139981	16.781	ng	# 58
25) Isophorone	7.434	82	1027597	40.064	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	45677	7.823	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	45677	6.079	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	30664	3.623	ng	# 1

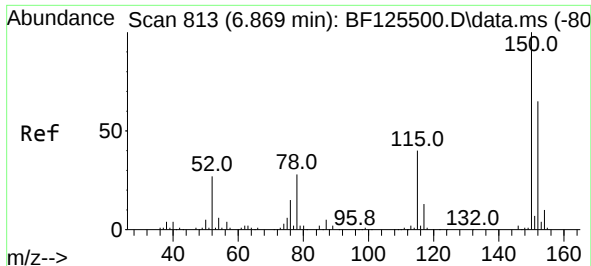
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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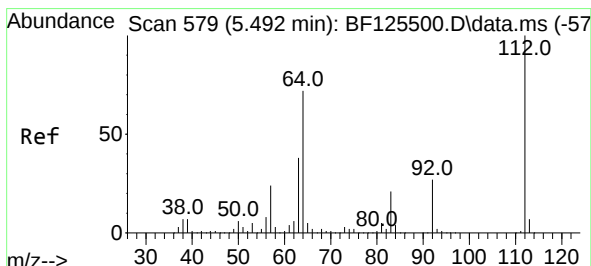
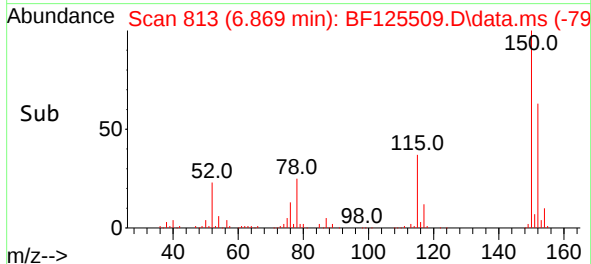
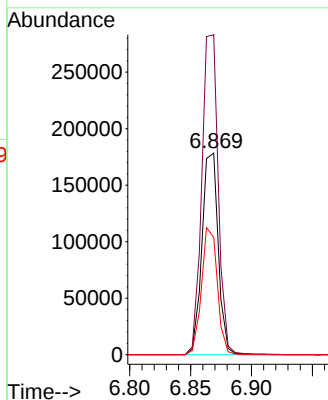
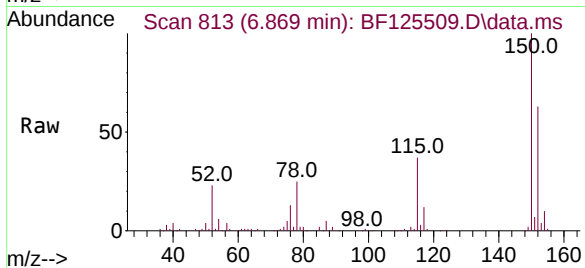




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125509.D
Acq: 15 Sep 2021 17:48

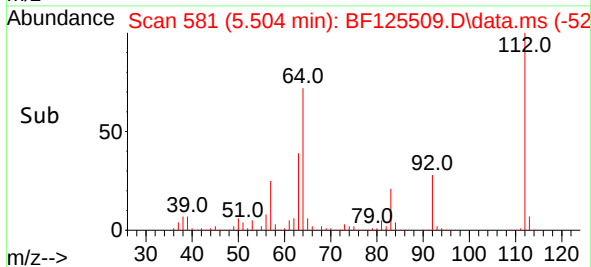
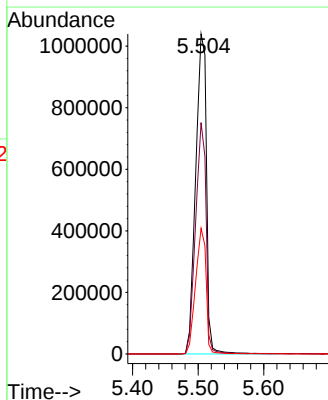
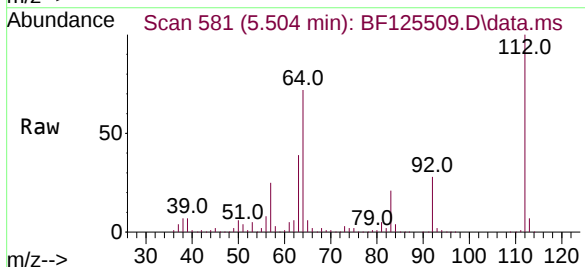
Instrument :
BNA_F
ClientSampleId :
PB139103TB

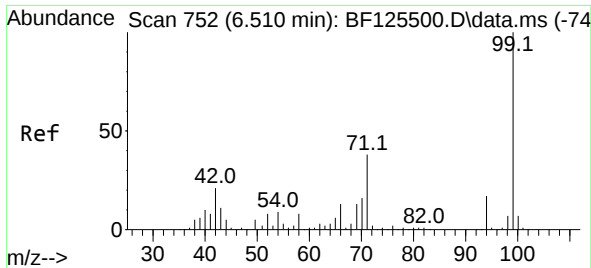
Tgt Ion:152 Resp: 165928
Ion Ratio Lower Upper
152 100
150 158.8 117.6 176.4
115 58.2 47.1 70.7



#5
2-Fluorophenol
Concen: 114.495 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF125509.D
Acq: 15 Sep 2021 17:48

Tgt Ion:112 Resp: 1195651
Ion Ratio Lower Upper
112 100
64 72.3 44.2 66.2#
63 39.2 26.2 39.2

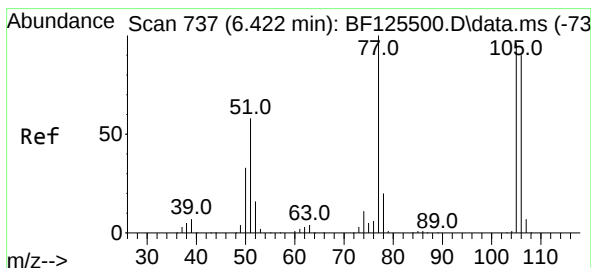
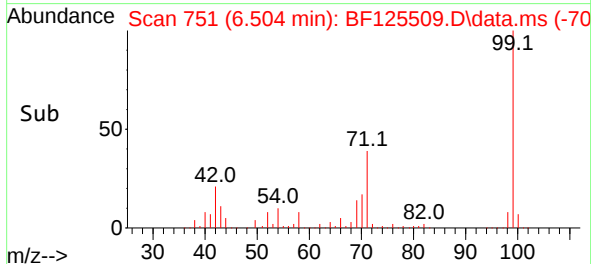
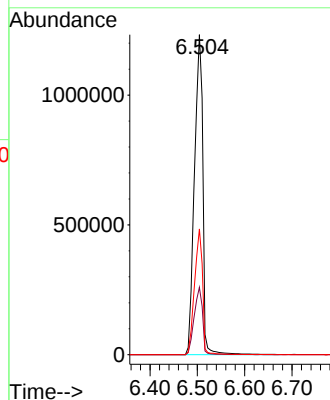
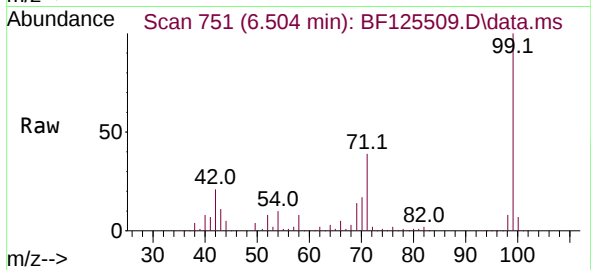




#7
Phenol-d6
Concen: 109.390 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125509.D
Acq: 15 Sep 2021 17:48

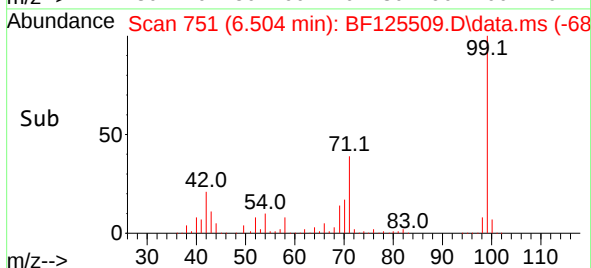
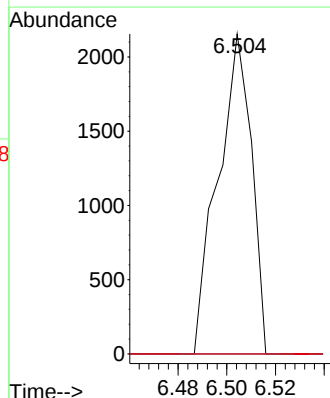
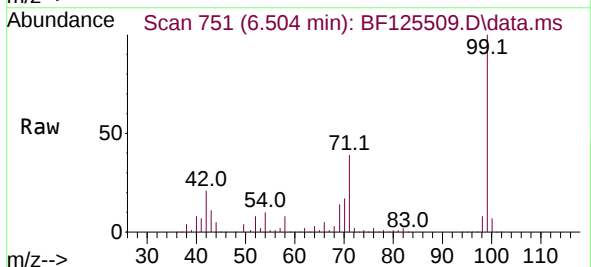
Instrument :
BNA_F
ClientSampleId :
PB139103TB

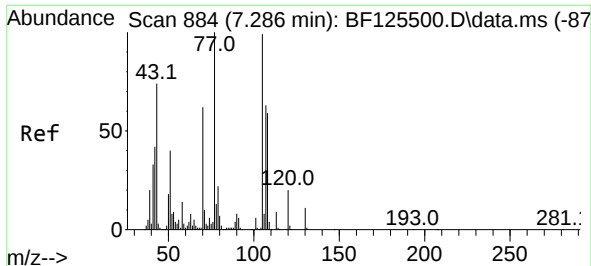
Tgt Ion: 99 Resp: 1518262
Ion Ratio Lower Upper
99 100
42 21.1 23.5 35.3#
71 39.3 25.6 38.4#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.082 min
Lab File: BF125509.D
Acq: 15 Sep 2021 17:48

Tgt Ion: 77 Resp: 2060
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



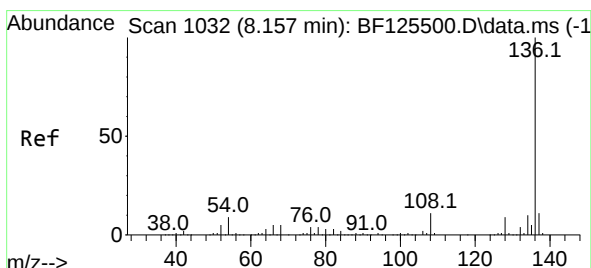
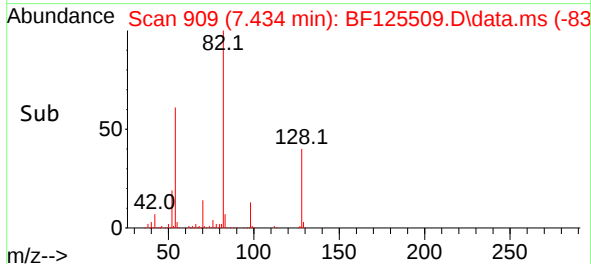
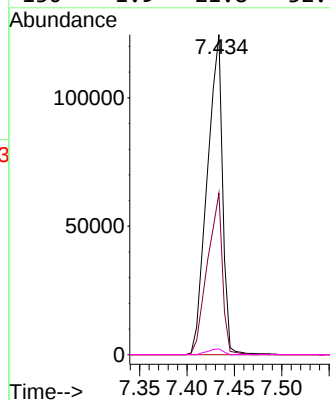
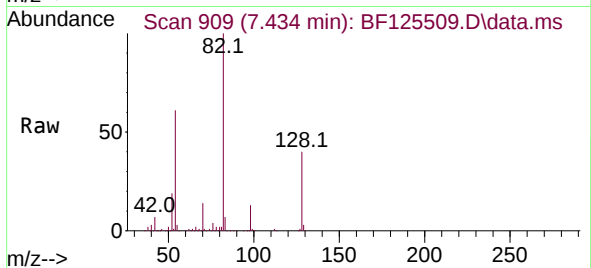


#19

n-Nitroso-di-n-propylamine
Concen: 16.781 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF125509.D
Acq: 15 Sep 2021 17:48

Instrument :
BNA_F
ClientSampleId :
PB139103TB

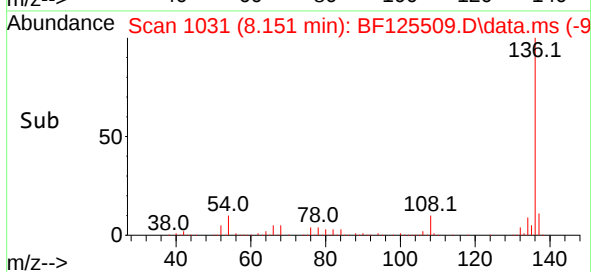
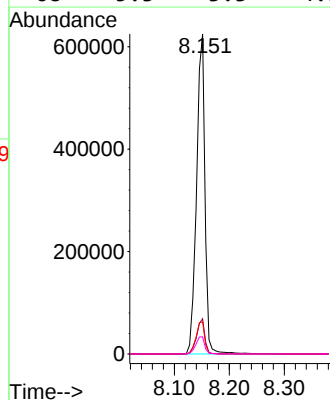
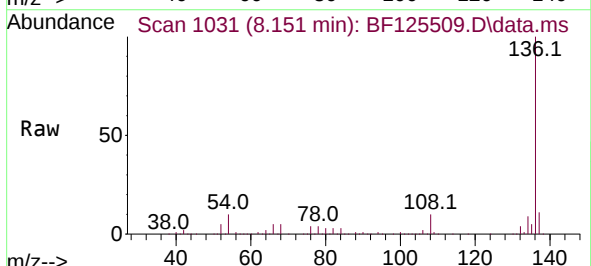
Tgt Ion: 70 Resp: 139981
Ion Ratio Lower Upper
70 100
42 50.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

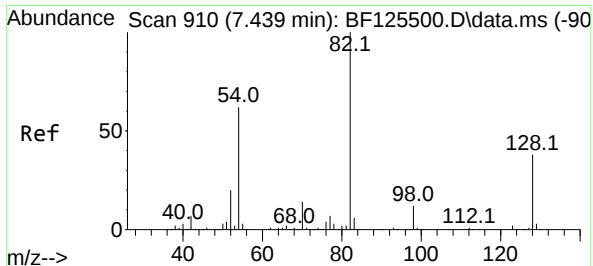


#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125509.D
Acq: 15 Sep 2021 17:48

Tgt Ion: 136 Resp: 663749
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 10.0 6.4 9.6#
68 5.3 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 77.054 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.005 min

Lab File: BF125509.D

Acq: 15 Sep 2021 17:48

Tgt Ion: 82 Resp: 1035855

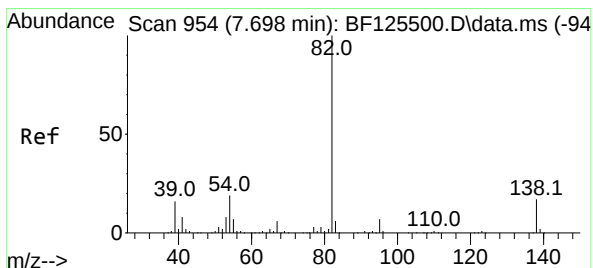
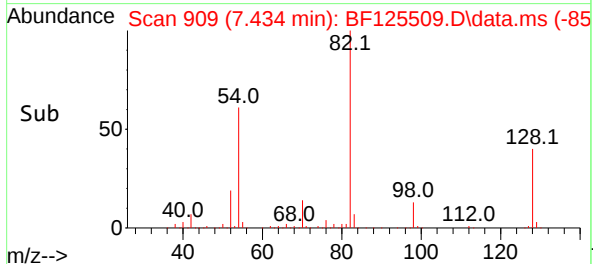
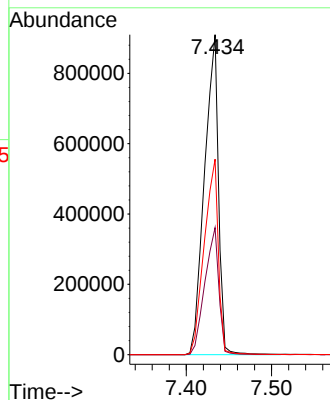
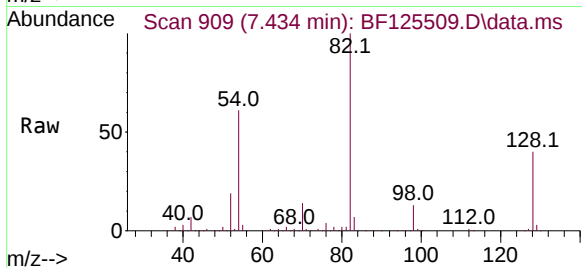
Ion	Ratio	Lower	Upper
82	100		
128	39.7	40.6	60.8#
54	61.1	49.6	74.4

Instrument :

BNA_F

ClientSampleId :

PB139103TB



#25

Isophorone

Concen: 40.064 ng

RT: 7.434 min Scan# 909

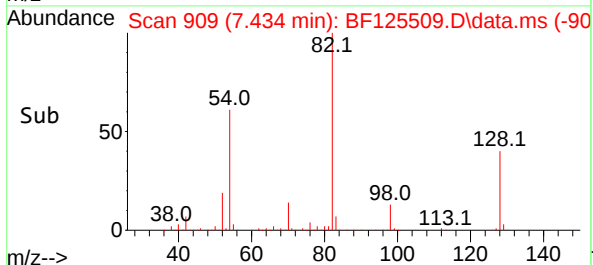
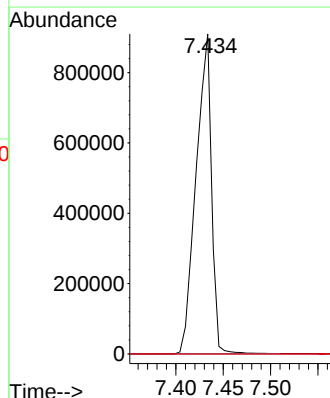
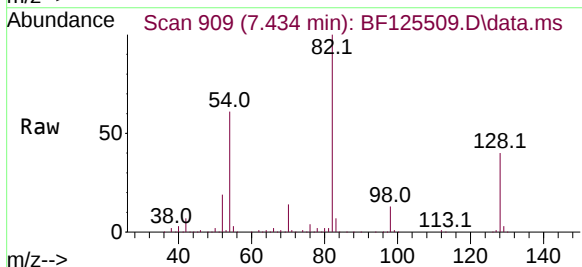
Delta R.T. -0.265 min

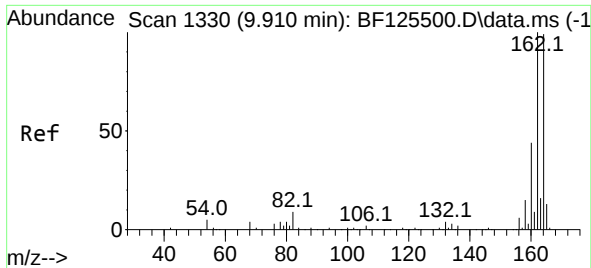
Lab File: BF125509.D

Acq: 15 Sep 2021 17:48

Tgt Ion: 82 Resp: 1027597

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

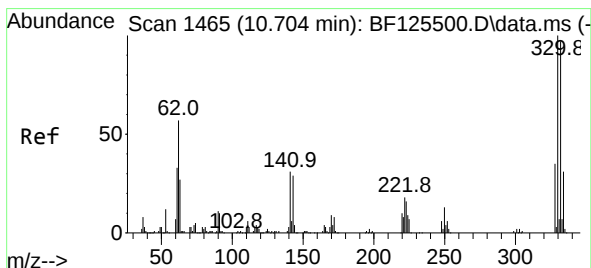
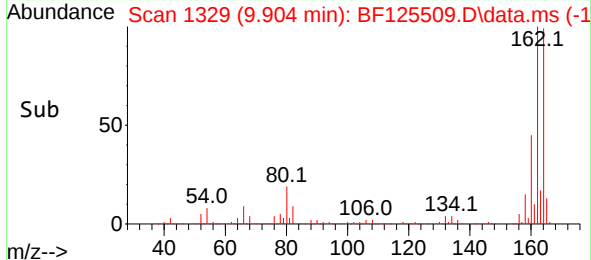
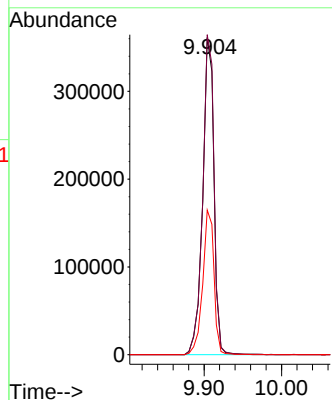
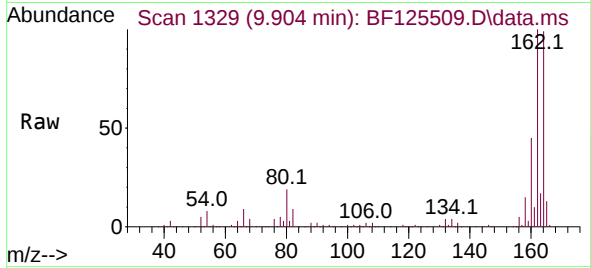




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125509.D
Acq: 15 Sep 2021 17:48

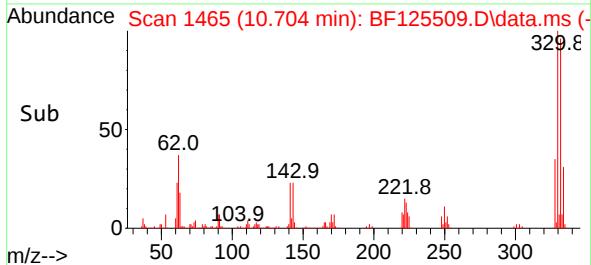
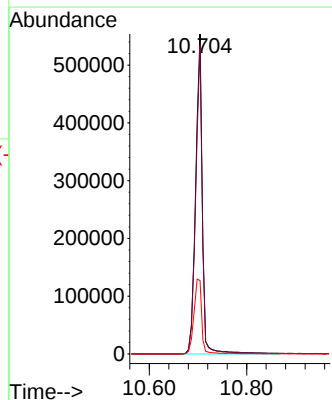
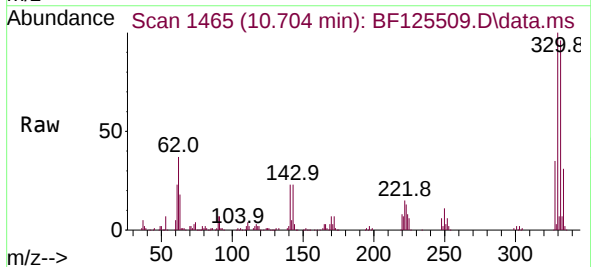
Instrument :
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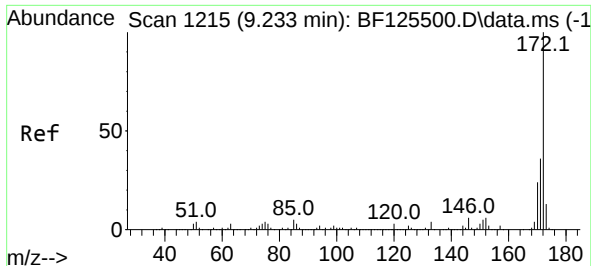
Tgt Ion:164 Resp: 364436
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 45.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 118.619 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF125509.D
Acq: 15 Sep 2021 17:48

Tgt Ion:330 Resp: 526503
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 27.1 44.6 66.8#

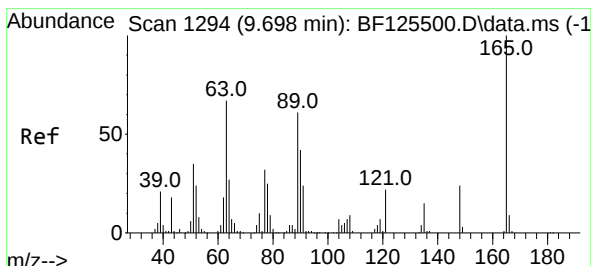
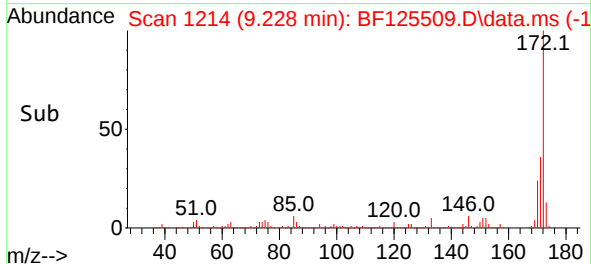
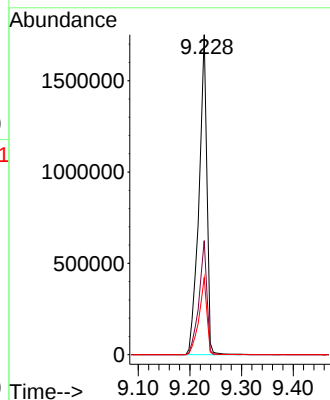
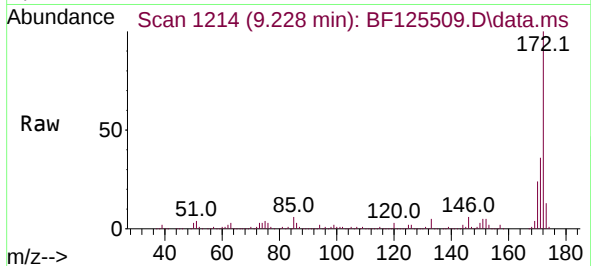




#45
2-Fluorobiphenyl
Concen: 75.804 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF125509.D
Acq: 15 Sep 2021 17:48

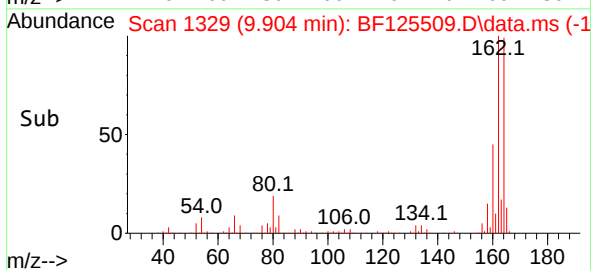
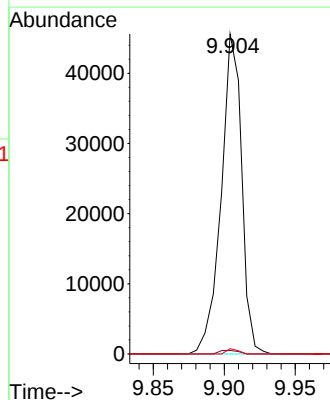
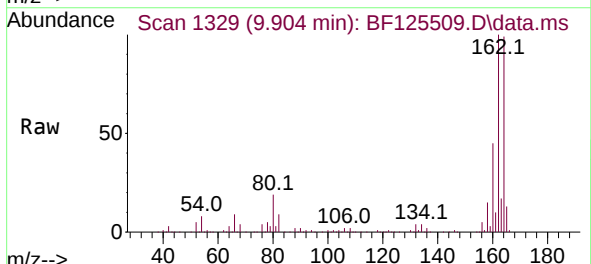
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PB139103TB

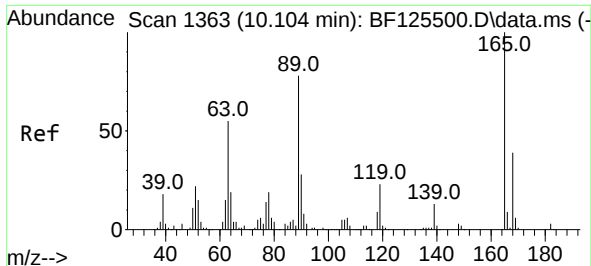
Tgt Ion:172 Resp: 1882665
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 24.0 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 7.823 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF125509.D
Acq: 15 Sep 2021 17:48

Tgt Ion:165 Resp: 45677
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.6 40.6 60.8#

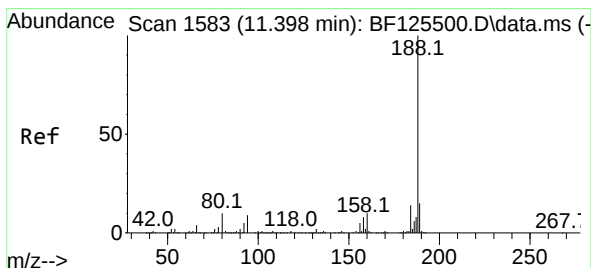
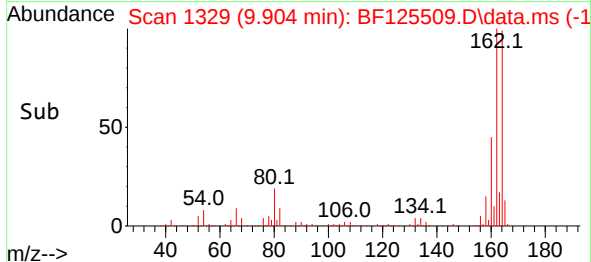
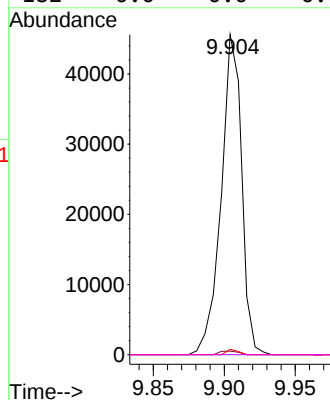
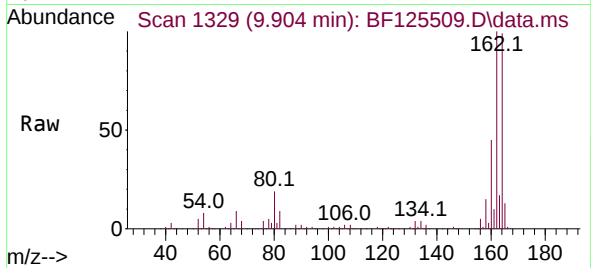




#57
2,4-Dinitrotoluene
Concen: 6.079 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF125509.D
Acq: 15 Sep 2021 17:48

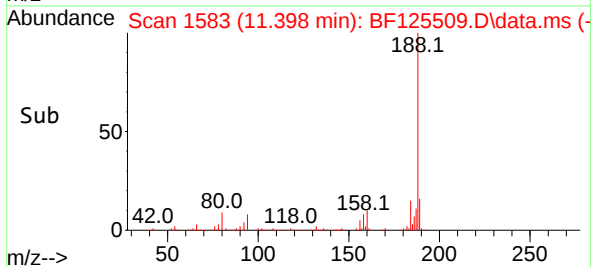
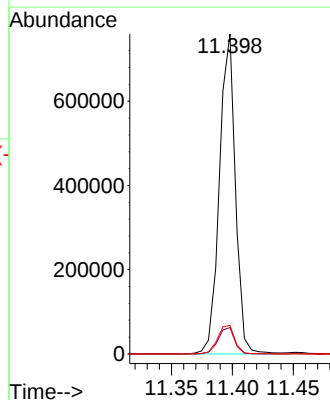
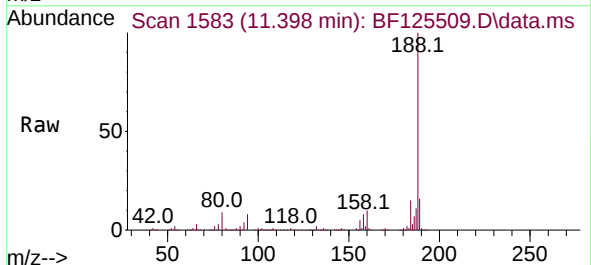
Instrument :
BNA_F
ClientSampleId :
PB139103TB

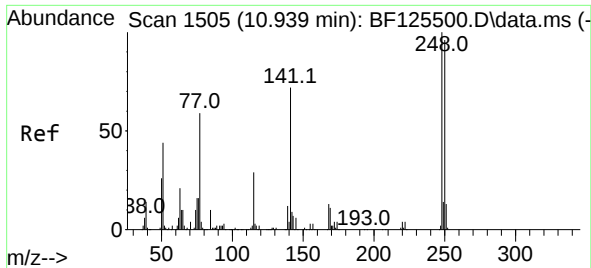
Tgt Ion:165	Resp:	45677
Ion Ratio	Lower	Upper
165	100	
63	1.1	40.9 61.3#
89	1.6	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125509.D
Acq: 15 Sep 2021 17:48

Tgt Ion:188	Resp:	697578
Ion Ratio	Lower	Upper
188	100	
94	8.2	6.7 10.1
80	9.0	7.5 11.3

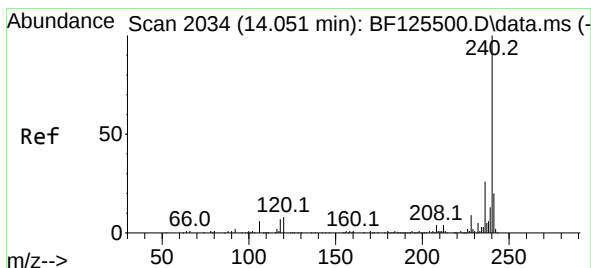
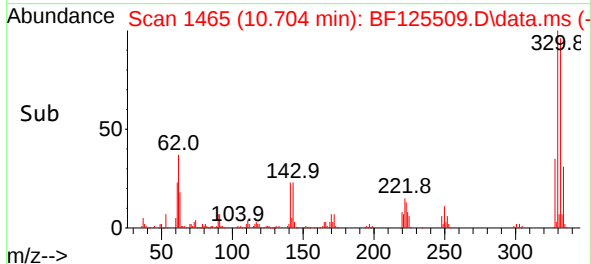
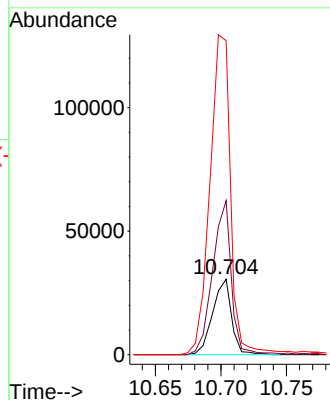
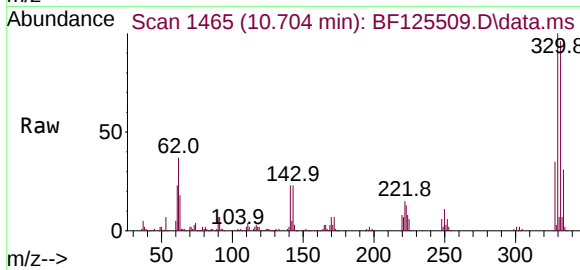




#67
4-Bromophenyl-phenylether
Concen: 3.623 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.235 min
Lab File: BF125509.D
Acq: 15 Sep 2021 17:48

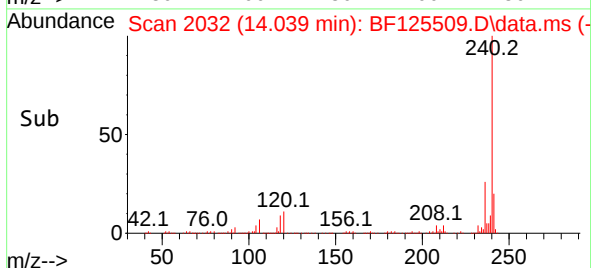
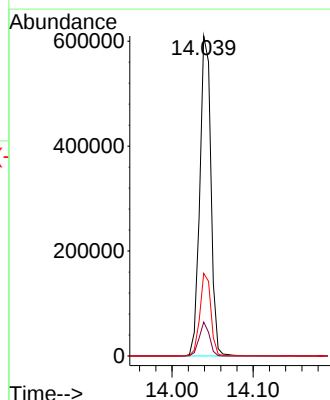
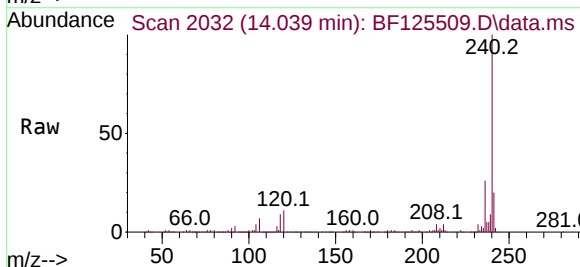
Instrument :
BNA_F
ClientSampleId :
PB139103TB

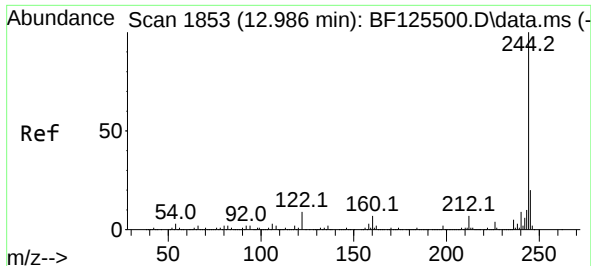
Tgt Ion:248 Resp: 30664
Ion Ratio Lower Upper
248 100
250 203.8 74.2 111.4#
141 415.5 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125509.D
Acq: 15 Sep 2021 17:48

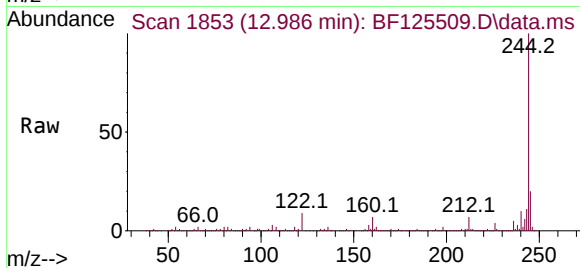
Tgt Ion:240 Resp: 580608
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 25.8 21.6 32.4





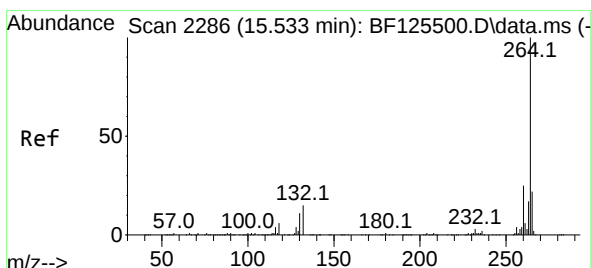
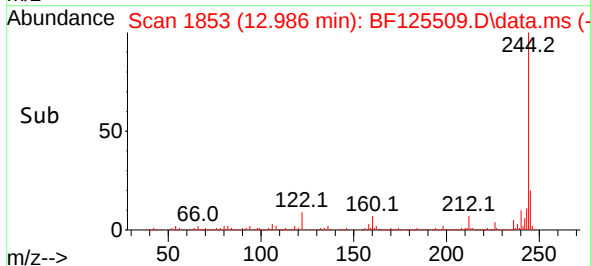
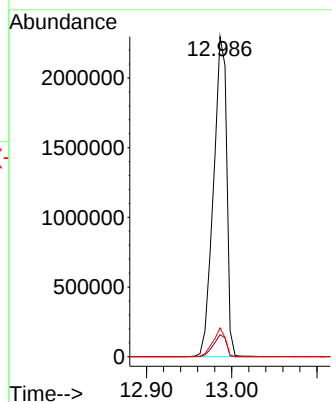
#79
 Terphenyl-d14
 Concen: 68.935 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: BF125509.D
 Acq: 15 Sep 2021 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB139103TB



Tgt Ion:244 Resp: 2468275

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.0	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: BF125509.D
 Acq: 15 Sep 2021 17:48

Tgt Ion:264 Resp: 502804

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.6	17.2	25.8

