

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
 Data File : BF125747.D
 Acq On : 1 Oct 2021 12:06
 Operator : JU/CG
 Sample : PB139485BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139485BL

Quant Time: Oct 01 13:50:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

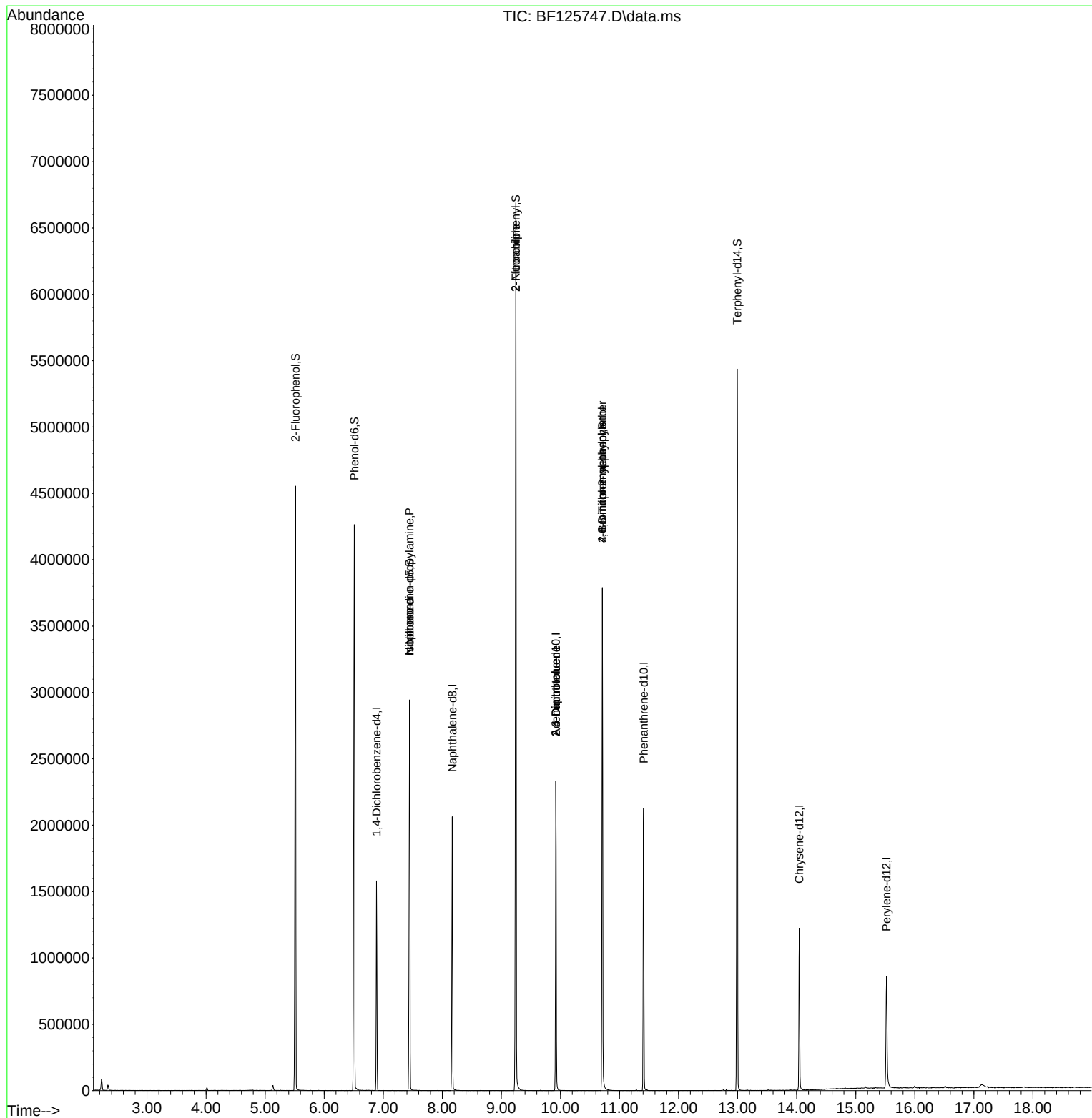
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	232748	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	958845	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	498230	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	805680	20.000	ng	0.00
76) Chrysene-d12	14.045	240	427646	20.000	ng	0.00
86) Perylene-d12	15.521	264	423412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1473045	104.273	ng	0.01
7) Phenol-d6	6.510	99	1935838	101.927	ng	0.00
23) Nitrobenzene-d5	7.445	82	1139087	82.862	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	523548	112.704	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2245741	80.242	ng	0.00
79) Terphenyl-d14	12.992	244	2044279	82.783	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	2652	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	141445	13.080	ng	# 50
25) Isophorone	7.445	82	1139256	37.005	ng	# 59
48) 2-Nitroaniline	9.245	65	2970	4.535	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	63573	12.617	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	63574	11.511	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	946	9.209	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	29208	3.454	ng	# 1

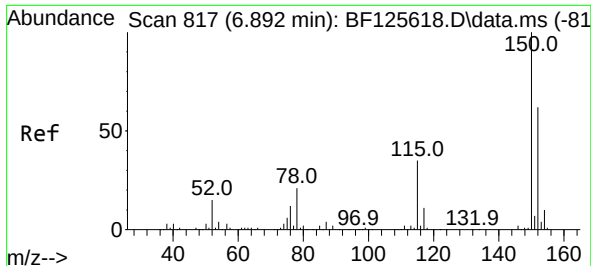
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125747.D
Acq On : 1 Oct 2021 12:06
Operator : JU/CG
Sample : PB139485BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139485BL

Quant Time: Oct 01 13:50:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

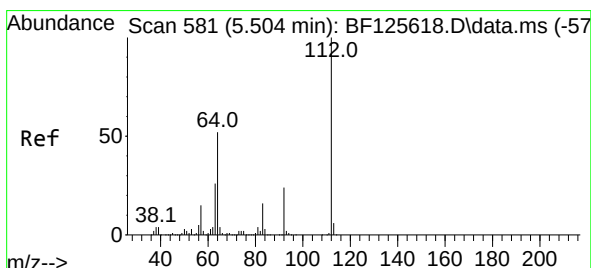
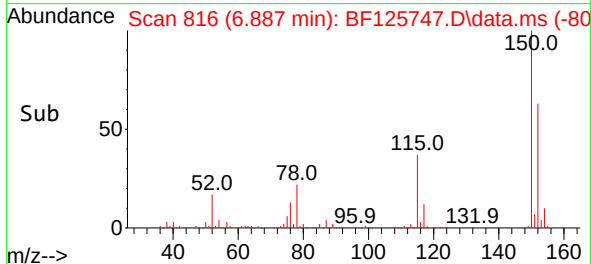
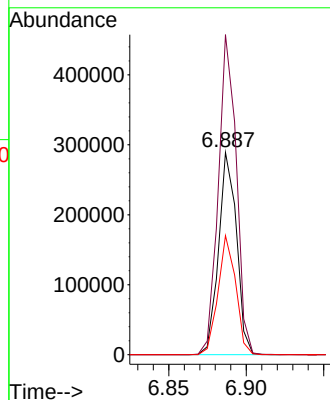
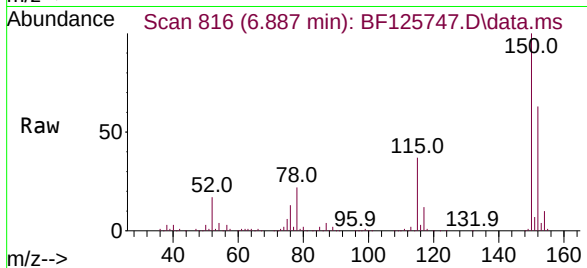




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

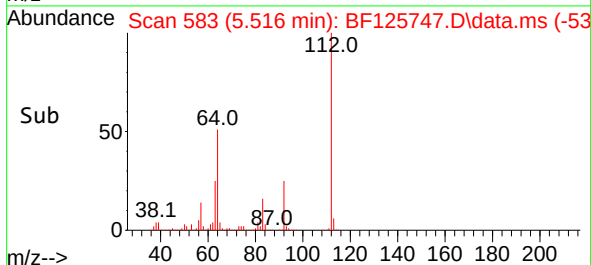
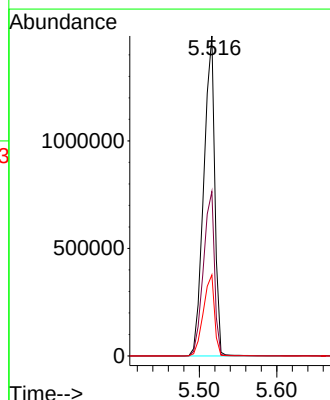
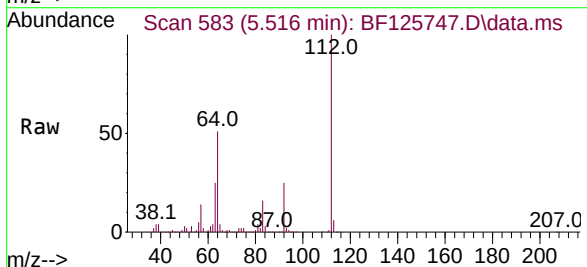
Instrument :
BNA_F
ClientSampleId :
PB139485BL

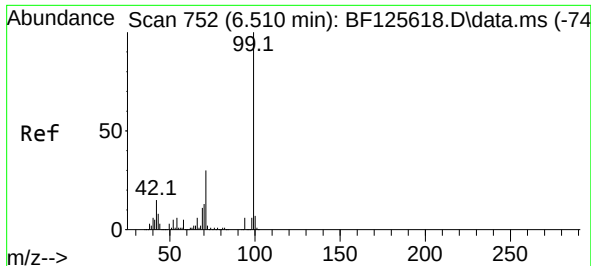
Tgt Ion:152 Resp: 232748
Ion Ratio Lower Upper
152 100
150 158.2 117.6 176.4
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 104.273 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

Tgt Ion:112 Resp: 1473045
Ion Ratio Lower Upper
112 100
64 51.4 44.2 66.2
63 25.4 26.2 39.2#

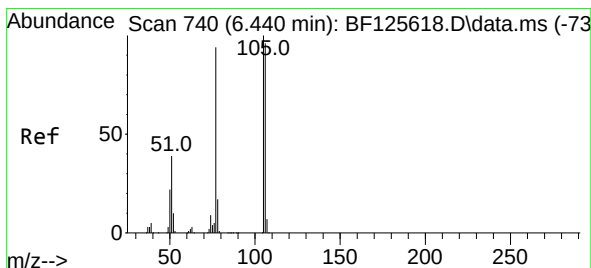
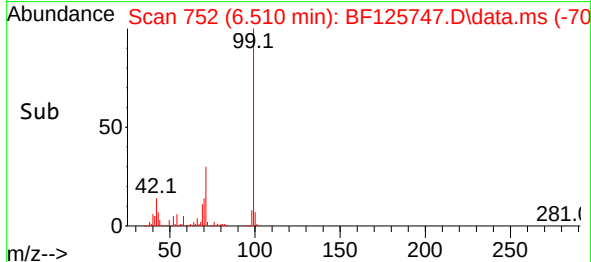
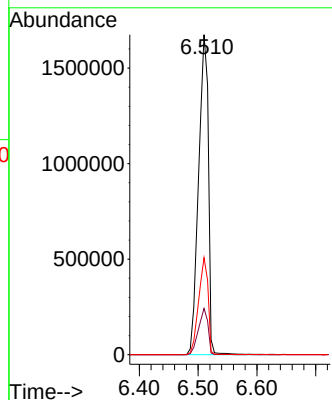
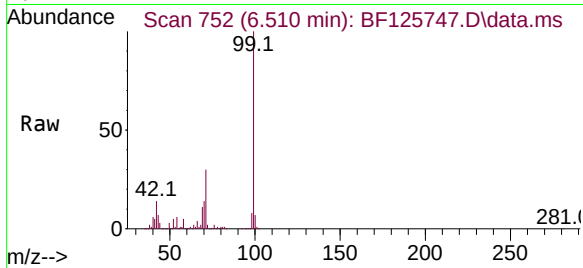




#7
Phenol-d6
Concen: 101.927 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

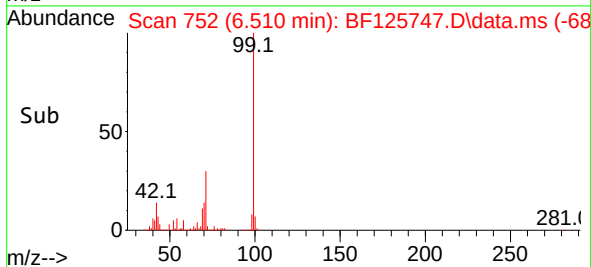
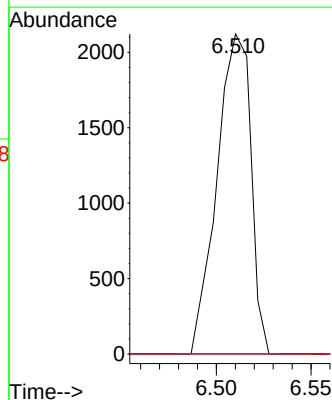
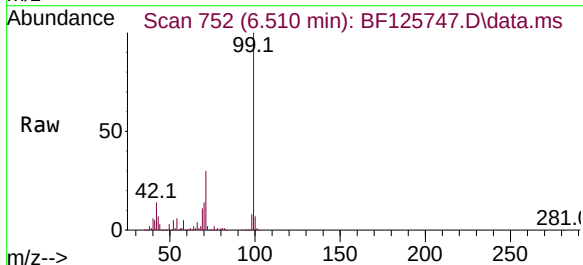
Instrument :
BNA_F
ClientSampleId :
PB139485BL

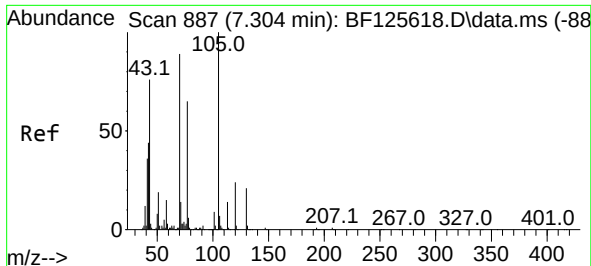
Tgt Ion: 99 Resp: 1935838
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 30.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

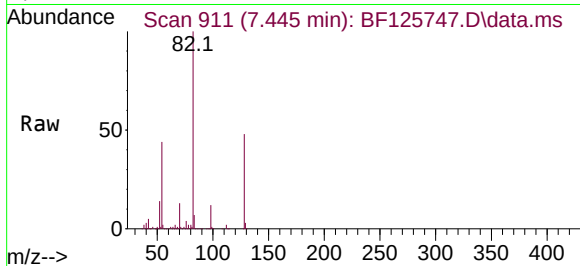
Tgt Ion: 77 Resp: 2652
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



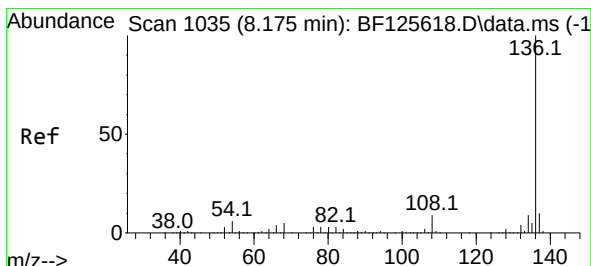
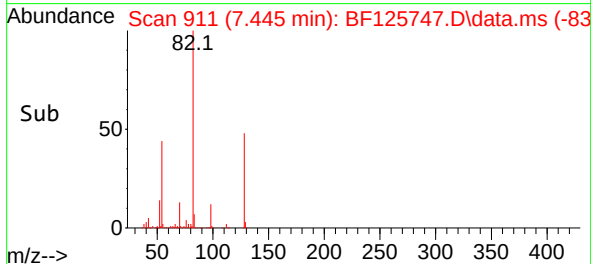
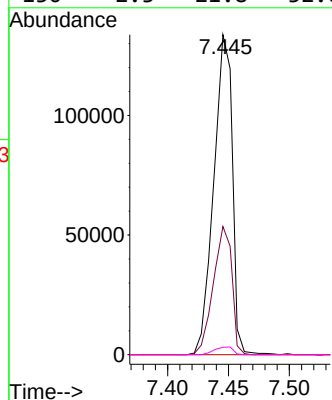


#19
n-Nitroso-di-n-propylamine
Concen: 13.080 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

Instrument :
BNA_F
ClientSampleId :
PB139485BL

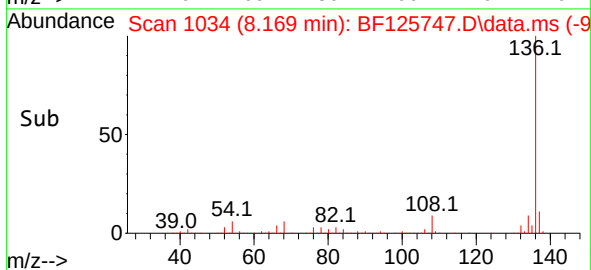
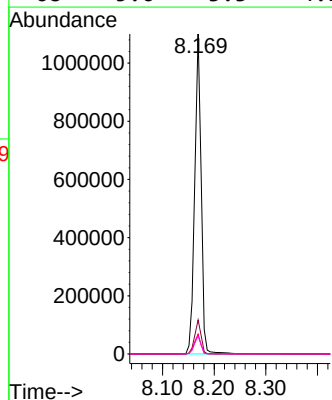
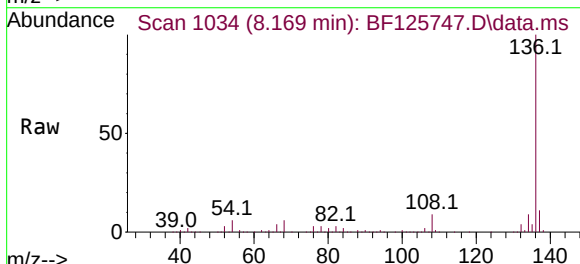


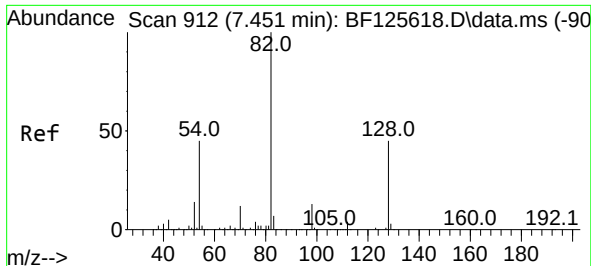
Tgt Ion: 70 Resp: 141445
Ion Ratio Lower Upper
70 100
42 40.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

Tgt Ion: 136 Resp: 958845
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.2 6.4 9.6#
68 5.6 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 82.862 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125747.D

Acq: 1 Oct 2021 12:06

Instrument :

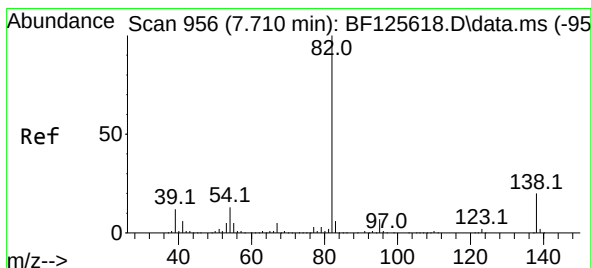
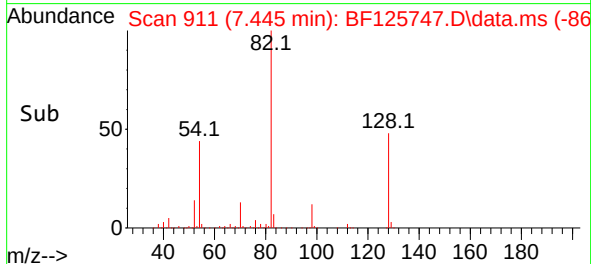
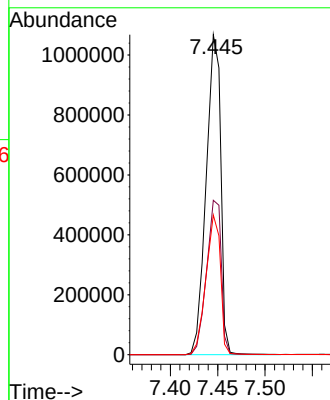
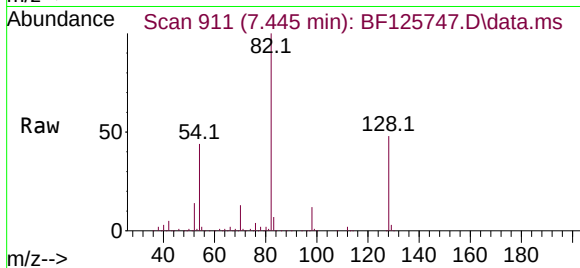
BNA_F

ClientSampleId :

PB139485BL

Tgt Ion: 82 Resp: 1139087

Ion	Ratio	Lower	Upper
82	100		
128	48.2	40.6	60.8
54	43.7	49.6	74.4#



#25

Isophorone

Concen: 37.005 ng

RT: 7.445 min Scan# 911

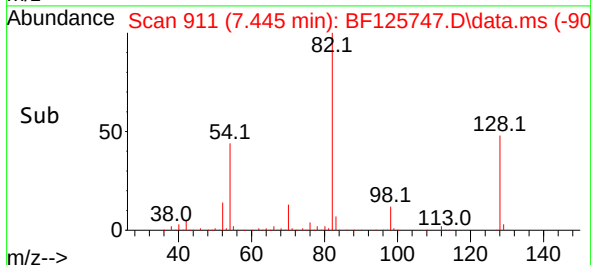
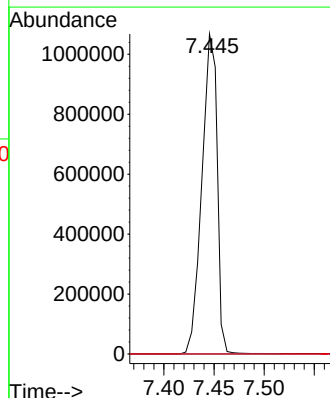
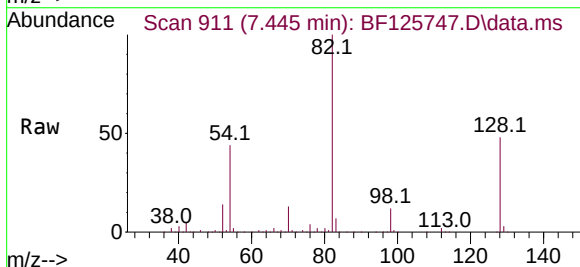
Delta R.T. -0.265 min

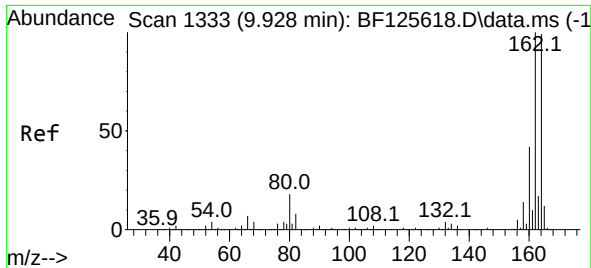
Lab File: BF125747.D

Acq: 1 Oct 2021 12:06

Tgt Ion: 82 Resp: 1139256

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

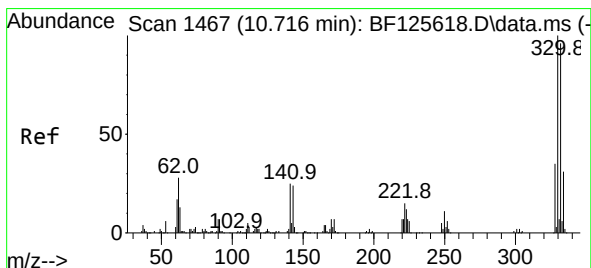
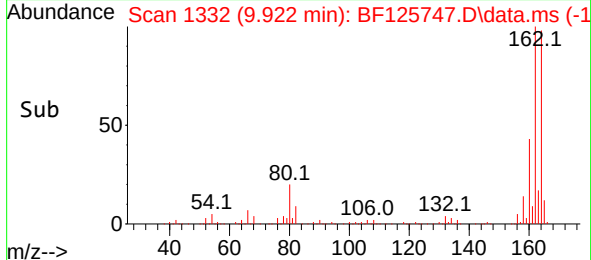
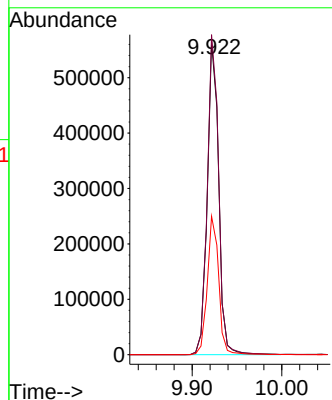
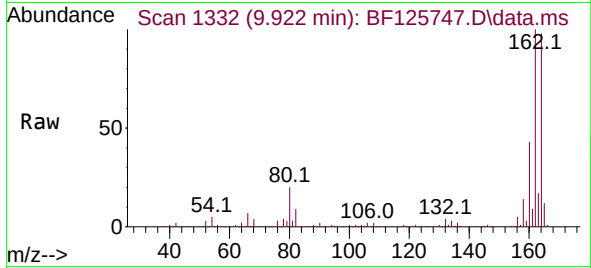




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

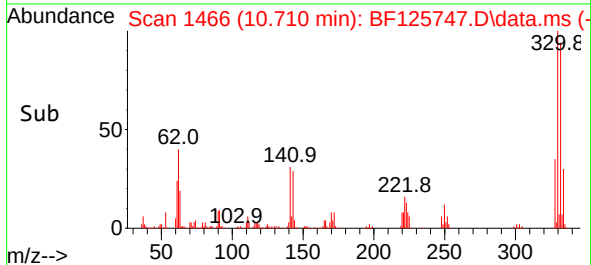
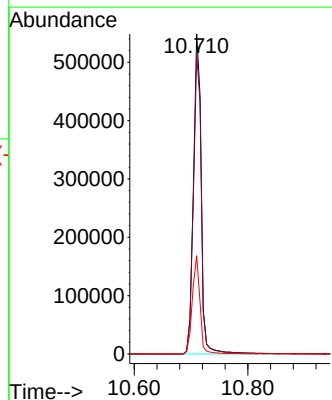
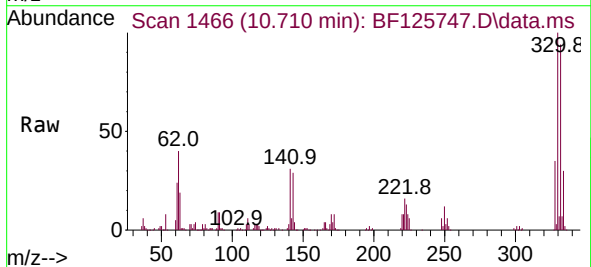
Instrument :
BNA_F
ClientSampleId :
PB139485BL

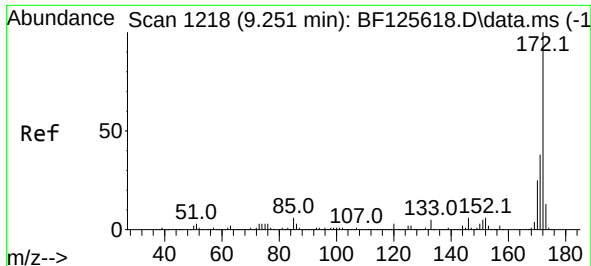
Tgt Ion:164 Resp: 498230
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 44.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 112.704 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

Tgt Ion:330 Resp: 523548
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 30.3 44.6 66.8#

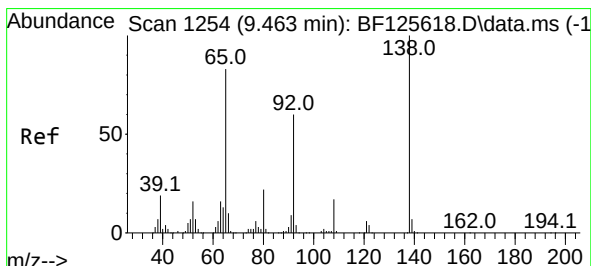
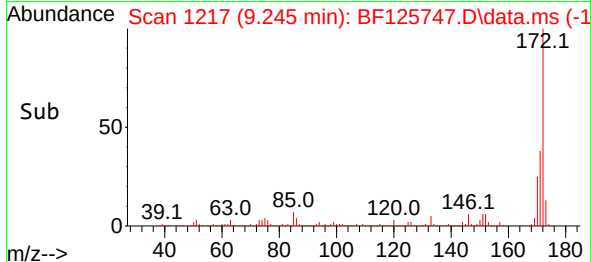
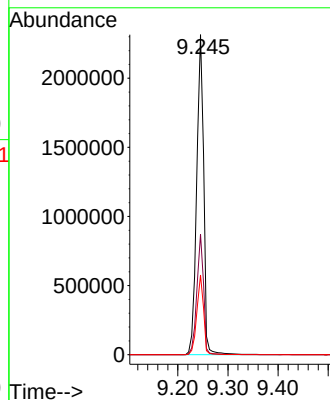
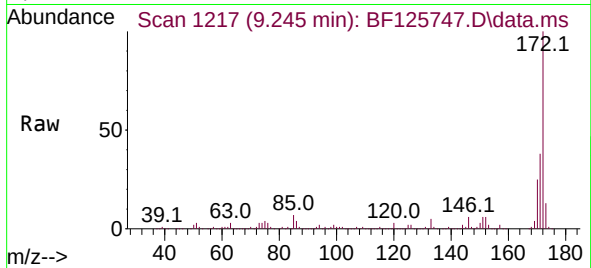




#45
2-Fluorobiphenyl
Concen: 80.242 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

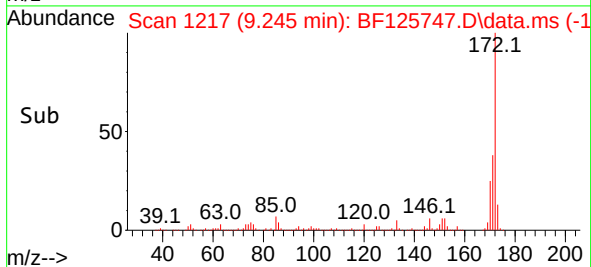
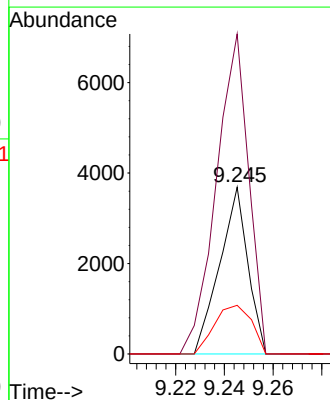
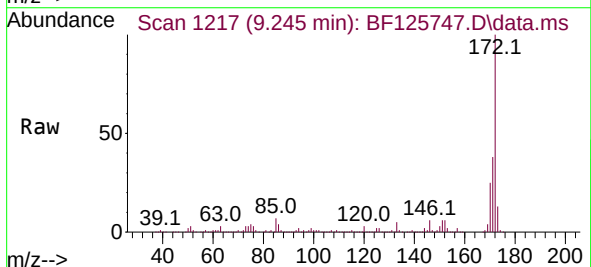
Instrument :
BNA_F
ClientSampleId :
PB139485BL

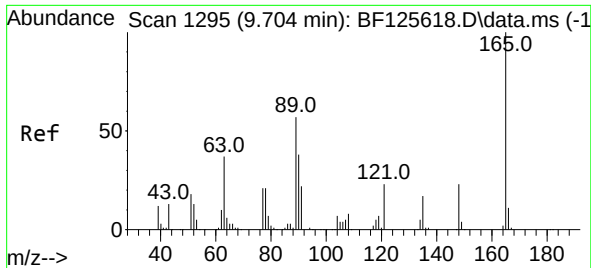
Tgt Ion:172 Resp: 2245741
Ion Ratio Lower Upper
172 100
171 37.7 26.5 39.7
170 24.9 18.8 28.2



#48
2-Nitroaniline
Concen: 4.535 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

Tgt Ion: 65 Resp: 2970
Ion Ratio Lower Upper
65 100
92 191.9 55.5 83.3#
138 29.1 93.5 140.3#

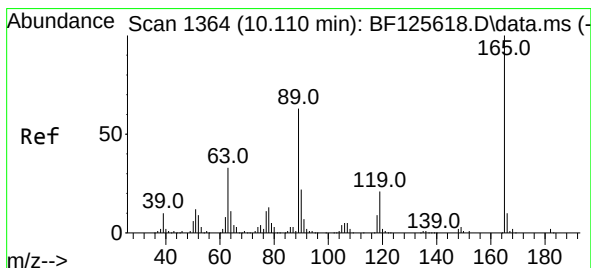
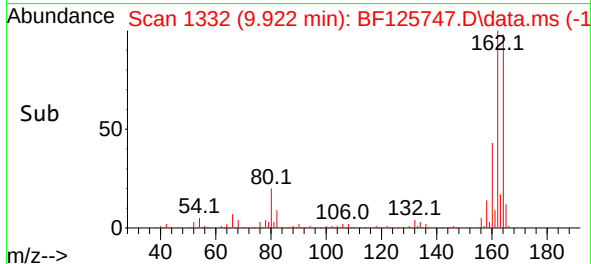
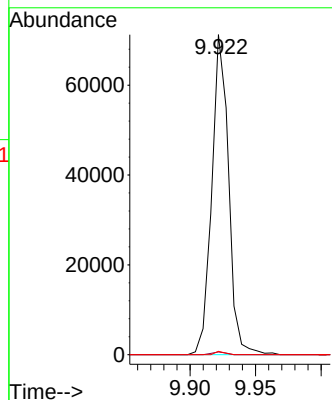
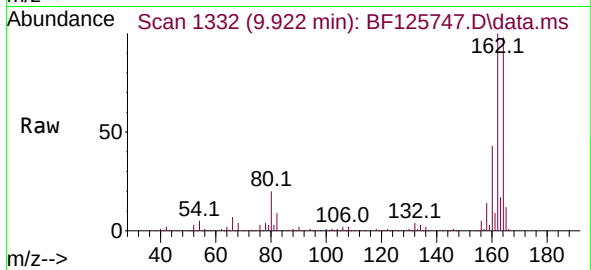




#51
2,6-Dinitrotoluene
Concen: 12.617 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

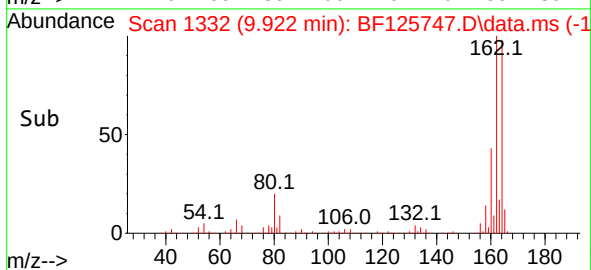
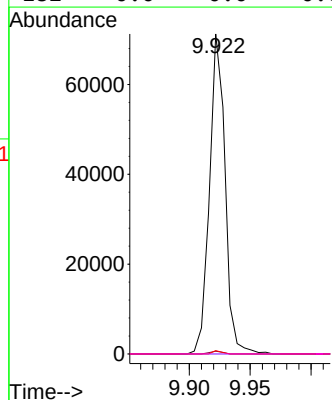
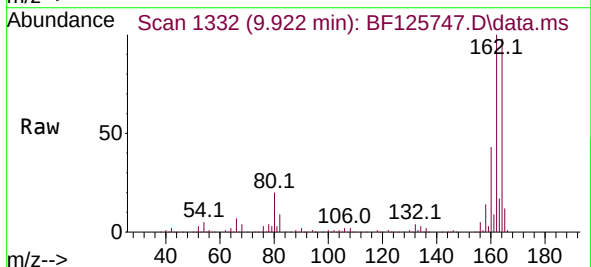
Instrument :
BNA_F
ClientSampleId :
PB139485BL

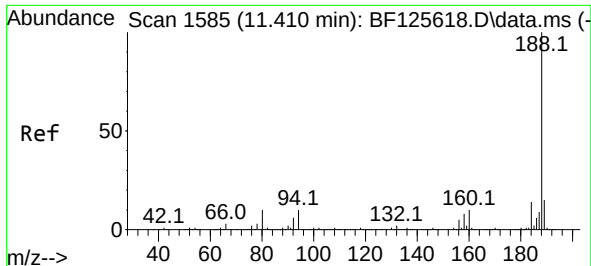
Tgt Ion:165 Resp: 63573
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.511 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

Tgt Ion:165 Resp: 63574
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

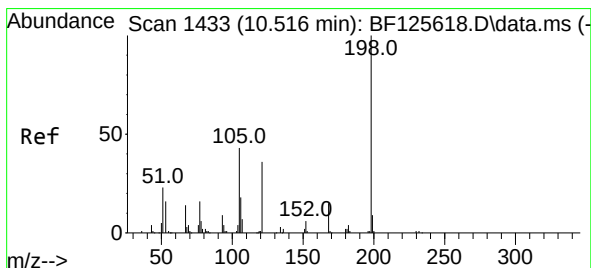
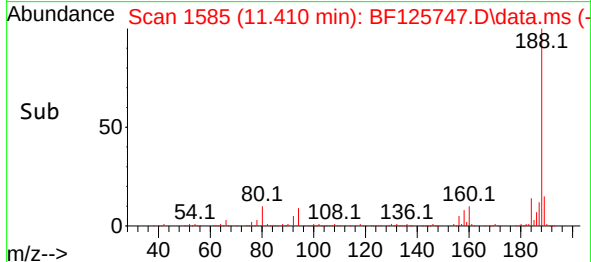
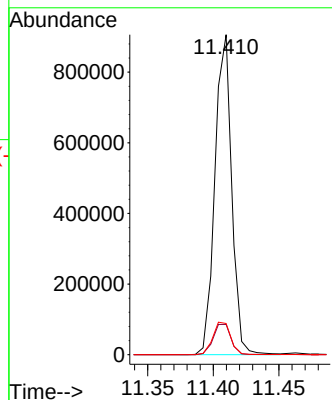
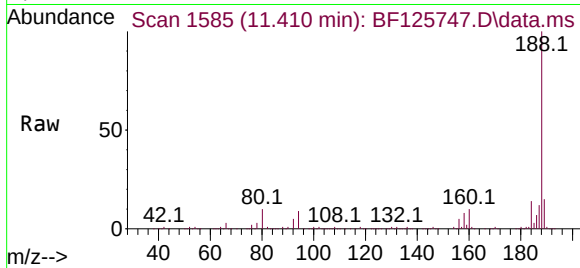




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

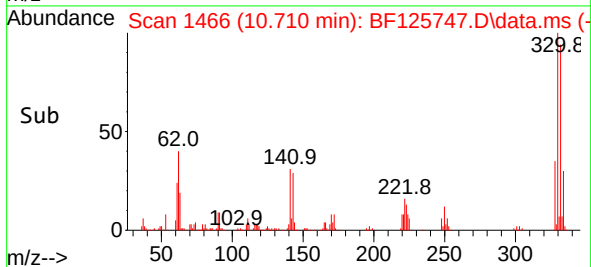
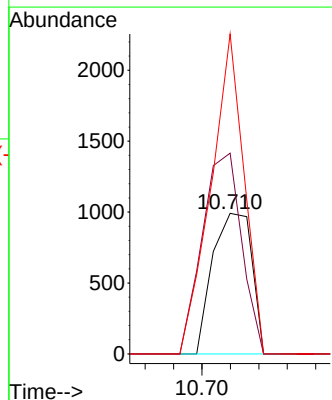
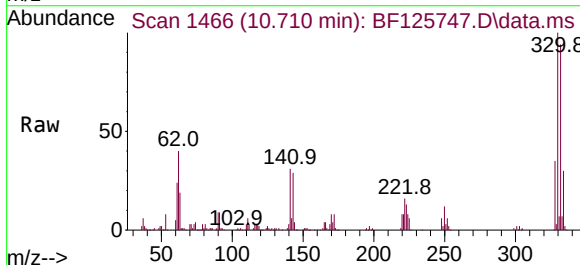
Instrument :
BNA_F
ClientSampleId :
PB139485BL

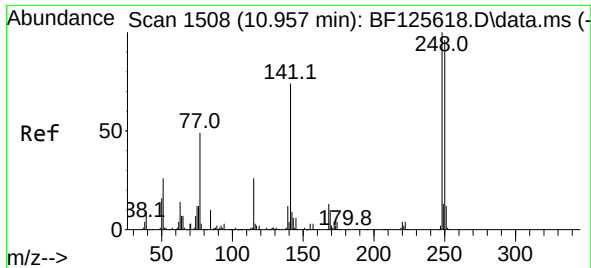
Tgt Ion:188 Resp: 805680
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 9.8 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.209 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

Tgt Ion:198 Resp: 946
Ion Ratio Lower Upper
198 100
51 142.8 45.3 85.3#
105 227.6 30.6 70.6#

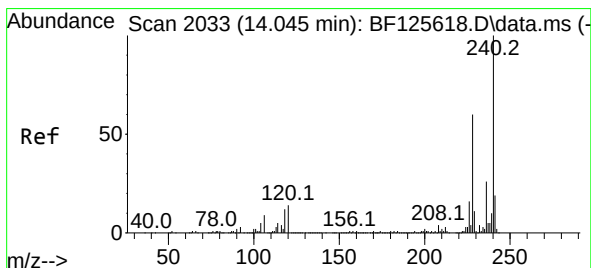
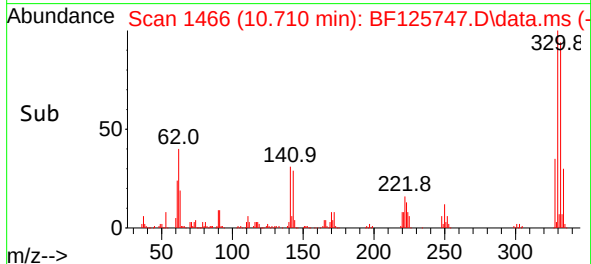
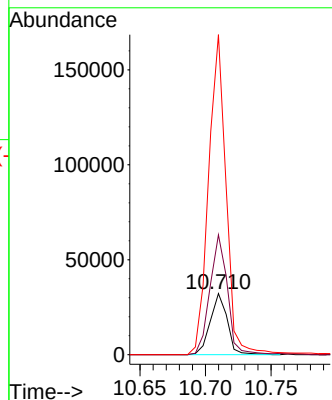
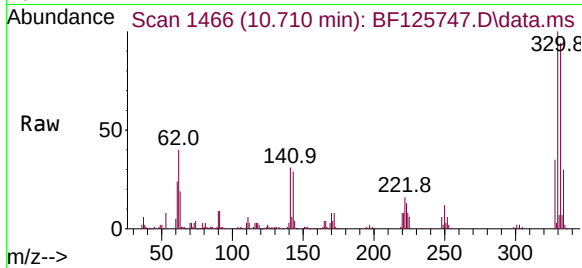




#67
4-Bromophenyl-phenylether
Concen: 3.454 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

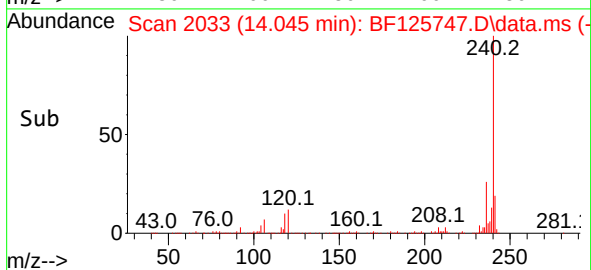
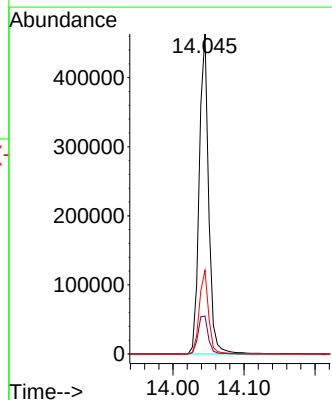
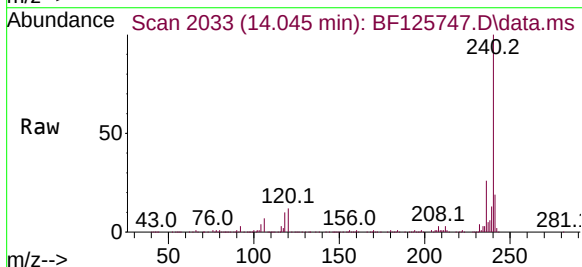
Instrument :
BNA_F
ClientSampleId :
PB139485BL

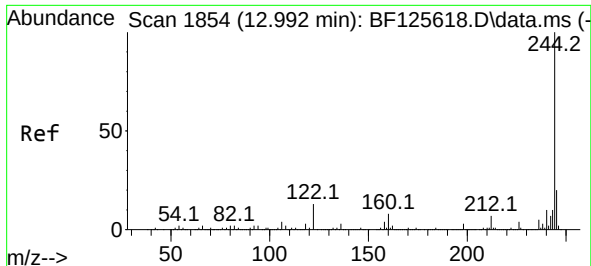
Tgt Ion:248 Resp: 29208
Ion Ratio Lower Upper
248 100
250 196.3 74.2 111.4#
141 523.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

Tgt Ion:240 Resp: 427646
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 26.2 21.6 32.4

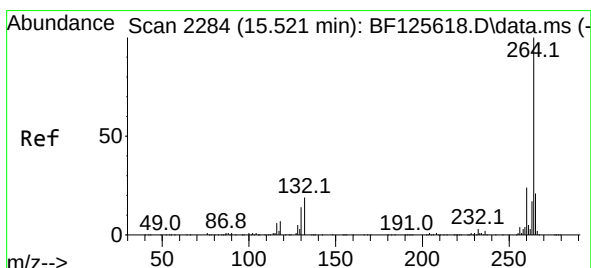
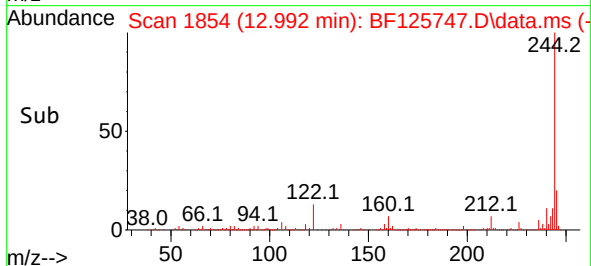
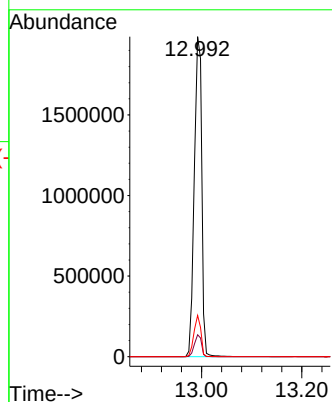
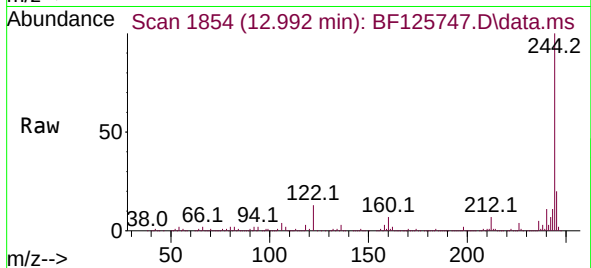




#79
Terphenyl-d14
Concen: 82.783 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

Instrument :
BNA_F
ClientSampleId :
PB139485BL

Tgt Ion:244 Resp: 2044279
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 12.9 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF125747.D
Acq: 1 Oct 2021 12:06

Tgt Ion:264 Resp: 423412
Ion Ratio Lower Upper
264 100
260 23.3 19.6 29.4
265 21.1 17.2 25.8

