

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
 Data File : BF125749.D
 Acq On : 1 Oct 2021 13:09
 Operator : JU/CG
 Sample : PB139528BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139528BL

Quant Time: Oct 01 13:51:47 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)

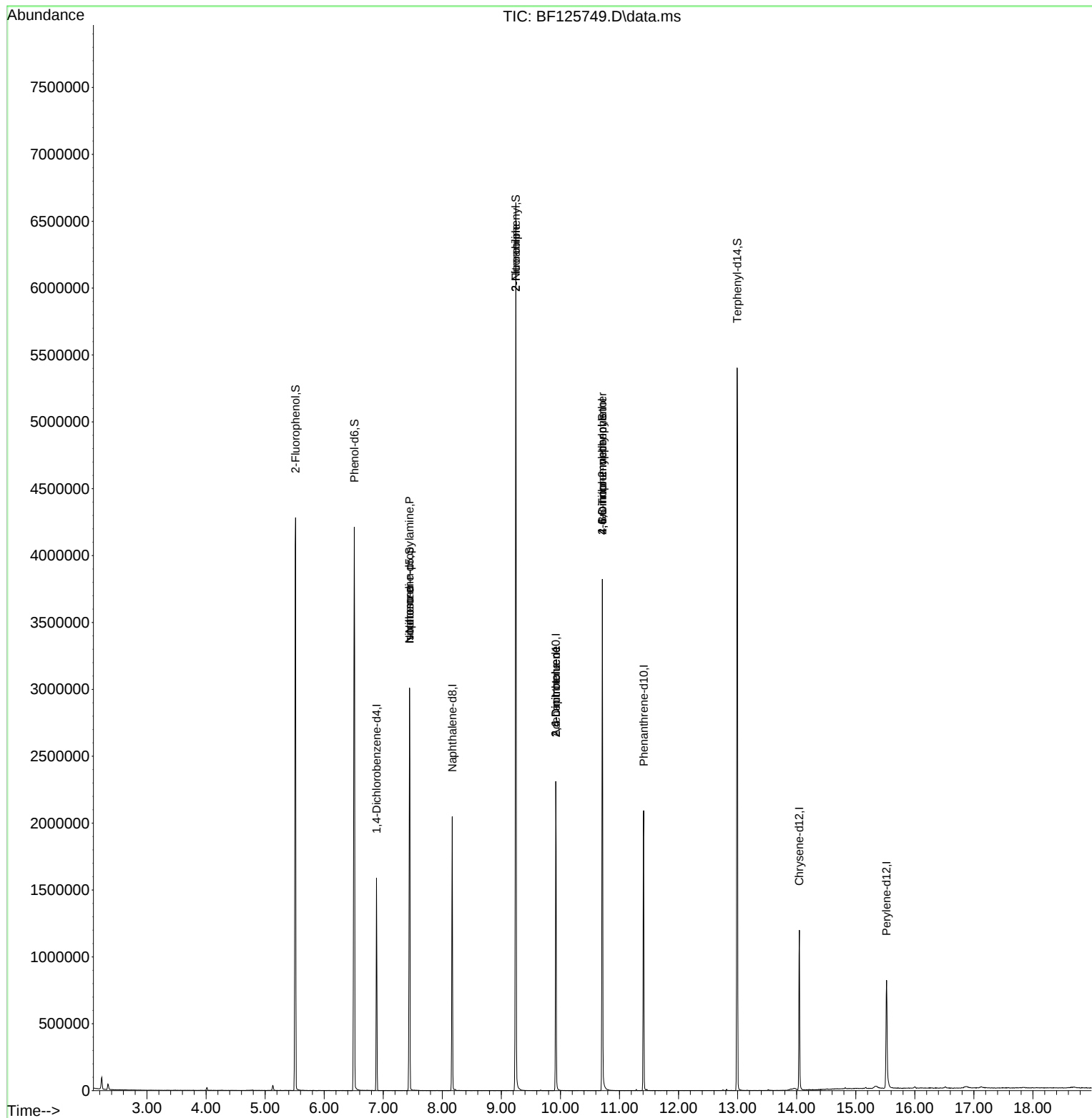
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	229946	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	951248	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	500613	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	800901	20.000	ng	0.00
76) Chrysene-d12	14.045	240	431829	20.000	ng	0.00
86) Perylene-d12	15.521	264	430199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1455280	104.271	ng	0.01
7) Phenol-d6	6.510	99	1925710	102.630	ng	0.00
23) Nitrobenzene-d5	7.445	82	1122589	82.314	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	522217	111.882	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2227014	78.987	ng	0.00
79) Terphenyl-d14	12.992	244	1990422	79.822	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	2498	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	140598	13.161	ng	# 51
25) Isophorone	7.445	82	1122579	36.754	ng	# 59
48) 2-Nitroaniline	9.245	65	2779	4.509	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	61707	12.328	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	61696	11.282	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	946	9.210	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	28562	3.398	ng	# 1

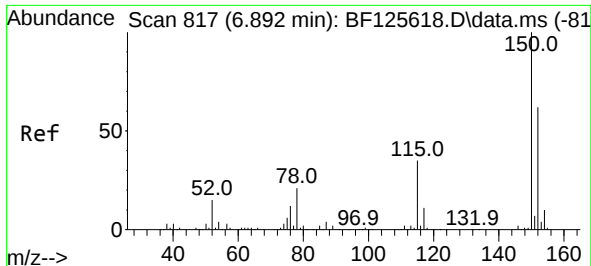
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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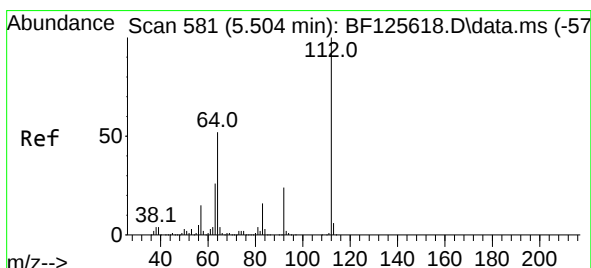
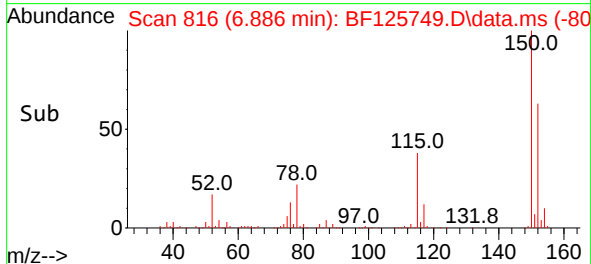
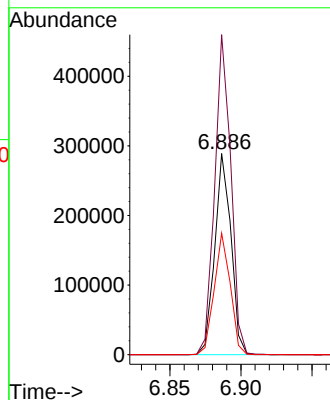
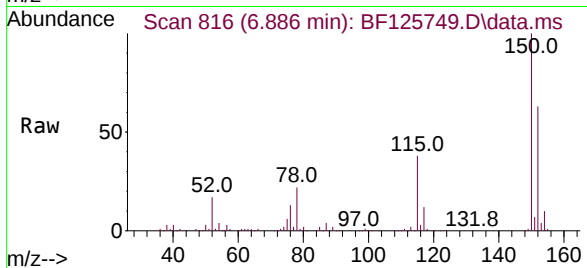




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

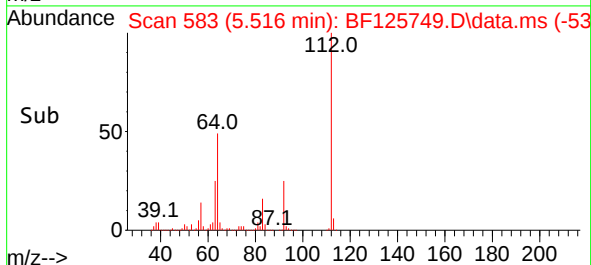
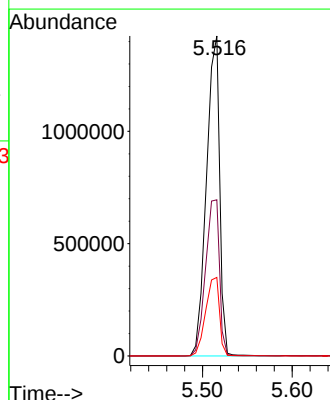
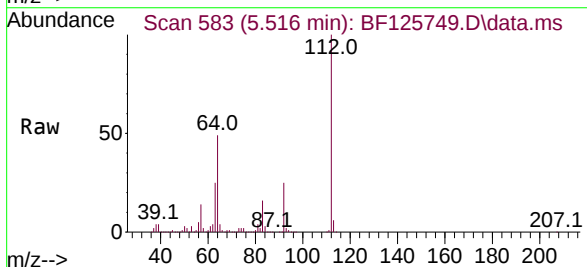
Instrument :
BNA_F
ClientSampleId :
PB139528BL

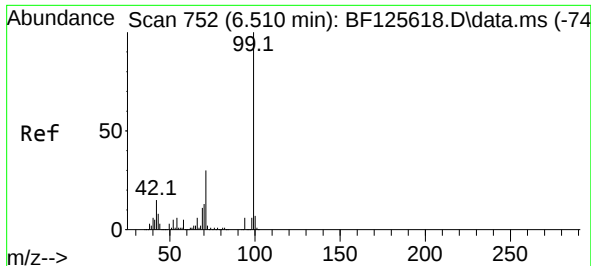
Tgt Ion:152 Resp: 229946
Ion Ratio Lower Upper
152 100
150 159.1 117.6 176.4
115 60.4 47.1 70.7



#5
2-Fluorophenol
Concen: 104.271 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

Tgt Ion:112 Resp: 1455280
Ion Ratio Lower Upper
112 100
64 48.8 44.2 66.2
63 24.5 26.2 39.2#

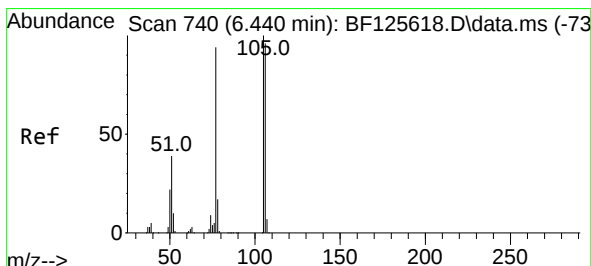
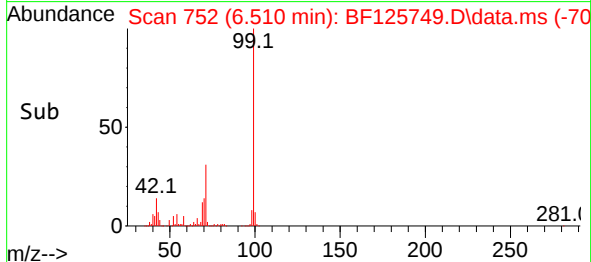
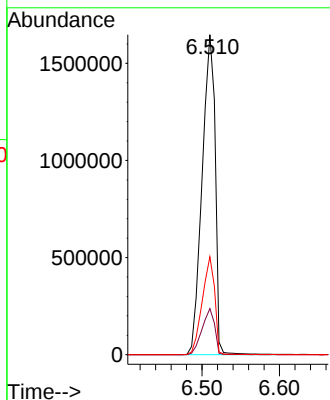
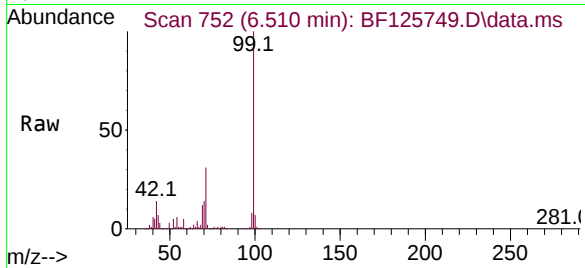




#7
Phenol-d6
Concen: 102.630 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

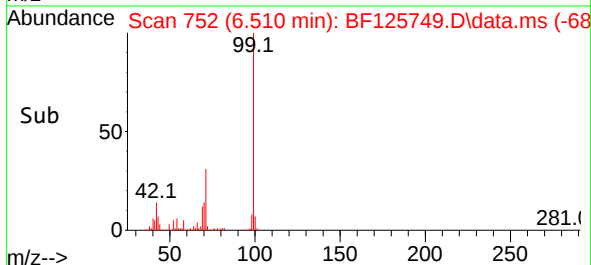
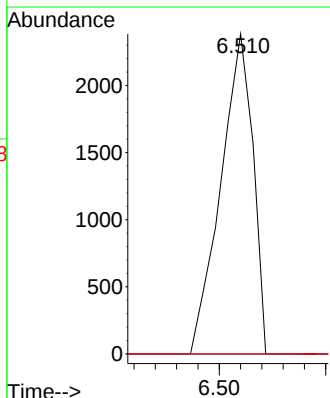
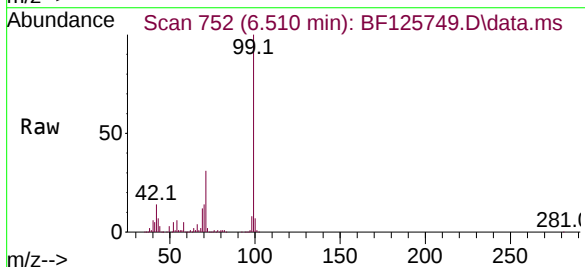
Instrument :
BNA_F
ClientSampleId :
PB139528BL

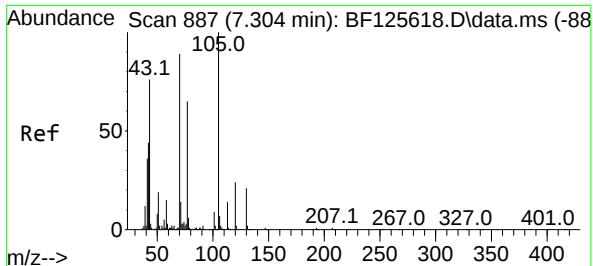
Tgt Ion: 99 Resp: 1925710
Ion Ratio Lower Upper
99 100
42 14.4 23.5 35.3#
71 30.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

Tgt Ion: 77 Resp: 2498
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



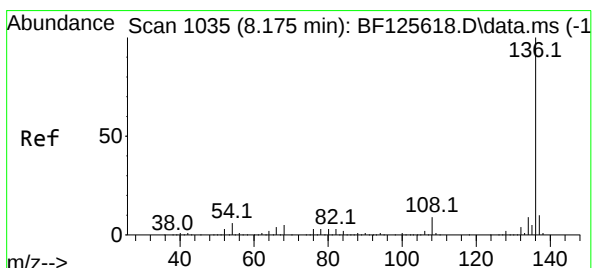
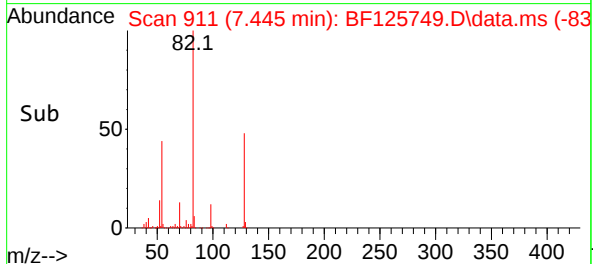
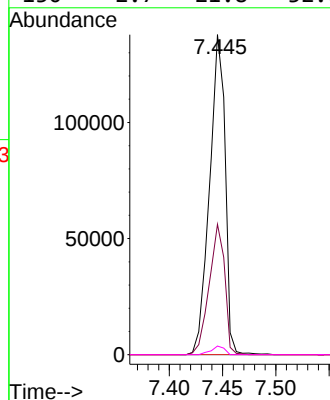
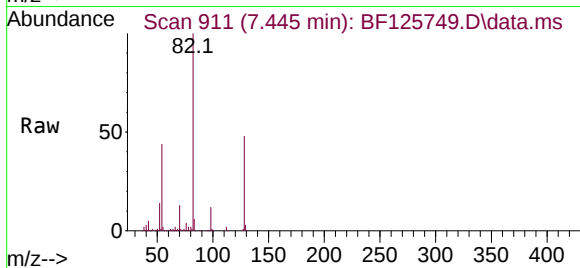


#19

n-Nitroso-di-n-propylamine
Concen: 13.161 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

Instrument :
BNA_F
ClientSampleId :
PB139528BL

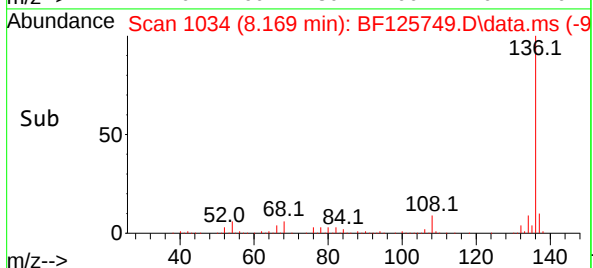
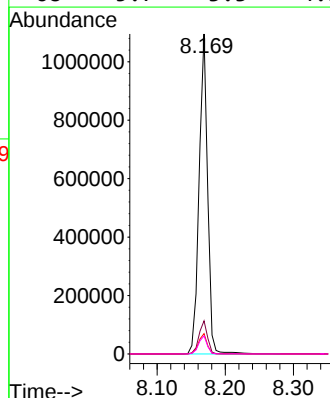
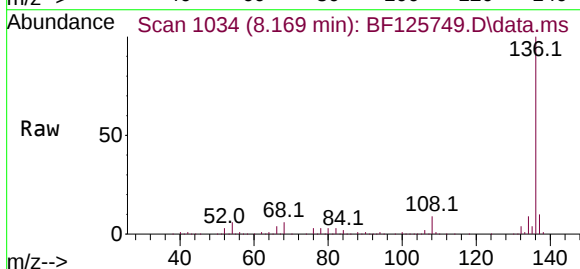
Tgt Ion: 70 Resp: 140598
Ion Ratio Lower Upper
70 100
42 40.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.7 21.8 32.6#

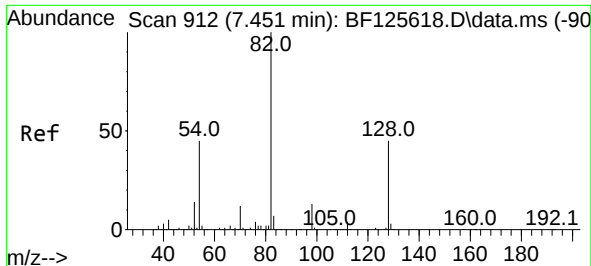


#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

Tgt Ion: 136 Resp: 951248
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 6.3 6.4 9.6#
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 82.314 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125749.D

Acq: 1 Oct 2021 13:09

Instrument :

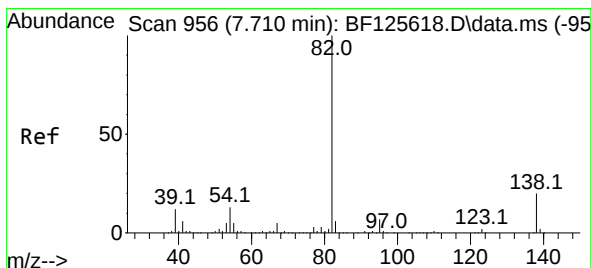
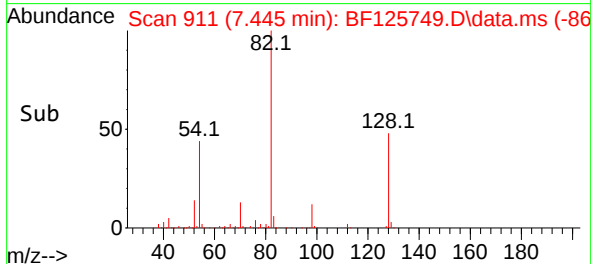
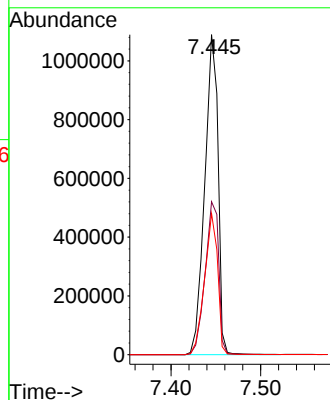
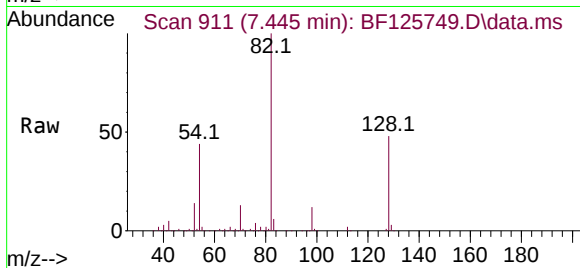
BNA_F

ClientSampleId :

PB139528BL

Tgt Ion: 82 Resp: 1122589

Ion	Ratio	Lower	Upper
82	100		
128	47.8	40.6	60.8
54	44.1	49.6	74.4#



#25

Isophorone

Concen: 36.754 ng

RT: 7.445 min Scan# 911

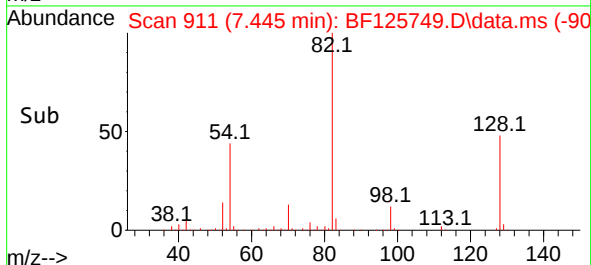
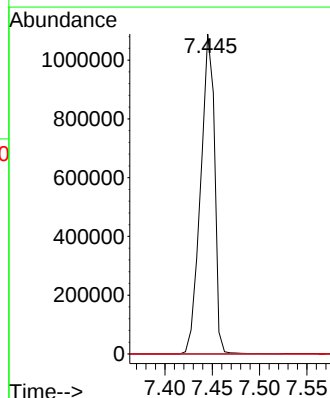
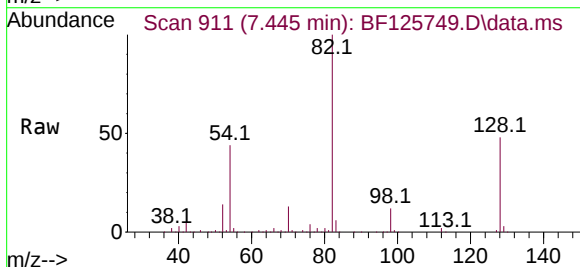
Delta R.T. -0.265 min

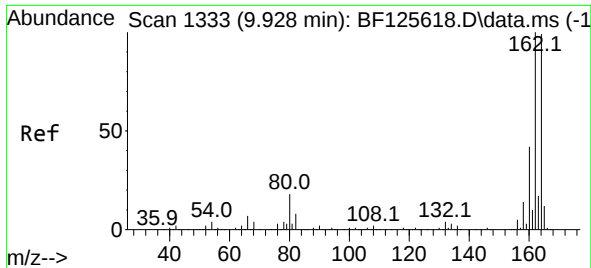
Lab File: BF125749.D

Acq: 1 Oct 2021 13:09

Tgt Ion: 82 Resp: 1122579

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

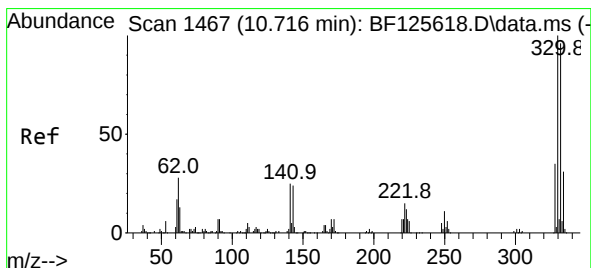
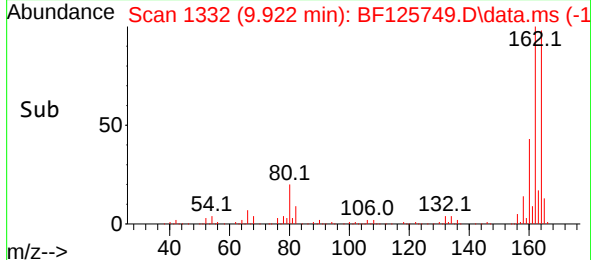
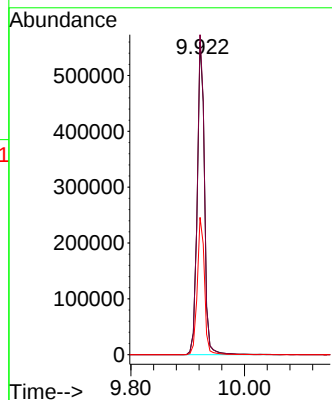
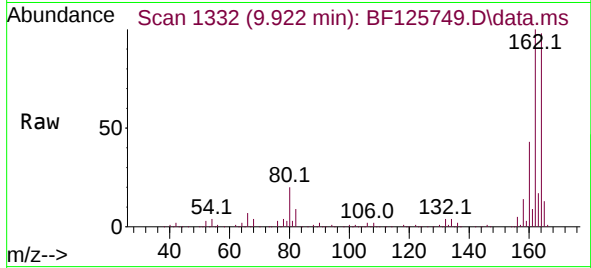




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

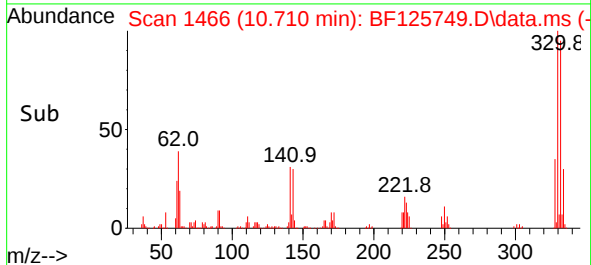
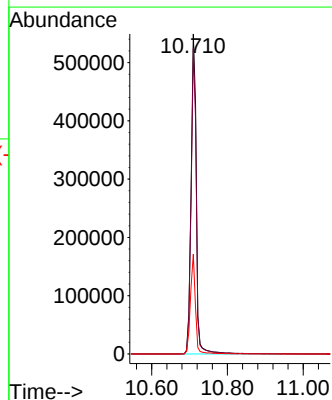
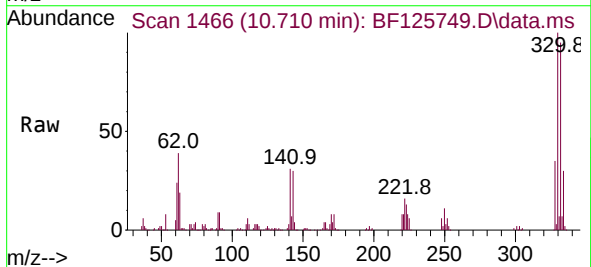
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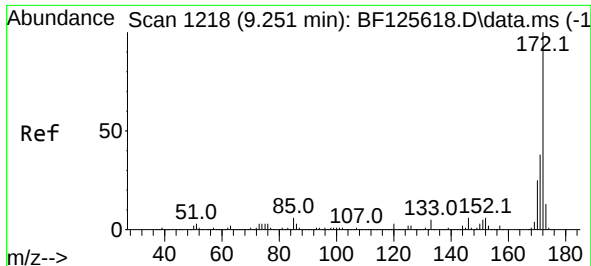
Tgt Ion:164 Resp: 500613
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 43.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 111.882 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

Tgt Ion:330 Resp: 522217
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 29.9 44.6 66.8#

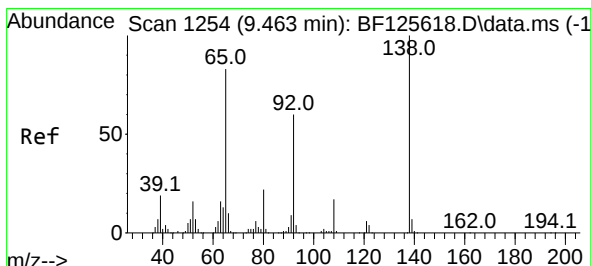
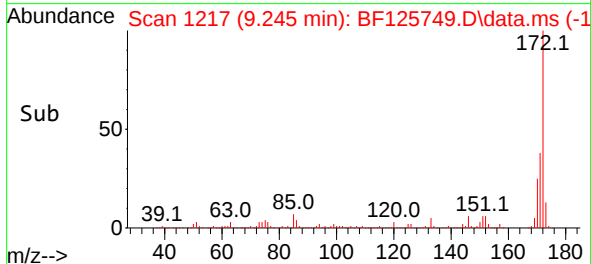
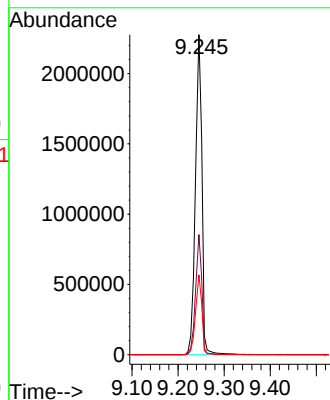
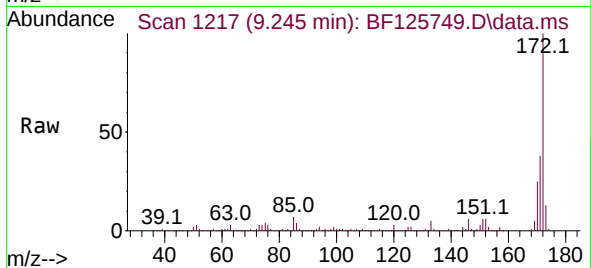




#45
2-Fluorobiphenyl
Concen: 78.987 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

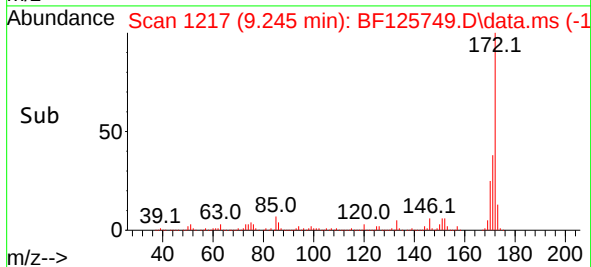
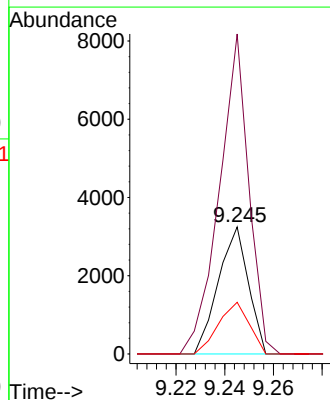
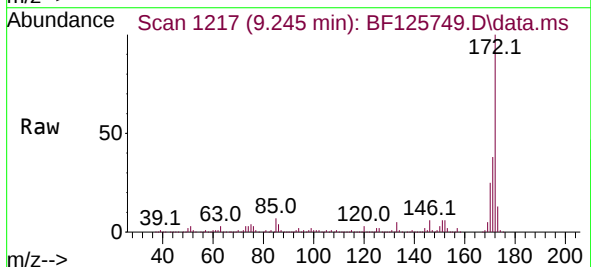
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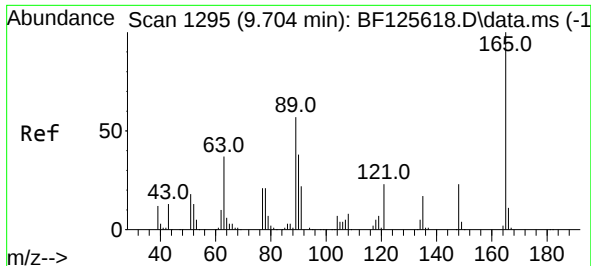
Tgt Ion:172 Resp: 2227014
Ion Ratio Lower Upper
172 100
171 37.6 26.5 39.7
170 25.0 18.8 28.2



#48
2-Nitroaniline
Concen: 4.509 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

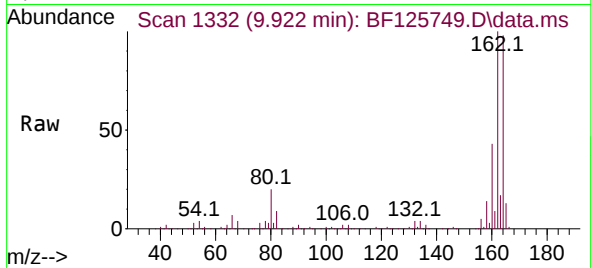
Tgt Ion: 65 Resp: 2779
Ion Ratio Lower Upper
65 100
92 251.8 55.5 83.3#
138 40.7 93.5 140.3#



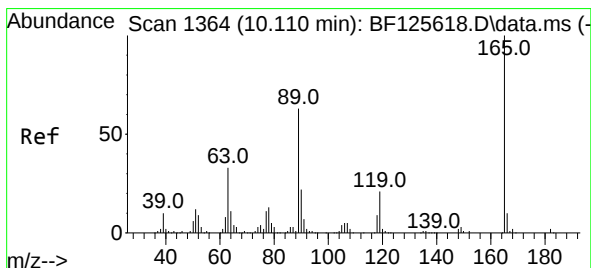
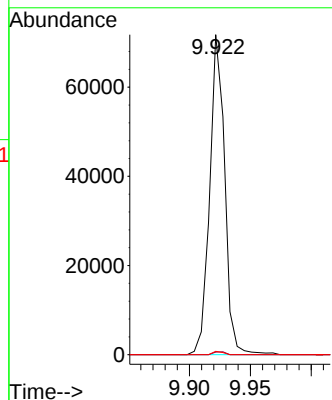
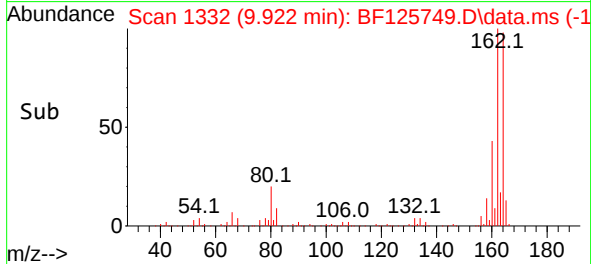


#51
2,6-Dinitrotoluene
Concen: 12.328 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

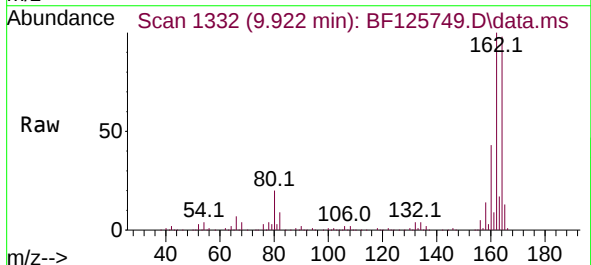
Instrument :
BNA_F
ClientSampleId :
PB139528BL



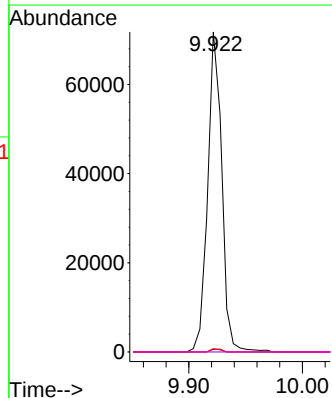
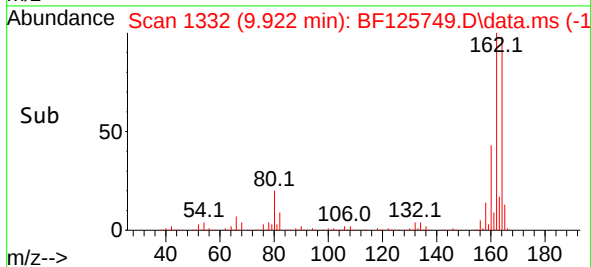
Tgt Ion:165 Resp: 61707
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.0 40.6 60.8#

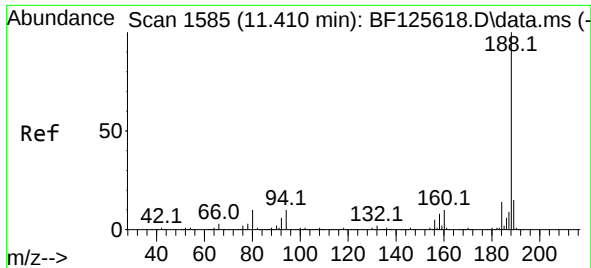


#57
2,4-Dinitrotoluene
Concen: 11.282 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09



Tgt Ion:165 Resp: 61696
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

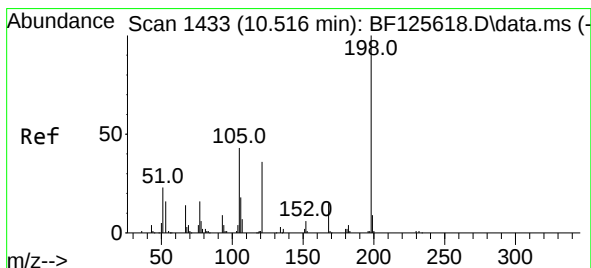
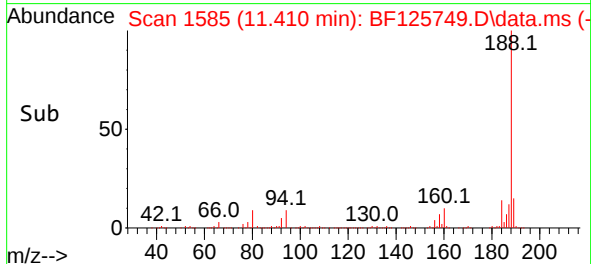
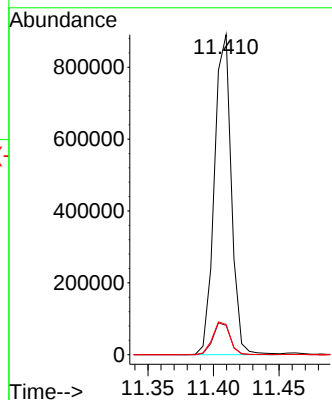
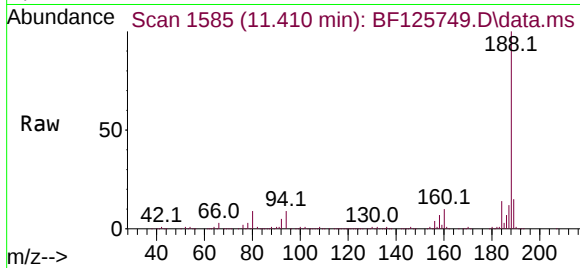




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

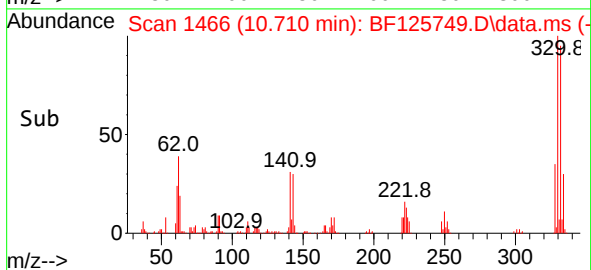
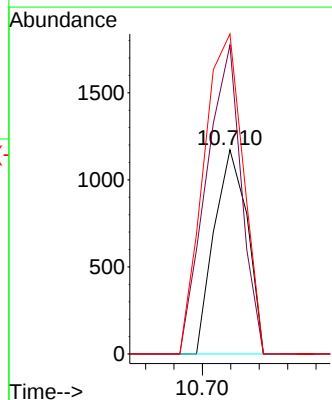
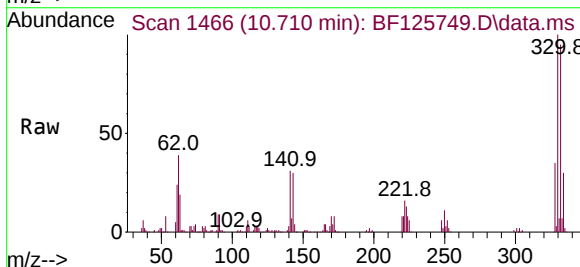
Instrument :
BNA_F
ClientSampleId :
PB139528BL

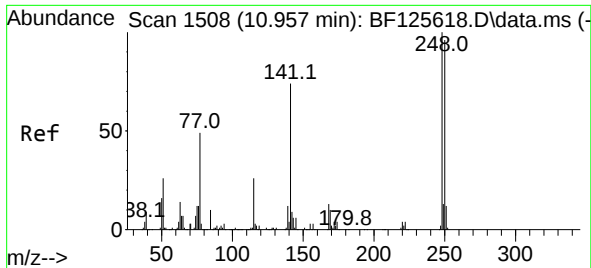
Tgt Ion:188 Resp: 800901
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.5 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.210 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

Tgt Ion:198 Resp: 946
Ion Ratio Lower Upper
198 100
51 151.3 45.3 85.3#
105 156.7 30.6 70.6#

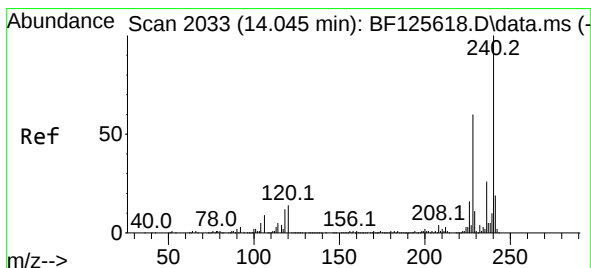
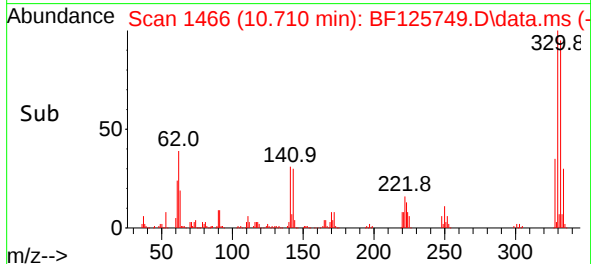
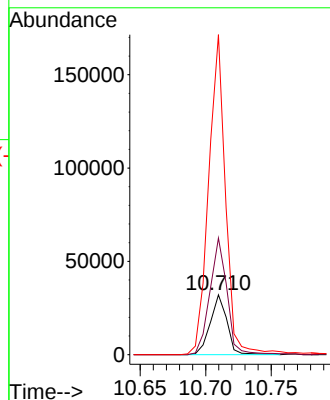
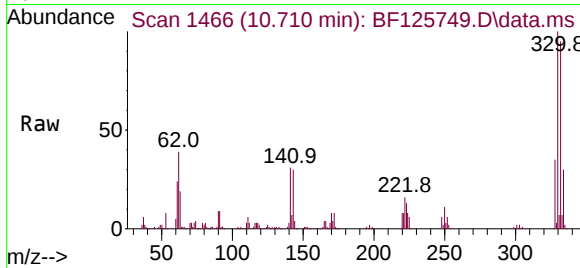




#67
4-Bromophenyl-phenylether
Concen: 3.398 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

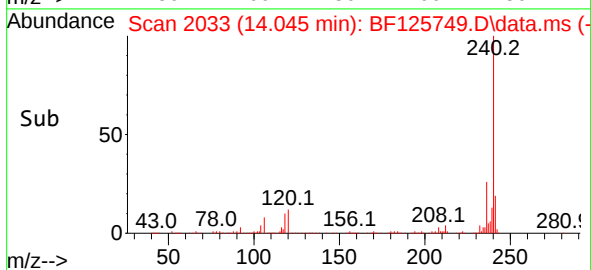
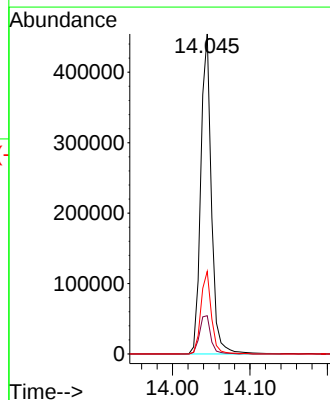
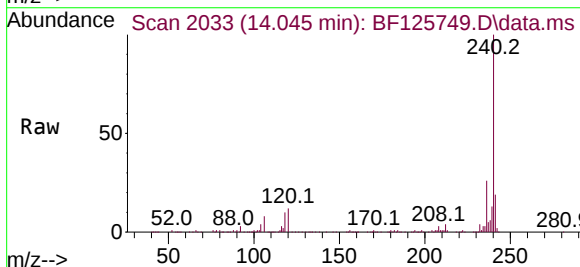
Instrument :
BNA_F
ClientSampleId :
PB139528BL

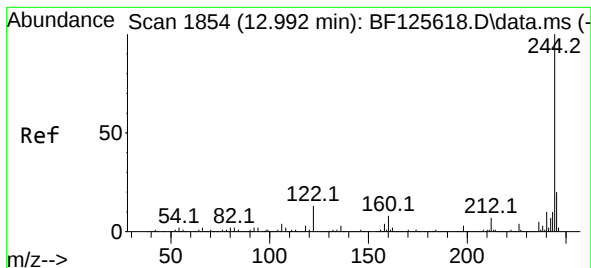
Tgt Ion:248 Resp: 28562
Ion Ratio Lower Upper
248 100
250 195.1 74.2 111.4#
141 535.1 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

Tgt Ion:240 Resp: 431829
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 25.8 21.6 32.4

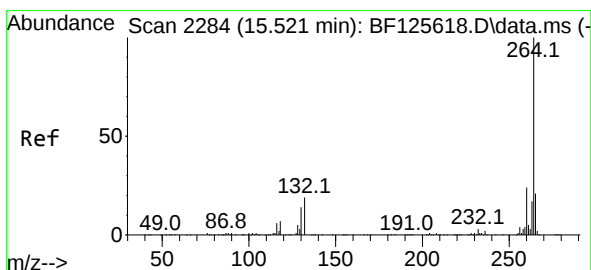
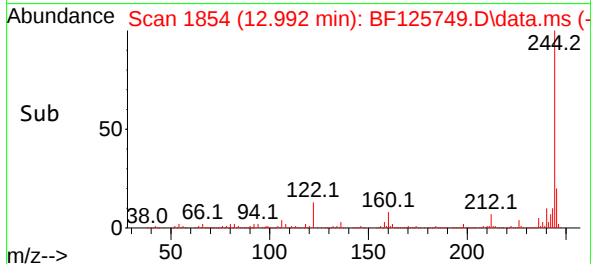
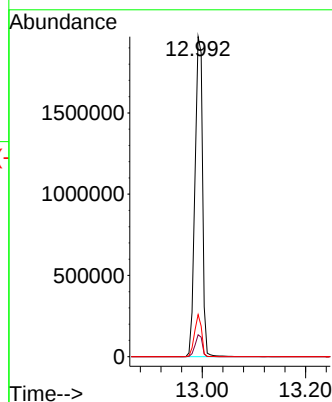
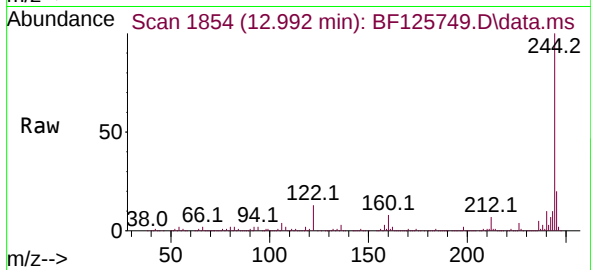




#79
Terphenyl-d14
Concen: 79.822 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125749.D
Acq: 1 Oct 2021 13:09

Instrument :
BNA_F
ClientSampleId :
PB139528BL

Tgt Ion:244 Resp: 1990422
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 13.2 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: BF125749.D
Acq: 1 Oct 2021 13:09

Tgt Ion:264 Resp: 430199
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 21.5 17.2 25.8

