

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
 Data File : BF125744.D
 Acq On : 1 Oct 2021 10:23
 Operator : JU/CG
 Sample : PB139493BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139493BL

Quant Time: Oct 01 10:59:54 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)

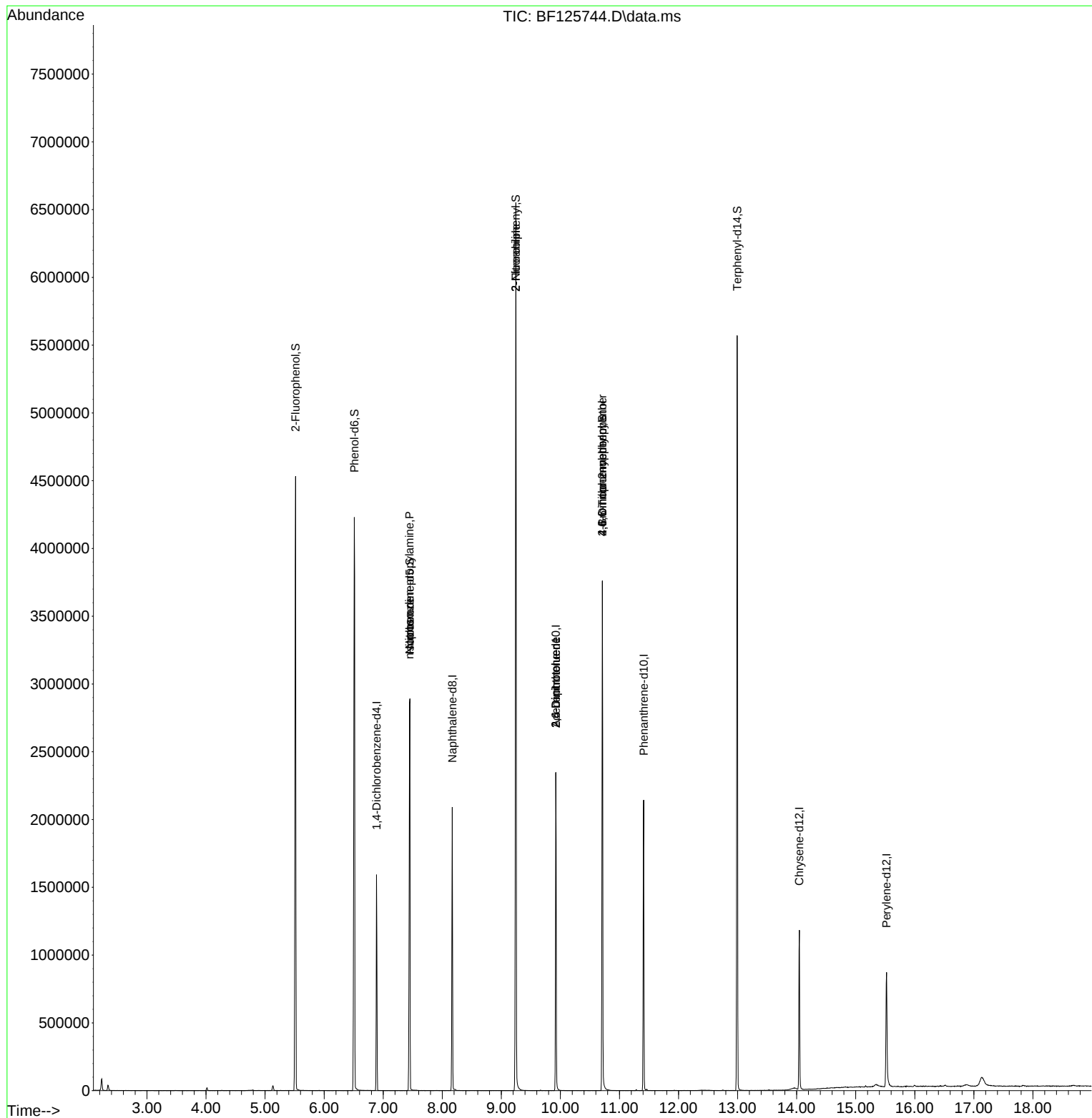
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	229723	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	940000	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	495877	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	788861	20.000	ng	0.00
76) Chrysene-d12	14.045	240	428078	20.000	ng	0.00
86) Perylene-d12	15.521	264	423958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1459333	104.663	ng	0.01
7) Phenol-d6	6.510	99	1921978	102.530	ng	0.00
23) Nitrobenzene-d5	7.451	82	1125381	83.506	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	529472	114.520	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2229289	79.990	ng	0.00
79) Terphenyl-d14	12.992	244	1994118	80.671	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	2729	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	139185	13.041	ng	# 51
25) Isophorone	7.451	82	1125360	37.286	ng	# 59
48) 2-Nitroaniline	9.245	65	2898	4.528	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	62806	12.554	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	62807	11.462	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1017	9.228	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	28743	3.472	ng	# 1

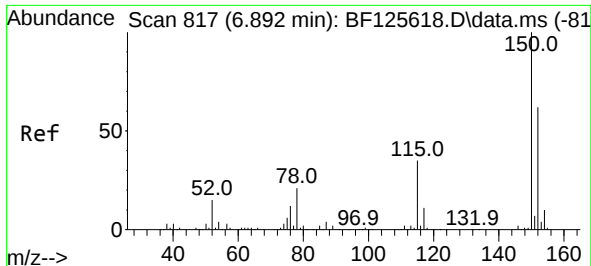
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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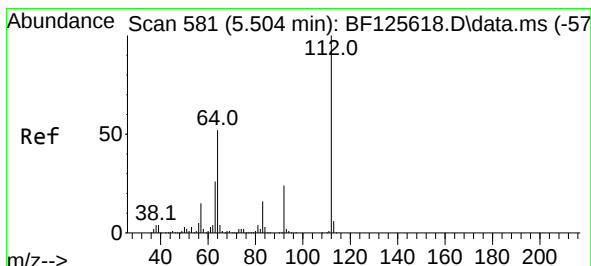
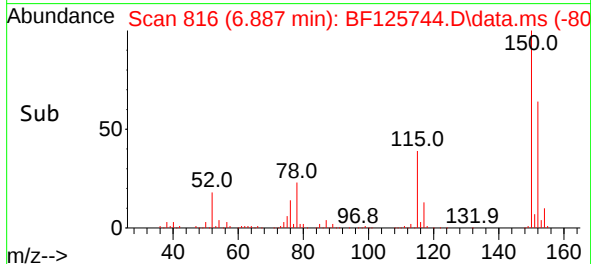
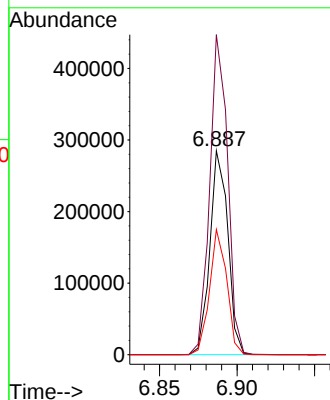
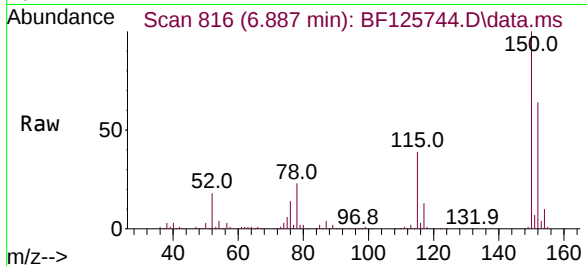




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

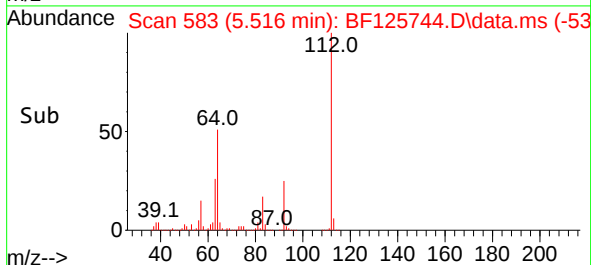
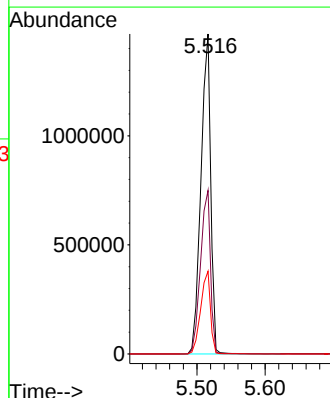
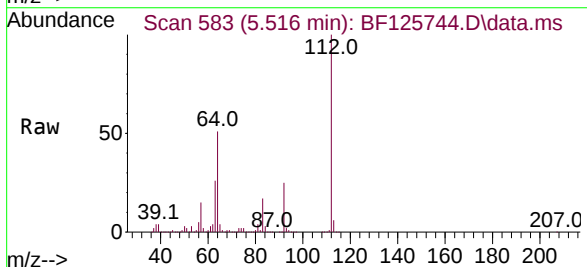
Instrument :
BNA_F
ClientSampleId :
PB139493BL

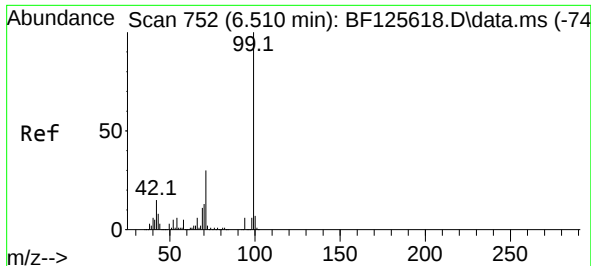
Tgt Ion:152 Resp: 229723
Ion Ratio Lower Upper
152 100
150 157.0 117.6 176.4
115 61.4 47.1 70.7



#5
2-Fluorophenol
Concen: 104.663 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

Tgt Ion:112 Resp: 1459333
Ion Ratio Lower Upper
112 100
64 51.1 44.2 66.2
63 25.9 26.2 39.2#

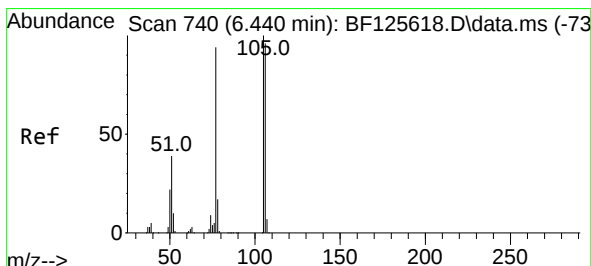
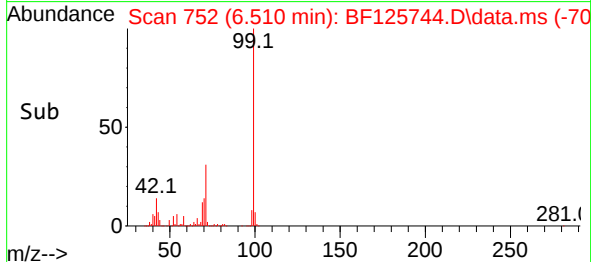
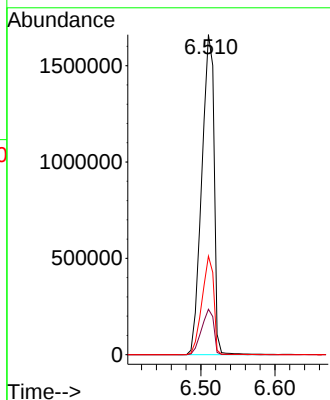
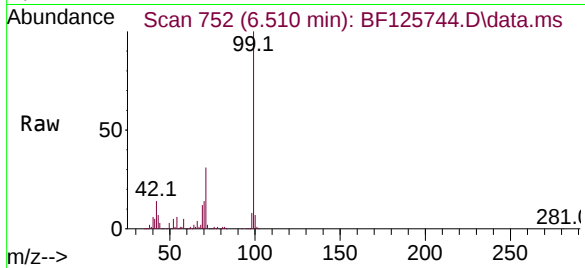




#7
Phenol-d6
Concen: 102.530 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

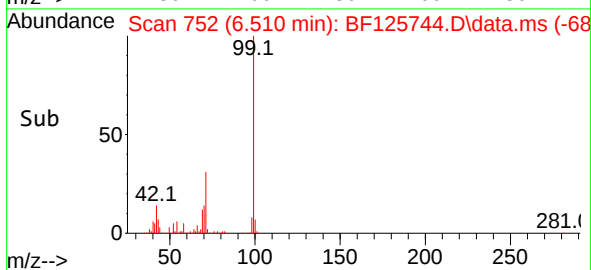
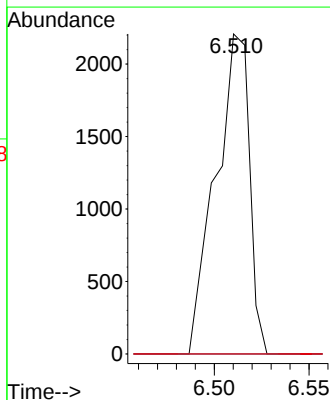
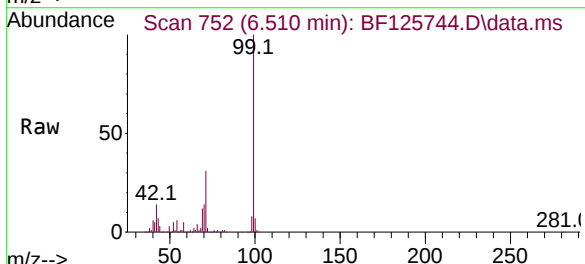
Instrument :
BNA_F
ClientSampleId :
PB139493BL

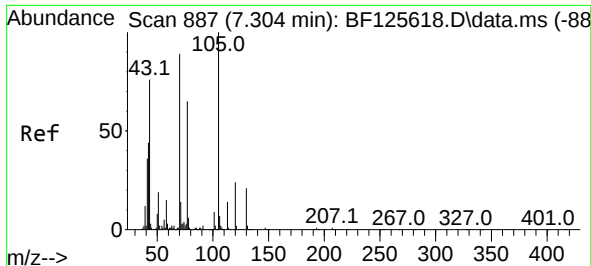
Tgt Ion: 99 Resp: 1921978
Ion Ratio Lower Upper
99 100
42 14.2 23.5 35.3#
71 30.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

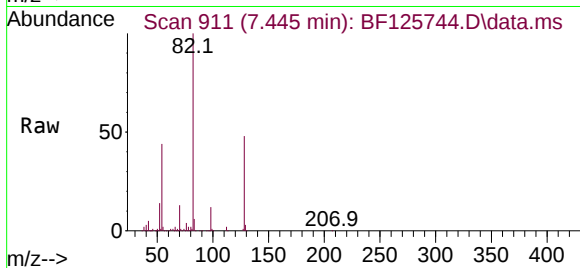
Tgt Ion: 77 Resp: 2729
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



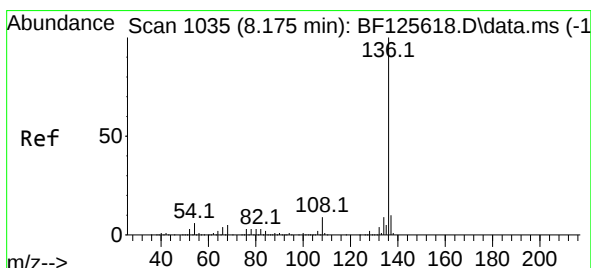
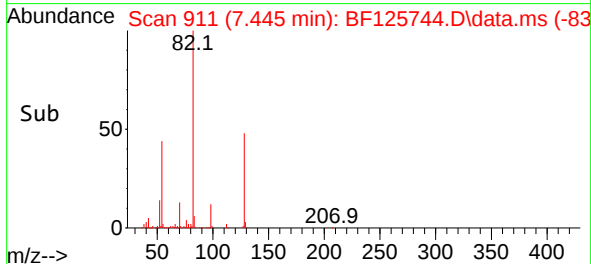
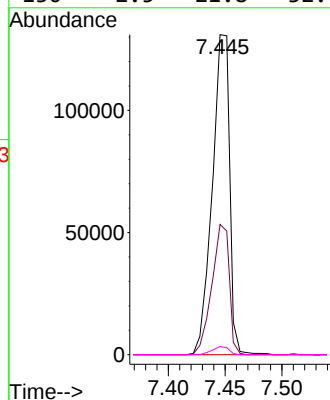


#19
n-Nitroso-di-n-propylamine
Concen: 13.041 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

Instrument :
BNA_F
ClientSampleId :
PB139493BL

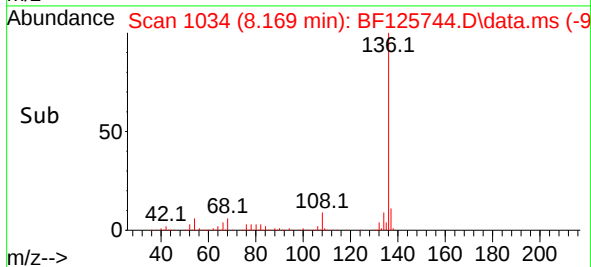
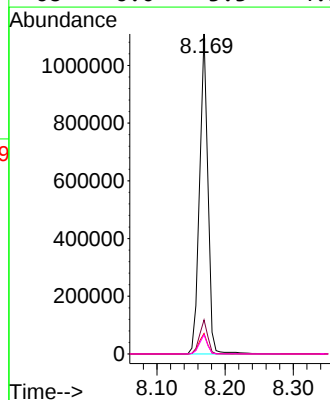
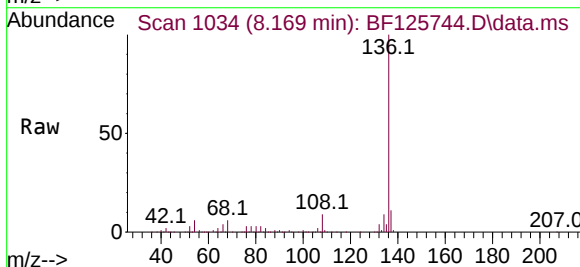


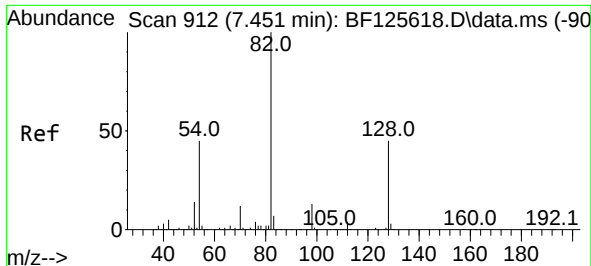
Tgt Ion	Ratio	Lower	Upper
70	100		
42	40.7	72.2	108.2#
101	0.0	7.8	11.8#
130	2.5	21.8	32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	6.4	6.4	9.6
68	6.0	3.3	4.9#

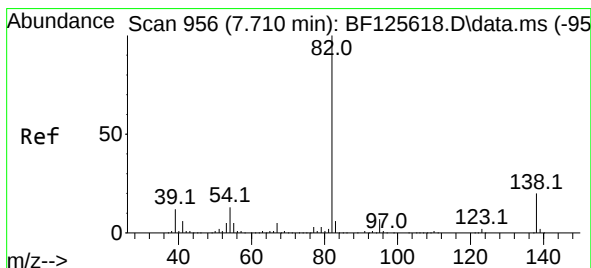
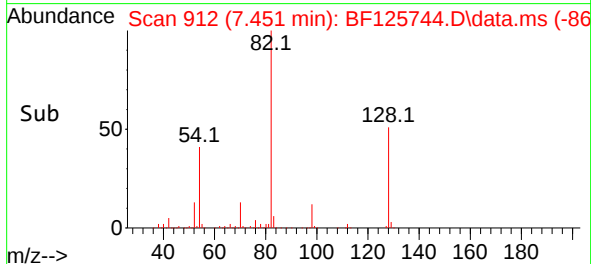
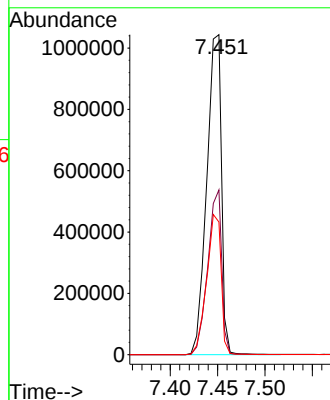
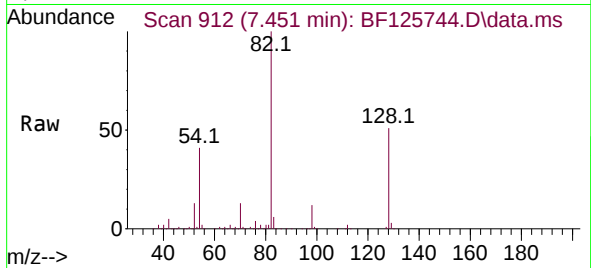




#23
Nitrobenzene-d5
Concen: 83.506 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

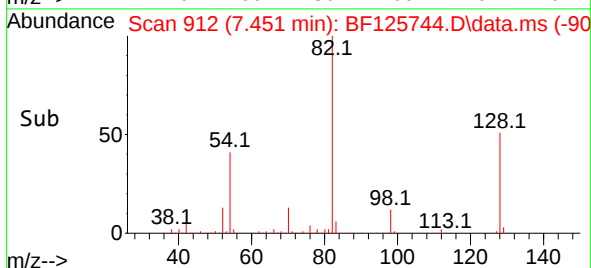
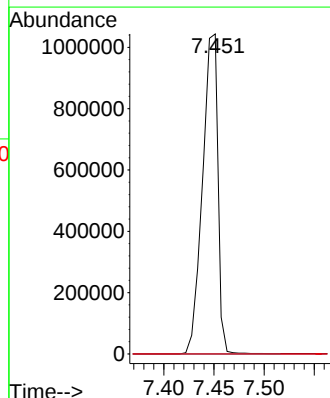
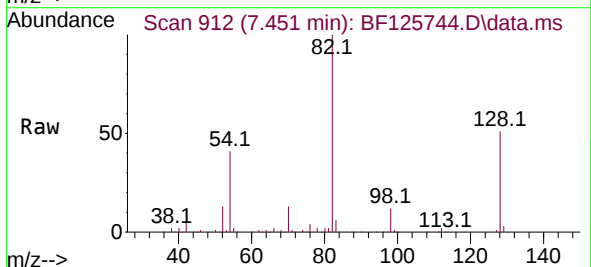
Instrument :
BNA_F
ClientSampleId :
PB139493BL

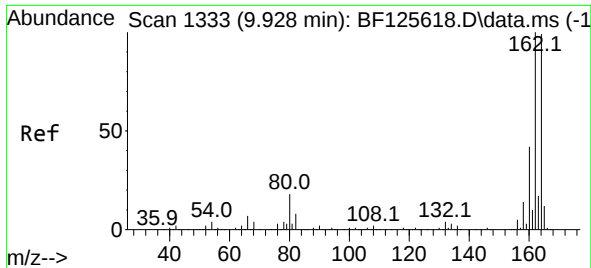
Tgt Ion: 82 Resp: 1125381
Ion Ratio Lower Upper
82 100
128 51.5 40.6 60.8
54 41.5 49.6 74.4#



#25
Isophorone
Concen: 37.286 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

Tgt Ion: 82 Resp: 1125360
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

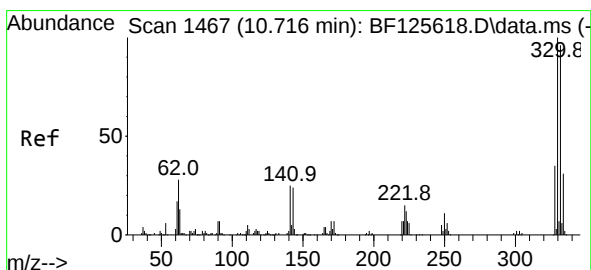
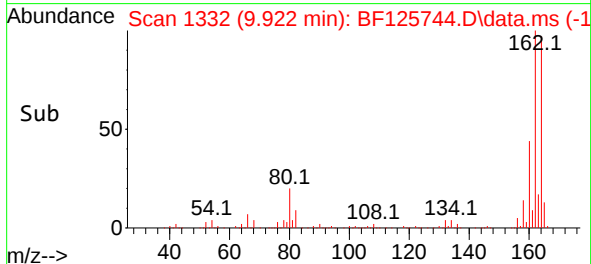
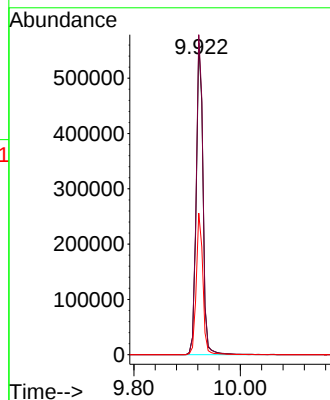
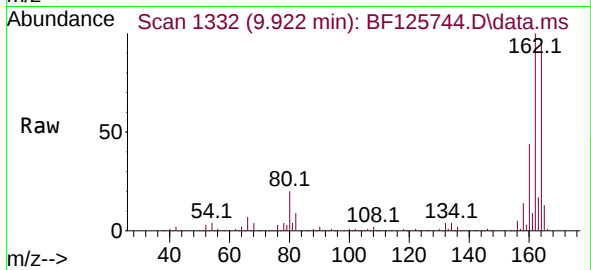




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

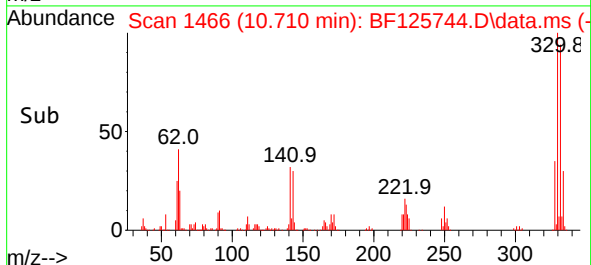
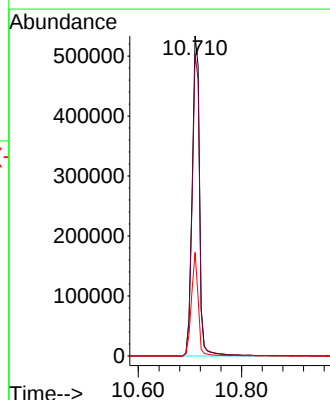
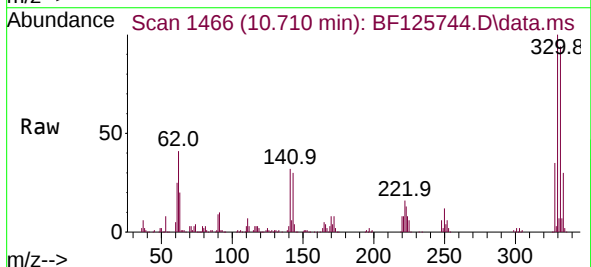
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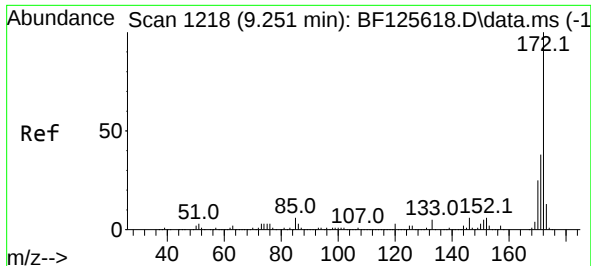
Tgt Ion:164 Resp: 495877
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 45.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 114.520 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

Tgt Ion:330 Resp: 529472
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 29.9 44.6 66.8#

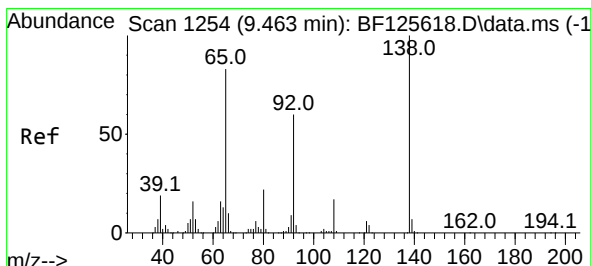
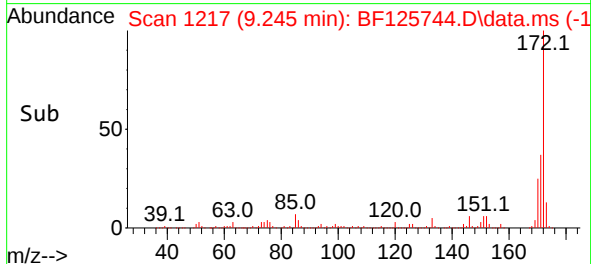
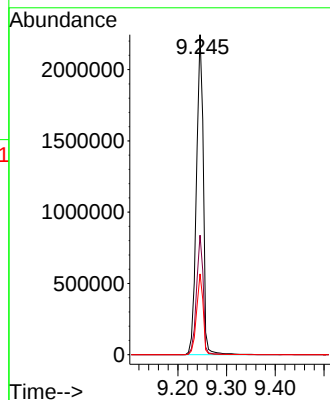
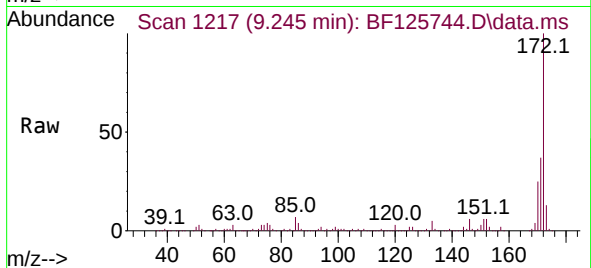




#45
2-Fluorobiphenyl
Concen: 79.990 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

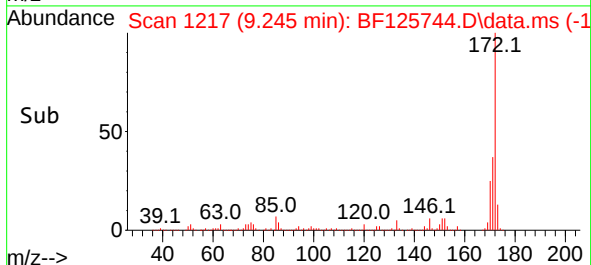
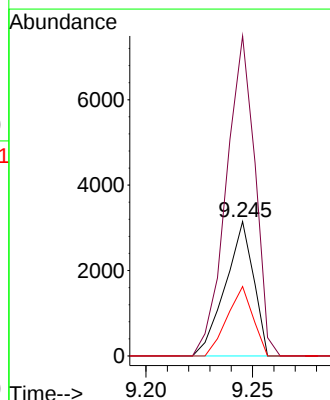
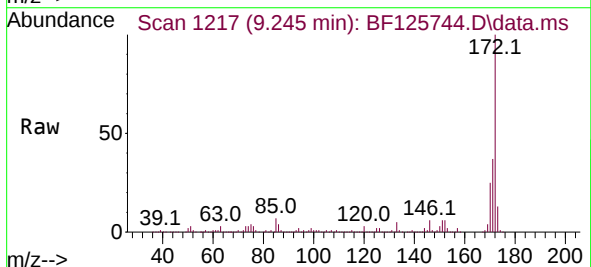
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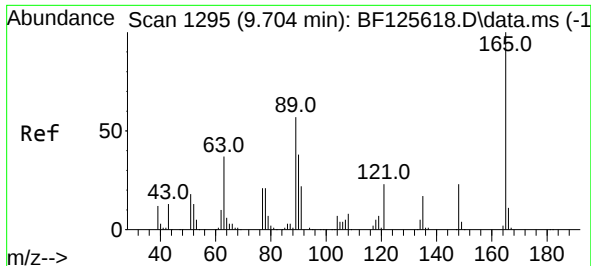
Tgt Ion:172 Resp: 2229289
Ion Ratio Lower Upper
172 100
171 37.3 26.5 39.7
170 25.3 18.8 28.2



#48
2-Nitroaniline
Concen: 4.528 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

Tgt Ion: 65 Resp: 2898
Ion Ratio Lower Upper
65 100
92 238.0 55.5 83.3#
138 51.7 93.5 140.3#

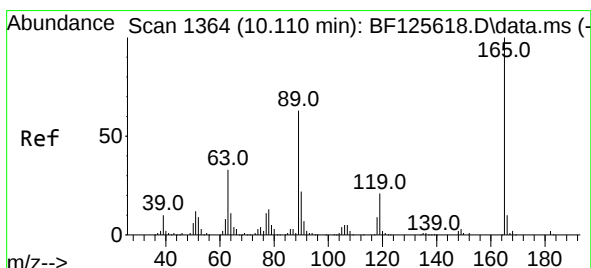
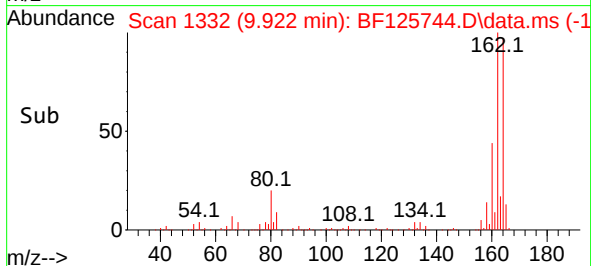
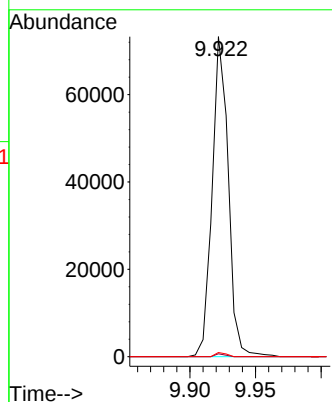
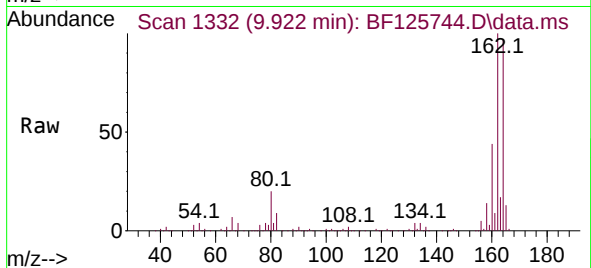




#51
2,6-Dinitrotoluene
Concen: 12.554 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

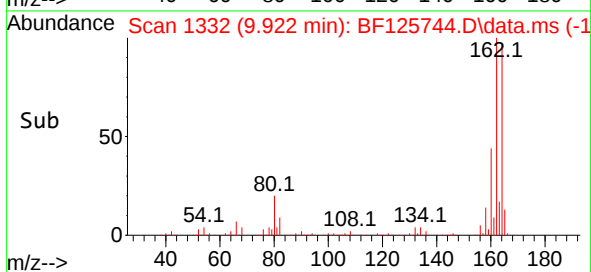
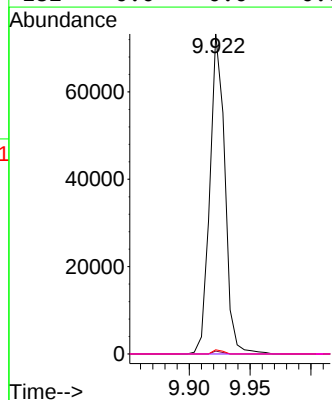
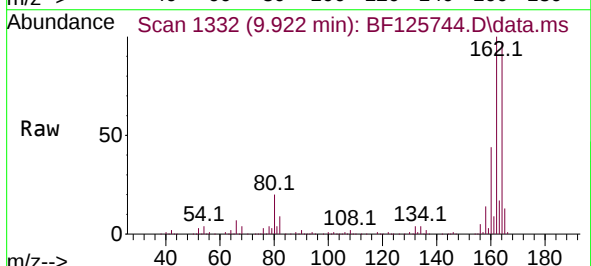
Instrument :
BNA_F
ClientSampleId :
PB139493BL

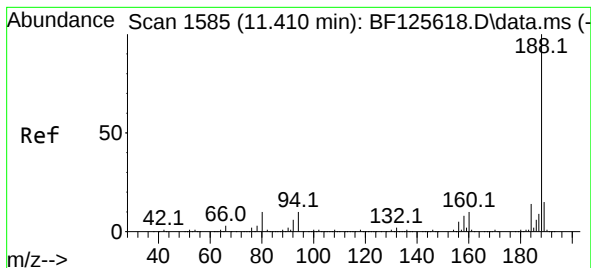
Tgt Ion:165 Resp: 62806
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.462 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

Tgt Ion:165 Resp: 62807
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

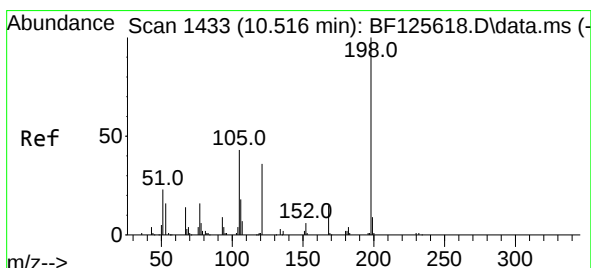
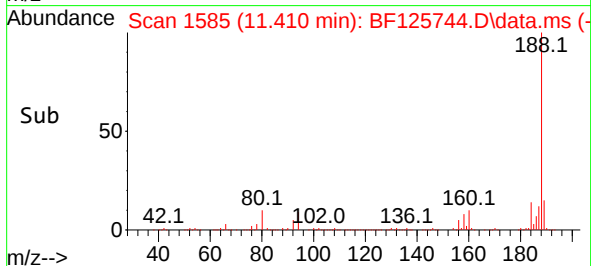
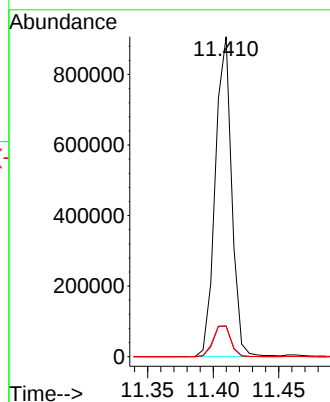
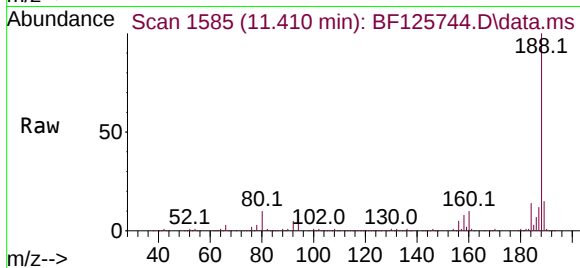




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

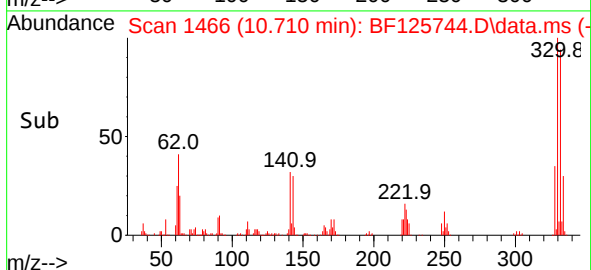
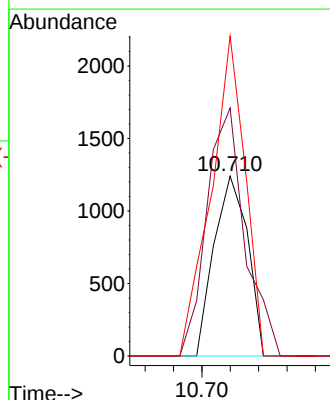
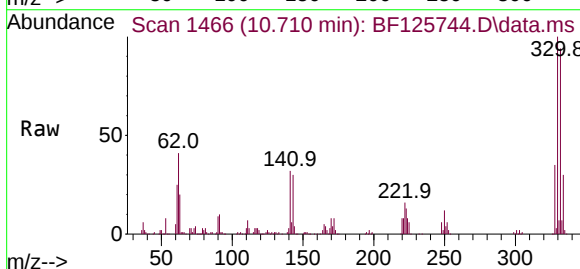
Instrument :
BNA_F
ClientSampleId :
PB139493BL

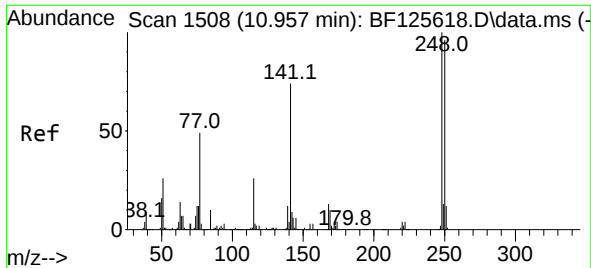
Tgt Ion:188 Resp: 788861
Ion Ratio Lower Upper
188 100
94 9.5 6.7 10.1
80 9.6 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.228 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

Tgt Ion:198 Resp: 1017
Ion Ratio Lower Upper
198 100
51 137.8 45.3 85.3#
105 177.8 30.6 70.6#

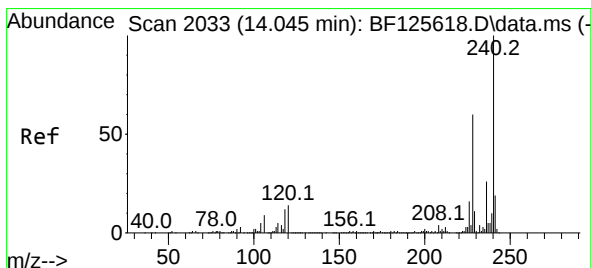
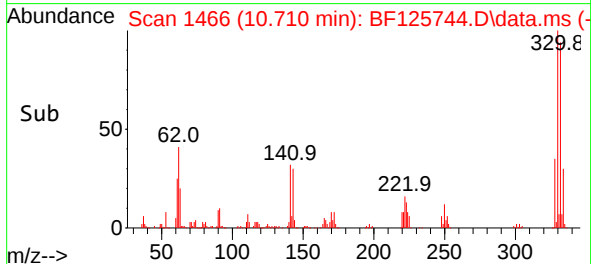
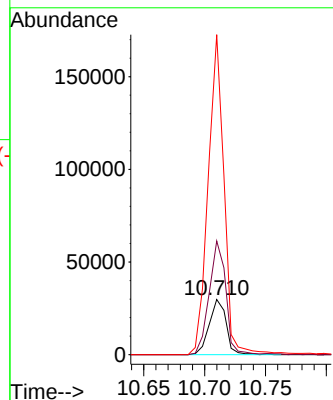
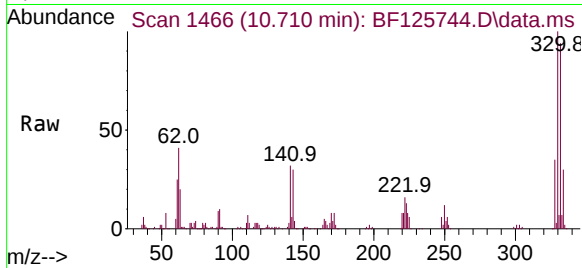




#67
4-Bromophenyl-phenylether
Concen: 3.472 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

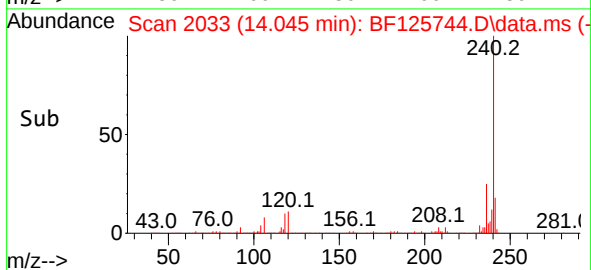
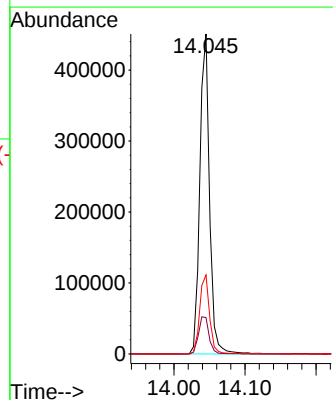
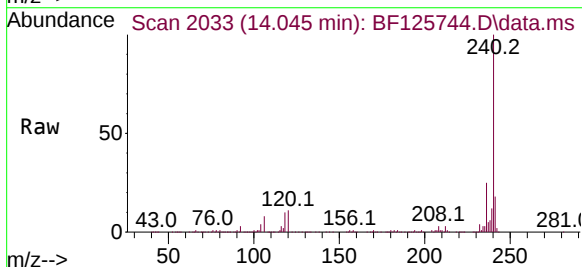
Instrument :
BNA_F
ClientSampleId :
PB139493BL

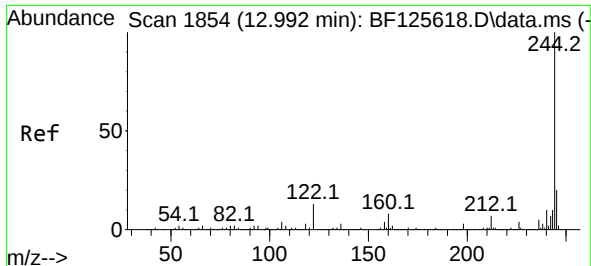
Tgt Ion:248 Resp: 28743
Ion Ratio Lower Upper
248 100
250 206.4 74.2 111.4#
141 580.4 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125744.D
Acq: 1 Oct 2021 10:23

Tgt Ion:240 Resp: 428078
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 24.7 21.6 32.4

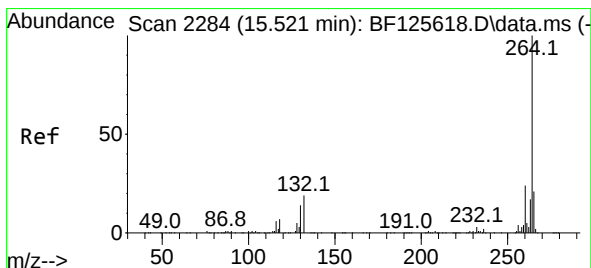
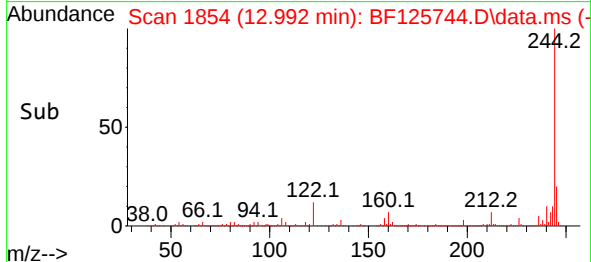
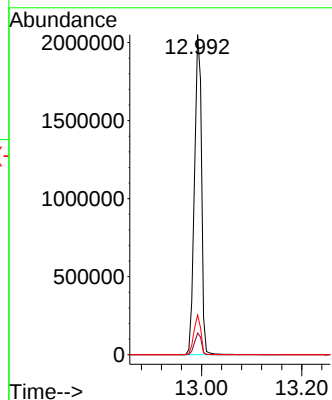
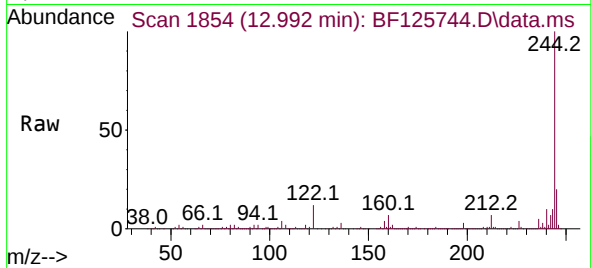




#79
 Terphenyl-d14
 Concen: 80.671 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF125744.D
 Acq: 1 Oct 2021 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB139493BL

Tgt Ion:244 Resp: 1994118
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 12.4 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: BF125744.D
 Acq: 1 Oct 2021 10:23

Tgt Ion:264 Resp: 423958
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 20.5 17.2 25.8

