

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125728.D
 Acq On : 30 Sep 2021 12:24
 Operator : JU/CG
 Sample : PB139476TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139476TB

Quant Time: Sep 30 13:19:34 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)

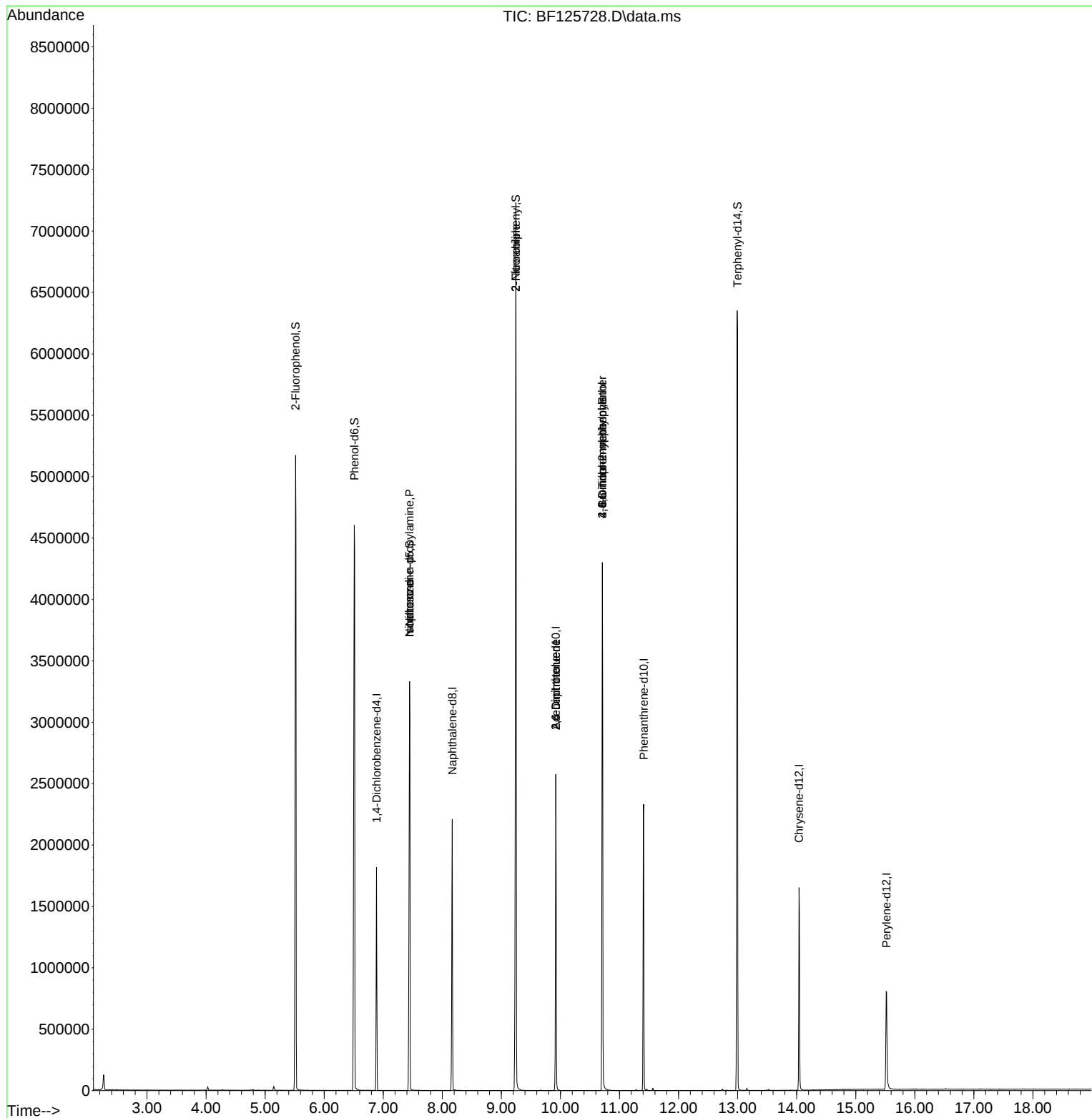
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	252517	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1036313	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	547273	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	909635	20.000	ng	0.00
76) Chrysene-d12	14.039	240	568226	20.000	ng	0.00
86) Perylene-d12	15.521	264	411454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1859642	121.334	ng	0.01
7) Phenol-d6	6.510	99	2275310	110.423	ng	0.00
23) Nitrobenzene-d5	7.445	82	1374045	92.482	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	625169	122.520	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2604525	85.608	ng	0.00
79) Terphenyl-d14	12.998	244	2480284	75.591	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	2872	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	172575	14.710	ng	# 51
25) Isophorone	7.445	82	1368519	41.129	ng	# 59
48) 2-Nitroaniline	9.245	65	3520	4.565	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	69115	12.530	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	69103	11.441	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1180	9.230	ng	# 4
67) 4-Bromophenyl-phenylether	10.710	248	34443	3.608	ng	# 1

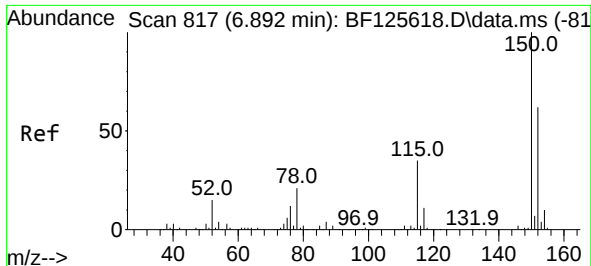
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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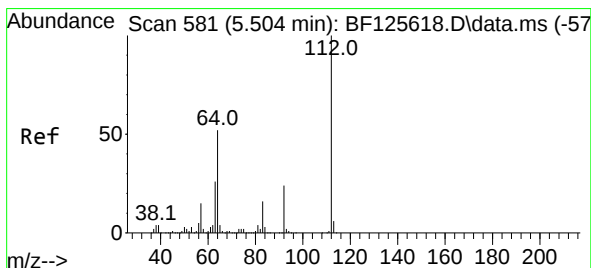
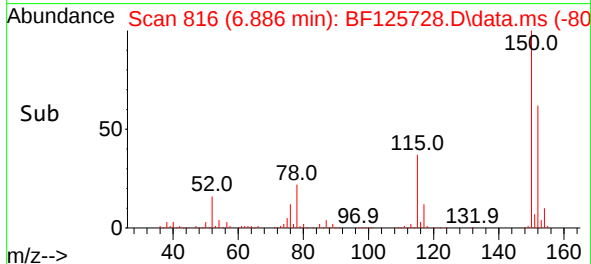
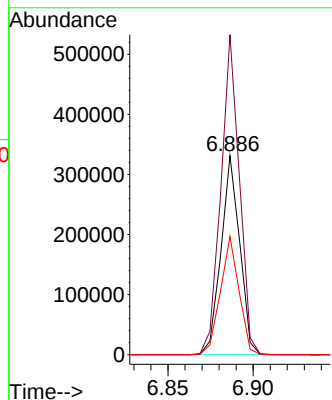
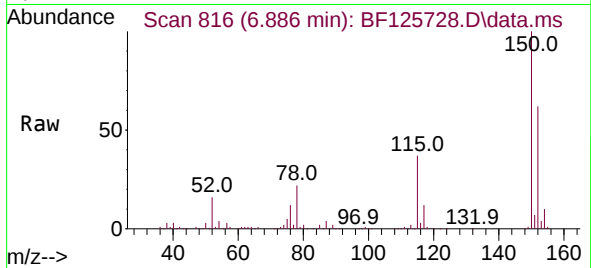




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

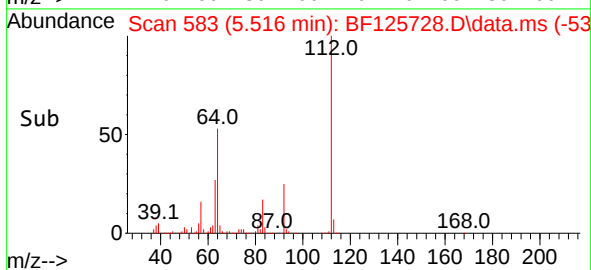
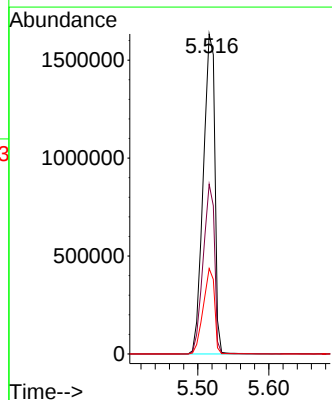
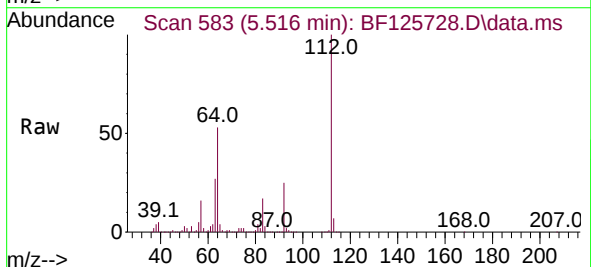
Instrument :
BNA_F
ClientSampleId :
PB139476TB

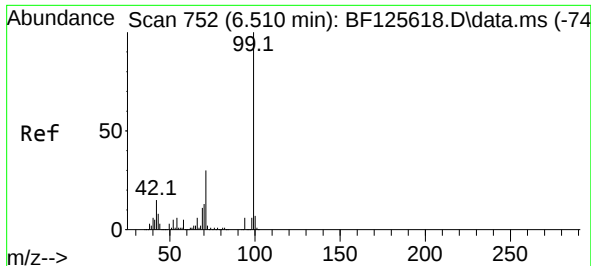
Tgt Ion:152 Resp: 252517
Ion Ratio Lower Upper
152 100
150 160.8 117.6 176.4
115 59.4 47.1 70.7



#5
2-Fluorophenol
Concen: 121.334 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

Tgt Ion:112 Resp: 1859642
Ion Ratio Lower Upper
112 100
64 53.0 44.2 66.2
63 26.7 26.2 39.2

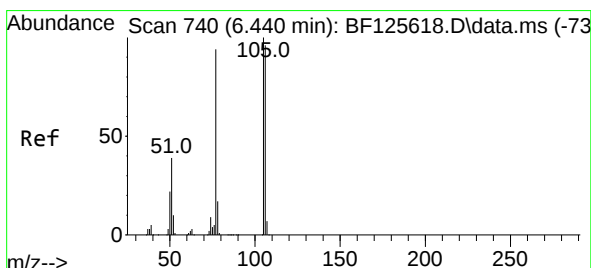
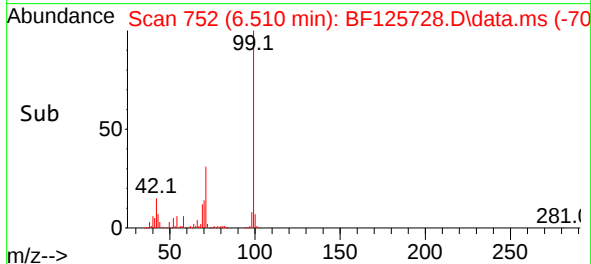
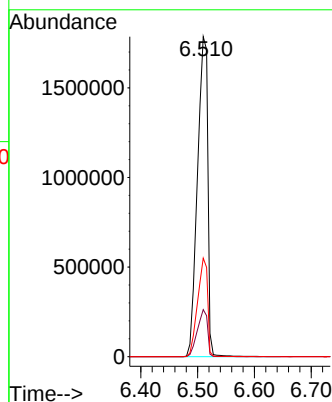
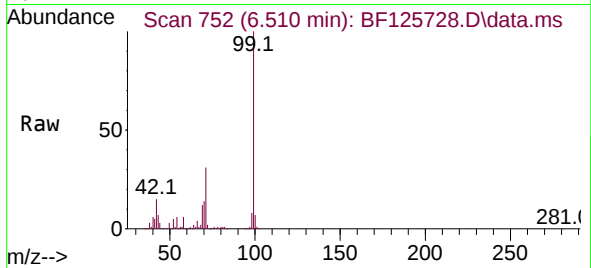




#7
Phenol-d6
Concen: 110.423 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

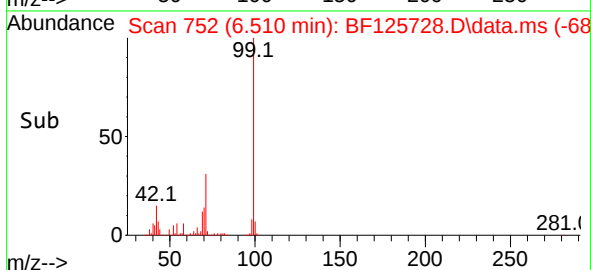
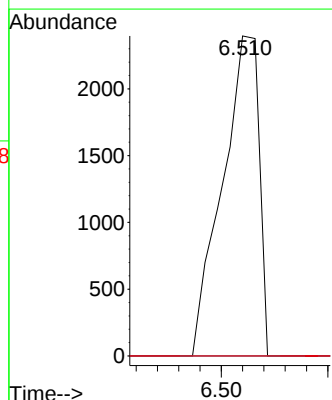
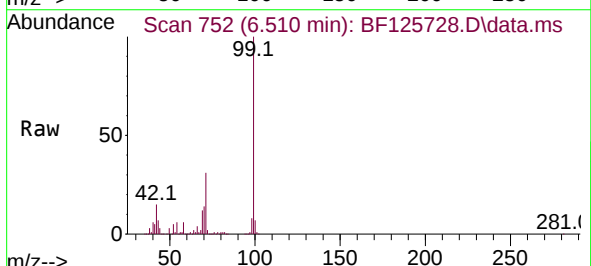
Instrument :
BNA_F
ClientSampleId :
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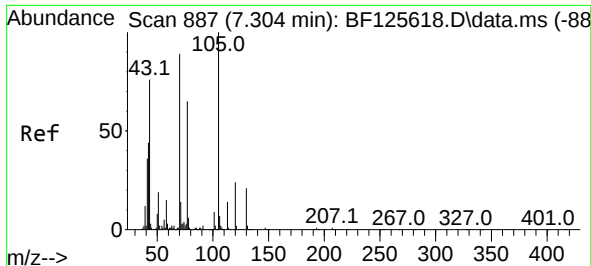
Tgt Ion: 99 Resp: 2275310
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 30.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

Tgt Ion: 77 Resp: 2872
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

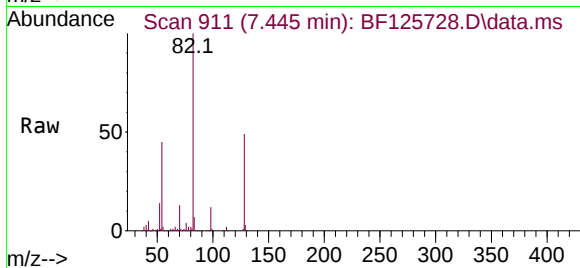




#19

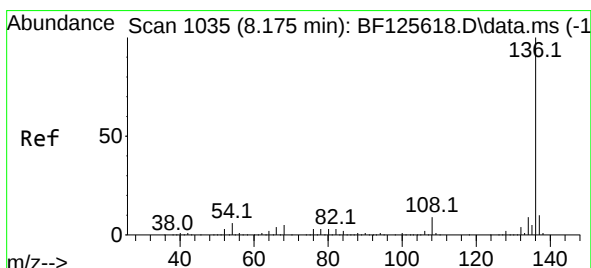
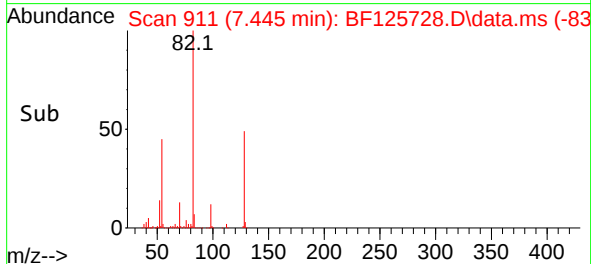
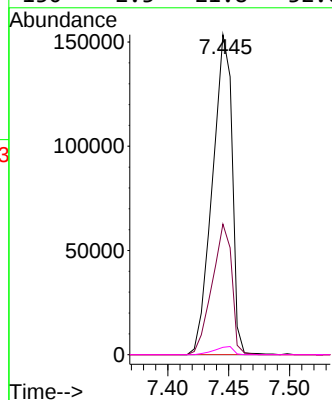
n-Nitroso-di-n-propylamine
Concen: 14.710 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

Instrument :
BNA_F
ClientSampleId :
PB139476TB



Tgt Ion: 70 Resp: 172575

Ion	Ratio	Lower	Upper
70	100		
42	40.8	72.2	108.2#
101	0.0	7.8	11.8#
130	2.3	21.8	32.6#

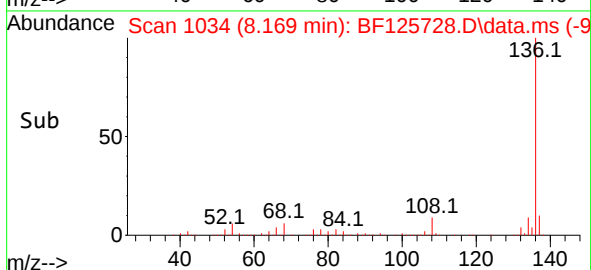
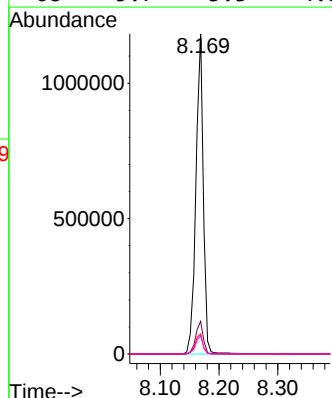
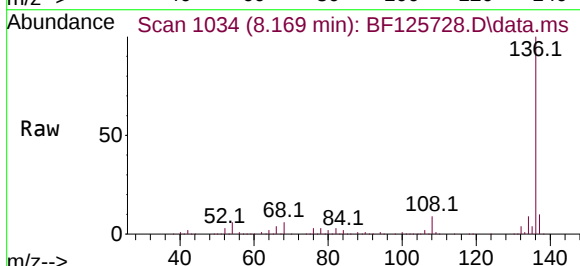


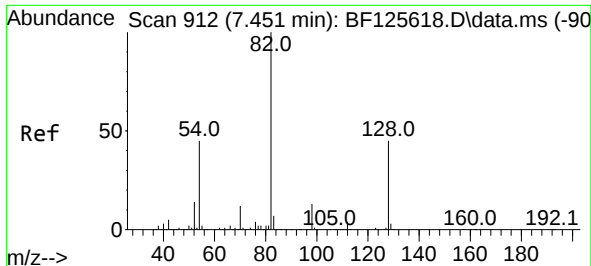
#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

Tgt Ion: 136 Resp: 1036313

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.8	14.6
54	6.3	6.4	9.6#
68	5.7	3.3	4.9#

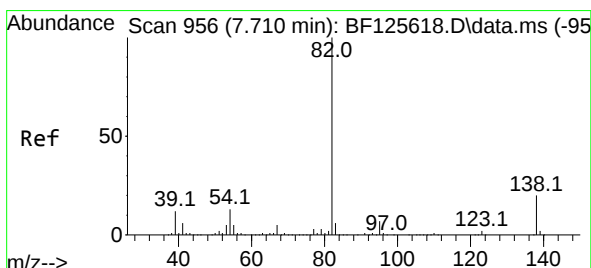
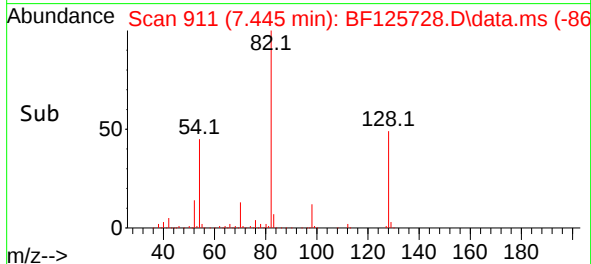
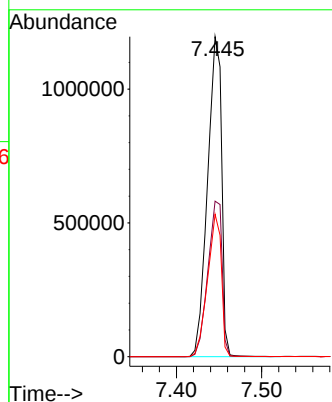
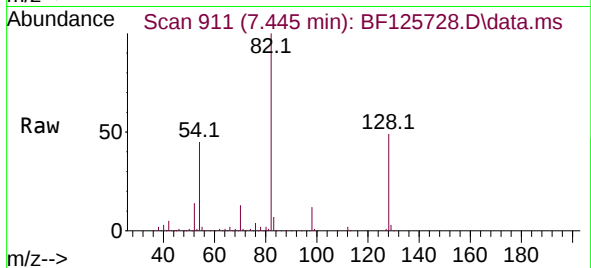




#23
Nitrobenzene-d5
Concen: 92.482 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

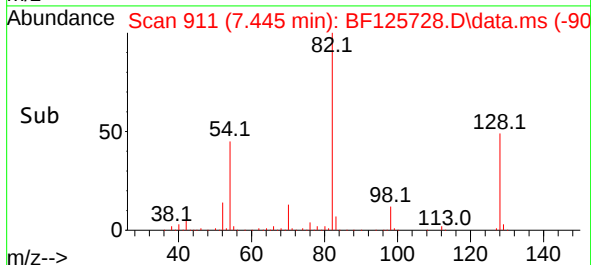
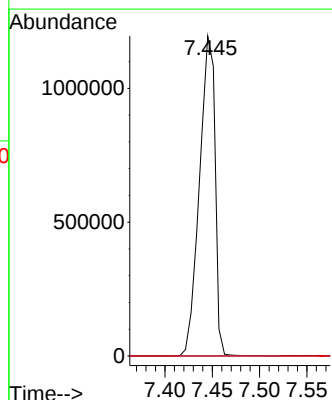
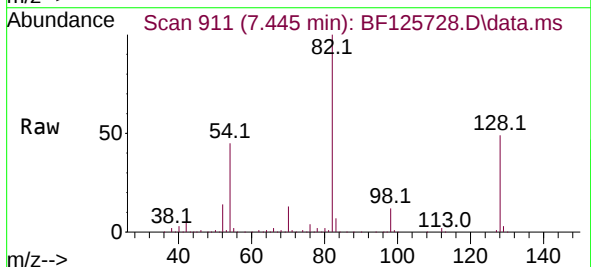
Instrument :
BNA_F
ClientSampleId :
PB139476TB

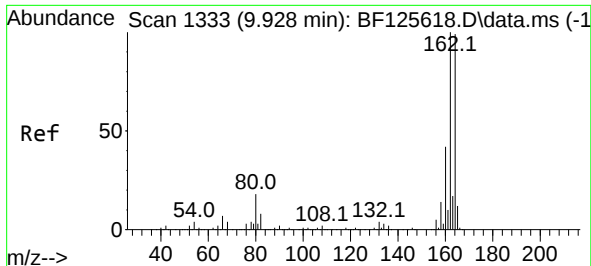
Tgt Ion: 82 Resp: 1374045
Ion Ratio Lower Upper
82 100
128 48.6 40.6 60.8
54 44.5 49.6 74.4#



#25
Isophorone
Concen: 41.129 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

Tgt Ion: 82 Resp: 1368519
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

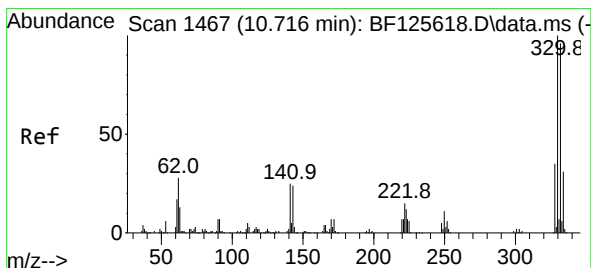
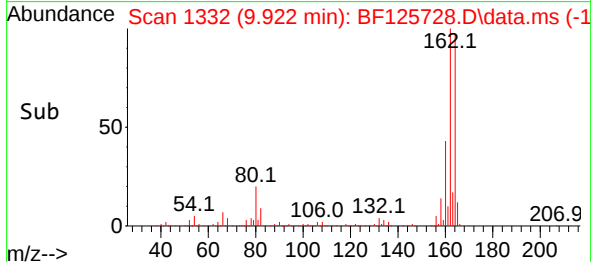
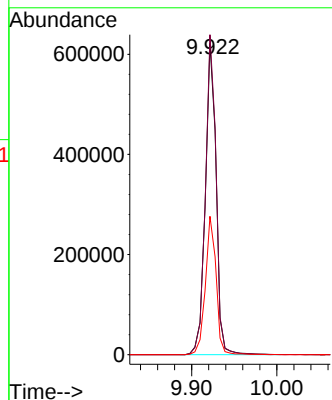
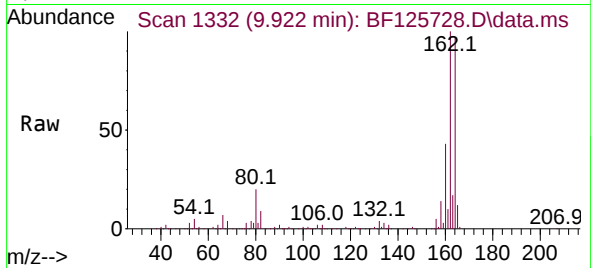




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

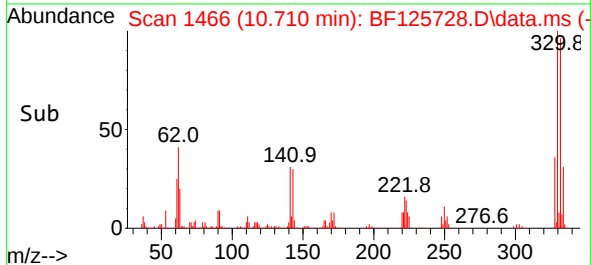
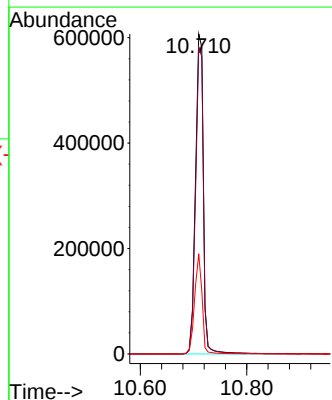
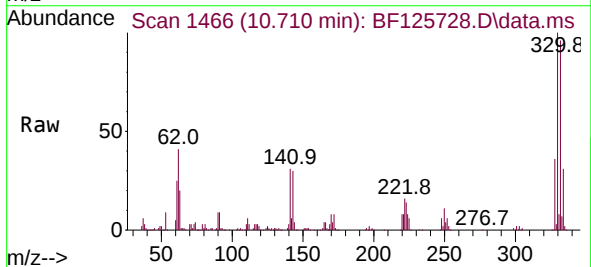
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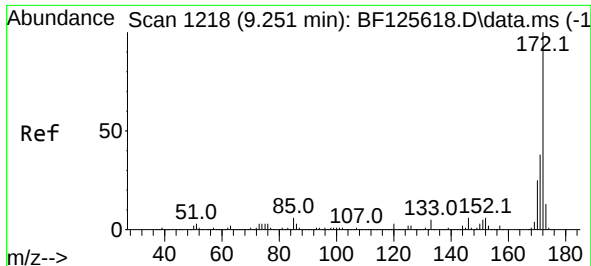
Tgt Ion:164 Resp: 547273
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 44.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 122.520 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

Tgt Ion:330 Resp: 625169
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 29.6 44.6 66.8#

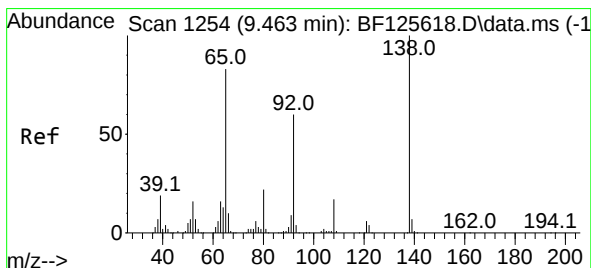
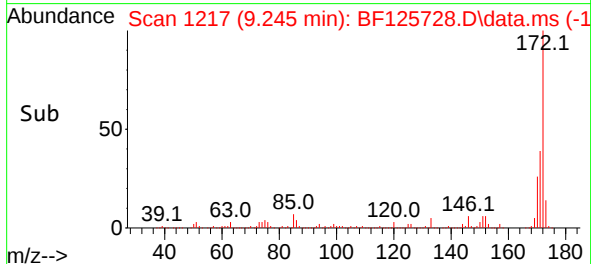
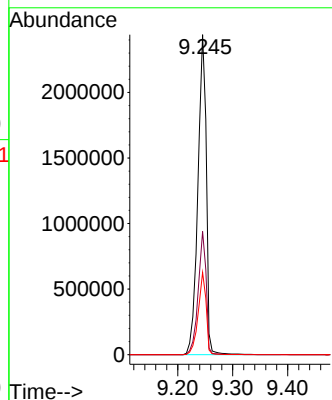
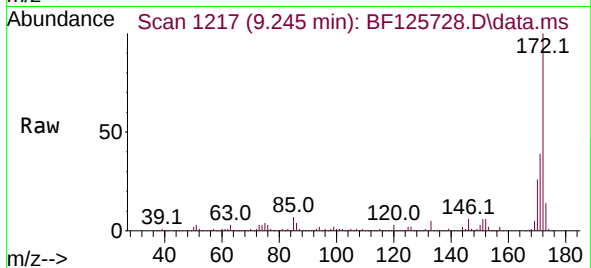




#45
2-Fluorobiphenyl
Concen: 85.608 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

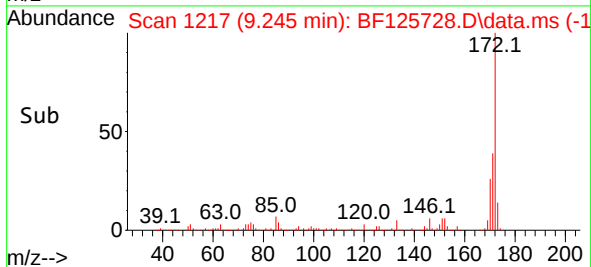
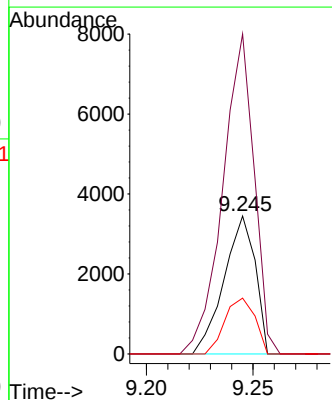
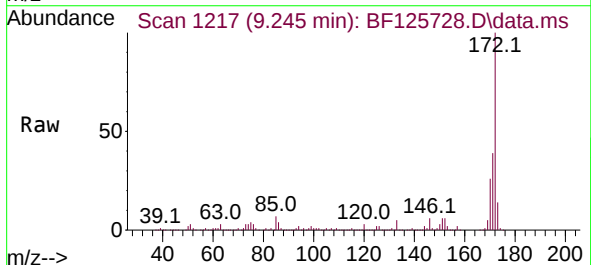
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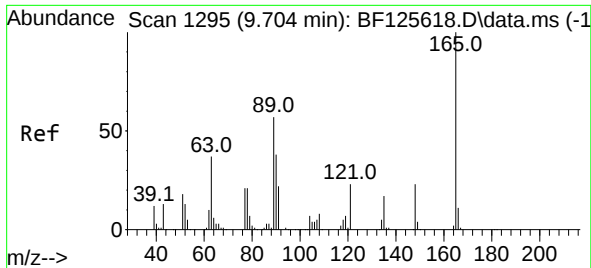
Tgt Ion:172 Resp: 2604525
Ion Ratio Lower Upper
172 100
171 38.5 26.5 39.7
170 25.7 18.8 28.2



#48
2-Nitroaniline
Concen: 4.565 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

Tgt Ion: 65 Resp: 3520
Ion Ratio Lower Upper
65 100
92 232.1 55.5 83.3#
138 40.5 93.5 140.3#

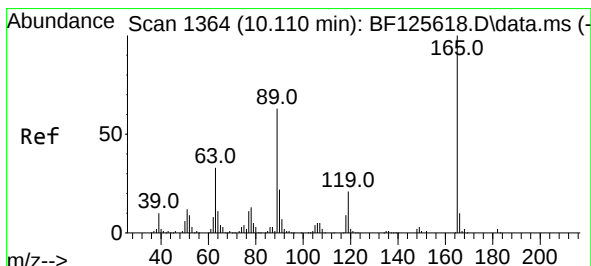
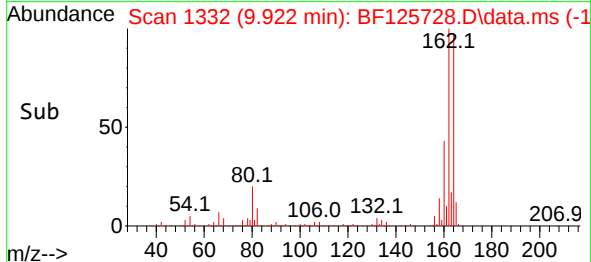
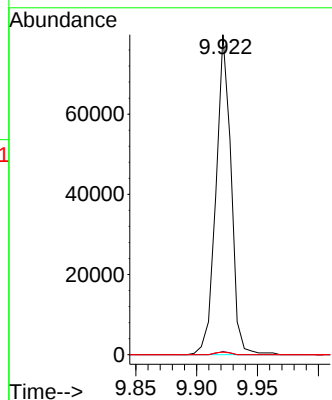
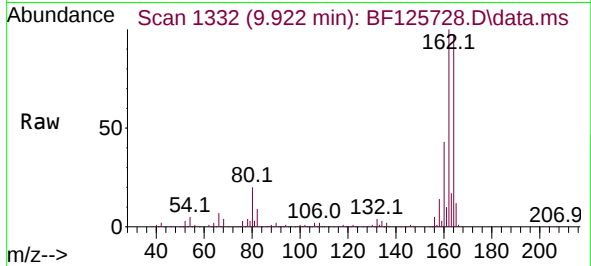




#51
2,6-Dinitrotoluene
Concen: 12.530 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

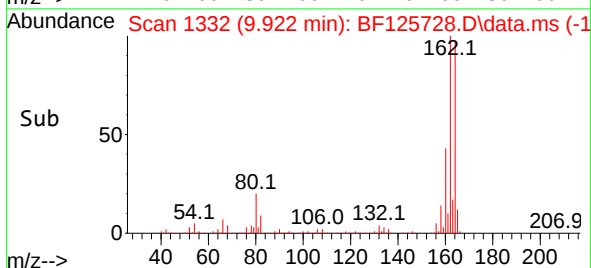
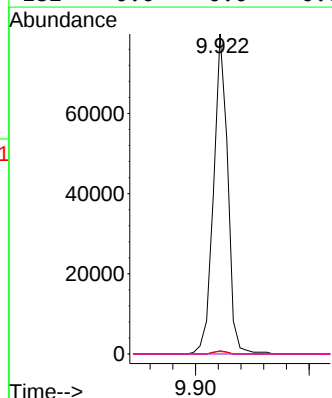
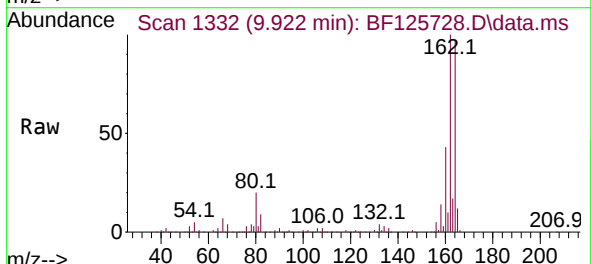
Instrument :
BNA_F
ClientSampleId :
PB139476TB

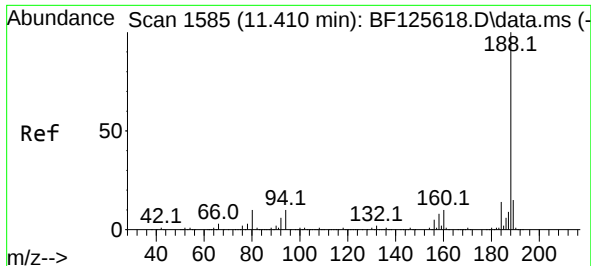
Tgt Ion:165 Resp: 69115
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.441 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

Tgt Ion:165 Resp: 69103
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

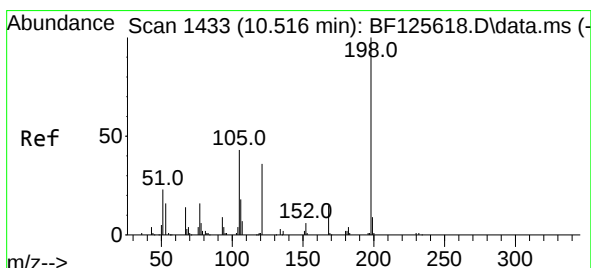
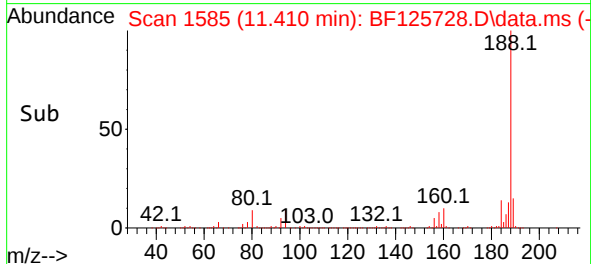
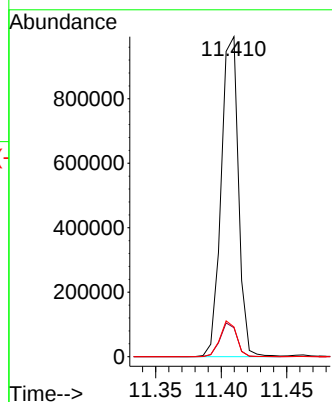
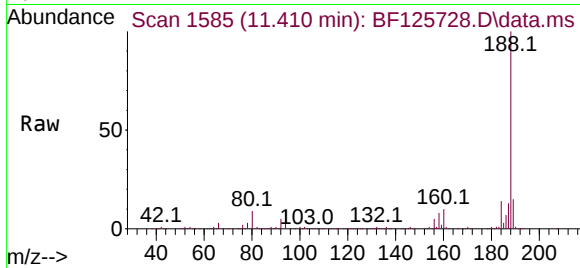




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

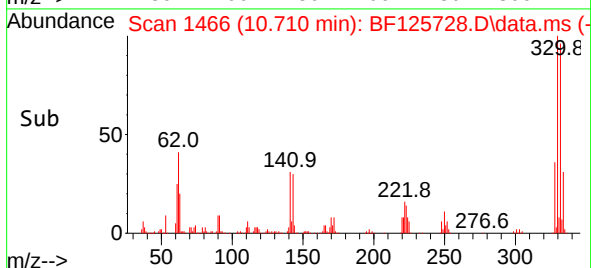
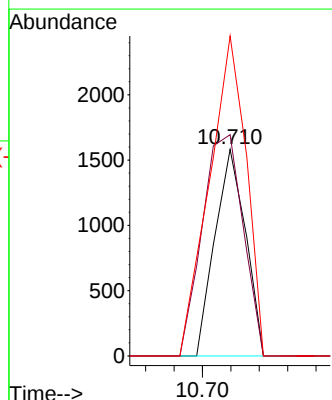
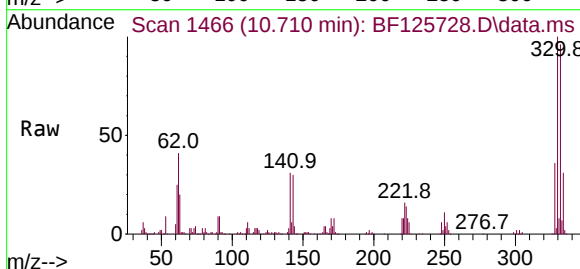
Instrument :
BNA_F
ClientSampleId :
PB139476TB

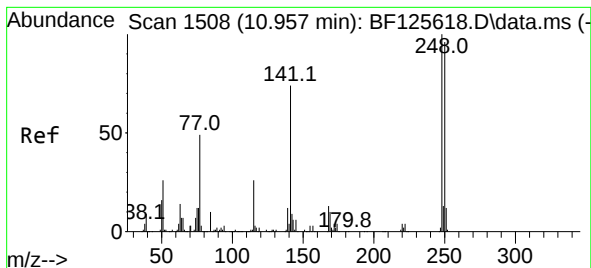
Tgt Ion:188 Resp: 909635
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.3 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.230 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

Tgt Ion:198 Resp: 1180
Ion Ratio Lower Upper
198 100
51 107.1 45.3 85.3#
105 154.9 30.6 70.6#

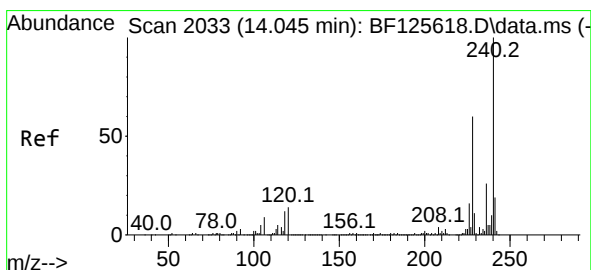
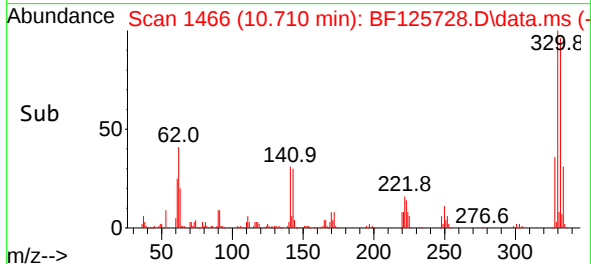
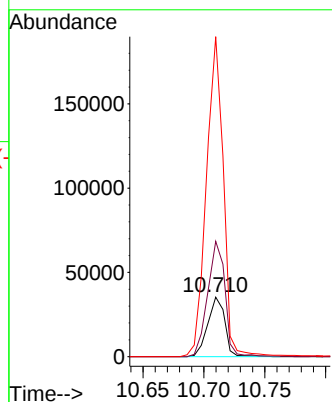
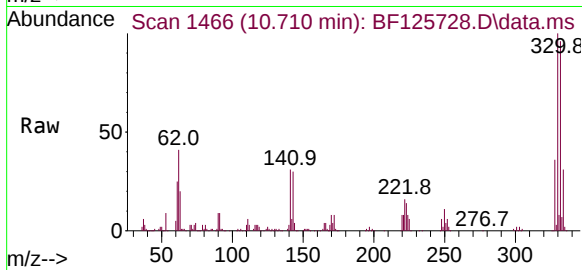




#67
4-Bromophenyl-phenylether
Concen: 3.608 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

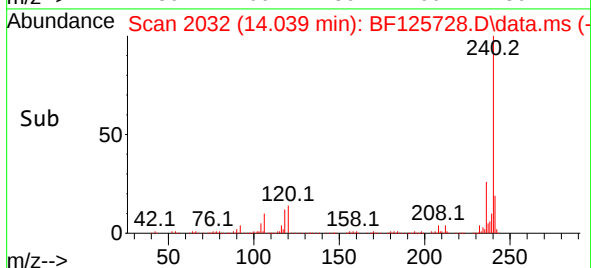
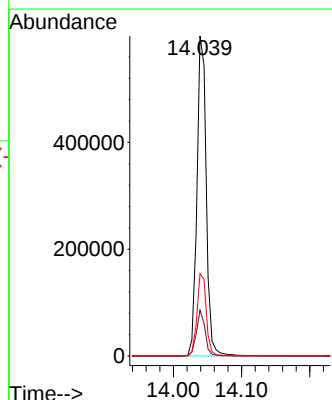
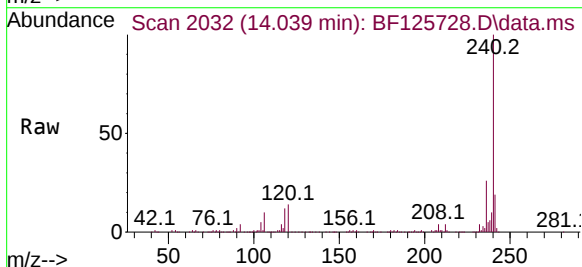
Instrument :
BNA_F
ClientSampleId :
PB139476TB

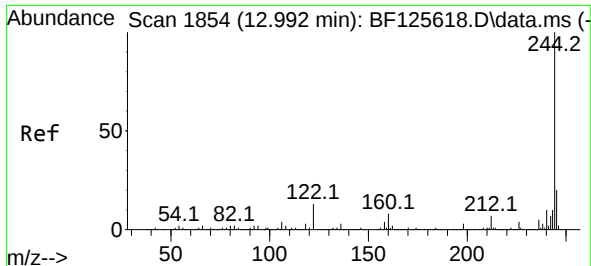
Tgt Ion:248 Resp: 34443
Ion Ratio Lower Upper
248 100
250 193.8 74.2 111.4#
141 537.5 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125728.D
Acq: 30 Sep 2021 12:24

Tgt Ion:240 Resp: 568226
Ion Ratio Lower Upper
240 100
120 14.3 10.8 16.2
236 25.7 21.6 32.4

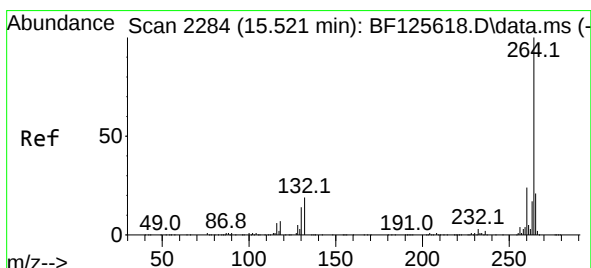
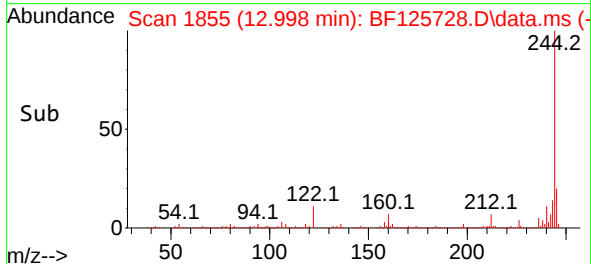
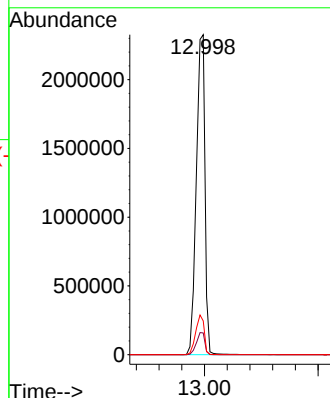
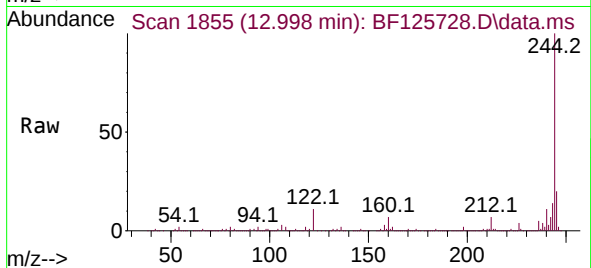




#79
 Terphenyl-d14
 Concen: 75.591 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF125728.D
 Acq: 30 Sep 2021 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB139476TB

Tgt Ion:244 Resp: 2480284
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 10.5 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: BF125728.D
 Acq: 30 Sep 2021 12:24

Tgt Ion:264 Resp: 411454
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 20.4 17.2 25.8

