

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125724.D
 Acq On : 30 Sep 2021 9:50
 Operator : JU/CG
 Sample : PB139476BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139476BL

Quant Time: Sep 30 10:50:39 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)

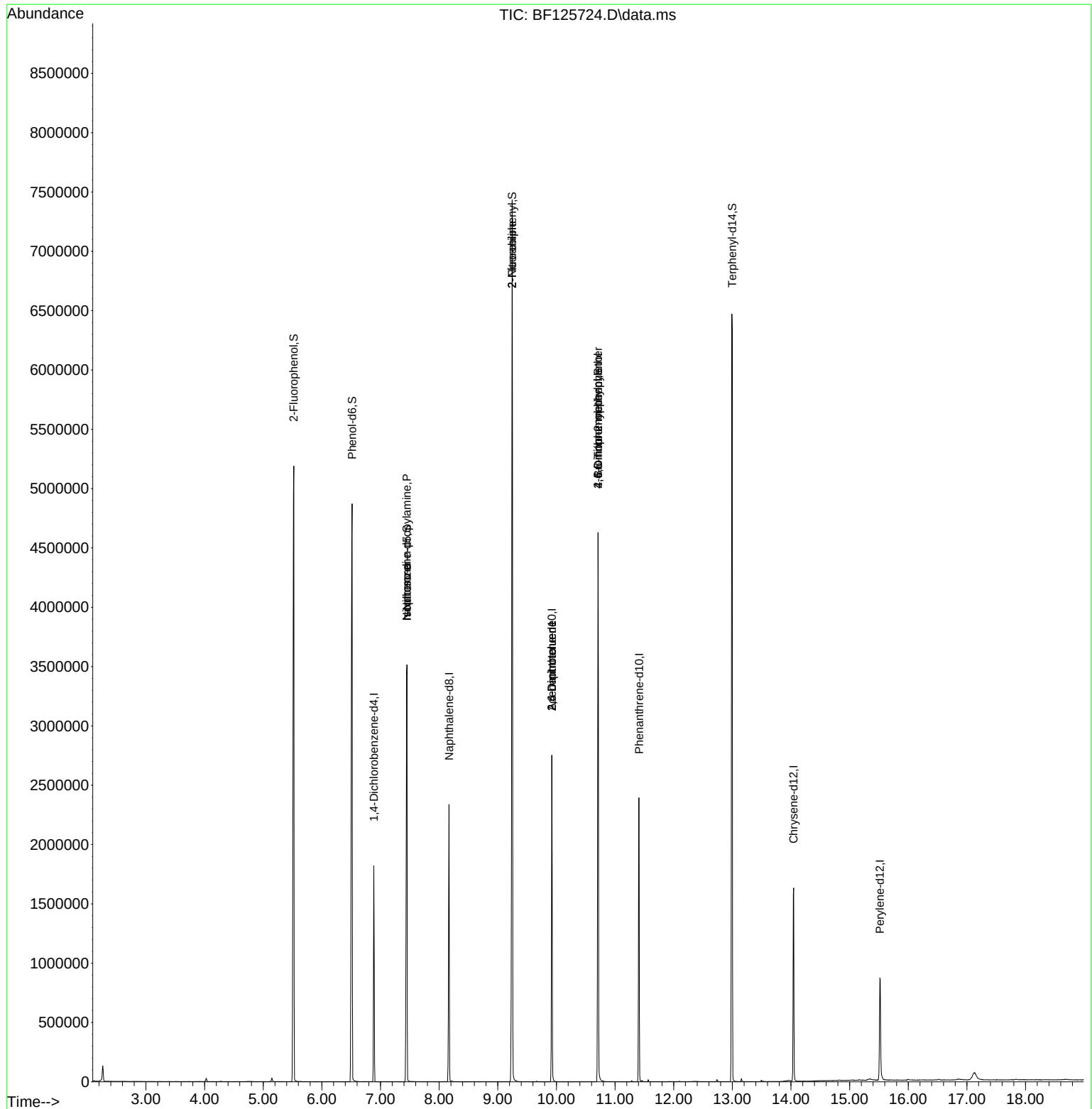
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	262200	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1091195	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	568996	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	940394	20.000	ng	0.00
76) Chrysene-d12	14.045	240	592515	20.000	ng	0.00
86) Perylene-d12	15.515	264	438412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1922565	120.807	ng	0.02
7) Phenol-d6	6.516	99	2334310	109.102	ng	0.00
23) Nitrobenzene-d5	7.451	82	1438450	91.947	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	657337	123.906	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2661848	83.882	ng	0.00
79) Terphenyl-d14	12.998	244	2536188	74.126	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	3235	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	180028	14.778	ng	# 49
25) Isophorone	7.451	82	1434532	40.944	ng	# 59
48) 2-Nitroaniline	9.245	65	3819	4.583	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	70983	12.427	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	70984	11.362	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.710	198	1262	9.237	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	36379	3.686	ng	# 1

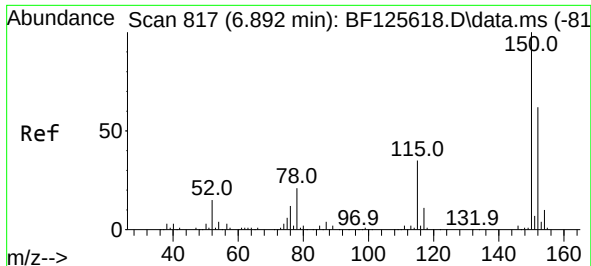
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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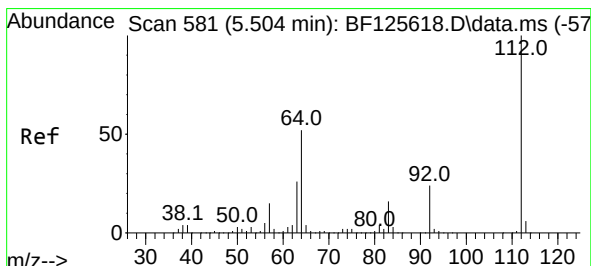
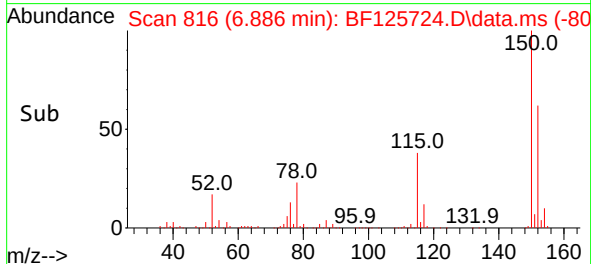
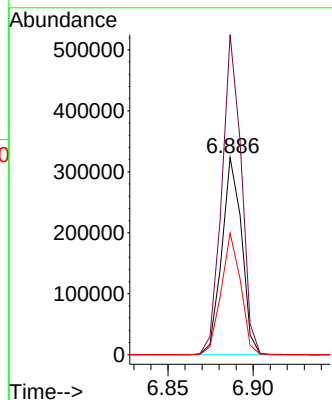
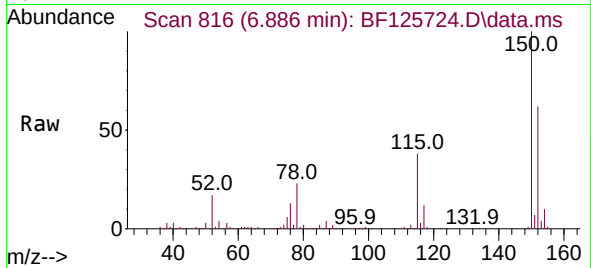




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

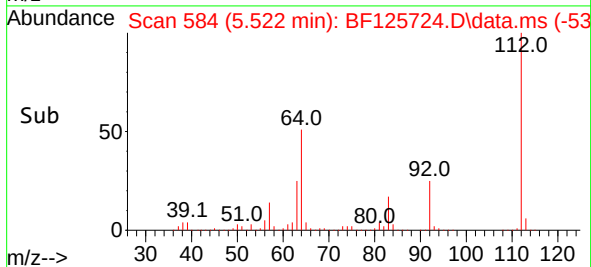
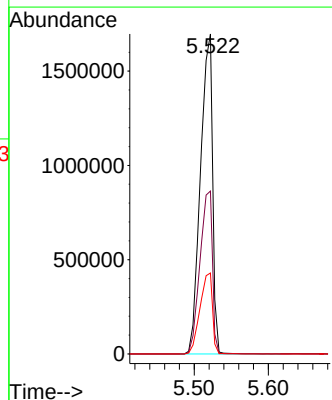
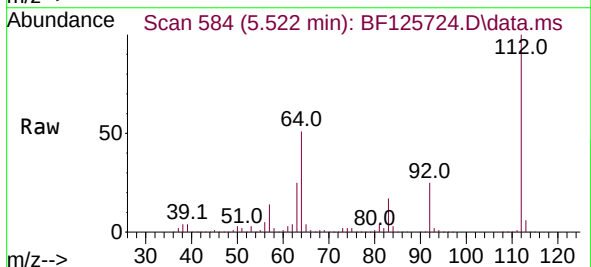
Instrument :
BNA_F
ClientSampleId :
PB139476BL

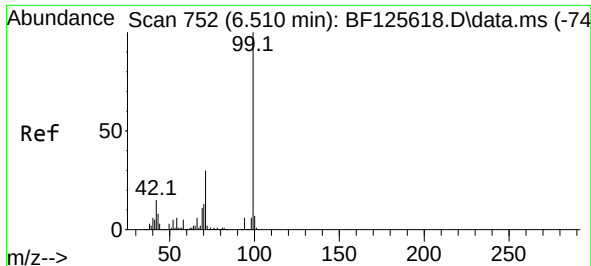
Tgt Ion:152 Resp: 262200
Ion Ratio Lower Upper
152 100
150 162.4 117.6 176.4
115 61.7 47.1 70.7



#5
2-Fluorophenol
Concen: 120.807 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

Tgt Ion:112 Resp: 1922565
Ion Ratio Lower Upper
112 100
64 50.9 44.2 66.2
63 25.3 26.2 39.2#

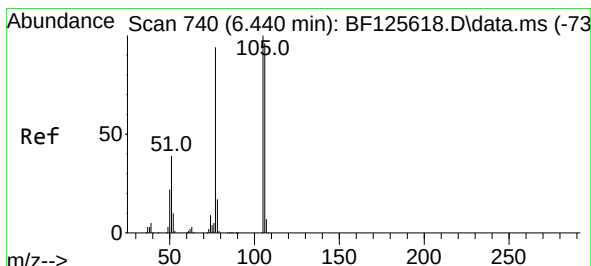
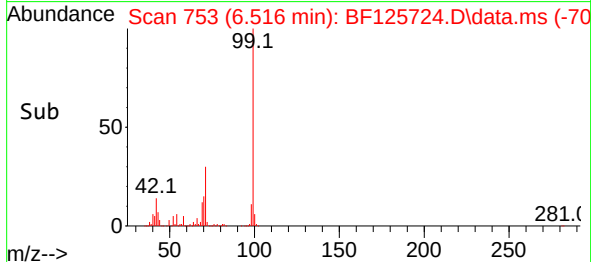
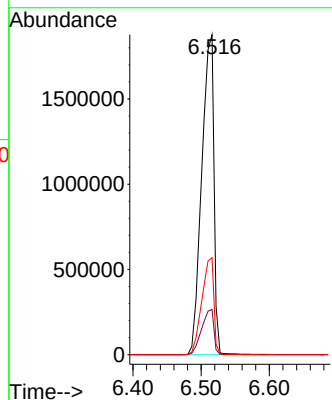
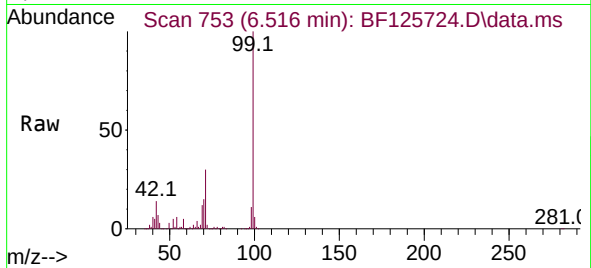




#7
Phenol-d6
Concen: 109.102 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

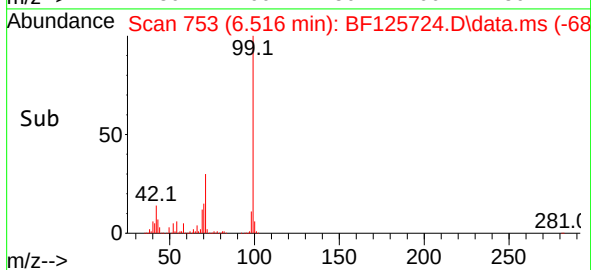
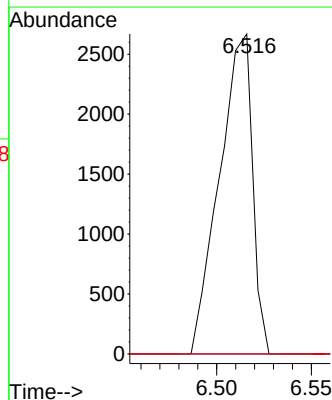
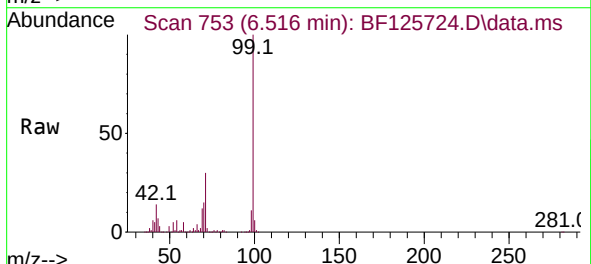
Instrument :
BNA_F
ClientSampleId :
PB139476BL

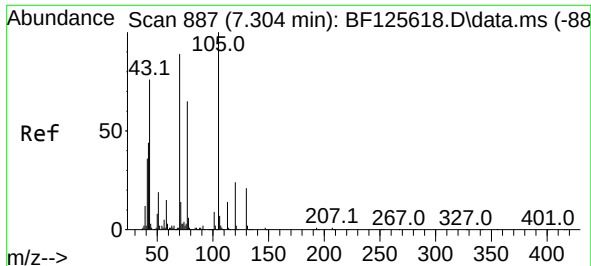
Tgt Ion: 99 Resp: 2334310
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 30.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.076 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

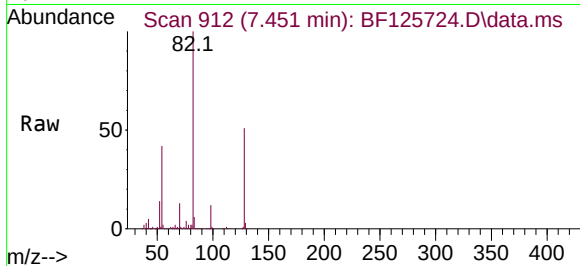
Tgt Ion: 77 Resp: 3235
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



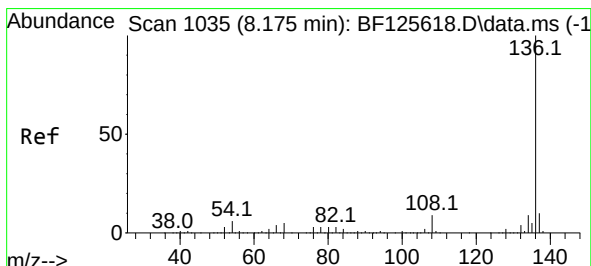
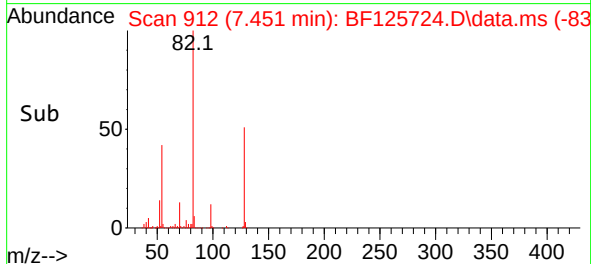
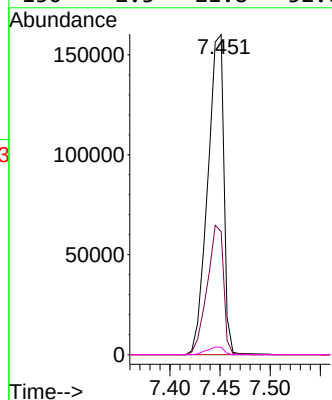


#19
n-Nitroso-di-n-propylamine
Concen: 14.778 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

Instrument :
BNA_F
ClientSampleId :
PB139476BL

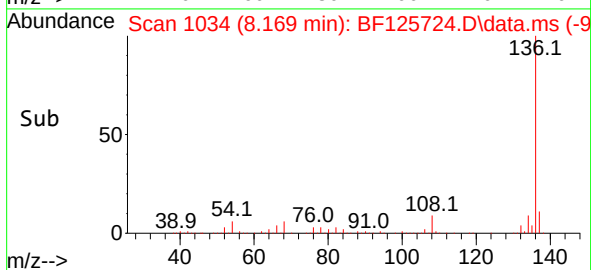
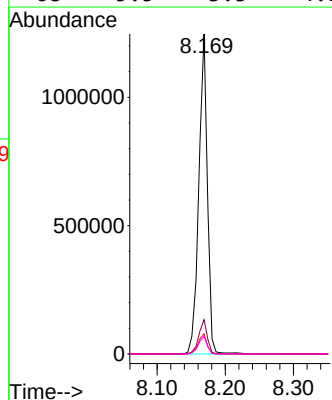
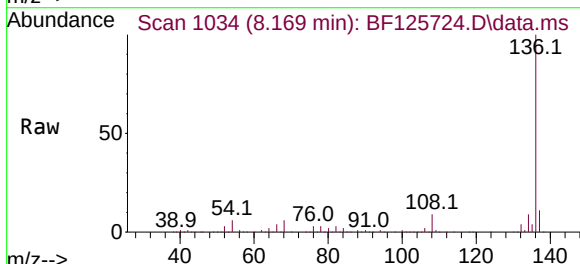


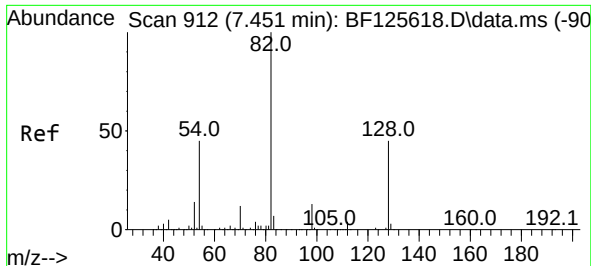
Tgt Ion: 70 Resp: 180028
Ion Ratio Lower Upper
70 100
42 38.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

Tgt Ion: 136 Resp: 1091195
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.2 6.4 9.6#
68 5.5 3.3 4.9#

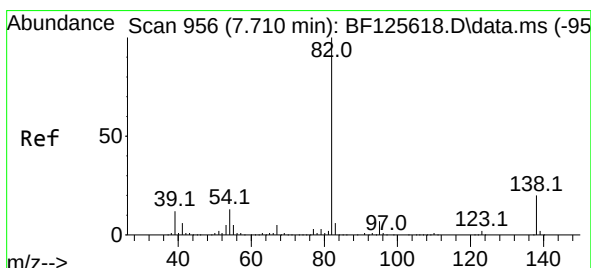
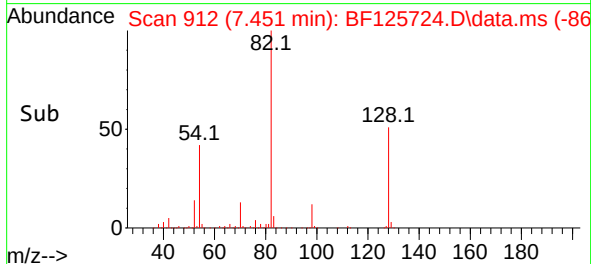
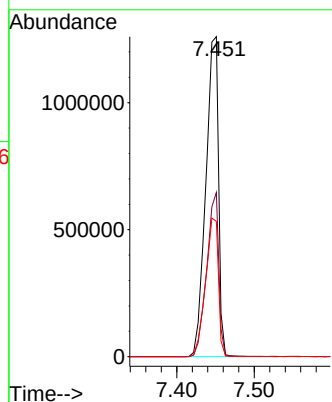
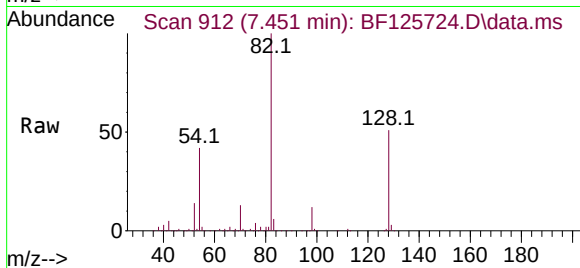




#23
Nitrobenzene-d5
Concen: 91.947 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

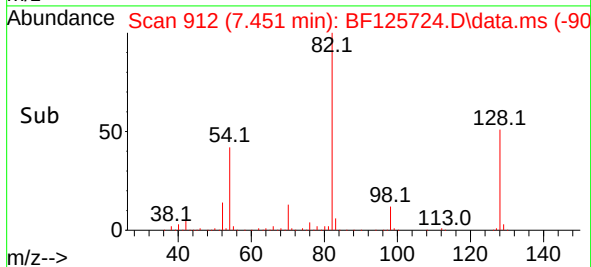
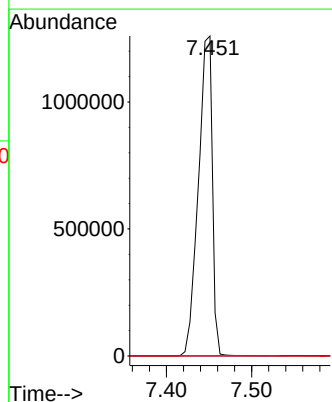
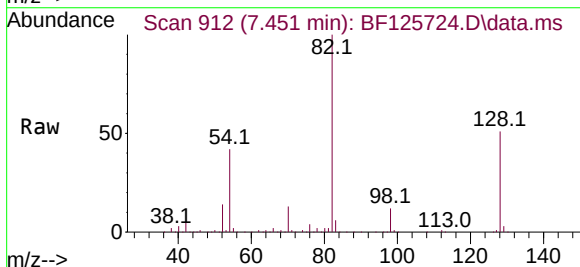
Instrument :
BNA_F
ClientSampleId :
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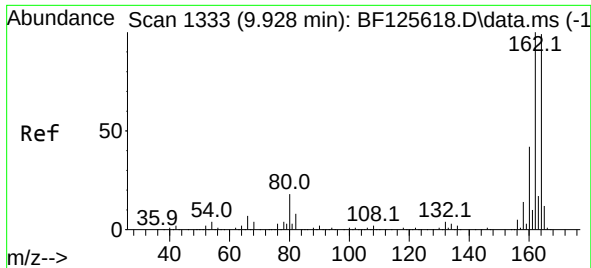
Tgt Ion: 82 Resp: 1438450
Ion Ratio Lower Upper
82 100
128 51.3 40.6 60.8
54 42.3 49.6 74.4#



#25
Isophorone
Concen: 40.944 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

Tgt Ion: 82 Resp: 1434532
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

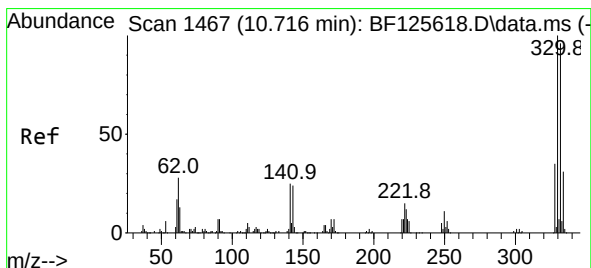
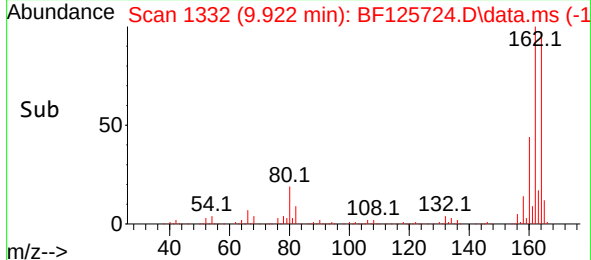
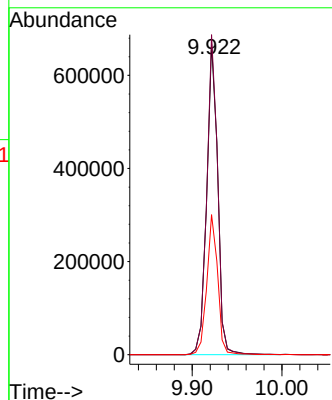
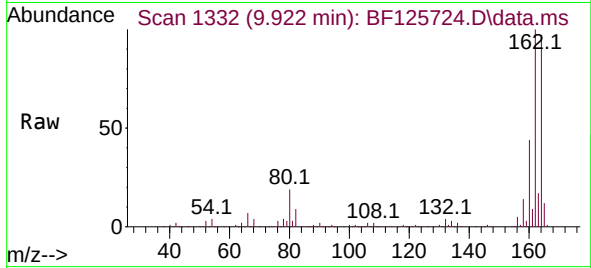




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

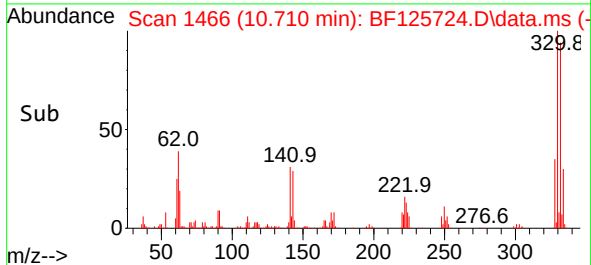
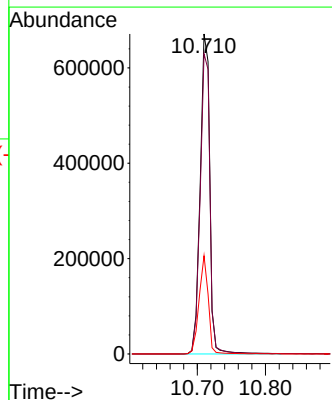
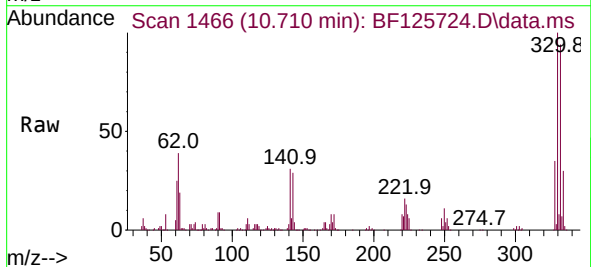
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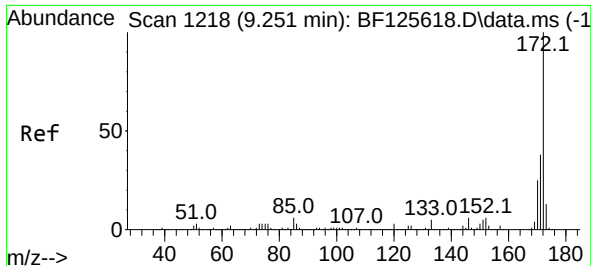
Tgt Ion:164 Resp: 568996
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 45.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 123.906 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

Tgt Ion:330 Resp: 657337
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 29.4 44.6 66.8#

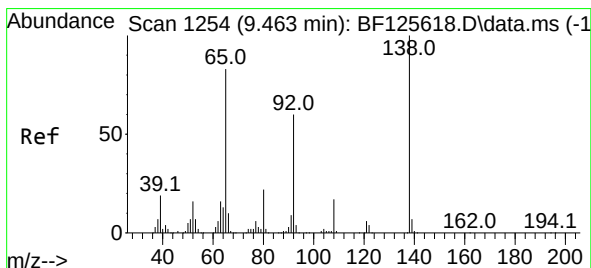
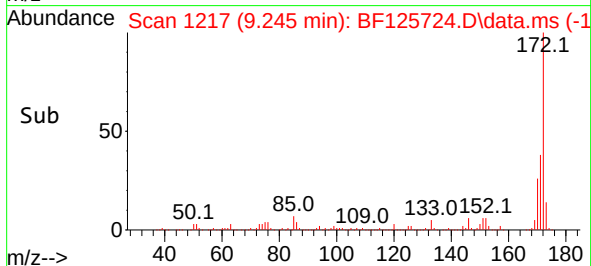
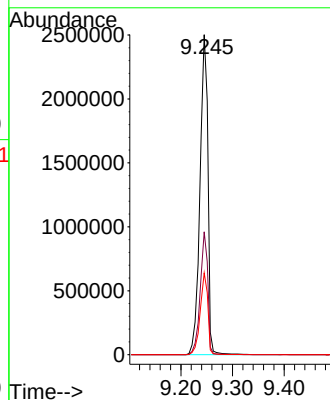
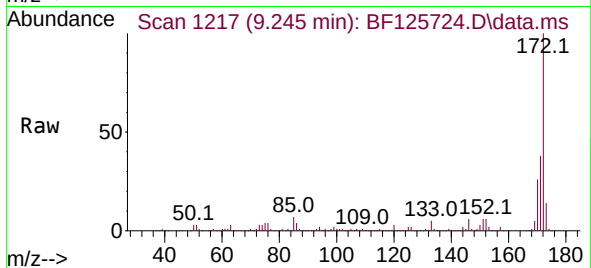




#45
2-Fluorobiphenyl
Concen: 83.882 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

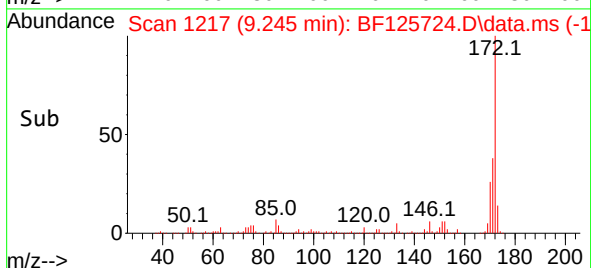
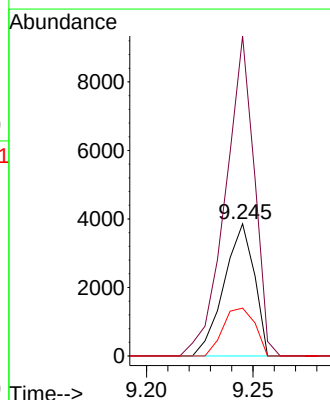
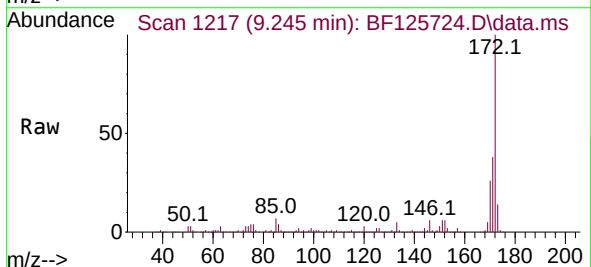
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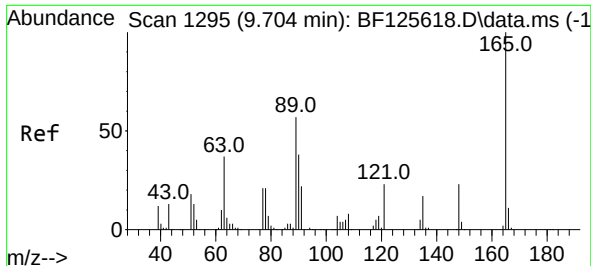
Tgt Ion:172 Resp: 2661848
Ion Ratio Lower Upper
172 100
171 38.4 26.5 39.7
170 25.5 18.8 28.2



#48
2-Nitroaniline
Concen: 4.583 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

Tgt Ion: 65 Resp: 3819
Ion Ratio Lower Upper
65 100
92 242.1 55.5 83.3#
138 36.2 93.5 140.3#

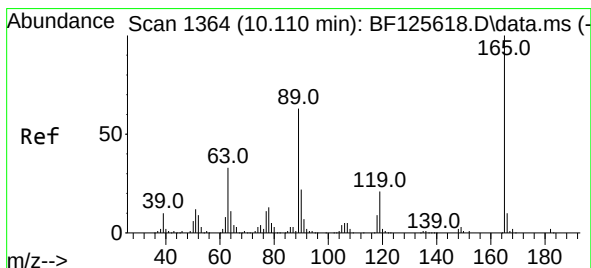
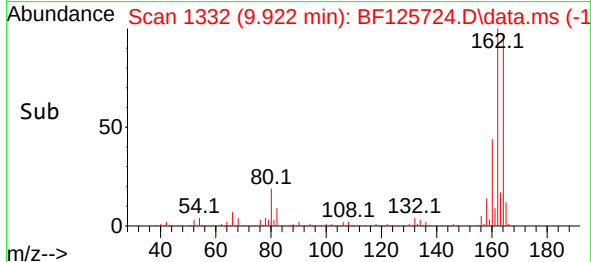
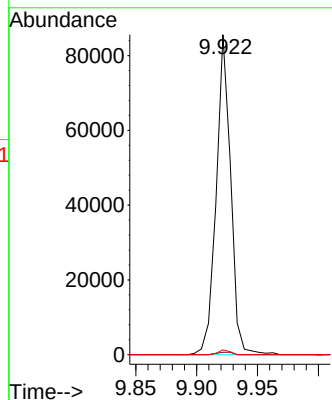
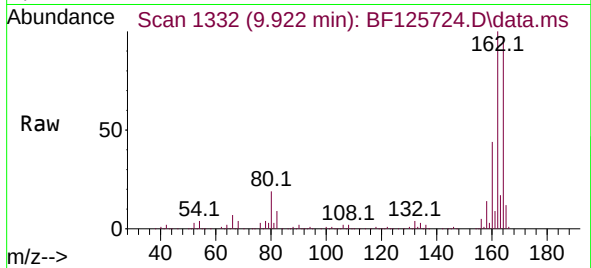




#51
2,6-Dinitrotoluene
Concen: 12.427 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

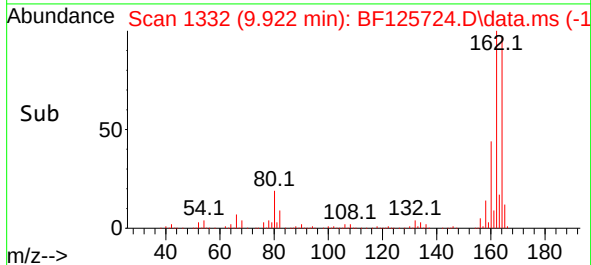
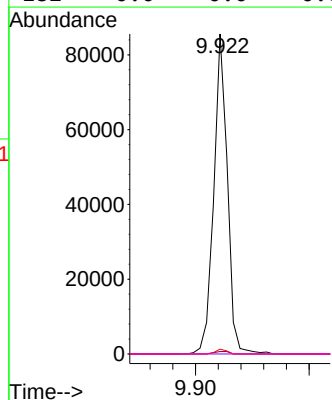
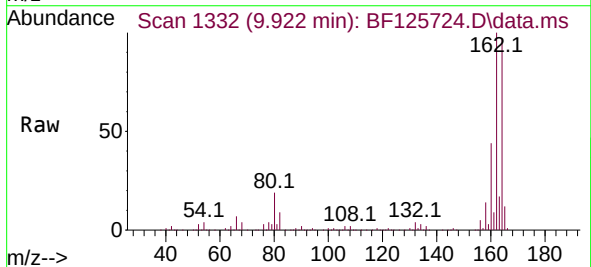
Instrument :
BNA_F
ClientSampleId :
PB139476BL

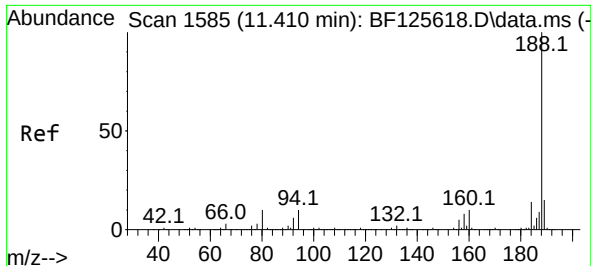
Tgt Ion:165 Resp: 70983
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.362 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

Tgt Ion:165 Resp: 70984
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

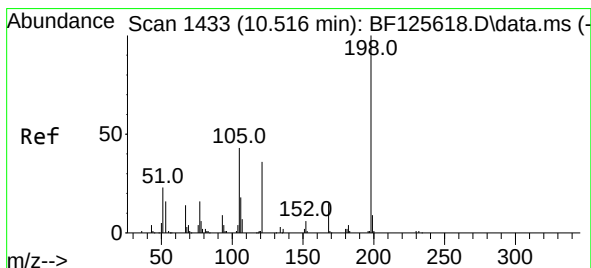
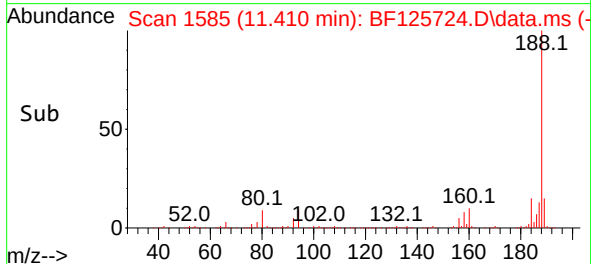
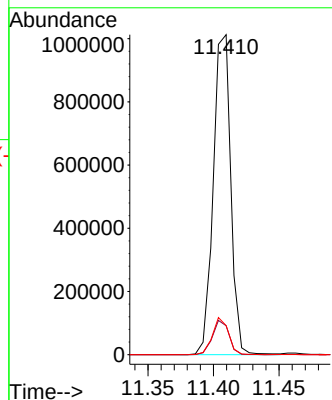
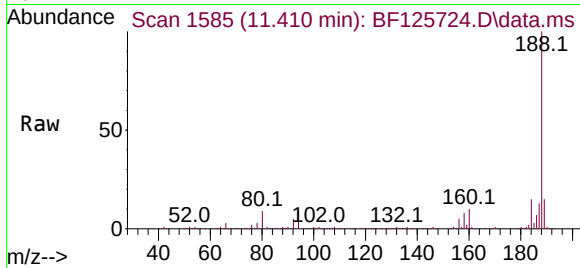




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

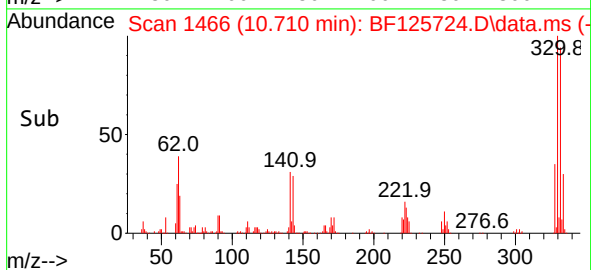
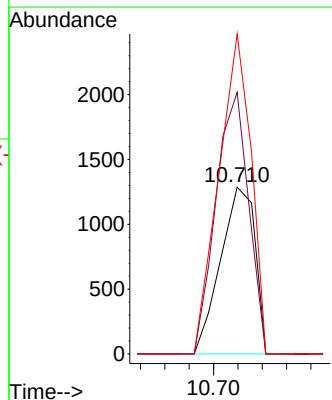
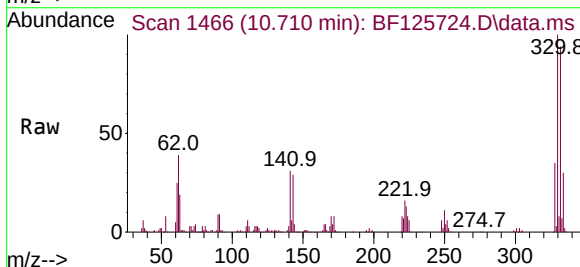
Instrument :
BNA_F
ClientSampleId :
PB139476BL

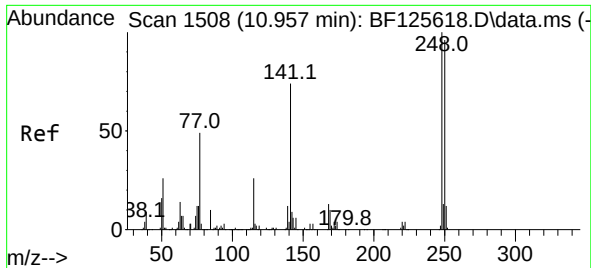
Tgt Ion:188 Resp: 940394
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.1 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.237 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

Tgt Ion:198 Resp: 1262
Ion Ratio Lower Upper
198 100
51 156.8 45.3 85.3#
105 191.8 30.6 70.6#

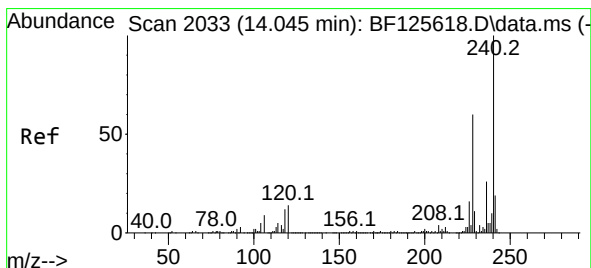
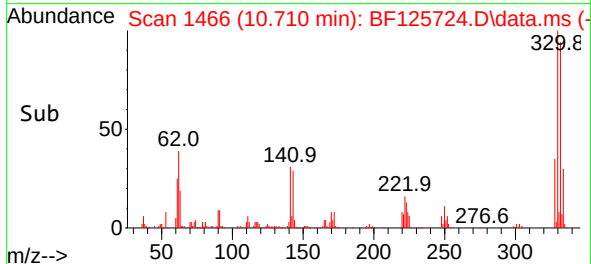
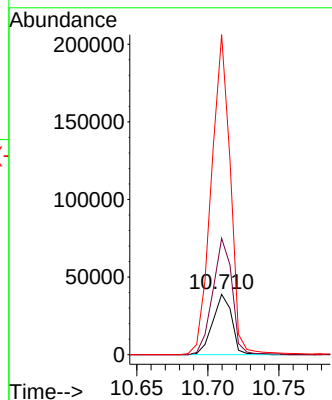
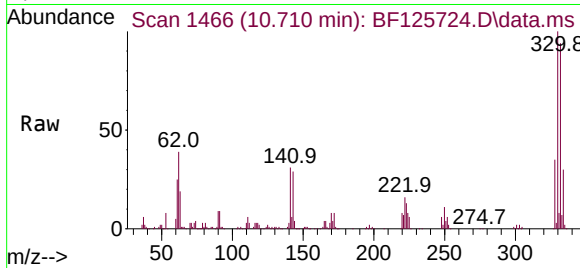




#67
4-Bromophenyl-phenylether
Concen: 3.686 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

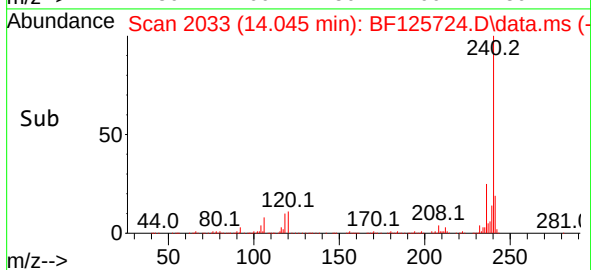
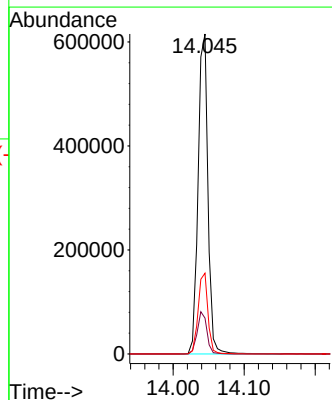
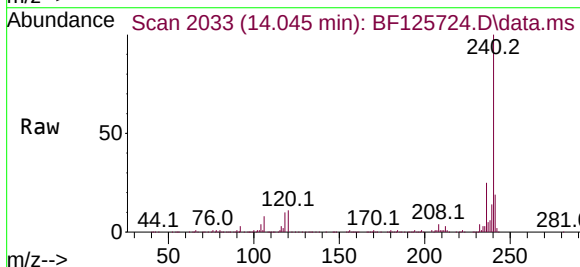
Instrument :
BNA_F
ClientSampleId :
PB139476BL

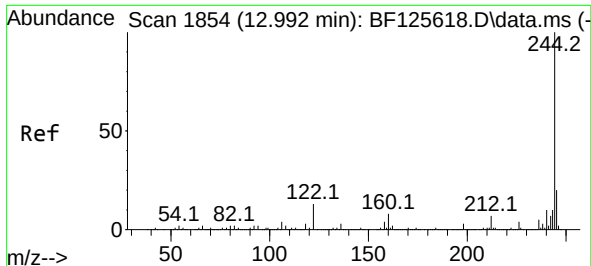
Tgt Ion:248 Resp: 36379
Ion Ratio Lower Upper
248 100
250 192.8 74.2 111.4#
141 530.2 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125724.D
Acq: 30 Sep 2021 9:50

Tgt Ion:240 Resp: 592515
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 25.3 21.6 32.4

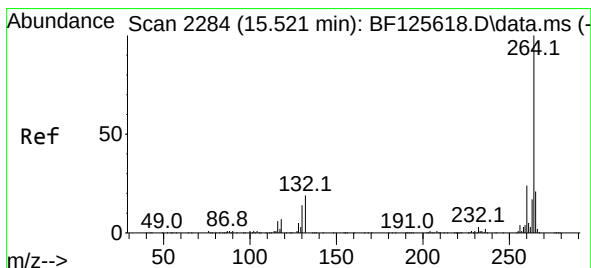
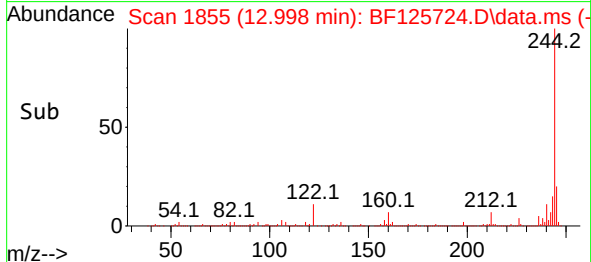
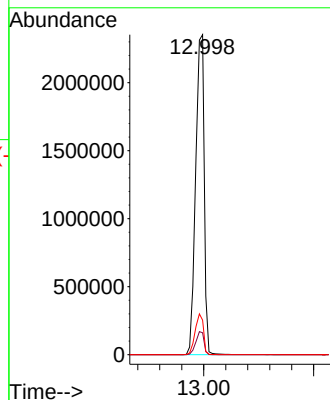
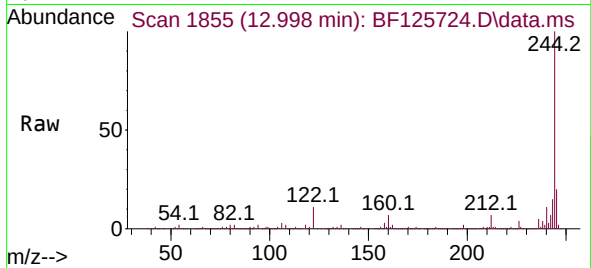




#79
 Terphenyl-d14
 Concen: 74.126 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF125724.D
 Acq: 30 Sep 2021 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB139476BL

Tgt Ion:244 Resp: 2536188
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.8 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF125724.D
 Acq: 30 Sep 2021 9:50

Tgt Ion:264 Resp: 438412
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 20.0 17.2 25.8

