

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125733.D
 Acq On : 30 Sep 2021 15:03
 Operator : JU/CG
 Sample : M3971-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RP-COMP-3

Quant Time: Sep 30 15:27:14 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)

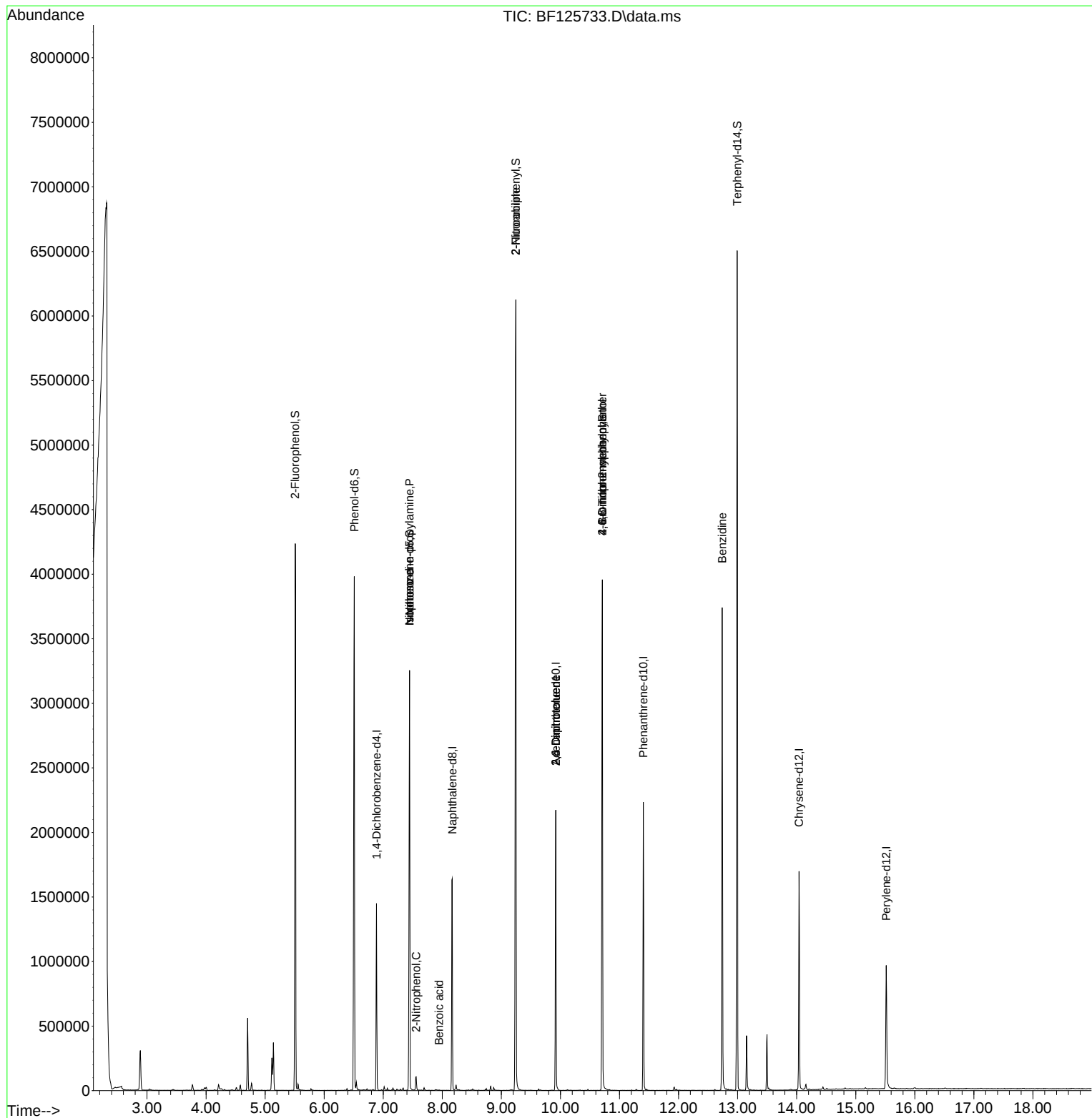
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	205227	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	829131	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	437895	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	761165	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	564908	20.000	ng	0.00
86) Perylene-d12	15.515	264	435192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1411079	113.282	ng	0.00
7) Phenol-d6	6.510	99	1565929	93.507	ng	0.00
23) Nitrobenzene-d5	7.445	82	1100401	92.571	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	569729	139.544	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2157738	89.200	ng	0.00
79) Terphenyl-d14	12.992	244	2409624	73.869	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	2248	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	137510	14.422	ng	# 49
25) Isophorone	7.445	82	1098106	41.248	ng	# 59
26) 2-Nitrophenol	7.557	139	910	5.860	ng	# 68
32) Benzoic acid	7.945	122	371	8.663	ng	# 30
48) 2-Nitroaniline	9.245	65	3181	4.618	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	56334	12.687	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	56334	11.566	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.710	198	1053	9.244	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	30487	3.817	ng	# 1
77) Benzidine	12.739	184	1431818	96.482	ng	97

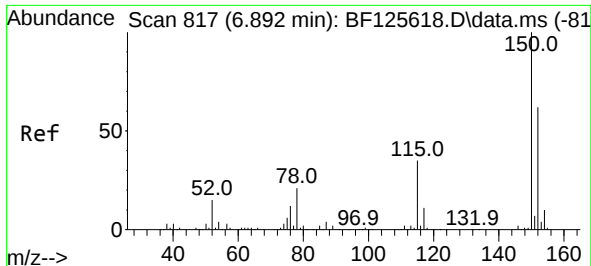
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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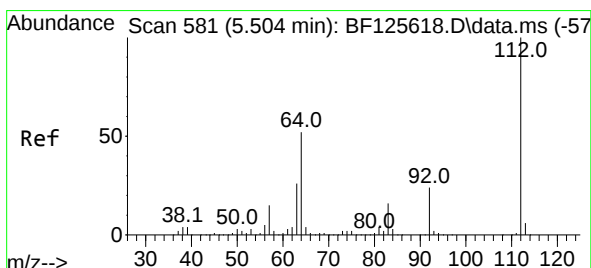
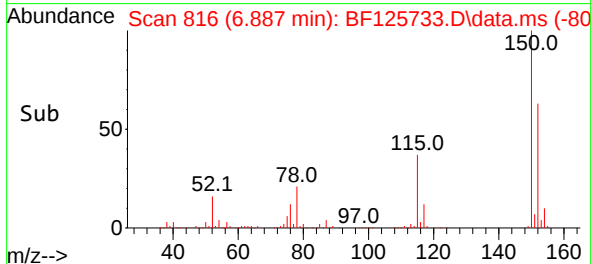
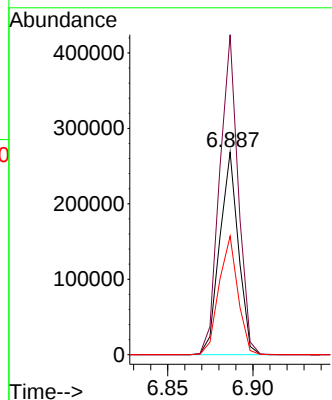
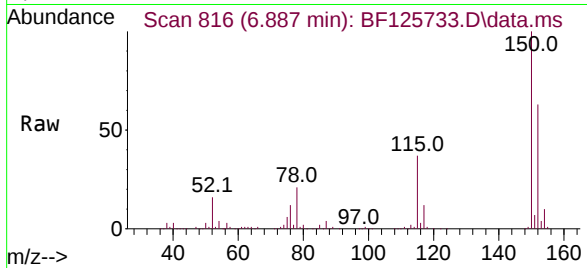




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

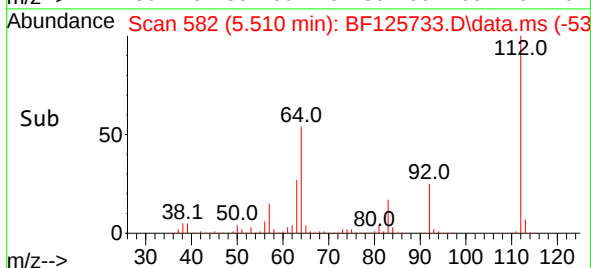
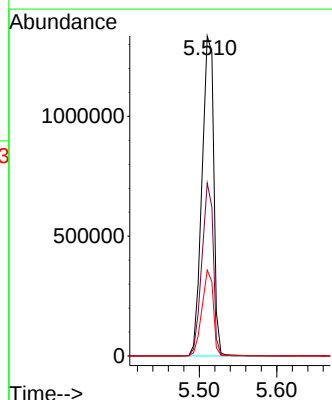
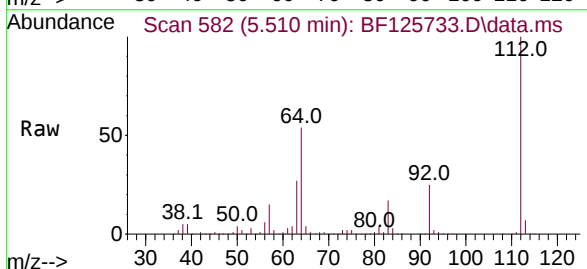
Instrument :
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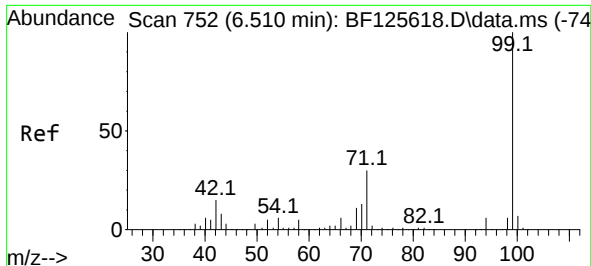
Tgt Ion:152 Resp: 205227
Ion Ratio Lower Upper
152 100
150 158.0 117.6 176.4
115 58.6 47.1 70.7



#5
2-Fluorophenol
Concen: 113.282 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion:112 Resp: 1411079
Ion Ratio Lower Upper
112 100
64 54.0 44.2 66.2
63 26.9 26.2 39.2

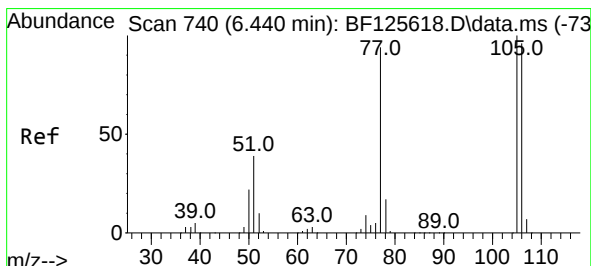
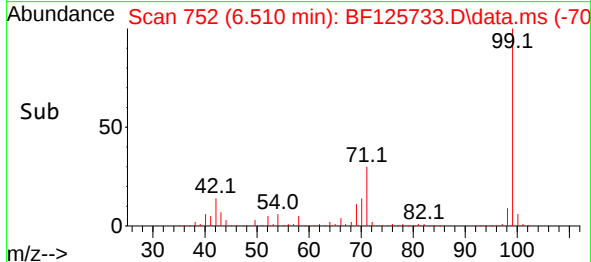
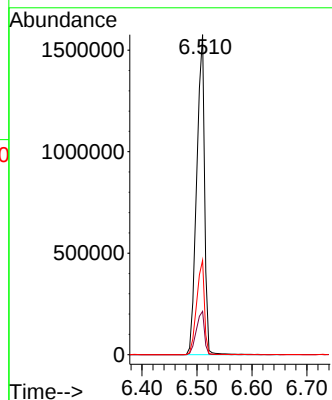
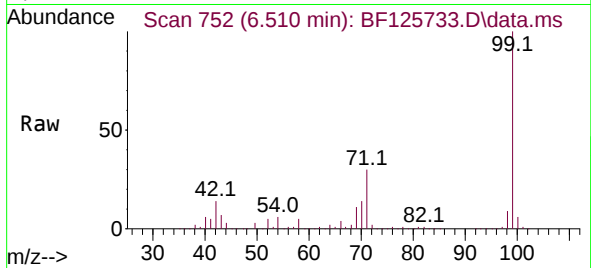




#7
Phenol-d6
Concen: 93.507 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

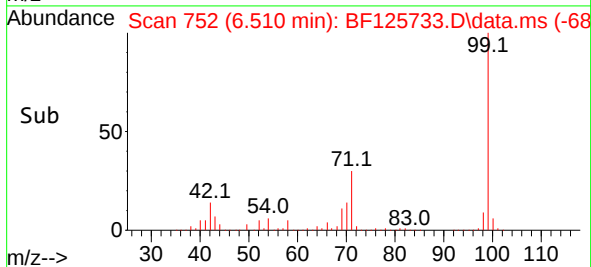
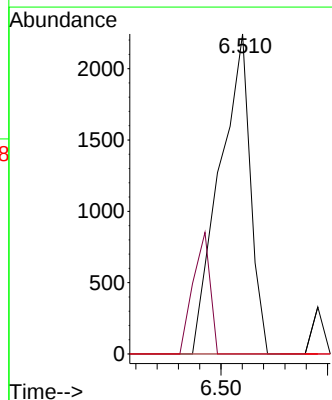
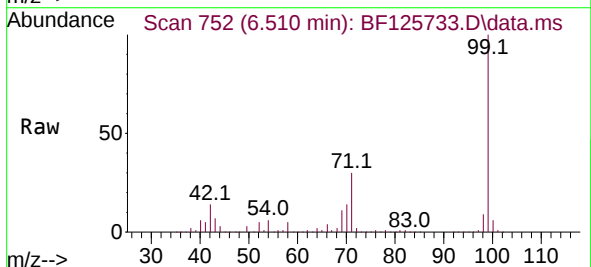
Instrument :
BNA_F
ClientSampleId :
RP-COMP-3

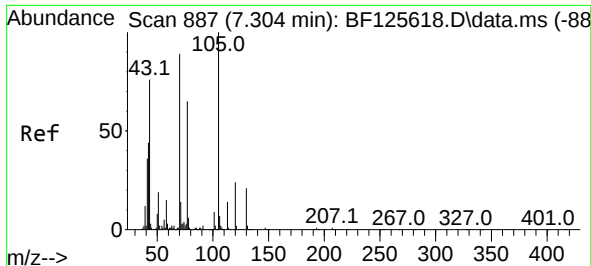
Tgt Ion: 99 Resp: 1565929
Ion Ratio Lower Upper
99 100
42 13.6 23.5 35.3#
71 29.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion: 77 Resp: 2248
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

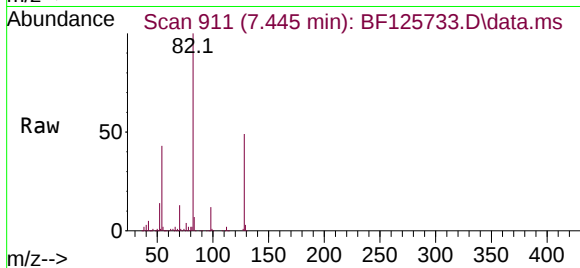




#19

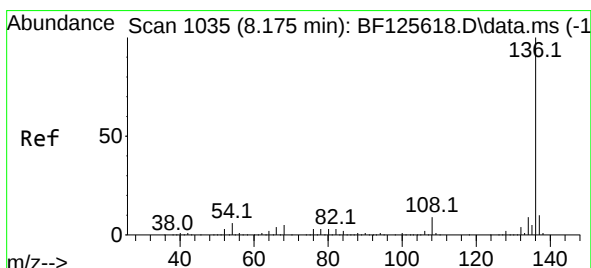
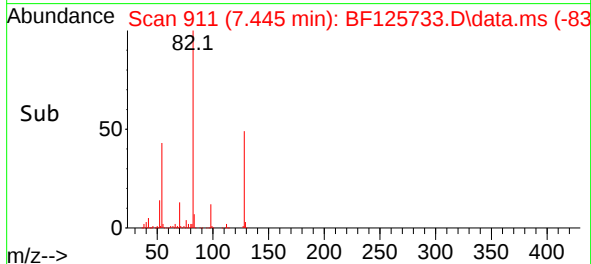
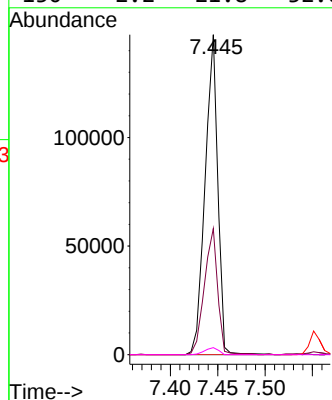
n-Nitroso-di-n-propylamine
 Concen: 14.422 ng
 RT: 7.445 min Scan# 911
 Delta R.T. 0.141 min
 Lab File: BF125733.D
 Acq: 30 Sep 2021 15:03

Instrument :
 BNA_F
 ClientSampleId :
 RP-COMP-3



Tgt Ion: 70 Resp: 137510

Ion	Ratio	Lower	Upper
70	100		
42	39.4	72.2	108.2#
101	0.0	7.8	11.8#
130	2.2	21.8	32.6#

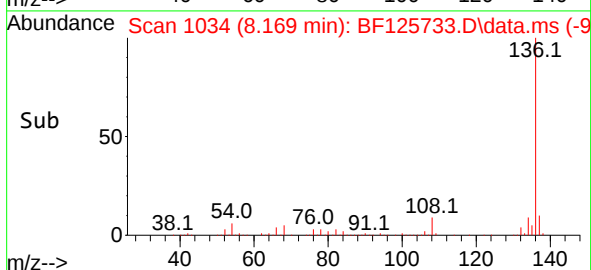
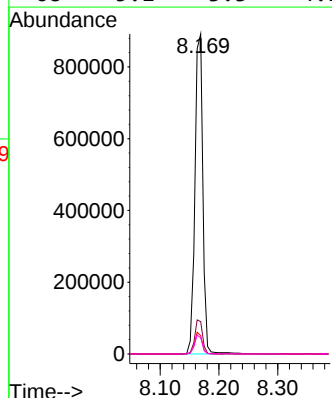
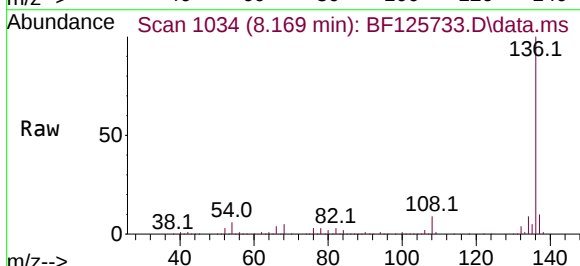


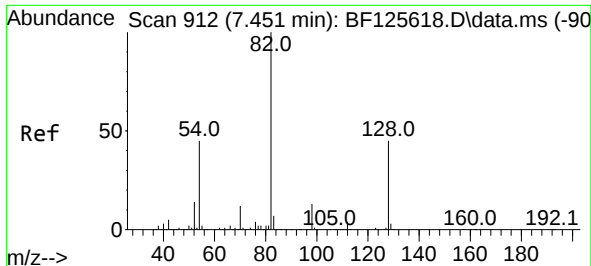
#21

Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.169 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: BF125733.D
 Acq: 30 Sep 2021 15:03

Tgt Ion: 136 Resp: 829131

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.8	14.6
54	5.7	6.4	9.6#
68	5.1	3.3	4.9#

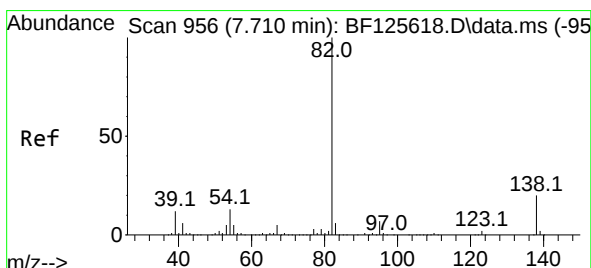
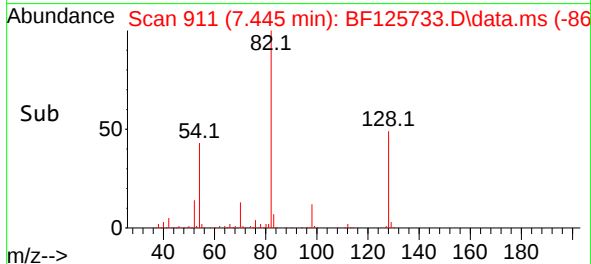
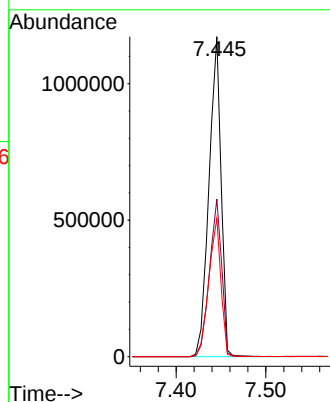
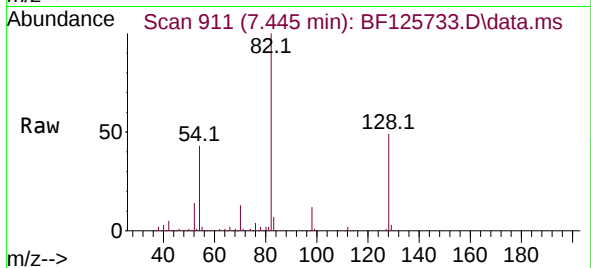




#23
Nitrobenzene-d5
Concen: 92.571 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

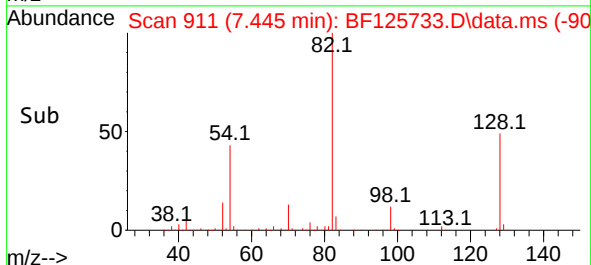
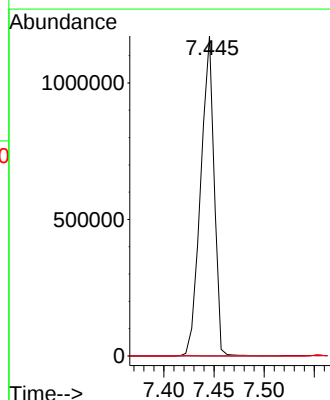
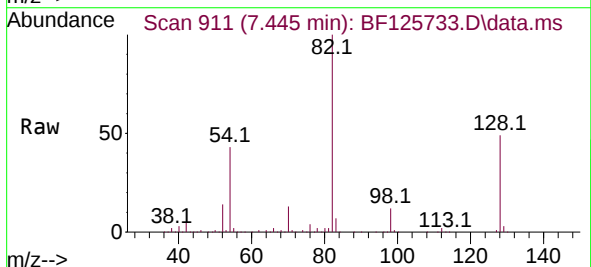
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BNA_F
ClientSampleId :
RP-COMP-3

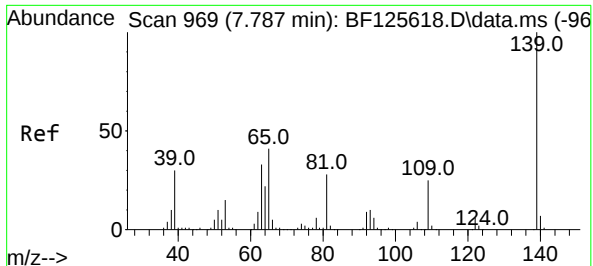
Tgt Ion: 82 Resp: 1100401
Ion Ratio Lower Upper
82 100
128 49.3 40.6 60.8
54 43.3 49.6 74.4#



#25
Isophorone
Concen: 41.248 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion: 82 Resp: 1098106
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

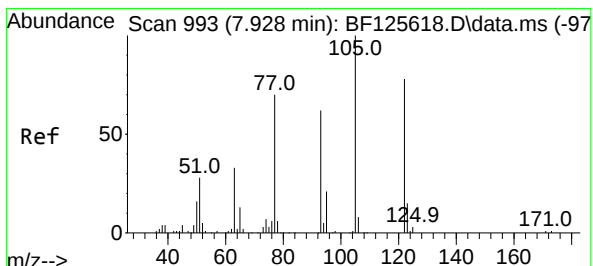
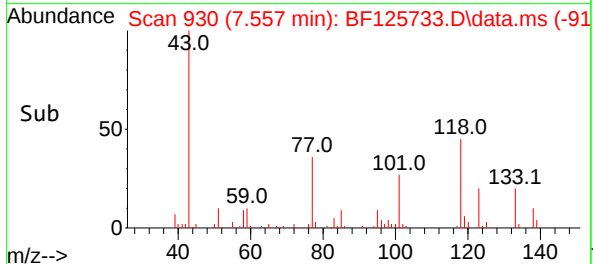
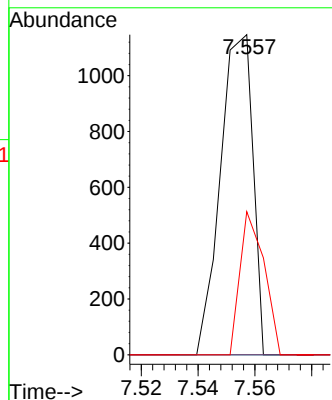
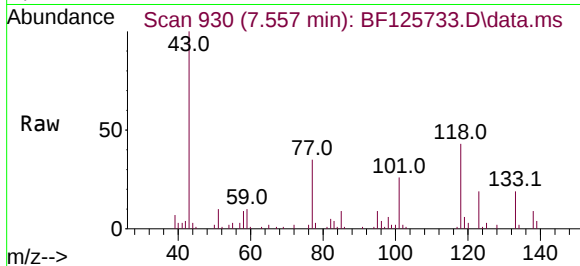




#26
2-Nitrophenol
Concen: 5.860 ng
RT: 7.557 min Scan# 930
Delta R.T. -0.230 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

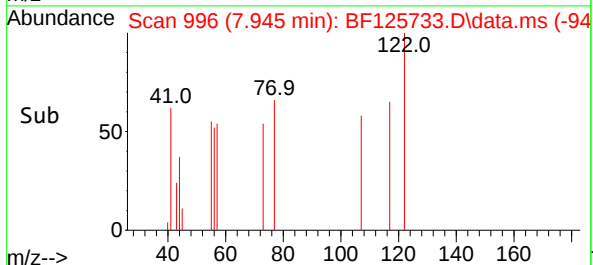
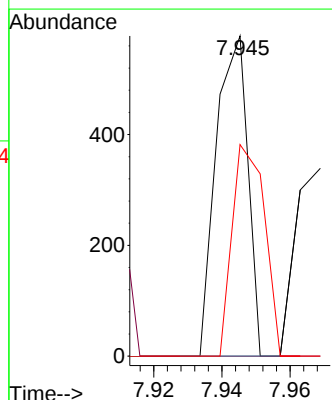
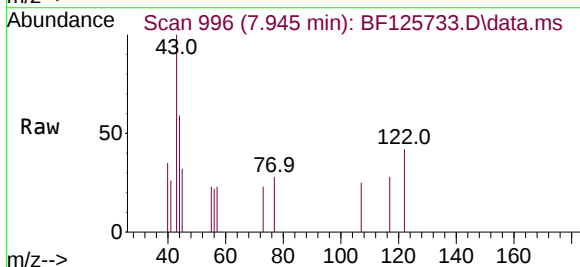
Instrument :
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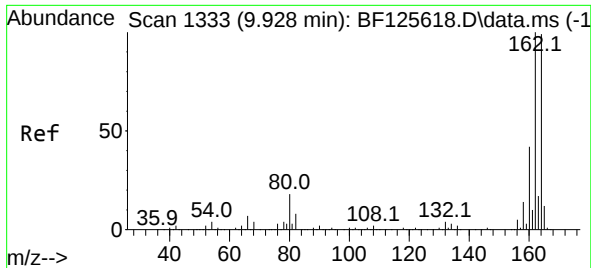
Tgt Ion:139 Resp: 910
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 44.7 31.0 46.4



#32
Benzoic acid
Concen: 8.663 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.017 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion:122 Resp: 371
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 66.1 59.6 99.6

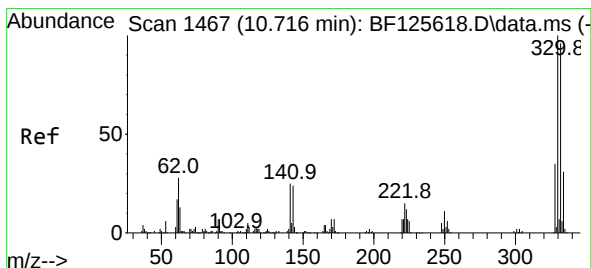
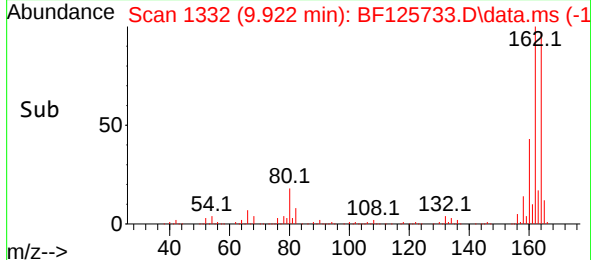
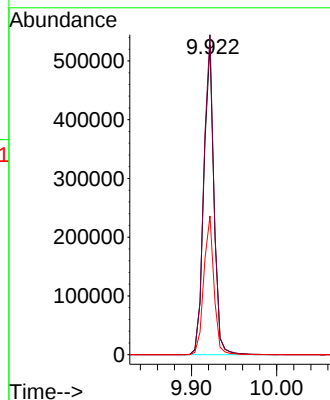
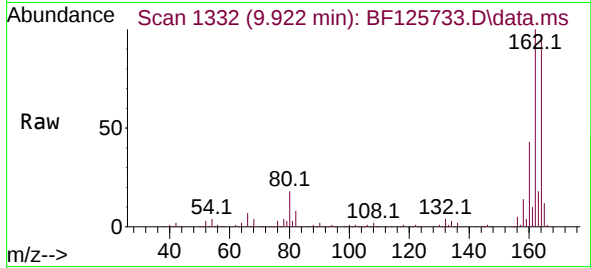




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

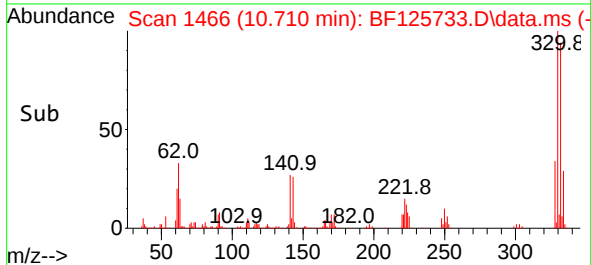
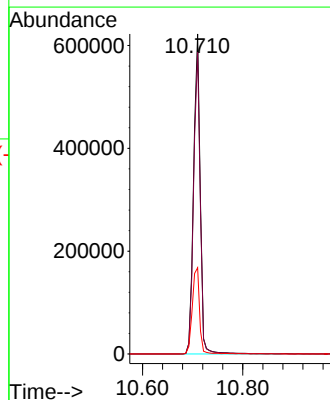
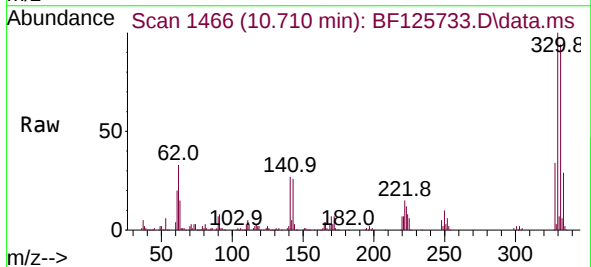
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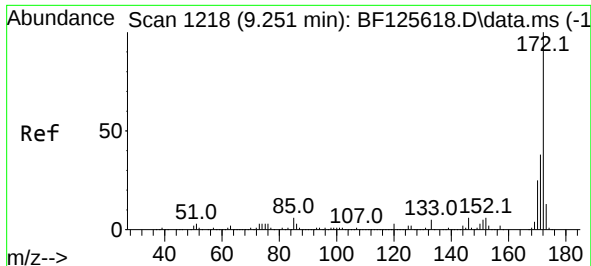
Tgt Ion:164 Resp: 437895
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 44.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 139.544 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion:330 Resp: 569729
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 29.8 44.6 66.8#

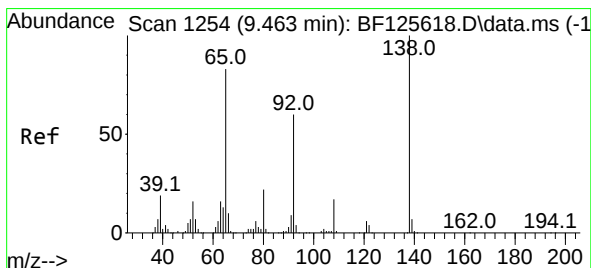
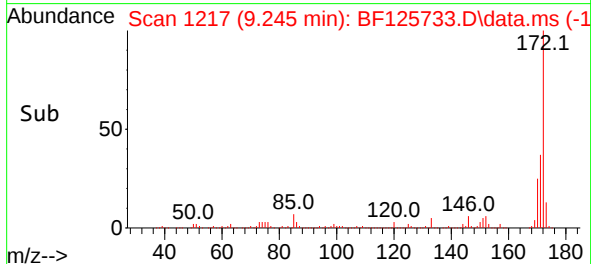
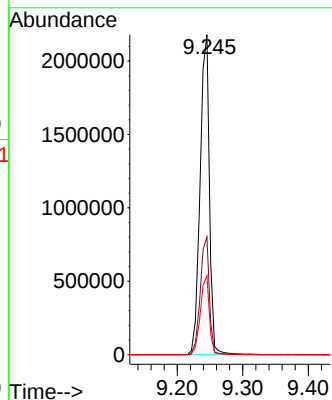
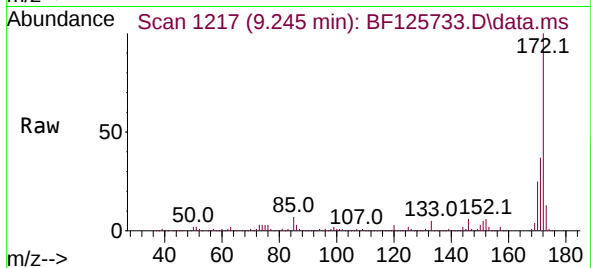




#45
2-Fluorobiphenyl
Concen: 89.200 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

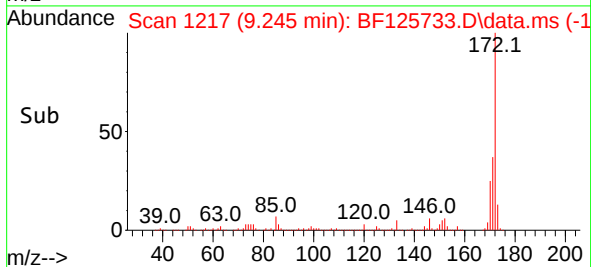
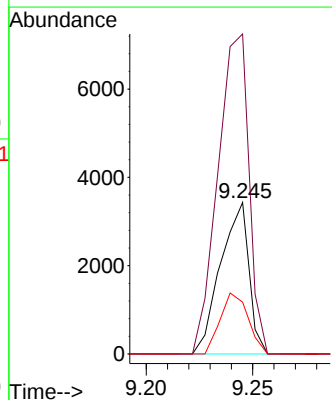
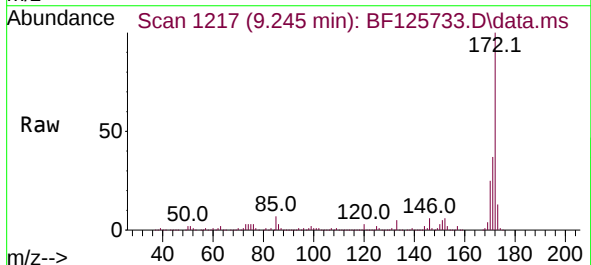
Instrument :
BNA_F
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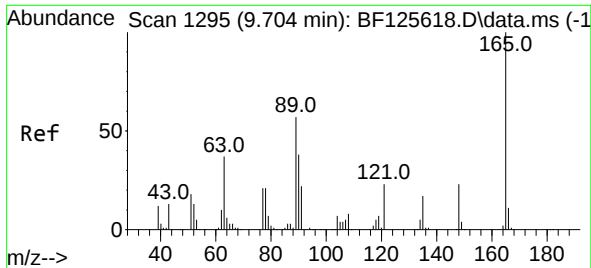
Tgt Ion:172 Resp: 2157738
Ion Ratio Lower Upper
172 100
171 36.8 26.5 39.7
170 24.7 18.8 28.2



#48
2-Nitroaniline
Concen: 4.618 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion: 65 Resp: 3181
Ion Ratio Lower Upper
65 100
92 211.3 55.5 83.3#
138 34.3 93.5 140.3#

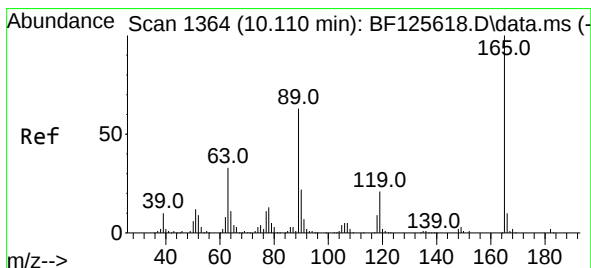
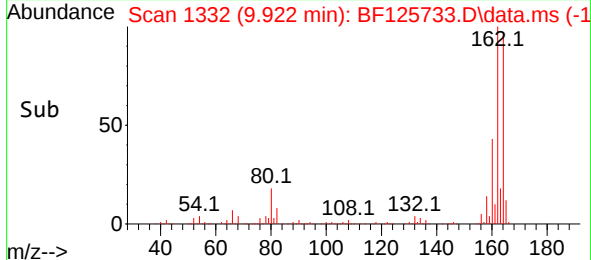
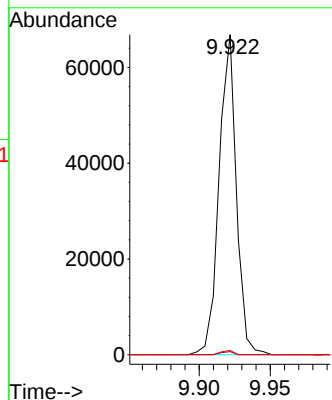
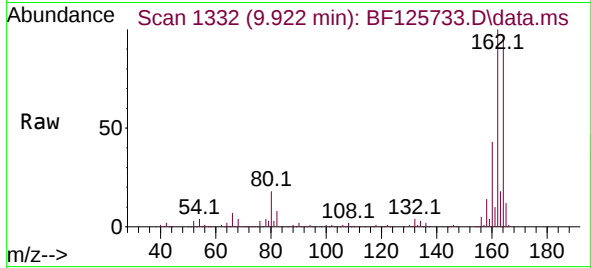




#51
2,6-Dinitrotoluene
Concen: 12.687 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

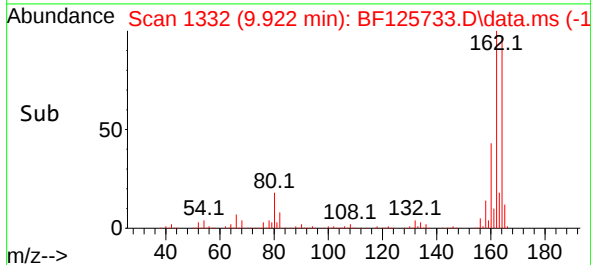
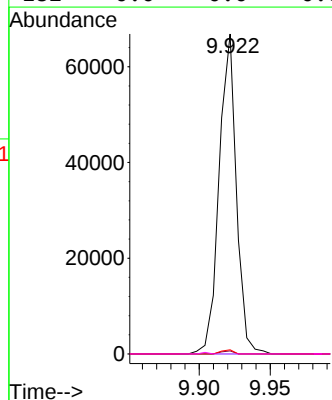
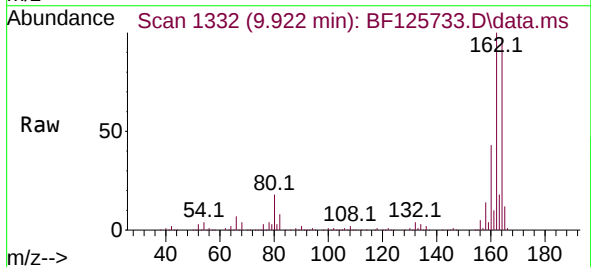
Instrument :
BNA_F
ClientSampleId :
RP-COMP-3

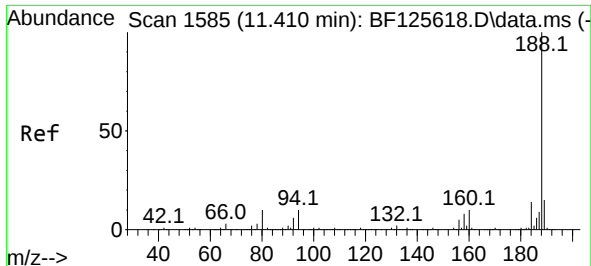
Tgt Ion:165 Resp: 56334
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.566 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion:165 Resp: 56334
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

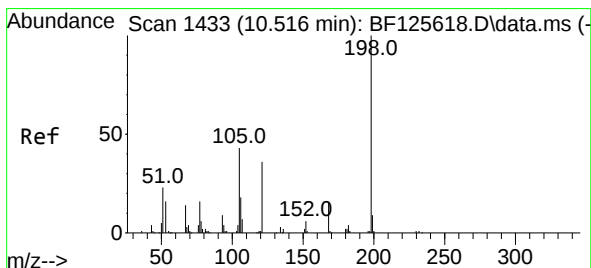
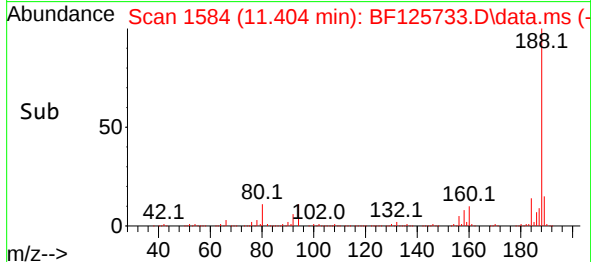
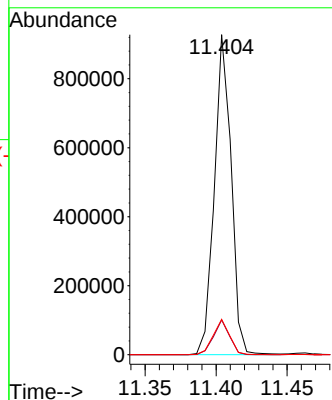
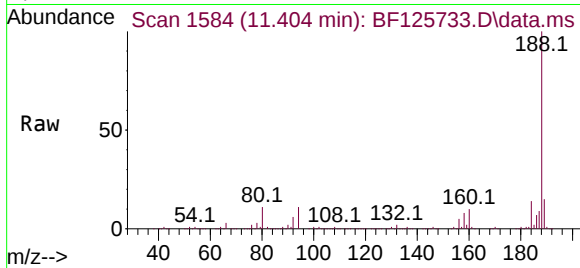




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

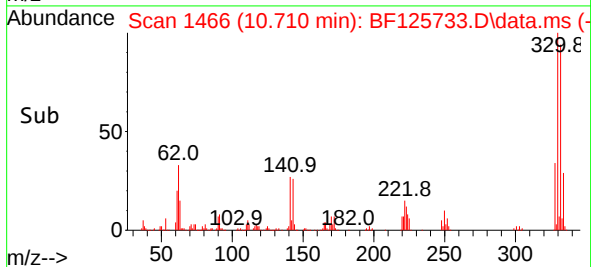
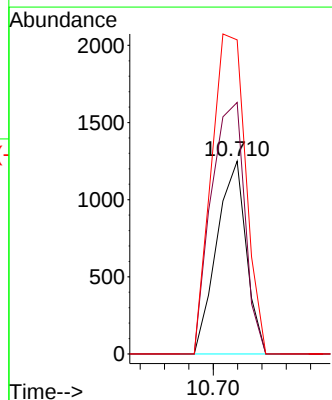
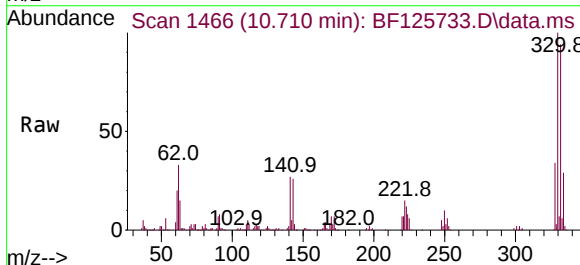
Instrument :
BNA_F
ClientSampleId :
RP-COMP-3

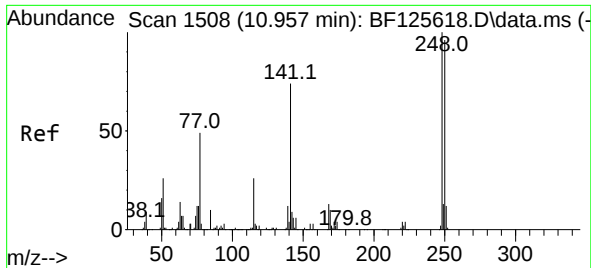
Tgt Ion:188 Resp: 761165
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.1 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.244 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion:198 Resp: 1053
Ion Ratio Lower Upper
198 100
51 130.4 45.3 85.3#
105 162.9 30.6 70.6#

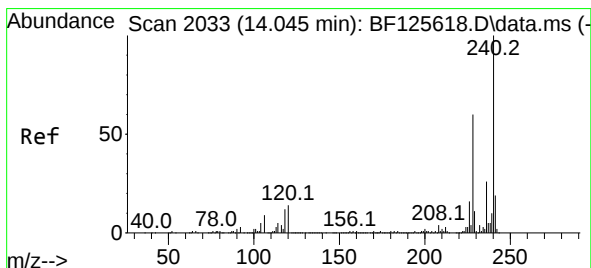
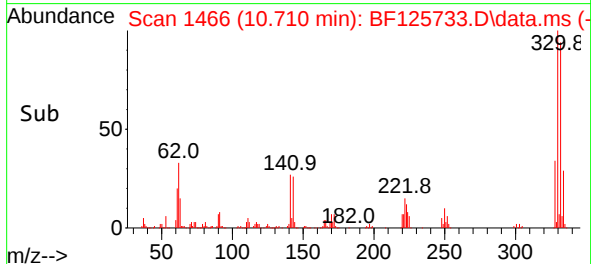
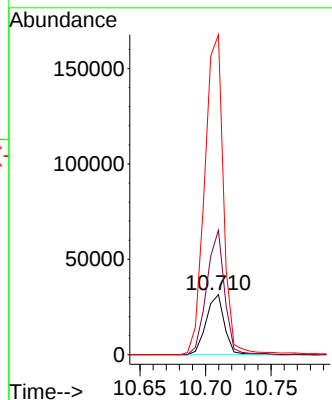
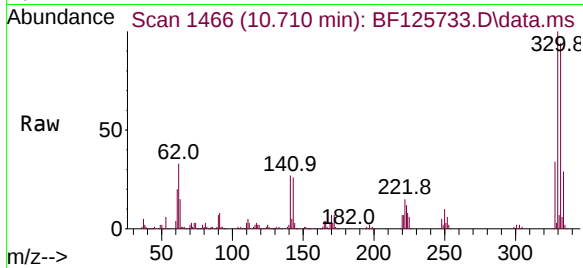




#67
4-Bromophenyl-phenylether
Concen: 3.817 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

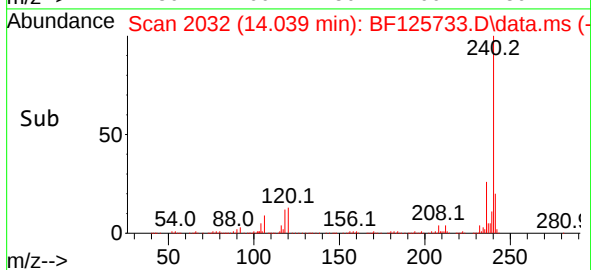
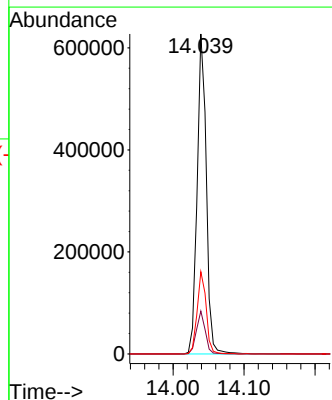
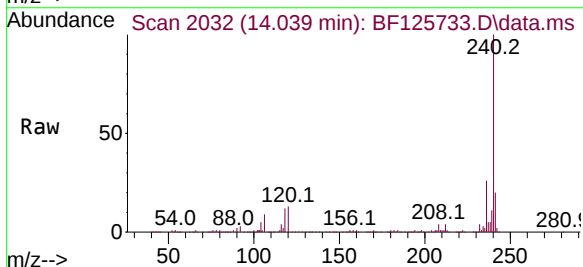
Instrument :
BNA_F
ClientSampleId :
RP-COMP-3

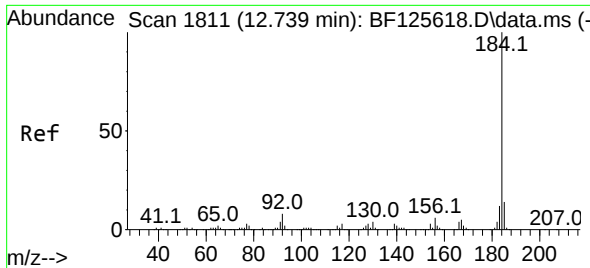
Tgt Ion:248 Resp: 30487
Ion Ratio Lower Upper
248 100
250 207.3 74.2 111.4#
141 533.1 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion:240 Resp: 564908
Ion Ratio Lower Upper
240 100
120 13.4 10.8 16.2
236 25.7 21.6 32.4

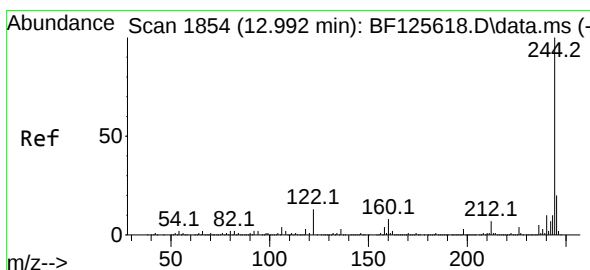
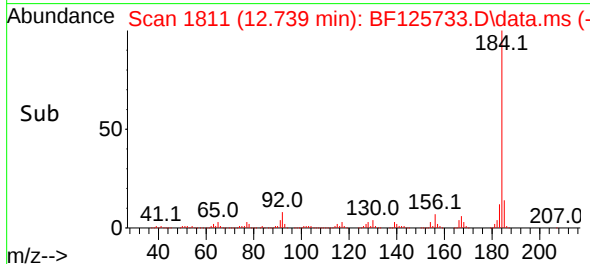
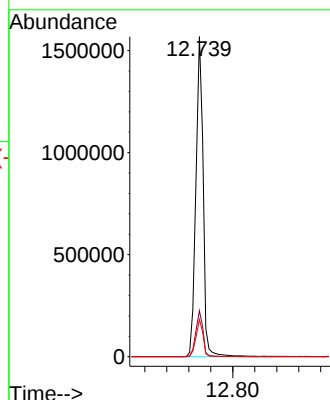
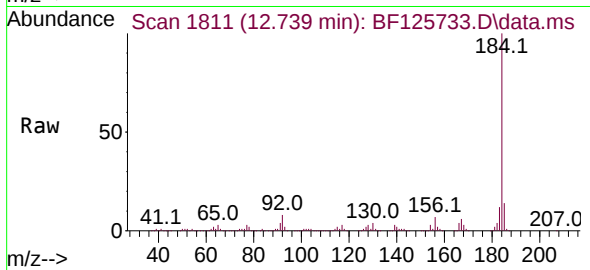




#77
Benzidine
Concen: 96.482 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

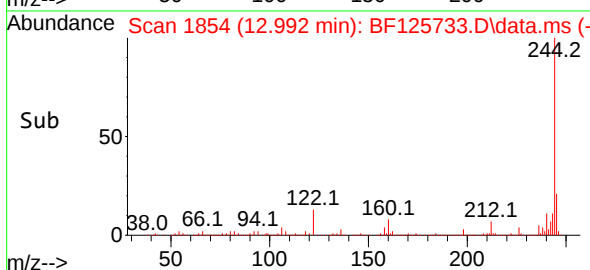
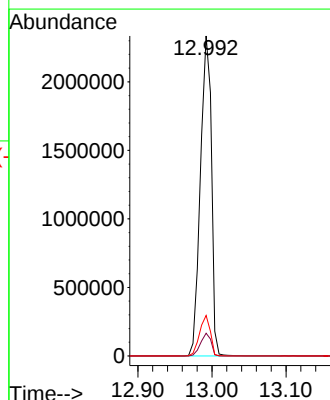
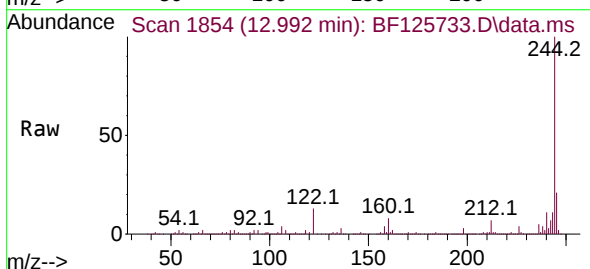
Instrument :
BNA_F
ClientSampleId :
RP-COMP-3

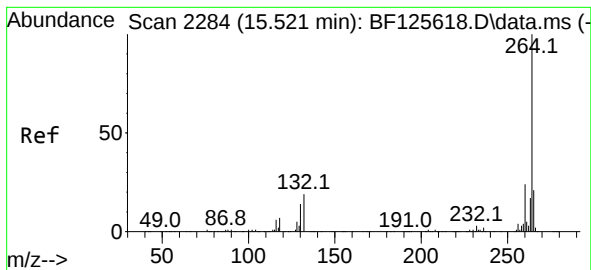
Tgt Ion:184 Resp: 1431818
Ion Ratio Lower Upper
184 100
185 14.4 10.8 16.2
183 11.6 8.1 12.1



#79
Terphenyl-d14
Concen: 73.869 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion:244 Resp: 2409624
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.6 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: BF125733.D
 Acq: 30 Sep 2021 15:03

Instrument :
 BNA_F
 ClientSampleId :
 RP-COMP-3

Tgt Ion:264	Resp:	435192
Ion	Ratio	Lower Upper
264	100	
260	24.1	19.6 29.4
265	21.4	17.2 25.8

