

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125705.D
 Acq On : 29 Sep 2021 11:12
 Operator : JU/CG
 Sample : M3960-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMB-MW10-GW

Quant Time: Sep 29 11:47:12 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)

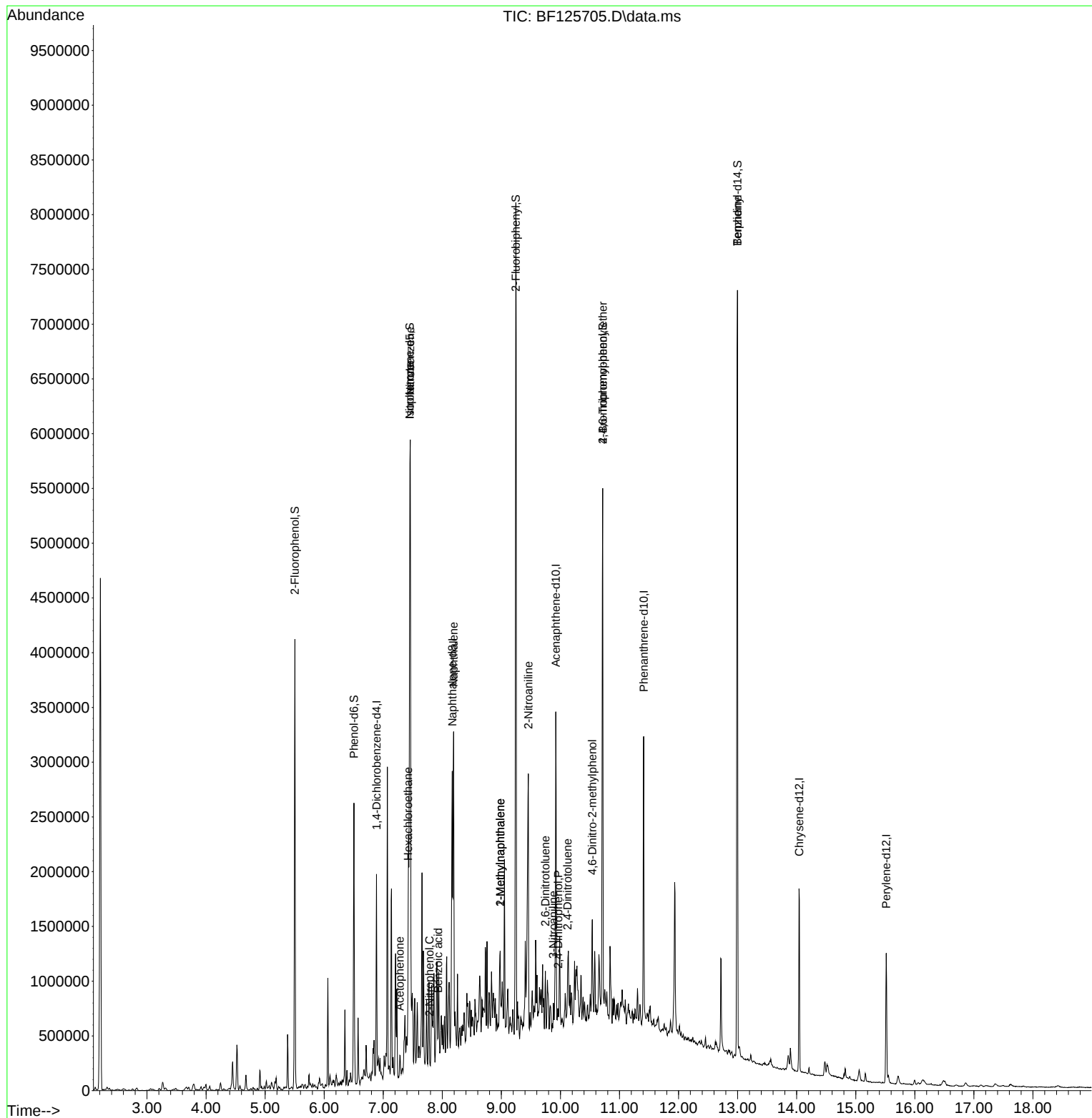
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	264137	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1038828	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	538523	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	901852	20.000	ng	0.00
76) Chrysene-d12	14.045	240	593385	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	508820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1130274	70.501	ng	0.00
7) Phenol-d6	6.504	99	909123	42.180	ng	0.00
23) Nitrobenzene-d5	7.451	82	1529374	102.687	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	752150	149.800	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2778038	94.128	ng	0.00
79) Terphenyl-d14	12.998	244	2693975	78.622	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	5478	Below Cal	#	1
18) Hexachloroethane	7.422	117	60741	9.160	ng	# 1
22) Acetophenone	7.281	105	48549	2.060	ng	# 61
24) Nitrobenzene	7.457	77	61484	4.058	ng	# 1
25) Isophorone	7.451	82	1517576	45.498	ng	# 59
26) 2-Nitrophenol	7.786	139	714	5.813	ng	# 1
31) Naphthalene	8.192	128	257178	4.822	ng	# 68
32) Benzoic acid	7.928	122	1243	8.722	ng	# 1
37) 2-Methylnaphthalene	8.980	142	145493	4.022	ng	95
38) 1-Methylnaphthalene	8.980	142	145493	4.256	ng	99
48) 2-Nitroaniline	9.457	65	49289	9.963	ng	# 23
51) 2,6-Dinitrotoluene	9.745	165	8515	5.171	ng	# 71
53) 3-Nitroaniline	9.880	138	657	3.216	ng	# 35
54) 2,4-Dinitrophenol	9.963	184	116	4.462	ng	# 1
57) 2,4-Dinitrotoluene	10.122	165	6145	5.402	ng	# 65
65) 4,6-Dinitro-2-methylph...	10.539	198	997	9.198	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	41156	4.348	ng	# 1
77) Benzidine	12.998	184	35404	2.271	ng	# 91

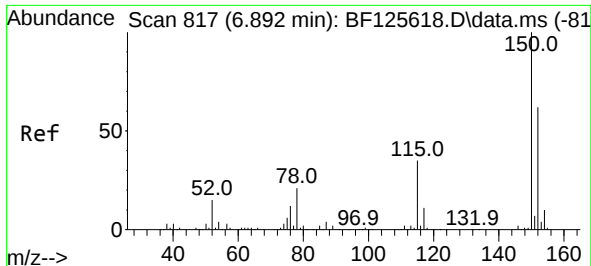
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125705.D
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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
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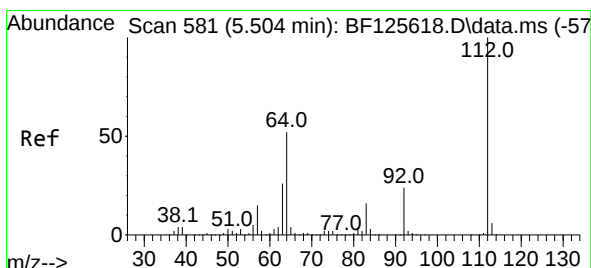
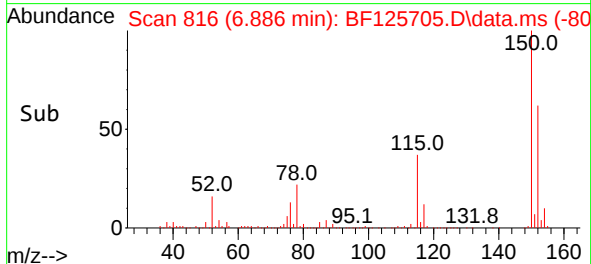
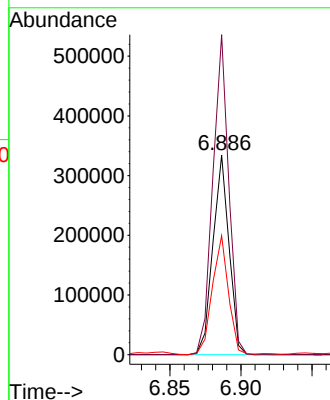
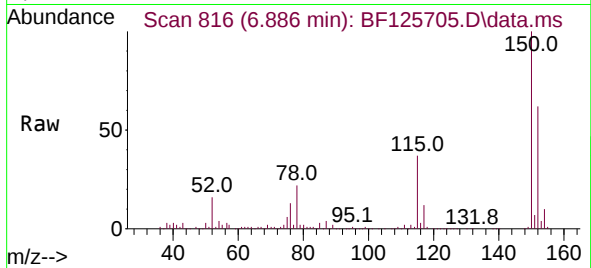




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

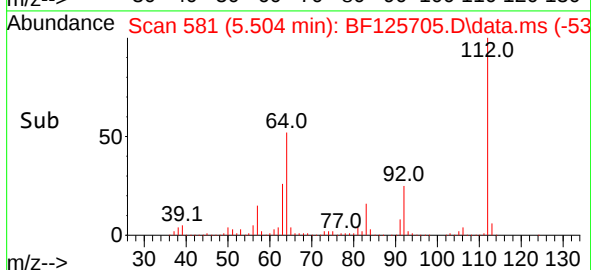
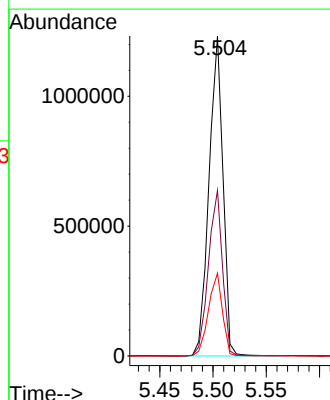
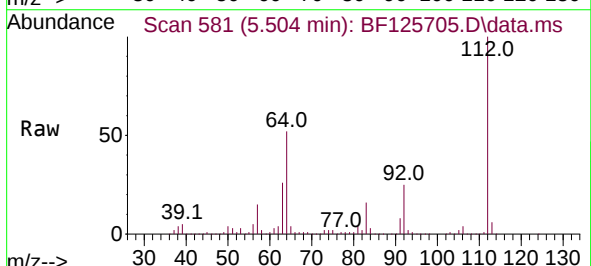
Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

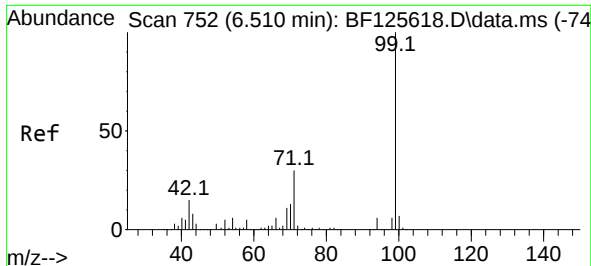
Tgt Ion:152 Resp: 264137
Ion Ratio Lower Upper
152 100
150 160.2 117.6 176.4
115 59.5 47.1 70.7



#5
2-Fluorophenol
Concen: 70.501 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Tgt Ion:112 Resp: 1130274
Ion Ratio Lower Upper
112 100
64 51.8 44.2 66.2
63 25.9 26.2 39.2#

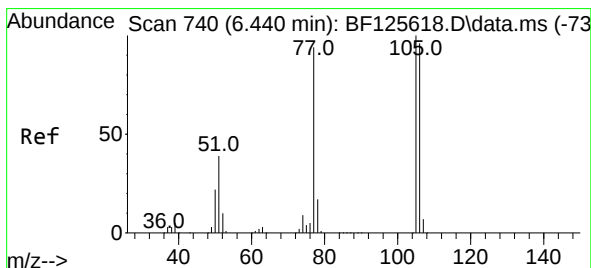
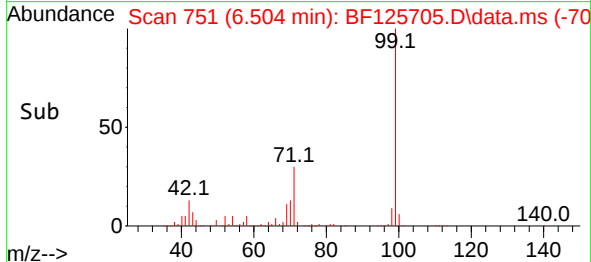
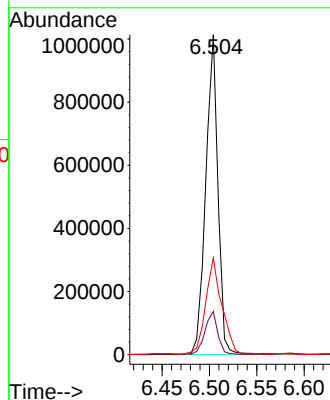
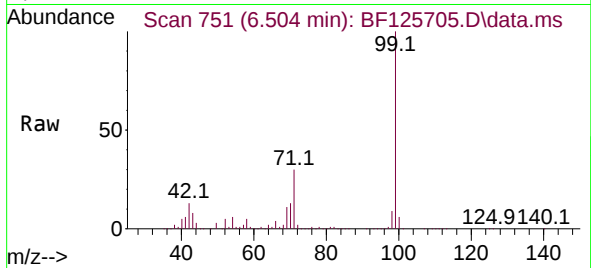




#7
Phenol-d6
Concen: 42.180 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

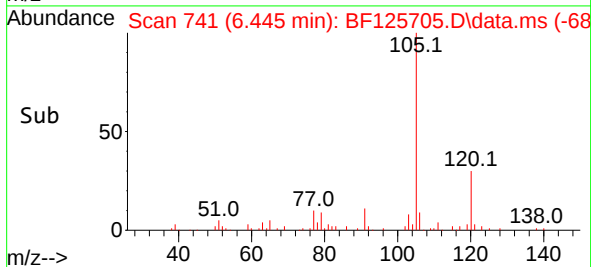
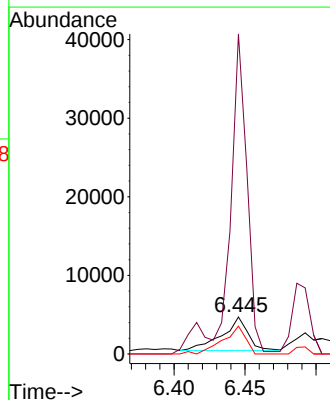
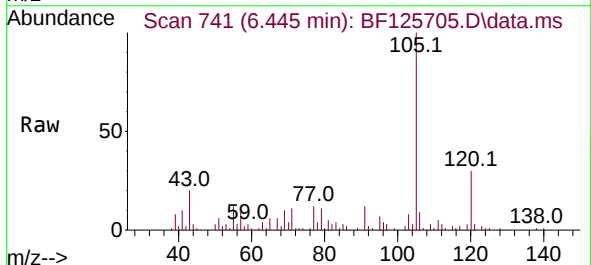
Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

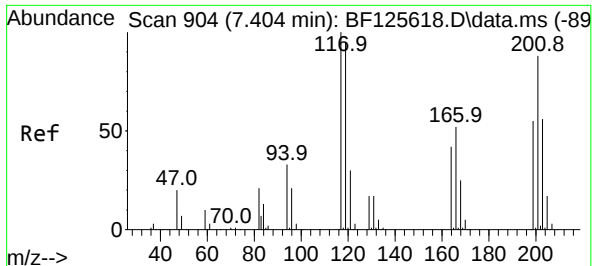
Tgt Ion: 99 Resp: 909123
Ion Ratio Lower Upper
99 100
42 13.5 23.5 35.3#
71 30.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 741
Delta R.T. 0.005 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Tgt Ion: 77 Resp: 5478
Ion Ratio Lower Upper
77 100
105 866.2 75.9 115.9#
106 75.3 84.0 124.0#

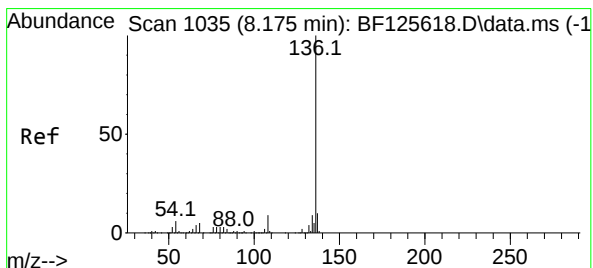
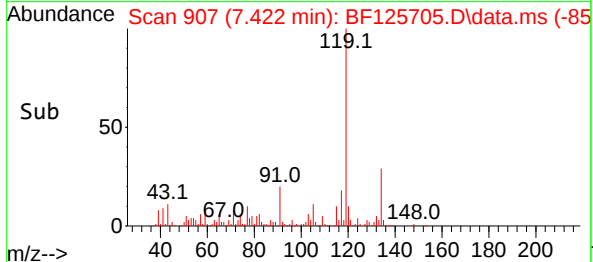
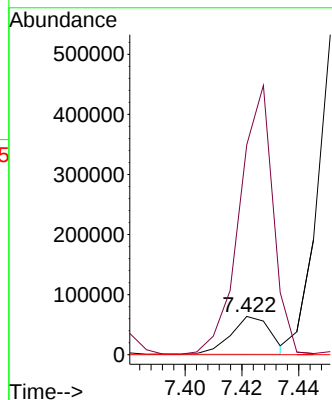
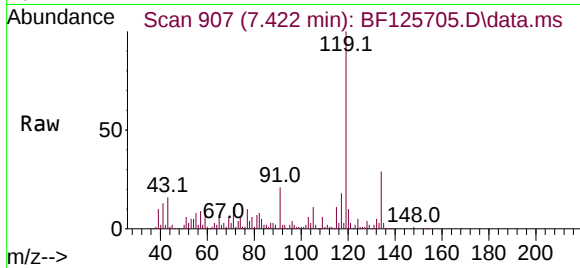




#18
Hexachloroethane
Concen: 9.160 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.018 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

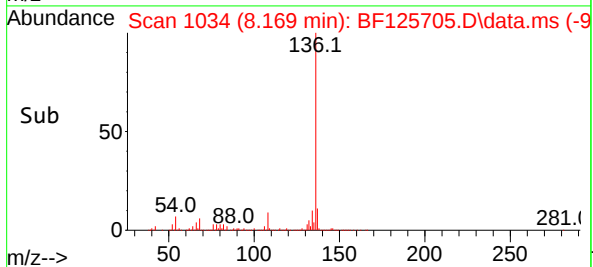
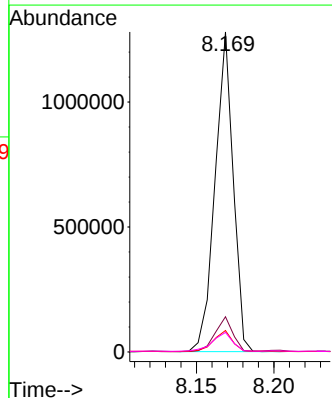
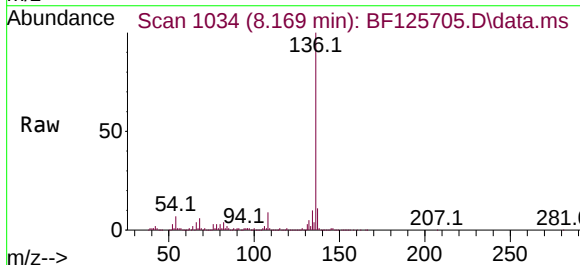
Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

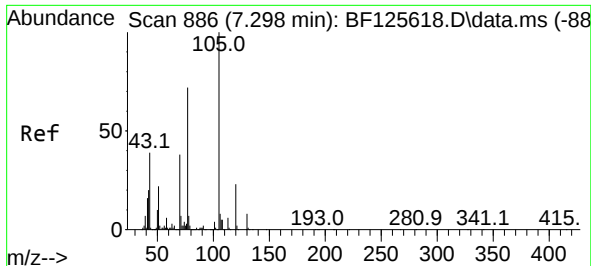
Tgt Ion:117 Resp: 60741
Ion Ratio Lower Upper
117 100
119 549.7 73.4 110.2#
201 0.0 64.9 97.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

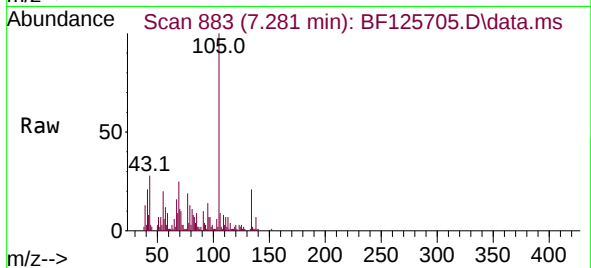
Tgt Ion:136 Resp: 1038828
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 6.7 6.4 9.6
68 6.1 3.3 4.9#



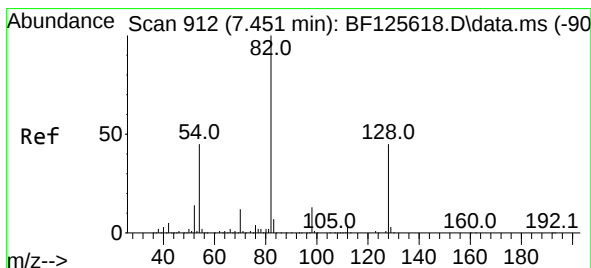
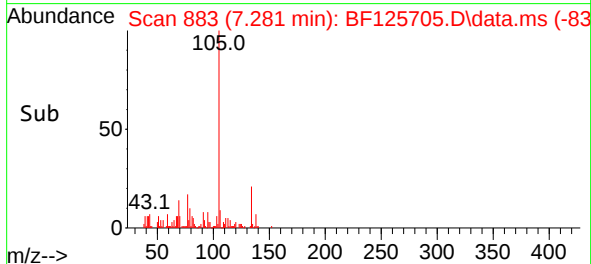
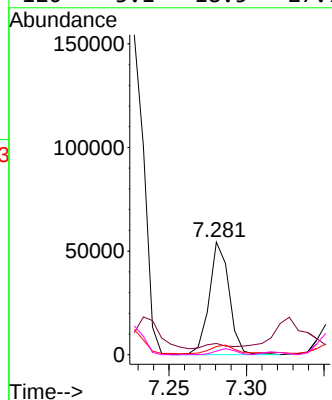


#22
Acetophenone
Concen: 2.060 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.017 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

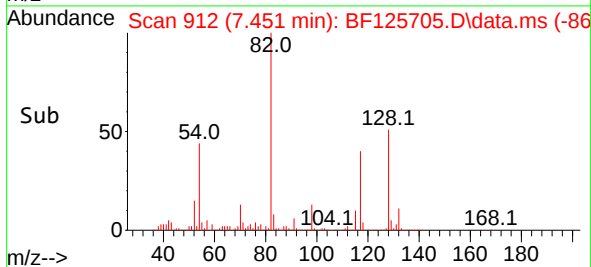
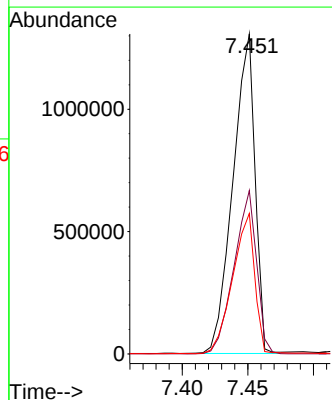
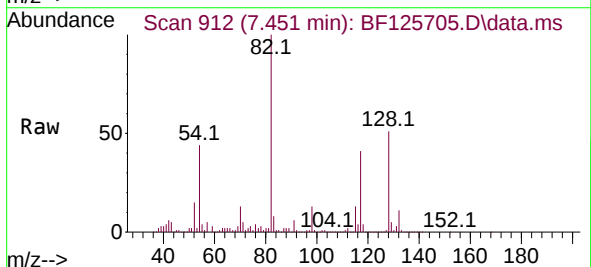


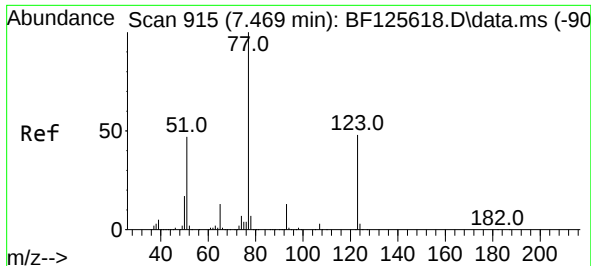
Tgt Ion	105	Resp	48549
Ion Ratio	100	Lower	Upper
71	9.9	5.5	8.3#
51	7.3	26.0	39.0#
120	3.1	18.5	27.7#



#23
Nitrobenzene-d5
Concen: 102.687 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Tgt Ion	82	Resp	1529374
Ion Ratio	100	Lower	Upper
128	51.1	40.6	60.8
54	43.9	49.6	74.4#

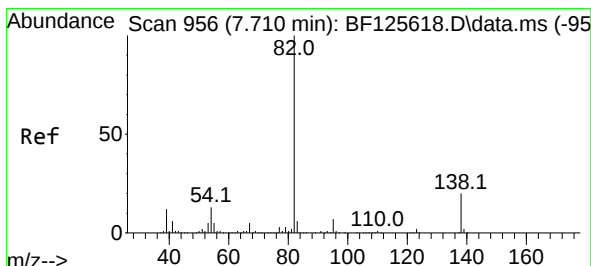
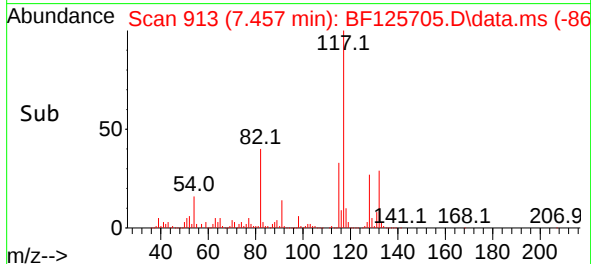
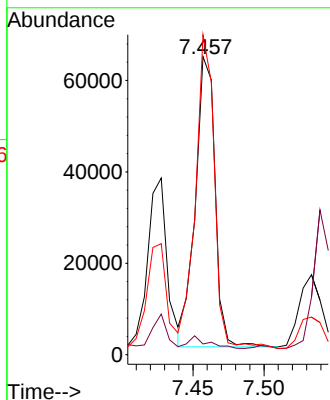
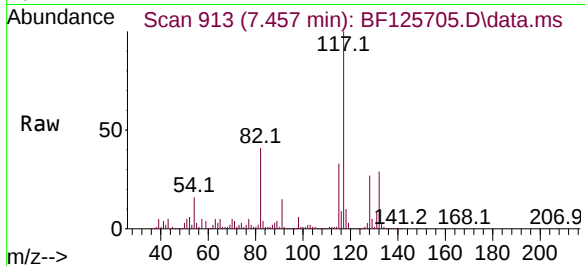




#24
Nitrobenzene
Concen: 4.058 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

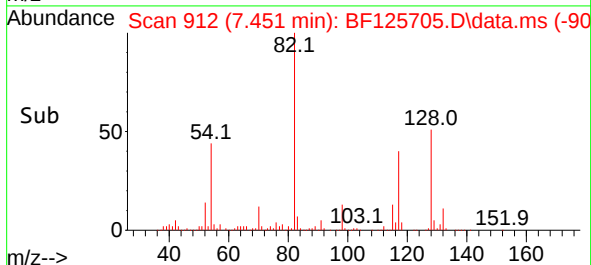
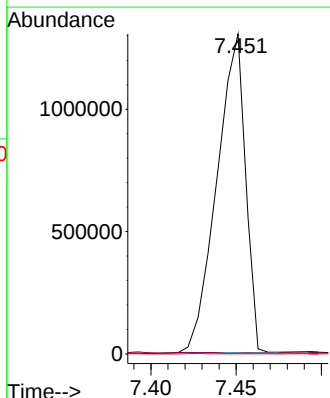
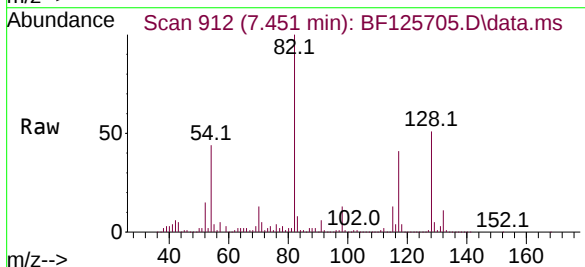
Instrument :
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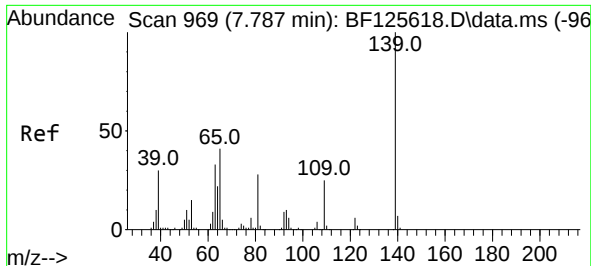
Tgt Ion: 77 Resp: 61484
Ion Ratio Lower Upper
77 100
123 3.6 42.3 63.5#
65 107.4 12.4 18.6#



#25
Isophorone
Concen: 45.498 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Tgt Ion: 82 Resp: 1517576
Ion Ratio Lower Upper
82 100
95 0.3 6.5 9.7#
138 0.1 18.4 27.6#

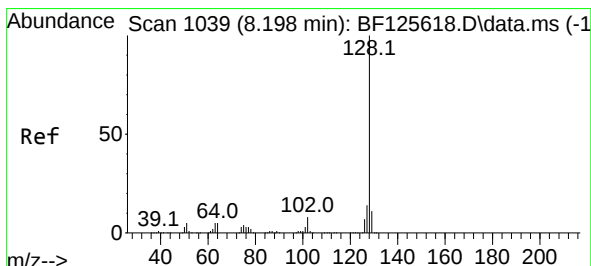
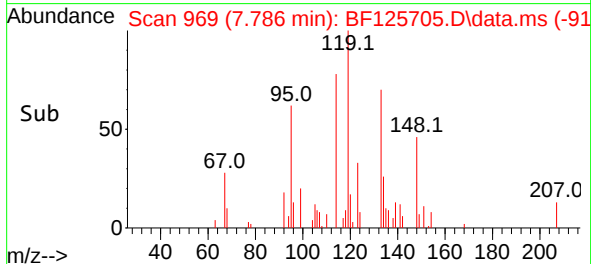
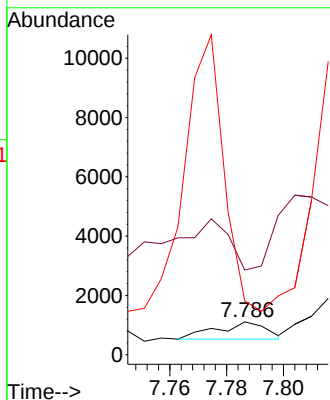
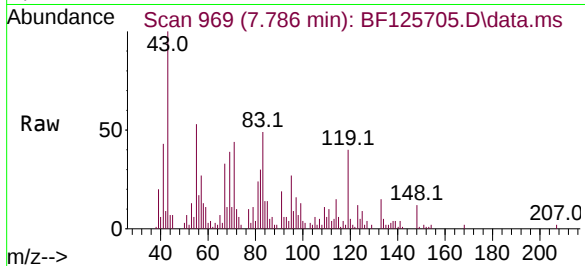




#26
2-Nitrophenol
Concen: 5.813 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.001 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

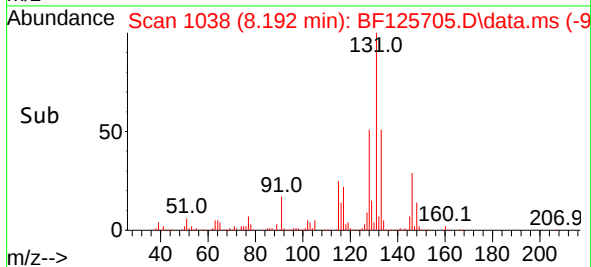
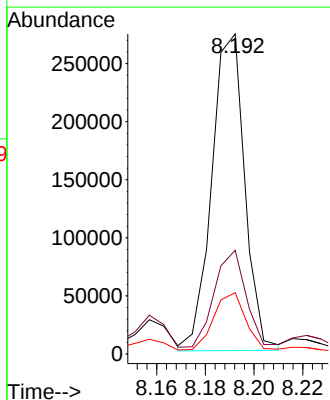
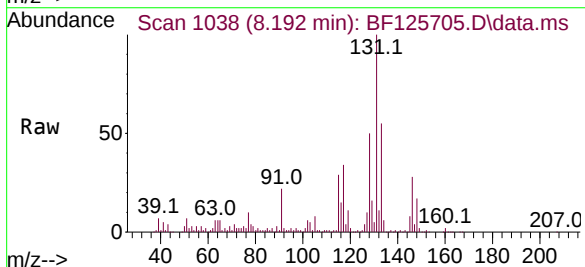
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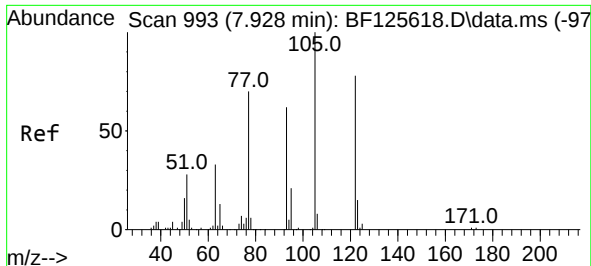
Tgt Ion:139 Resp: 714
Ion Ratio Lower Upper
139 100
109 258.2 26.0 39.0#
65 164.0 31.0 46.4#



#31
Naphthalene
Concen: 4.822 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Tgt Ion:128 Resp: 257178
Ion Ratio Lower Upper
128 100
129 32.4 9.4 14.0#
127 19.2 10.9 16.3#

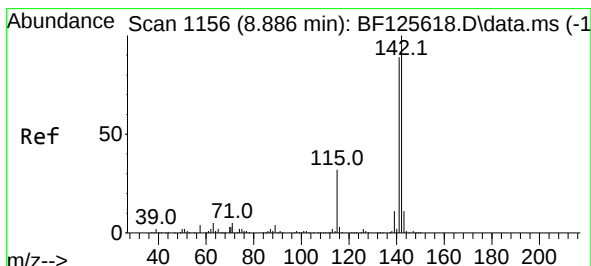
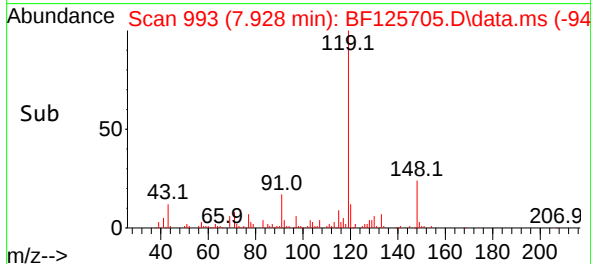
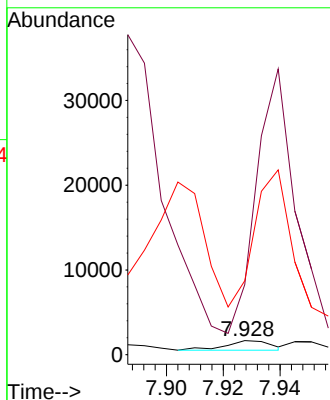
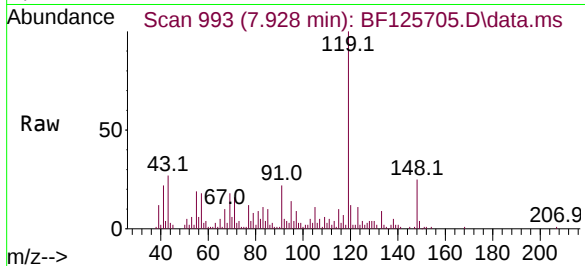




#32
Benzoic acid
Concen: 8.722 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

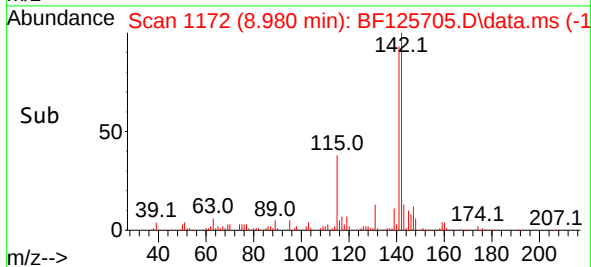
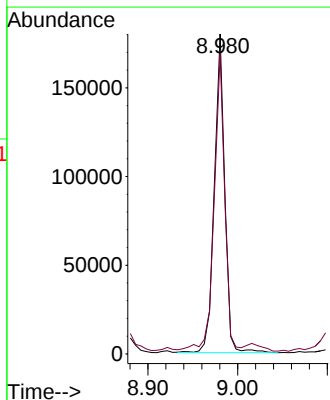
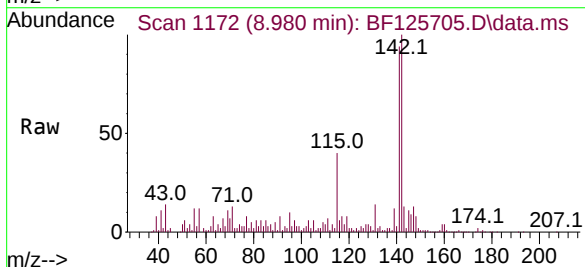
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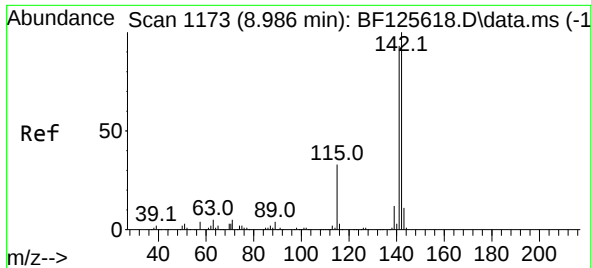
Tgt Ion:122 Resp: 1243
Ion Ratio Lower Upper
122 100
105 500.2 97.6 137.6#
77 526.9 59.6 99.6#



#37
2-Methylnaphthalene
Concen: 4.022 ng
RT: 8.980 min Scan# 1172
Delta R.T. 0.094 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Tgt Ion:142 Resp: 145493
Ion Ratio Lower Upper
142 100
141 93.7 71.2 106.8

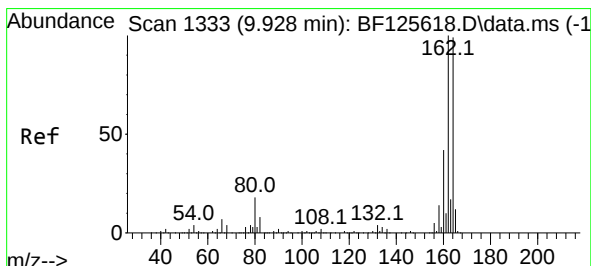
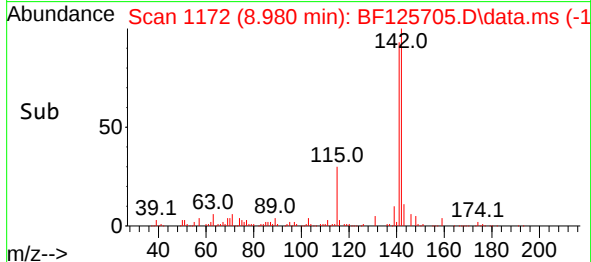
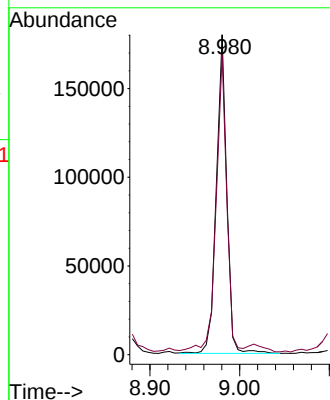
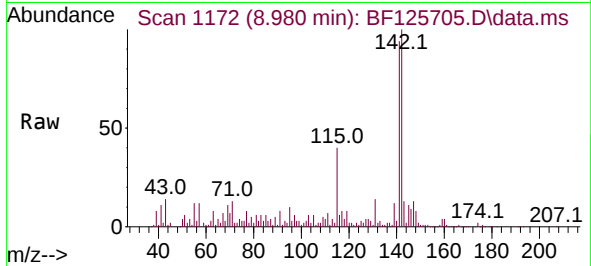




#38
1-Methylnaphthalene
Concen: 4.256 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

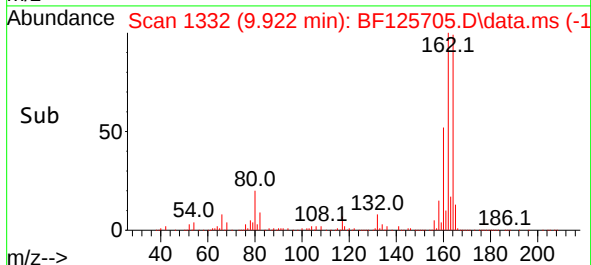
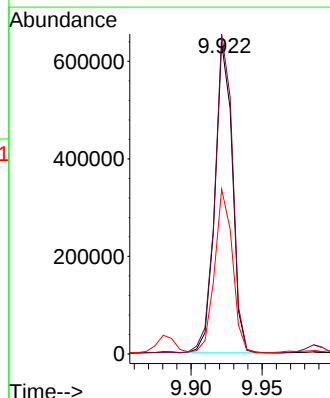
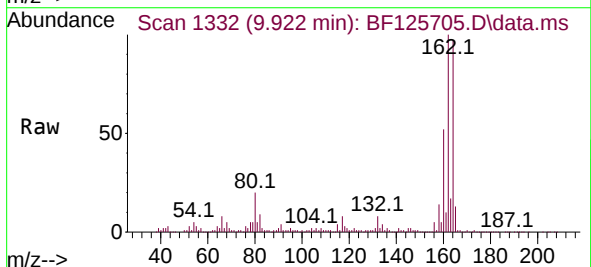
Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

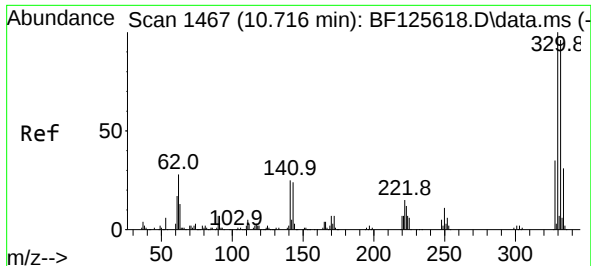
Tgt Ion:142 Resp: 145493
Ion Ratio Lower Upper
142 100
141 93.7 76.0 114.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Tgt Ion:164 Resp: 538523
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 53.0 38.0 57.0

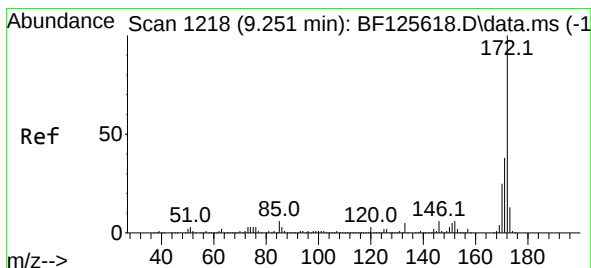
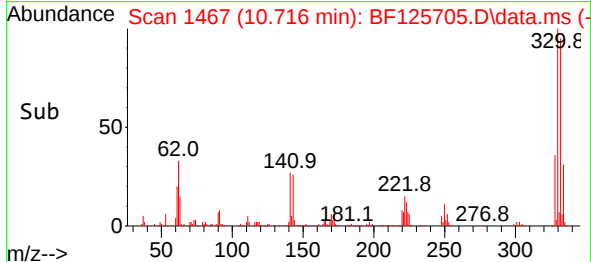
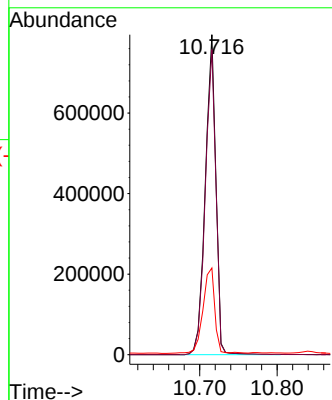
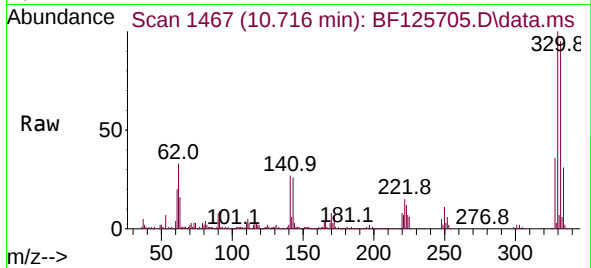




#42
2,4,6-Tribromophenol
Concen: 149.800 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

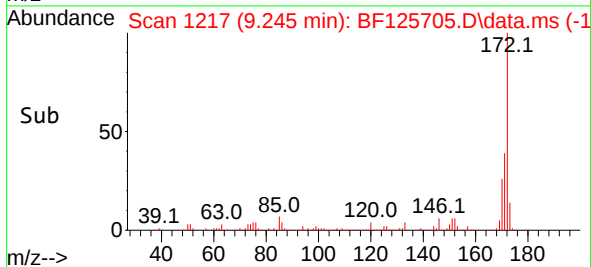
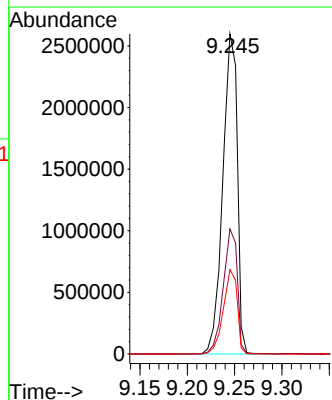
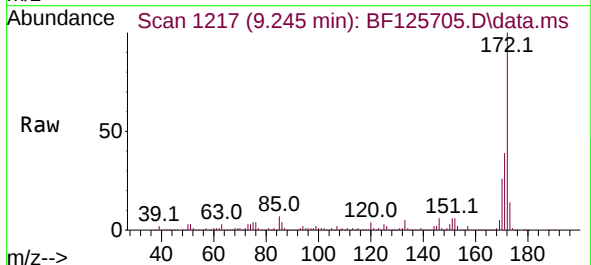
Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

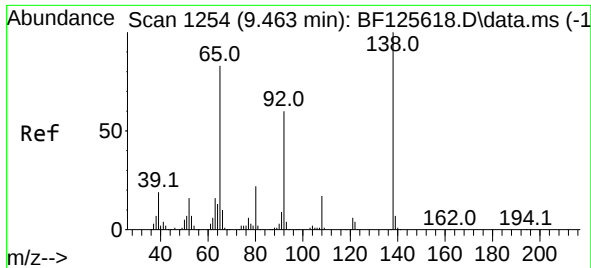
Tgt Ion: 330 Resp: 752150
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 29.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 94.128 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Tgt Ion: 172 Resp: 2778038
Ion Ratio Lower Upper
172 100
171 39.0 26.5 39.7
170 26.4 18.8 28.2

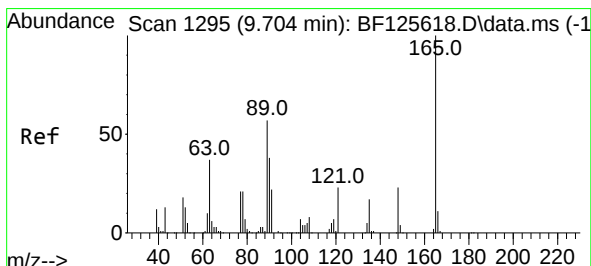
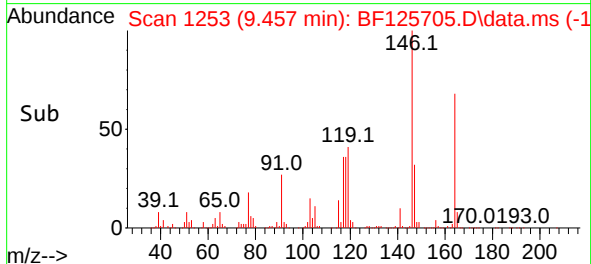
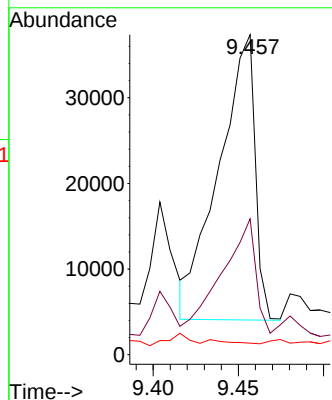
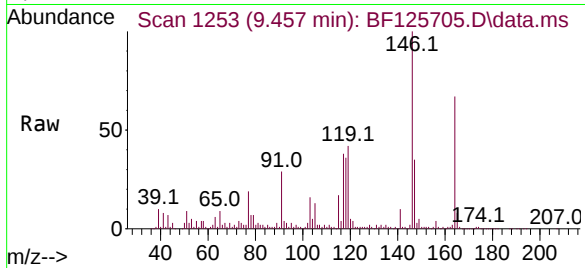




#48
2-Nitroaniline
Concen: 9.963 ng
RT: 9.457 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

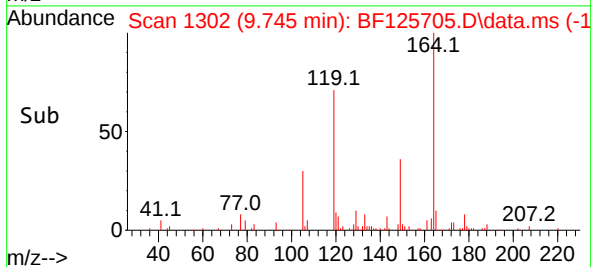
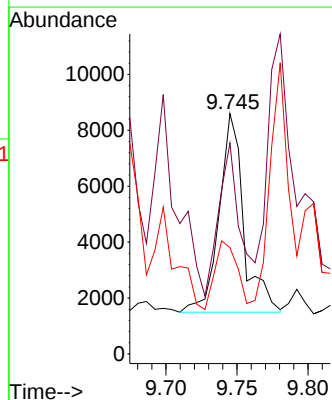
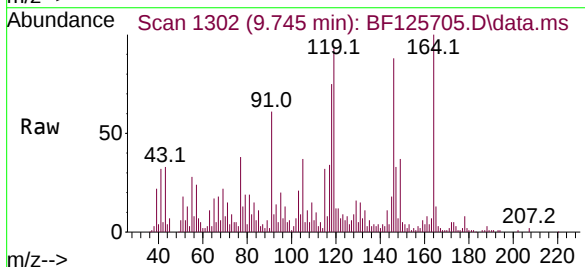
Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

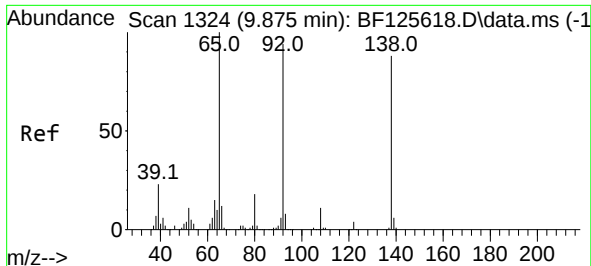
Tgt Ion: 65 Resp: 49289
Ion Ratio Lower Upper
65 100
92 42.4 55.5 83.3#
138 3.6 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 5.171 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.041 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Tgt Ion:165 Resp: 8515
Ion Ratio Lower Upper
165 100
63 87.7 42.6 63.8#
89 44.2 40.6 60.8

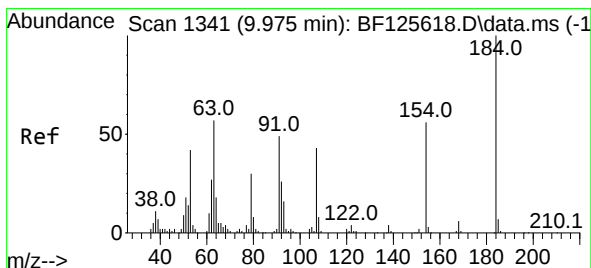
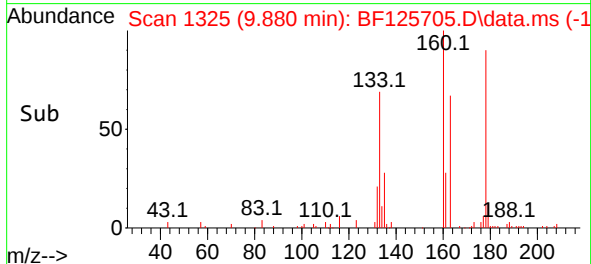
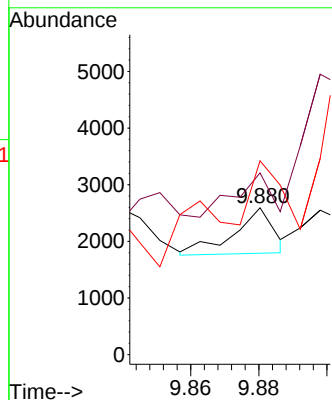
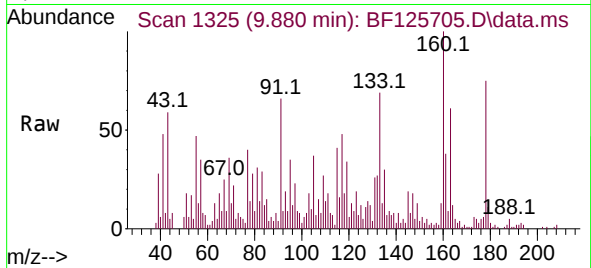




#53
3-Nitroaniline
Concen: 3.216 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.005 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

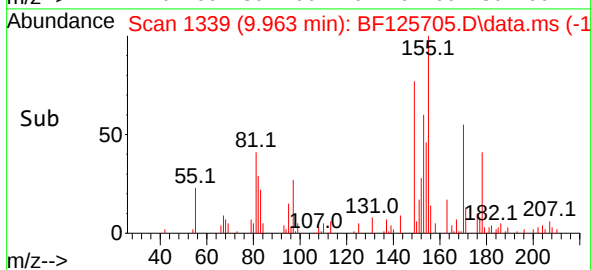
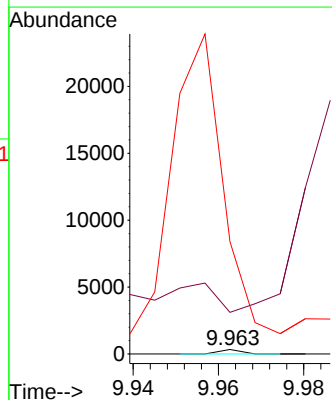
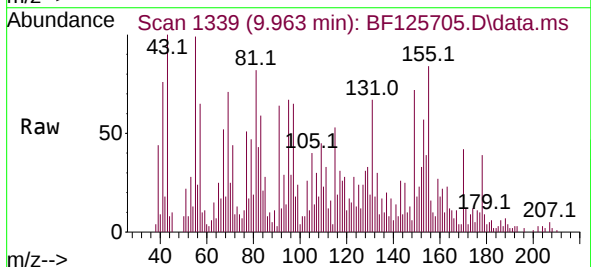
Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

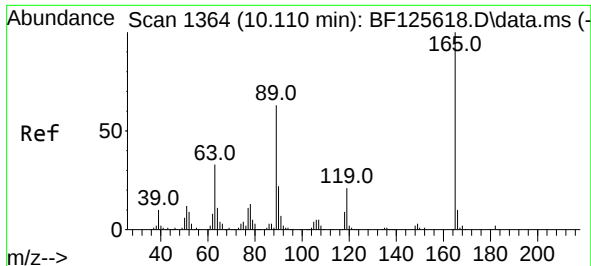
Tgt Ion:138 Resp: 657
Ion Ratio Lower Upper
138 100
108 123.7 9.3 13.9#
92 132.1 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 4.462 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Tgt Ion:184 Resp: 116
Ion Ratio Lower Upper
184 100
63 942.1 59.3 88.9#
154 2543.3 68.6 102.8#

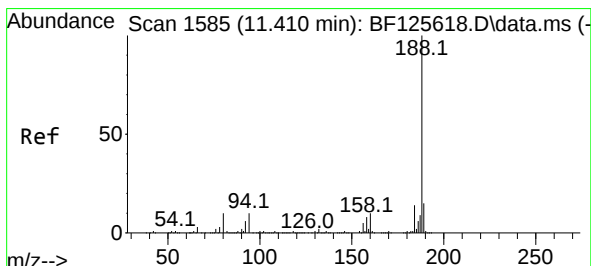
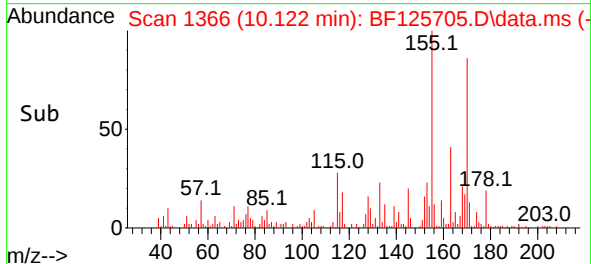
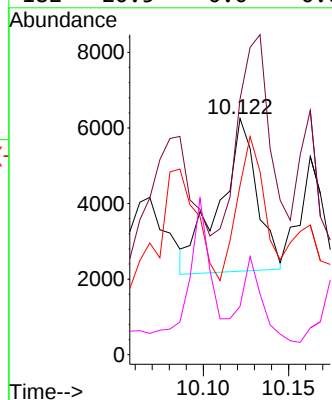
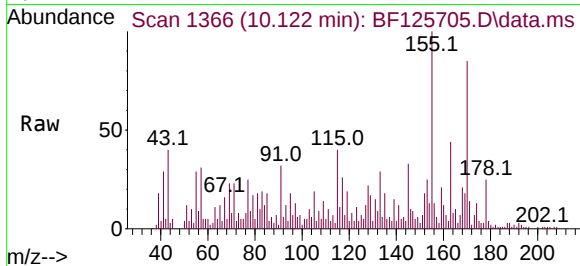




#57
2,4-Dinitrotoluene
Concen: 5.402 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.012 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

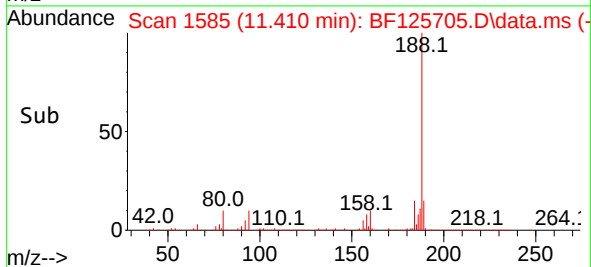
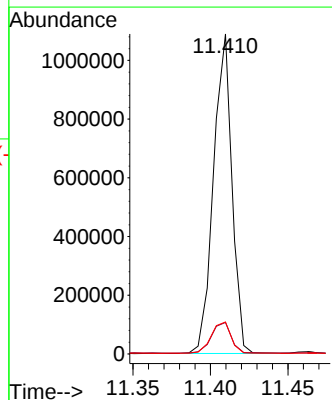
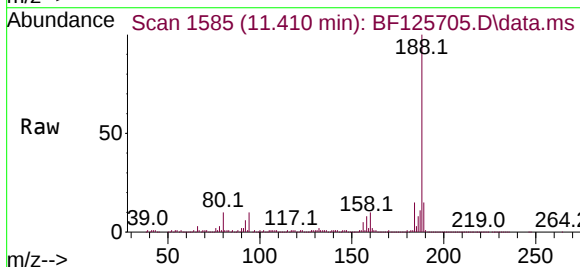
Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

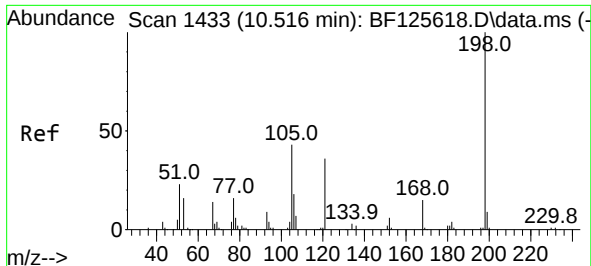
Tgt Ion:165 Resp: 6145
Ion Ratio Lower Upper
165 100
63 108.3 40.9 61.3#
89 71.6 59.7 89.5
182 20.5 0.0 0.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Tgt Ion:188 Resp: 901852
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 10.0 7.5 11.3

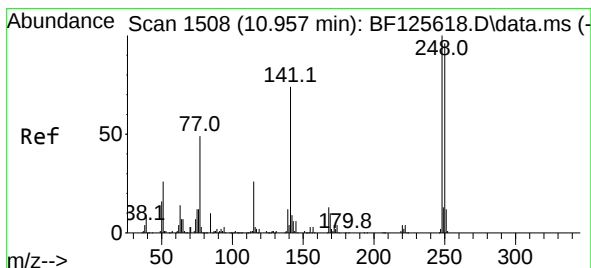
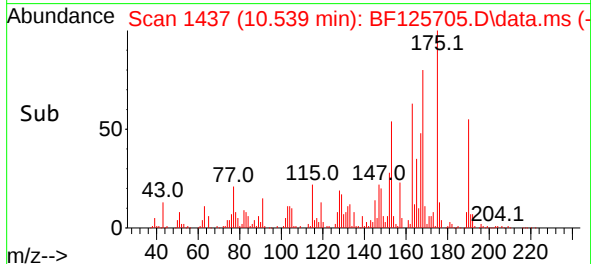
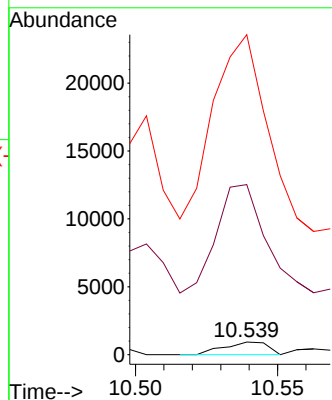
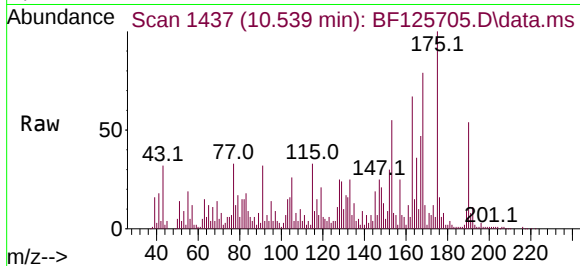




#65
4,6-Dinitro-2-methylphenol
Concen: 9.198 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.023 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

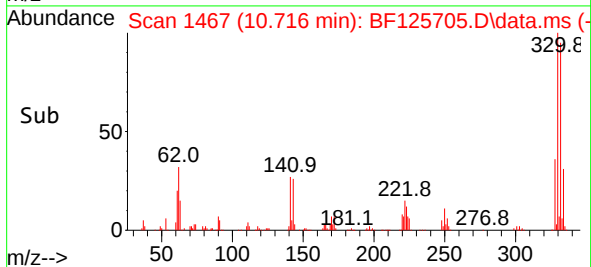
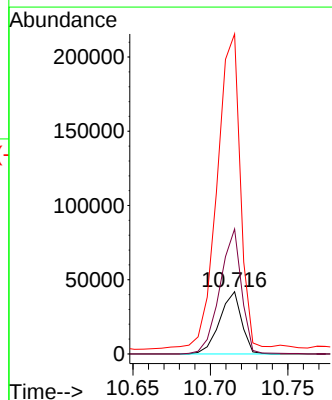
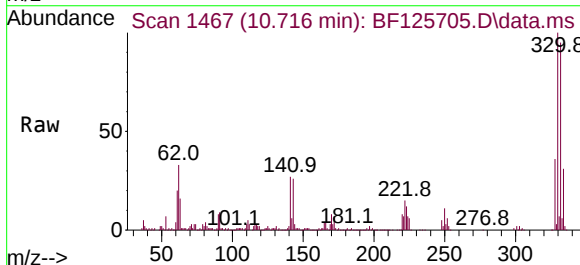
Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

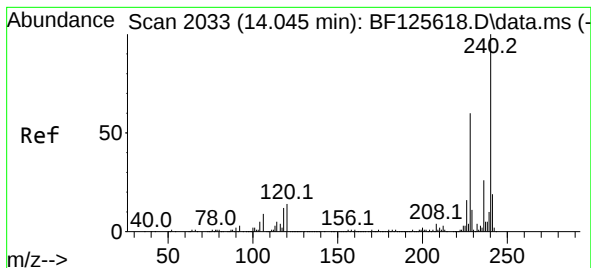
Tgt Ion:198 Resp: 997
Ion Ratio Lower Upper
198 100
51 1351.0 45.3 85.3#
105 2542.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.348 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.241 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Tgt Ion:248 Resp: 41156
Ion Ratio Lower Upper
248 100
250 200.8 74.2 111.4#
141 514.4 60.4 90.6#

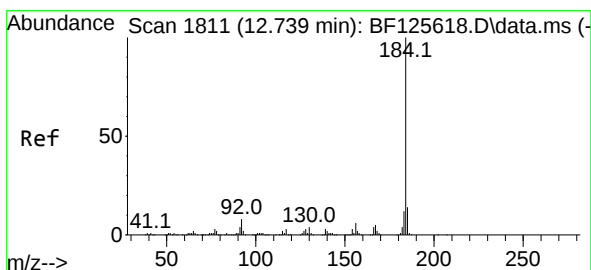
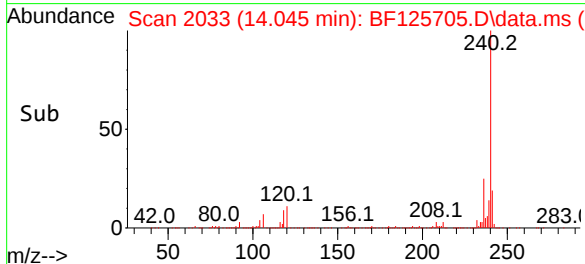
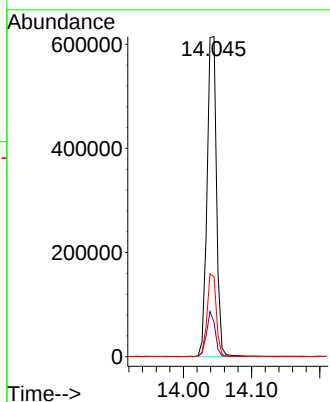
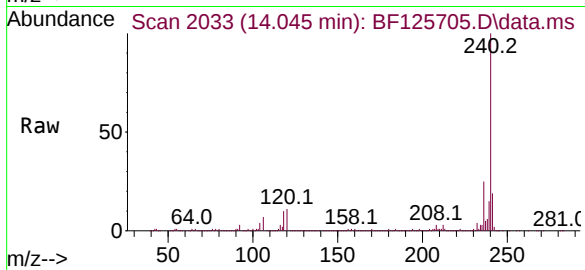




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

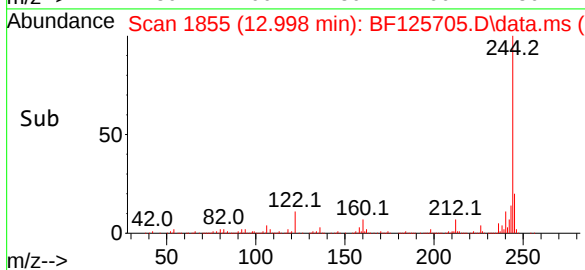
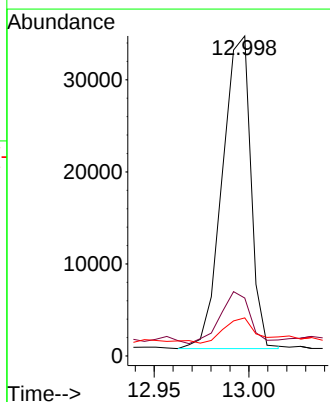
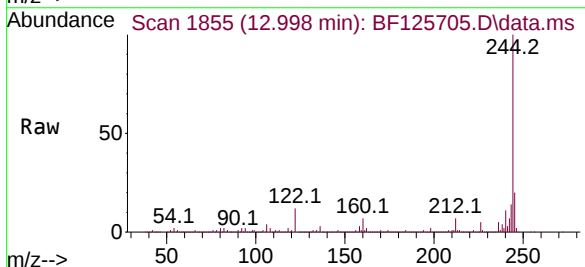
Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

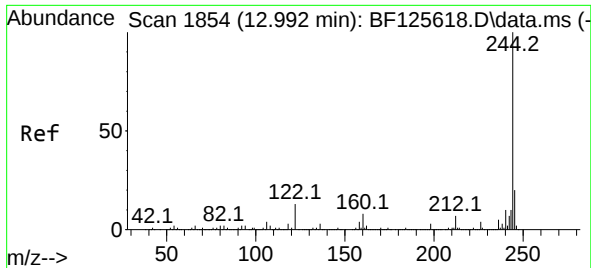
Tgt Ion:240 Resp: 593385
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 25.0 21.6 32.4



#77
Benzidine
Concen: 2.271 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.259 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Tgt Ion:184 Resp: 35404
Ion Ratio Lower Upper
184 100
185 18.1 10.8 16.2#
183 11.9 8.1 12.1

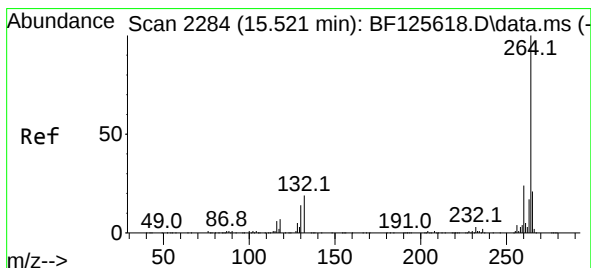
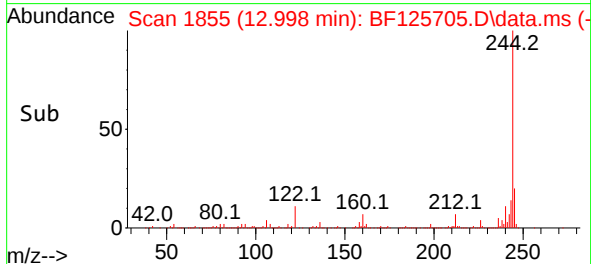
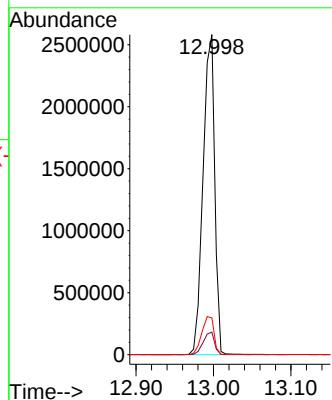
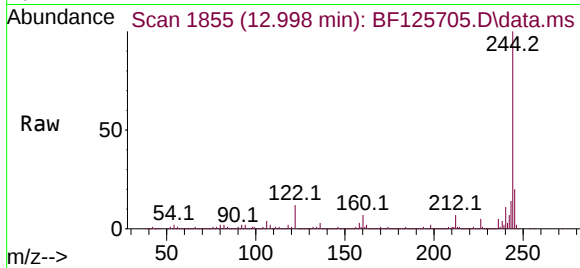




#79
Terphenyl-d14
Concen: 78.622 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF125705.D
Acq: 29 Sep 2021 11:12

Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

Tgt Ion:244 Resp: 2693975
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.5 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: BF125705.D
Acq: 29 Sep 2021 11:12

Tgt Ion:264 Resp: 508820
Ion Ratio Lower Upper
264 100
260 23.3 19.6 29.4
265 20.4 17.2 25.8

