

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125110.D
 Acq On : 19 Aug 2021 12:45
 Operator : JU/CG
 Sample : PB138550TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138550TB

Quant Time: Aug 19 13:18:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

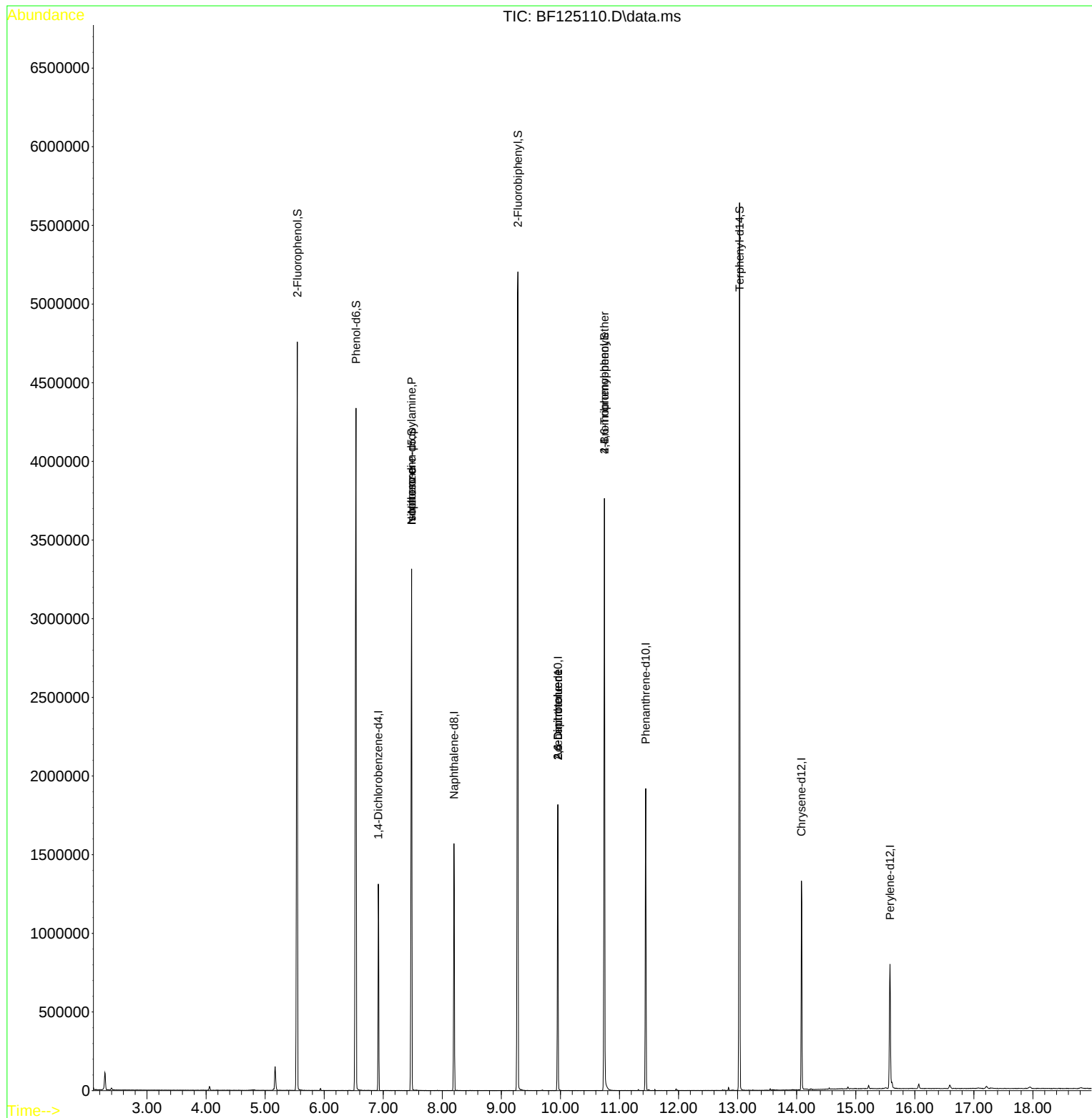
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	176669	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	691687	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	365166	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	658602	20.000	ng	0.00
76) Chrysene-d12	14.080	240	472203	20.000	ng	0.00
86) Perylene-d12	15.580	264	381604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1314493	112.618	ng	0.01
7) Phenol-d6	6.540	99	1627382	107.804	ng	0.00
23) Nitrobenzene-d5	7.481	82	1096998	79.844	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	475458	130.435	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1878579	71.700	ng	0.00
79) Terphenyl-d14	13.033	244	2184851	73.711	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	150096	16.531	ng	# 60
25) Isophorone	7.481	82	1093661	41.263	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	47371	8.633	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	47371	7.133	ng	# 19
67) 4-Bromophenyl-phenylether	10.745	248	29061	3.675	ng	# 1

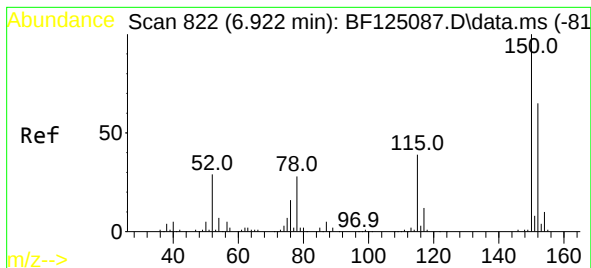
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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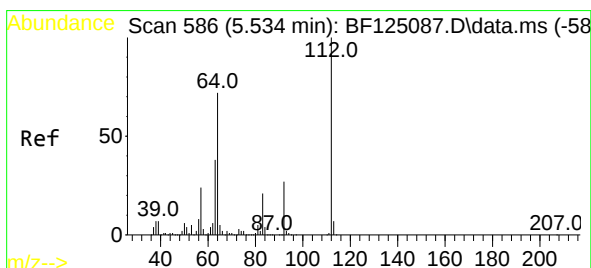
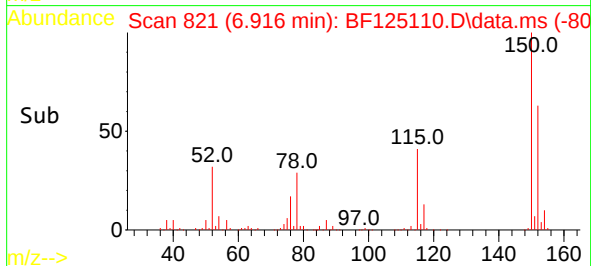
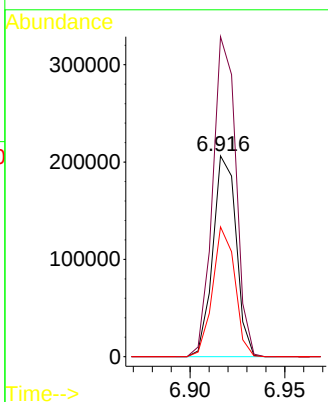
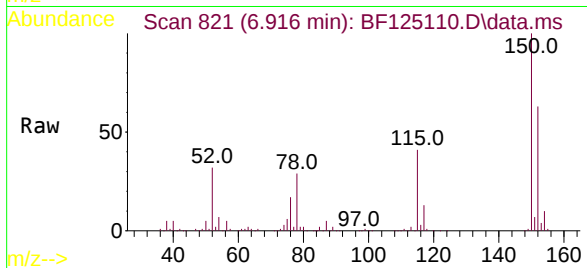




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

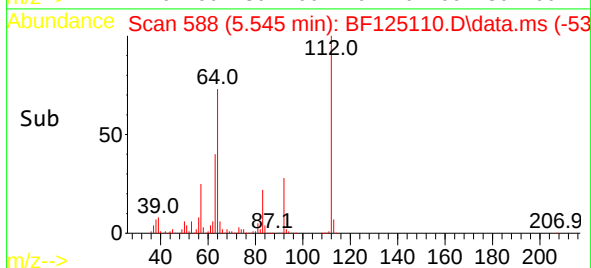
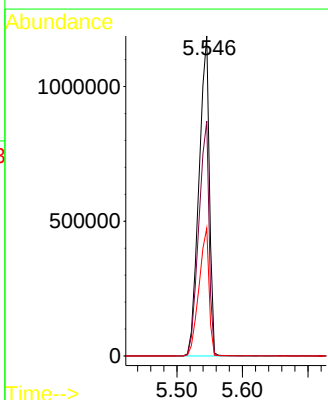
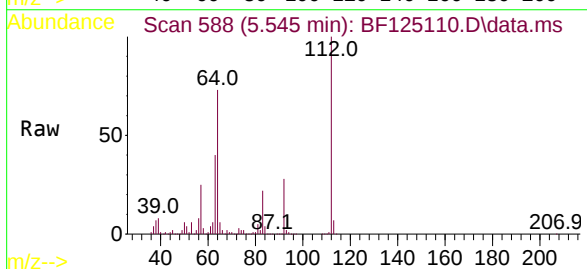
Instrument :
BNA_F
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PB138550TB

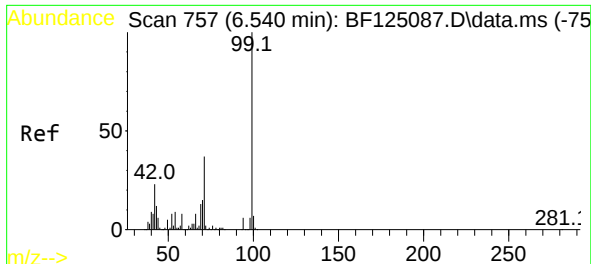
Tgt Ion:152 Resp: 176669
Ion Ratio Lower Upper
152 100
150 159.3 117.6 176.4
115 64.6 47.1 70.7



#5
2-Fluorophenol
Concen: 112.618 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.012 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

Tgt Ion:112 Resp: 1314493
Ion Ratio Lower Upper
112 100
64 73.4 44.2 66.2#
63 39.9 26.2 39.2#

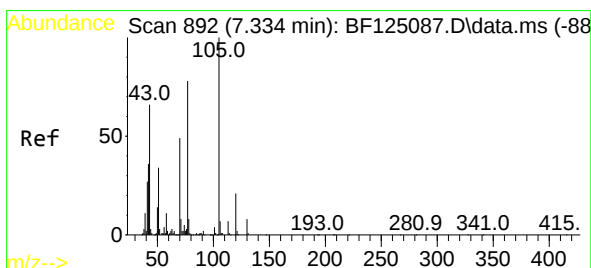
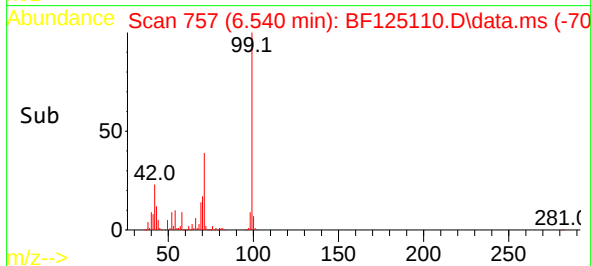
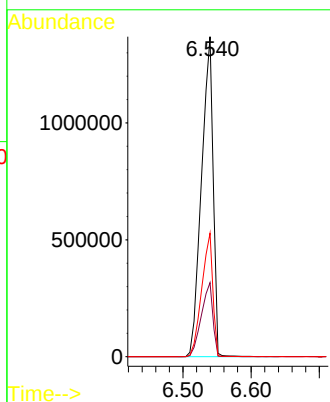
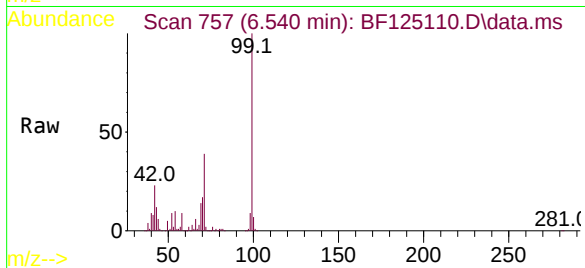




#7
Phenol-d6
Concen: 107.804 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

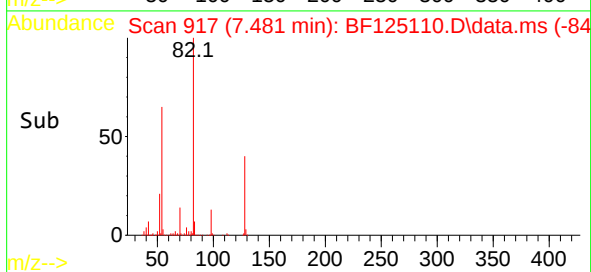
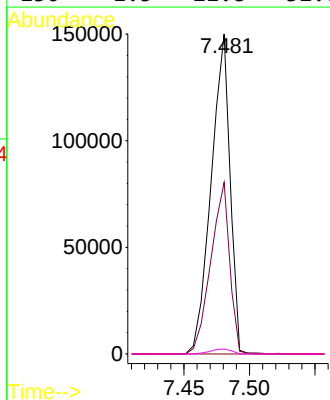
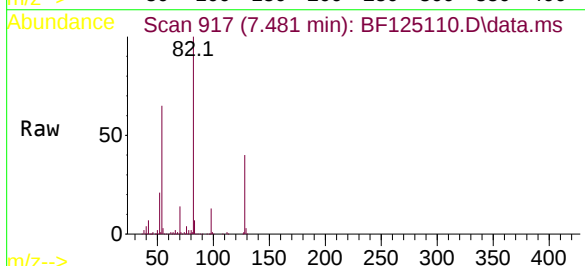
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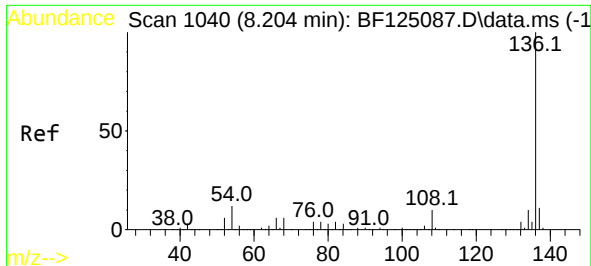
Tgt Ion: 99 Resp: 1627382
Ion Ratio Lower Upper
99 100
42 23.2 23.5 35.3#
71 38.6 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 16.531 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

Tgt Ion: 70 Resp: 150096
Ion Ratio Lower Upper
70 100
42 53.6 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#

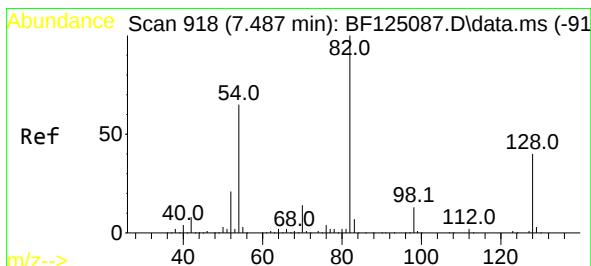
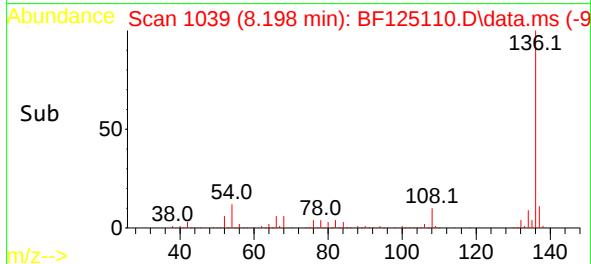
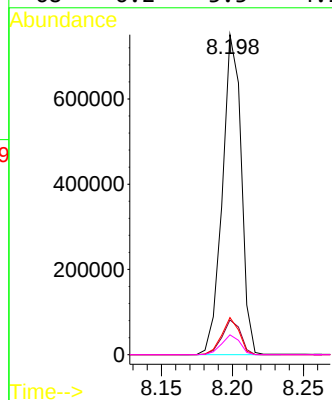
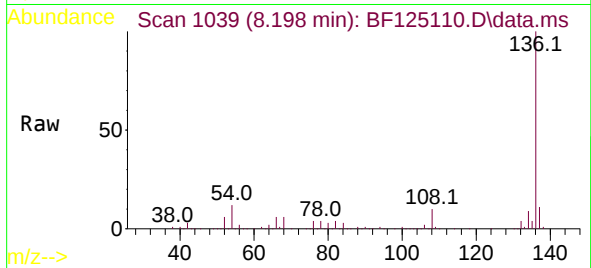




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

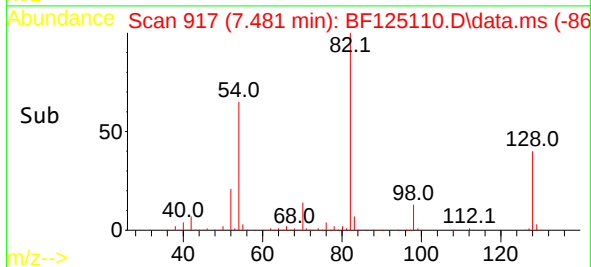
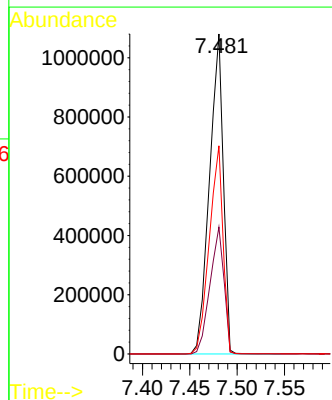
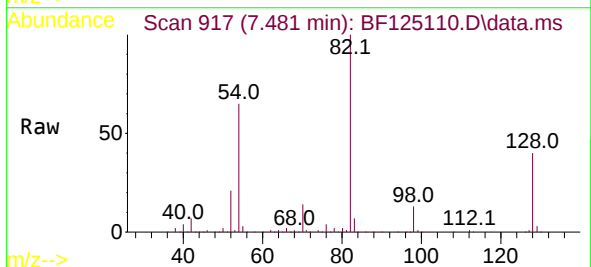
Instrument :
BNA_F
ClientSampleId :
PB138550TB

Tgt Ion:136 Resp: 691687
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 11.6 6.4 9.6#
68 6.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 79.844 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

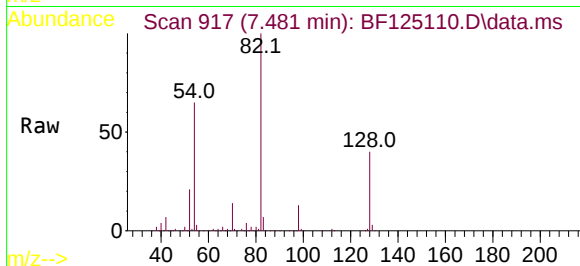
Tgt Ion: 82 Resp: 1096998
Ion Ratio Lower Upper
82 100
128 39.6 40.6 60.8#
54 65.1 49.6 74.4



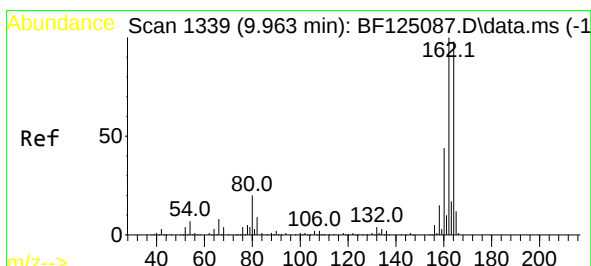
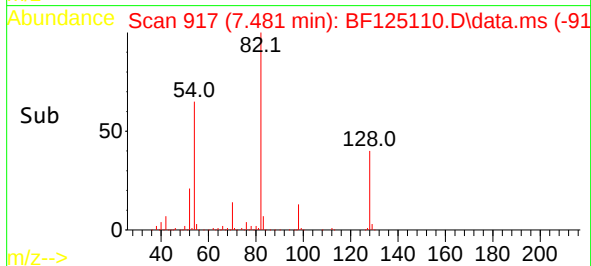
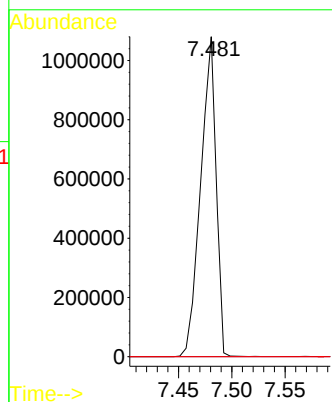


#25
Isophorone
Concen: 41.263 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

Instrument :
BNA_F
ClientSampleId :
PB138550TB

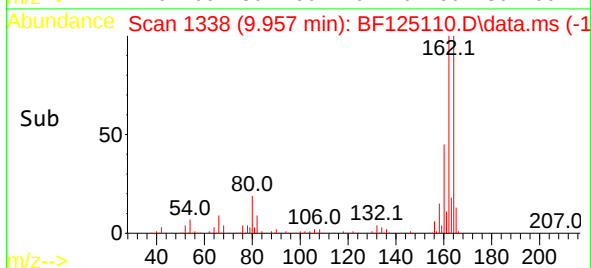
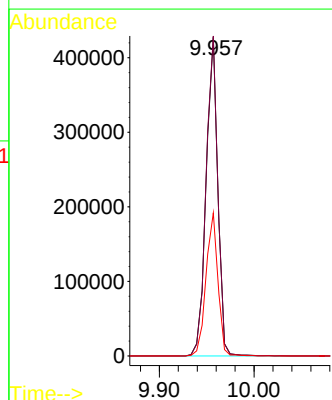
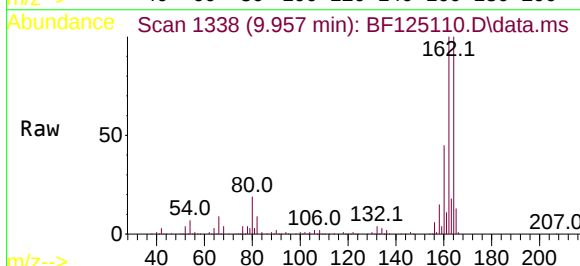


Tgt Ion: 82 Resp: 1093661
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

Tgt Ion: 164 Resp: 365166
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 44.9 38.0 57.0

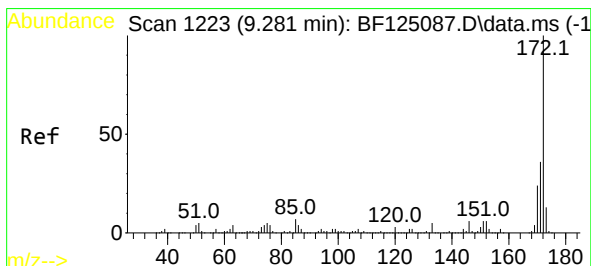
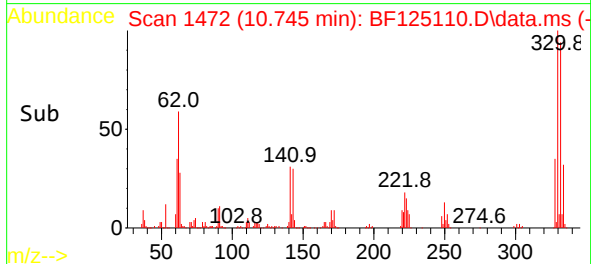
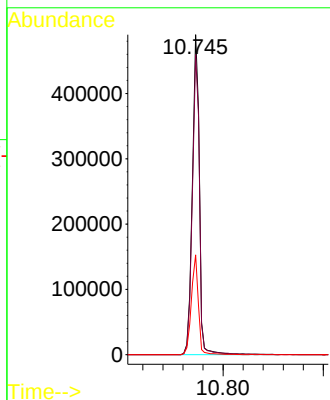
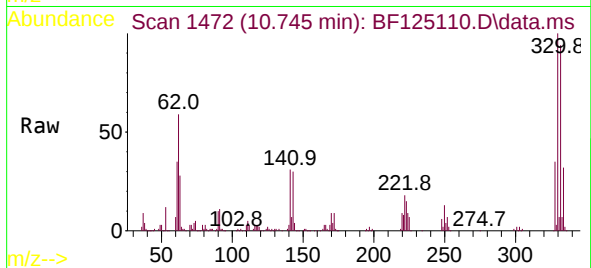




#42
2,4,6-Tribromophenol
Concen: 130.435 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

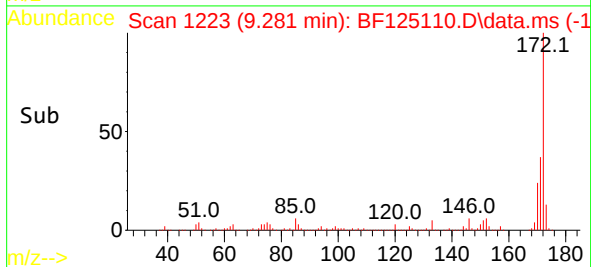
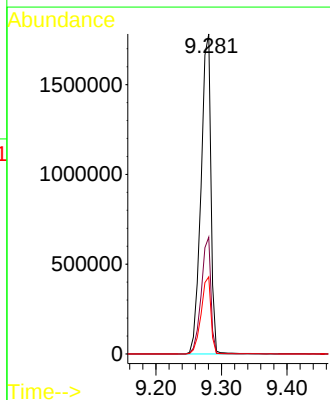
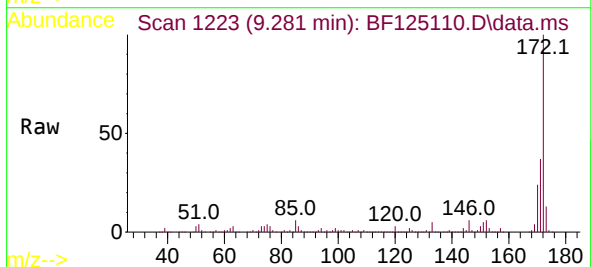
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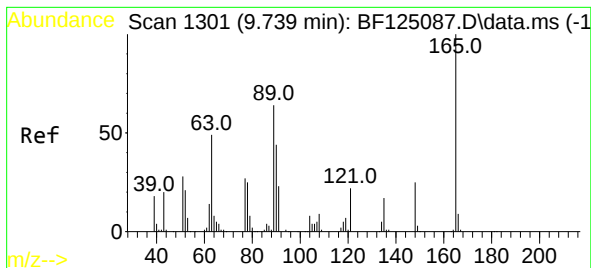
Tgt Ion:330 Resp: 475458
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 31.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 71.700 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

Tgt Ion:172 Resp: 1878579
Ion Ratio Lower Upper
172 100
171 36.5 26.5 39.7
170 24.1 18.8 28.2

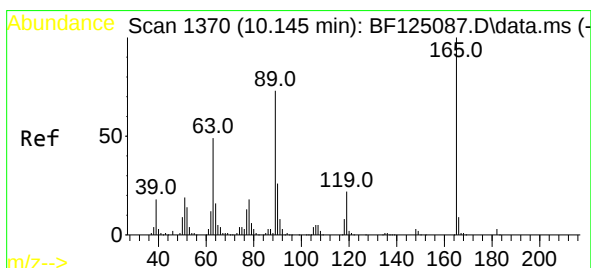
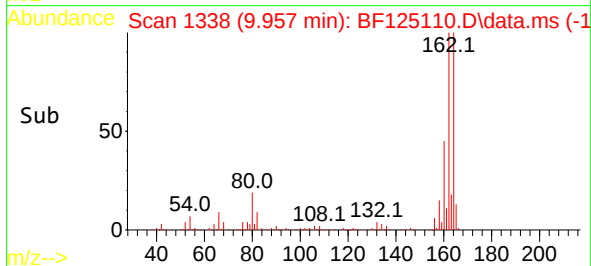
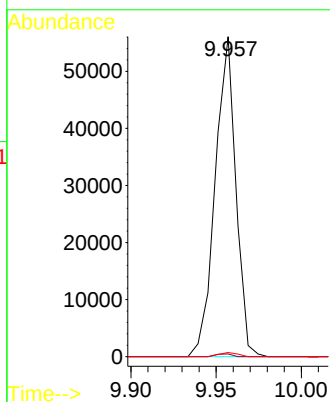
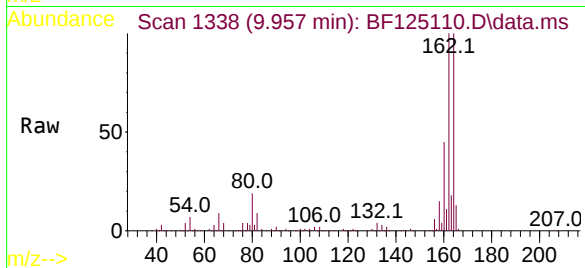




#51
2,6-Dinitrotoluene
Concen: 8.633 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

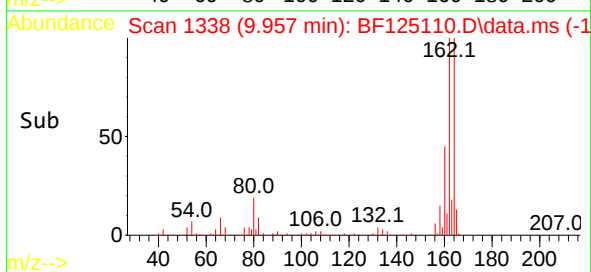
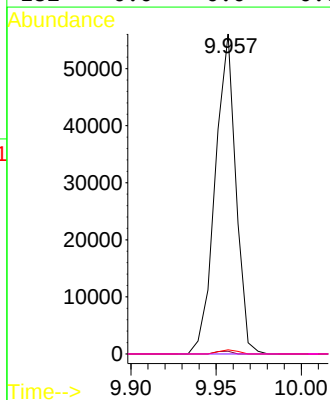
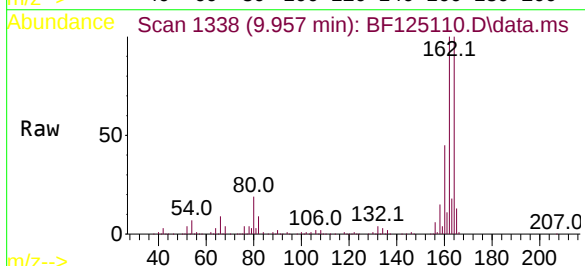
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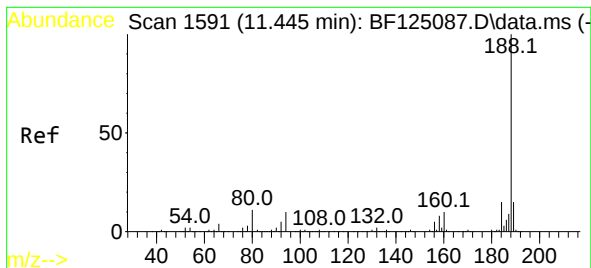
Tgt Ion:165 Resp: 47371
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.133 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

Tgt Ion:165 Resp: 47371
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

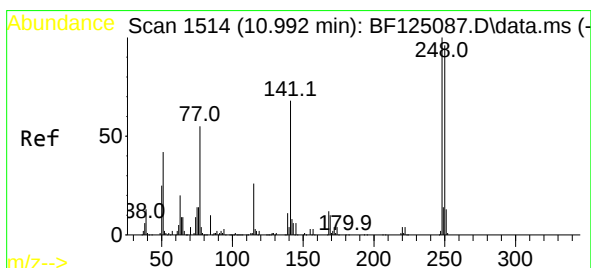
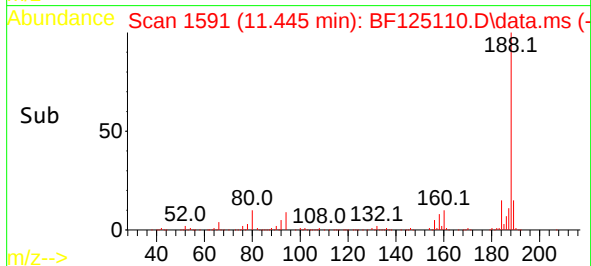
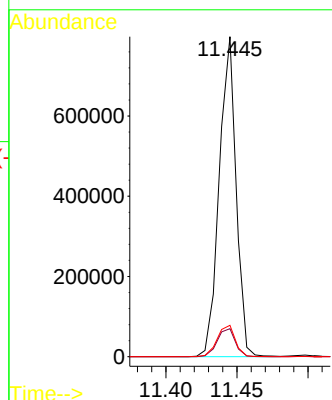
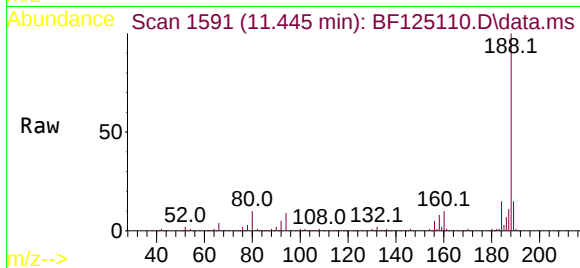




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

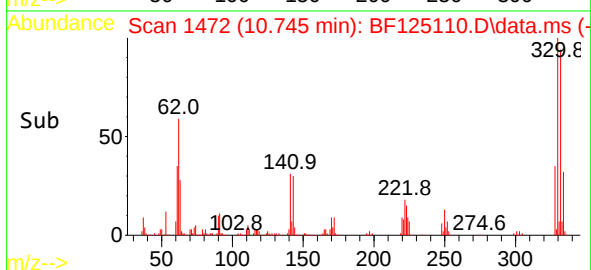
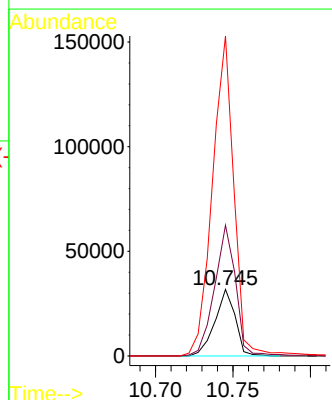
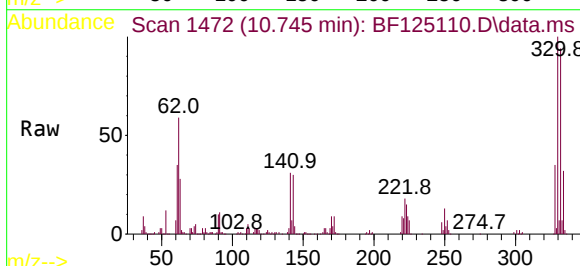
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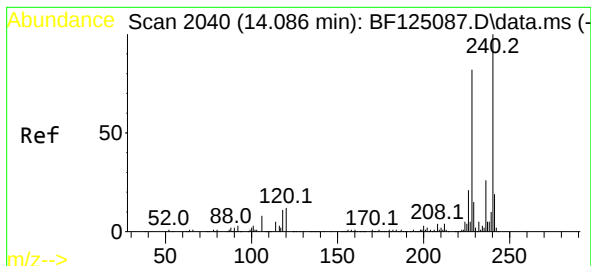
Tgt Ion:188 Resp: 658602
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.675 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

Tgt Ion:248 Resp: 29061
Ion Ratio Lower Upper
248 100
250 196.5 74.2 111.4#
141 480.9 60.4 90.6#

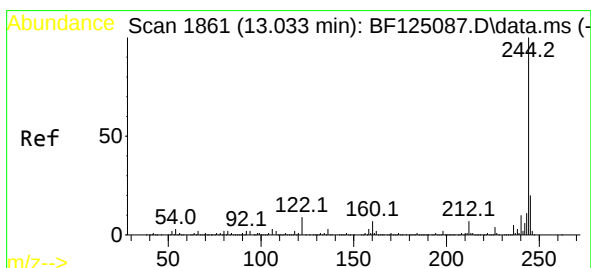
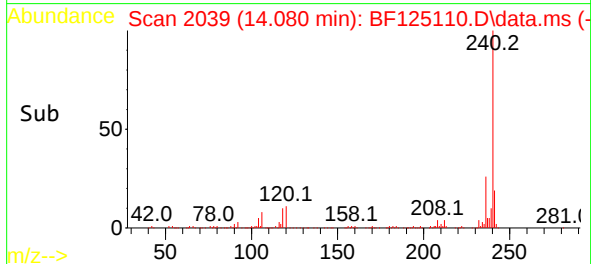
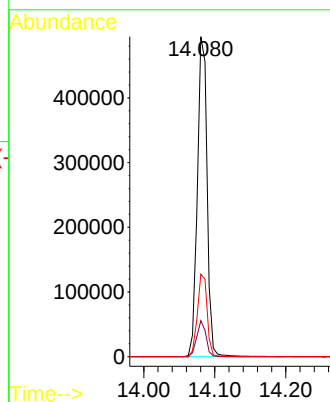
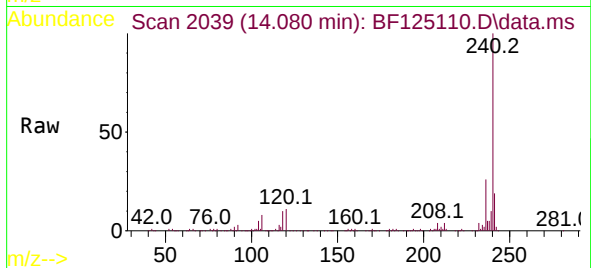




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

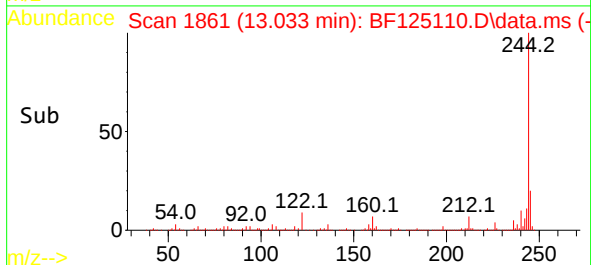
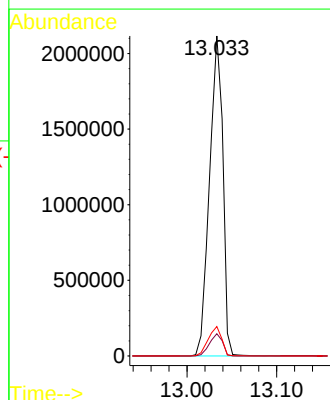
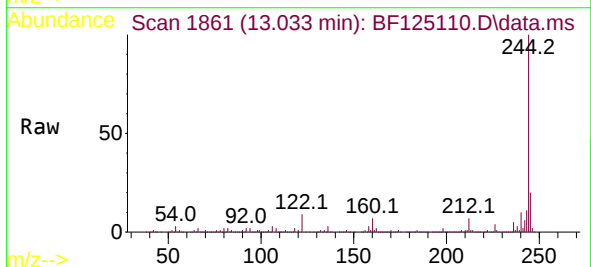
Instrument :
BNA_F
ClientSampleId :
PB138550TB

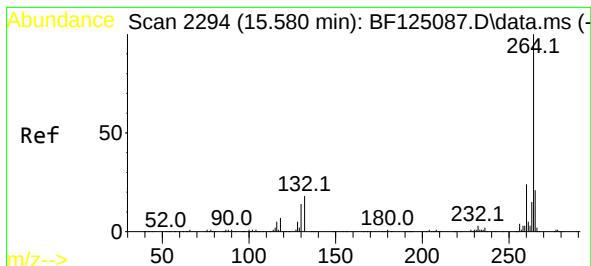
Tgt Ion:240 Resp: 472203
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 25.8 21.6 32.4



#79
Terphenyl-d14
Concen: 73.711 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF125110.D
Acq: 19 Aug 2021 12:45

Tgt Ion:244 Resp: 2184851
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.000 min
 Lab File: BF125110.D
 Acq: 19 Aug 2021 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB138550TB

Tgt Ion:264 Resp: 381604
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.6 29.4
 265 21.3 17.2 25.8

