

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125706.D
 Acq On : 29 Sep 2021 11:43
 Operator : JU/CG
 Sample : M3960-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMB-MW08-GW

Quant Time: Sep 29 12:30:12 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)

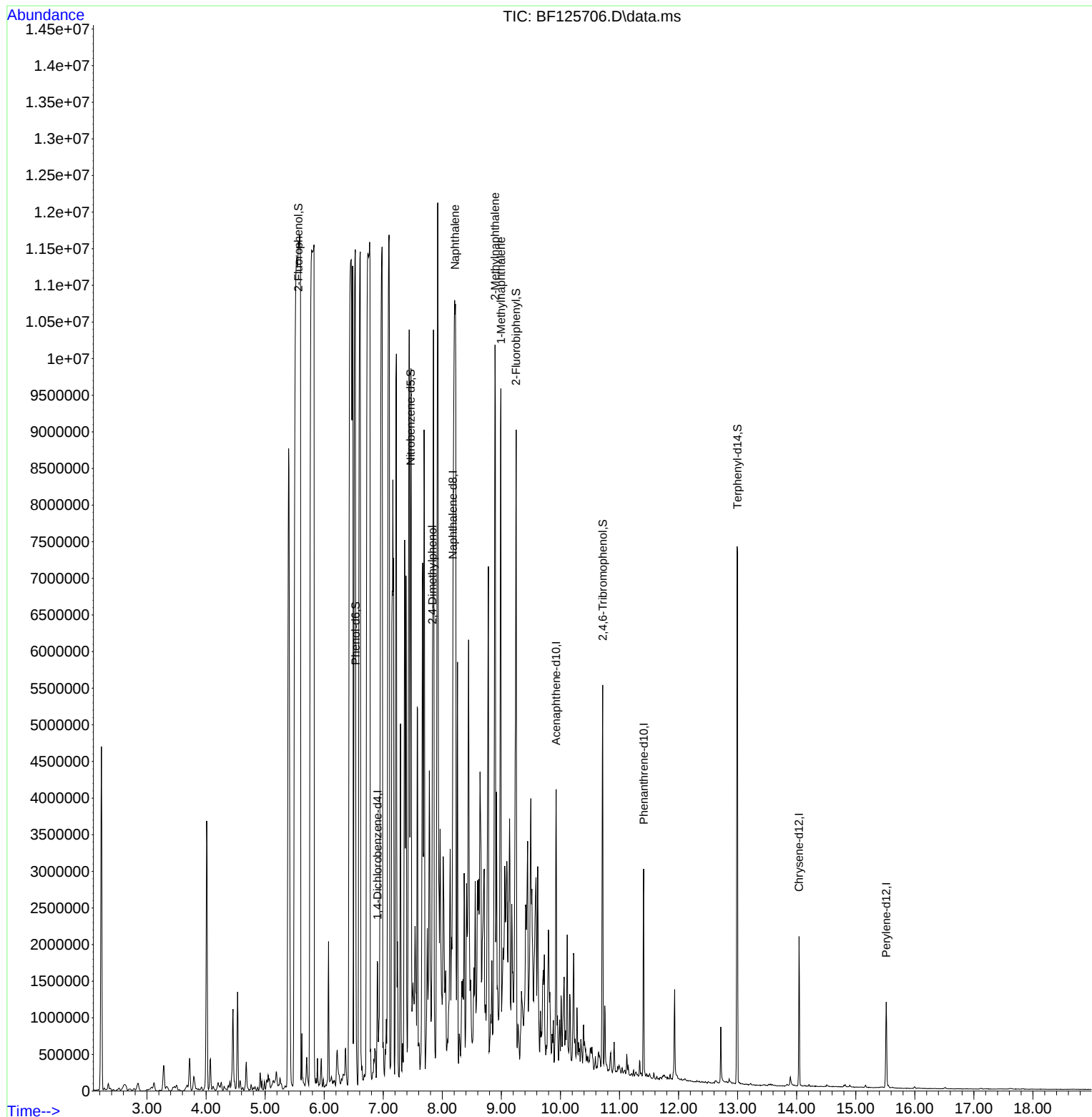
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	298394	20.000	ng	0.01
21) Naphthalene-d8	8.181	136	928656	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	597718	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1013445	20.000	ng	0.00
76) Chrysene-d12	14.039	240	641041	20.000	ng	0.00
86) Perylene-d12	15.515	264	512405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	165357	9.130	ng	0.06
7) Phenol-d6	6.534	99	658508	27.045	ng	0.02
23) Nitrobenzene-d5	7.463	82	1417242	106.447	ng	0.01
42) 2,4,6-Tribromophenol	10.716	330	791311	141.992	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2842978	85.550	ng	0.00
79) Terphenyl-d14	12.998	244	2888632	78.036	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	7.833	122	1111386	83.811	ng	97
31) Naphthalene	8.216	128	11115756	233.121	ng	# 84
37) 2-Methylnaphthalene	8.892	142	3345416	103.446	ng	97
38) 1-Methylnaphthalene	8.992	142	1941022	63.509	ng	99

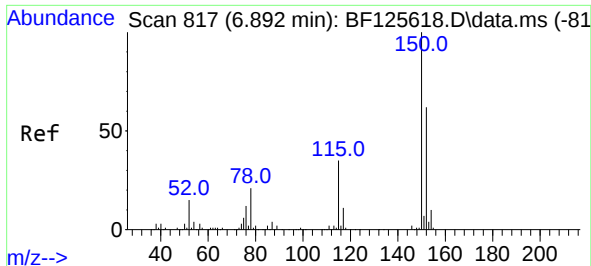
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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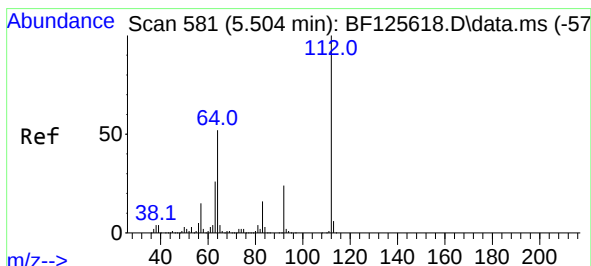
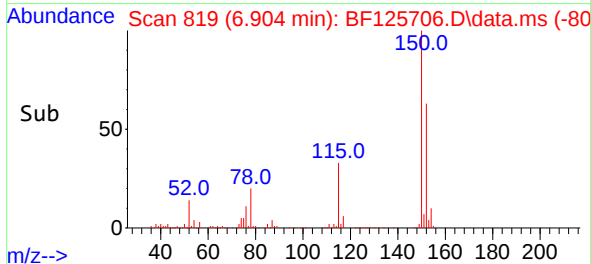
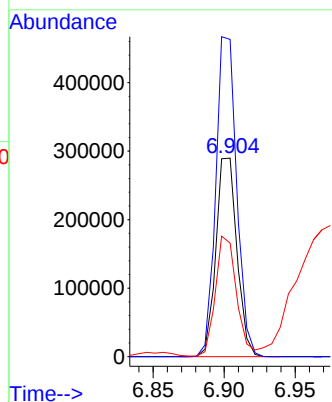
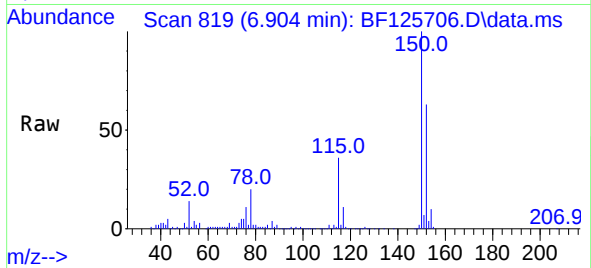




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.012 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

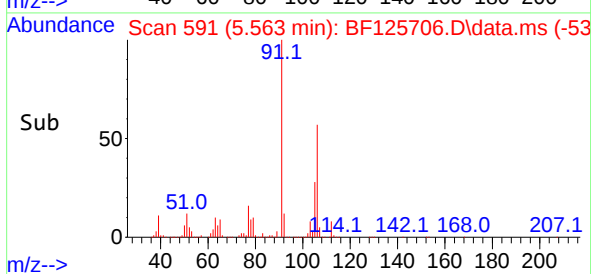
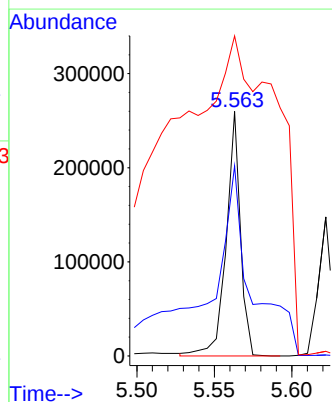
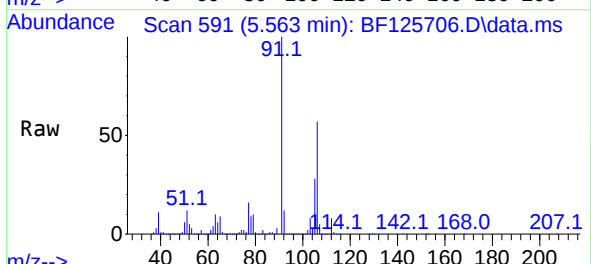
Instrument :
BNA_F
ClientSampleId :
RAMB-MW08-GW

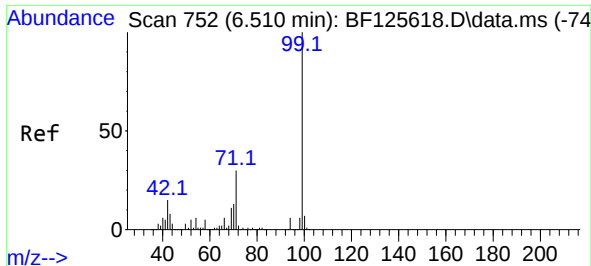
Tgt Ion:152 Resp: 298394
Ion Ratio Lower Upper
152 100
150 159.8 117.6 176.4
115 57.2 47.1 70.7



#5
2-Fluorophenol
Concen: 9.130 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.059 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

Tgt Ion:112 Resp: 165357
Ion Ratio Lower Upper
112 100
64 77.8 44.2 66.2#
63 130.9 26.2 39.2#

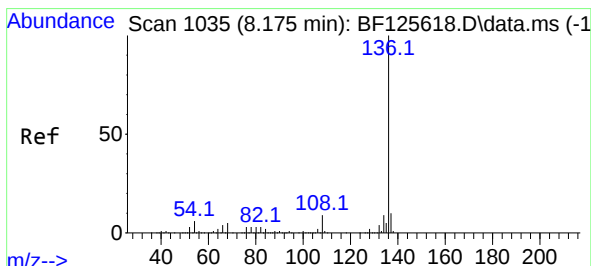
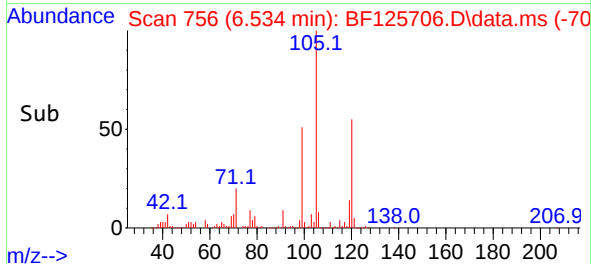
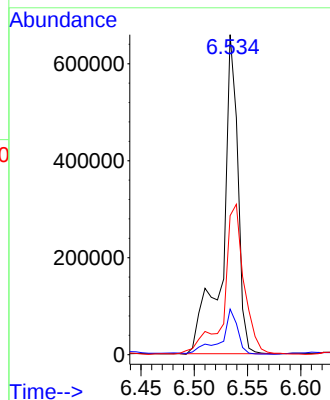
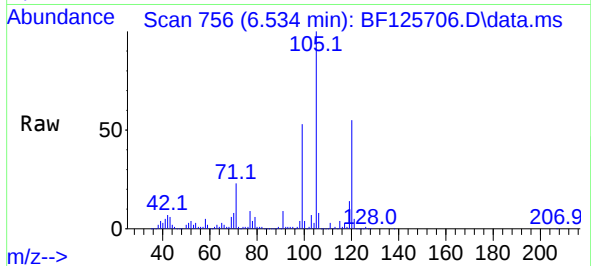




#7
Phenol-d6
Concen: 27.045 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.024 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

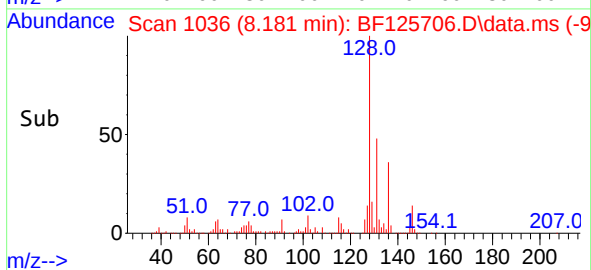
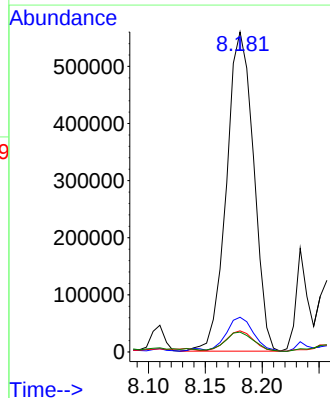
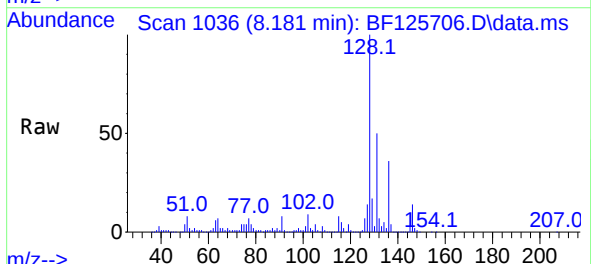
Instrument :
BNA_F
ClientSampleId :
RAMB-MW08-GW

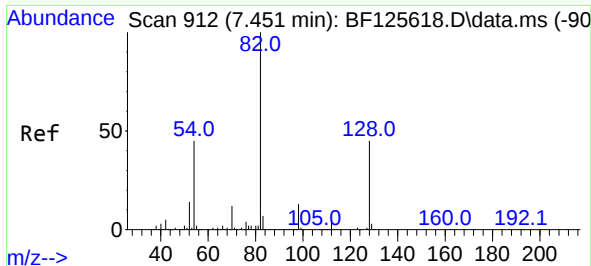
Tgt Ion: 99 Resp: 658508
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 43.5 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

Tgt Ion: 136 Resp: 928656
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 6.6 6.4 9.6
68 6.2 3.3 4.9#



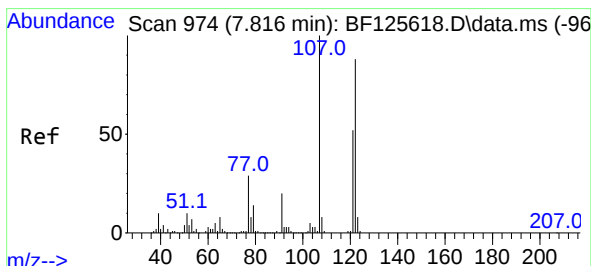
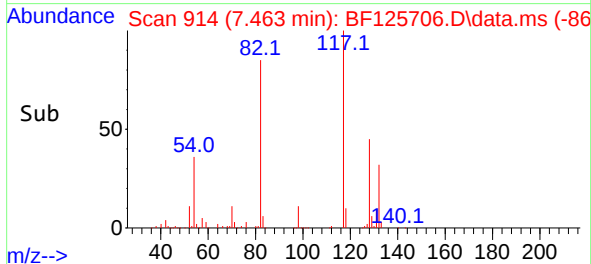
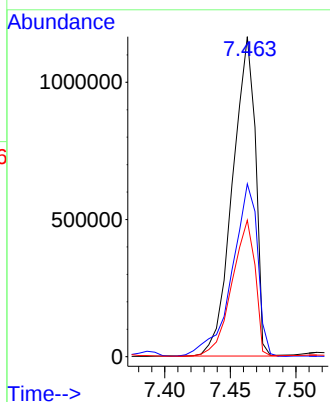
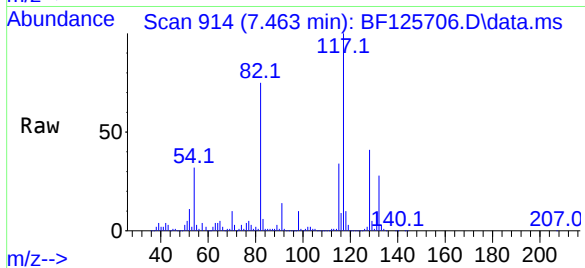


#23
Nitrobenzene-d5
Concen: 106.447 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.012 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

Instrument :
BNA_F
ClientSampleId :
RAMB-MW08-GW

Tgt Ion: 82 Resp: 1417242

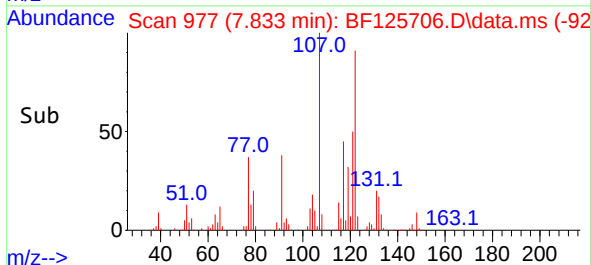
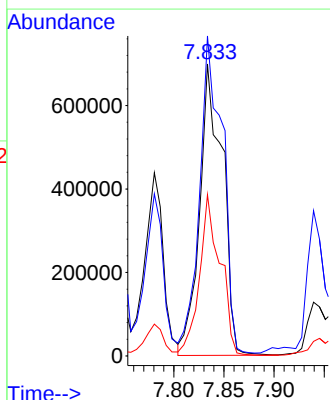
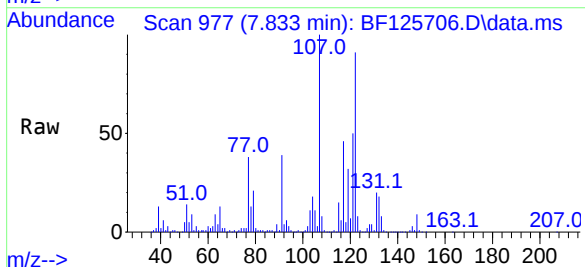
Ion	Ratio	Lower	Upper
82	100		
128	54.0	40.6	60.8
54	42.6	49.6	74.4#

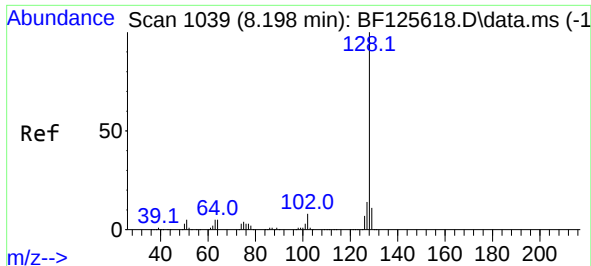


#27
2,4-Dimethylphenol
Concen: 83.811 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.017 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

Tgt Ion: 122 Resp: 1111386

Ion	Ratio	Lower	Upper
122	100		
107	109.6	85.0	127.6
121	55.2	43.3	64.9

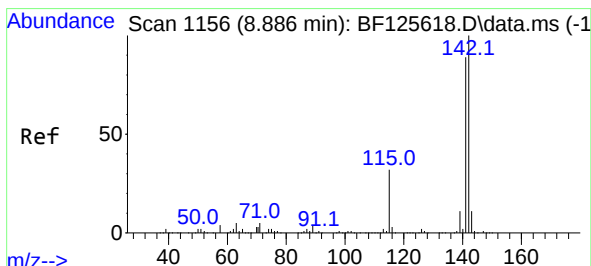
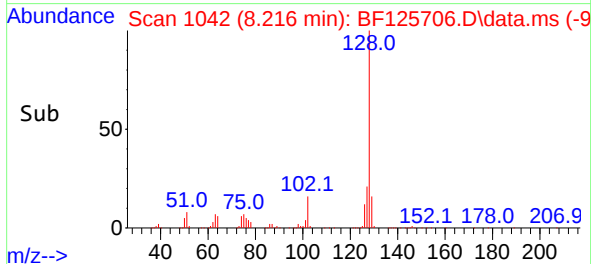
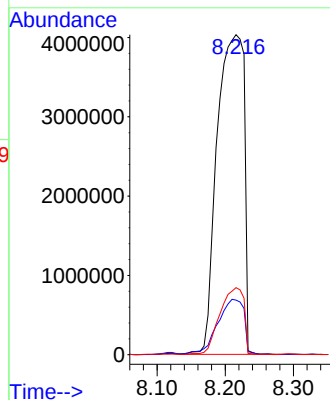
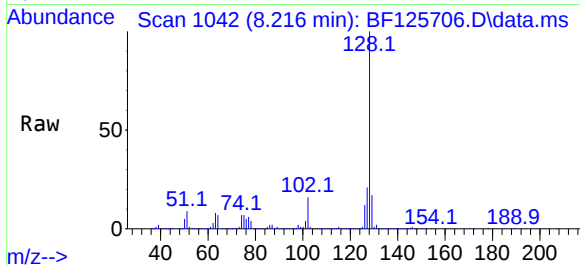




#31
Naphthalene
Concen: 233.121 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.018 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

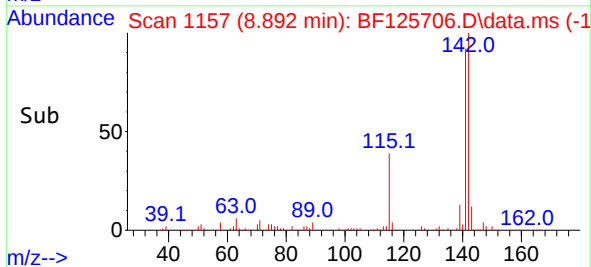
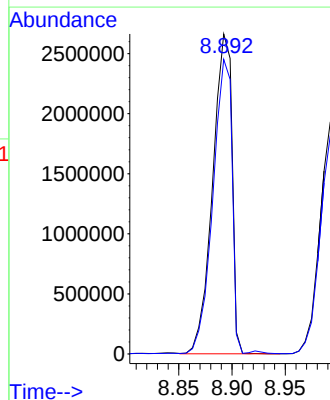
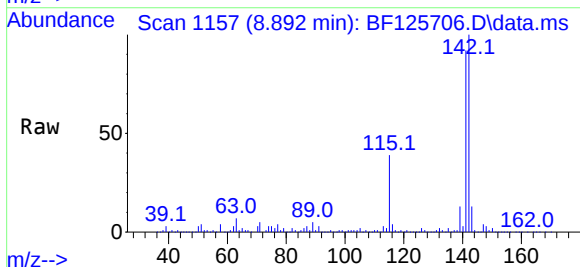
Instrument :
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ClientSampleId :
RAMB-MW08-GW

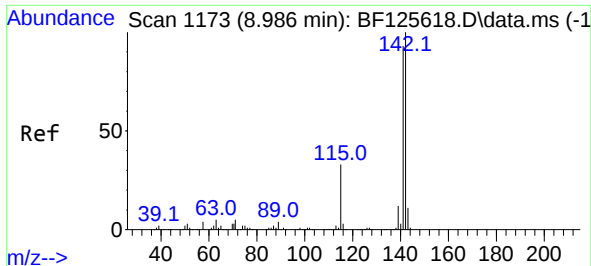
Tgt Ion:128 Resp:11115756
Ion Ratio Lower Upper
128 100
129 17.0 9.4 14.0#
127 20.9 10.9 16.3#



#37
2-Methylnaphthalene
Concen: 103.446 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

Tgt Ion:142 Resp: 3345416
Ion Ratio Lower Upper
142 100
141 92.1 71.2 106.8

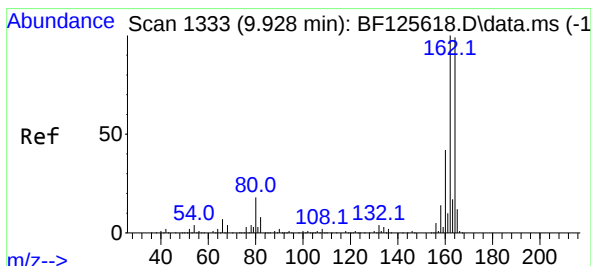
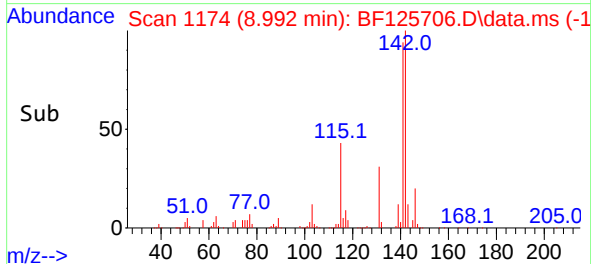
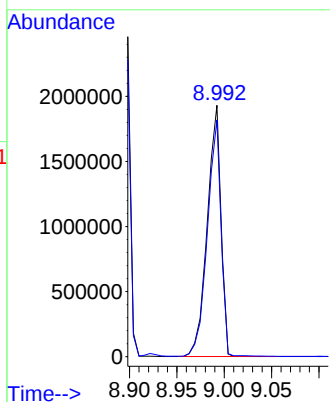
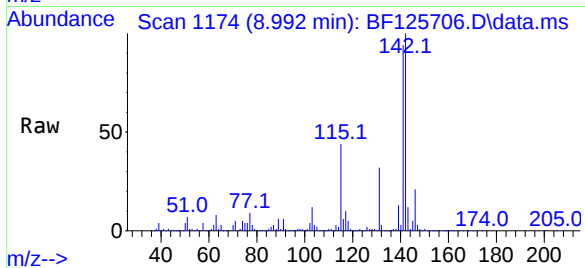




#38
1-Methylnaphthalene
Concen: 63.509 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

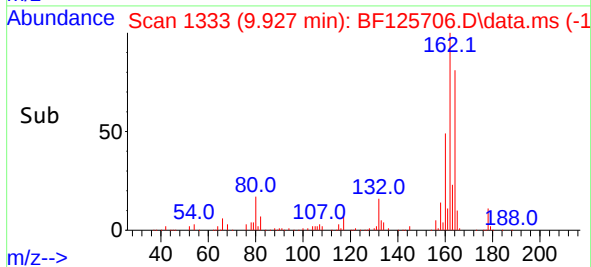
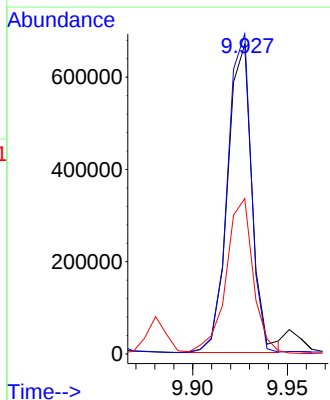
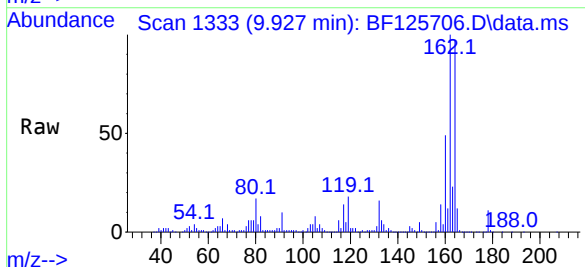
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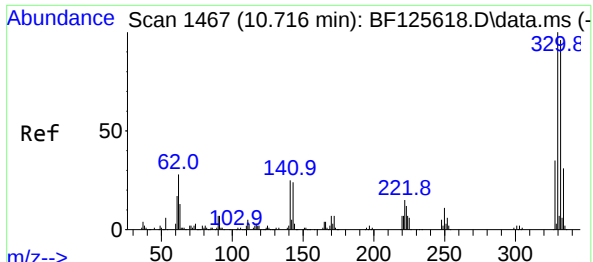
Tgt Ion:142 Resp: 1941022
Ion Ratio Lower Upper
142 100
141 94.2 76.0 114.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

Tgt Ion:164 Resp: 597718
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 50.2 38.0 57.0

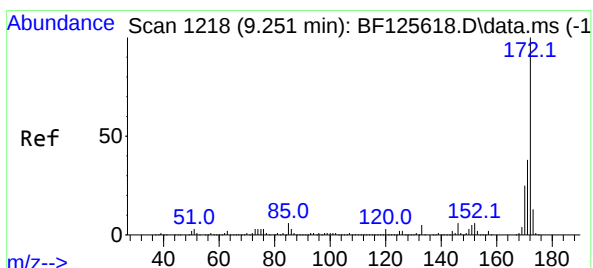
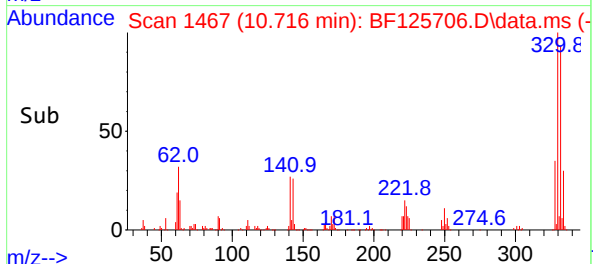
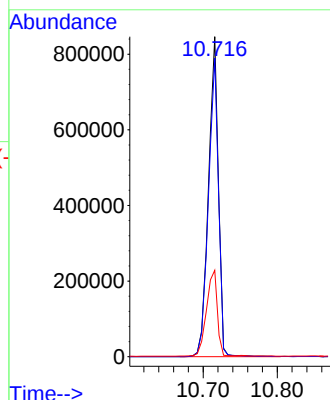
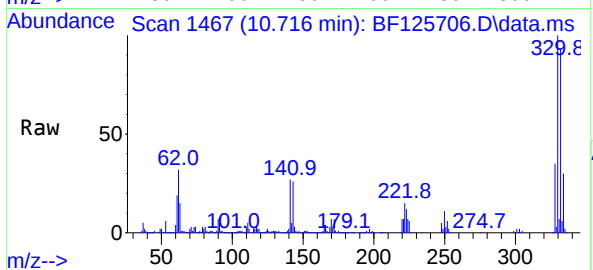




#42
2,4,6-Tribromophenol
Concen: 141.992 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

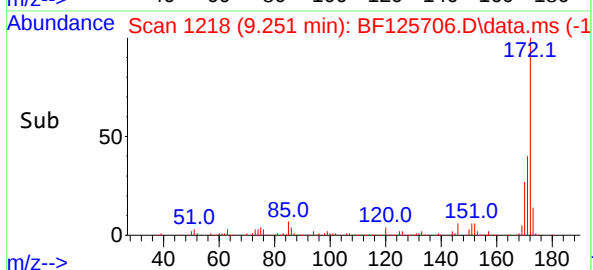
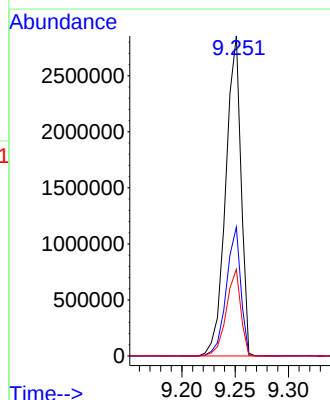
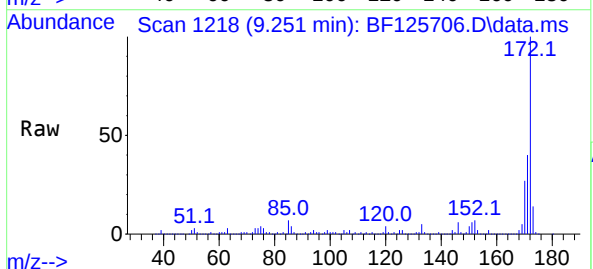
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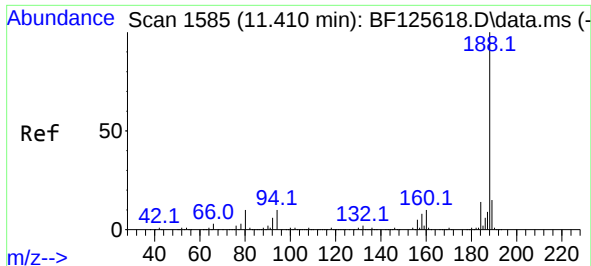
Tgt Ion: 330 Resp: 791311
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 29.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 85.550 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

Tgt Ion: 172 Resp: 2842978
Ion Ratio Lower Upper
172 100
171 40.3 26.5 39.7#
170 27.1 18.8 28.2

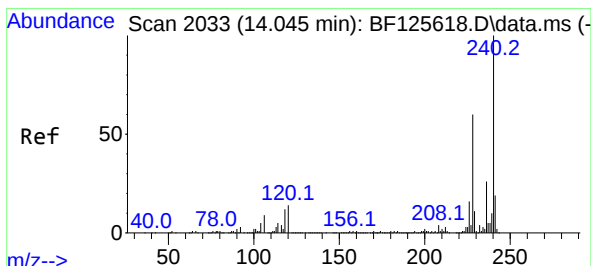
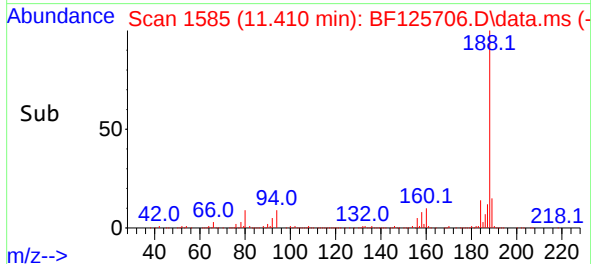
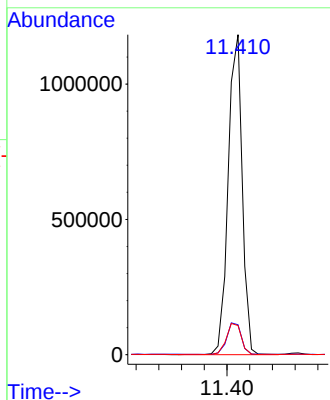
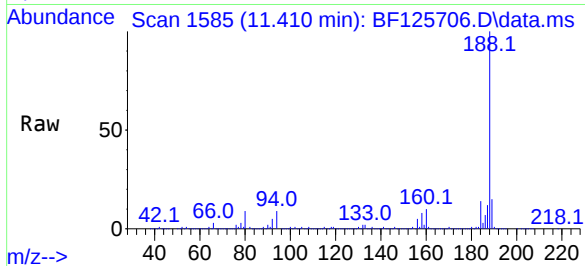




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

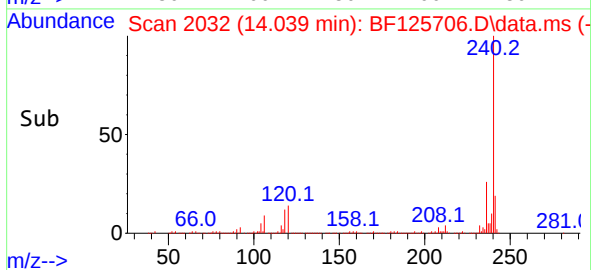
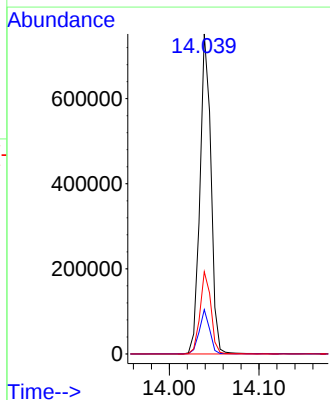
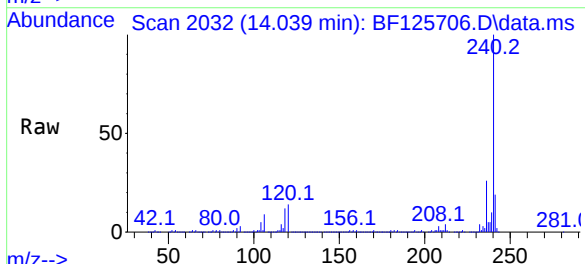
Instrument :
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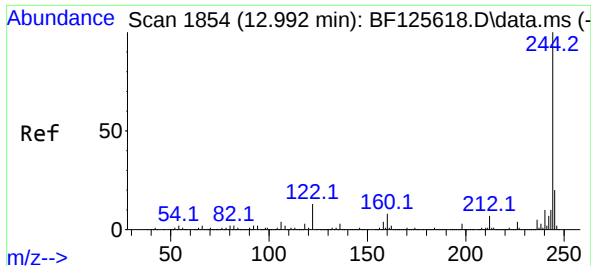
Tgt Ion:188 Resp: 1013445
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 9.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

Tgt Ion:240 Resp: 641041
Ion Ratio Lower Upper
240 100
120 13.8 10.8 16.2
236 25.7 21.6 32.4

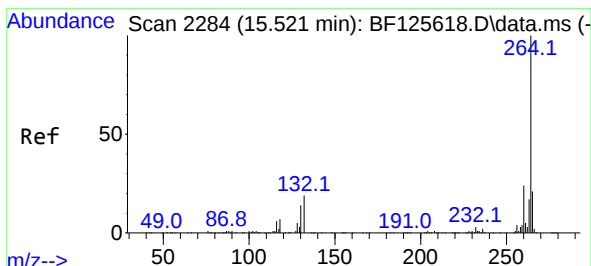
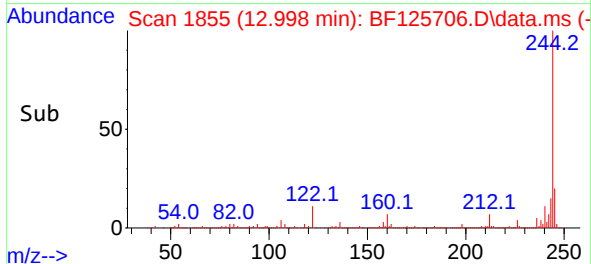
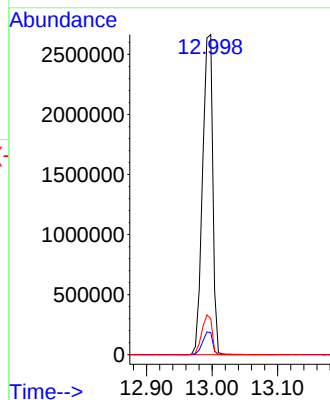
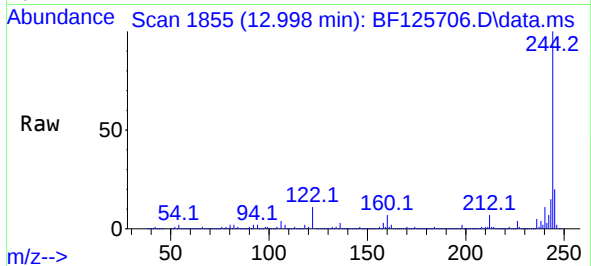




#79
Terphenyl-d14
Concen: 78.036 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF125706.D
Acq: 29 Sep 2021 11:43

Instrument :
BNA_F
ClientSampleId :
RAMB-MW08-GW

Tgt Ion:244 Resp: 2888632
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.3 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: BF125706.D
Acq: 29 Sep 2021 11:43

Tgt Ion:264 Resp: 512405
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 20.7 17.2 25.8

