

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125205.D
 Acq On : 25 Aug 2021 12:39
 Operator : JU/CG
 Sample : M3524-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-7

Quant Time: Aug 25 13:36:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

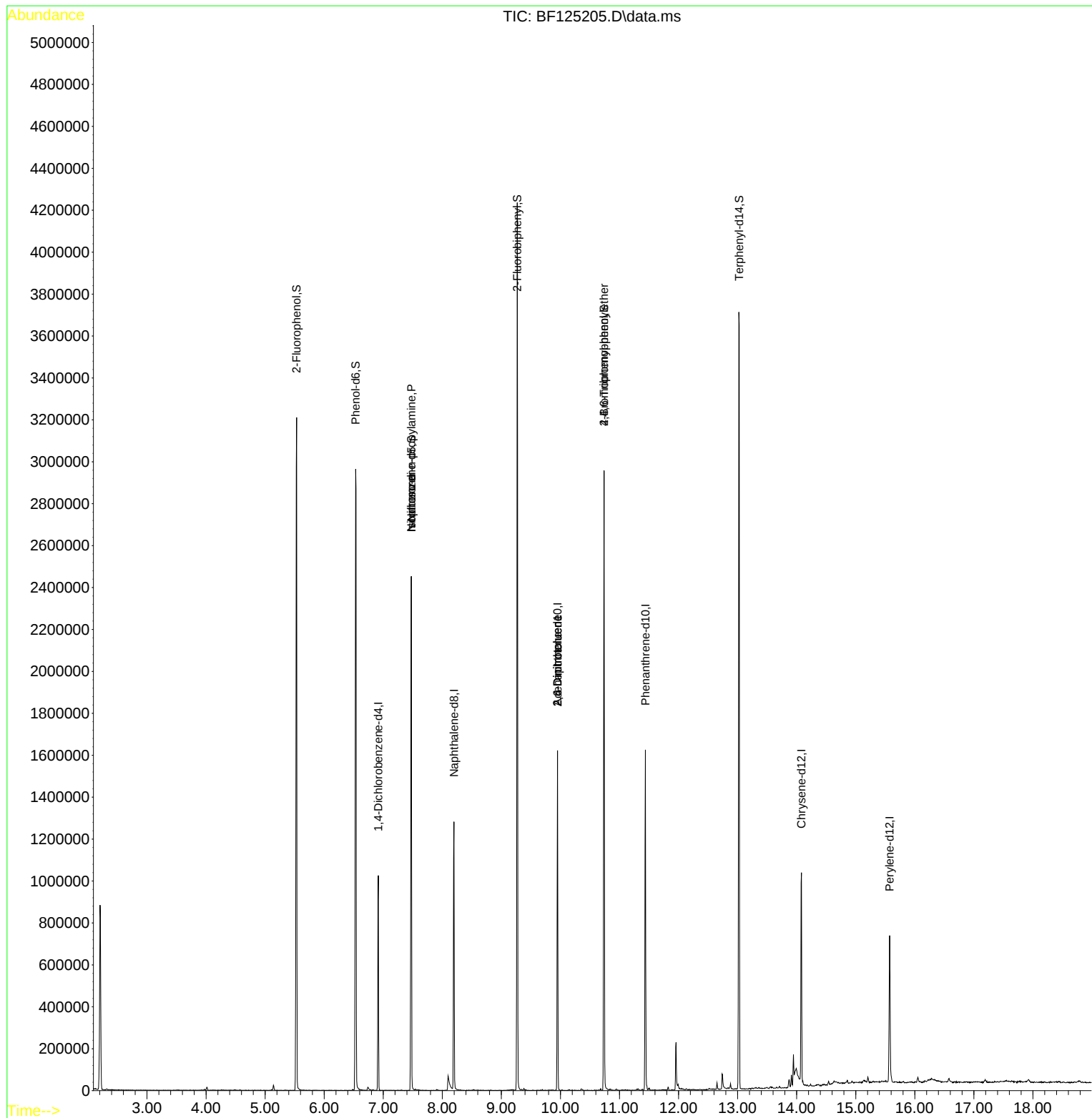
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	142035	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	551234	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	298432	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	558326	20.000	ng	0.00
76) Chrysene-d12	14.080	240	365580	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	311217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	813741	86.716	ng	0.00
7) Phenol-d6	6.534	99	1031085	84.958	ng	0.00
23) Nitrobenzene-d5	7.475	82	702353	64.146	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	342604	115.006	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1256680	58.689	ng	0.00
79) Terphenyl-d14	13.027	244	1393206	60.712	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	96666	13.242	ng	# 59
25) Isophorone	7.475	82	702447	33.256	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	38203	8.519	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	38203	7.039	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	21251	3.170	ng	# 1

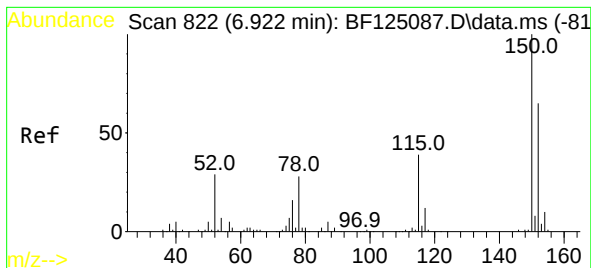
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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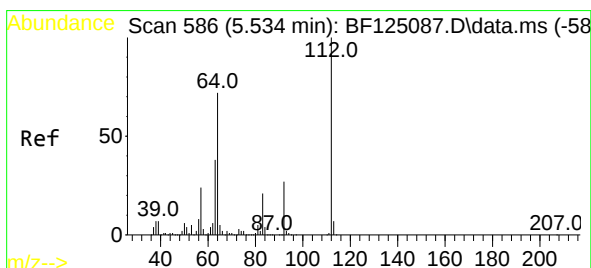
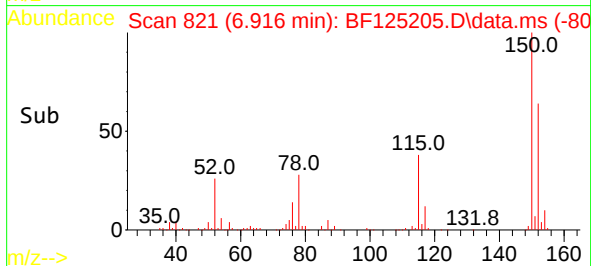
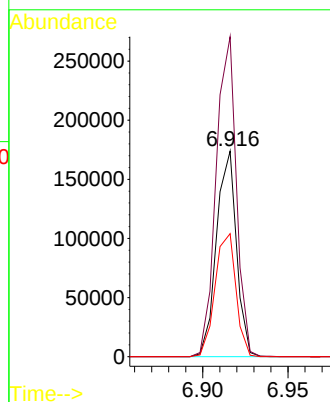
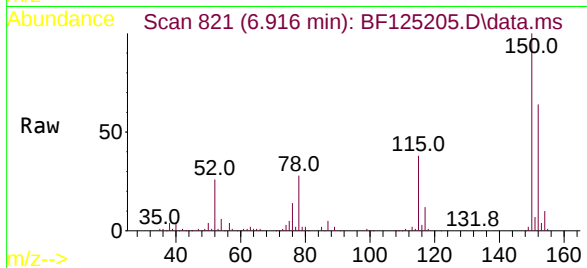




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

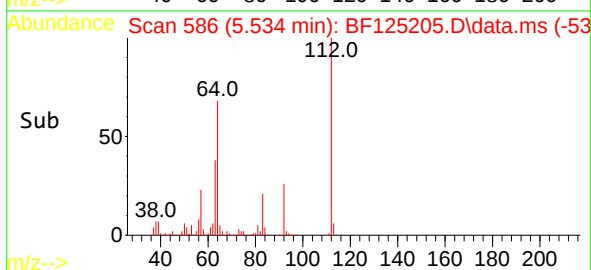
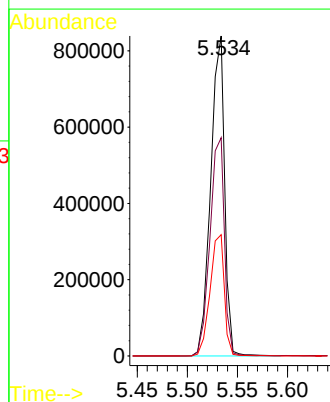
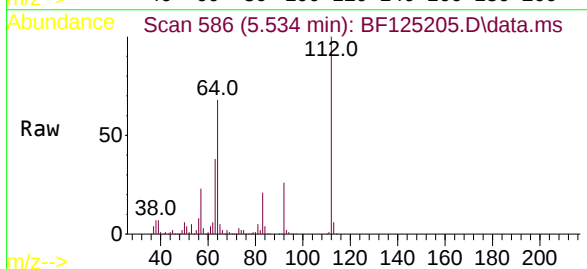
Instrument :
BNA_F
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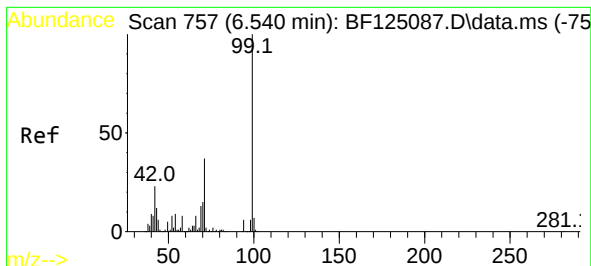
Tgt Ion:152 Resp: 142035
Ion Ratio Lower Upper
152 100
150 155.6 117.6 176.4
115 59.8 47.1 70.7



#5
2-Fluorophenol
Concen: 86.716 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

Tgt Ion:112 Resp: 813741
Ion Ratio Lower Upper
112 100
64 68.2 44.2 66.2#
63 37.9 26.2 39.2





#7

Phenol-d6

Concen: 84.958 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF125205.D

Acq: 25 Aug 2021 12:39

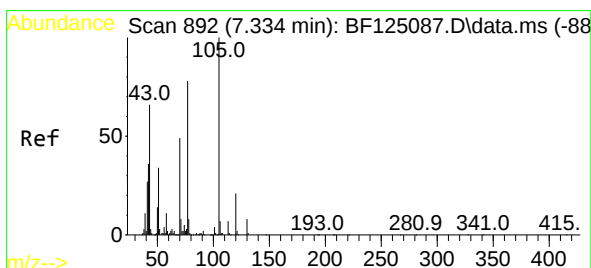
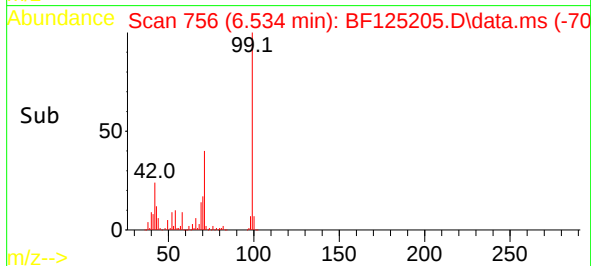
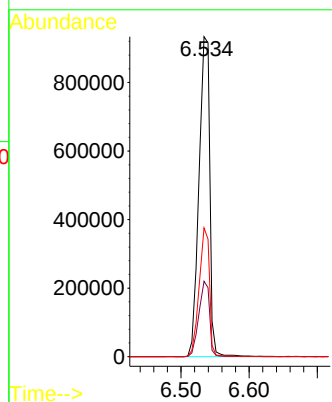
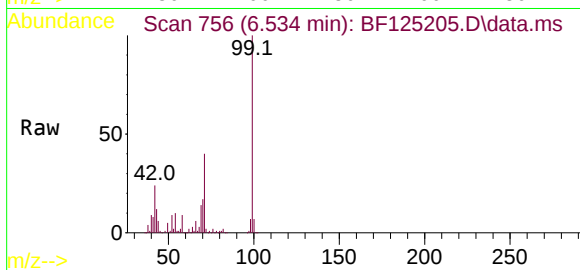
Tgt Ion: 99 Resp: 1031085

Ion Ratio Lower Upper

99 100

42 23.6 23.5 35.3

71 40.2 25.6 38.4#



#19

n-Nitroso-di-n-propylamine

Concen: 13.242 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.147 min

Lab File: BF125205.D

Acq: 25 Aug 2021 12:39

Tgt Ion: 70 Resp: 96666

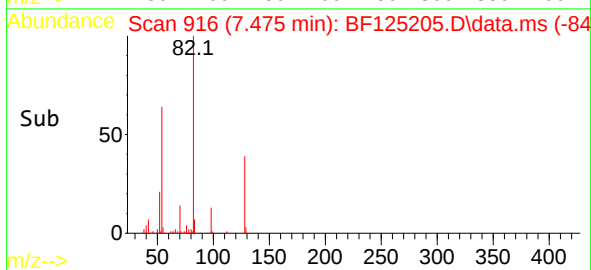
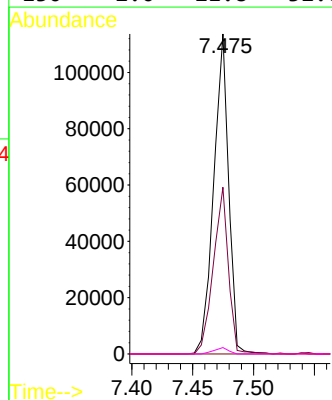
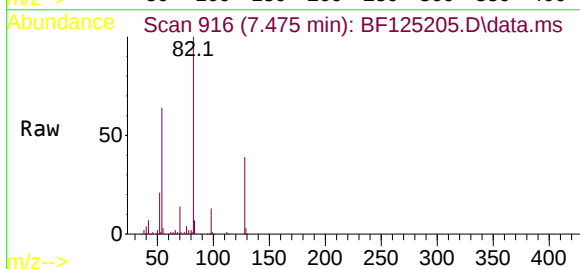
Ion Ratio Lower Upper

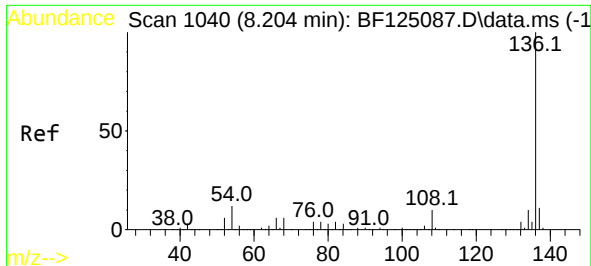
70 100

42 52.1 72.2 108.2#

101 0.0 7.8 11.8#

130 2.0 21.8 32.6#

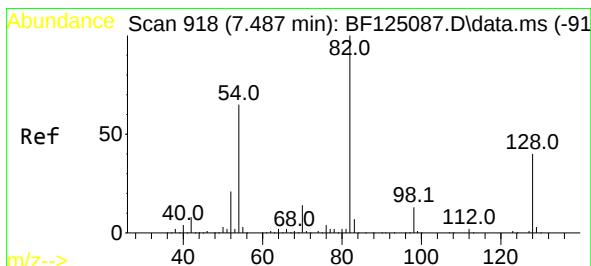
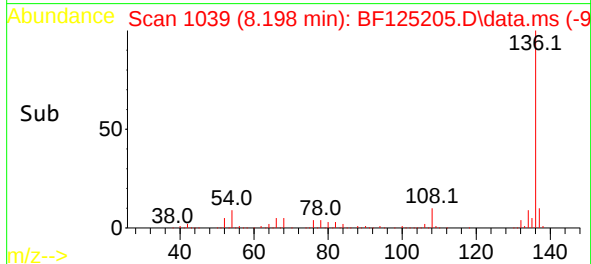
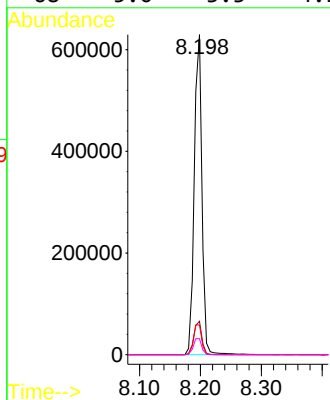
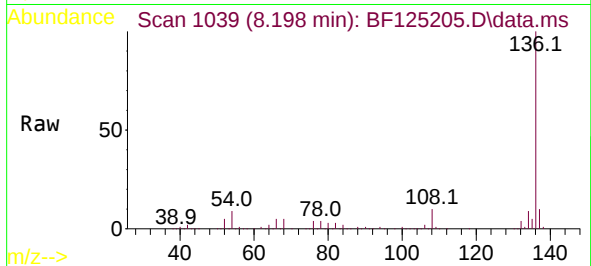




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

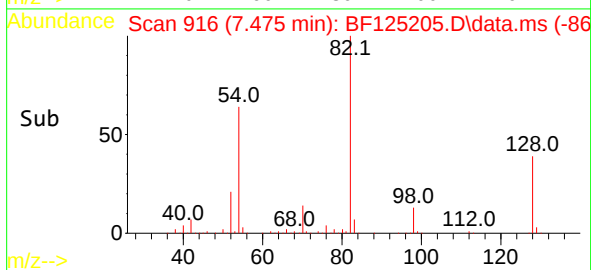
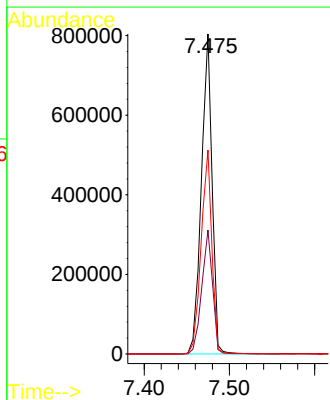
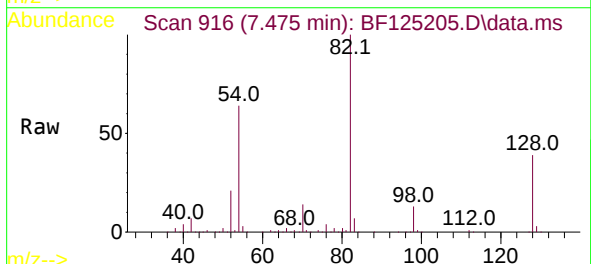
Instrument :
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PE-7

Tgt Ion:	136	Resp:	551234
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	9.3	6.4	9.6
68	5.0	3.3	4.9



#23
Nitrobenzene-d5
Concen: 64.146 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

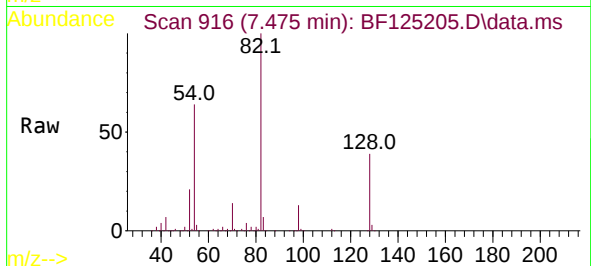
Tgt Ion:	82	Resp:	702353
Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	60.8
54	63.7	49.6	74.4



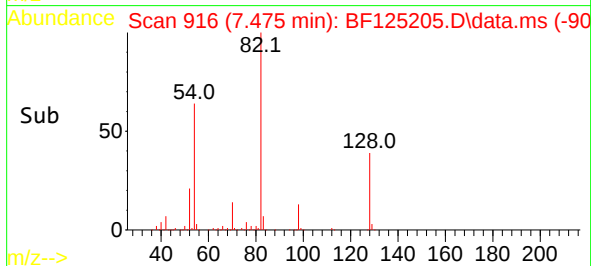
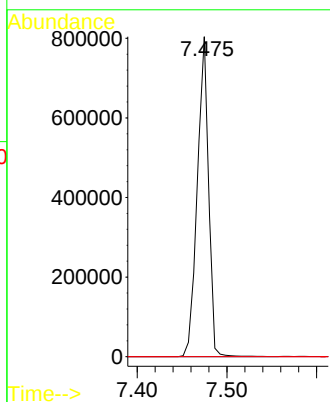


#25
Isophorone
Concen: 33.256 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

Instrument :
BNA_F
ClientSampleId :
PE-7

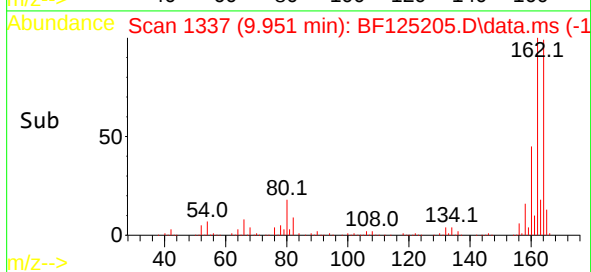
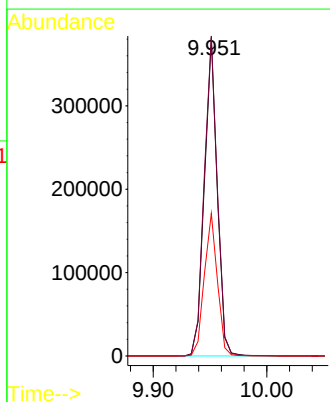
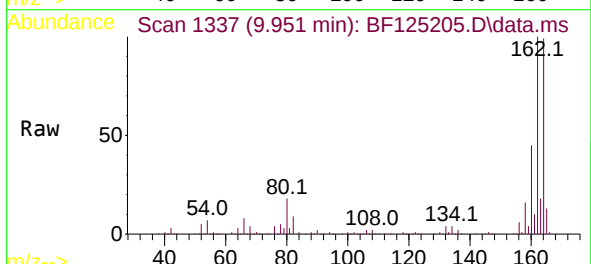


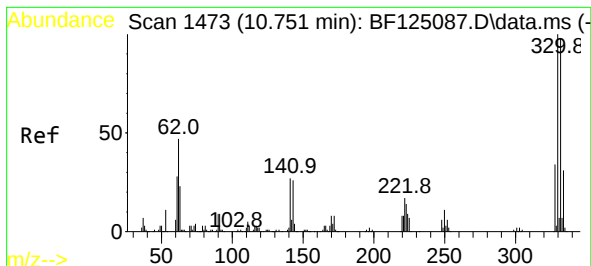
Tgt Ion: 82 Resp: 702447
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

Tgt Ion: 164 Resp: 298432
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 44.8 38.0 57.0

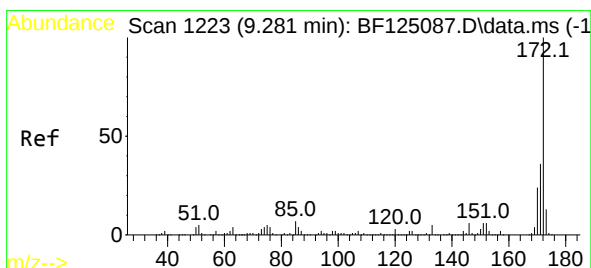
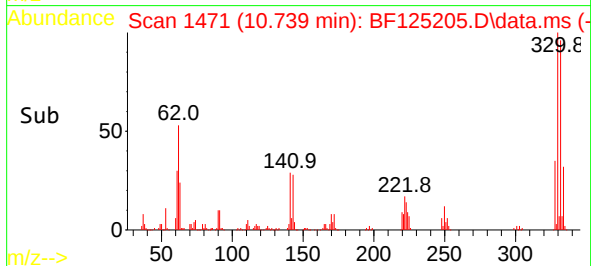
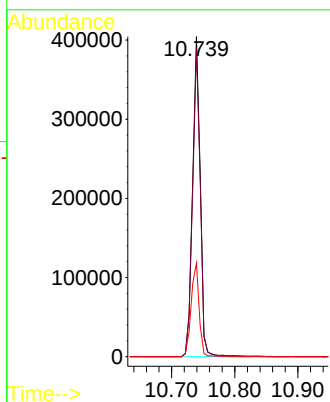
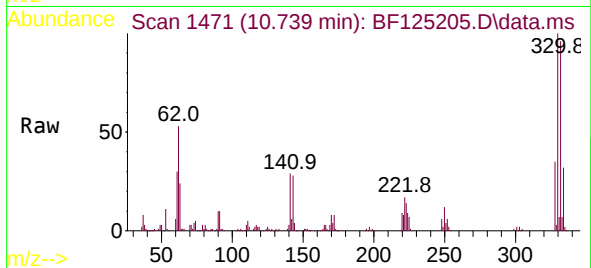




#42
2,4,6-Tribromophenol
Concen: 115.006 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

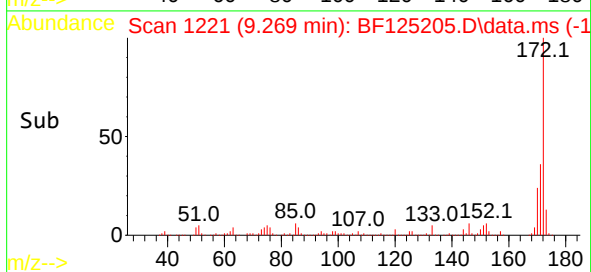
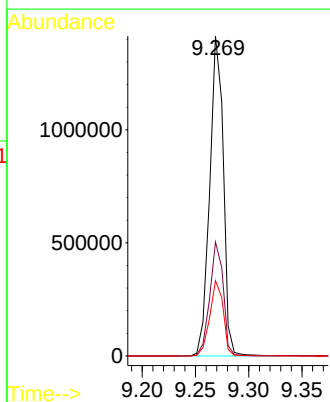
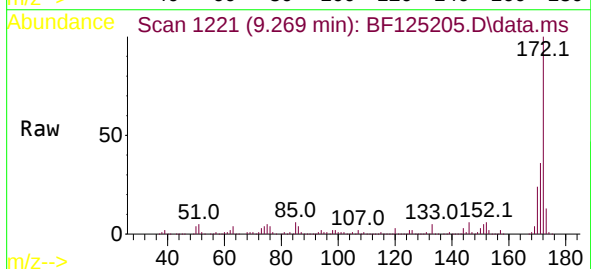
Instrument :
BNA_F
ClientSampleId :
PE-7

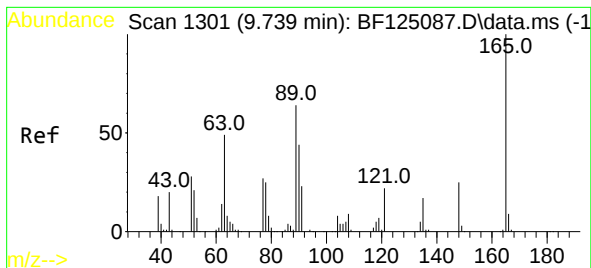
Tgt Ion:330 Resp: 342604
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 30.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 58.689 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

Tgt Ion:172 Resp: 1256680
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.6 18.8 28.2

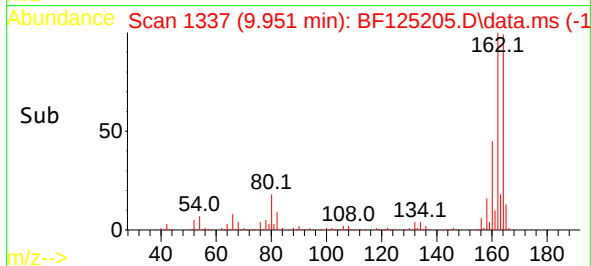
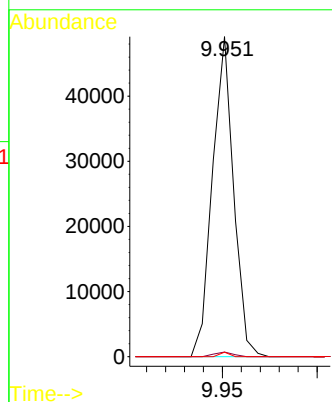
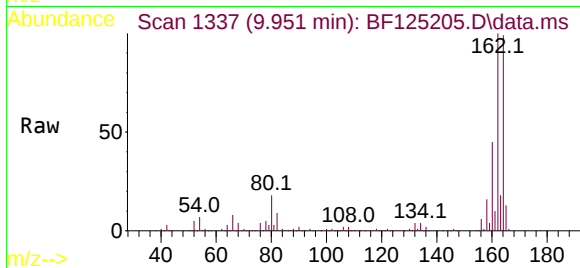




#51
2,6-Dinitrotoluene
Concen: 8.519 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

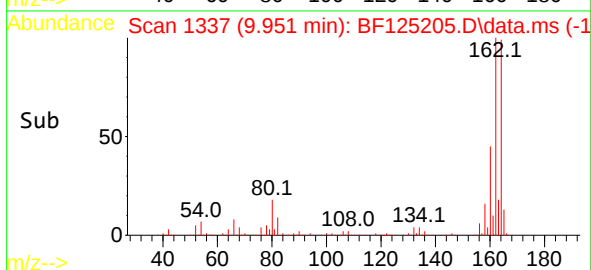
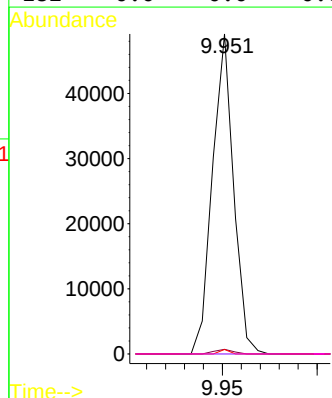
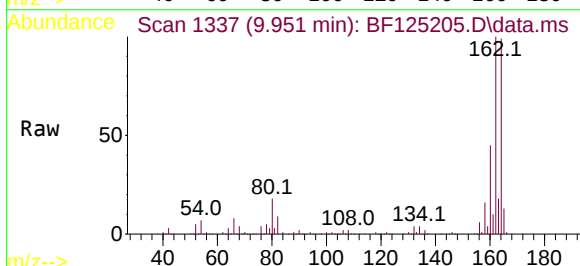
Instrument :
BNA_F
ClientSampleId :
PE-7

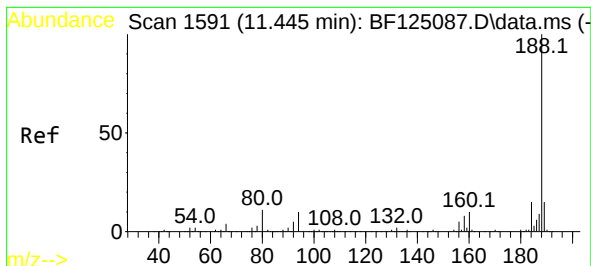
Tgt Ion:165 Resp: 38203
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.039 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

Tgt Ion:165 Resp: 38203
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

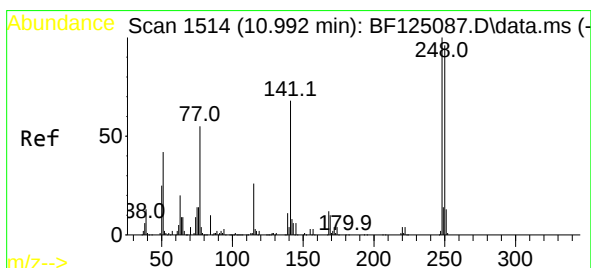
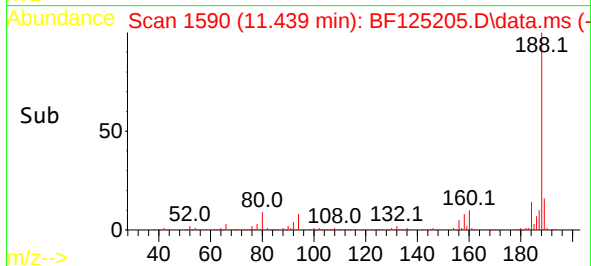
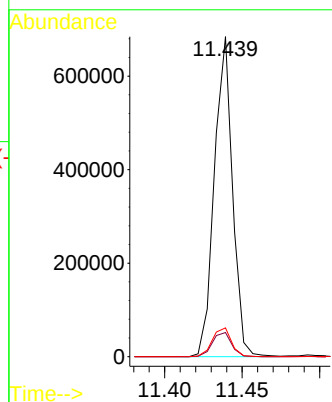
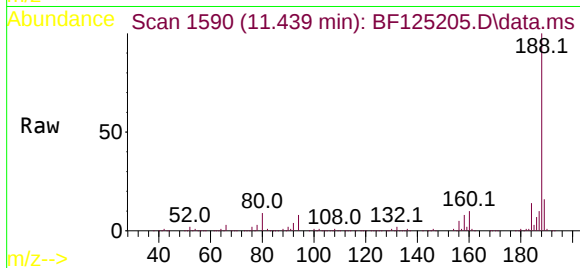




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

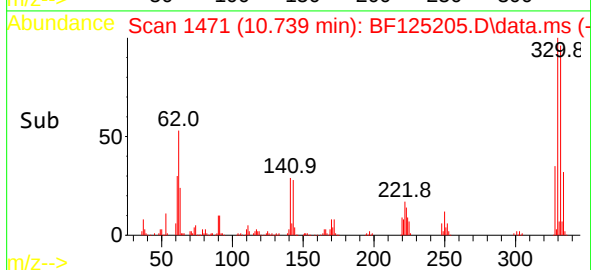
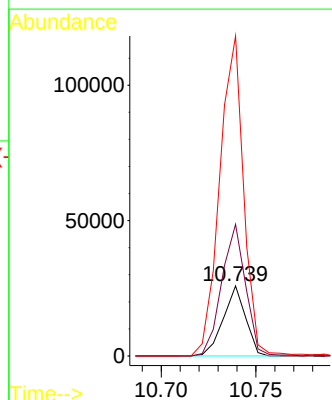
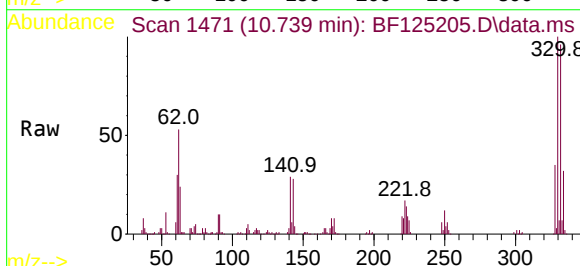
Instrument :
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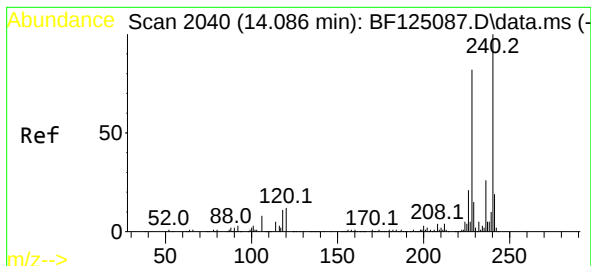
Tgt Ion:188 Resp: 558326
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.170 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

Tgt Ion:248 Resp: 21251
Ion Ratio Lower Upper
248 100
250 187.8 74.2 111.4#
141 456.6 60.4 90.6#

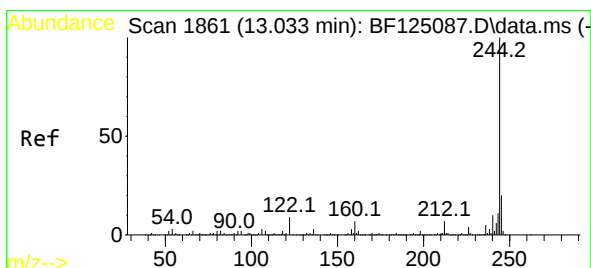
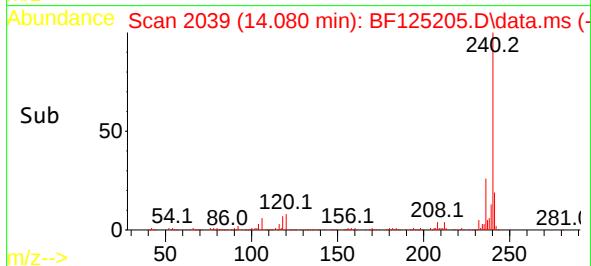
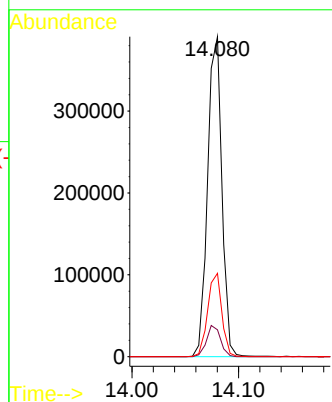
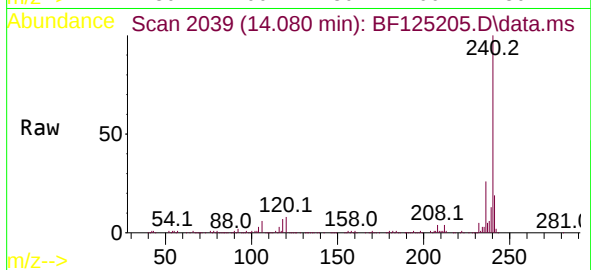




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

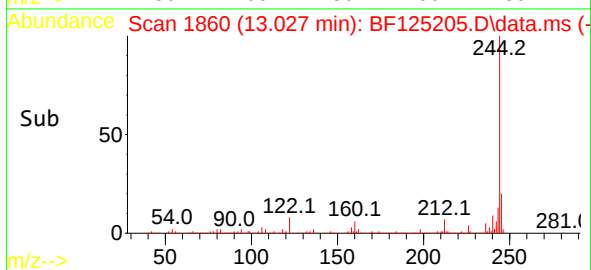
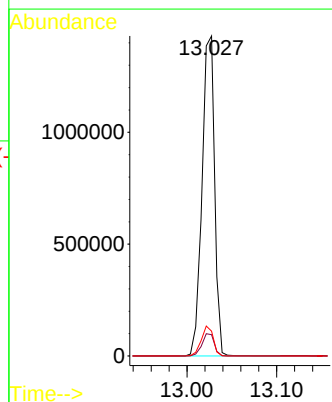
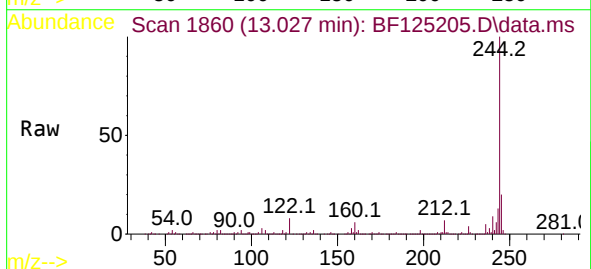
Instrument :
BNA_F
ClientSampleId :
PE-7

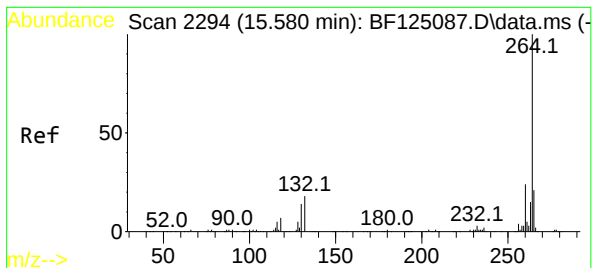
Tgt Ion:240 Resp: 365580
Ion Ratio Lower Upper
240 100
120 8.4 10.8 16.2#
236 26.1 21.6 32.4



#79
Terphenyl-d14
Concen: 60.712 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

Tgt Ion:244 Resp: 1393206
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 7.8 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125205.D
Acq: 25 Aug 2021 12:39

Instrument :
BNA_F
ClientSampleId :
PE-7

Tgt Ion:264 Resp: 311217

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	21.4	17.2	25.8

