

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125207.D
 Acq On : 25 Aug 2021 13:42
 Operator : JU/CG
 Sample : M3524-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Quant Time: Aug 25 15:58:04 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)

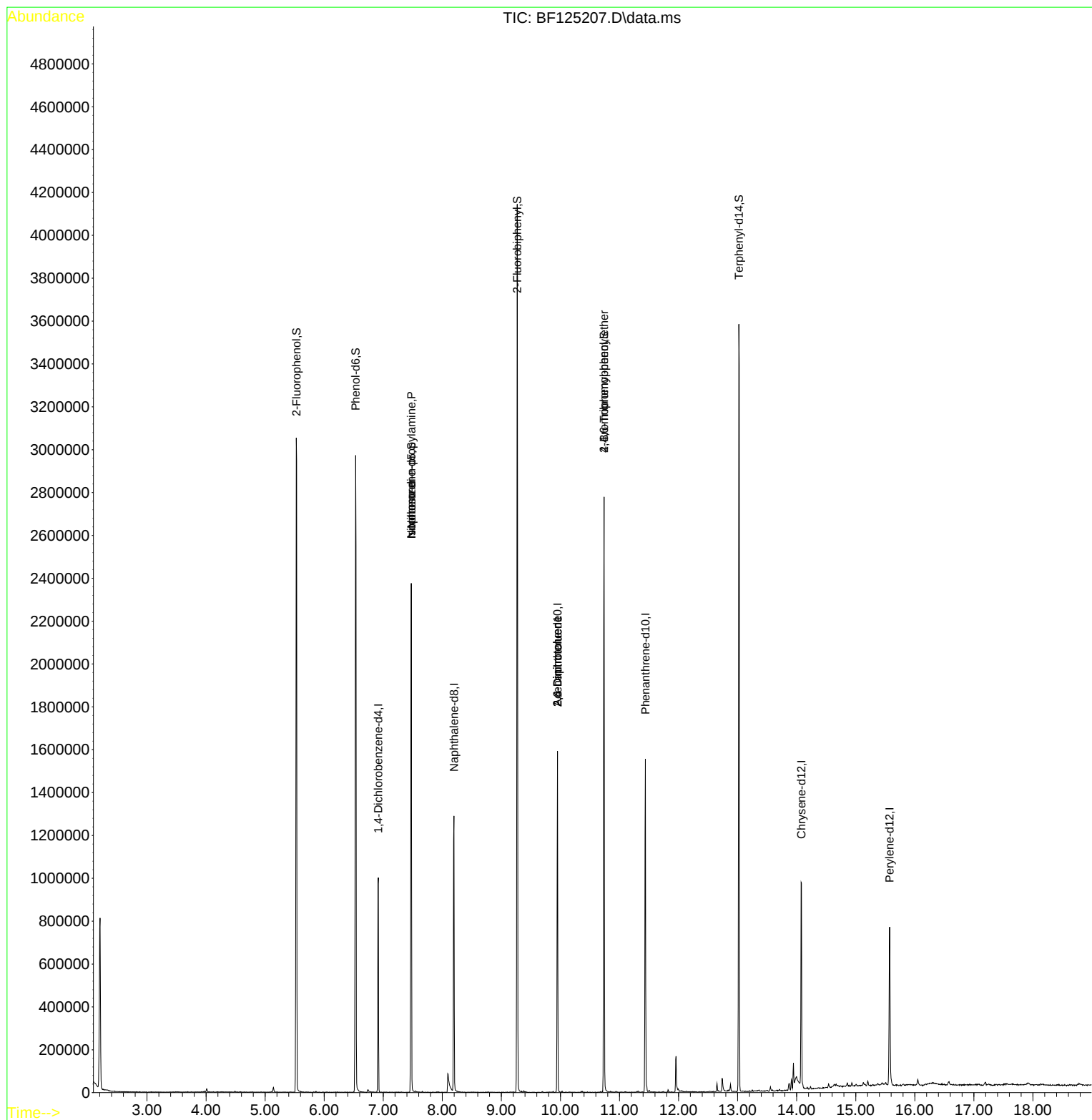
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	141781	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	560258	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	294453	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	540759	20.000	ng	0.00
76) Chrysene-d12	14.080	240	341543	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	323623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	791374	84.484	ng	0.00
7) Phenol-d6	6.534	99	1003036	82.795	ng	0.00
23) Nitrobenzene-d5	7.475	82	674758	60.633	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	326754	111.168	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1238582	58.626	ng	0.00
79) Terphenyl-d14	13.022	244	1332994	62.176	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	92936	12.754	ng	# 58
25) Isophorone	7.475	82	674748	31.430	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	37657	8.511	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	37657	7.032	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	20809	3.205	ng	# 1

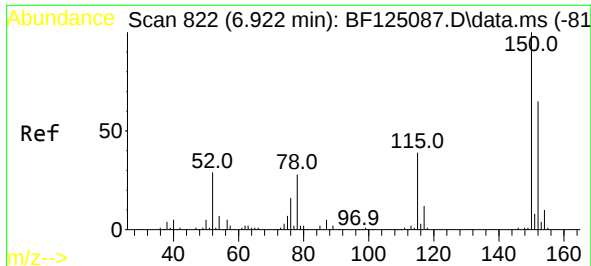
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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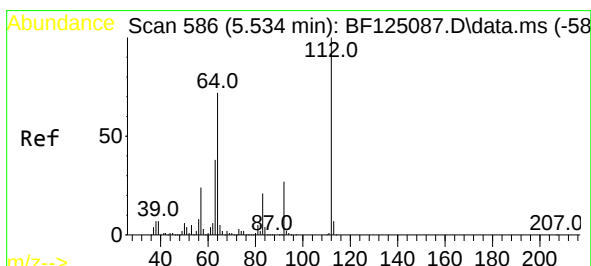
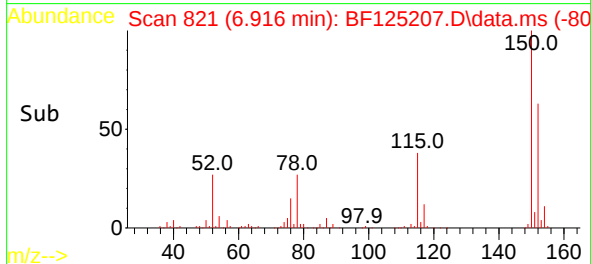
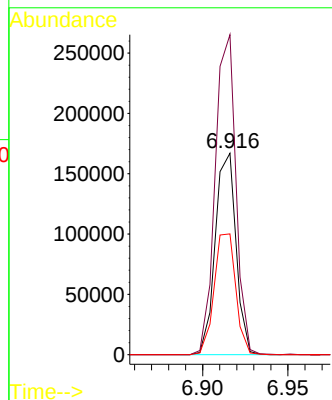
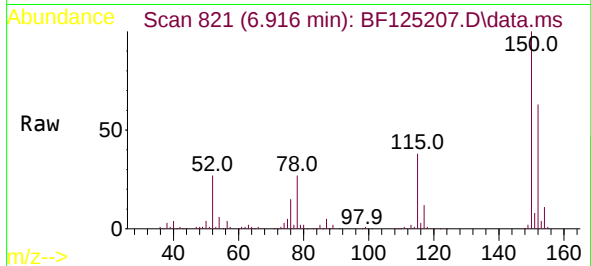




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

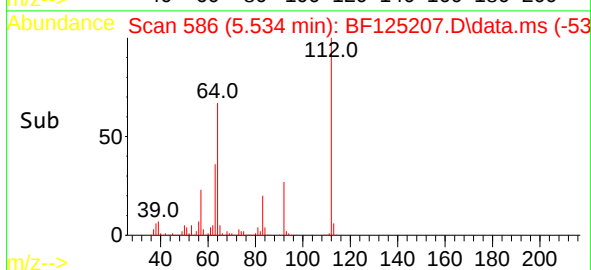
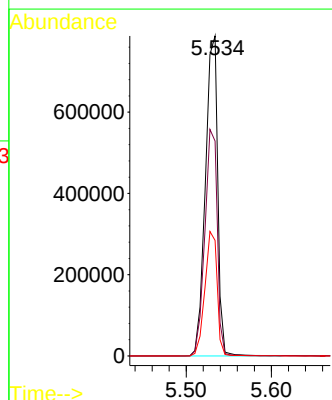
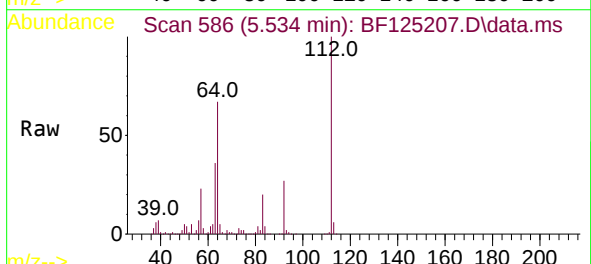
Instrument :
BNA_F
ClientSampleId :
PE-2

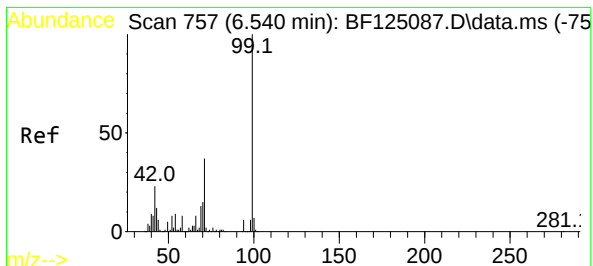
Tgt Ion:152 Resp: 141781
Ion Ratio Lower Upper
152 100
150 158.9 117.6 176.4
115 60.0 47.1 70.7



#5
2-Fluorophenol
Concen: 84.484 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

Tgt Ion:112 Resp: 791374
Ion Ratio Lower Upper
112 100
64 67.2 44.2 66.2#
63 36.1 26.2 39.2





#7

Phenol-d6

Concen: 82.795 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF125207.D

Acq: 25 Aug 2021 13:42

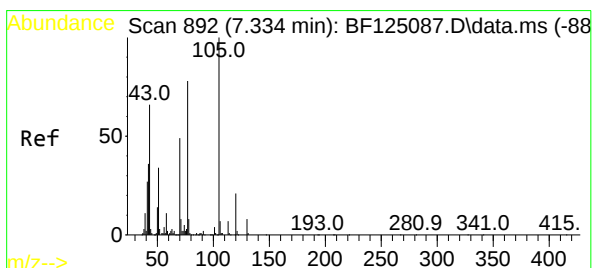
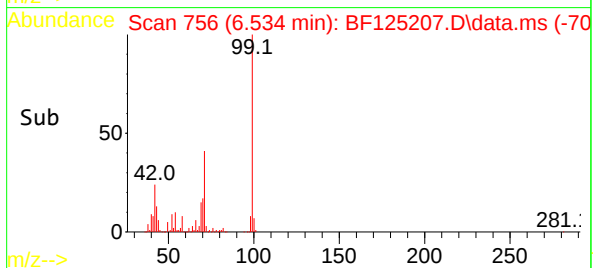
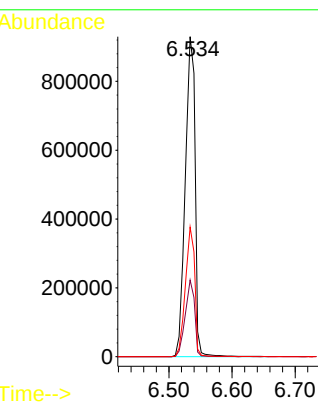
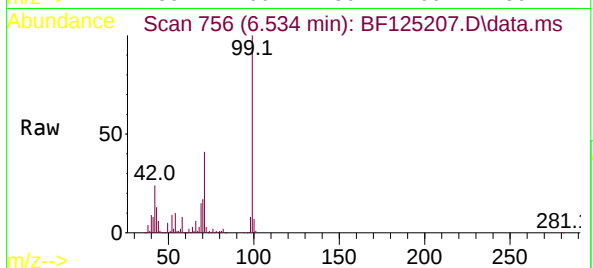
Tgt Ion: 99 Resp: 1003036

Ion Ratio Lower Upper

99 100

42 24.0 23.5 35.3

71 40.5 25.6 38.4#



#19

n-Nitroso-di-n-propylamine

Concen: 12.754 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.147 min

Lab File: BF125207.D

Acq: 25 Aug 2021 13:42

Tgt Ion: 70 Resp: 92936

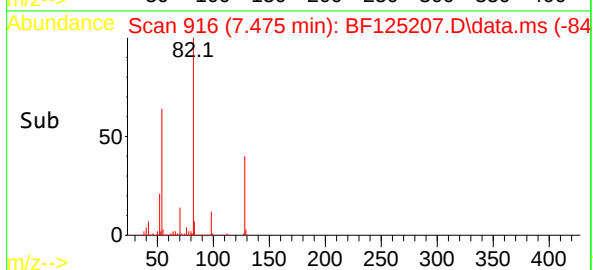
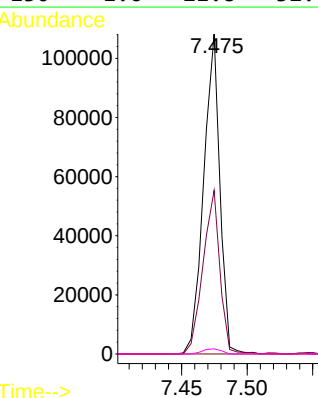
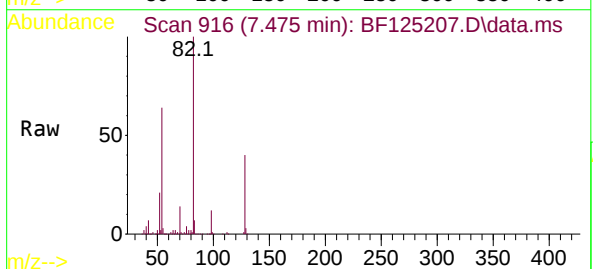
Ion Ratio Lower Upper

70 100

42 51.1 72.2 108.2#

101 0.0 7.8 11.8#

130 1.6 21.8 32.6#

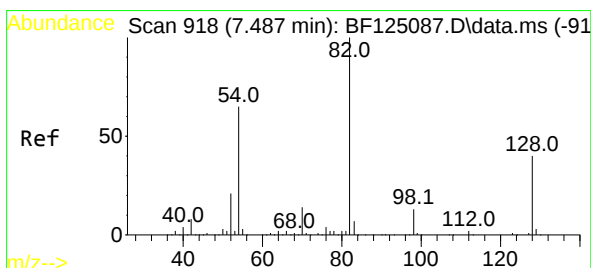
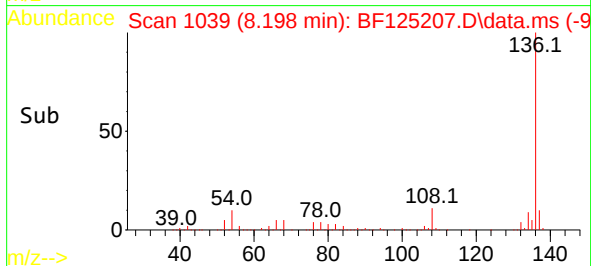
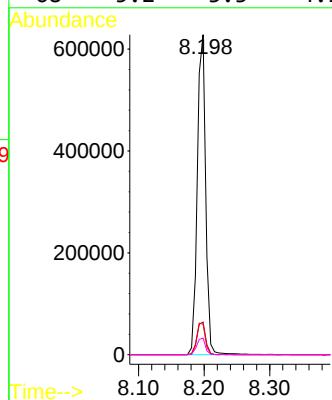
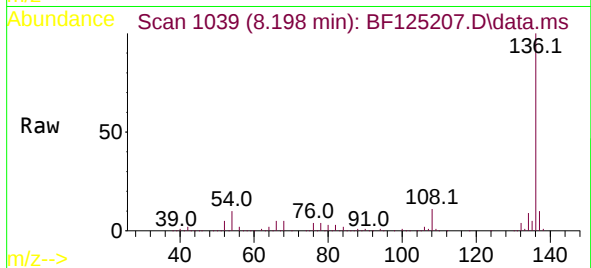




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

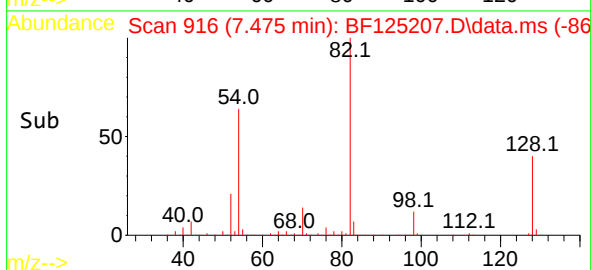
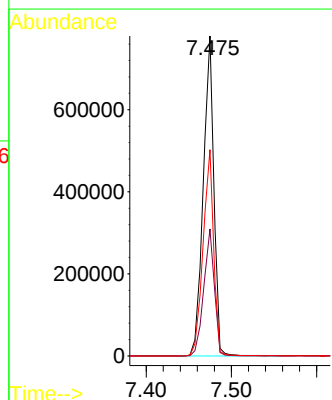
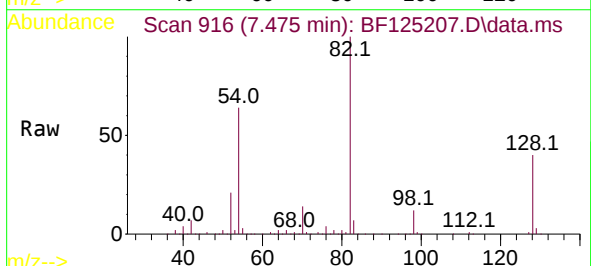
Instrument :
BNA_F
ClientSampleId :
PE-2

Tgt Ion:	136	Resp:	560258
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.8	14.6
54	9.6	6.4	9.6
68	5.2	3.3	4.9



#23
Nitrobenzene-d5
Concen: 60.633 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

Tgt Ion:	82	Resp:	674758
Ion	Ratio	Lower	Upper
82	100		
128	39.7	40.6	60.8
54	64.4	49.6	74.4

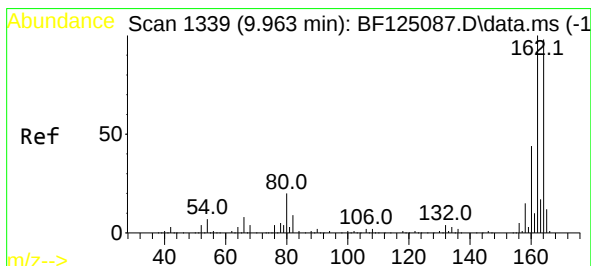
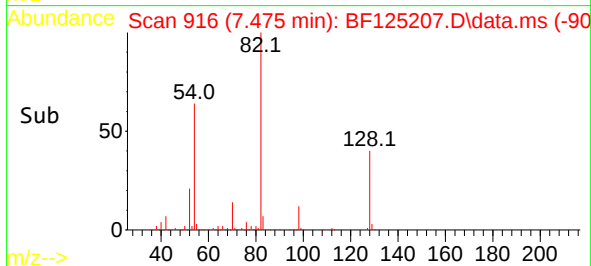
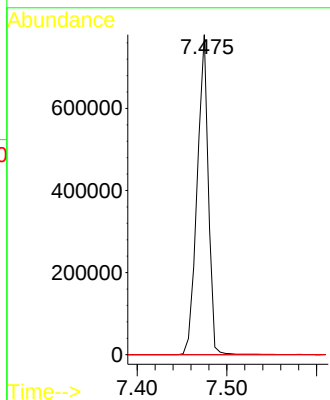
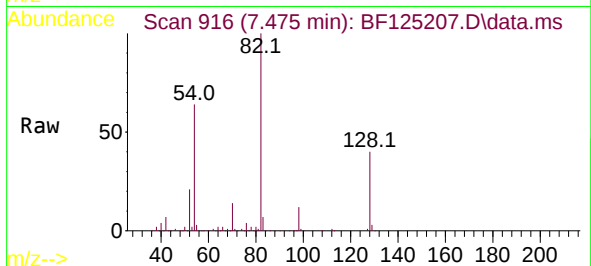




#25
Isophorone
Concen: 31.430 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

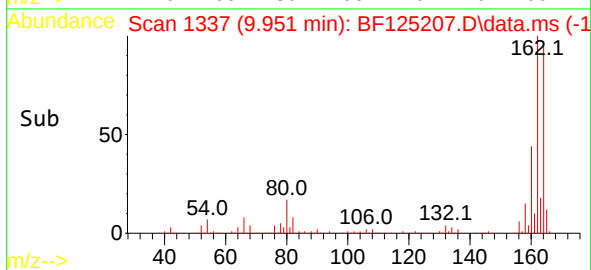
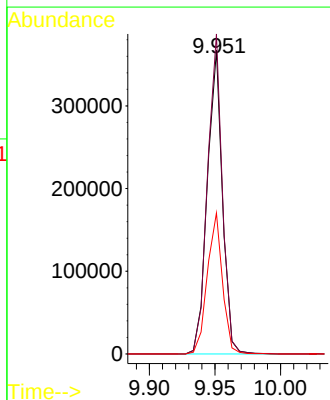
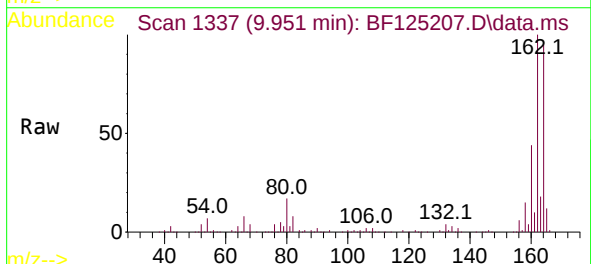
Instrument :
BNA_F
ClientSampleId :
PE-2

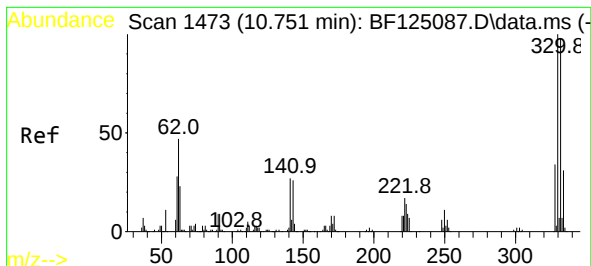
Tgt Ion: 82 Resp: 674748
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

Tgt Ion: 164 Resp: 294453
Ion Ratio Lower Upper
164 100
162 105.4 81.3 121.9
160 46.4 38.0 57.0

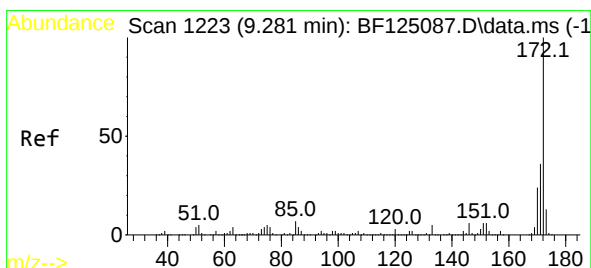
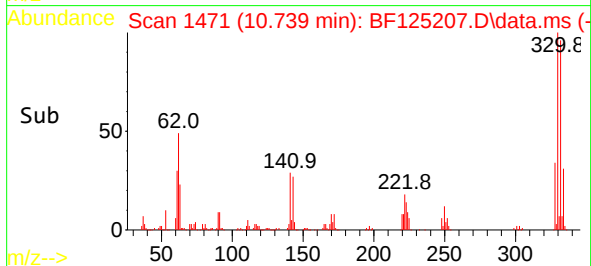
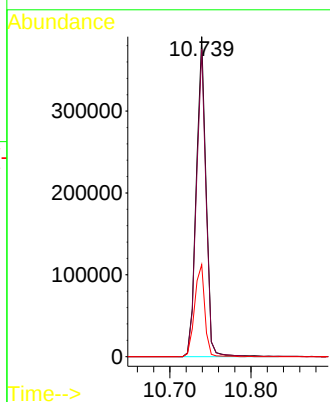
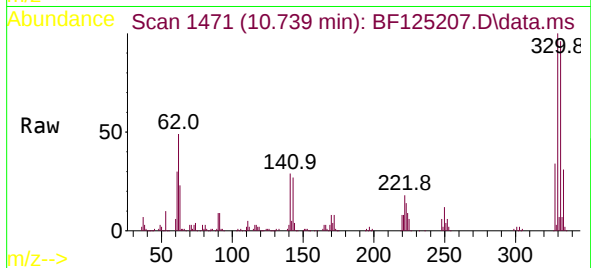




#42
2,4,6-Tribromophenol
Concen: 111.168 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

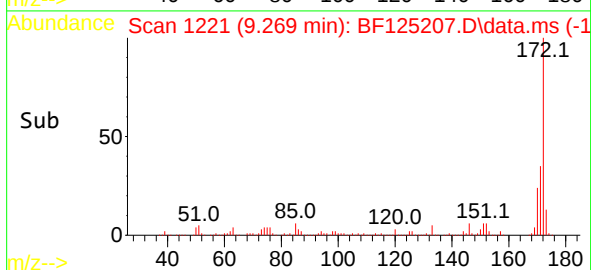
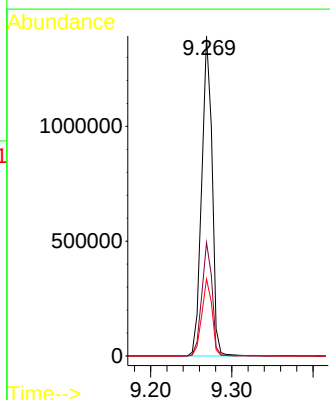
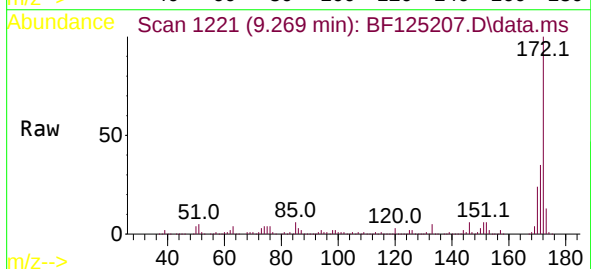
Instrument :
BNA_F
ClientSampleId :
PE-2

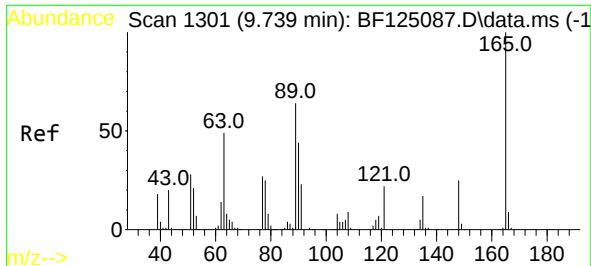
Tgt Ion:330 Resp: 326754
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 30.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 58.626 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

Tgt Ion:172 Resp: 1238582
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.1 18.8 28.2

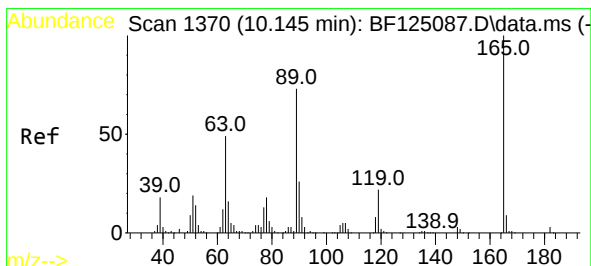
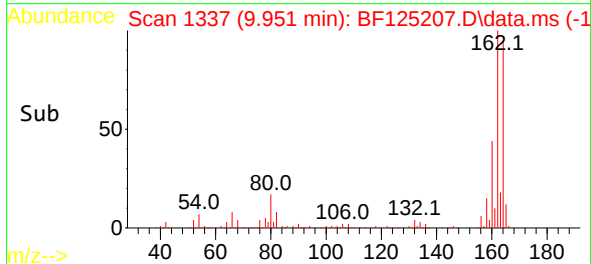
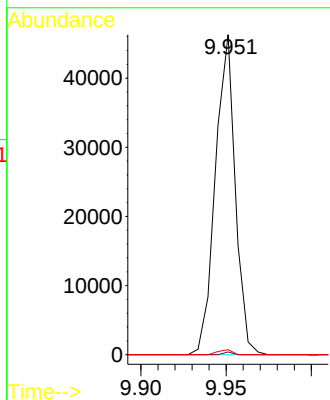
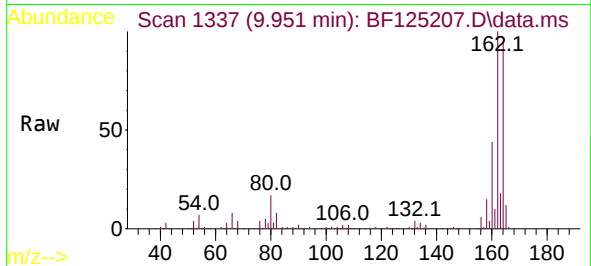




#51
2,6-Dinitrotoluene
Concen: 8.511 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

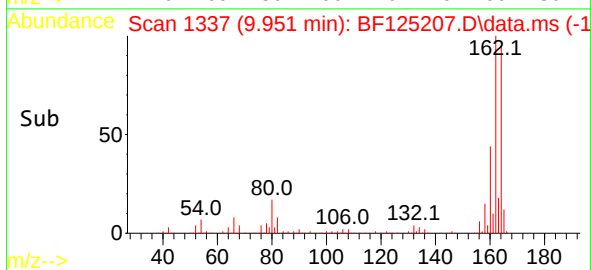
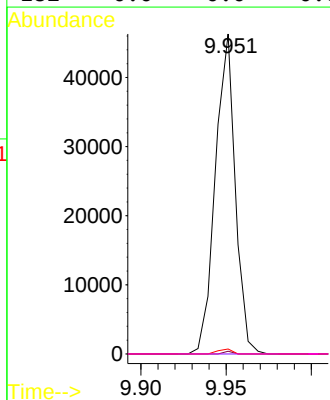
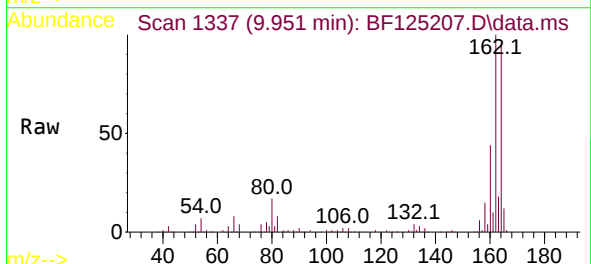
Instrument :
BNA_F
ClientSampleId :
PE-2

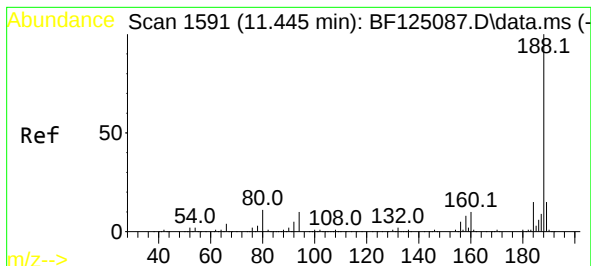
Tgt Ion:165 Resp: 37657
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.032 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

Tgt Ion:165 Resp: 37657
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

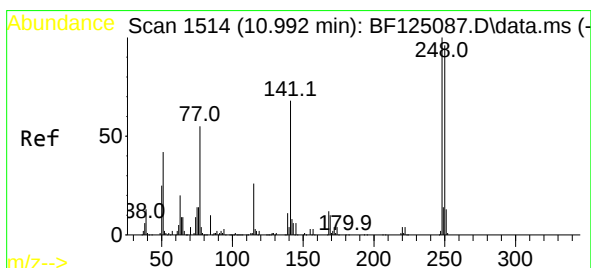
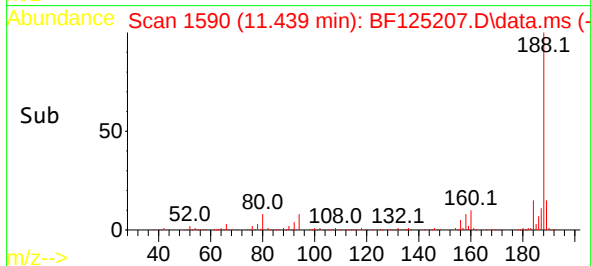
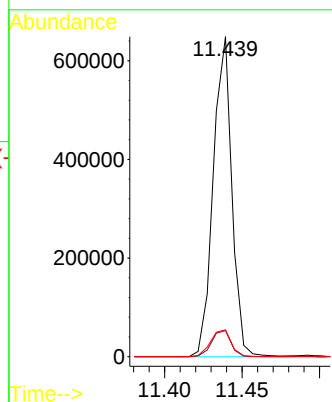
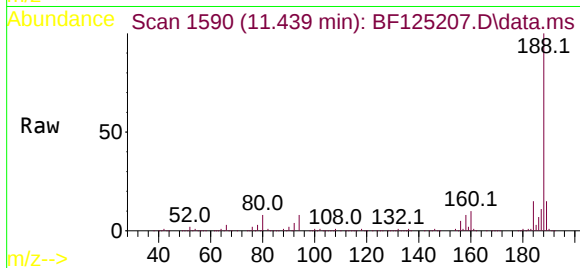




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

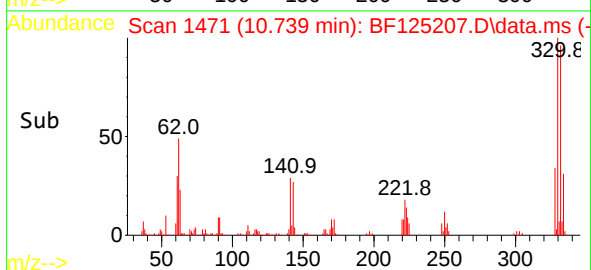
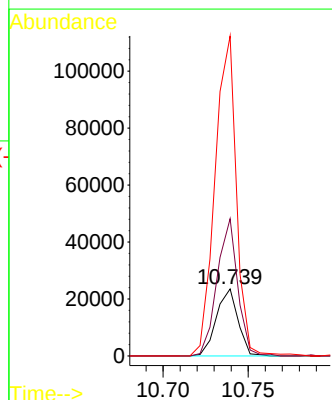
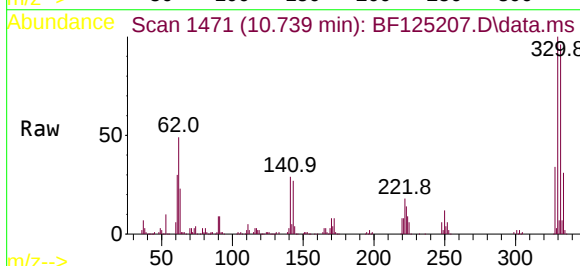
Instrument :
BNA_F
ClientSampleId :
PE-2

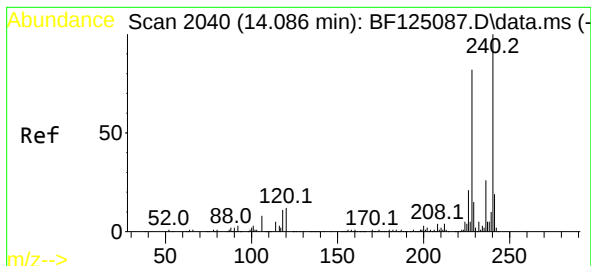
Tgt Ion:188 Resp: 540759
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.205 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

Tgt Ion:248 Resp: 20809
Ion Ratio Lower Upper
248 100
250 204.9 74.2 111.4#
141 477.6 60.4 90.6#

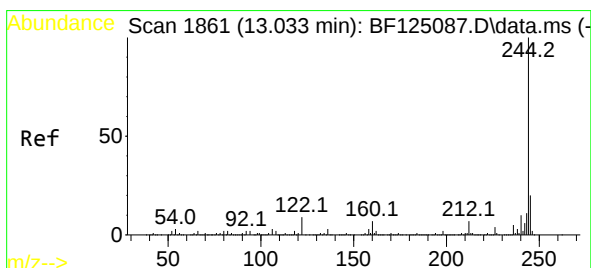
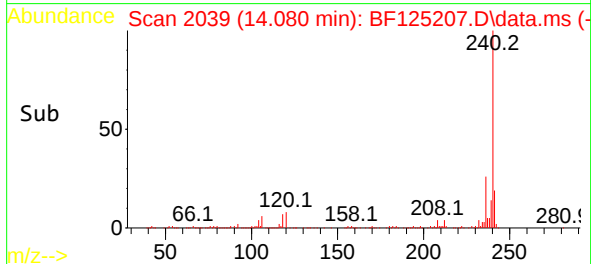
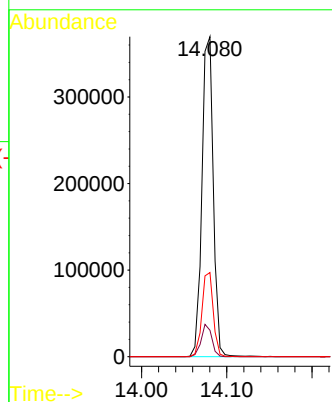
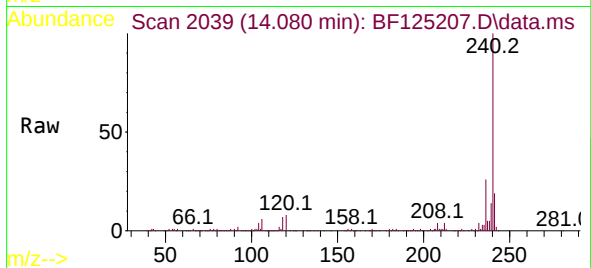




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

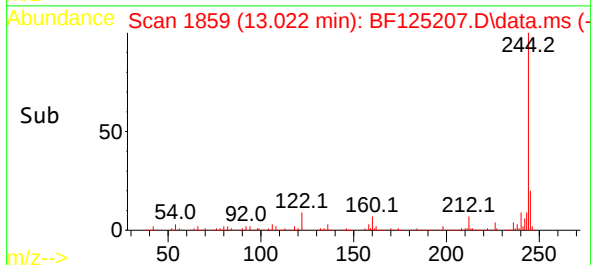
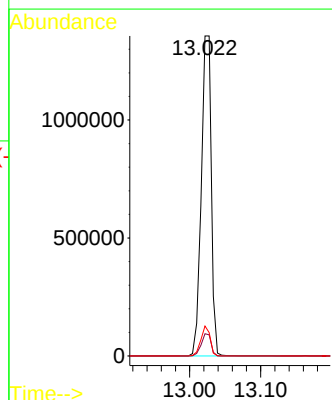
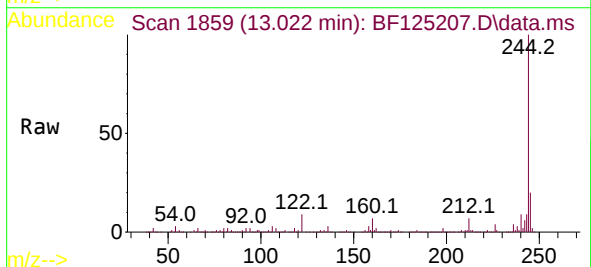
Instrument :
BNA_F
ClientSampleId :
PE-2

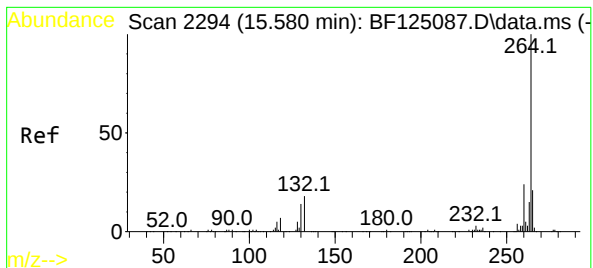
Tgt Ion:240 Resp: 341543
Ion Ratio Lower Upper
240 100
120 8.3 10.8 16.2#
236 26.3 21.6 32.4



#79
Terphenyl-d14
Concen: 62.176 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

Tgt Ion:244 Resp: 1332994
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.4 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: BF125207.D
 Acq: 25 Aug 2021 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tgt Ion:264 Resp: 323623
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 21.3 17.2 25.8

