

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
 Data File : BF125306.D
 Acq On : 1 Sep 2021 14:59
 Operator : JU/CG
 Sample : M3561-19RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-082621

Quant Time: Sep 02 08:15:32 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)

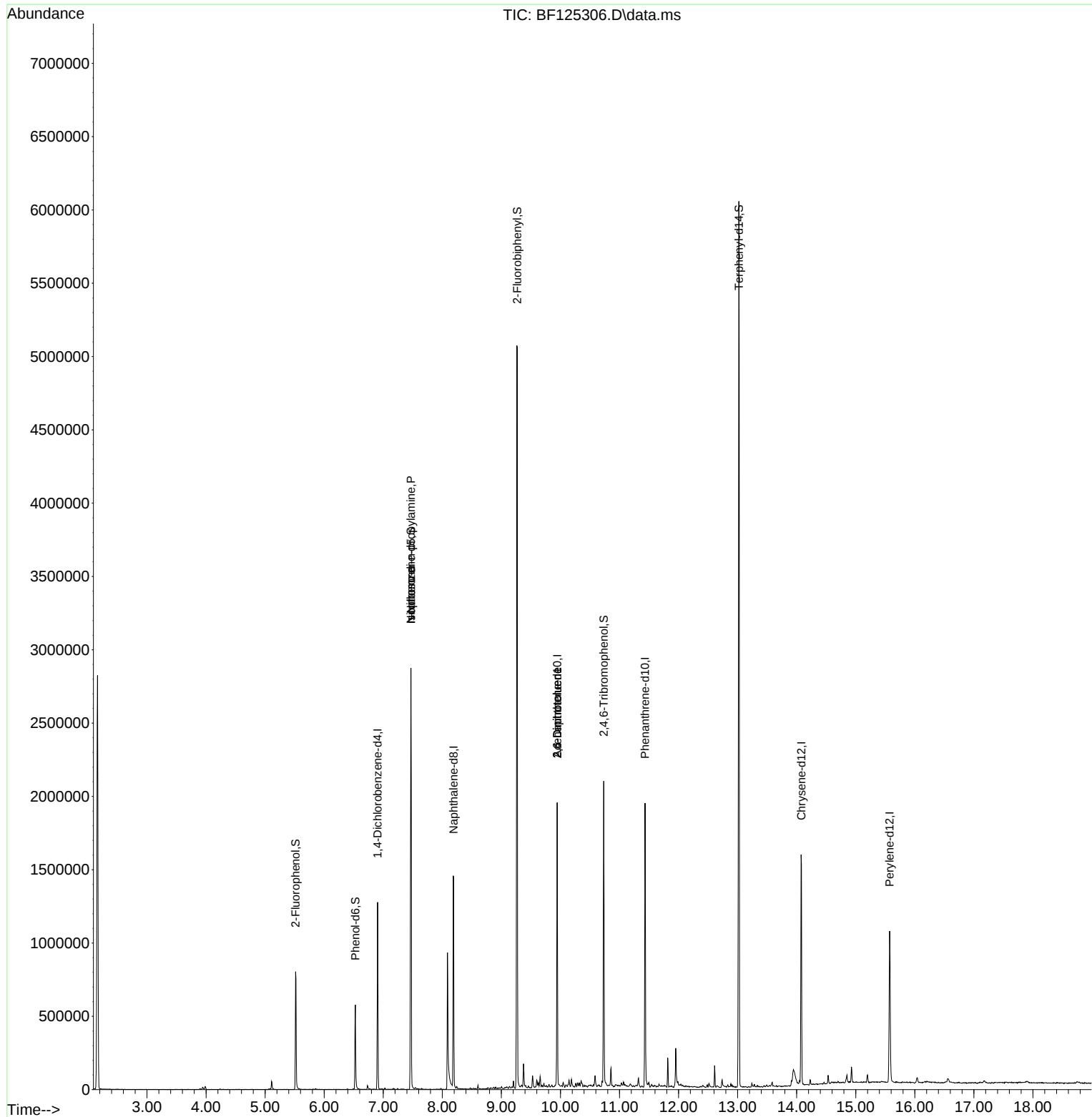
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	163330	20.000	ng	-0.01
21) Naphthalene-d8	8.192	136	640519	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	354699	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	684401	20.000	ng	0.00
76) Chrysene-d12	14.080	240	591799	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	488864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	216845	20.095	ng	-0.01
7) Phenol-d6	6.528	99	183218	13.128	ng	-0.01
23) Nitrobenzene-d5	7.469	82	935265	73.511	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	242705	68.548	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1694671	66.589	ng	0.00
79) Terphenyl-d14	13.021	244	2289955	61.644	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	125652	14.969	ng	# 57
25) Isophorone	7.469	82	935255	38.105	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	46094	8.648	ng	# 28
57) 2,4-Dinitrotoluene	9.945	165	46094	7.146	ng	# 20

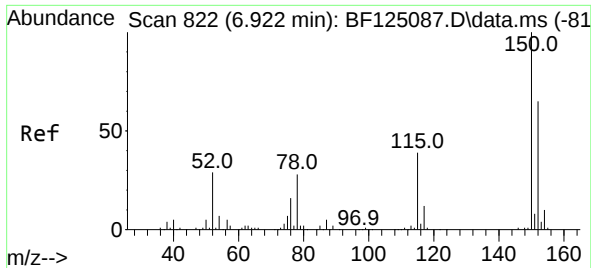
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 24 12:39:21 2021
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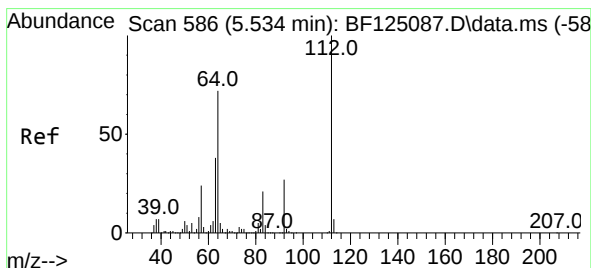
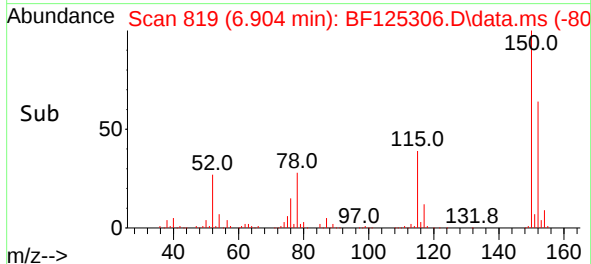
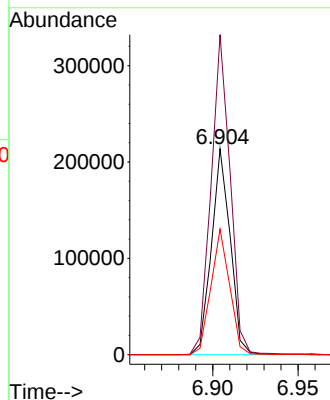
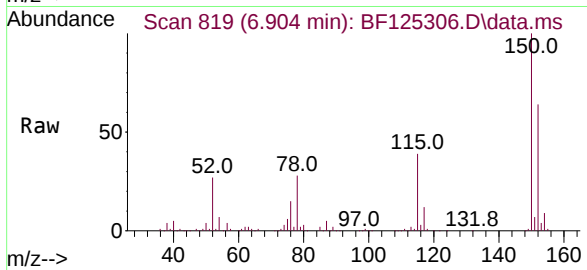




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125306.D
Acq: 1 Sep 2021 14:59

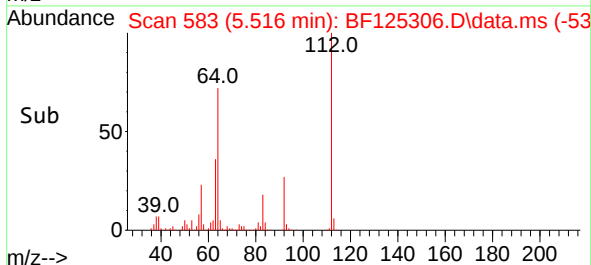
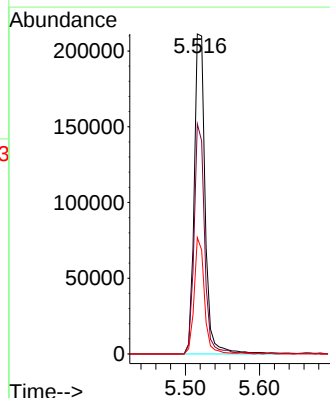
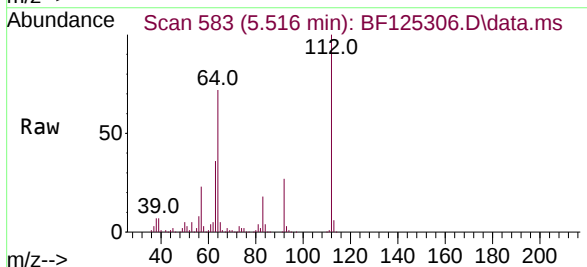
Instrument :
BNA_F
ClientSampleID :
EB-082621

Tgt Ion:152 Resp: 163330
Ion Ratio Lower Upper
152 100
150 155.4 117.6 176.4
115 61.0 47.1 70.7



#5
2-Fluorophenol
Concen: 20.095 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.012 min
Lab File: BF125306.D
Acq: 1 Sep 2021 14:59

Tgt Ion:112 Resp: 216845
Ion Ratio Lower Upper
112 100
64 71.9 44.2 66.2#
63 36.3 26.2 39.2

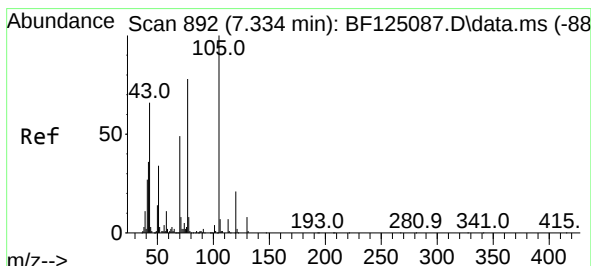
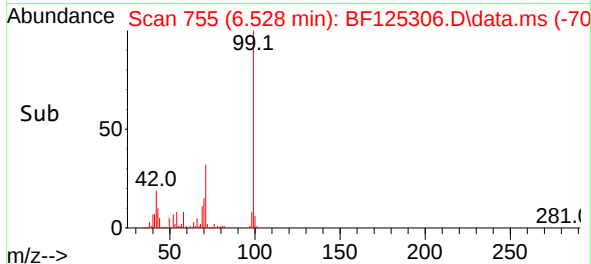
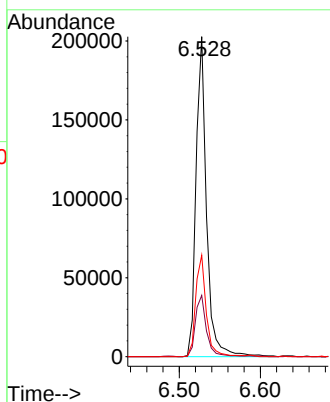
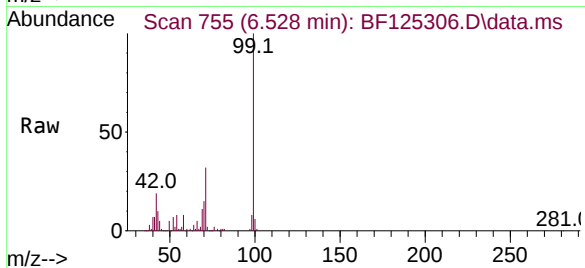




#7
Phenol-d6
Concen: 13.128 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125306.D
Acq: 1 Sep 2021 14:59

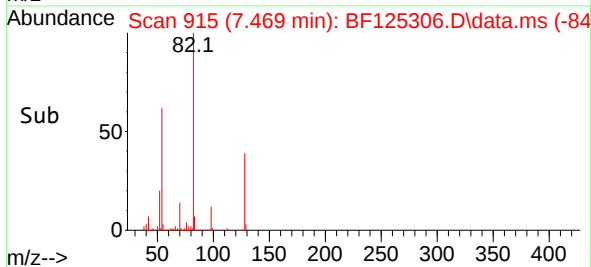
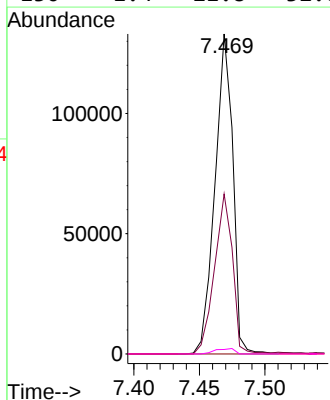
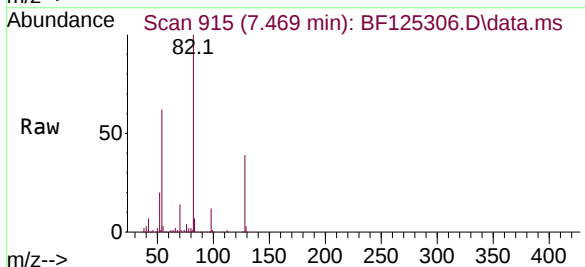
Instrument :
BNA_F
ClientSampleID :
EB-082621

Tgt Ion: 99 Resp: 183218
Ion Ratio Lower Upper
99 100
42 19.2 23.5 35.3#
71 31.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.969 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125306.D
Acq: 1 Sep 2021 14:59

Tgt Ion: 70 Resp: 125652
Ion Ratio Lower Upper
70 100
42 50.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.4 21.8 32.6#

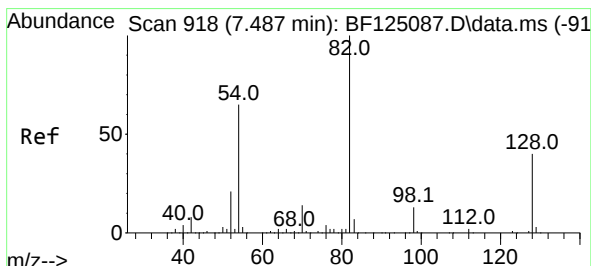
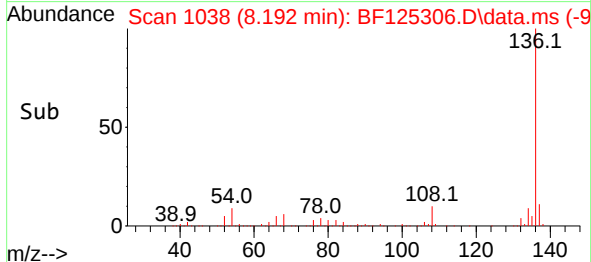
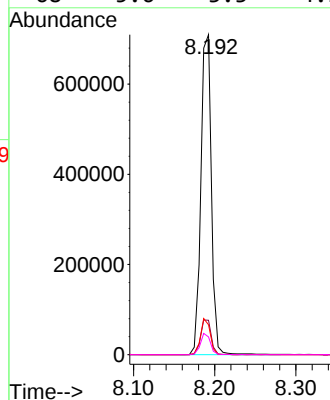
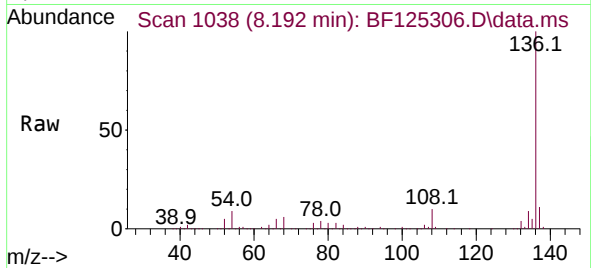




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125306.D
Acq: 1 Sep 2021 14:59

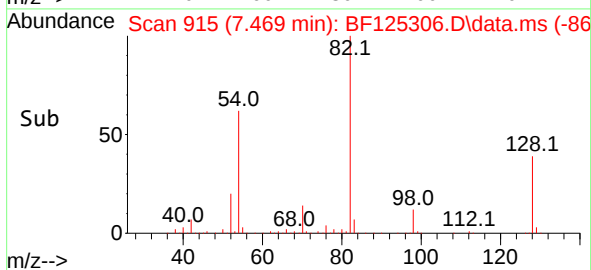
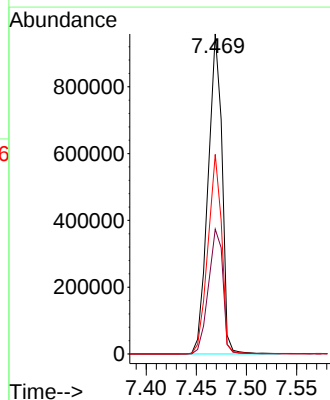
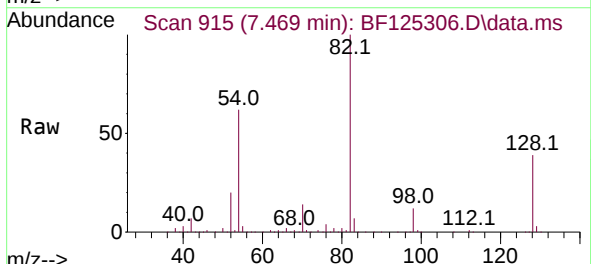
Instrument :
BNA_F
ClientSampled :
EB-082621

Tgt Ion:136	Resp: 640519
Ion Ratio	Lower Upper
136 100	
137 10.8	9.8 14.6
54 9.3	6.4 9.6
68 5.6	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 73.511 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125306.D
Acq: 1 Sep 2021 14:59

Tgt Ion: 82	Resp: 935265
Ion Ratio	Lower Upper
82 100	
128 39.0	40.6 60.8#
54 62.4	49.6 74.4

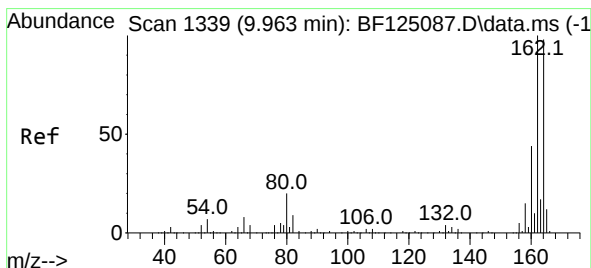
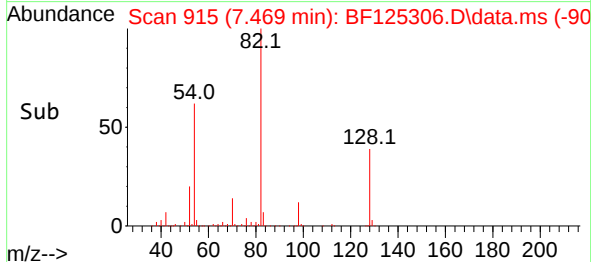
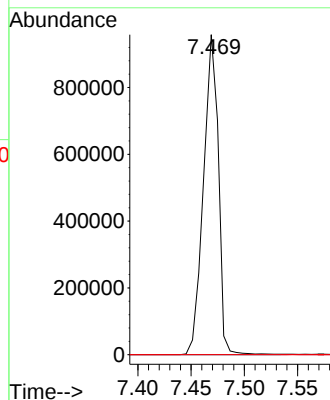
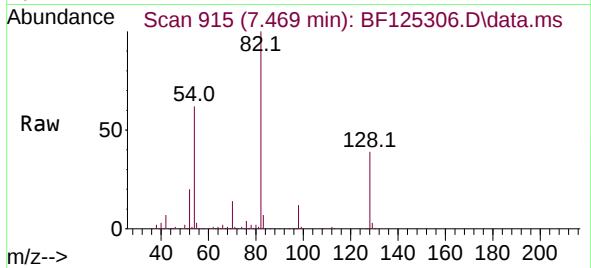




#25
Isophorone
Concen: 38.105 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125306.D
Acq: 1 Sep 2021 14:59

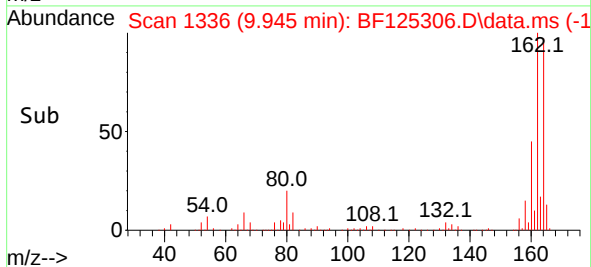
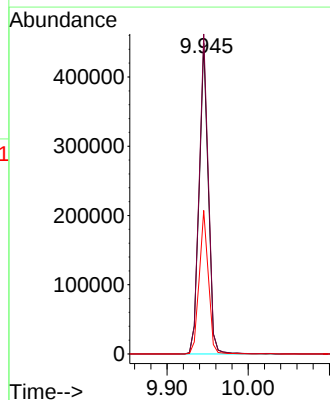
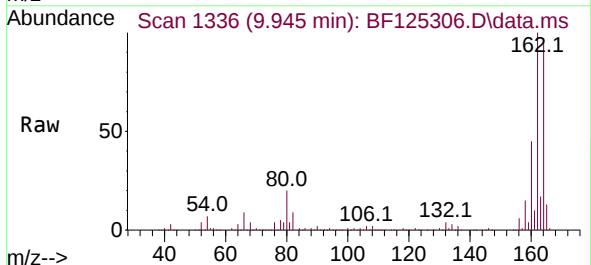
Instrument :
BNA_F
ClientSampleId :
EB-082621

Tgt Ion: 82 Resp: 935255
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: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125306.D
Acq: 1 Sep 2021 14:59

Tgt Ion:164 Resp: 354699
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 46.2 38.0 57.0

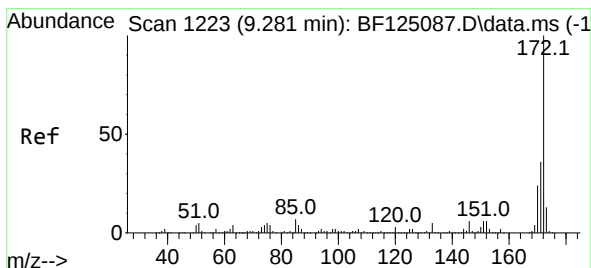
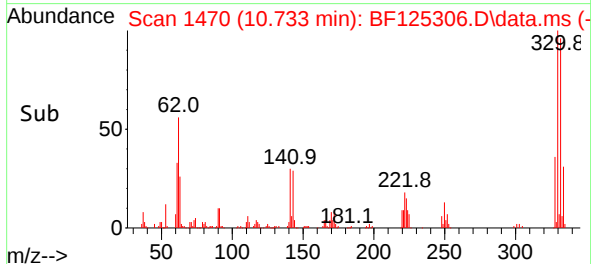
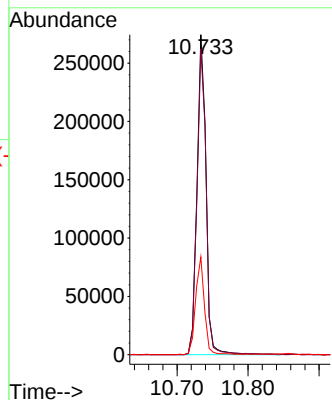
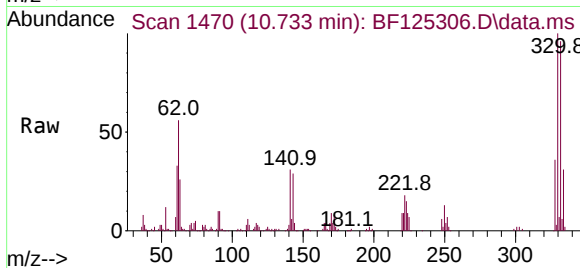




#42
2,4,6-Tribromophenol
Concen: 68.548 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF125306.D
Acq: 1 Sep 2021 14:59

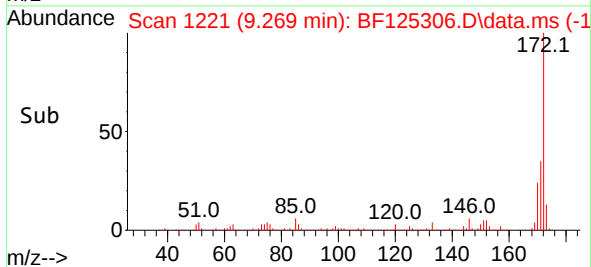
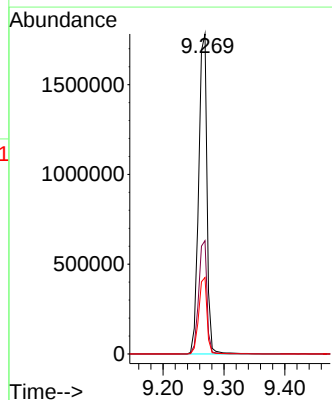
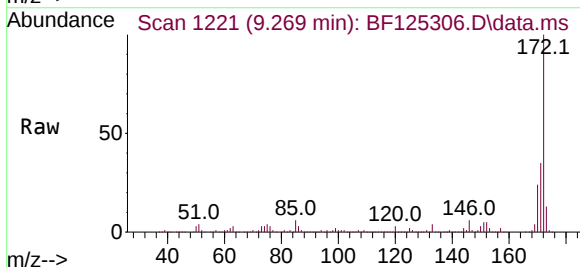
Instrument :
BNA_F
ClientSampled :
EB-082621

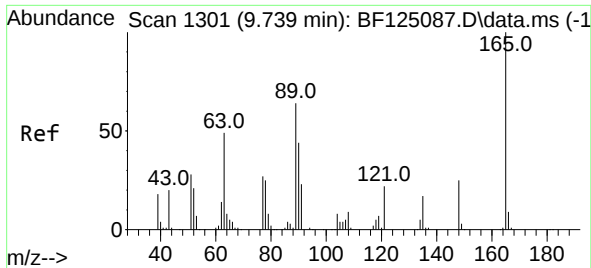
Tgt Ion:330 Resp: 242705
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 30.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 66.589 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125306.D
Acq: 1 Sep 2021 14:59

Tgt Ion:172 Resp: 1694671
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.9 18.8 28.2

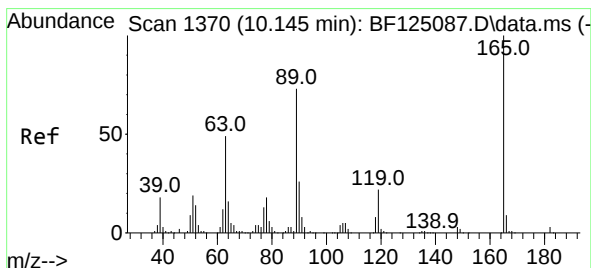
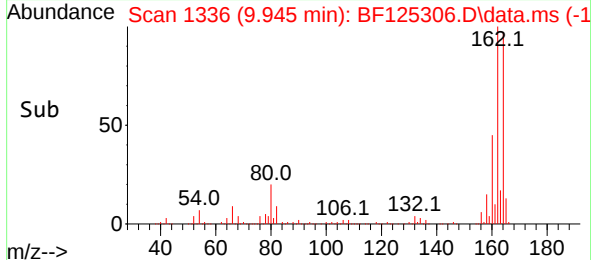
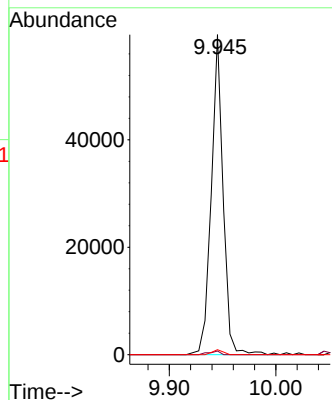
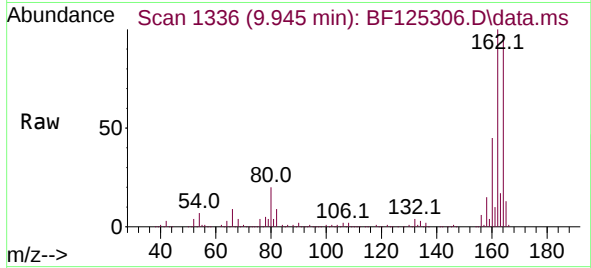




#51
2,6-Dinitrotoluene
Concen: 8.648 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125306.D
Acq: 1 Sep 2021 14:59

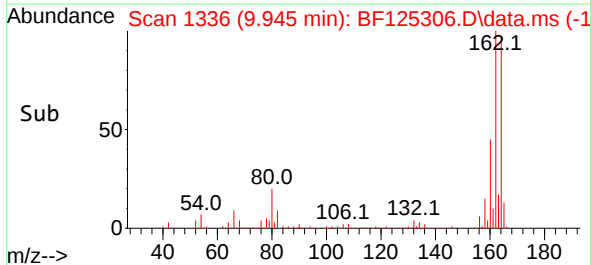
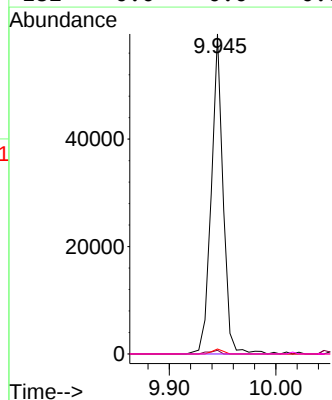
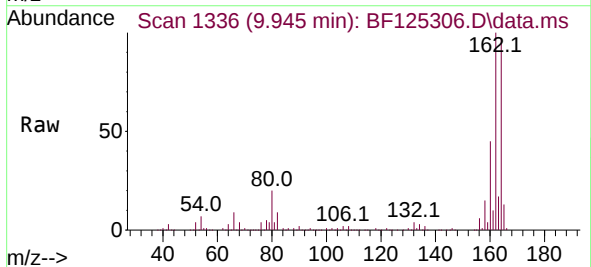
Instrument :
BNA_F
ClientSampled :
EB-082621

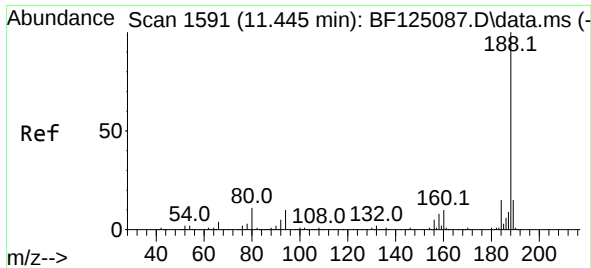
Tgt Ion:165 Resp: 46094
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.146 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125306.D
Acq: 1 Sep 2021 14:59

Tgt Ion:165 Resp: 46094
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

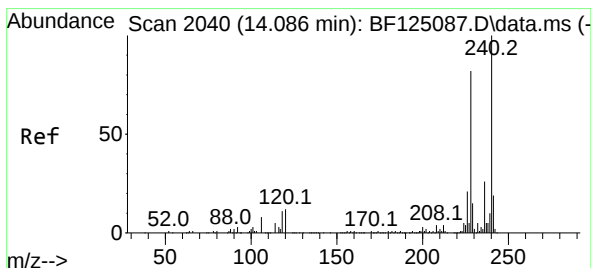
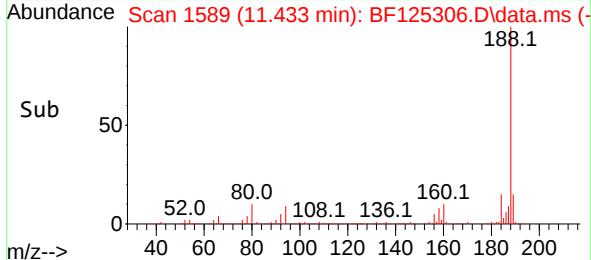
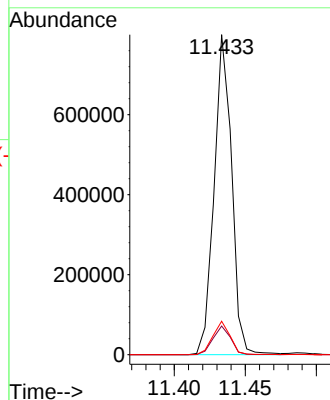
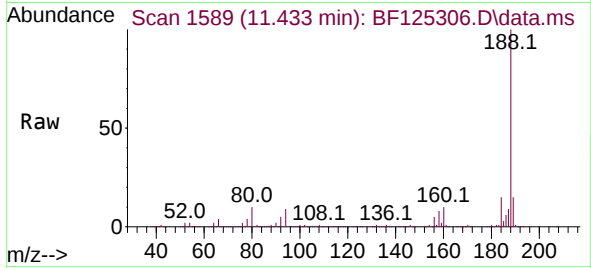




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125306.D
Acq: 1 Sep 2021 14:59

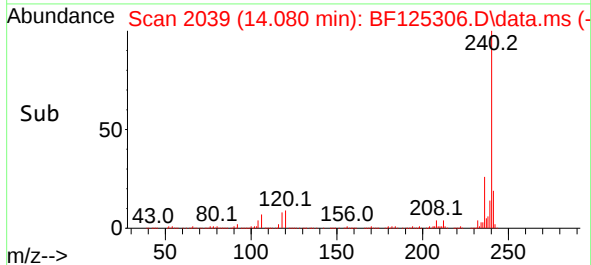
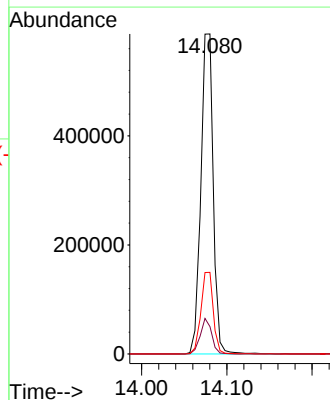
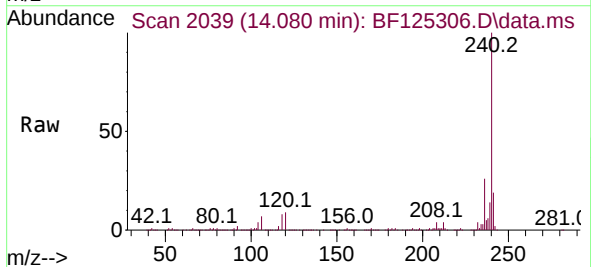
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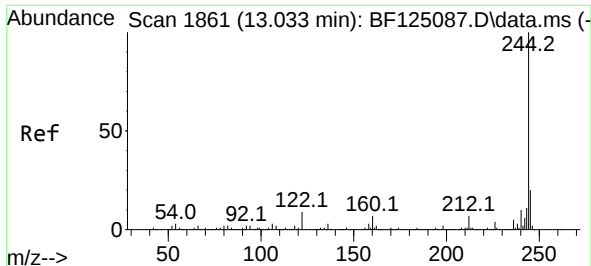
Tgt Ion:188 Resp: 684401
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 10.5 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125306.D
Acq: 1 Sep 2021 14:59

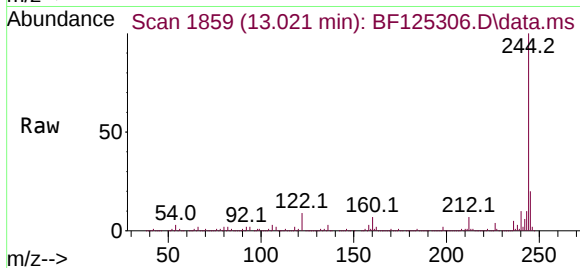
Tgt Ion:240 Resp: 591799
Ion Ratio Lower Upper
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120 8.6 10.8 16.2#
236 25.5 21.6 32.4



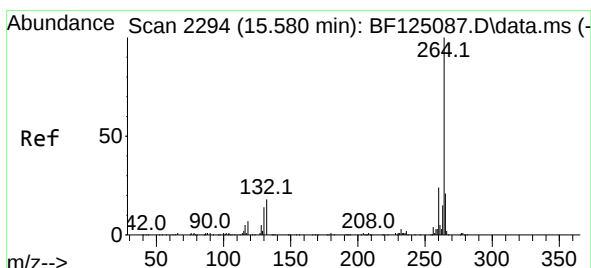
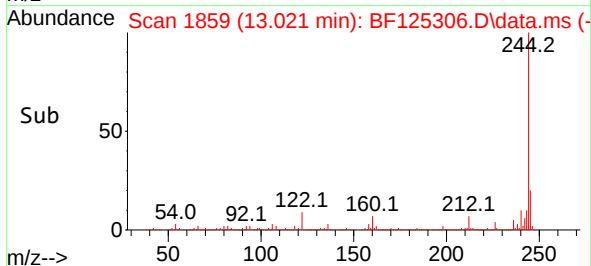
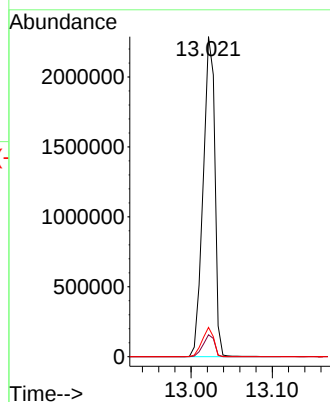


#79
 Terphenyl-d14
 Concen: 61.644 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: BF125306.D
 Acq: 1 Sep 2021 14:59

Instrument :
 BNA_F
 ClientSampleId :
 EB-082621



Tgt Ion:244 Resp: 2289955
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.2 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: BF125306.D
 Acq: 1 Sep 2021 14:59

Tgt Ion:264 Resp: 488864
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 21.5 17.2 25.8

