

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
 Data File : BF125139.D
 Acq On : 20 Aug 2021 17:30
 Operator : JU/CG
 Sample : M3475-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N5868-N34145

Quant Time: Aug 20 18:33:44 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)

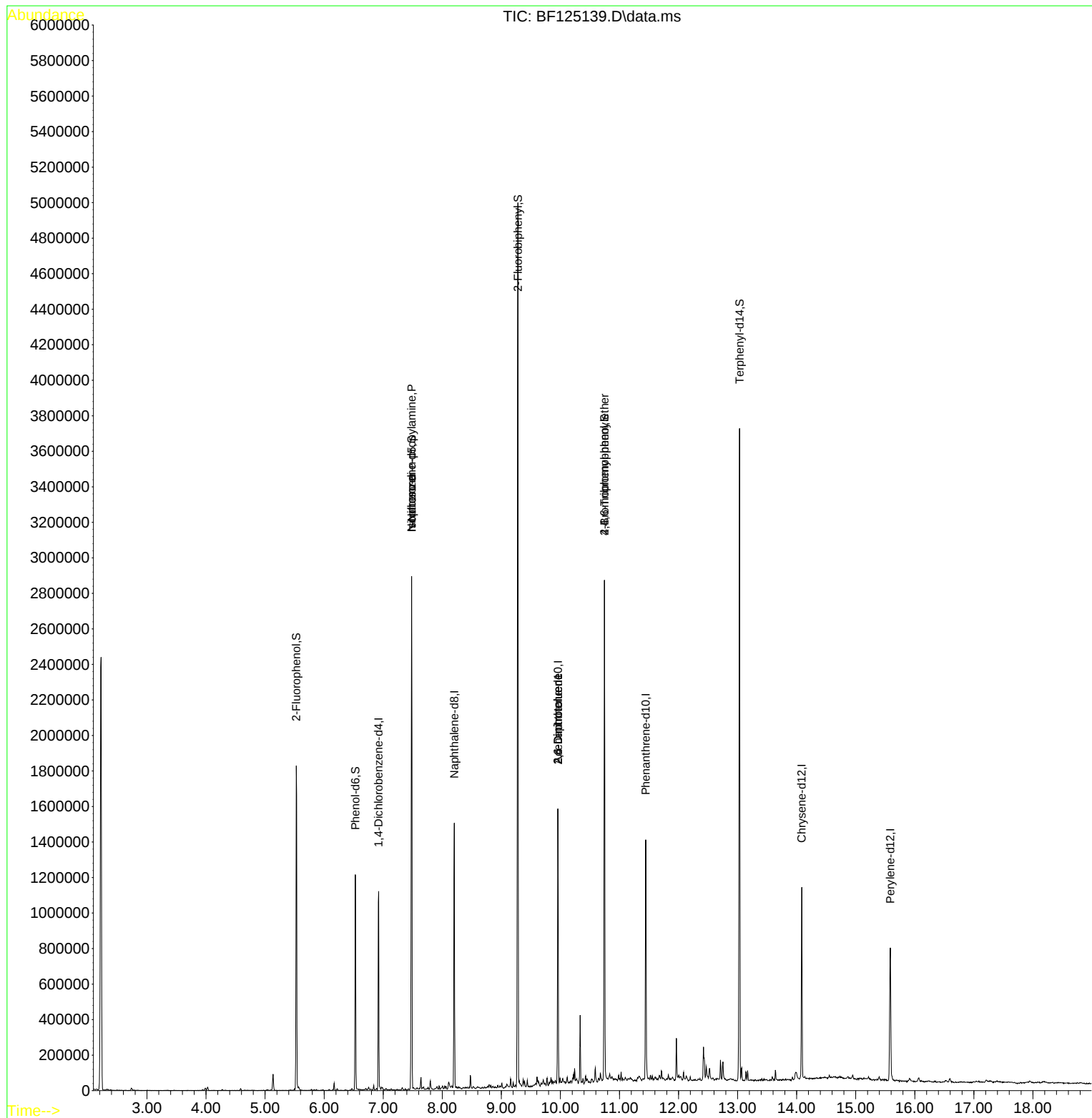
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	158981	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	596875	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	295143	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	445581	20.000	ng	0.00
76) Chrysene-d12	14.086	240	350062	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	355561	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	453372	43.164	ng	0.00
7) Phenol-d6	6.528	99	328494	24.182	ng	-0.01
23) Nitrobenzene-d5	7.481	82	894903	75.481	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	318904	108.243	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1494523	70.575	ng	0.00
79) Terphenyl-d14	13.033	244	1257348	57.220	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	121783	14.905	ng	# 60
25) Isophorone	7.481	82	890532	38.936	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	39093	8.815	ng	# 29
57) 2,4-Dinitrotoluene	9.957	165	39093	7.283	ng	# 21
67) 4-Bromophenyl-phenylether	10.745	248	20055	3.748	ng	# 1

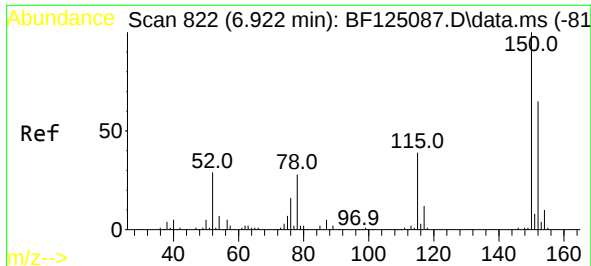
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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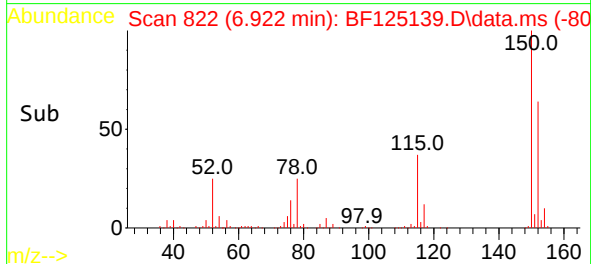
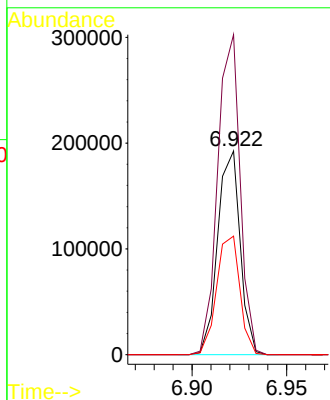
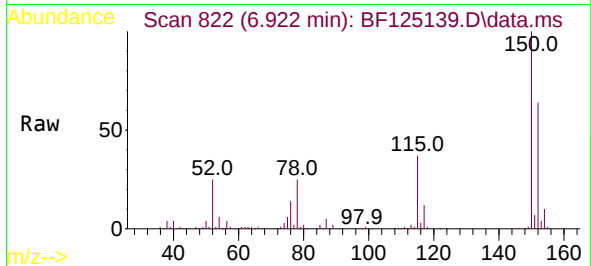




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

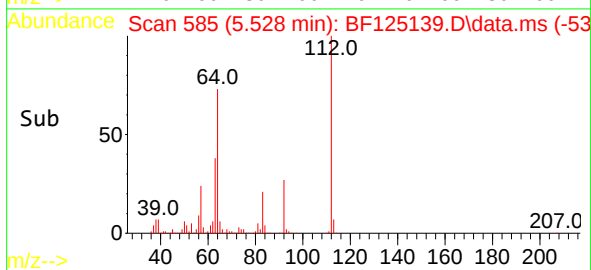
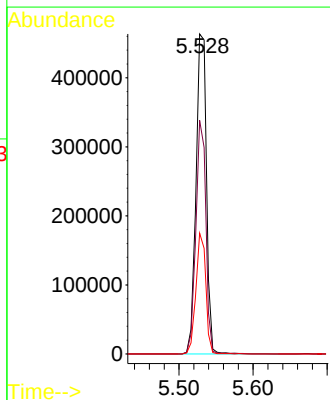
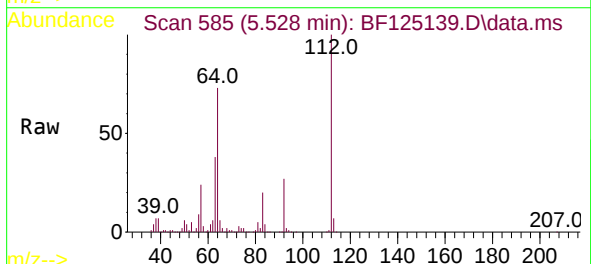
Instrument :
BNA_F
ClientSampleId :
N5868-N34145

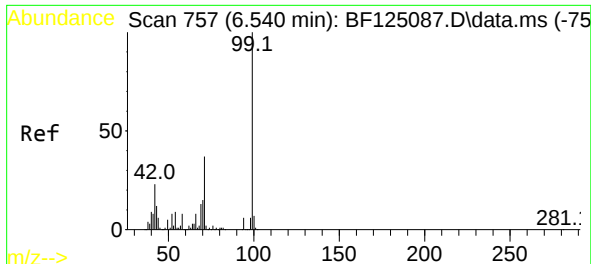
Tgt Ion:152 Resp: 158981
Ion Ratio Lower Upper
152 100
150 157.0 117.6 176.4
115 58.2 47.1 70.7



#5
2-Fluorophenol
Concen: 43.164 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.006 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

Tgt Ion:112 Resp: 453372
Ion Ratio Lower Upper
112 100
64 73.0 44.2 66.2#
63 37.8 26.2 39.2

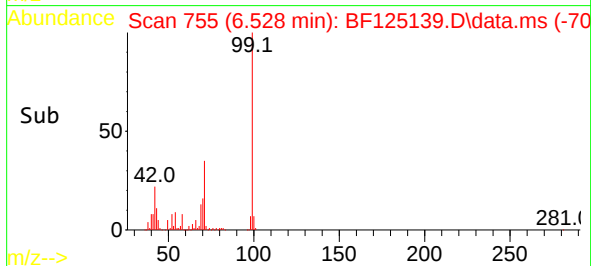
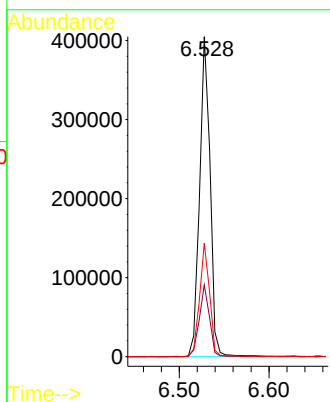
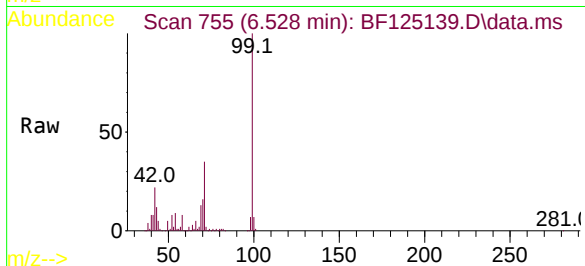




#7
Phenol-d6
Concen: 24.182 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

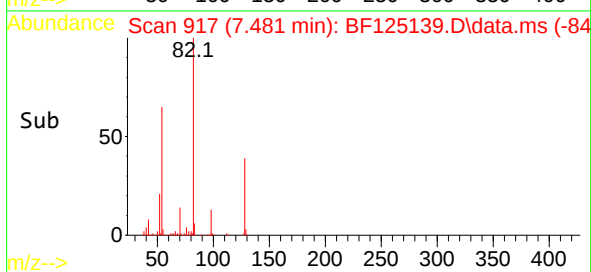
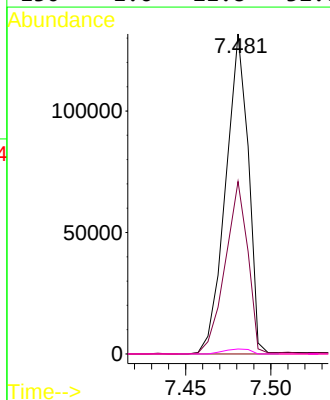
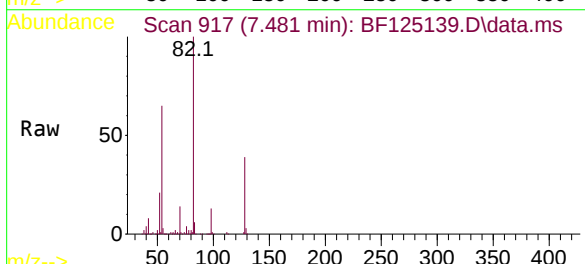
Instrument :
BNA_F
ClientSampleId :
N5868-N34145

Tgt Ion: 99 Resp: 328494
Ion Ratio Lower Upper
99 100
42 22.4 23.5 35.3#
71 35.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.905 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

Tgt Ion: 70 Resp: 121783
Ion Ratio Lower Upper
70 100
42 53.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

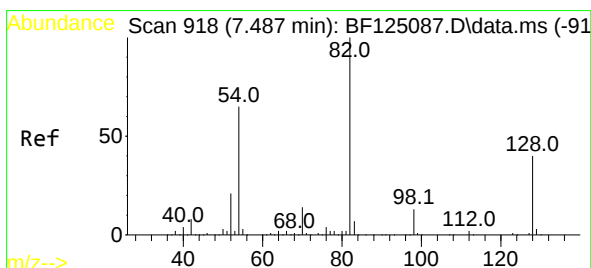
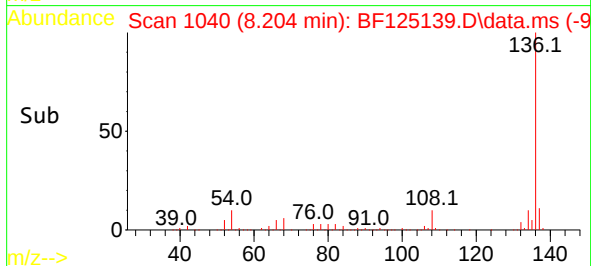
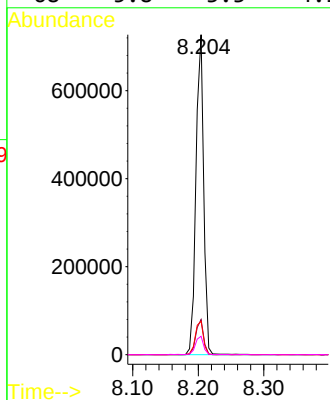
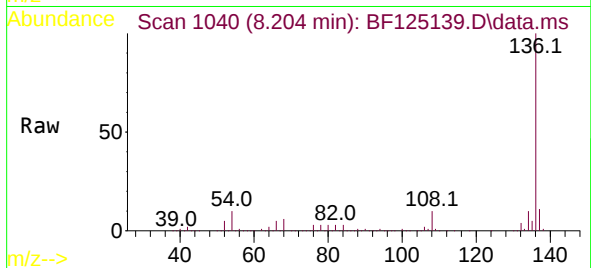




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

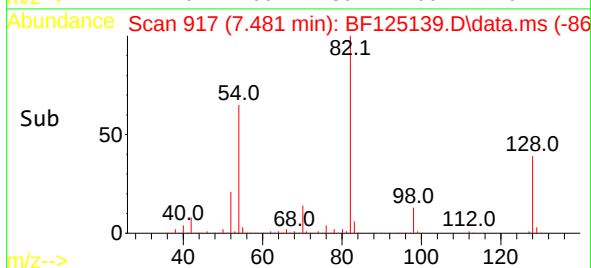
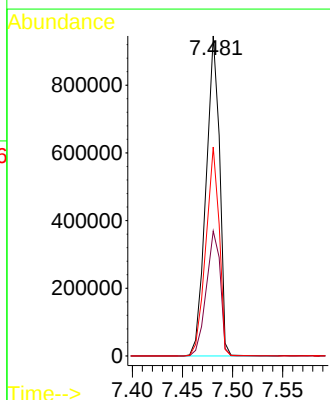
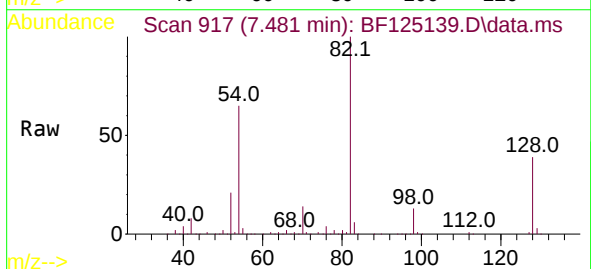
Instrument :
BNA_F
ClientSampleId :
N5868-N34145

Tgt Ion:	136	Resp:	596875
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	10.4	6.4	9.6#
68	5.8	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 75.481 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

Tgt Ion:	82	Resp:	894903
Ion	Ratio	Lower	Upper
82	100		
128	39.0	40.6	60.8#
54	65.3	49.6	74.4

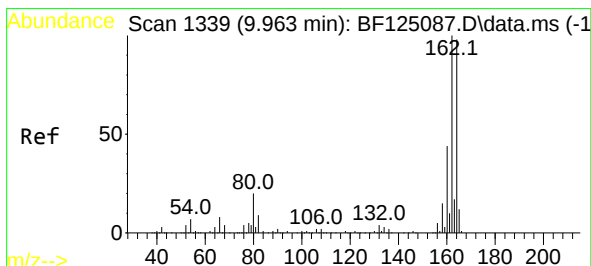
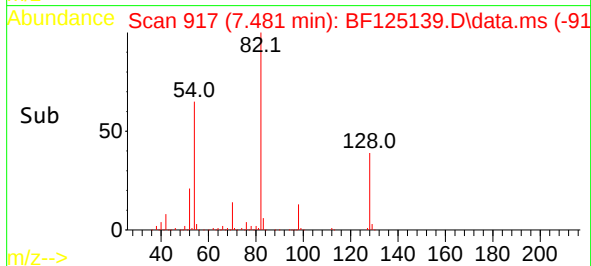
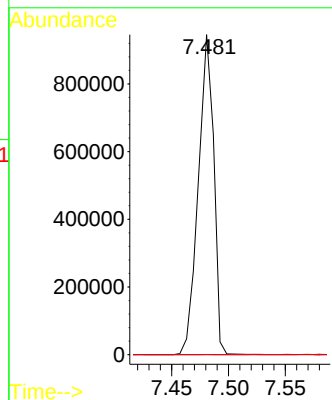
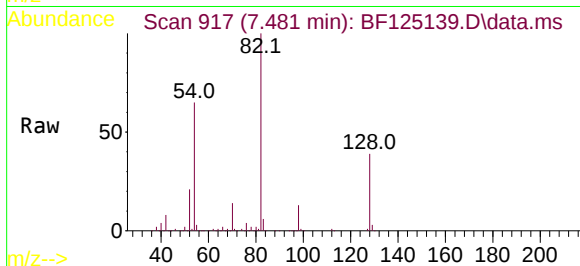




#25
Isophorone
Concen: 38.936 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

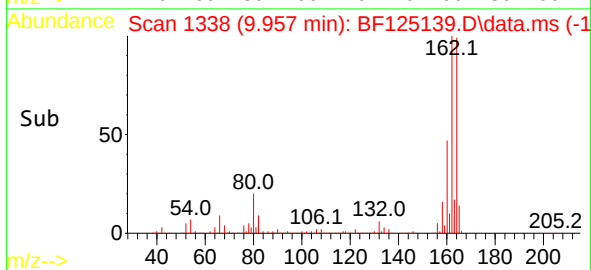
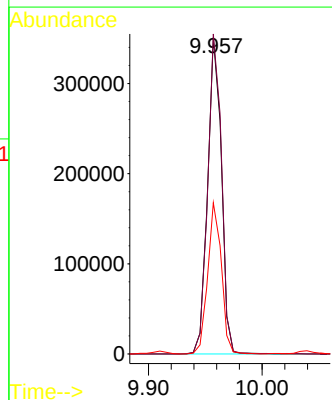
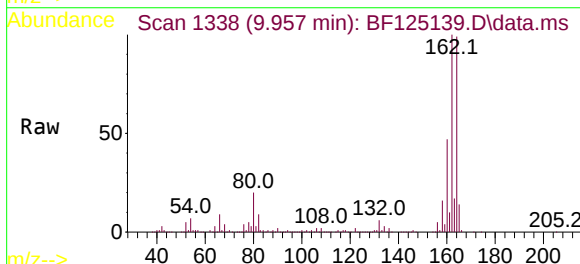
Instrument :
BNA_F
ClientSampleId :
N5868-N34145

Tgt Ion: 82 Resp: 890532
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: BF125139.D
Acq: 20 Aug 2021 17:30

Tgt Ion: 164 Resp: 295143
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 47.8 38.0 57.0

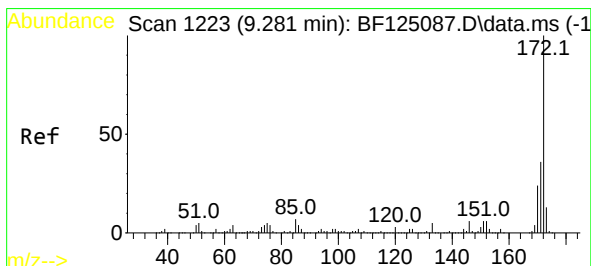
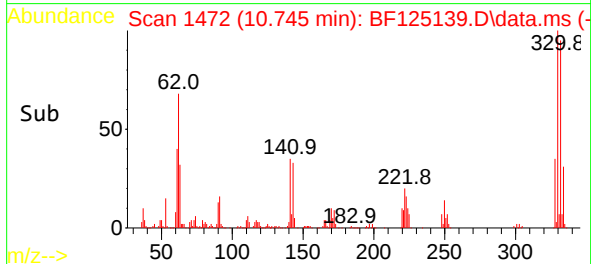
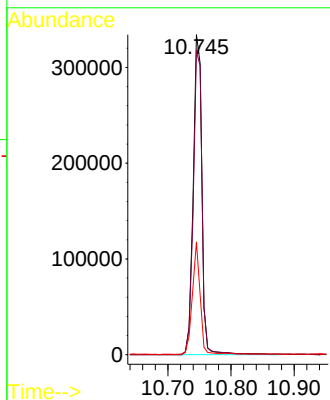
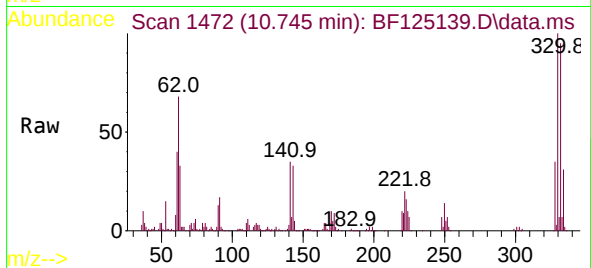




#42
2,4,6-Tribromophenol
Concen: 108.243 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

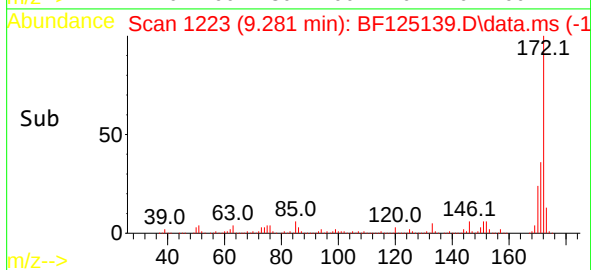
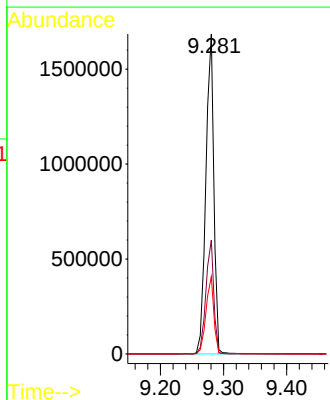
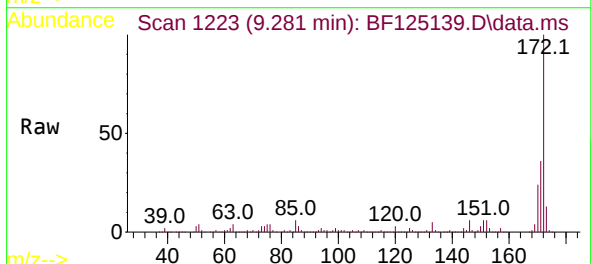
Instrument :
BNA_F
ClientSampleId :
N5868-N34145

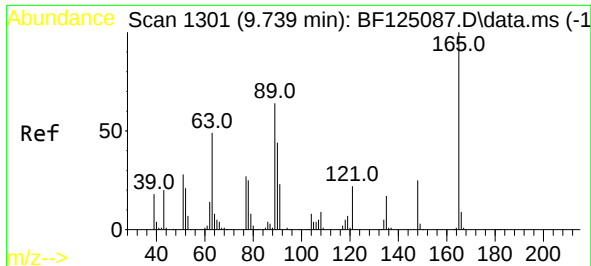
Tgt Ion:330 Resp: 318904
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 31.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.575 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

Tgt Ion:172 Resp: 1494523
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 24.2 18.8 28.2

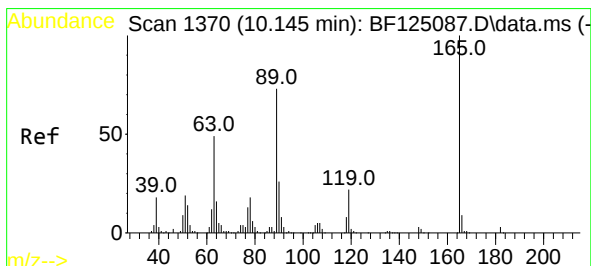
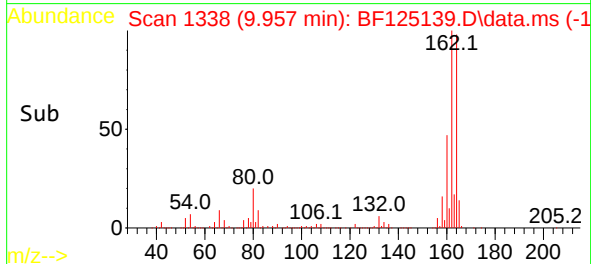
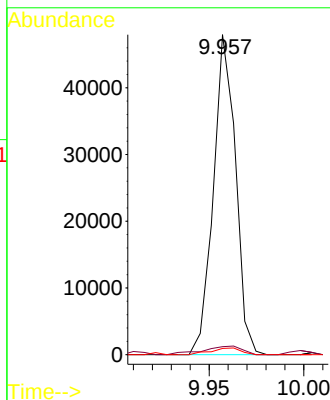
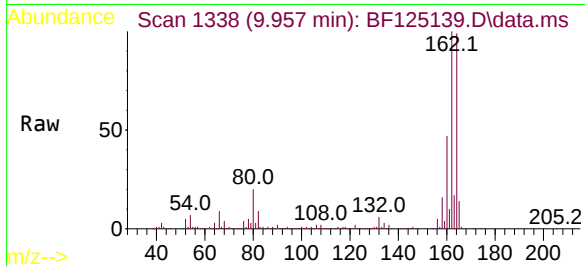




#51
2,6-Dinitrotoluene
Concen: 8.815 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

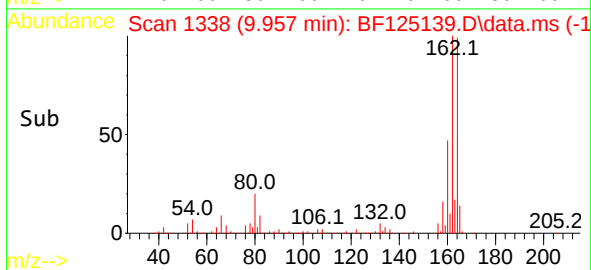
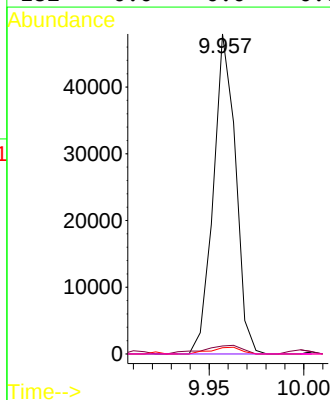
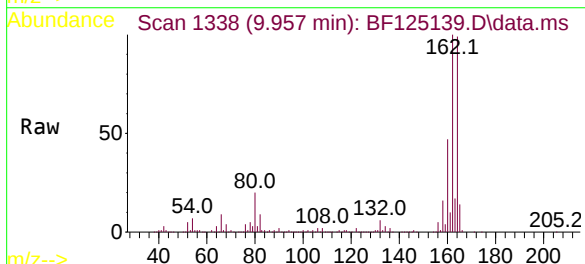
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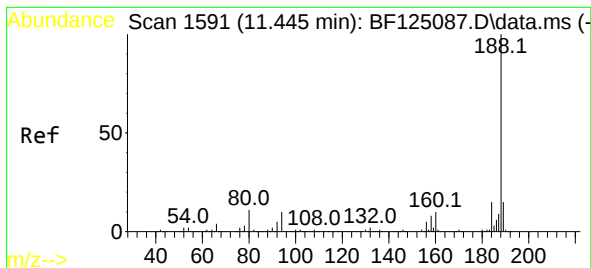
Tgt Ion:165 Resp: 39093
Ion Ratio Lower Upper
165 100
63 2.5 42.6 63.8#
89 2.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.283 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

Tgt Ion:165 Resp: 39093
Ion Ratio Lower Upper
165 100
63 2.5 40.9 61.3#
89 2.0 59.7 89.5#
182 0.0 0.0 0.0

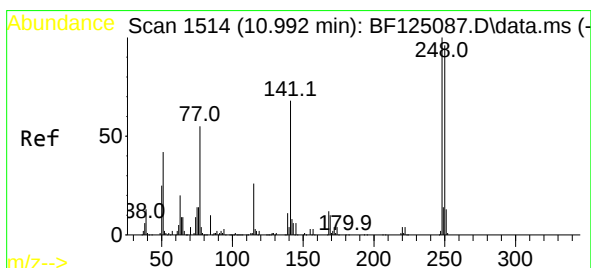
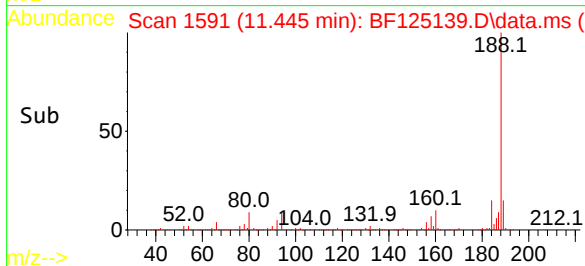
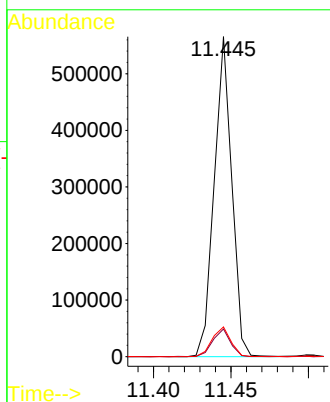
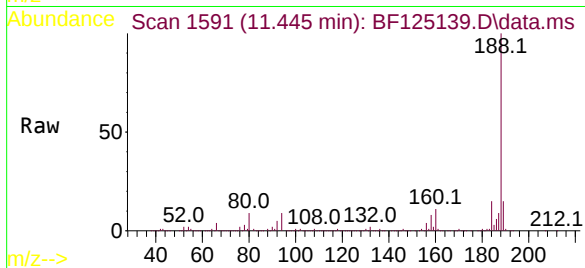




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

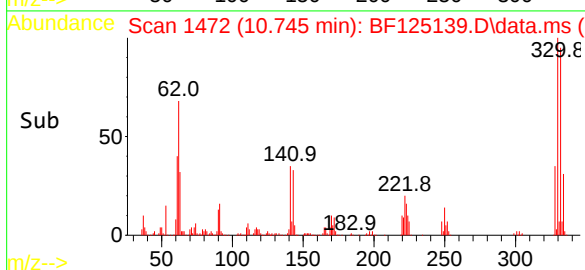
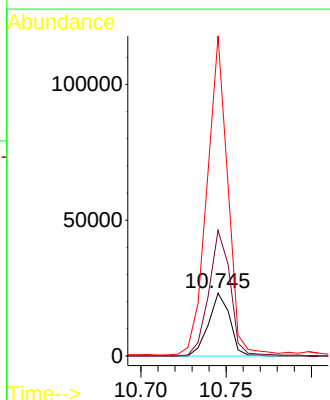
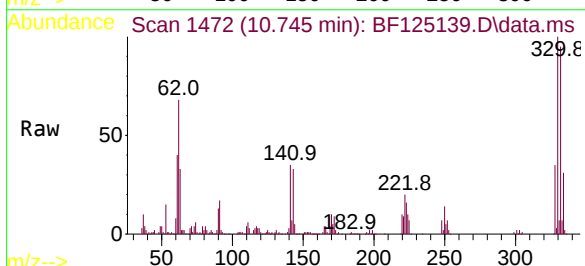
Instrument :
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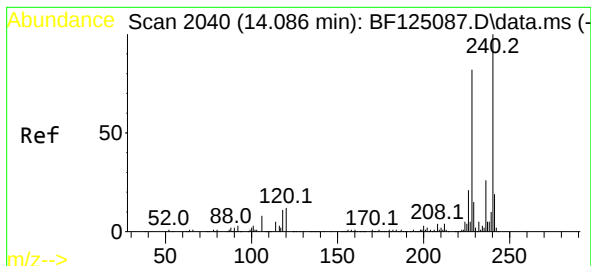
Tgt Ion:188 Resp: 445581
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.748 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

Tgt Ion:248 Resp: 20055
Ion Ratio Lower Upper
248 100
250 200.3 74.2 111.4#
141 509.5 60.4 90.6#

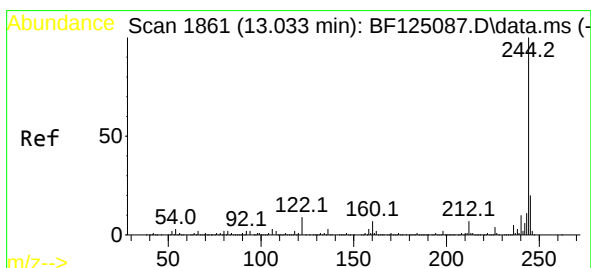
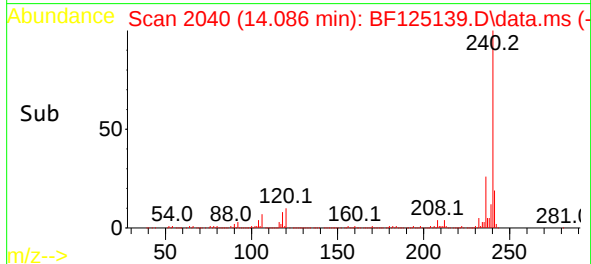
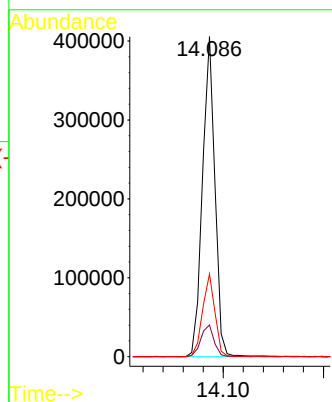
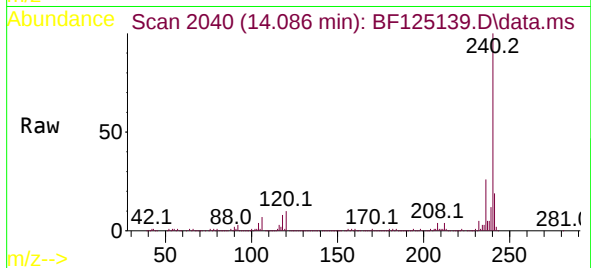




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

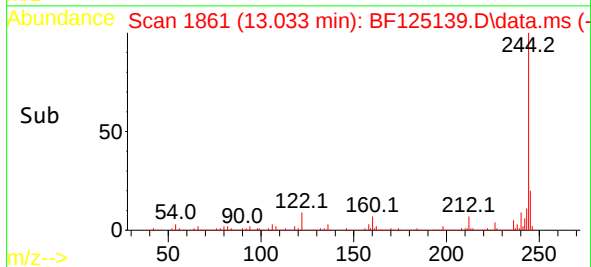
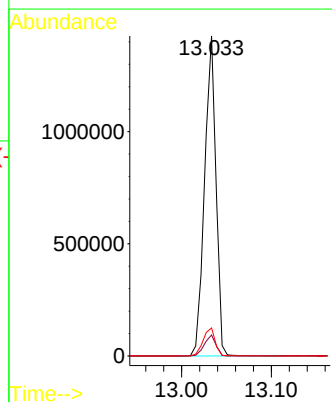
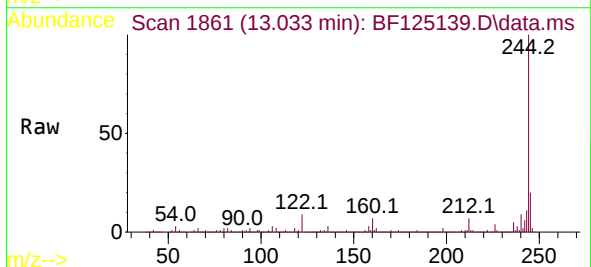
Instrument :
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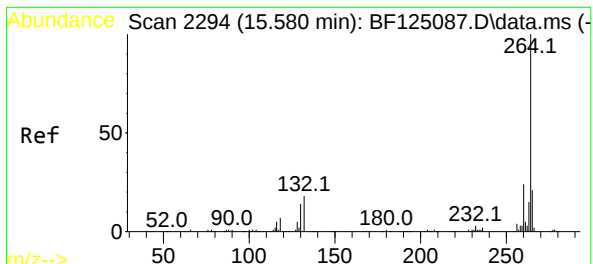
Tgt Ion:240 Resp: 350062
Ion Ratio Lower Upper
240 100
120 9.9 10.8 16.2#
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 57.220 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF125139.D
Acq: 20 Aug 2021 17:30

Tgt Ion:244 Resp: 1257348
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.8 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.006 min
 Lab File: BF125139.D
 Acq: 20 Aug 2021 17:30

Instrument :
 BNA_F
 ClientSampleId :
 N5868-N34145

Tgt Ion:264 Resp: 355561
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.8 17.2 25.8

