

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125163.D
 Acq On : 23 Aug 2021 19:40
 Operator : JU/CG
 Sample : M3478-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI369

Quant Time: Aug 24 04:48:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 10:15:49 2021
 Response via : Initial Calibration

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

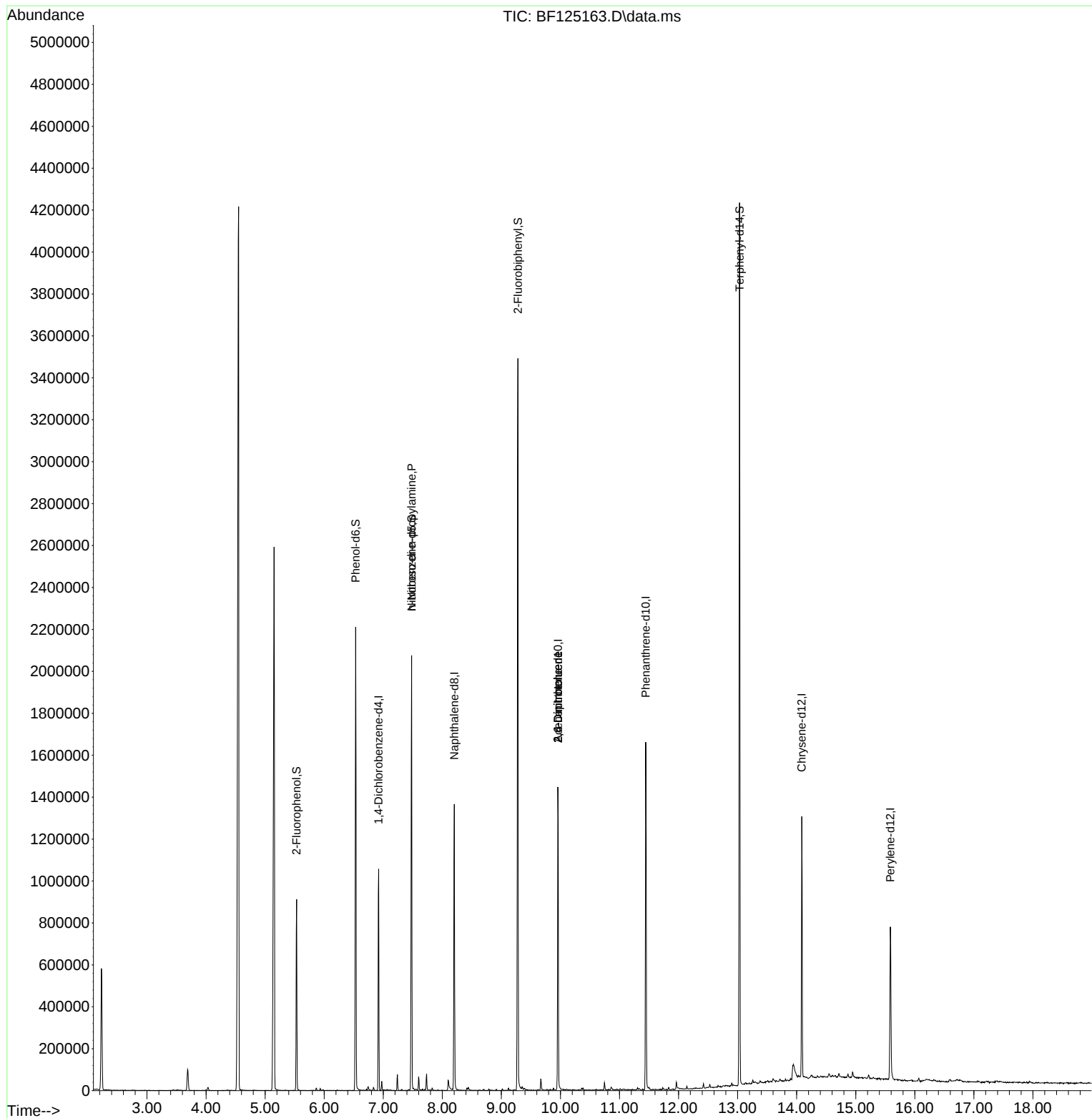
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	150741	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	578682	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	307050	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	591594	20.000	ng	0.00
76) Chrysene-d12	14.086	240	422619	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	347927	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	211521	21.239	ng	0.00
7) Phenol-d6	6.534	99	665377	51.659	ng	-0.01
23) Nitrobenzene-d5	7.481	82	603065	52.465	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	5061	1.651	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	1100084	49.934	ng	0.00
79) Terphenyl-d14	13.033	244	1414386	53.316	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	82801	10.688	ng	# 58
51) 2,6-Dinitrotoluene	9.957	165	40425	8.762	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	40426	7.239	ng	# 20

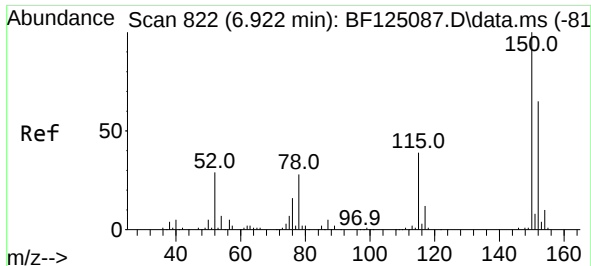
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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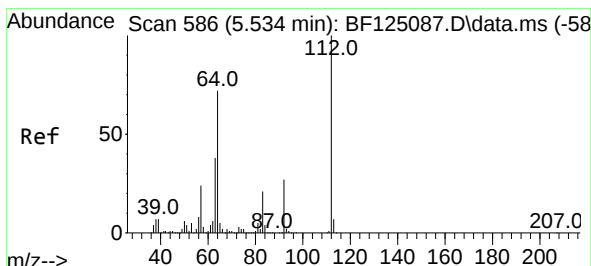
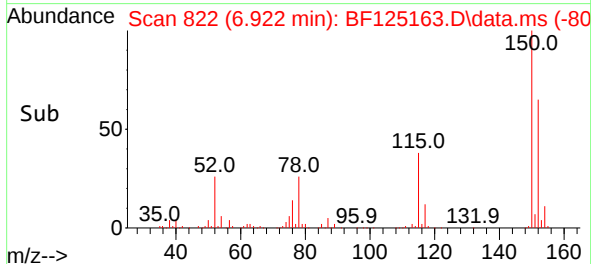
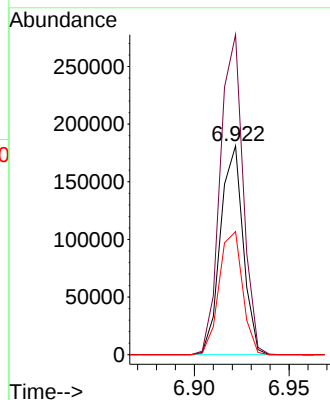
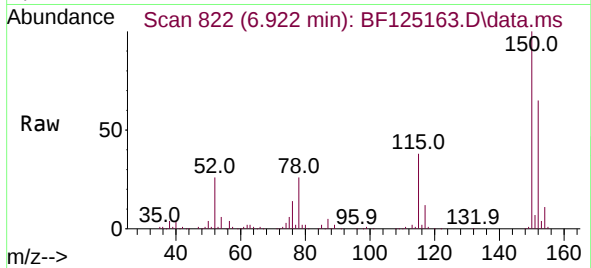




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125163.D
Acq: 23 Aug 2021 19:40

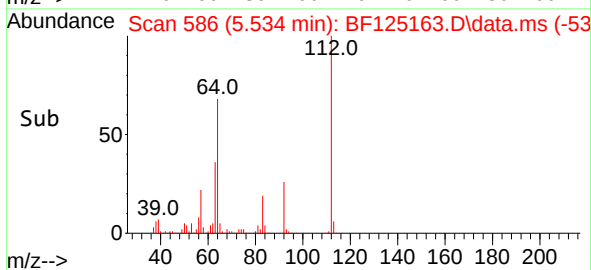
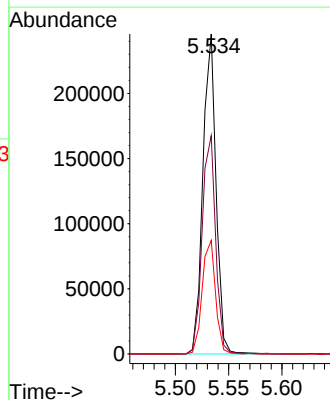
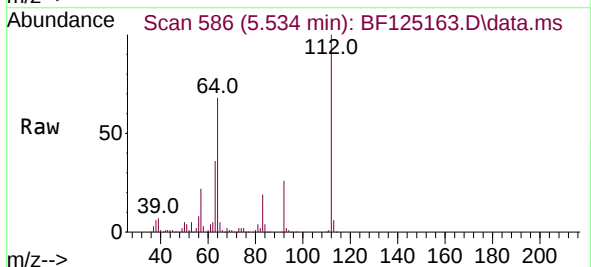
Instrument :
BNA_F
ClientSampleId :
ETGI369

Tgt Ion:152 Resp: 150741
Ion Ratio Lower Upper
152 100
150 153.2 117.6 176.4
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 21.239 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.006 min
Lab File: BF125163.D
Acq: 23 Aug 2021 19:40

Tgt Ion:112 Resp: 211521
Ion Ratio Lower Upper
112 100
64 68.2 44.2 66.2#
63 35.5 26.2 39.2

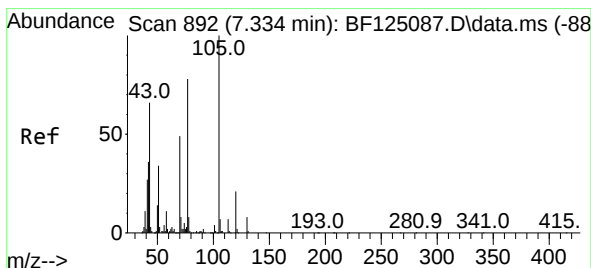
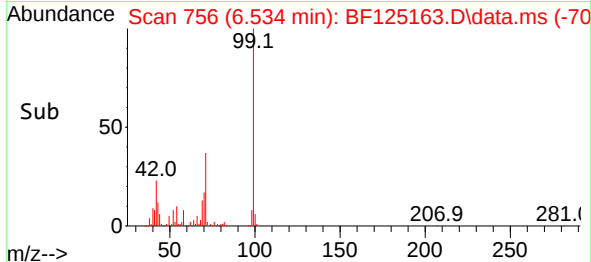
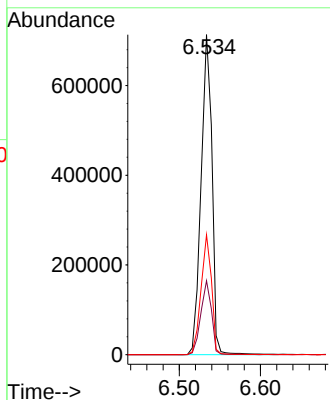
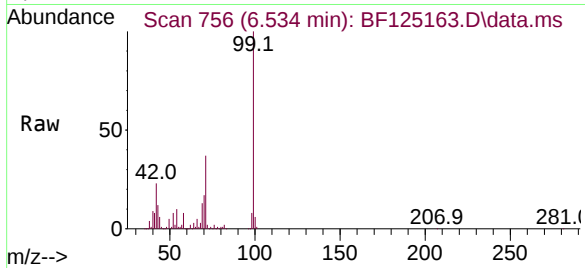




#7
Phenol-d6
Concen: 51.659 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.012 min
Lab File: BF125163.D
Acq: 23 Aug 2021 19:40

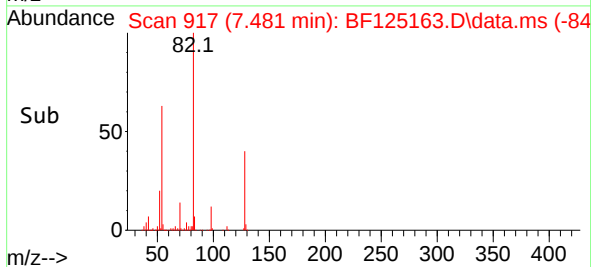
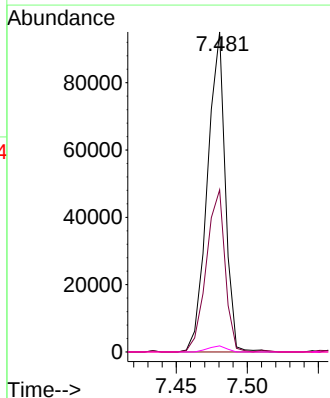
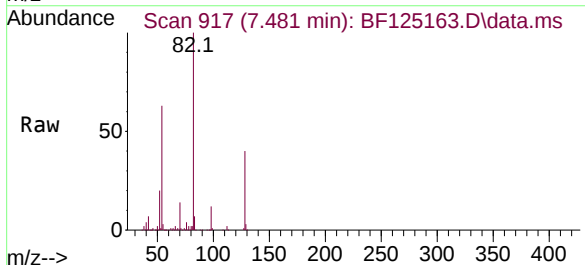
Instrument :
BNA_F
ClientSampleId :
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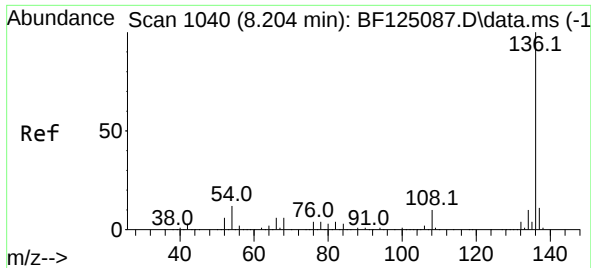
Tgt Ion: 99 Resp: 665377
Ion Ratio Lower Upper
99 100
42 23.1 23.5 35.3#
71 37.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.688 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.141 min
Lab File: BF125163.D
Acq: 23 Aug 2021 19:40

Tgt Ion: 70 Resp: 82801
Ion Ratio Lower Upper
70 100
42 50.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

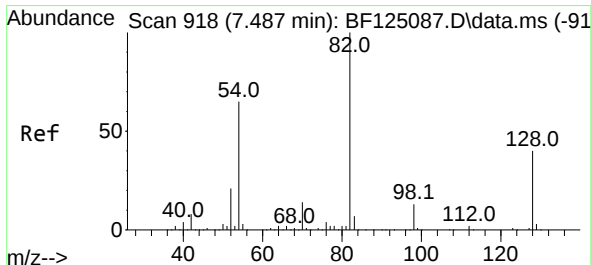
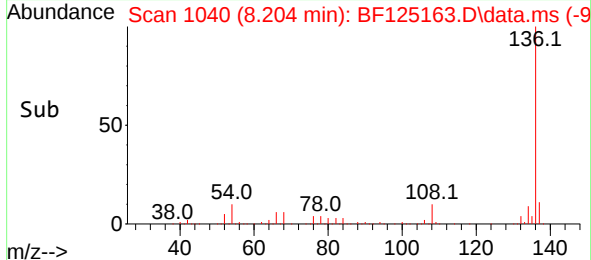
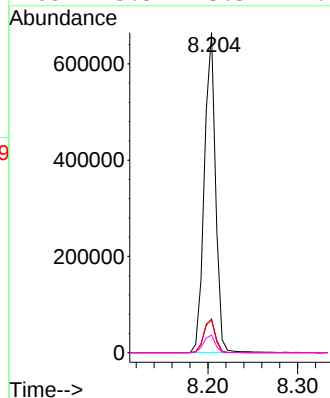
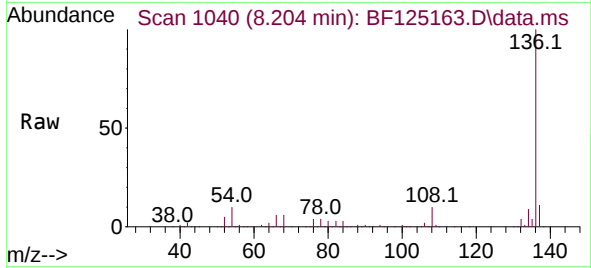




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125163.D
Acq: 23 Aug 2021 19:40

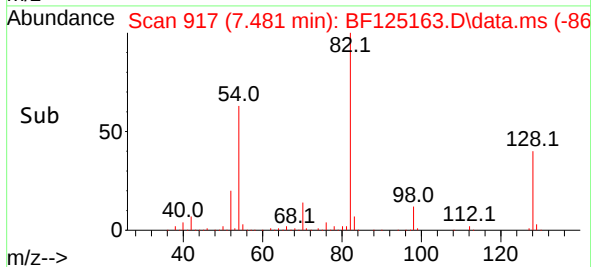
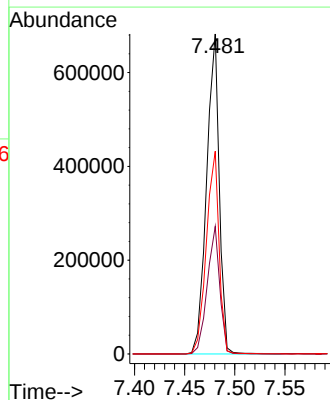
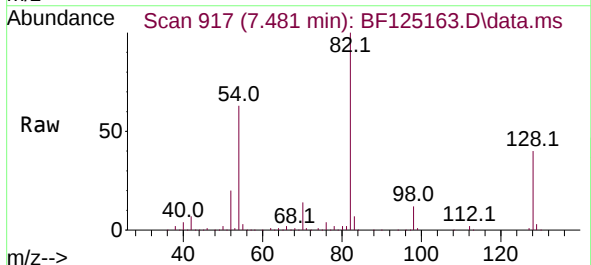
Instrument :
BNA_F
ClientSampled :
ETGI369

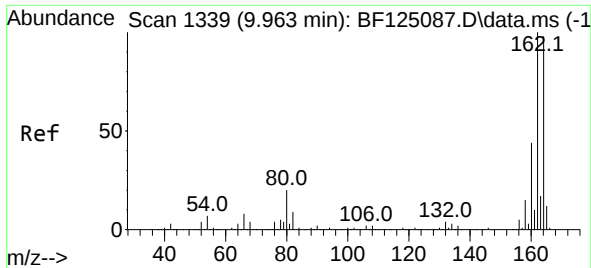
Tgt Ion:136	Resp: 578682
Ion Ratio	Lower Upper
136 100	
137 10.6	9.8 14.6
54 10.1	6.4 9.6#
68 5.5	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 52.465 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125163.D
Acq: 23 Aug 2021 19:40

Tgt Ion: 82	Resp: 603065
Ion Ratio	Lower Upper
82 100	
128 39.8	40.6 60.8#
54 63.4	49.6 74.4

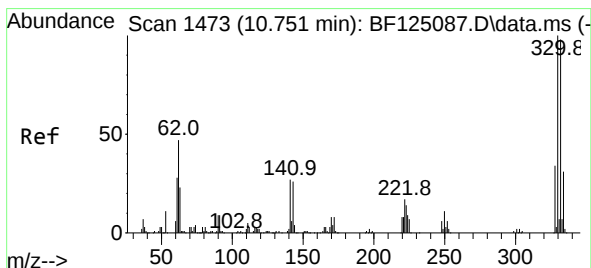
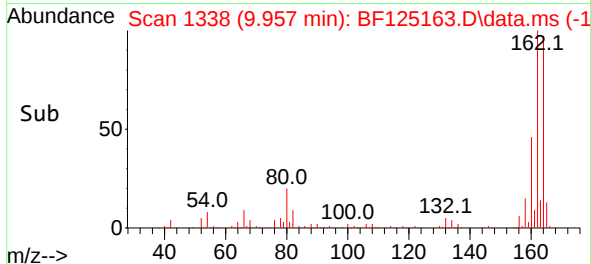
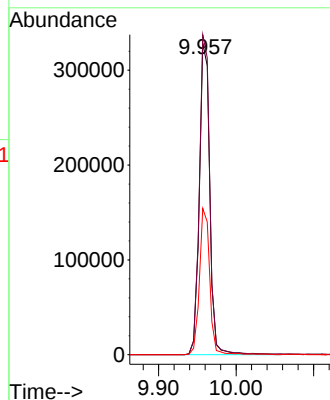
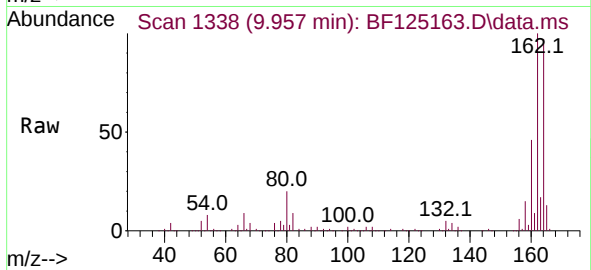




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125163.D
Acq: 23 Aug 2021 19:40

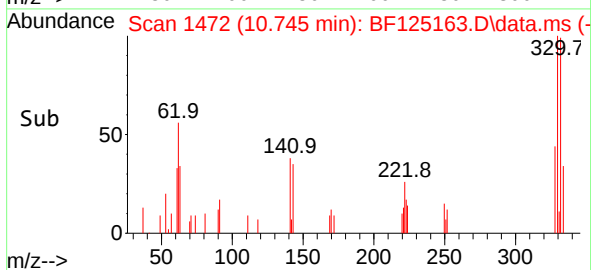
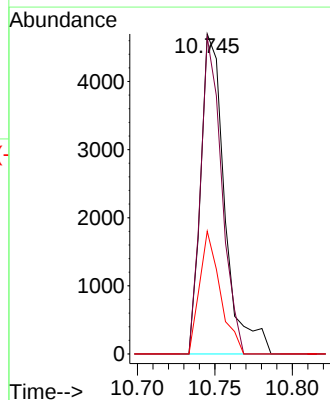
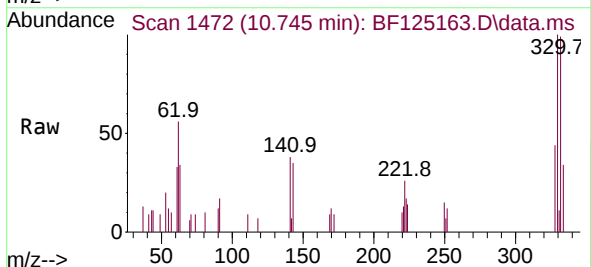
Instrument :
BNA_F
ClientSampled :
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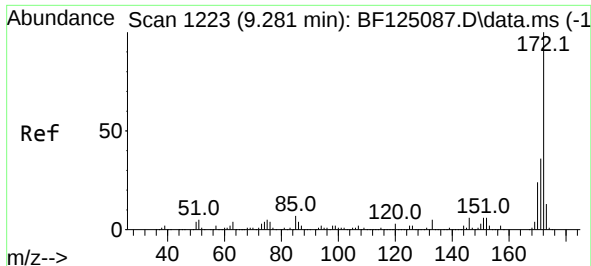
Tgt Ion:164 Resp: 307050
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 46.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 1.651 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF125163.D
Acq: 23 Aug 2021 19:40

Tgt Ion:330 Resp: 5061
Ion Ratio Lower Upper
330 100
332 87.0 76.2 114.4
141 32.9 44.6 66.8#

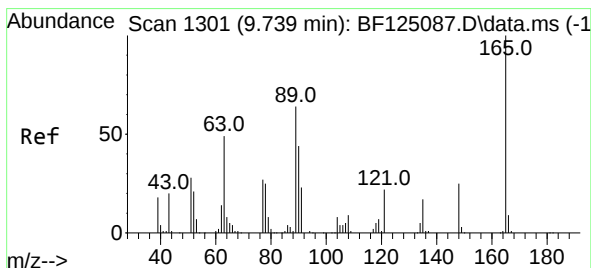
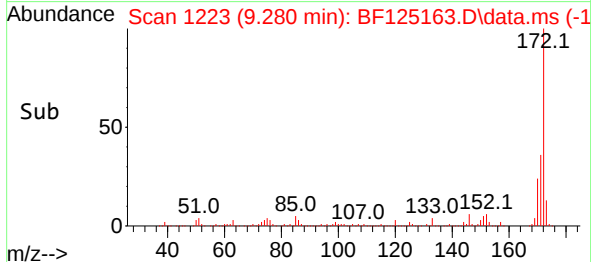
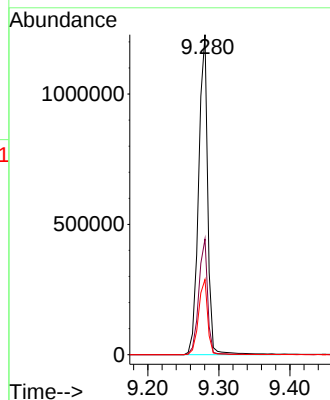
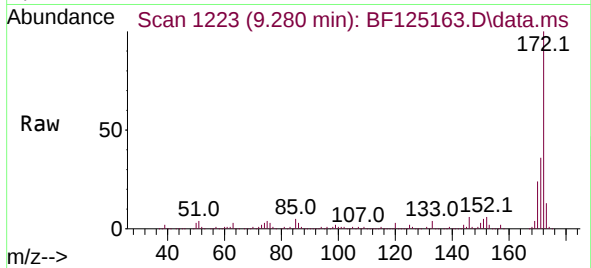




#45
2-Fluorobiphenyl
Concen: 49.934 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125163.D
Acq: 23 Aug 2021 19:40

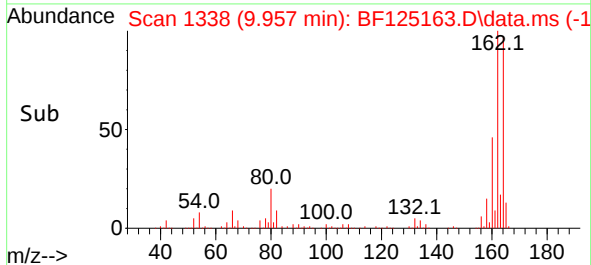
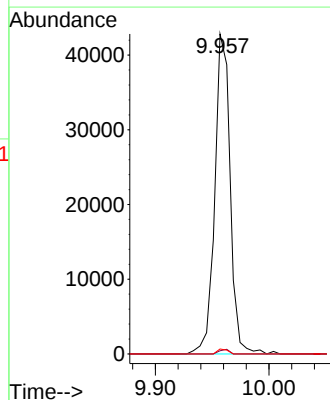
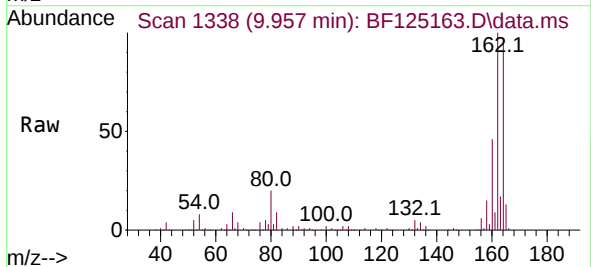
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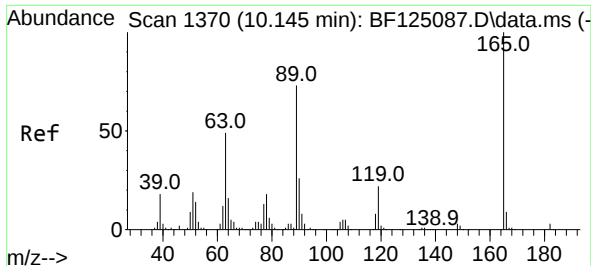
Tgt Ion:172 Resp: 1100084
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 23.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.762 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF125163.D
Acq: 23 Aug 2021 19:40

Tgt Ion:165 Resp: 40425
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.6 40.6 60.8#

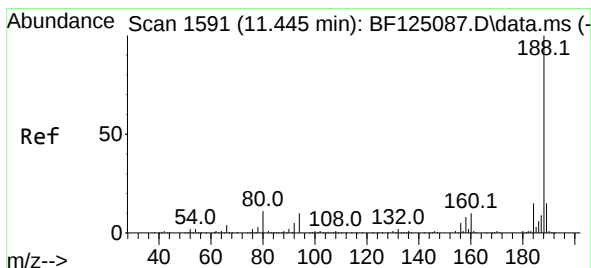
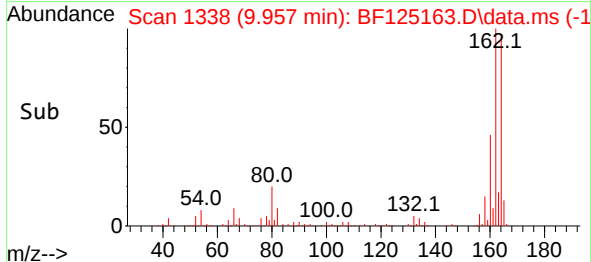
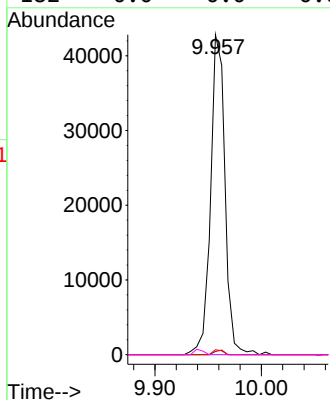
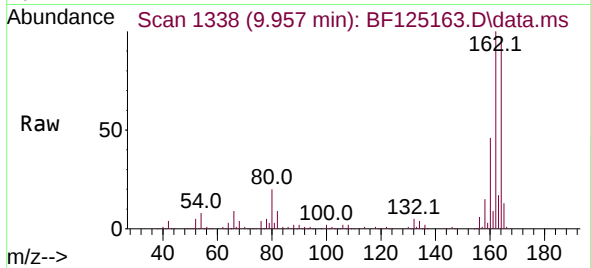




#57
2,4-Dinitrotoluene
Concen: 7.239 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF125163.D
Acq: 23 Aug 2021 19:40

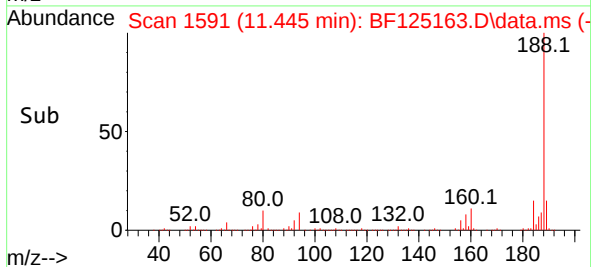
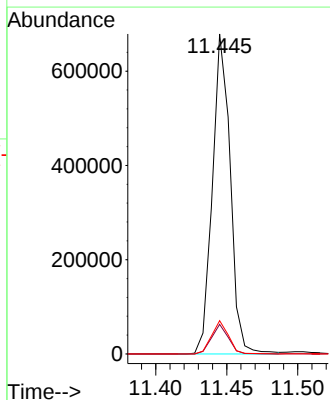
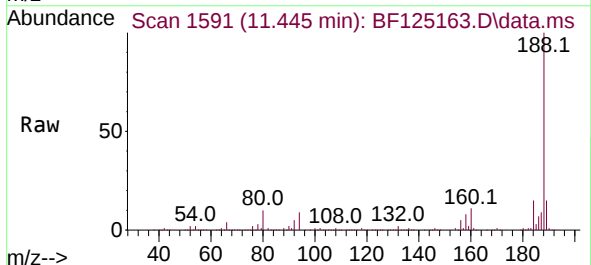
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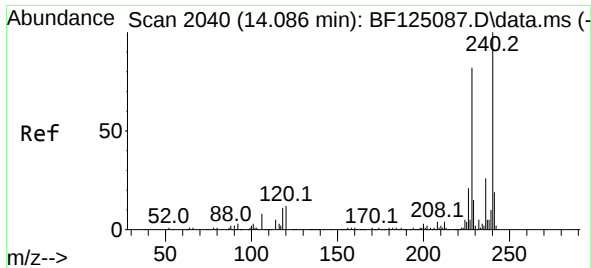
Tgt Ion:165	Resp:	40426
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	1.6	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF125163.D
Acq: 23 Aug 2021 19:40

Tgt Ion:188	Resp:	591594
Ion Ratio	Lower	Upper
188	100	
94	9.3	6.7 10.1
80	10.4	7.5 11.3

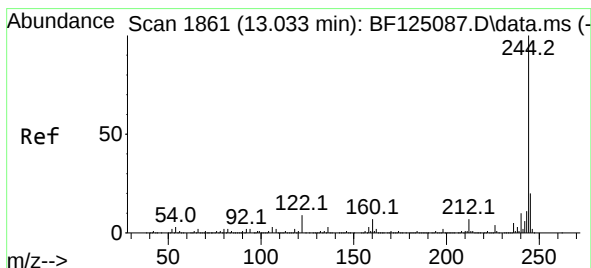
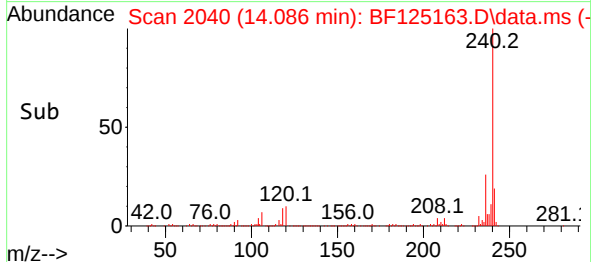
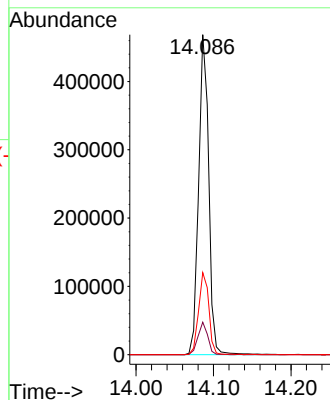
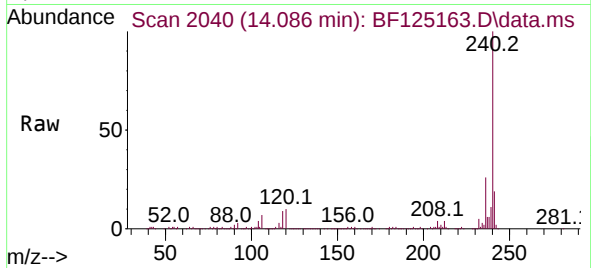




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BF125163.D
Acq: 23 Aug 2021 19:40

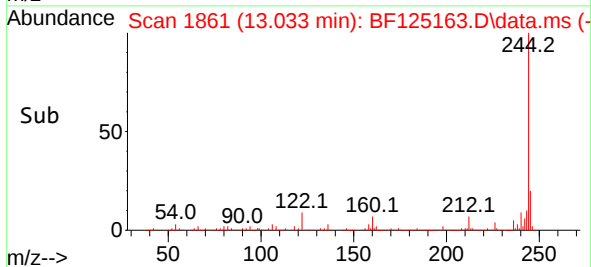
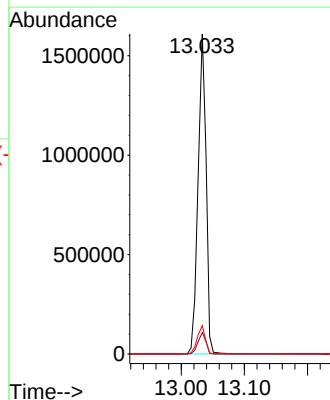
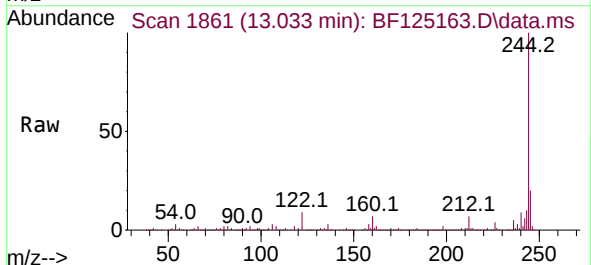
Instrument :
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ETGI369

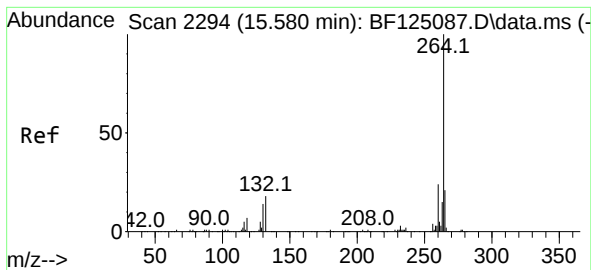
Tgt Ion:240 Resp: 422619
Ion Ratio Lower Upper
240 100
120 10.2 10.8 16.2#
236 25.6 21.6 32.4



#79
Terphenyl-d14
Concen: 53.316 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BF125163.D
Acq: 23 Aug 2021 19:40

Tgt Ion:244 Resp: 1414386
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.9 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.012 min
 Lab File: BF125163.D
 Acq: 23 Aug 2021 19:40

Instrument :
 BNA_F
 ClientSampleId :
 ETGI369

Tgt Ion:264 Resp: 347927
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.3 17.2 25.8

