

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125912.D
 Acq On : 19 Oct 2021 21:38
 Operator : JU/CG
 Sample : M4271-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-101821

Quant Time: Oct 20 09:30:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

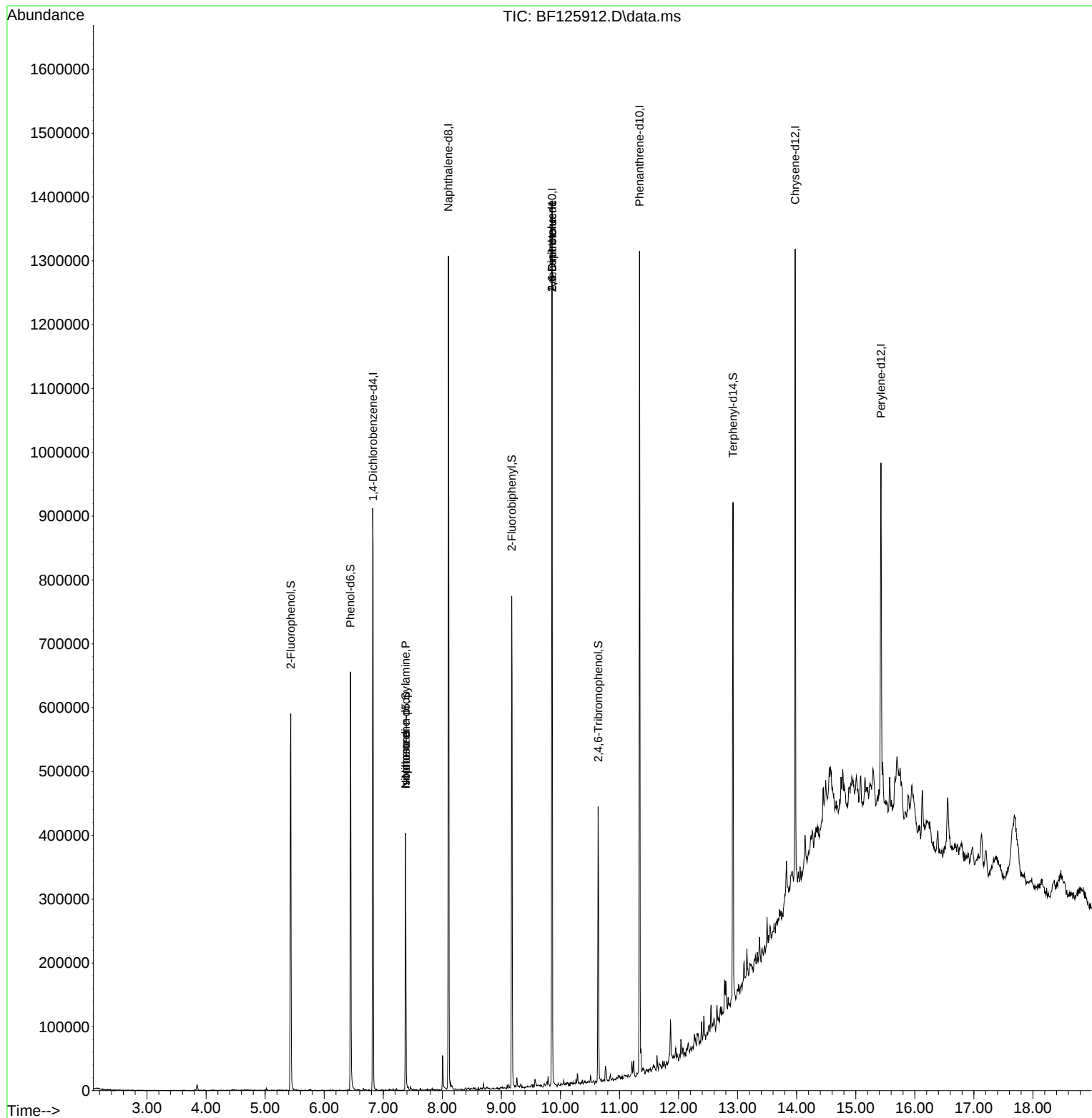
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	148016	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	559856	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	261100	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	437510	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	305866	20.000	ng	0.00
86) Perylene-d12	15.427	264	235970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	186163	20.546	ng	0.00
7) Phenol-d6	6.445	99	221765	19.013	ng	-0.01
23) Nitrobenzene-d5	7.381	82	115476	12.821	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	50460	19.574	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	237820	15.710	ng	0.00
79) Terphenyl-d14	12.921	244	242762	12.090	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	14414	2.341	ng	# 51
25) Isophorone	7.381	82	115473	7.237	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	32959	9.487	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	32959	7.503	ng	# 19

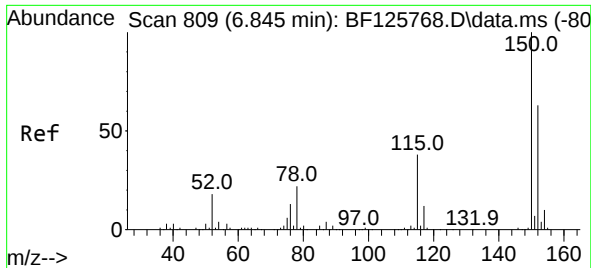
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125912.D
Acq On : 19 Oct 2021 21:38
Operator : JU/CG
Sample : M4271-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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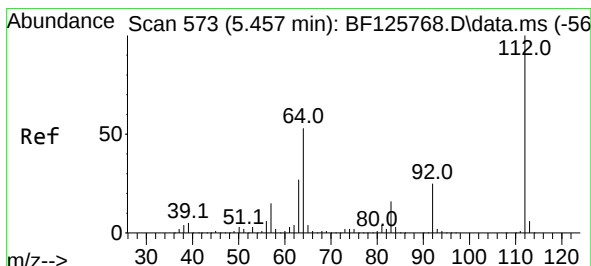
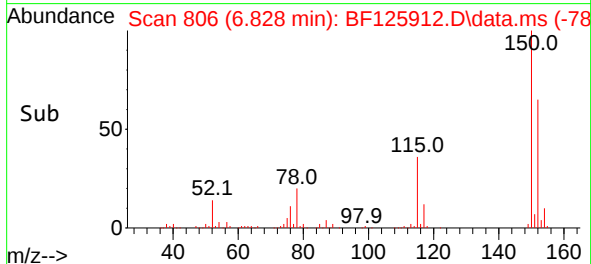
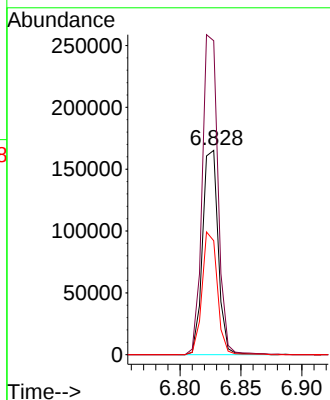
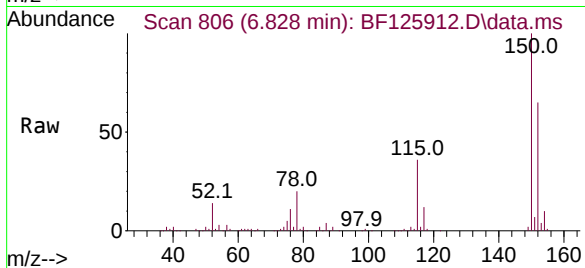




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BF125912.D
 Acq: 19 Oct 2021 21:38

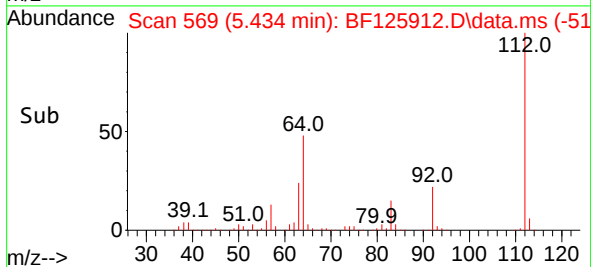
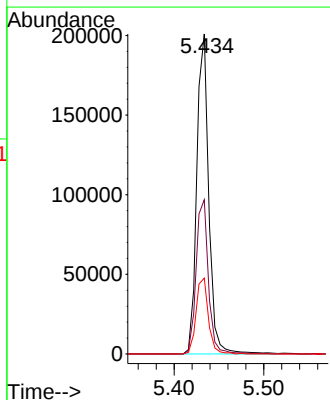
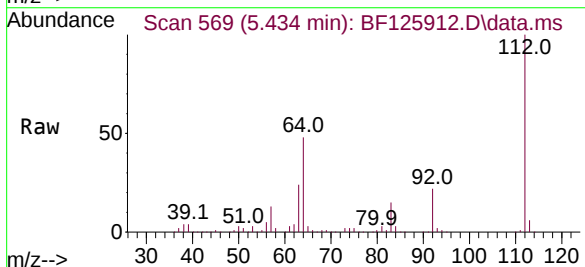
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-101821

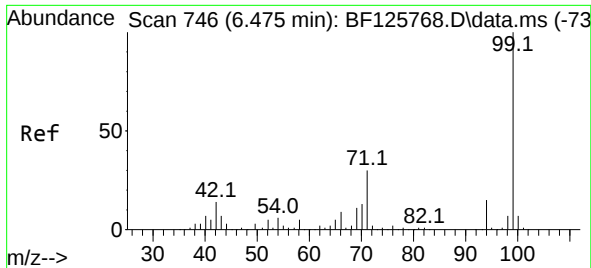
Tgt Ion:152 Resp: 148016
 Ion Ratio Lower Upper
 152 100
 150 153.6 117.6 176.4
 115 55.8 47.1 70.7



#5
 2-Fluorophenol
 Concen: 20.546 ng
 RT: 5.434 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: BF125912.D
 Acq: 19 Oct 2021 21:38

Tgt Ion:112 Resp: 186163
 Ion Ratio Lower Upper
 112 100
 64 48.2 44.2 66.2
 63 23.7 26.2 39.2#

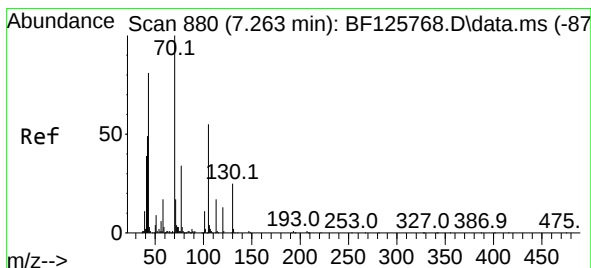
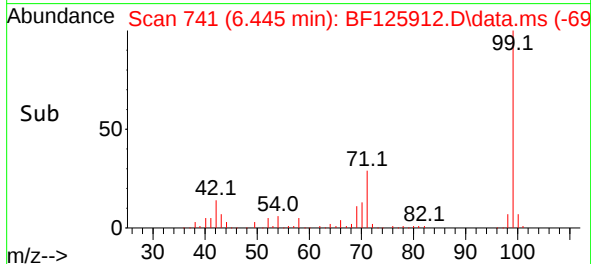
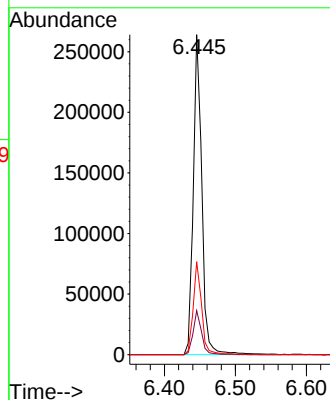
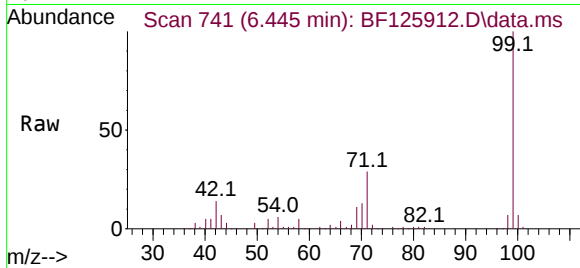




#7
Phenol-d6
Concen: 19.013 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

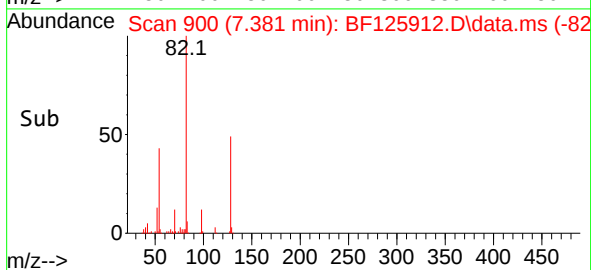
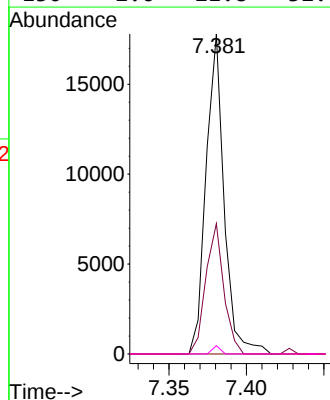
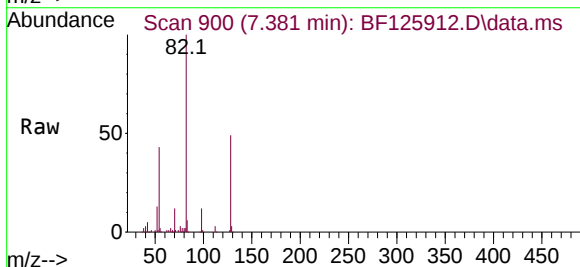
Instrument :
BNA_F
ClientSampleId :
OK-01-101821

Tgt Ion: 99 Resp: 221765
Ion Ratio Lower Upper
99 100
42 13.8 23.5 35.3#
71 29.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 2.341 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

Tgt Ion: 70 Resp: 14414
Ion Ratio Lower Upper
70 100
42 40.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#

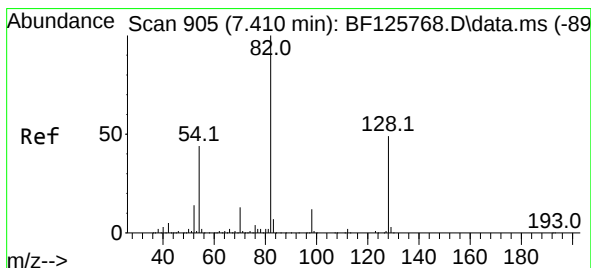
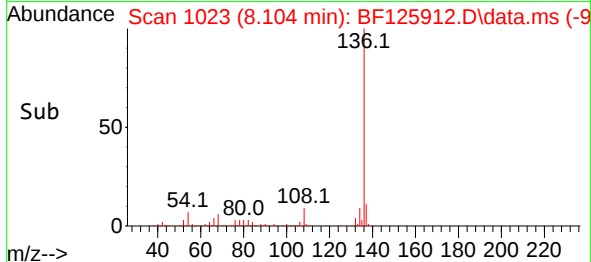
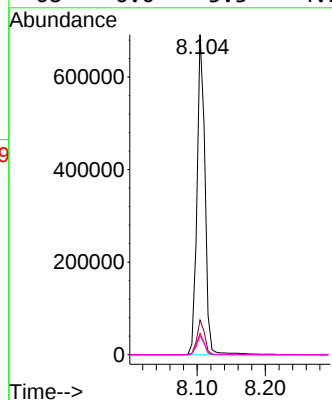
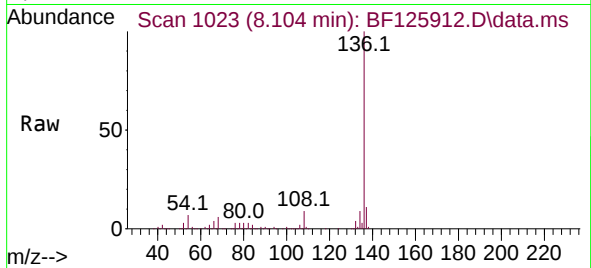




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

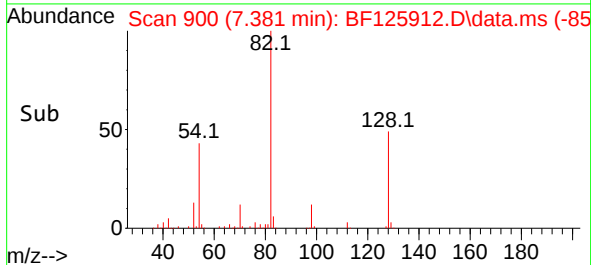
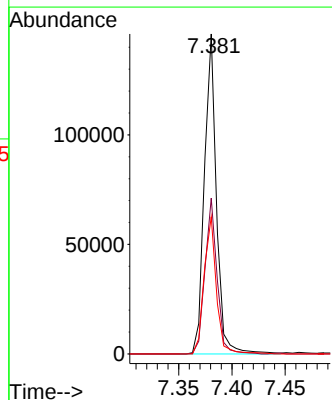
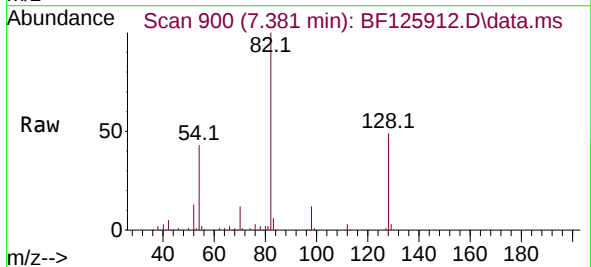
Instrument :
BNA_F
ClientSampleId :
OK-01-101821

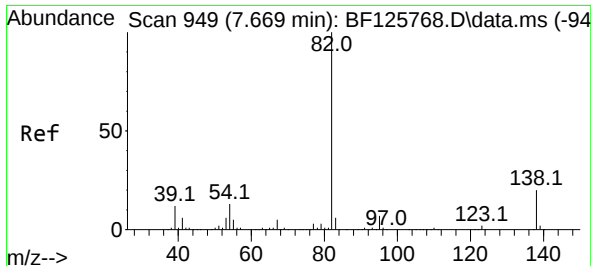
Tgt Ion:136	Resp: 559856
Ion Ratio	Lower Upper
136 100	
137 10.8	9.8 14.6
54 6.6	6.4 9.6
68 6.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 12.821 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

Tgt Ion: 82	Resp: 115476
Ion Ratio	Lower Upper
82 100	
128 48.7	40.6 60.8
54 42.9	49.6 74.4#

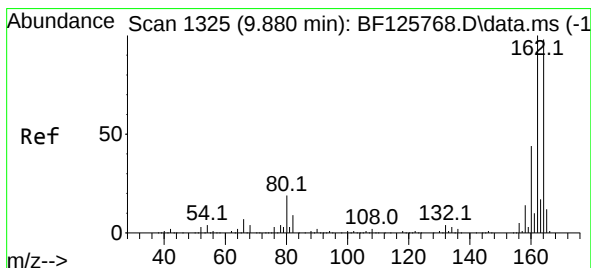
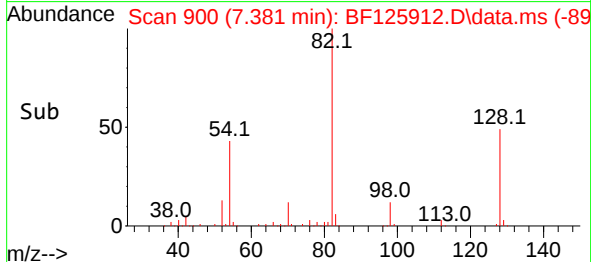
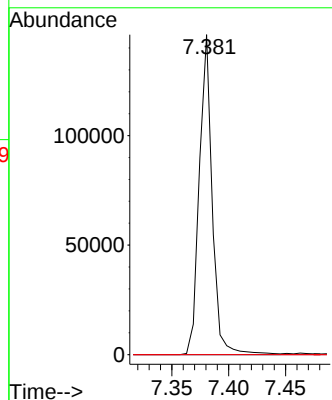
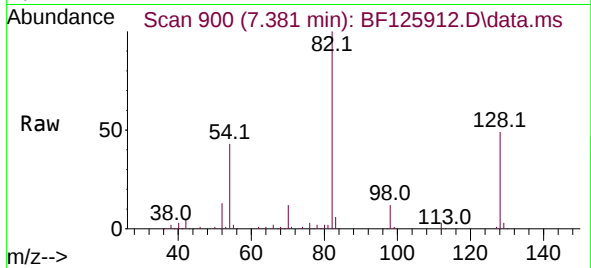




#25
Isophorone
Concen: 7.237 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.271 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

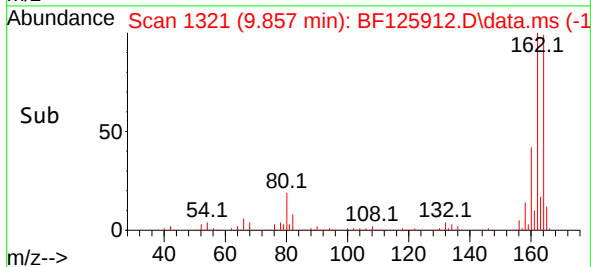
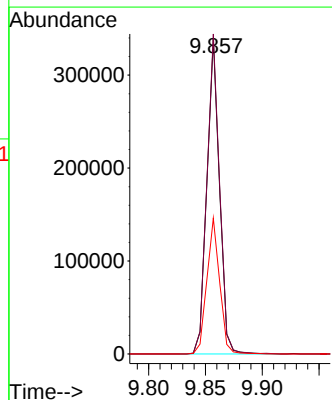
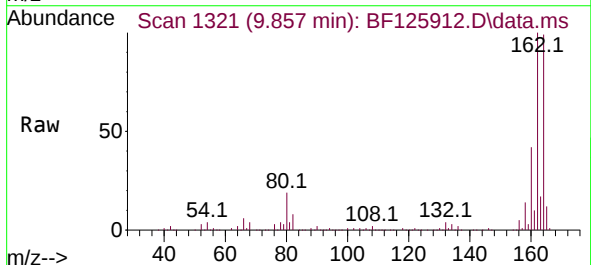
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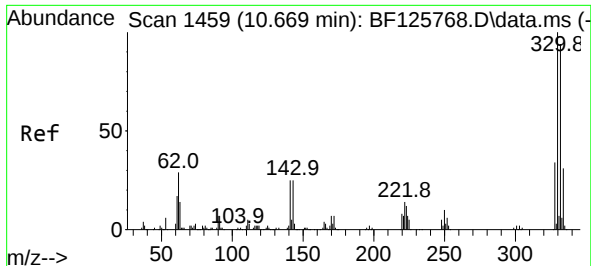
Tgt Ion: 82 Resp: 115473
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

Tgt Ion:164 Resp: 261100
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 43.1 38.0 57.0

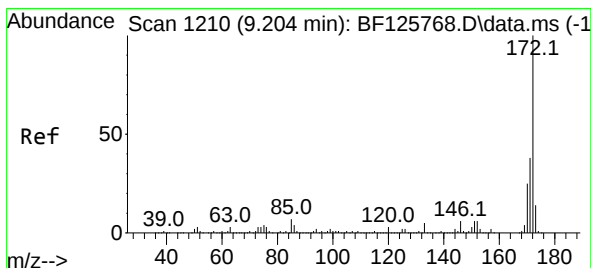
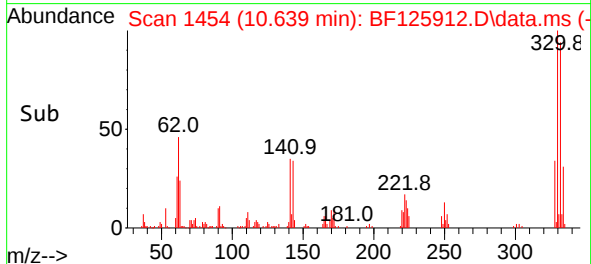
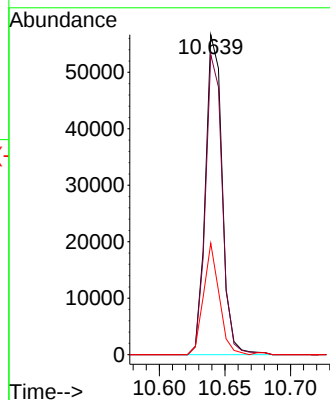
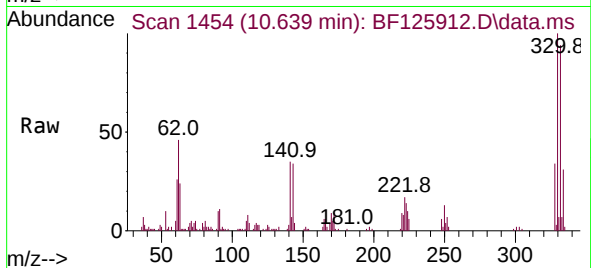




#42
2,4,6-Tribromophenol
Concen: 19.574 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

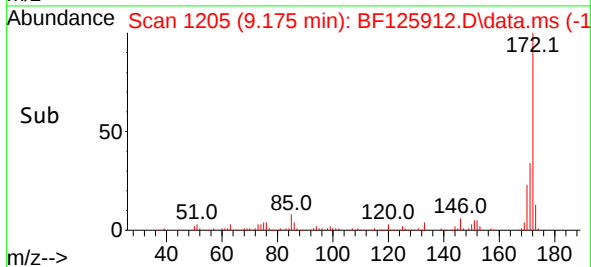
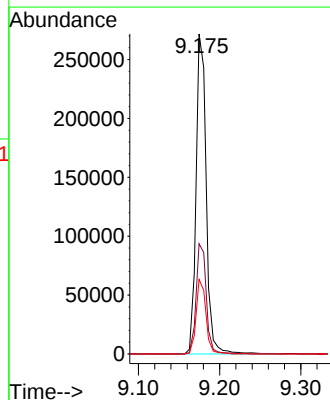
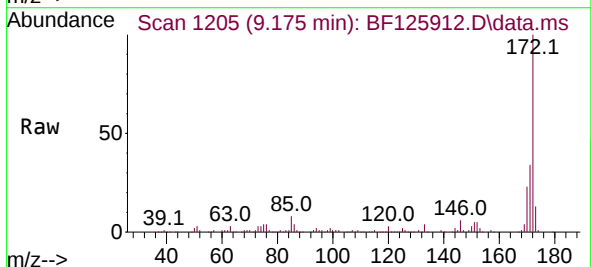
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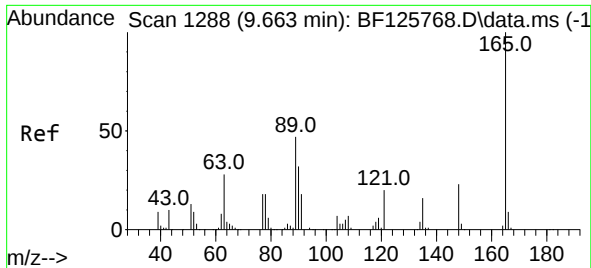
Tgt Ion: 330 Resp: 50460
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 32.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 15.710 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

Tgt Ion: 172 Resp: 237820
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.3 18.8 28.2

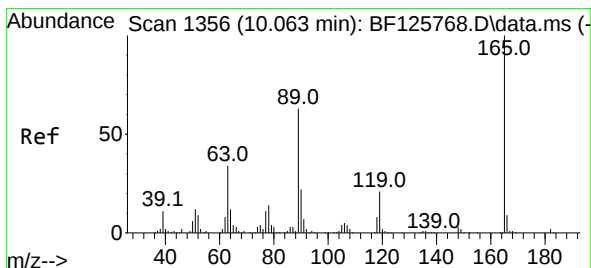
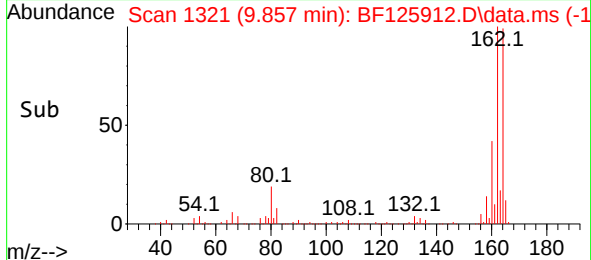
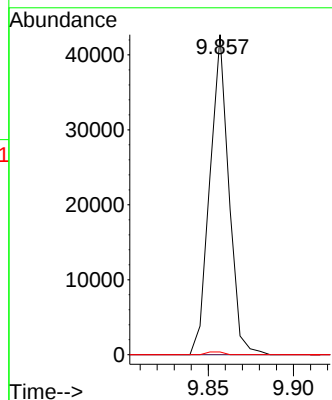
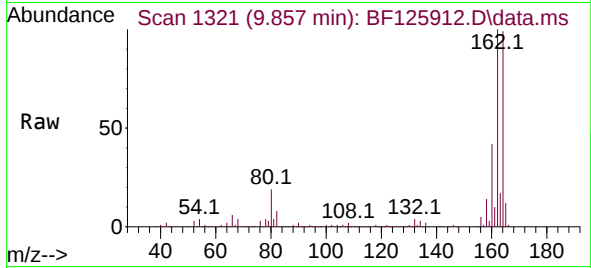




#51
2,6-Dinitrotoluene
Concen: 9.487 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

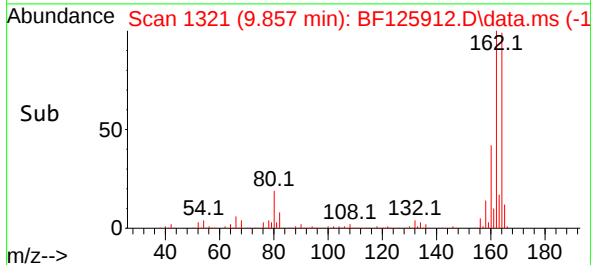
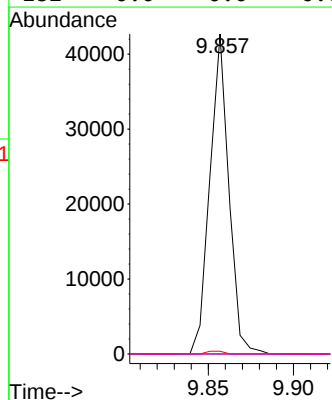
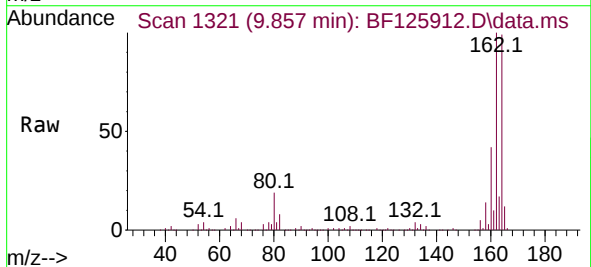
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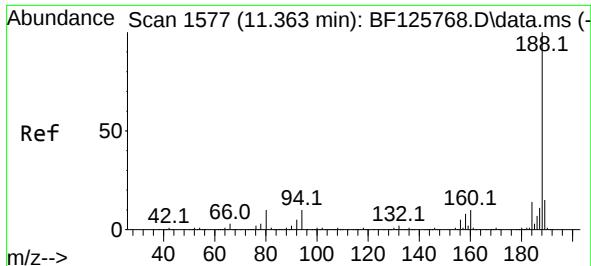
Tgt Ion:165 Resp: 32959
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.503 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

Tgt Ion:165 Resp: 32959
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

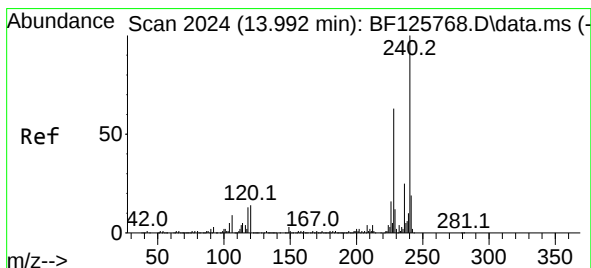
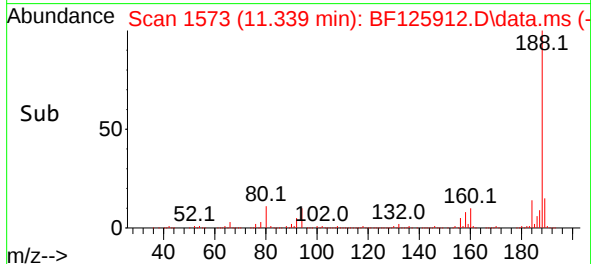
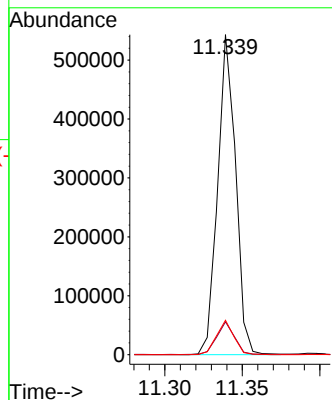
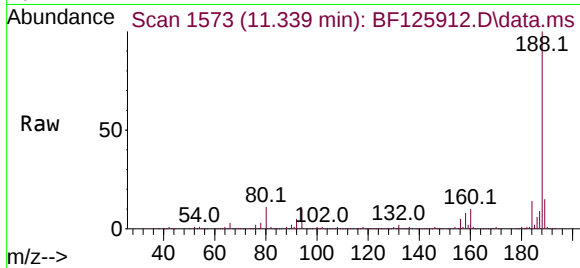




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

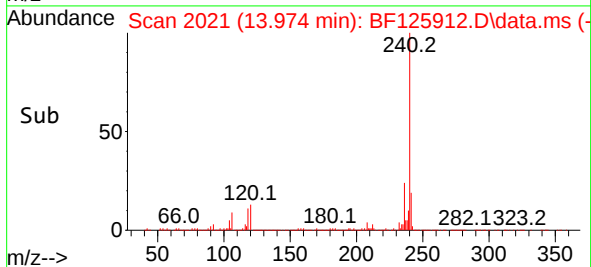
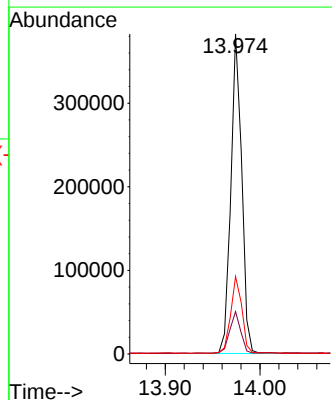
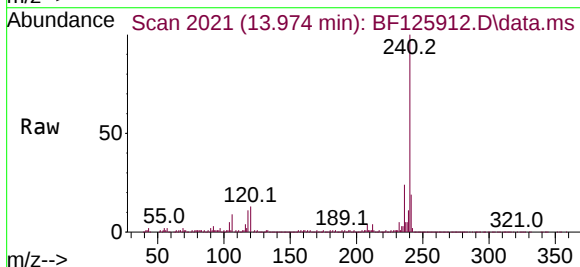
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OK-01-101821

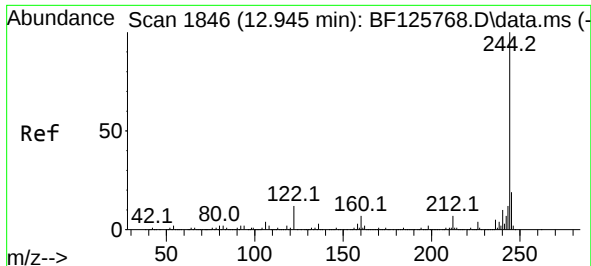
Tgt Ion:188 Resp: 437510
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 10.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

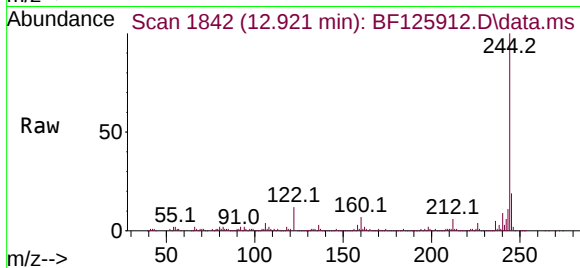
Tgt Ion:240 Resp: 305866
Ion Ratio Lower Upper
240 100
120 13.2 10.8 16.2
236 24.2 21.6 32.4



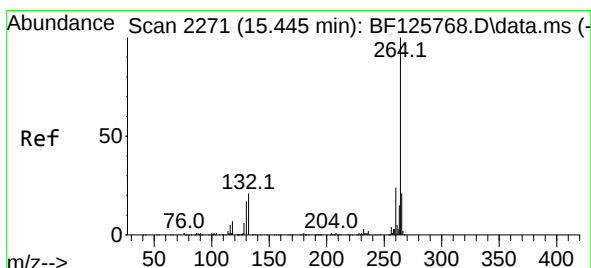
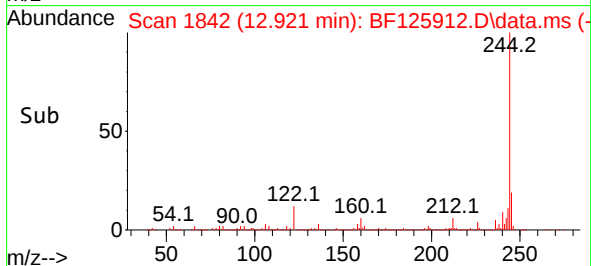
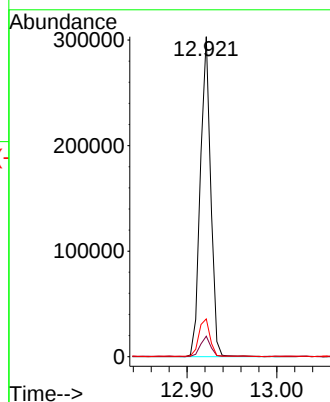


#79
Terphenyl-d14
Concen: 12.090 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

Instrument :
BNA_F
ClientSampleId :
OK-01-101821



Tgt Ion:244 Resp: 242762
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 11.8 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.006 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

Tgt Ion:264 Resp: 235970
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.4 17.2 25.8

