

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121953.D
 Acq On : 14 Oct 2020 12:04
 Operator : JU/CG
 Sample : L4225-09RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-100920RE

Quant Time: Oct 14 12:49:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

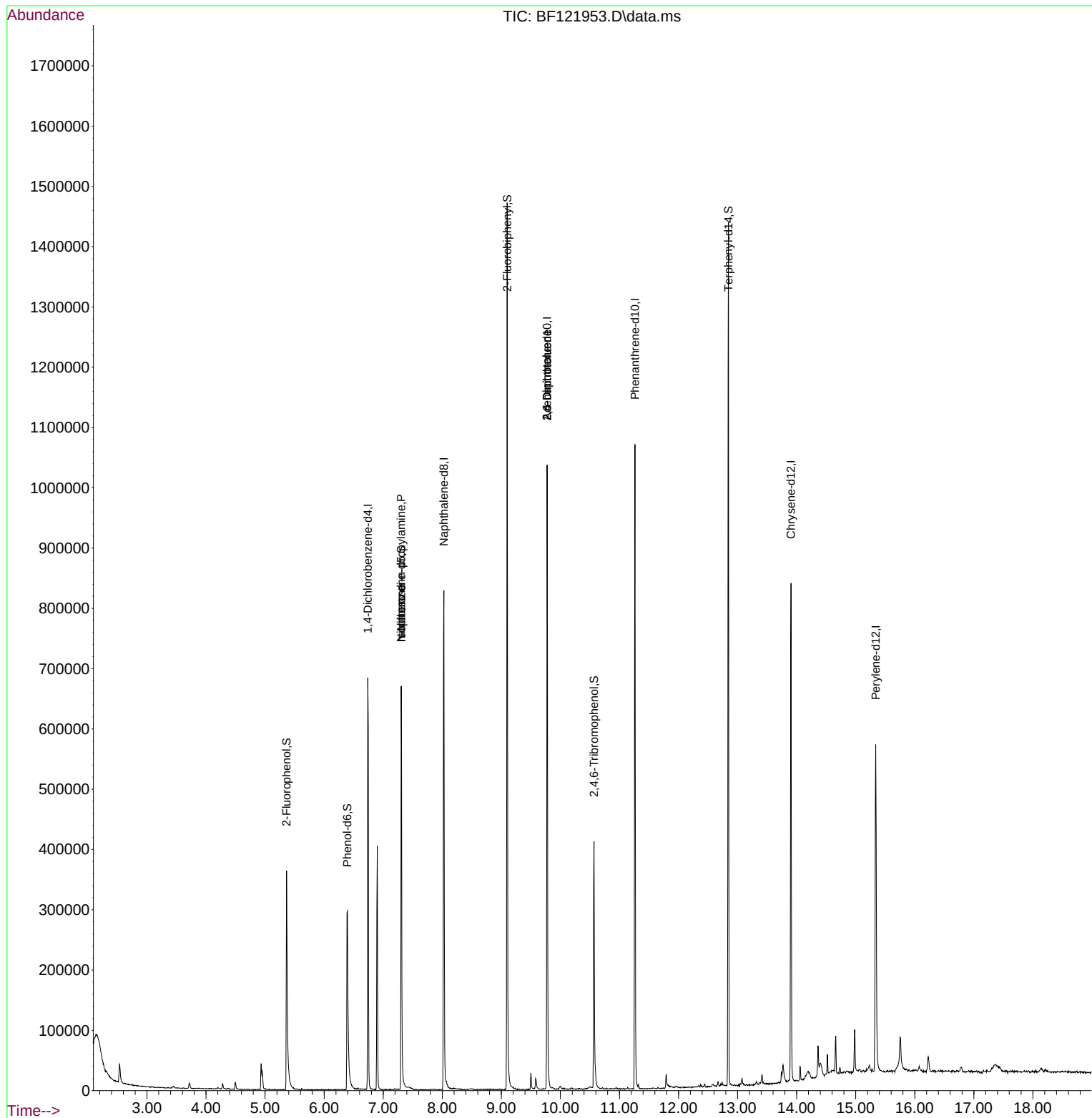
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	101933	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	405370	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	207857	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	389768	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	295919	20.00	ng	-0.01
86) Perylene-d12	15.339	264	231855	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	138954	20.12	ng	0.00
7) Phenol-d6	6.393	99	158641	17.84	ng	0.00
23) Nitrobenzene-d5	7.304	82	227978	28.84	ng	-0.02
42) 2,4,6-Tribromophenol	10.569	330	58669	22.82	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	434012	30.72	ng	-0.01
79) Terphenyl-d14	12.845	244	440079	28.34	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.393	77	107	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	7.304	70	29088	5.75	ng	# 82
25) Isophorone	7.304	82	227976	15.25	ng	# 67
51) 2,6-Dinitrotoluene	9.775	165	26398	7.92	ng	# 20
57) 2,4-Dinitrotoluene	9.775	165	26398	6.43	ng	# 20

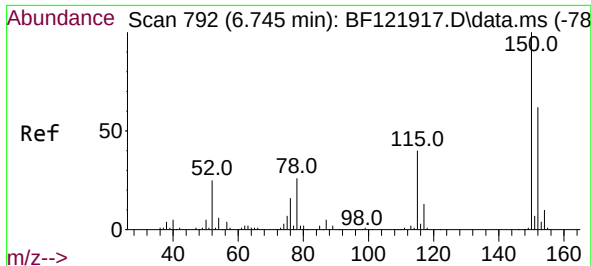
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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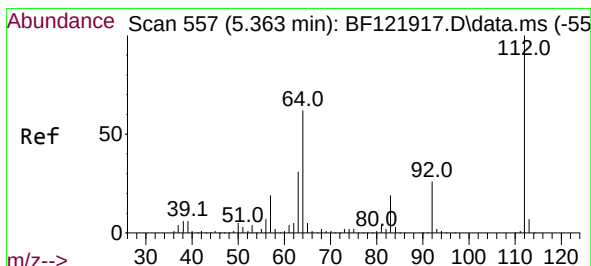
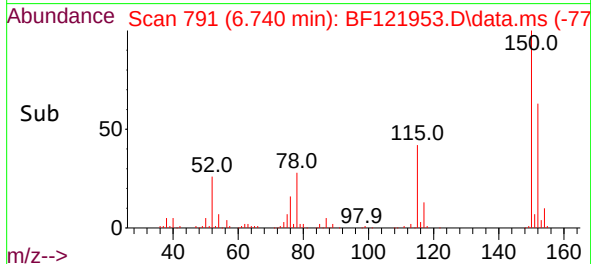
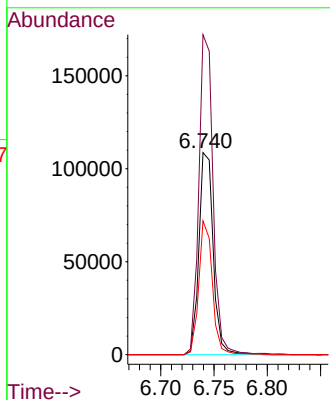
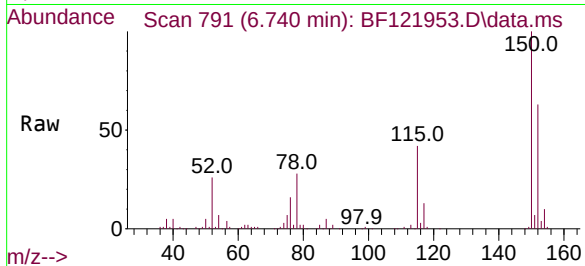




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

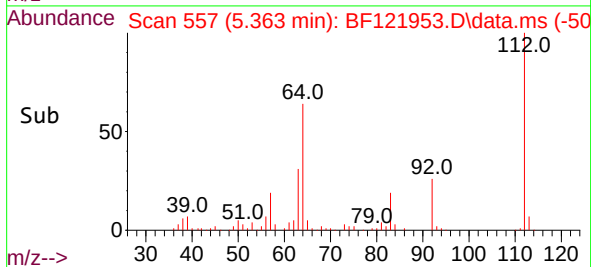
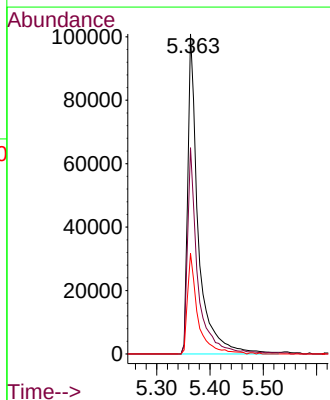
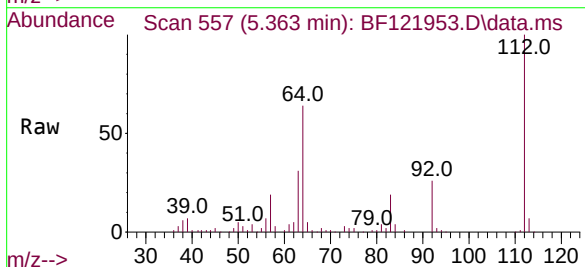
Instrument :
BNA_F
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SU-01-100920RE

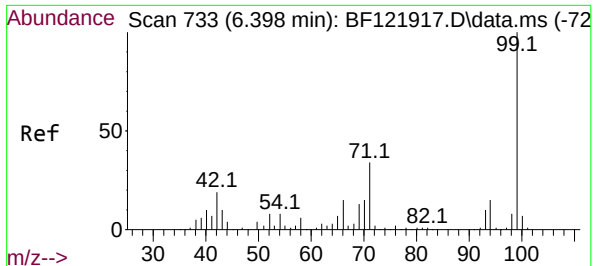
Tgt Ion:152 Resp: 101933
Ion Ratio Lower Upper
152 100
150 158.4 125.3 187.9
115 66.2 51.9 77.9



#5
2-Fluorophenol
Concen: 20.12 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

Tgt Ion:112 Resp: 138954
Ion Ratio Lower Upper
112 100
64 64.4 50.4 75.6
63 31.4 25.8 38.6

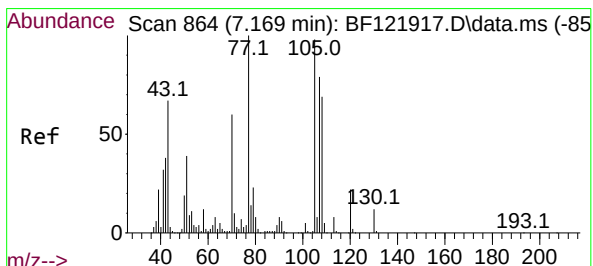
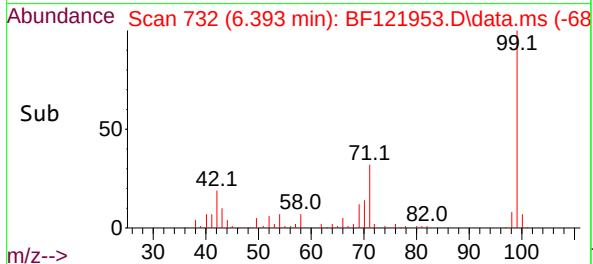
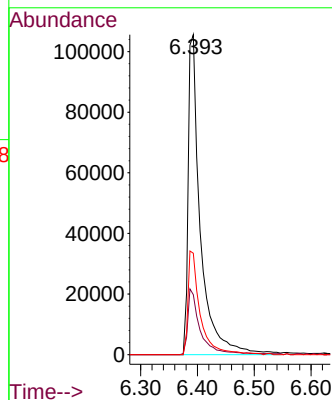
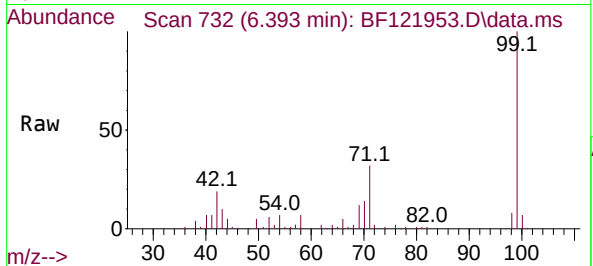




#7
Phenol-d6
Concen: 17.84 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

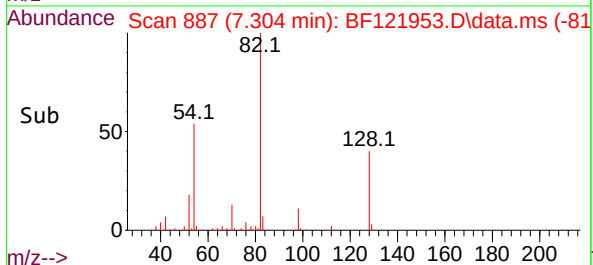
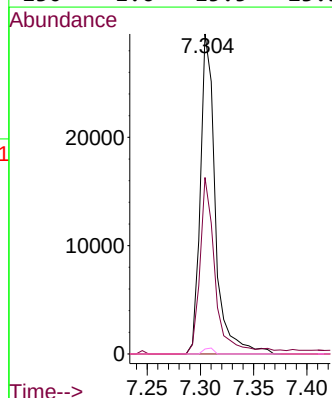
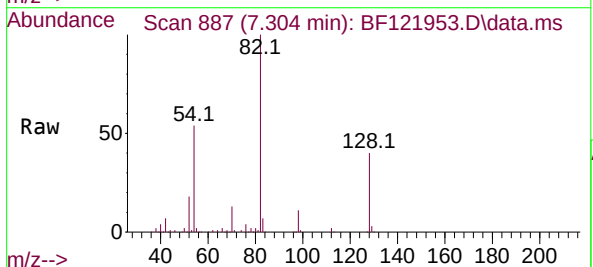
Instrument :
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ClientSampleId :
SU-01-100920RE

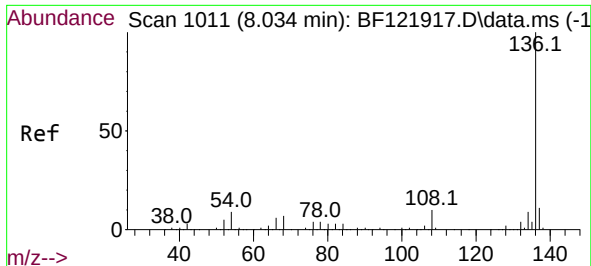
Tgt Ion: 99 Resp: 158641
Ion Ratio Lower Upper
99 100
42 18.8 15.9 23.9
71 31.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 5.75 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.135 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

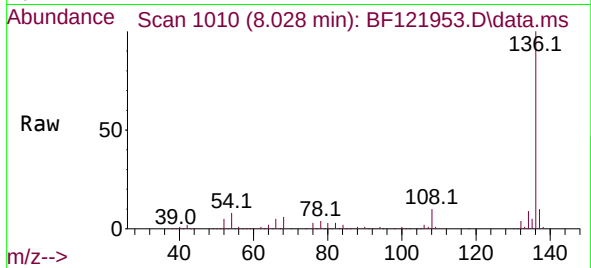
Tgt Ion: 70 Resp: 29088
Ion Ratio Lower Upper
70 100
42 55.2 50.2 75.4
101 0.0 7.5 11.3#
130 1.6 15.5 23.3#



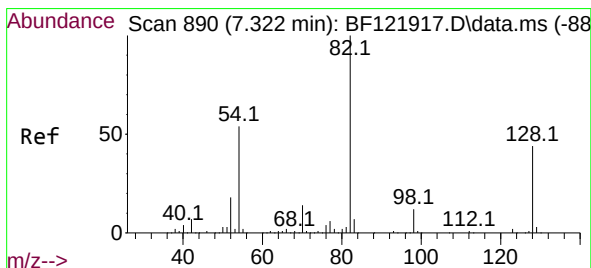
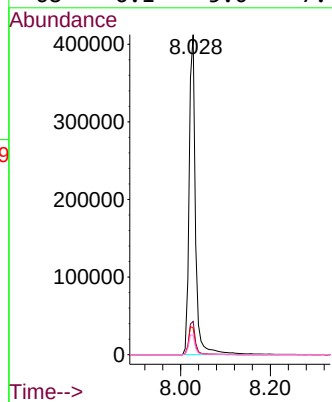
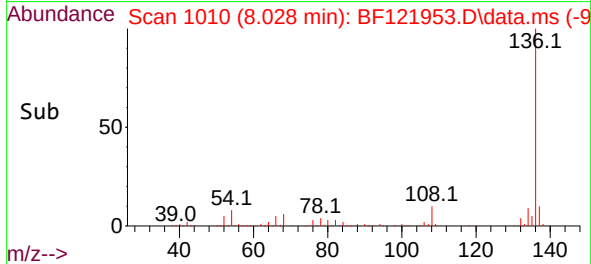


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

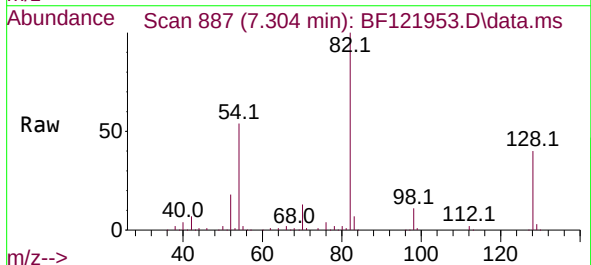
Instrument :
BNA_F
ClientSampleId :
SU-01-100920RE



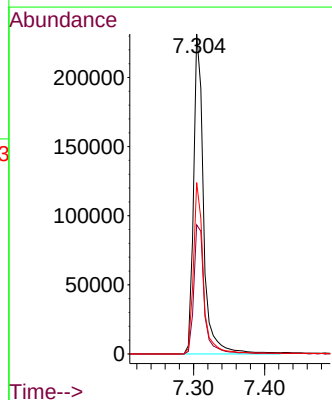
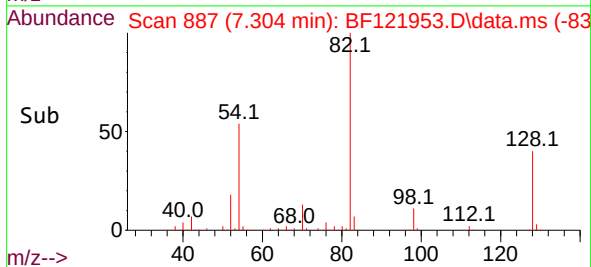
Tgt Ion:136 Resp: 405370
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.3 7.1 10.7
68 6.1 5.0 7.4

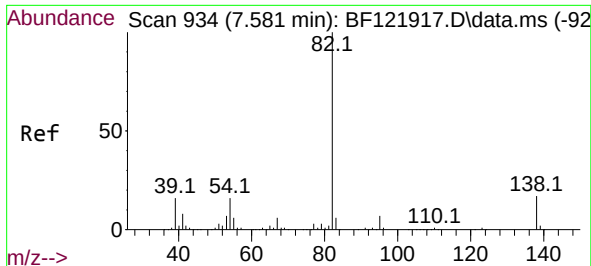


#23
Nitrobenzene-d5
Concen: 28.84 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.018 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04



Tgt Ion: 82 Resp: 227978
Ion Ratio Lower Upper
82 100
128 40.4 35.0 52.4
54 53.5 43.9 65.9

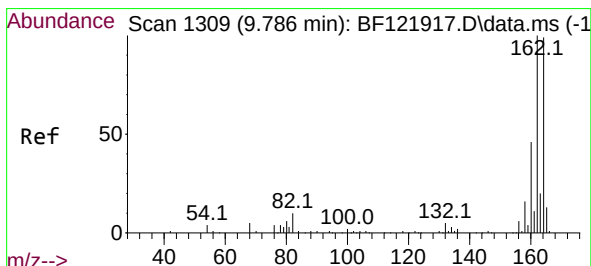
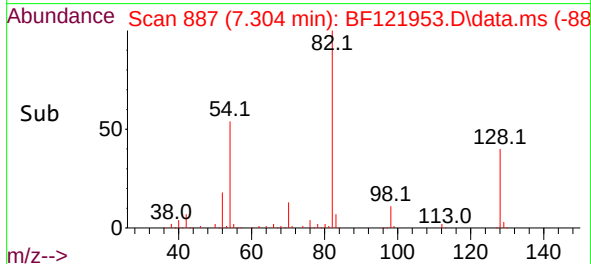
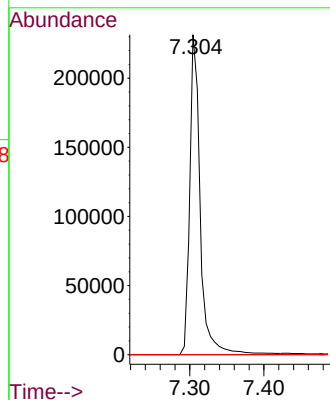
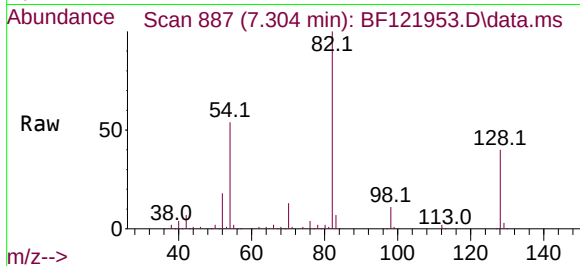




#25
Isophorone
Concen: 15.25 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.276 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

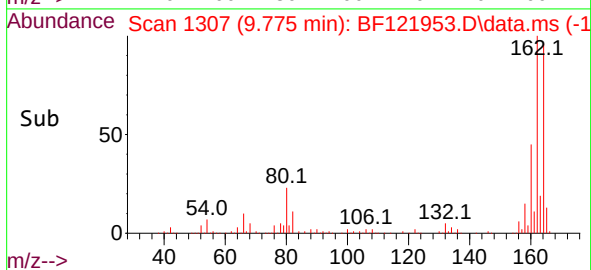
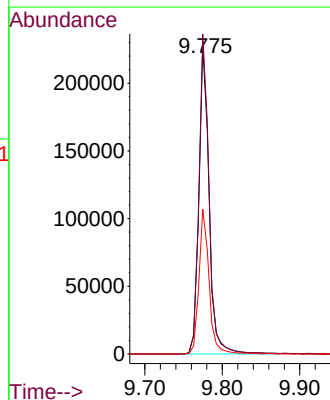
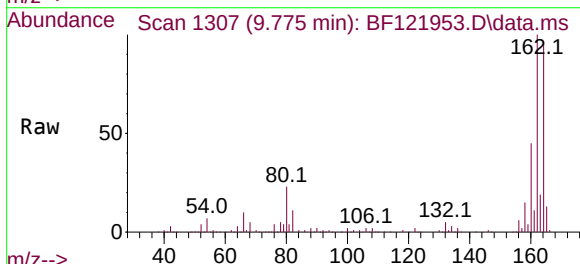
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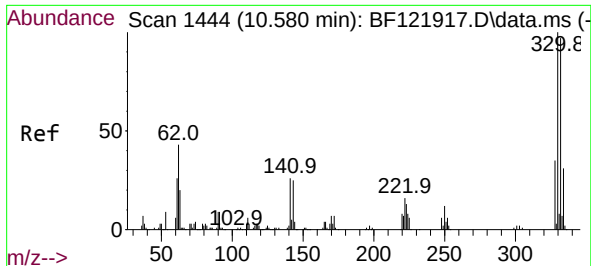
Tgt Ion: 82 Resp: 227976
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

Tgt Ion:164 Resp: 207857
Ion Ratio Lower Upper
164 100
162 103.9 83.2 124.8
160 47.1 37.5 56.3

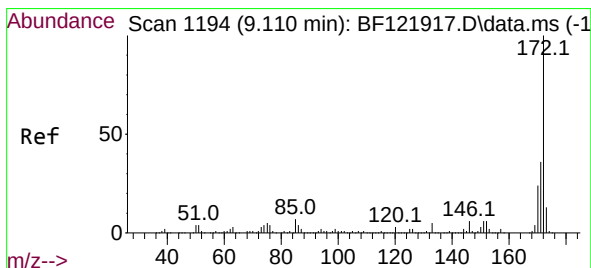
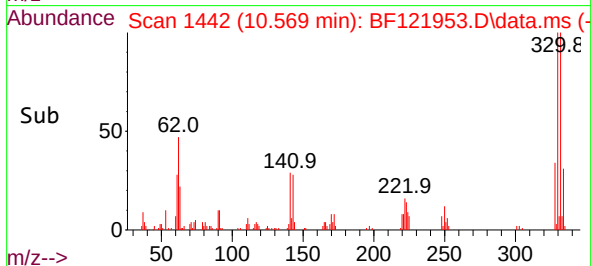
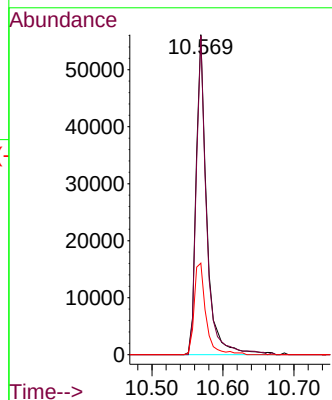
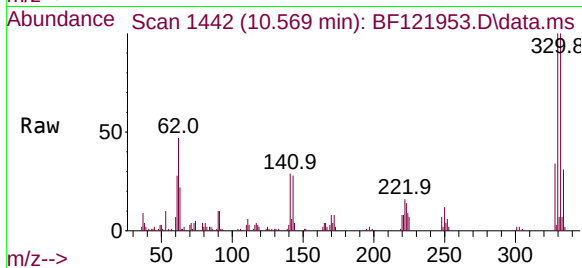




#42
2,4,6-Tribromophenol
Concen: 22.82 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

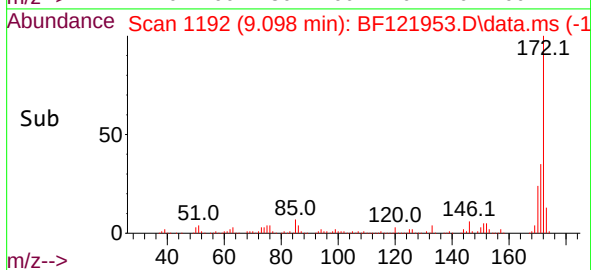
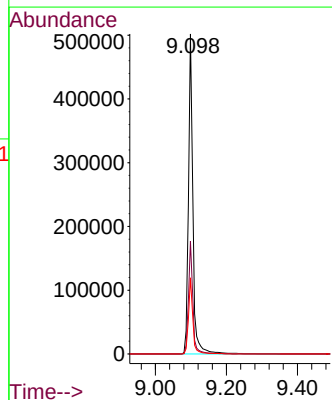
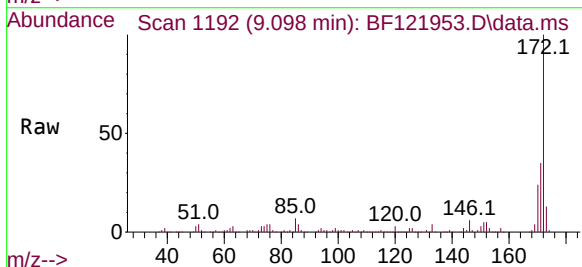
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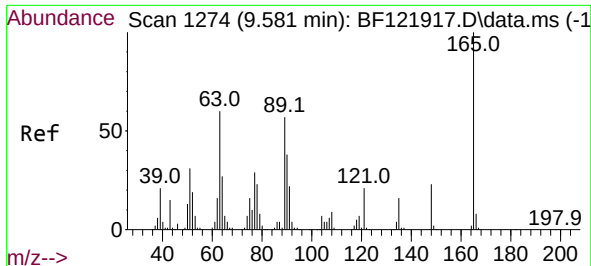
Tgt Ion:330 Resp: 58669
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 31.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 30.72 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

Tgt Ion:172 Resp: 434012
Ion Ratio Lower Upper
172 100
171 35.2 29.1 43.7
170 23.8 19.8 29.6

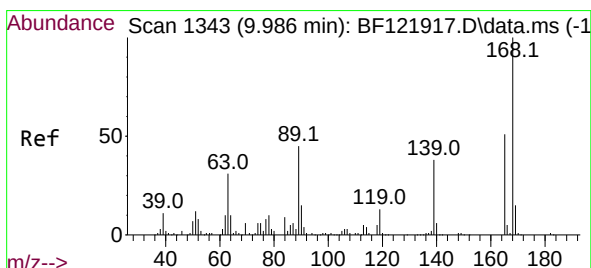
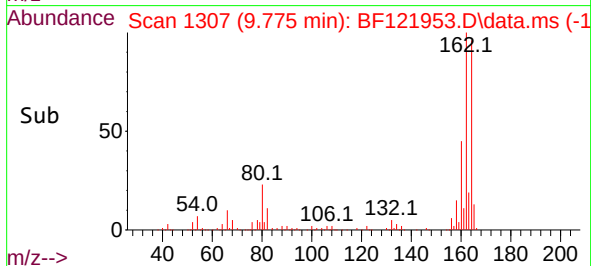
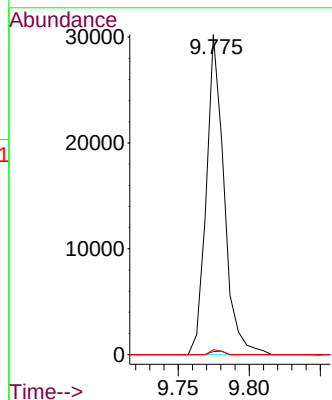
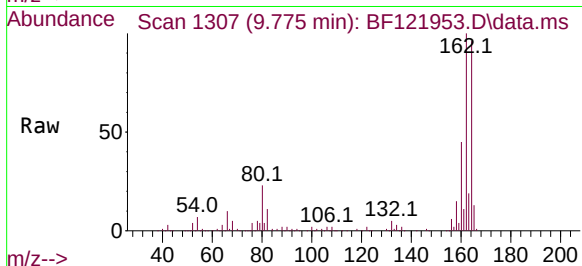




#51
2,6-Dinitrotoluene
Concen: 7.92 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

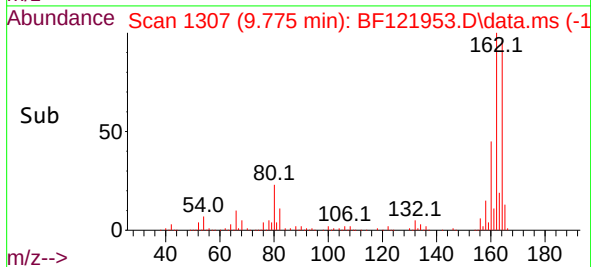
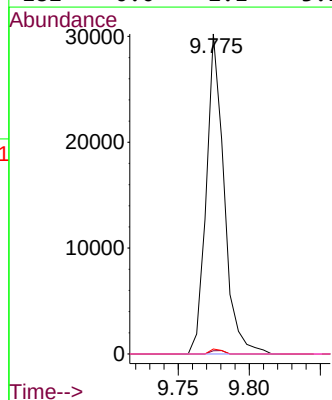
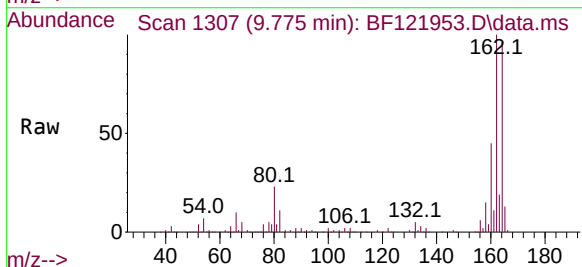
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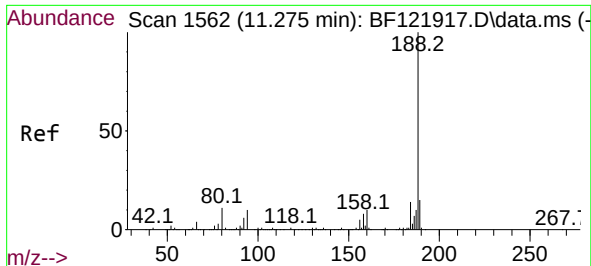
Tgt Ion:165 Resp: 26398
Ion Ratio Lower Upper
165 100
63 1.0 51.8 77.6#
89 1.5 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

Tgt Ion:165 Resp: 26398
Ion Ratio Lower Upper
165 100
63 1.0 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

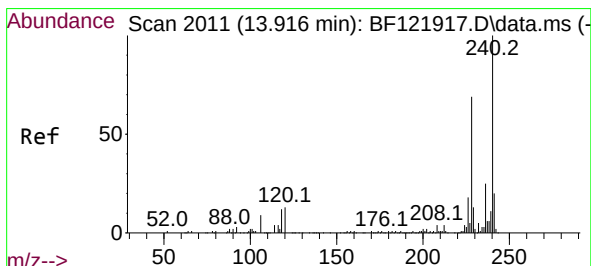
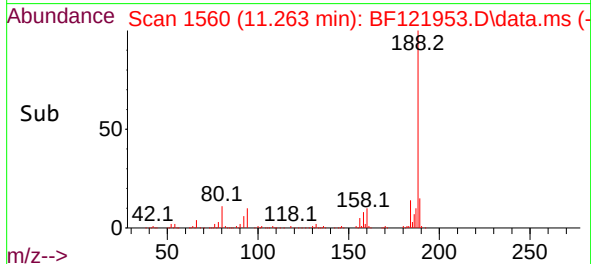
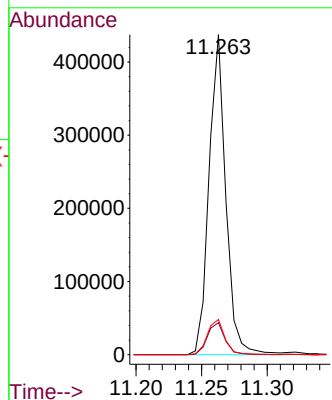
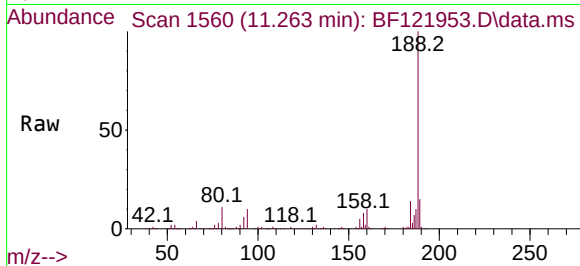




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

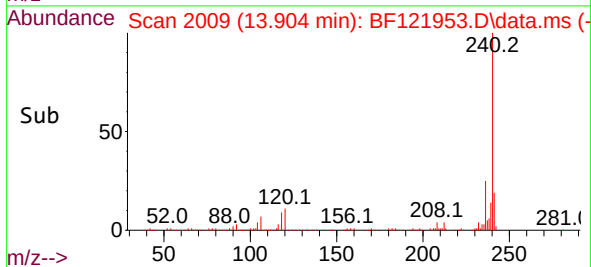
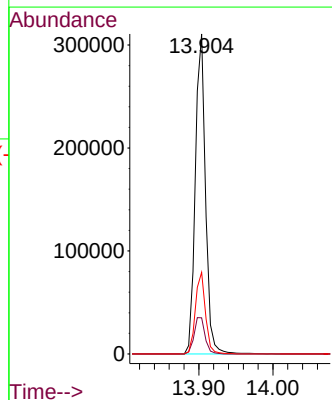
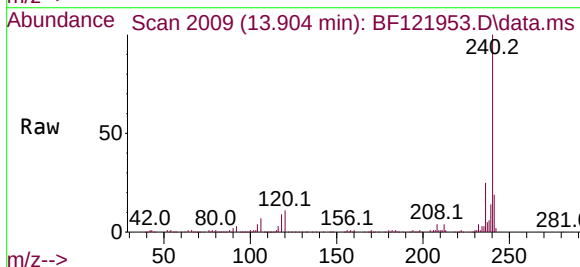
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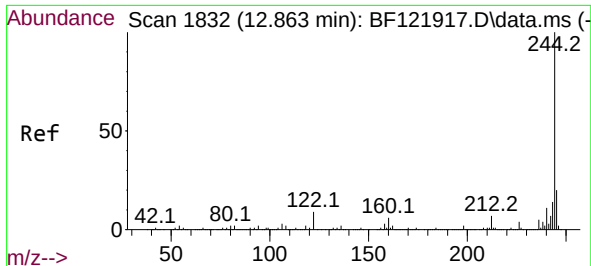
Tgt Ion:188 Resp: 389768
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 11.0 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

Tgt Ion:240 Resp: 295919
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.5 20.9 31.3

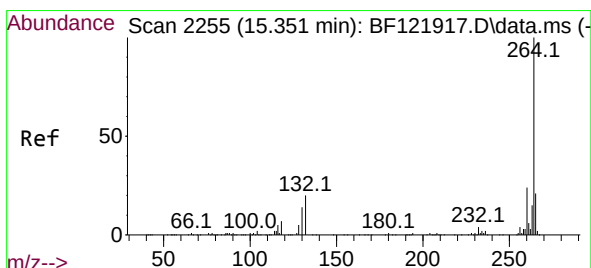
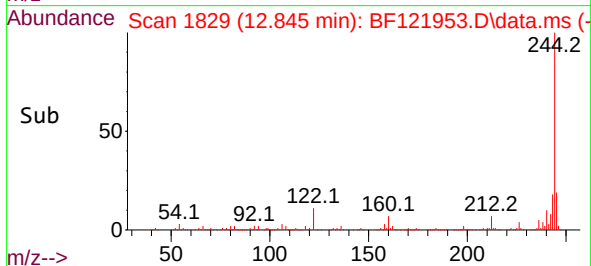
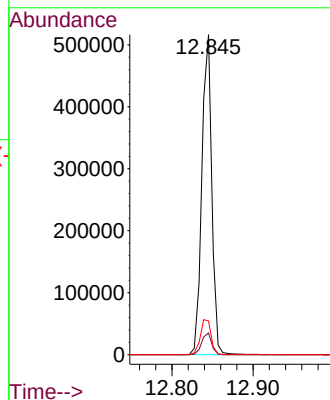
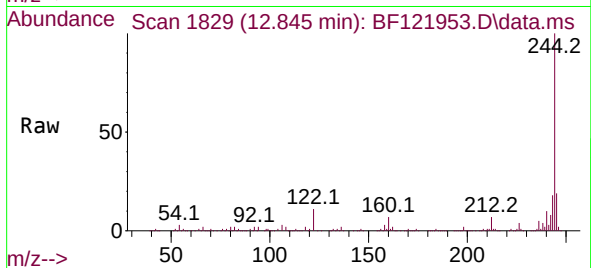




#79
Terphenyl-d14
Concen: 28.34 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.018 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

Instrument :
BNA_F
ClientSampleId :
SU-01-100920RE

Tgt Ion:244 Resp: 440079
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.5 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121953.D
Acq: 14 Oct 2020 12:04

Tgt Ion:264 Resp: 231855
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 20.9 17.3 25.9

