

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122041.D
 Acq On : 20 Oct 2020 21:12
 Operator : JU/CG
 Sample : L4391-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3

Quant Time: Oct 21 00:38:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

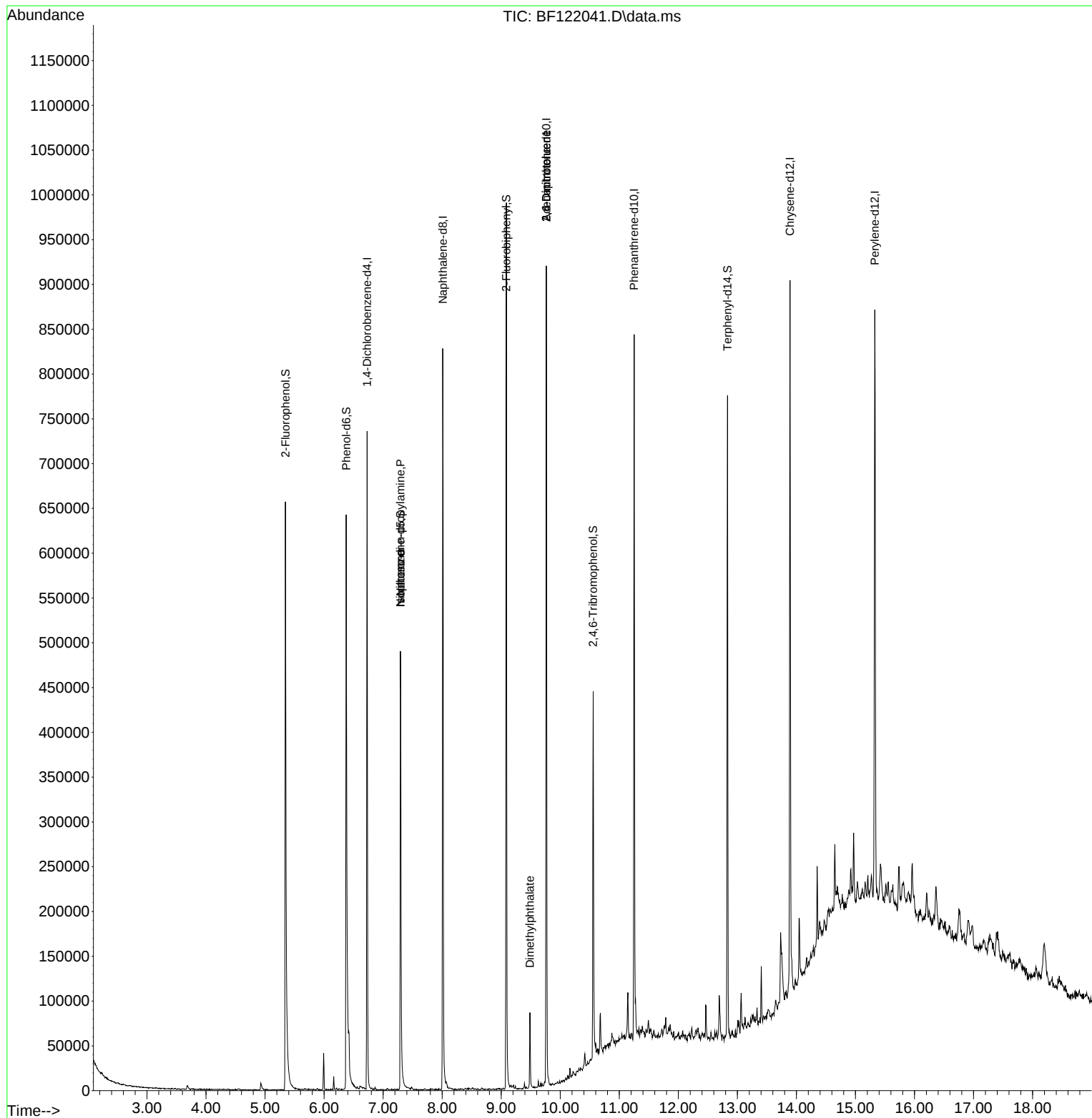
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	101074	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	388404	20.00	ng	-0.02
39) Acenaphthene-d10	9.763	164	171659	20.00	ng	-0.02
64) Phenanthrene-d10	11.251	188	267543	20.00	ng	-0.01
76) Chrysene-d12	13.892	240	258934	20.00	ng	-0.02
86) Perylene-d12	15.327	264	268531	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	224616	32.80	ng	-0.02
7) Phenol-d6	6.375	99	280046	31.77	ng	-0.02
23) Nitrobenzene-d5	7.292	82	185178	24.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.557	330	51865	24.42	ng	-0.02
45) 2-Fluorobiphenyl	9.086	172	290507	24.90	ng	-0.02
79) Terphenyl-d14	12.833	244	207159	15.25	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.375	77	310	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.292	70	24285	4.84	ng	# 80
25) Isophorone	7.292	82	185177	12.93	ng	# 67
50) Dimethylphthalate	9.486	163	33243	2.65	ng	99
51) 2,6-Dinitrotoluene	9.763	165	22234	8.08	ng	# 21
57) 2,4-Dinitrotoluene	9.763	165	22234	6.56	ng	# 21

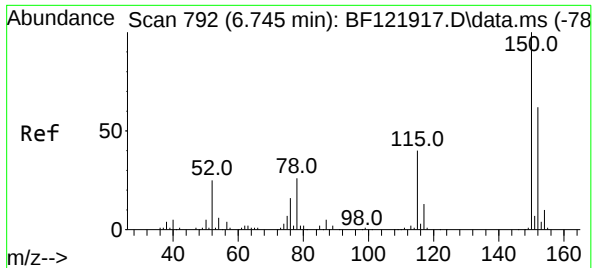
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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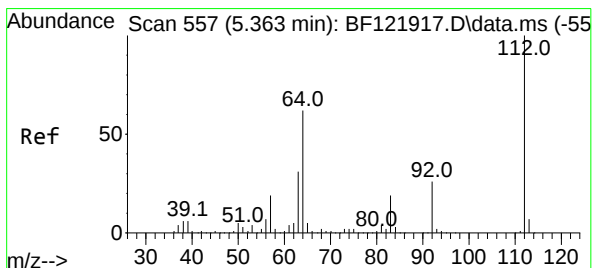
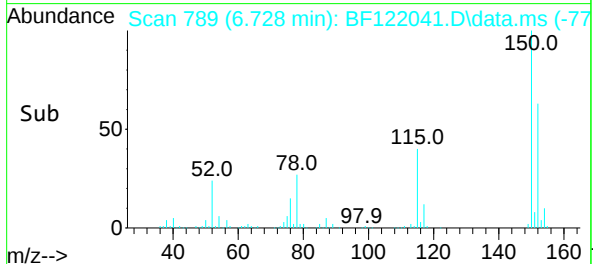
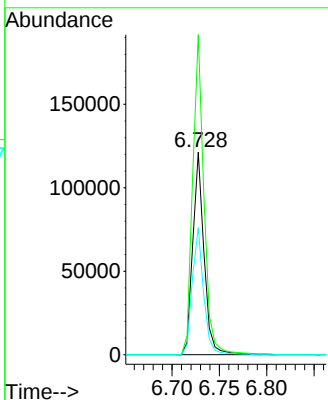
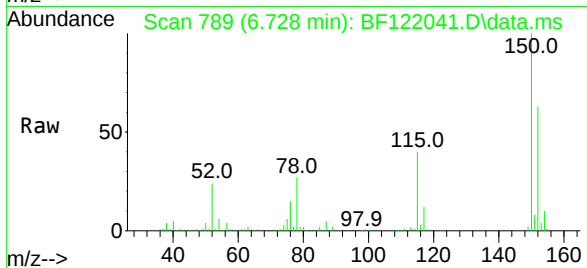




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.017 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

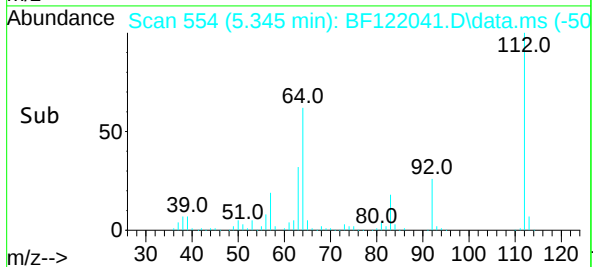
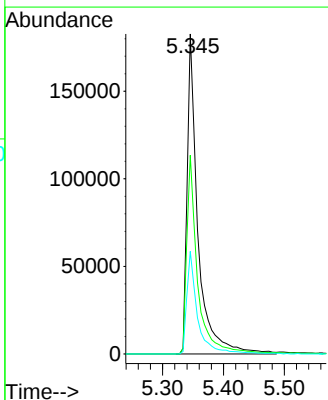
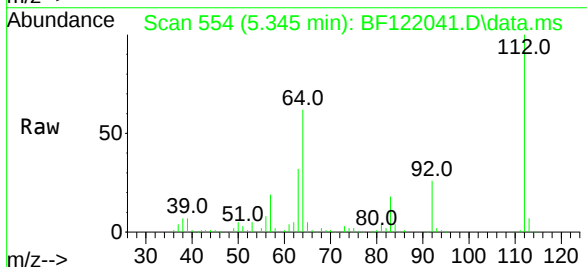
Instrument :
BNA_F
ClientSampleId :
S3

Tgt Ion:152 Resp: 101074
Ion Ratio Lower Upper
152 100
150 158.1 125.3 187.9
115 62.8 51.9 77.9



#5
2-Fluorophenol
Concen: 32.80 ng
RT: 5.345 min Scan# 554
Delta R.T. -0.018 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

Tgt Ion:112 Resp: 224616
Ion Ratio Lower Upper
112 100
64 62.1 50.4 75.6
63 32.1 25.8 38.6

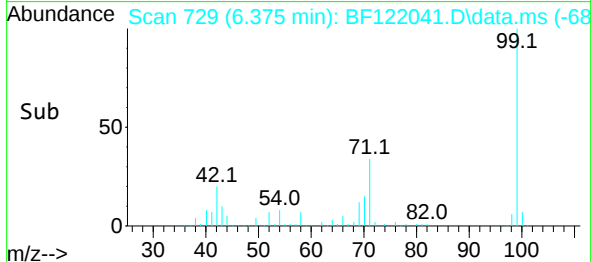
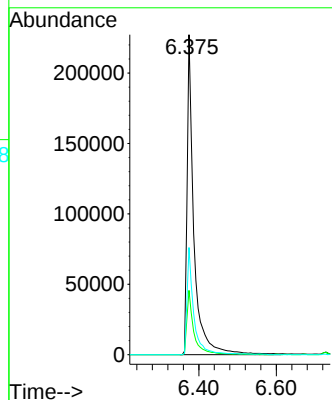
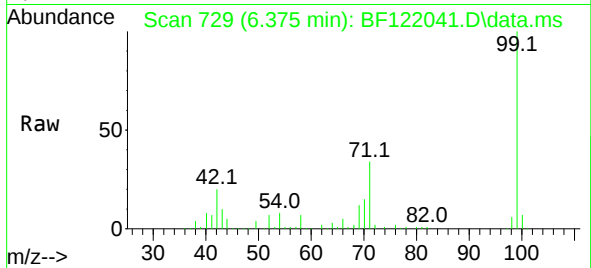




#7
Phenol-d6
Concen: 31.77 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.018 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

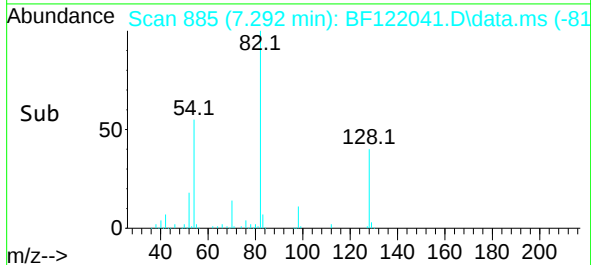
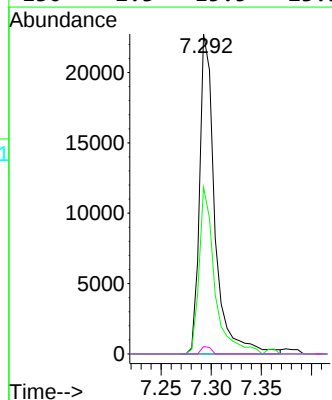
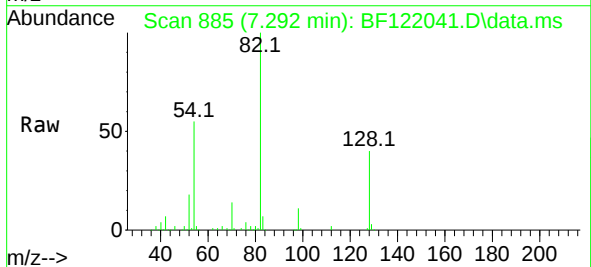
Instrument :
BNA_F
ClientSampled :
S3

Tgt Ion: 99 Resp: 280046
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 33.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 4.84 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.129 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

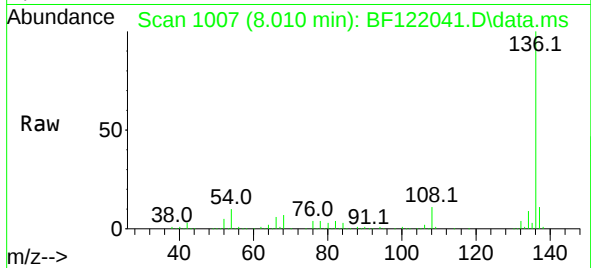
Tgt Ion: 70 Resp: 24285
Ion Ratio Lower Upper
70 100
42 52.1 50.2 75.4
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#



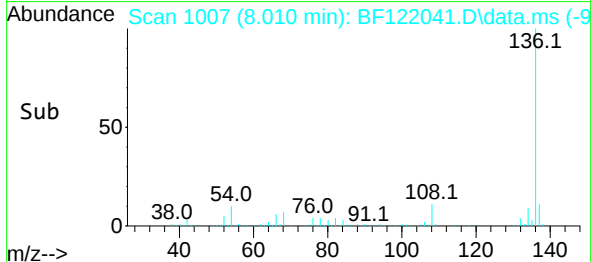
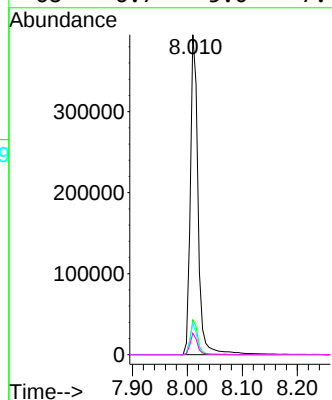


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

Instrument :
BNA_F
ClientSampled :
S3

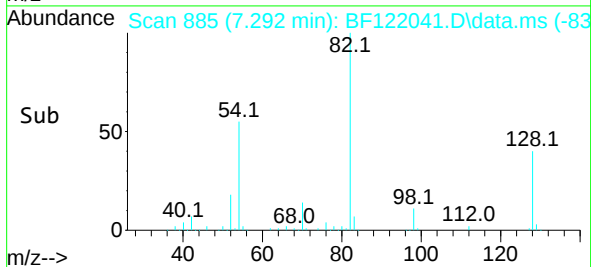
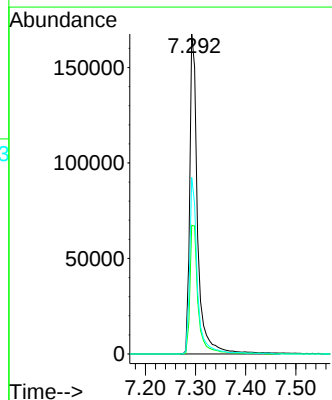
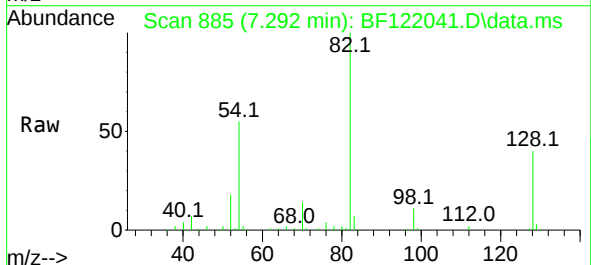


Tgt Ion:136 Resp: 388404
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.9 7.1 10.7
68 6.7 5.0 7.4



#23
Nitrobenzene-d5
Concen: 24.45 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.024 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

Tgt Ion: 82 Resp: 185178
Ion Ratio Lower Upper
82 100
128 40.2 35.0 52.4
54 55.1 43.9 65.9

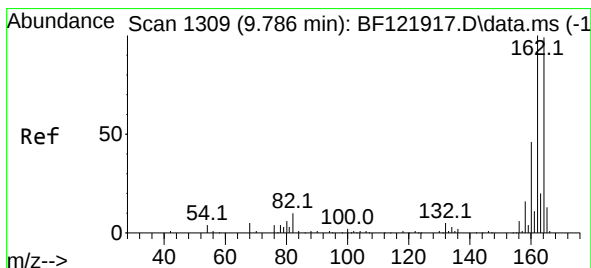
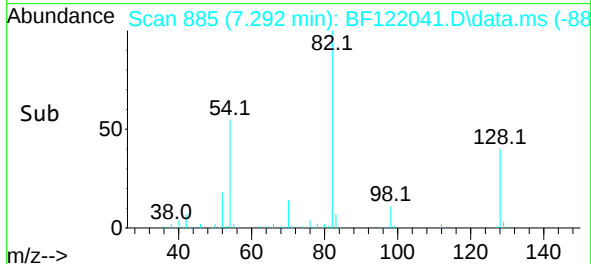
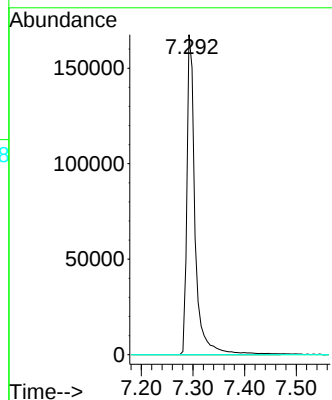
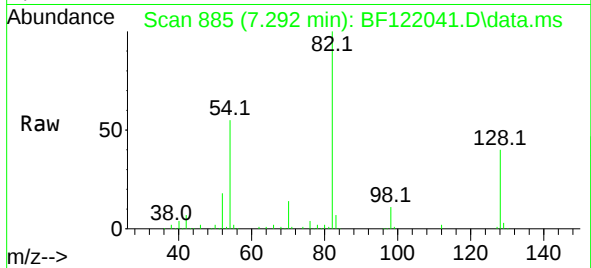




#25
Isophorone
Concen: 12.93 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.282 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

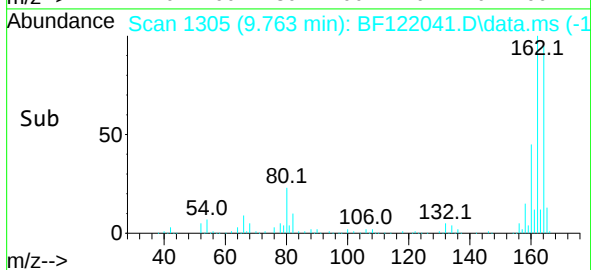
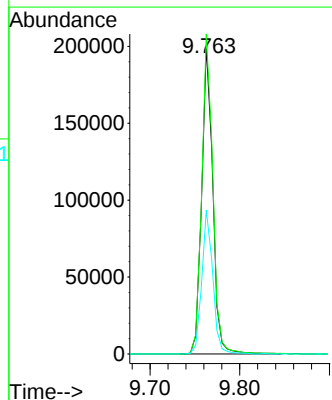
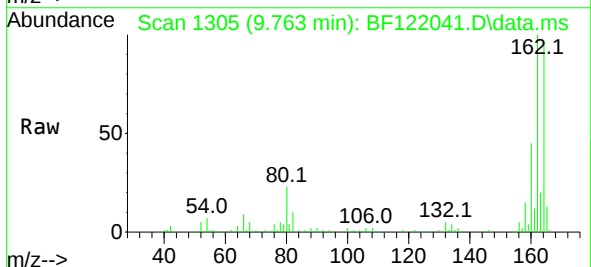
Instrument :
BNA_F
ClientSampleId :
S3

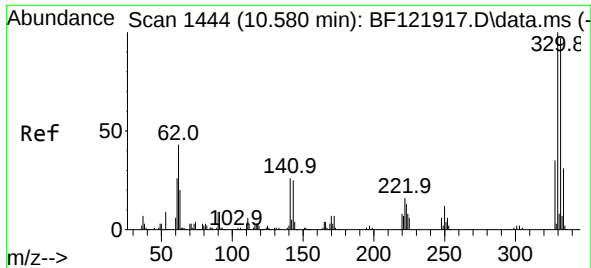
Tgt Ion: 82 Resp: 185177
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

Tgt Ion:164 Resp: 171659
Ion Ratio Lower Upper
164 100
162 104.3 83.2 124.8
160 46.9 37.5 56.3

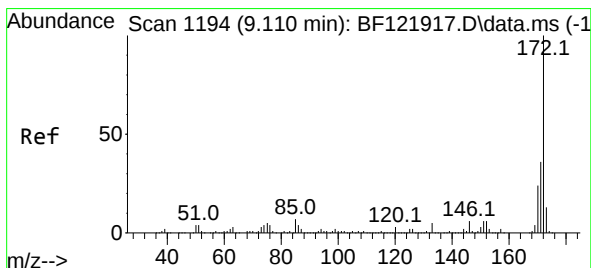
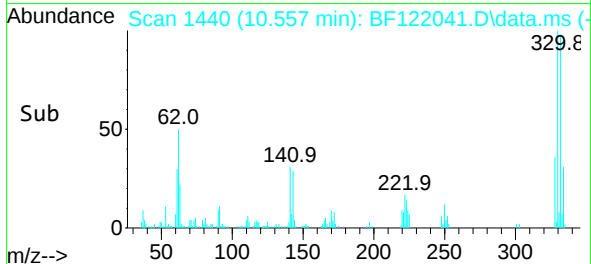
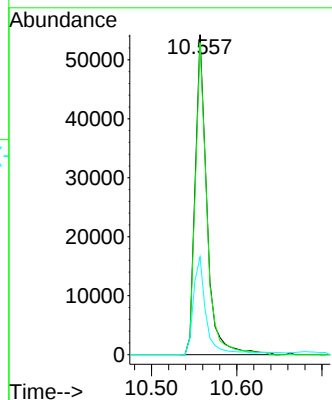
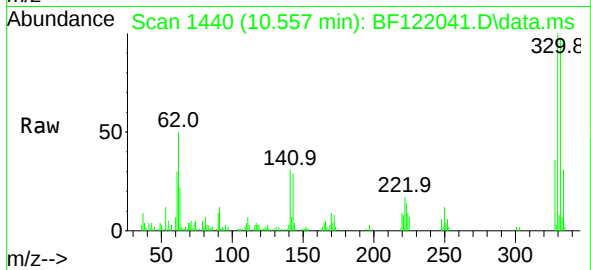




#42
2,4,6-Tribromophenol
Concen: 24.42 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

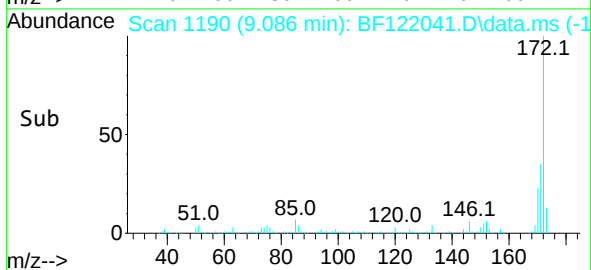
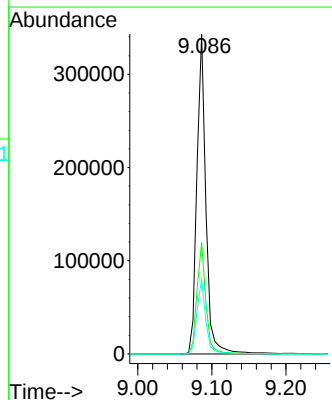
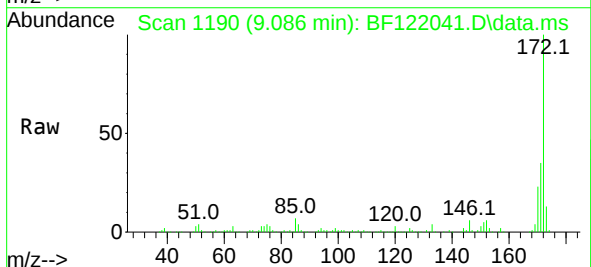
Instrument :
BNA_F
ClientSampled :
S3

Tgt Ion: 330 Resp: 51865
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 32.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 24.90 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.018 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

Tgt Ion: 172 Resp: 290507
Ion Ratio Lower Upper
172 100
171 34.8 29.1 43.7
170 23.4 19.8 29.6

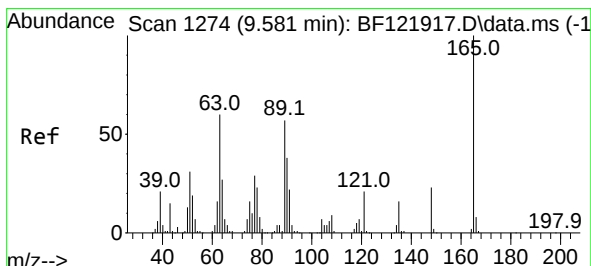
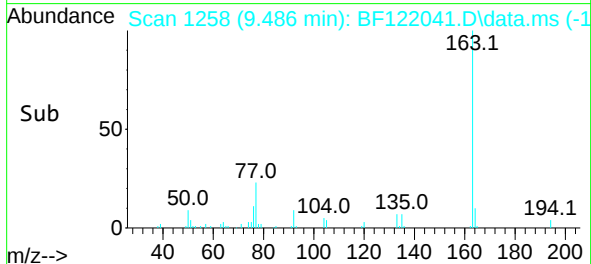
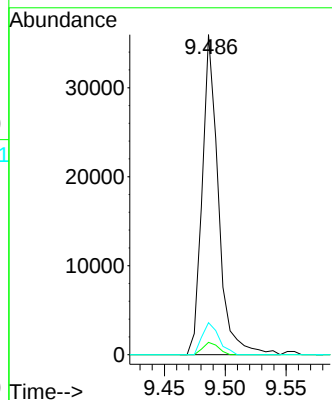
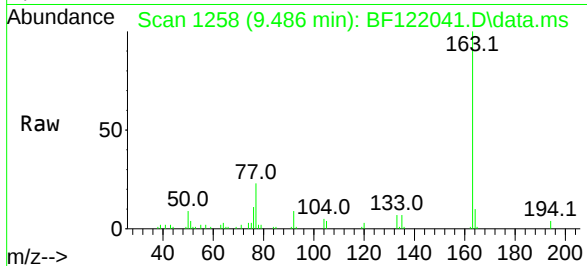




#50
Dimethylphthalate
Concen: 2.65 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.018 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

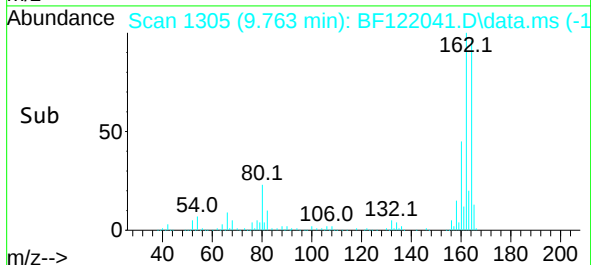
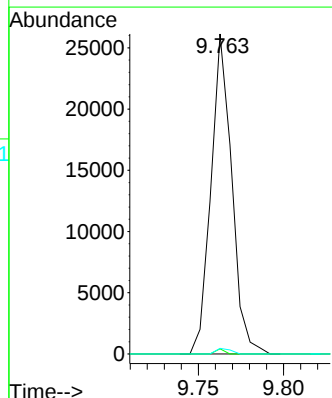
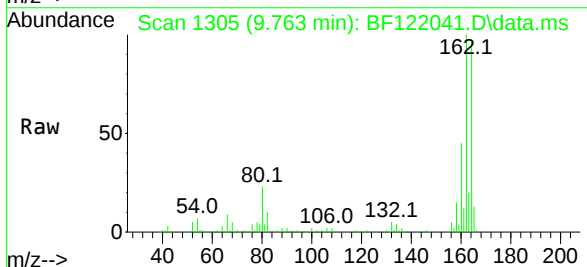
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BNA_F
ClientSampleId :
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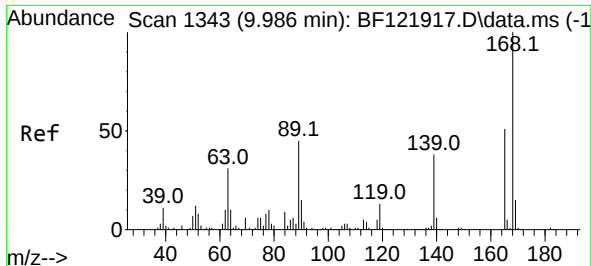
Tgt Ion:163 Resp: 33243
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 8.08 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.188 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

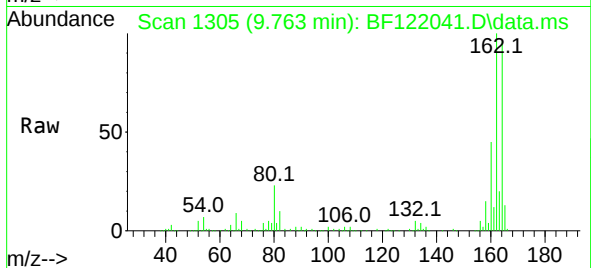
Tgt Ion:165 Resp: 22234
Ion Ratio Lower Upper
165 100
63 1.6 51.8 77.6#
89 1.8 49.0 73.6#



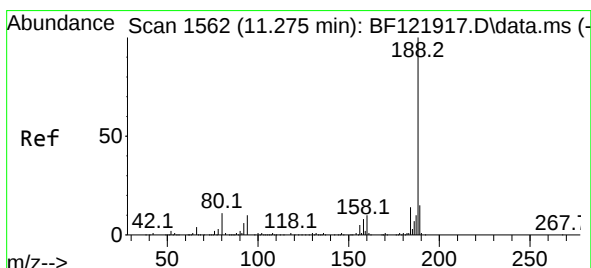
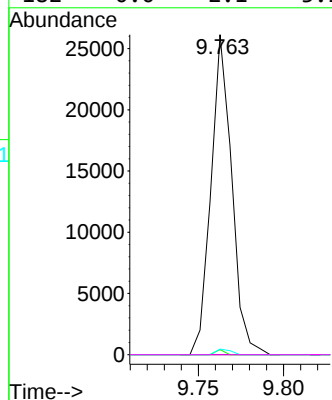
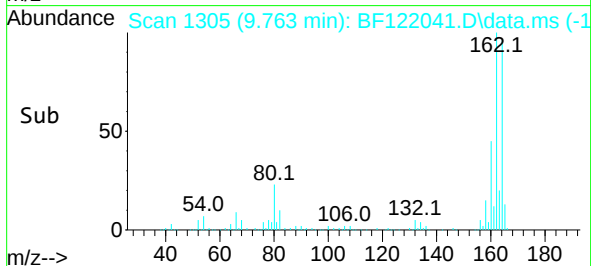


#57
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.224 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

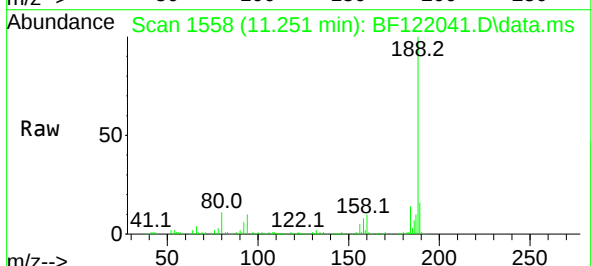
Instrument :
BNA_F
ClientSampled :
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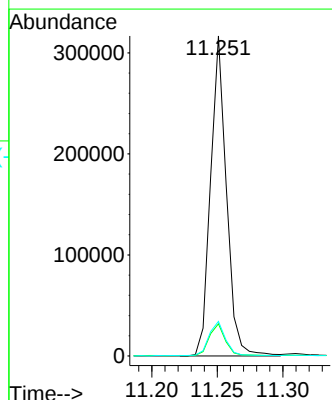
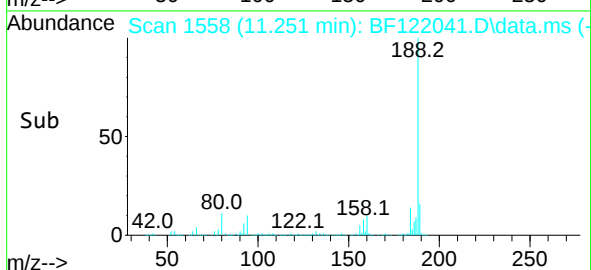
Tgt Ion:165 Resp: 22234
Ion Ratio Lower Upper
165 100
63 1.6 41.3 61.9#
89 1.8 61.8 92.8#
182 0.0 2.1 3.1#

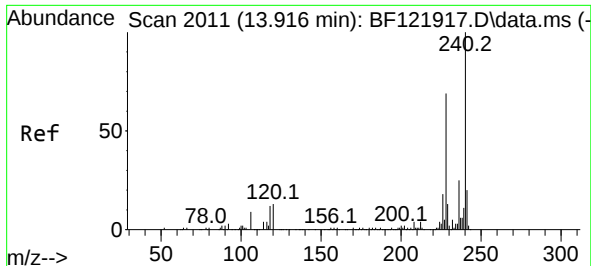


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12



Tgt Ion:188 Resp: 267543
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.8 9.1 13.7

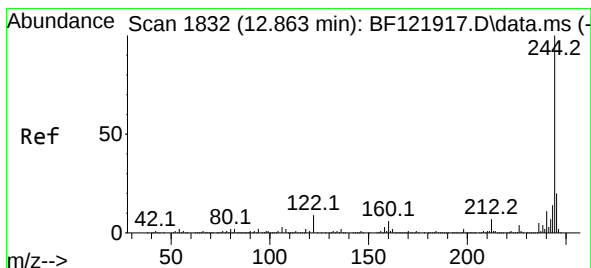
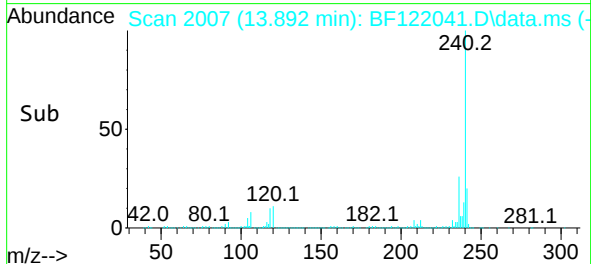
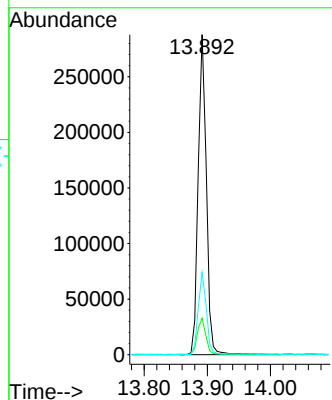
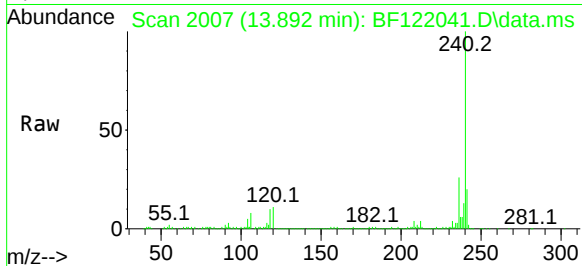




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

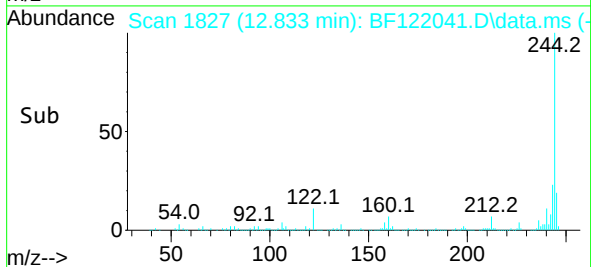
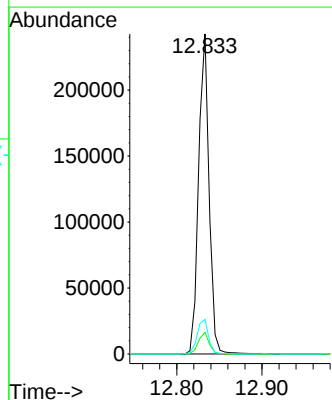
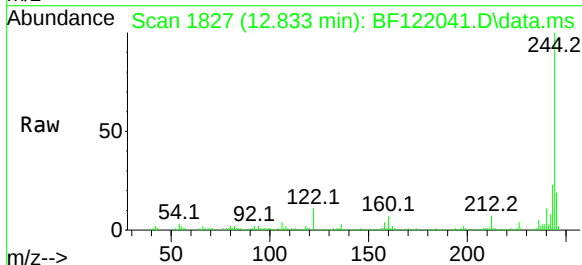
Instrument :
BNA_F
ClientSampled :
S3

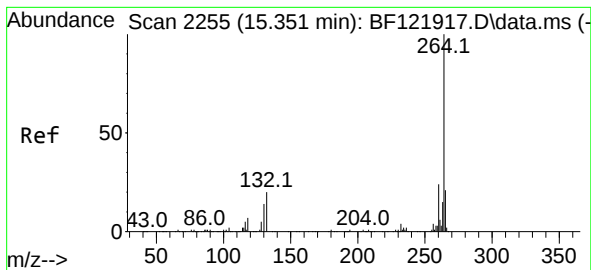
Tgt Ion:240 Resp: 258934
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 15.25 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.018 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

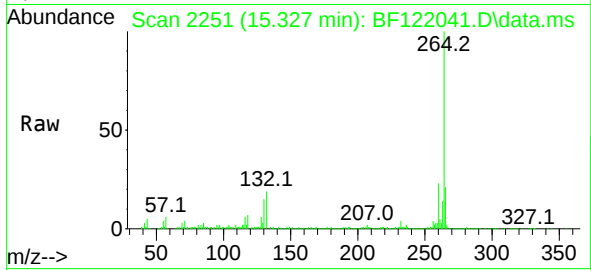
Tgt Ion:244 Resp: 207159
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.8 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. -0.012 min
Lab File: BF122041.D
Acq: 20 Oct 2020 21:12

Instrument :
BNA_F
ClientSampleId :
S3



Tgt Ion:264 Resp: 268531

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.0	17.3	25.9

