

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
 Data File : BF122007.D
 Acq On : 16 Oct 2020 12:26
 Operator : JU/CG
 Sample : PB132380BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132380BL

Quant Time: Oct 16 13:29:14 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)

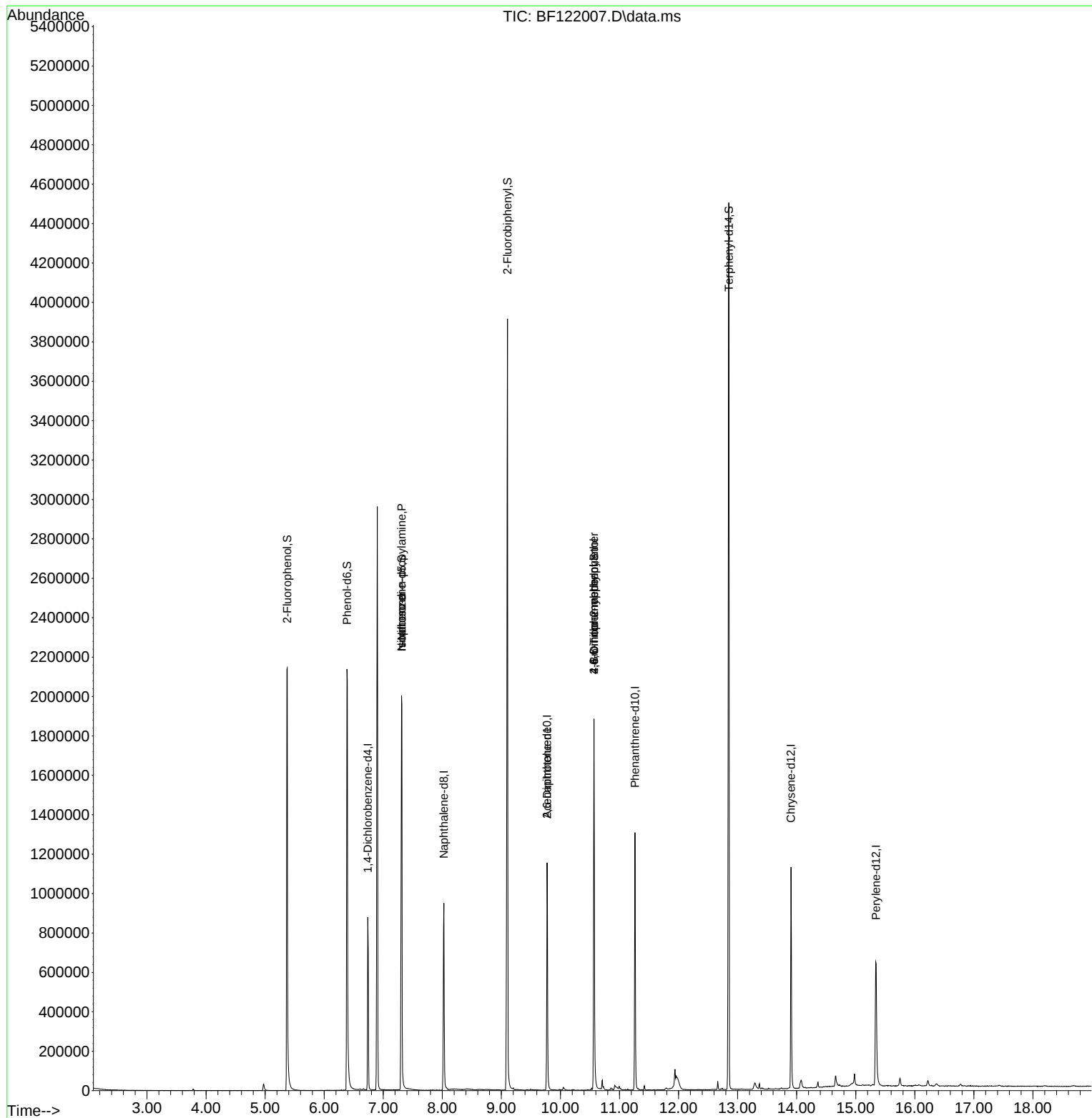
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	127517	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	486971	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	255805	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	486413	20.00	ng	0.00
76) Chrysene-d12	13.904	240	402411	20.00	ng	0.00
86) Perylene-d12	15.345	264	336608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	672005	77.78	ng	0.01
7) Phenol-d6	6.387	99	848011	76.25	ng	0.00
23) Nitrobenzene-d5	7.310	82	826545	87.05	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	262052	82.81	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1411966	81.21	ng	0.00
79) Terphenyl-d14	12.851	244	1731589	82.01	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.392	77	1080	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	110362	17.43	ng	# 81
25) Isophorone	7.310	82	816887	45.50	ng	# 67
51) 2,6-Dinitrotoluene	9.775	165	33051	8.06	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	532	4.58	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	15514	2.76	ng	# 1

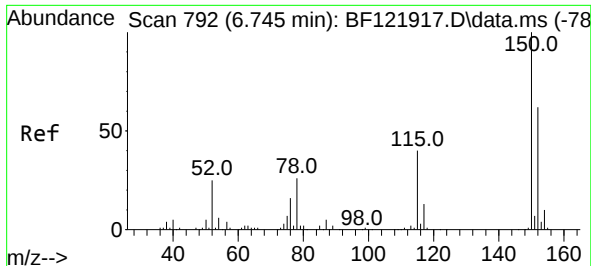
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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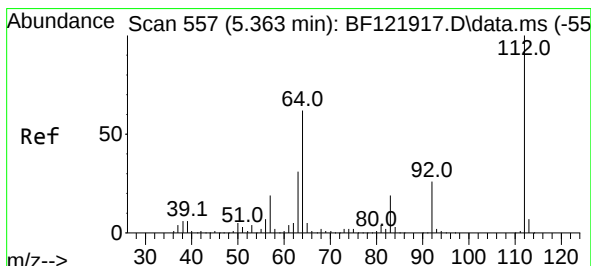
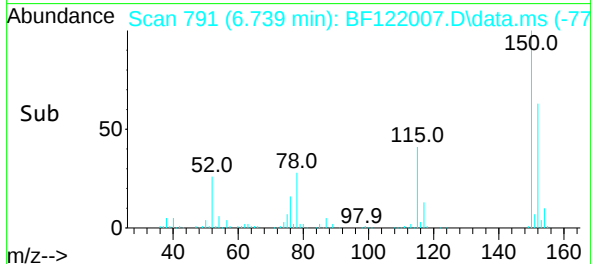
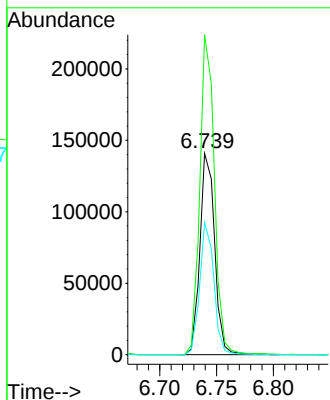
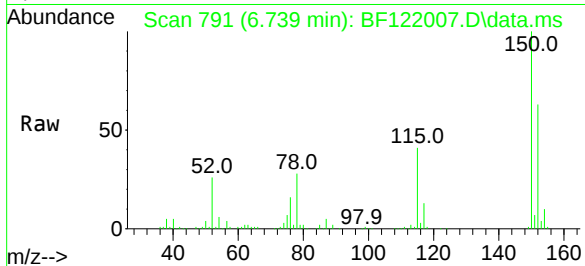




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

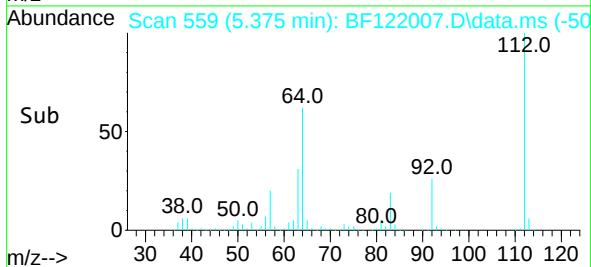
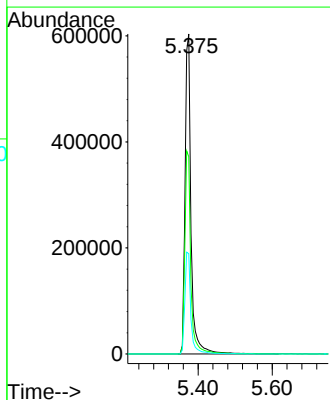
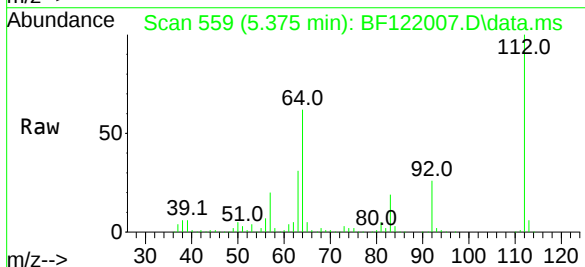
Instrument :
BNA_F
ClientSampleId :
PB132380BL

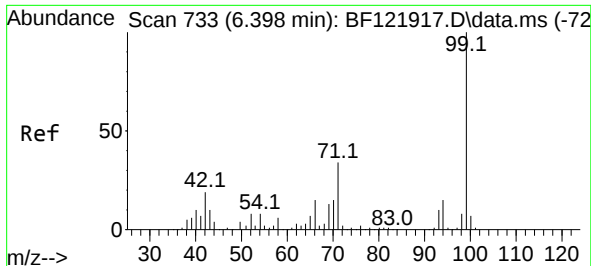
Tgt Ion:152 Resp: 127517
Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 65.6 51.9 77.9



#5
2-Fluorophenol
Concen: 77.78 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

Tgt Ion:112 Resp: 672005
Ion Ratio Lower Upper
112 100
64 61.6 50.4 75.6
63 31.4 25.8 38.6

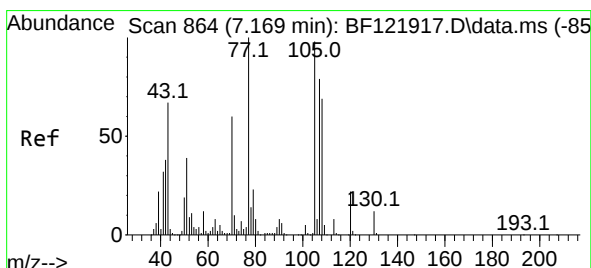
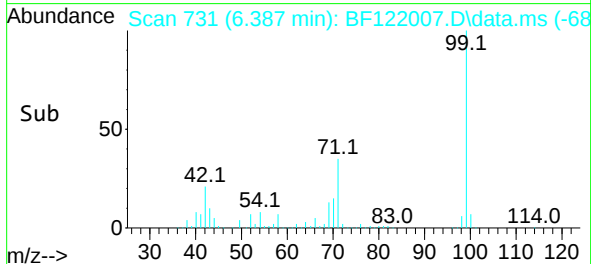
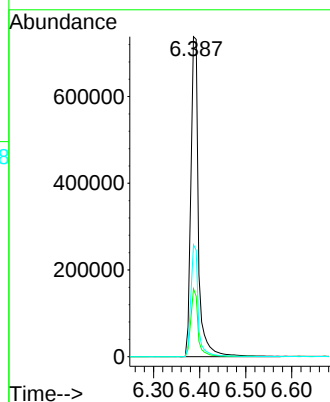
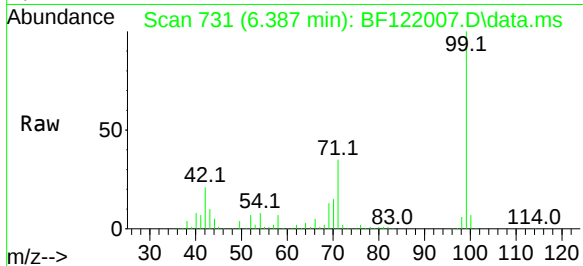




#7
Phenol-d6
Concen: 76.25 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

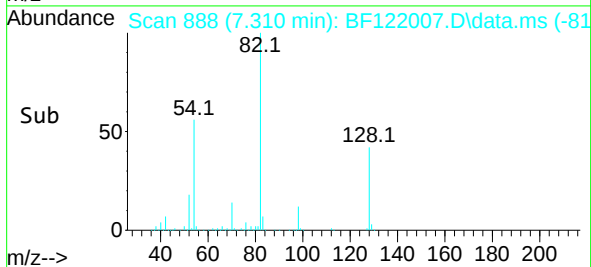
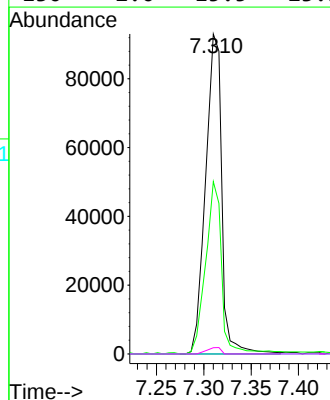
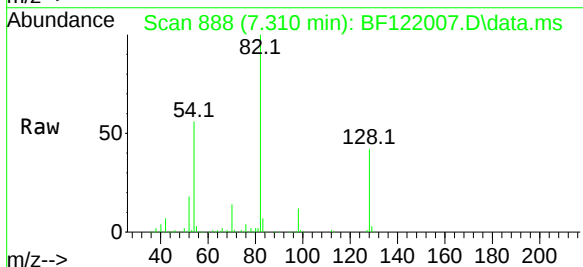
Instrument :
BNA_F
ClientSampleId :
PB132380BL

Tgt Ion: 99 Resp: 848011
Ion Ratio Lower Upper
99 100
42 21.2 15.9 23.9
71 34.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.43 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

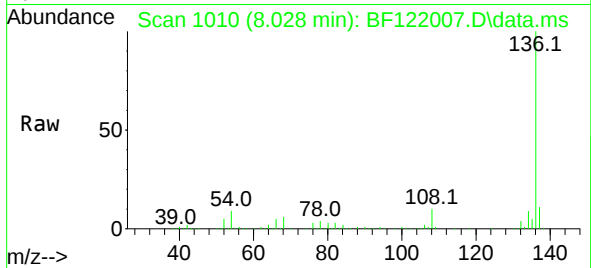
Tgt Ion: 70 Resp: 110362
Ion Ratio Lower Upper
70 100
42 53.8 50.2 75.4
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



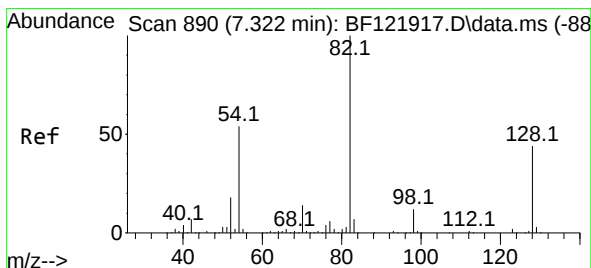
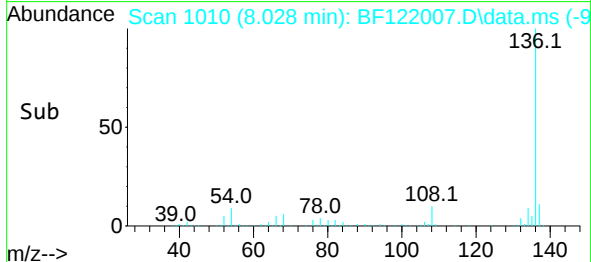
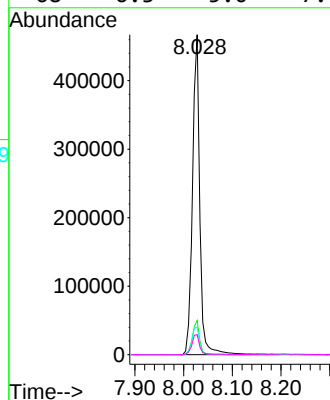


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

Instrument :
BNA_F
ClientSampleId :
PB132380BL

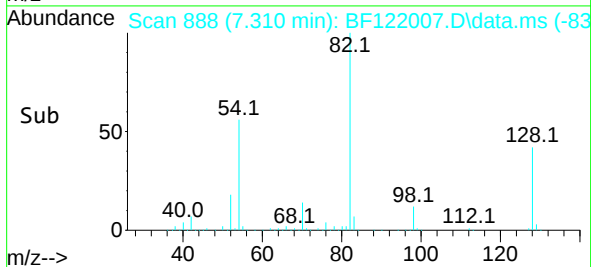
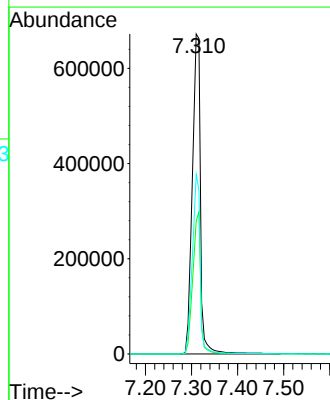
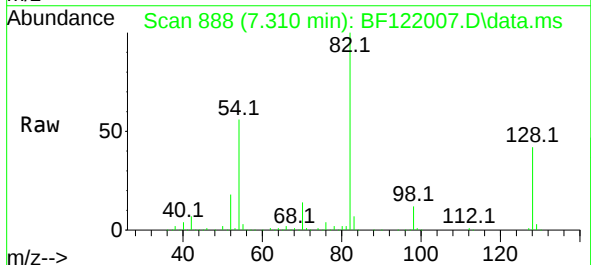


Tgt Ion:136 Resp: 486971
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 7.1 10.7
68 6.3 5.0 7.4



#23
Nitrobenzene-d5
Concen: 87.05 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

Tgt Ion: 82 Resp: 826545
Ion Ratio Lower Upper
82 100
128 41.6 35.0 52.4
54 56.2 43.9 65.9

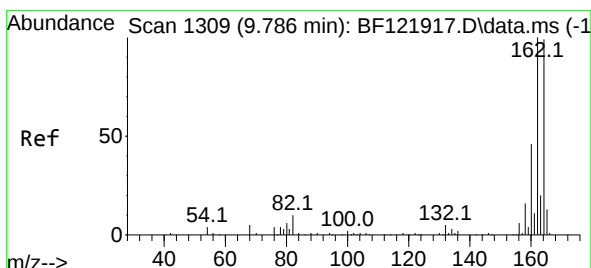
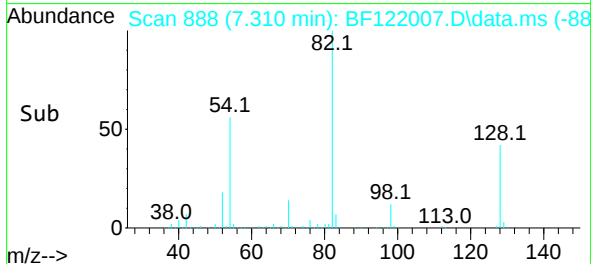
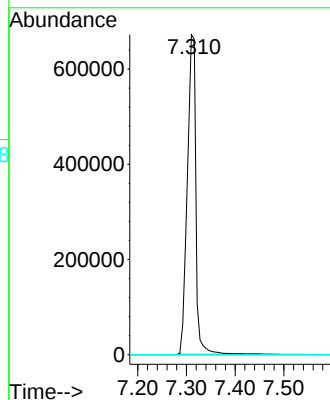
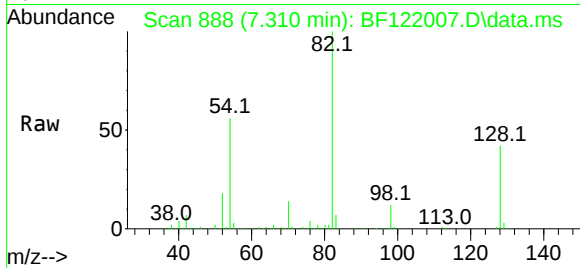




#25
Isophorone
Concen: 45.50 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.265 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

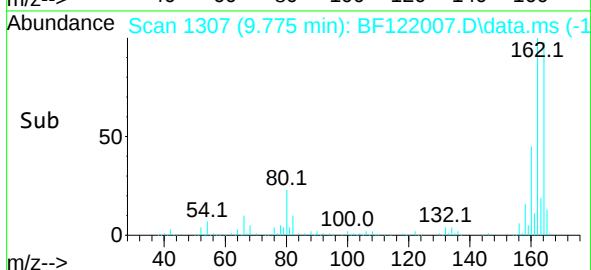
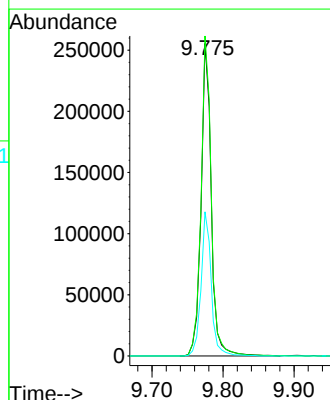
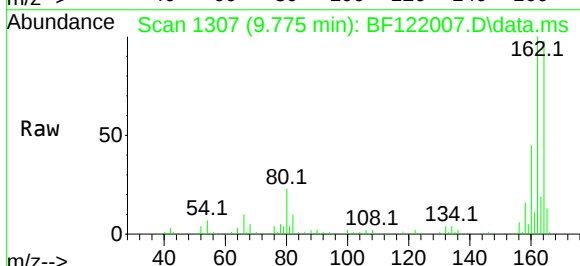
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ClientSampleId :
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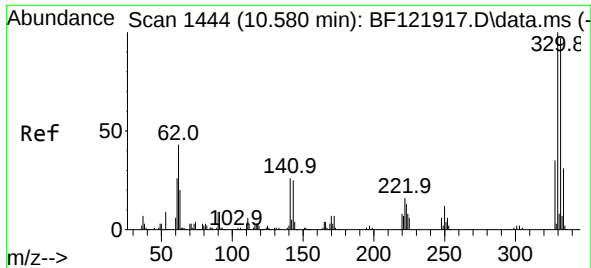
Tgt Ion: 82 Resp: 816887
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

Tgt Ion: 164 Resp: 255805
Ion Ratio Lower Upper
164 100
162 102.4 83.2 124.8
160 46.1 37.5 56.3

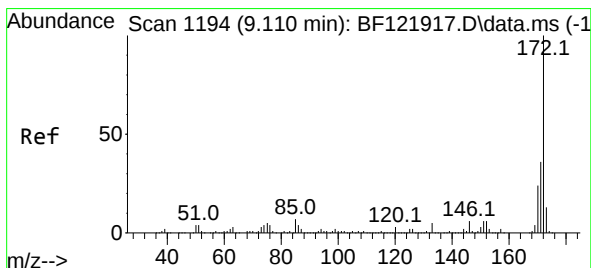
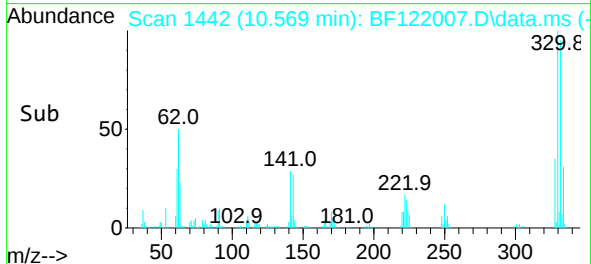
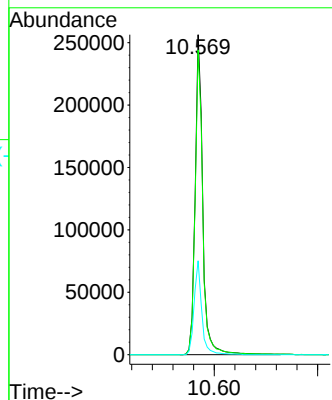
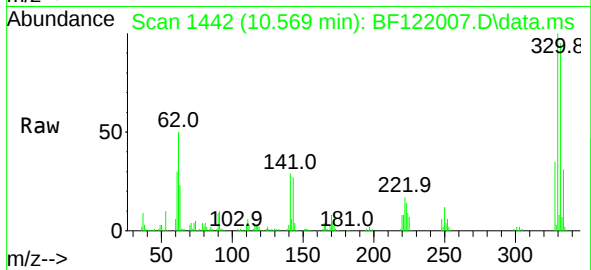




#42
2,4,6-Tribromophenol
Concen: 82.81 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

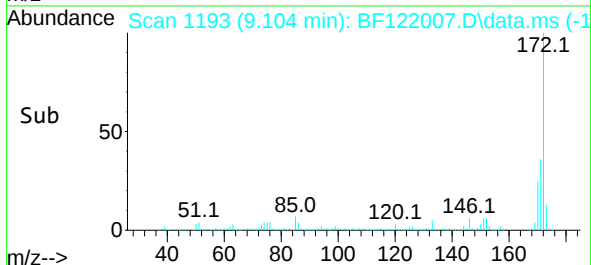
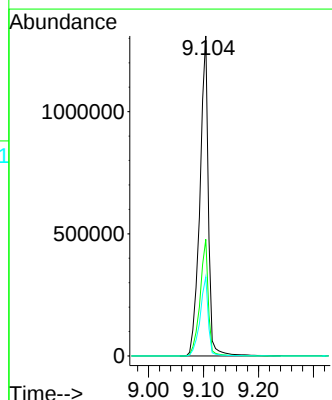
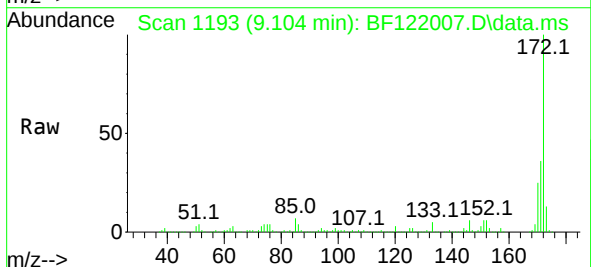
Instrument :
BNA_F
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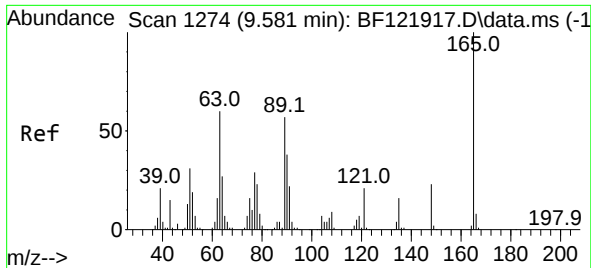
Tgt Ion: 330 Resp: 262052
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 29.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 81.21 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

Tgt Ion: 172 Resp: 1411966
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 24.7 19.8 29.6

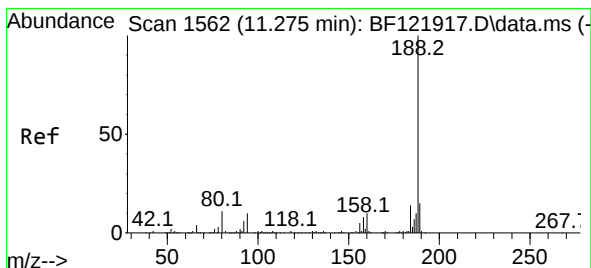
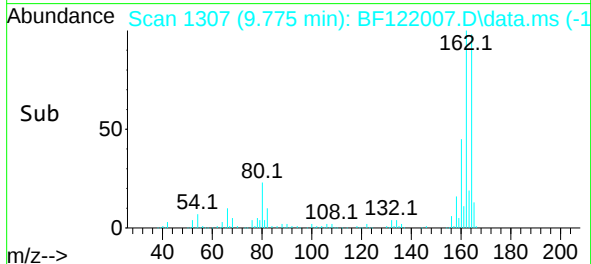
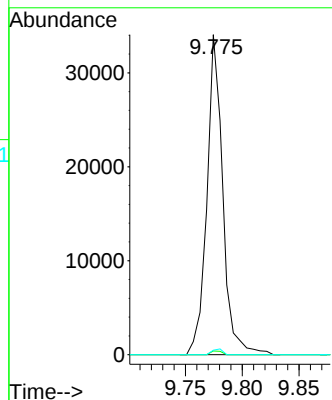
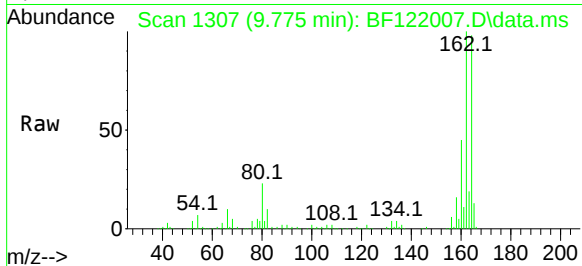




#51
2,6-Dinitrotoluene
Concen: 8.06 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

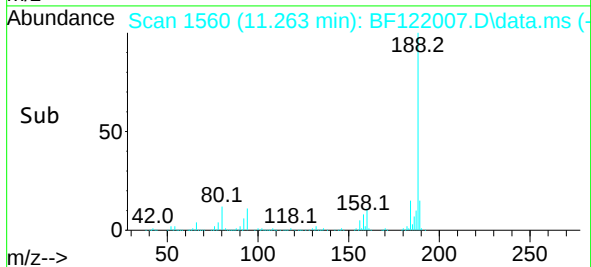
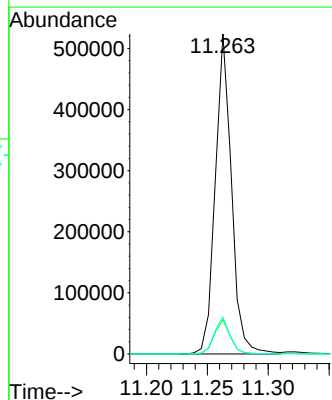
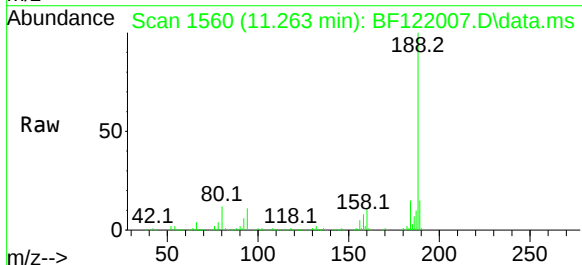
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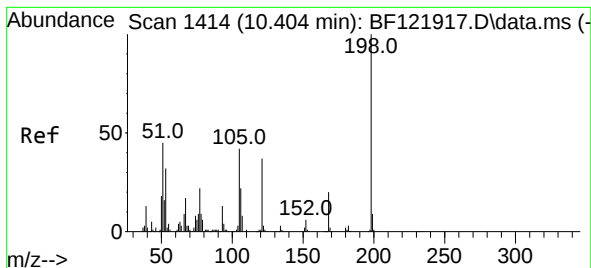
Tgt Ion:165 Resp: 33051
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.4 49.0 73.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

Tgt Ion:188 Resp: 486413
Ion Ratio Lower Upper
188 100
94 10.7 8.3 12.5
80 11.5 9.1 13.7

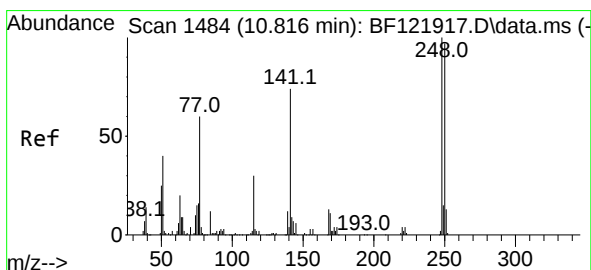
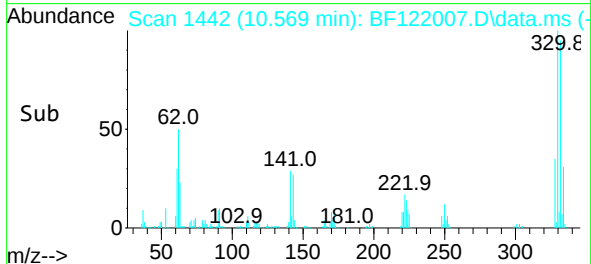
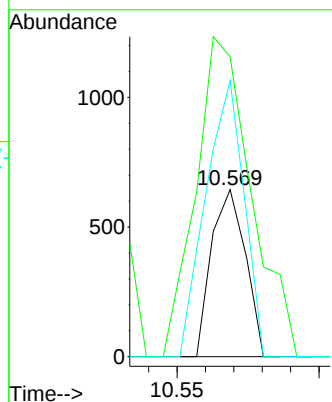
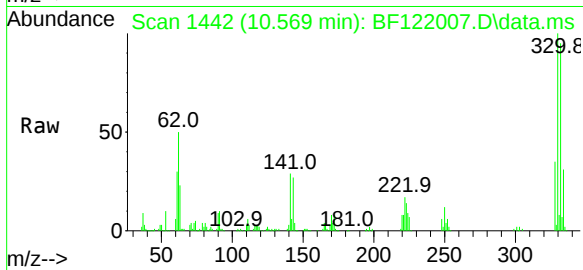




#65
4,6-Dinitro-2-methylphenol
Concen: 4.58 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.171 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

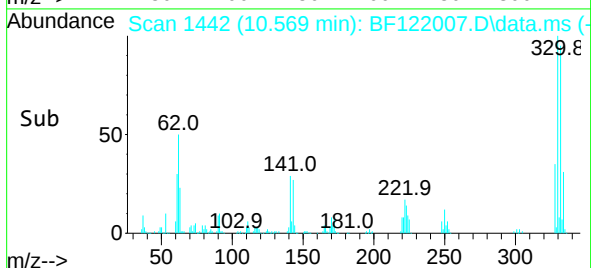
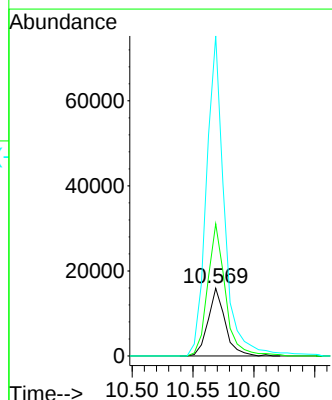
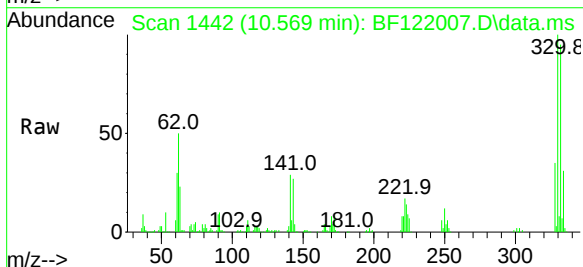
Instrument :
BNA_F
ClientSampleId :
PB132380BL

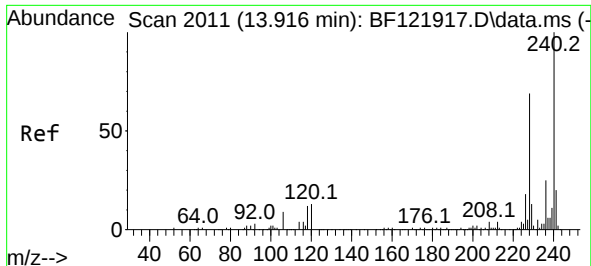
Tgt Ion:198 Resp: 532
Ion Ratio Lower Upper
198 100
51 179.5 29.6 69.6#
105 165.4 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.76 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

Tgt Ion:248 Resp: 15514
Ion Ratio Lower Upper
248 100
250 195.5 77.0 115.6#
141 473.2 53.7 80.5#

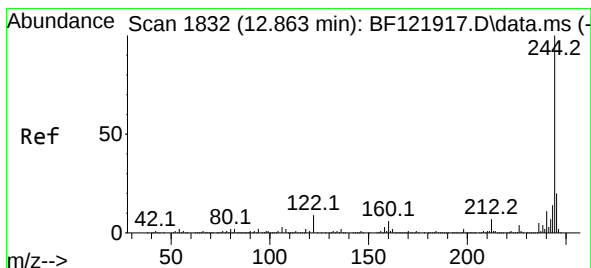
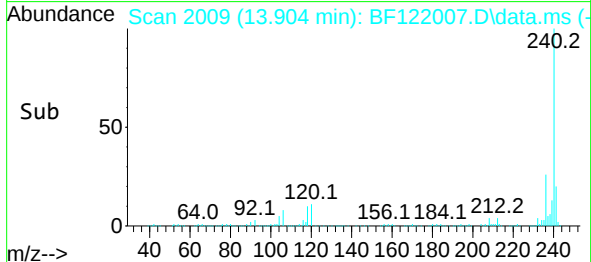
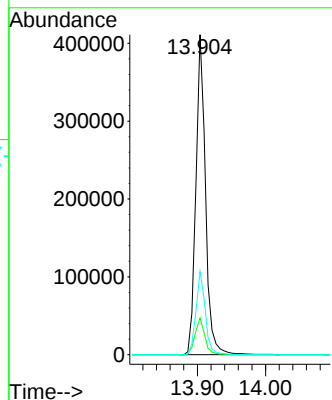
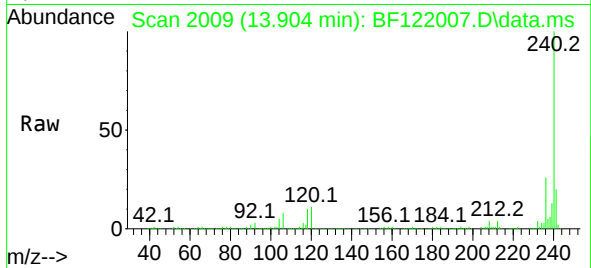




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

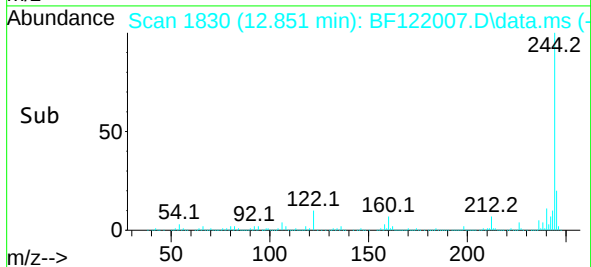
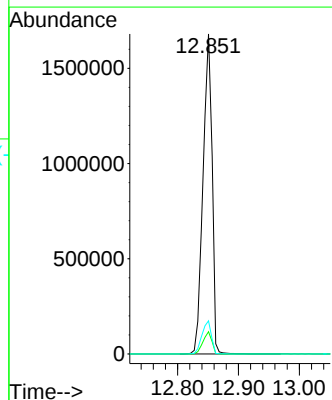
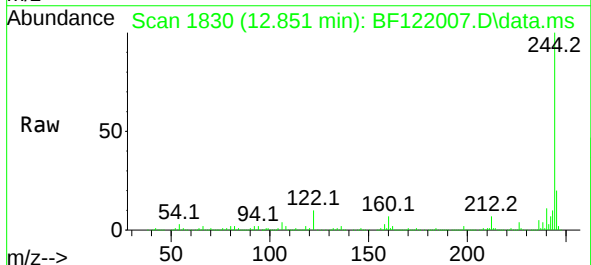
Instrument :
BNA_F
ClientSampleId :
PB132380BL

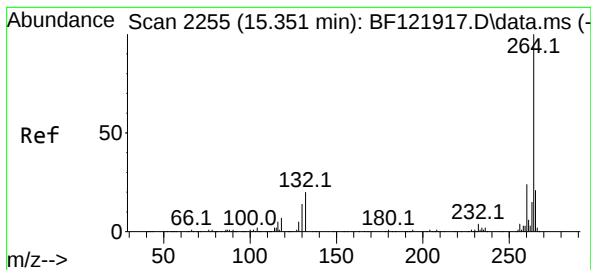
Tgt Ion:240 Resp: 402411
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 82.01 ng
RT: 12.851 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF122007.D
Acq: 16 Oct 2020 12:26

Tgt Ion:244 Resp: 1731589
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.3 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.345 min Scan# 2254
 Delta R.T. 0.006 min
 Lab File: BF122007.D
 Acq: 16 Oct 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB132380BL

Tgt Ion:264 Resp: 336608
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.3 17.3 25.9

