

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122202.D
 Acq On : 31 Oct 2020 2:30
 Operator : JU/CG
 Sample : L4215-01 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-102820

Quant Time: Oct 31 05:09:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

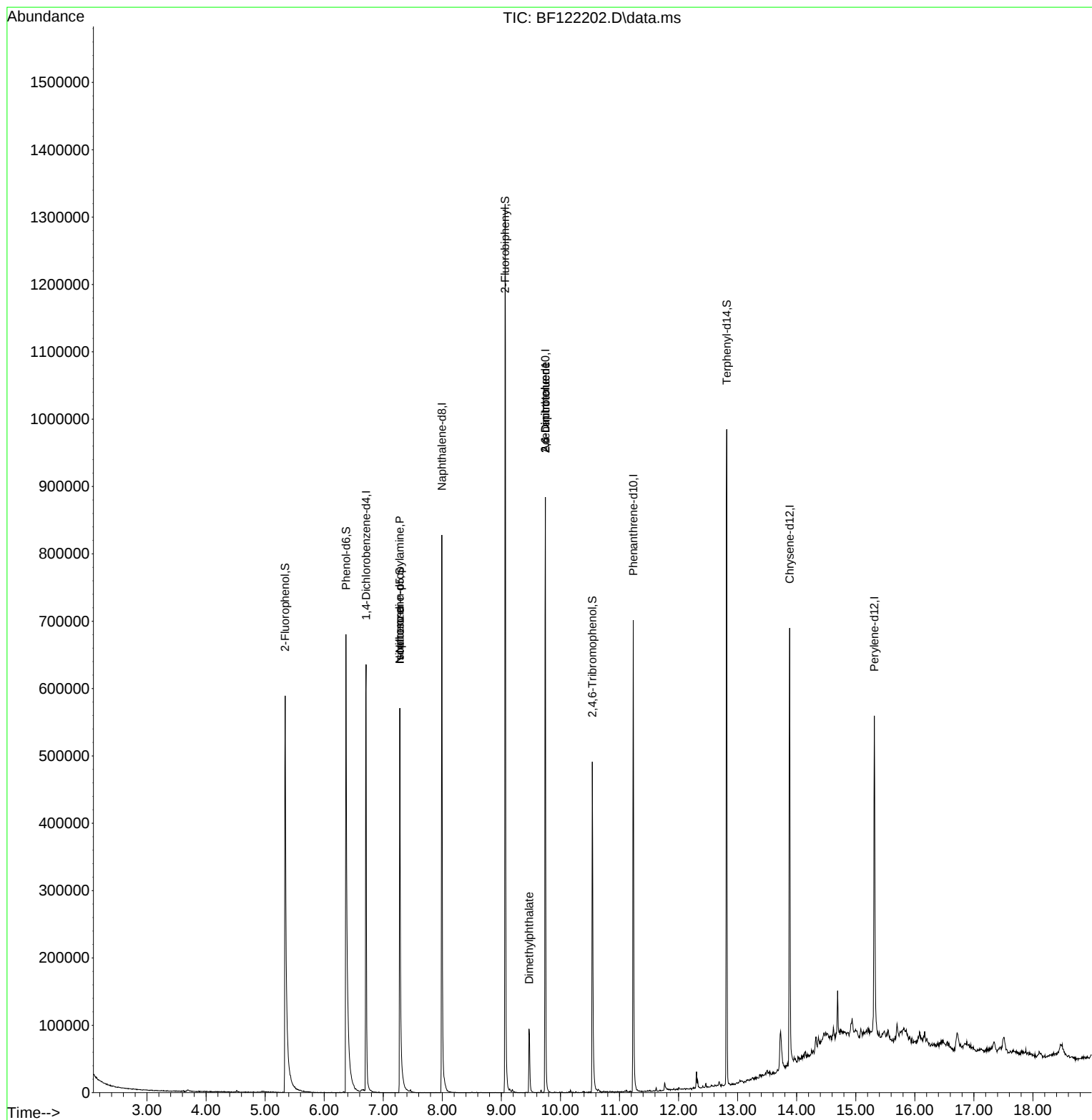
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	105048	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	395163	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	180570	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	269233	20.00	ng	0.00
76) Chrysene-d12	13.880	240	228930	20.00	ng	0.00
86) Perylene-d12	15.315	264	214091	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	297082	41.74	ng	0.00
7) Phenol-d6	6.369	99	379630	41.43	ng	0.00
23) Nitrobenzene-d5	7.281	82	237137	30.78	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	71832	32.16	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	427946	34.87	ng	-0.01
79) Terphenyl-d14	12.815	244	296463	24.68	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.369	77	273	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	30426	5.83	ng	# 82
25) Isophorone	7.281	82	237137	16.28	ng	# 67
50) Dimethylphthalate	9.469	163	51567	3.91	ng	100
51) 2,6-Dinitrotoluene	9.745	165	23030	7.95	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	23030	6.46	ng	# 20

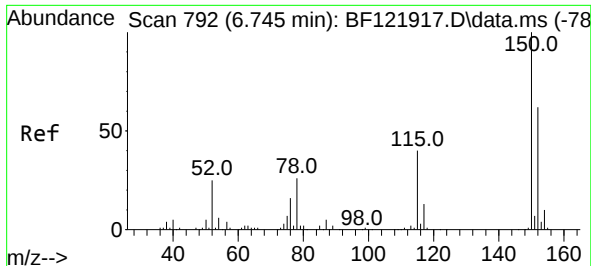
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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Quant Time: Oct 31 05:09:15 2020
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Response via : Initial Calibration

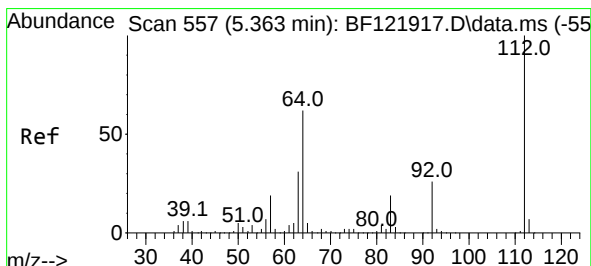
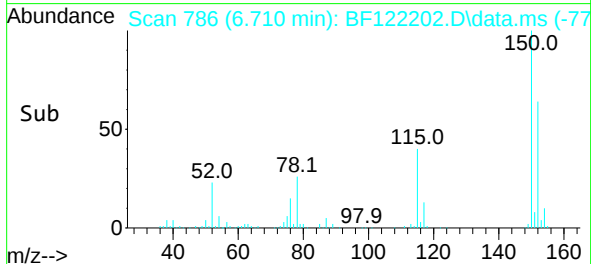
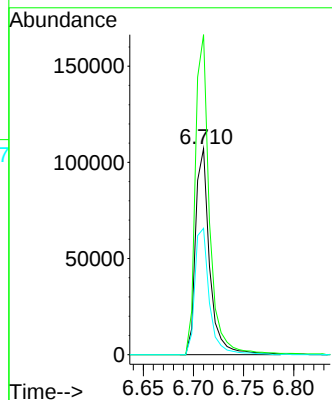
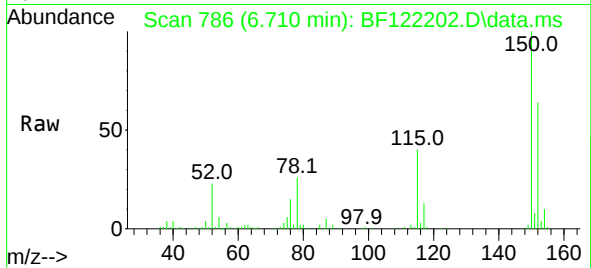




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.710 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: BF122202.D
 Acq: 31 Oct 2020 2:30

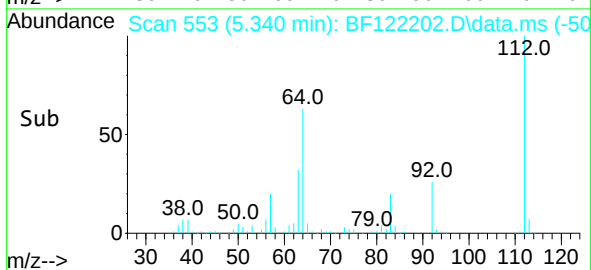
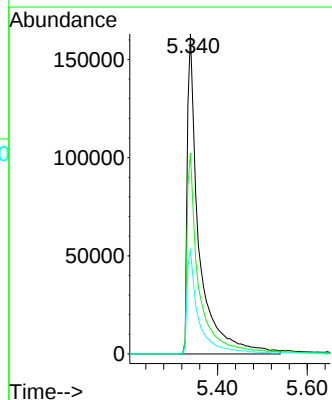
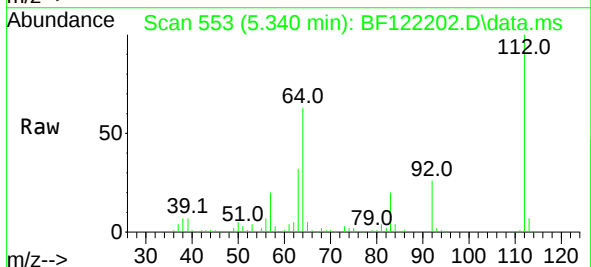
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-102820

Tgt Ion:152 Resp: 105048
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.3 187.9
 115 61.3 51.9 77.9



#5
 2-Fluorophenol
 Concen: 41.74 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF122202.D
 Acq: 31 Oct 2020 2:30

Tgt Ion:112 Resp: 297082
 Ion Ratio Lower Upper
 112 100
 64 62.8 50.4 75.6
 63 32.4 25.8 38.6

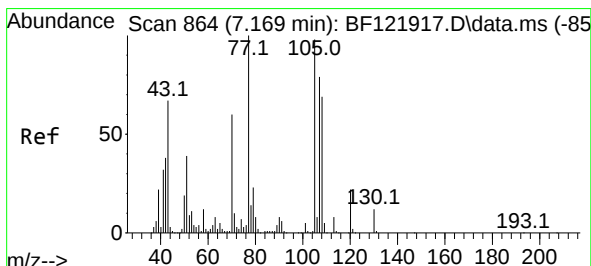
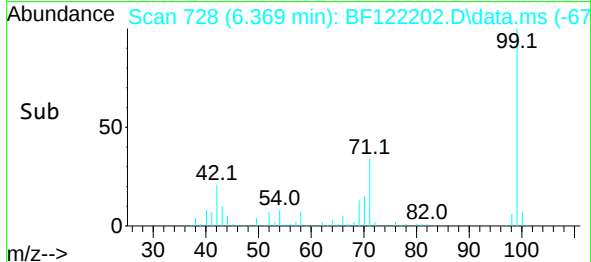
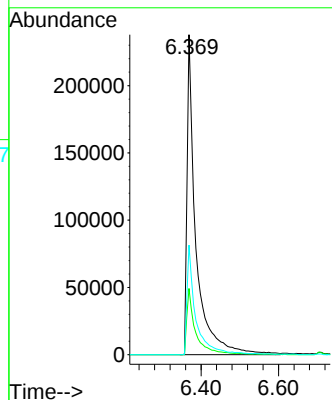
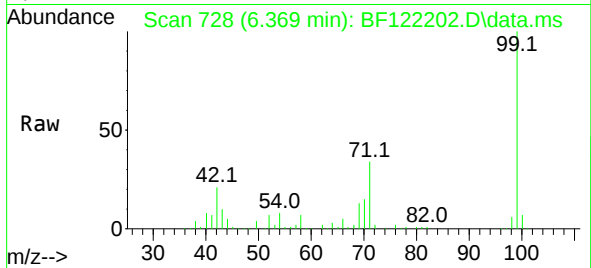




#7
Phenol-d6
Concen: 41.43 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122202.D
Acq: 31 Oct 2020 2:30

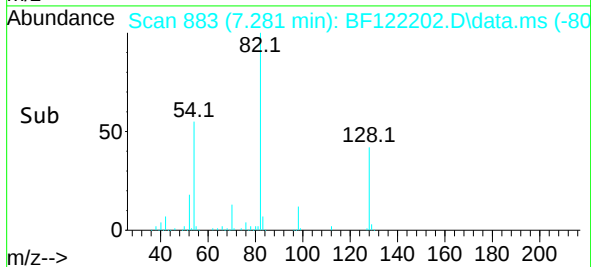
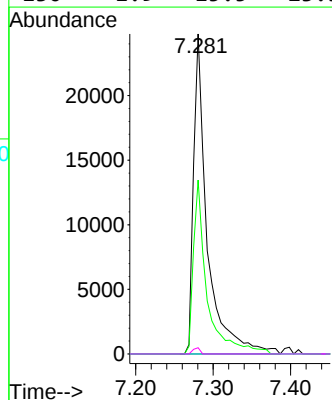
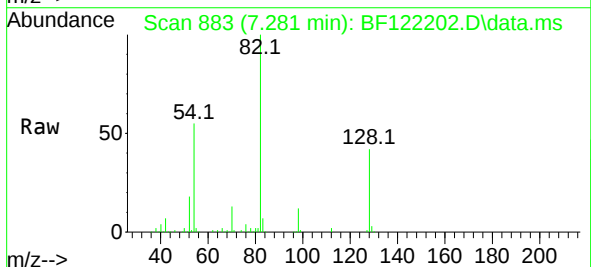
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

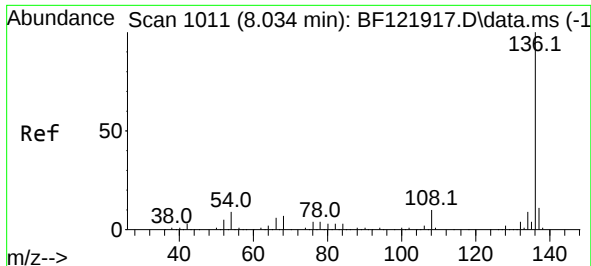
Tgt Ion: 99 Resp: 379630
Ion Ratio Lower Upper
99 100
42 20.7 15.9 23.9
71 34.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 5.83 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122202.D
Acq: 31 Oct 2020 2:30

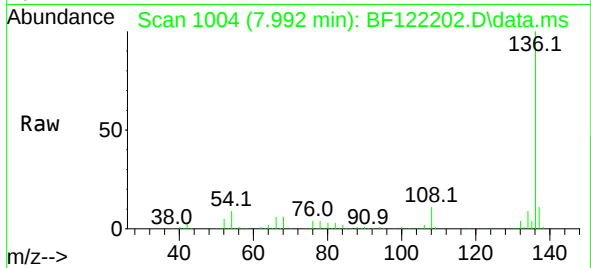
Tgt Ion: 70 Resp: 30426
Ion Ratio Lower Upper
70 100
42 54.4 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



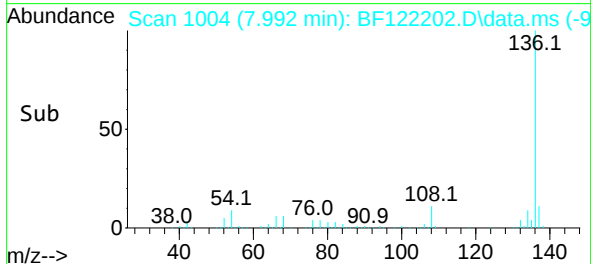
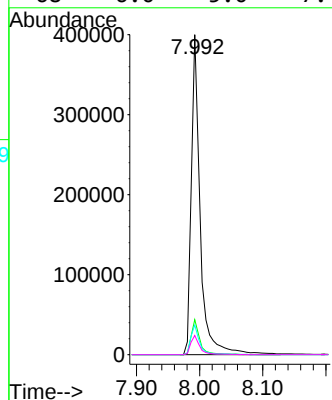


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122202.D
Acq: 31 Oct 2020 2:30

Instrument :
BNA_F
ClientSampleId :
AU-05-102820

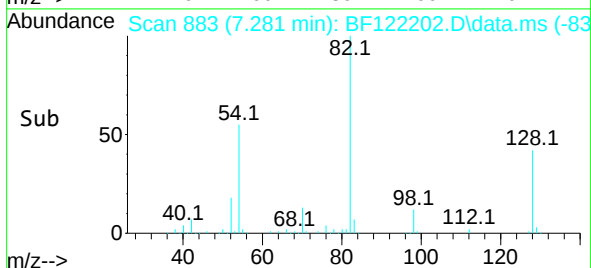
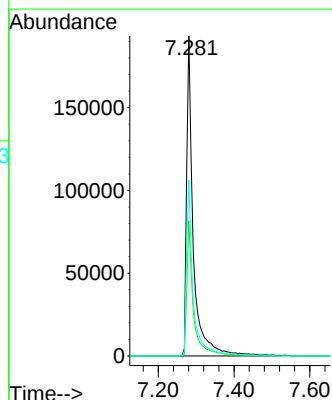
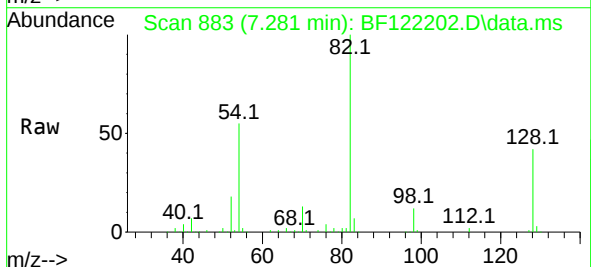


Tgt Ion:136 Resp: 395163
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 7.1 10.7
68 6.0 5.0 7.4



#23
Nitrobenzene-d5
Concen: 30.78 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122202.D
Acq: 31 Oct 2020 2:30

Tgt Ion: 82 Resp: 237137
Ion Ratio Lower Upper
82 100
128 42.2 35.0 52.4
54 55.0 43.9 65.9

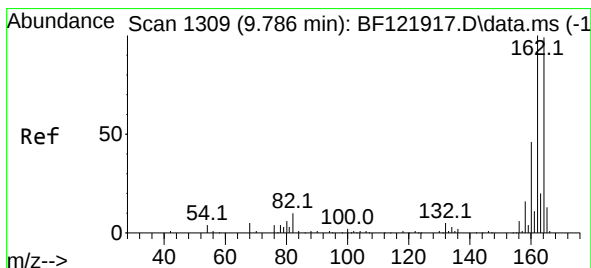
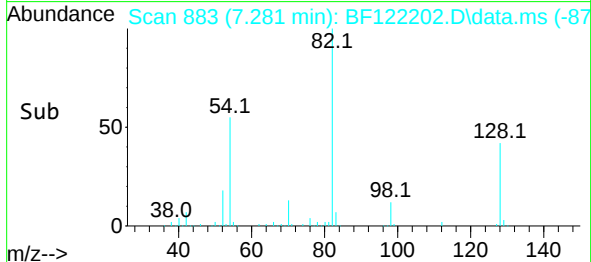
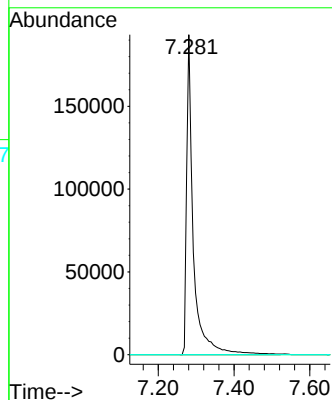
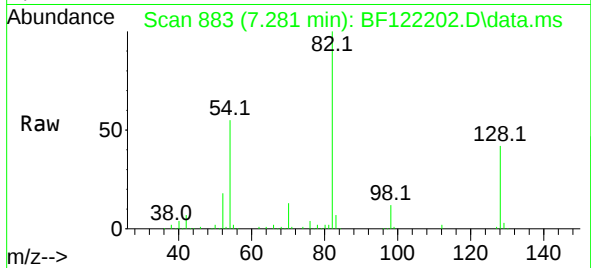




#25
Isophorone
Concen: 16.28 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122202.D
Acq: 31 Oct 2020 2:30

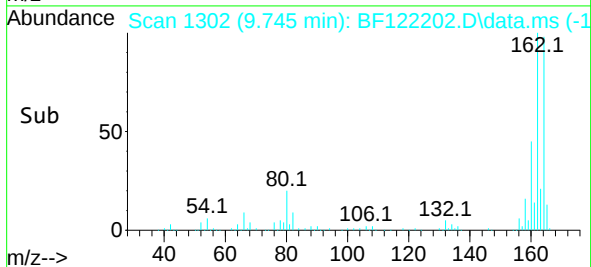
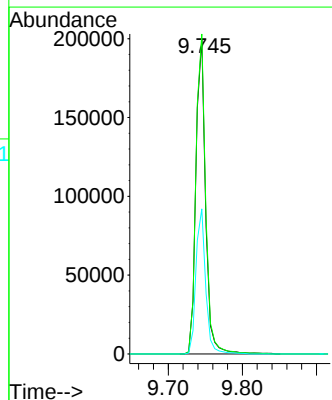
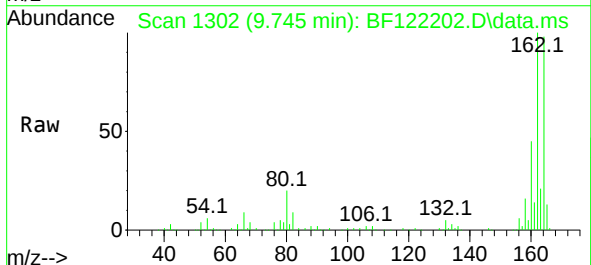
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

Tgt Ion: 82 Resp: 237137
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: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122202.D
Acq: 31 Oct 2020 2:30

Tgt Ion: 164 Resp: 180570
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 46.0 37.5 56.3

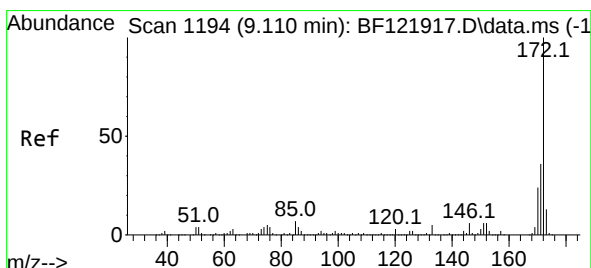
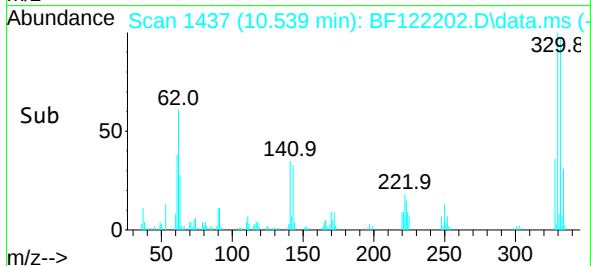
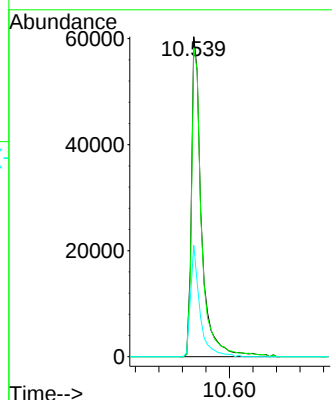
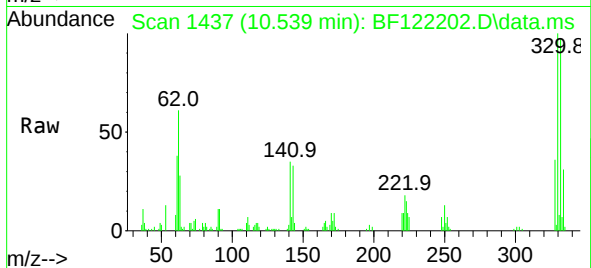




#42
2,4,6-Tribromophenol
Concen: 32.16 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122202.D
Acq: 31 Oct 2020 2:30

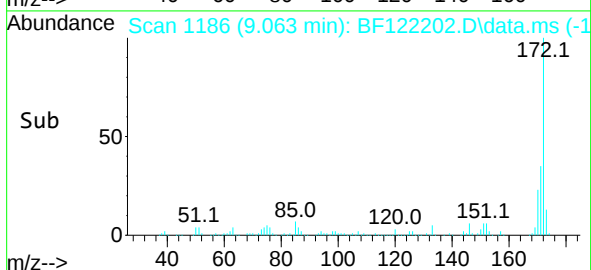
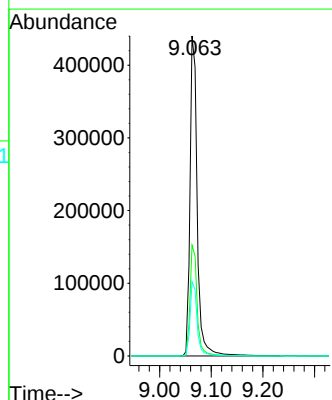
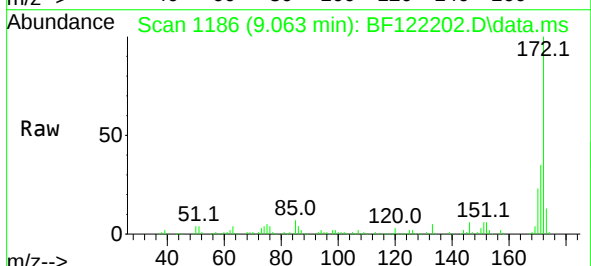
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

Tgt Ion: 330 Resp: 71832
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 32.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 34.87 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF122202.D
Acq: 31 Oct 2020 2:30

Tgt Ion: 172 Resp: 427946
Ion Ratio Lower Upper
172 100
171 34.6 29.1 43.7
170 23.2 19.8 29.6

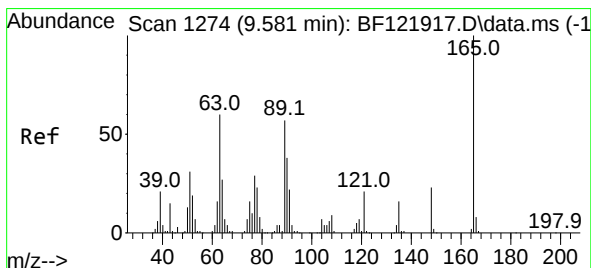
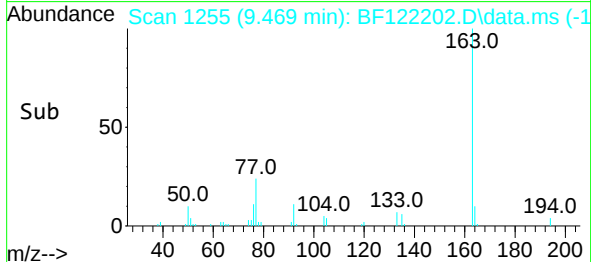
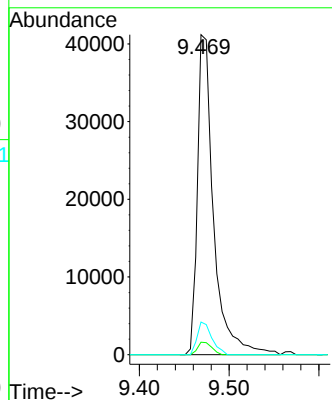
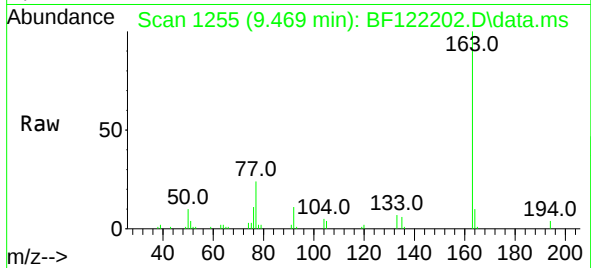




#50
Dimethylphthalate
Concen: 3.91 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122202.D
Acq: 31 Oct 2020 2:30

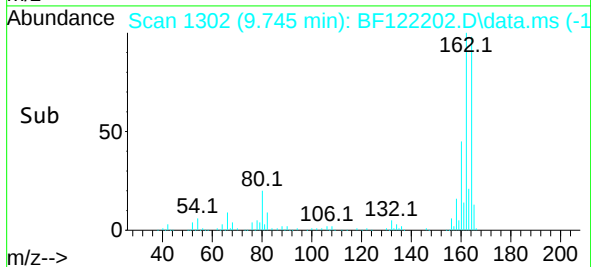
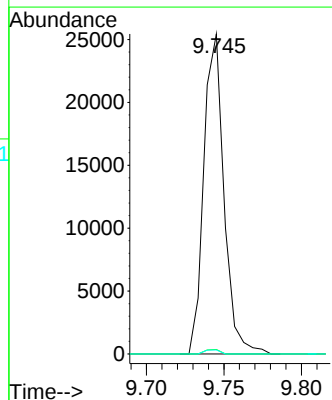
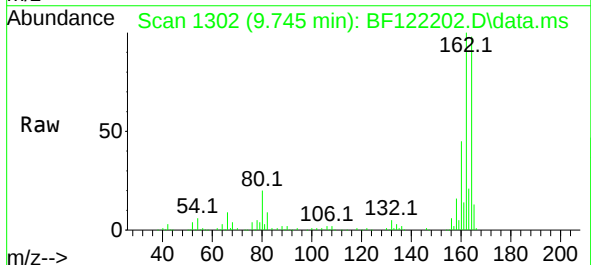
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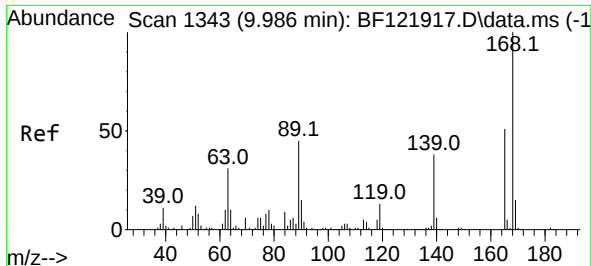
Tgt Ion:163 Resp: 51567
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.95 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122202.D
Acq: 31 Oct 2020 2:30

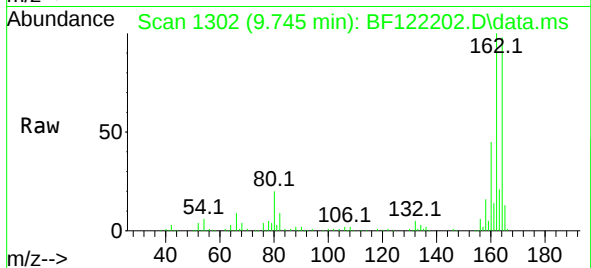
Tgt Ion:165 Resp: 23030
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.3 49.0 73.6#



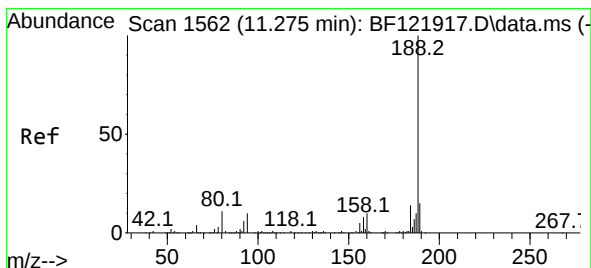
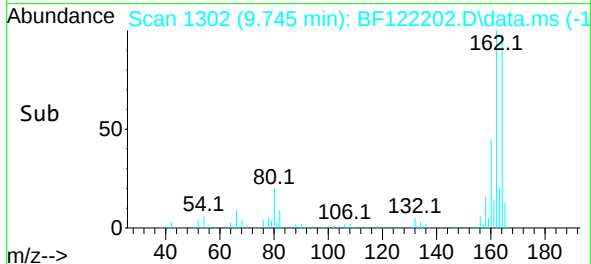
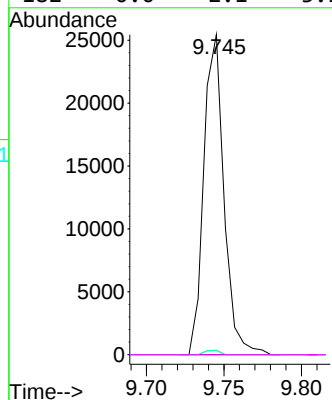


#57
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122202.D
Acq: 31 Oct 2020 2:30

Instrument :
BNA_F
ClientSampleId :
AU-05-102820

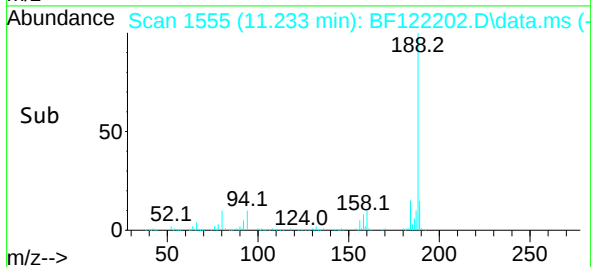
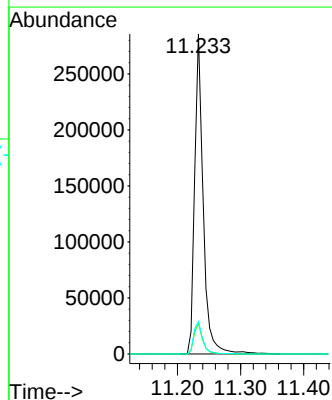
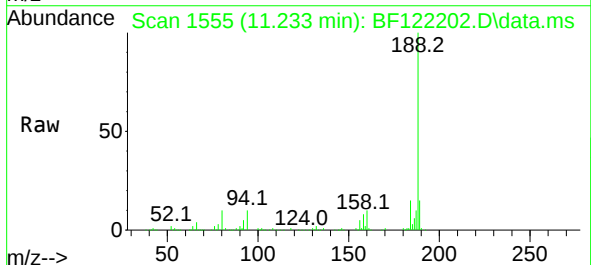


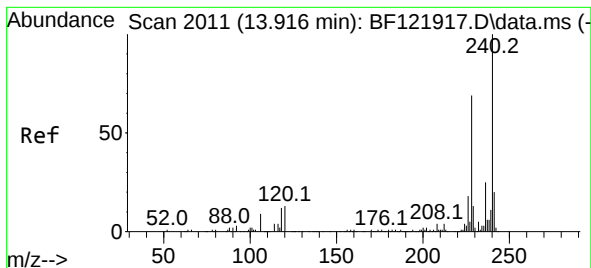
Tgt Ion:165 Resp: 23030
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122202.D
Acq: 31 Oct 2020 2:30

Tgt Ion:188 Resp: 269233
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.2 9.1 13.7

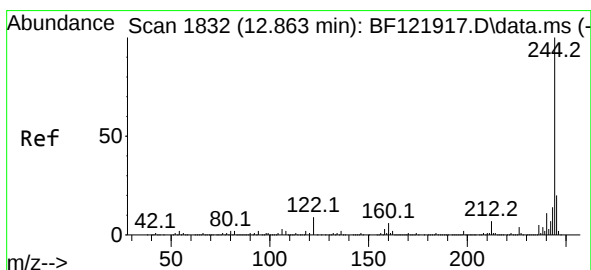
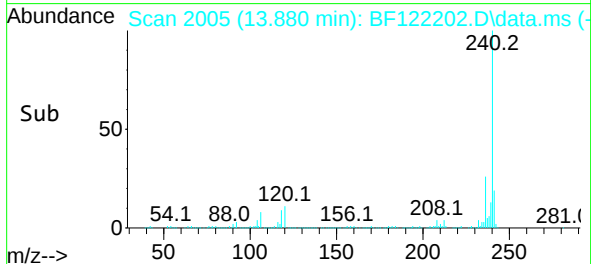
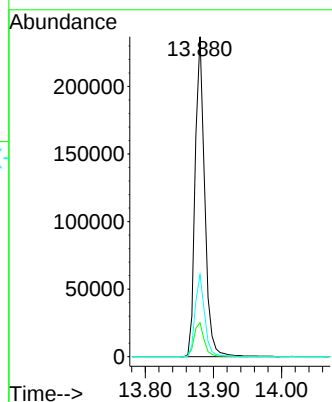
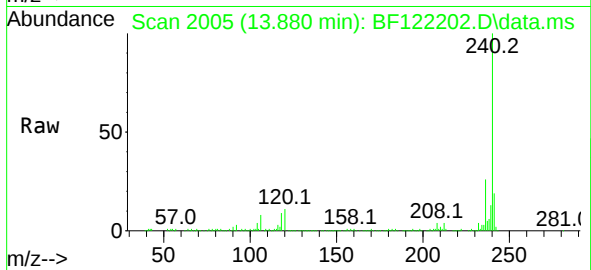




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122202.D
Acq: 31 Oct 2020 2:30

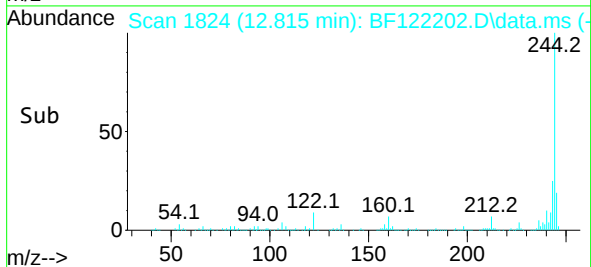
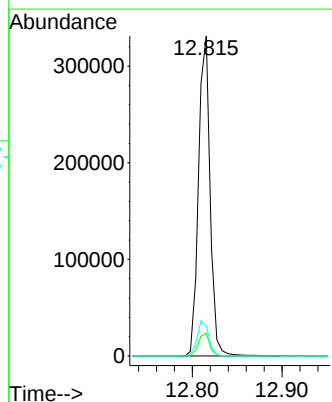
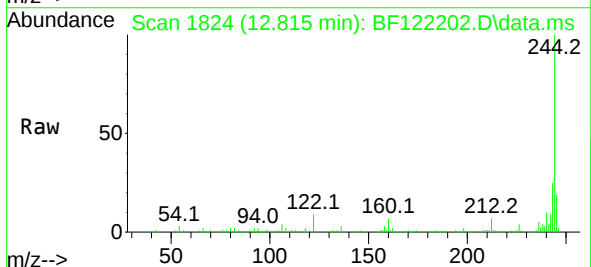
Instrument :
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AU-05-102820

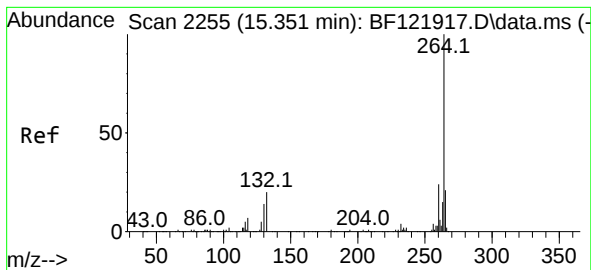
Tgt Ion:240 Resp: 228930
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 24.68 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122202.D
Acq: 31 Oct 2020 2:30

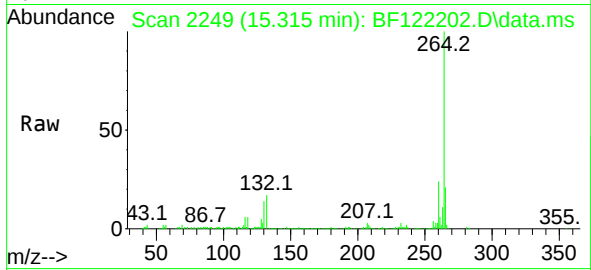
Tgt Ion:244 Resp: 296463
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.4 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.315 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122202.D
 Acq: 31 Oct 2020 2:30

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-102820



Tgt Ion:264 Resp: 214091
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 21.4 17.3 25.9

