

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122203.D
 Acq On : 31 Oct 2020 3:01
 Operator : JU/CG
 Sample : L4227-07 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-102820

Quant Time: Oct 31 05:10:02 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

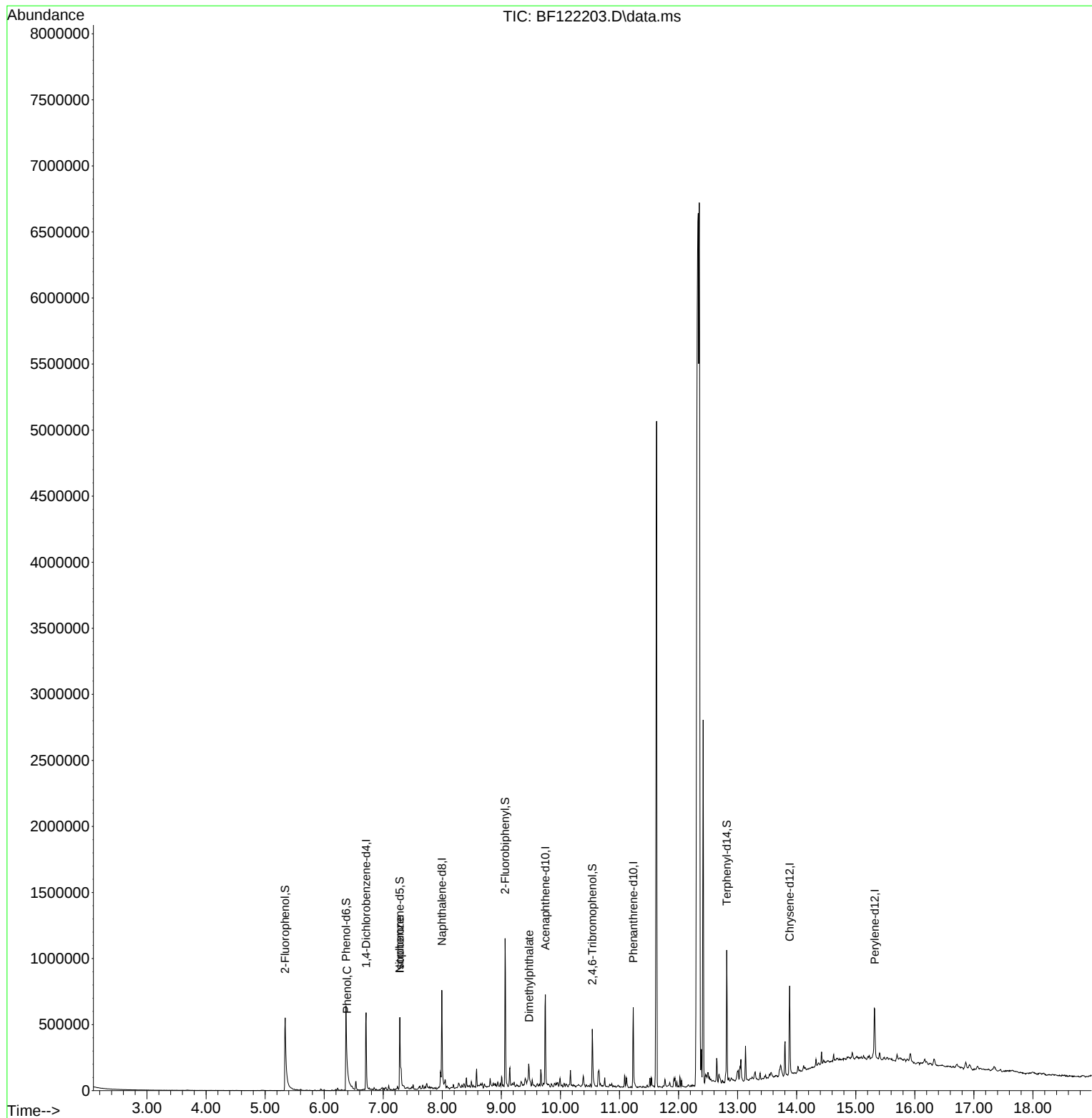
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	92942	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	328739	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	135943	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	216285	20.00	ng	0.00
76) Chrysene-d12	13.880	240	226678	20.00	ng	0.00
86) Perylene-d12	15.321	264	194303	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	288787	45.86	ng	0.00
7) Phenol-d6	6.369	99	348884	43.04	ng	0.00
23) Nitrobenzene-d5	7.281	82	220307	34.37	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	59151	35.17	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	336517	36.42	ng	-0.01
79) Terphenyl-d14	12.816	244	273334	22.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.392	77	865	Below Cal	#	1
10) Phenol	6.387	94	18885	2.26	ng	# 72
25) Isophorone	7.281	82	215682	17.79	ng	# 67
50) Dimethylphthalate	9.469	163	43708	4.40	ng	99

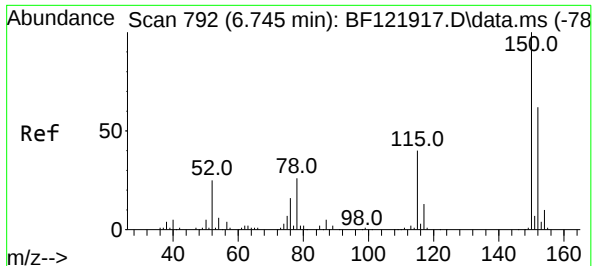
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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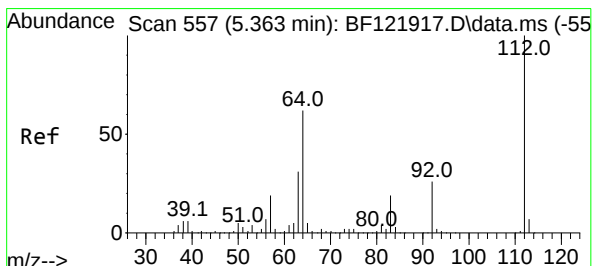
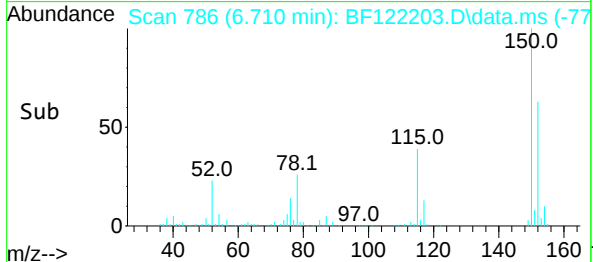
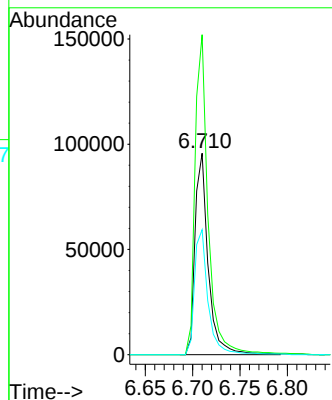
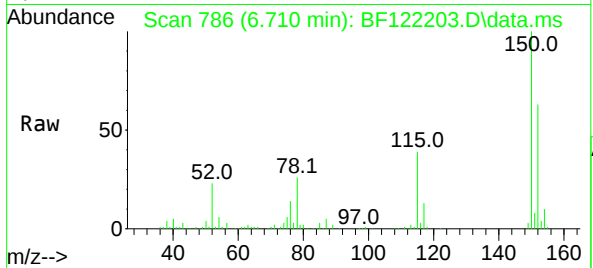




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.710 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: BF122203.D
 Acq: 31 Oct 2020 3:01

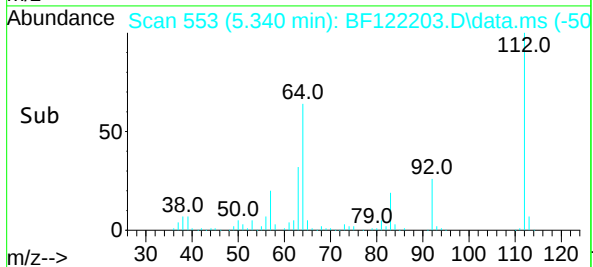
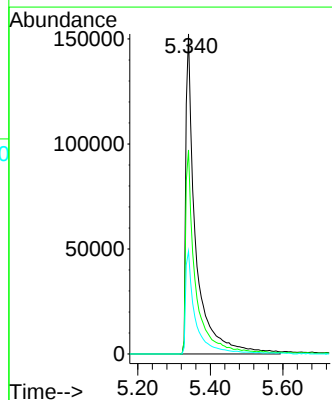
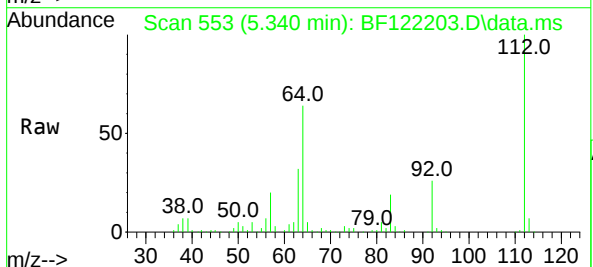
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-102820

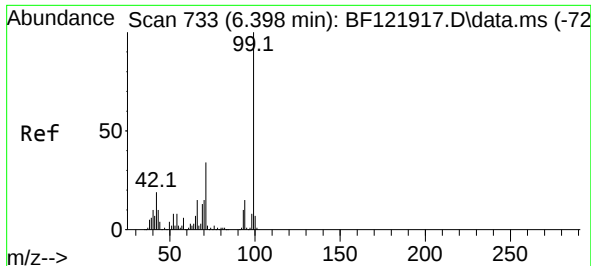
Tgt Ion:152 Resp: 92942
 Ion Ratio Lower Upper
 152 100
 150 158.9 125.3 187.9
 115 62.0 51.9 77.9



#5
 2-Fluorophenol
 Concen: 45.86 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF122203.D
 Acq: 31 Oct 2020 3:01

Tgt Ion:112 Resp: 288787
 Ion Ratio Lower Upper
 112 100
 64 63.8 50.4 75.6
 63 32.1 25.8 38.6

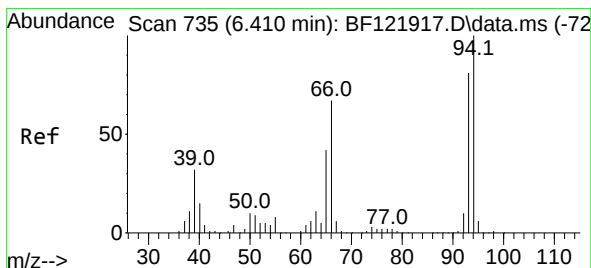
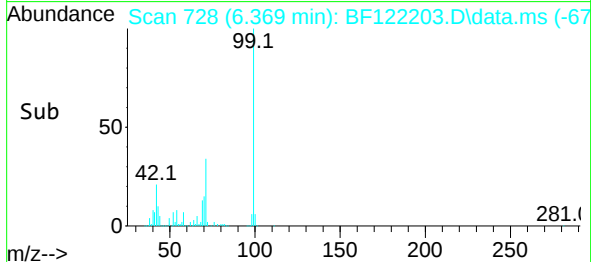
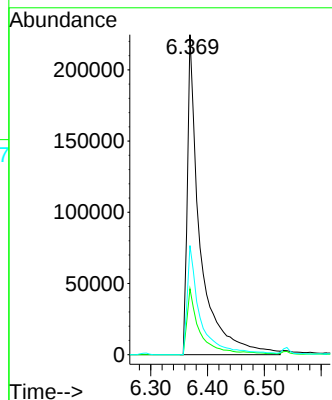
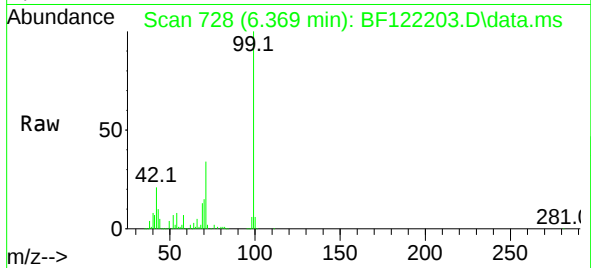




#7
Phenol-d6
Concen: 43.04 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122203.D
Acq: 31 Oct 2020 3:01

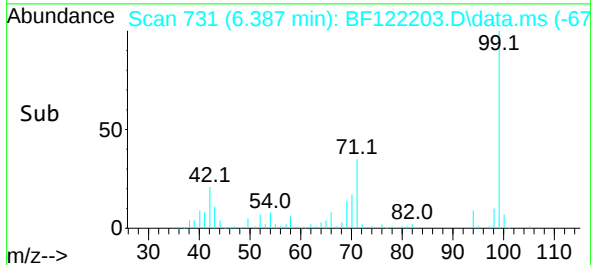
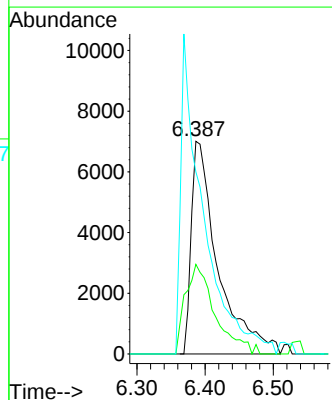
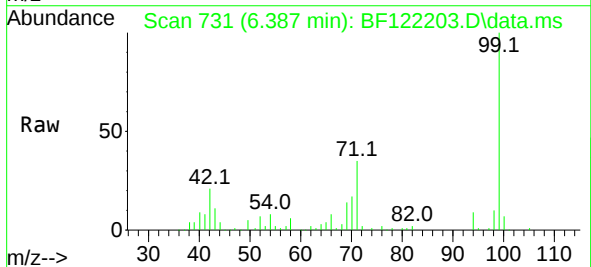
Instrument :
BNA_F
ClientSampleId :
BU-02-102820

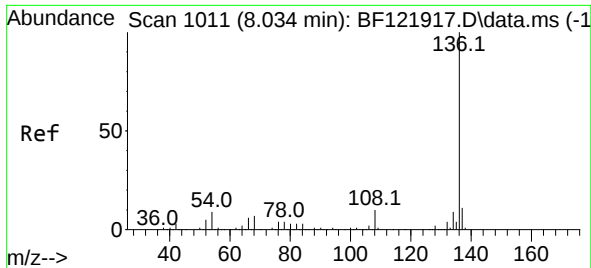
Tgt Ion: 99 Resp: 348884
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 34.1 27.1 40.7



#10
Phenol
Concen: 2.26 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122203.D
Acq: 31 Oct 2020 3:01

Tgt Ion: 94 Resp: 18885
Ion Ratio Lower Upper
94 100
65 42.1 17.1 57.1
66 85.6 36.0 76.0#



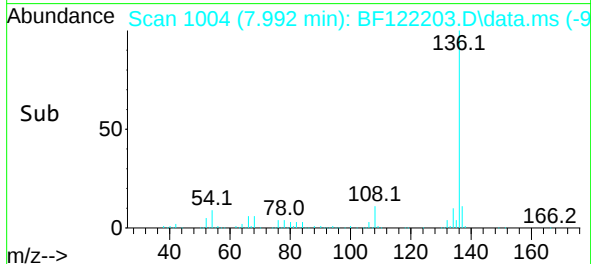
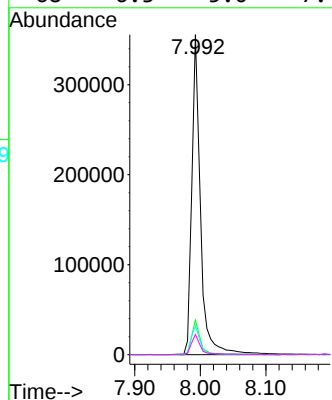
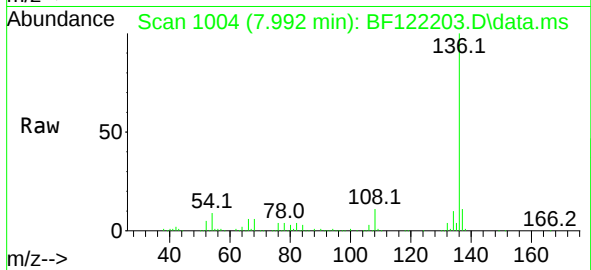


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122203.D
Acq: 31 Oct 2020 3:01

Instrument :
BNA_F
ClientSampleId :
BU-02-102820

Tgt Ion:136 Resp: 328739

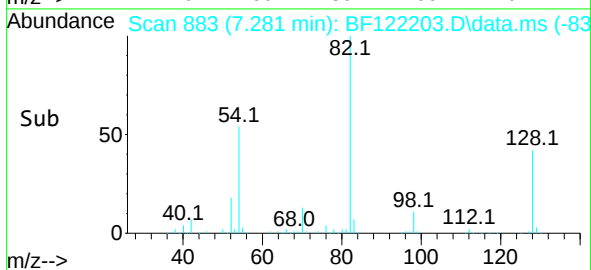
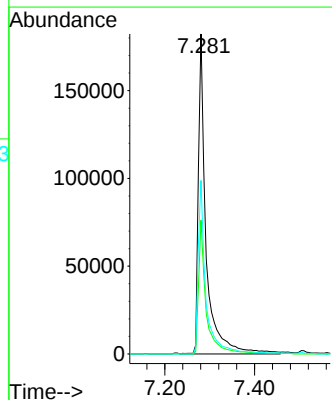
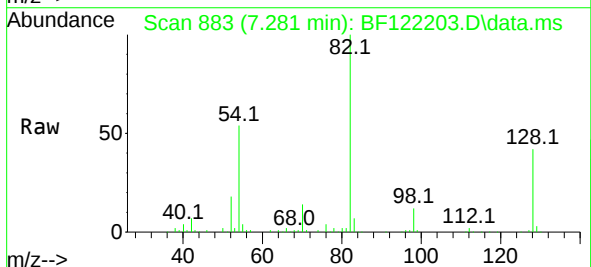
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.1	7.1	10.7
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 34.37 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122203.D
Acq: 31 Oct 2020 3:01

Tgt Ion: 82 Resp: 220307

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.0	52.4
54	54.2	43.9	65.9

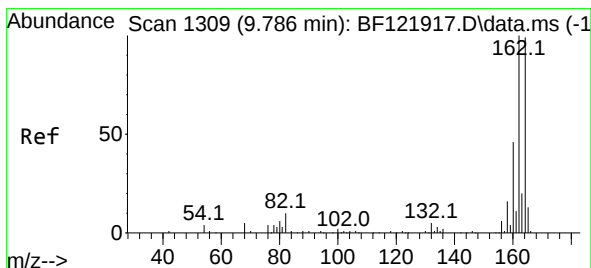
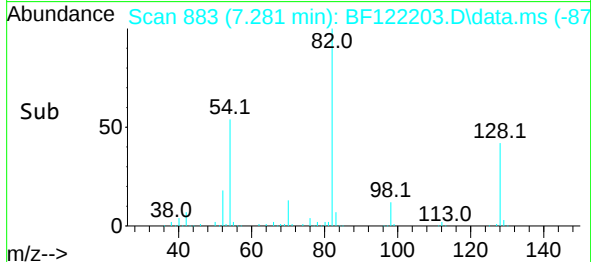
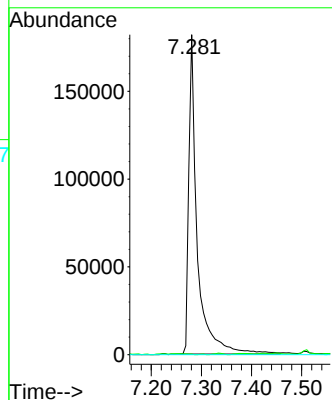
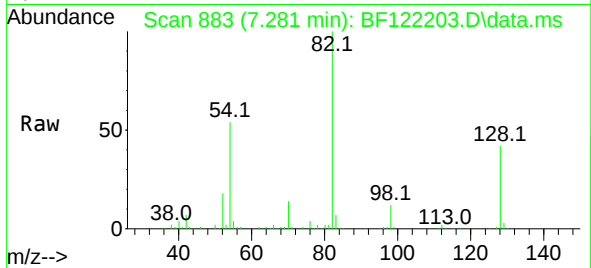




#25
Isophorone
Concen: 17.79 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122203.D
Acq: 31 Oct 2020 3:01

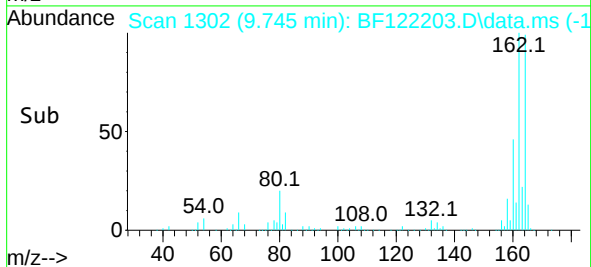
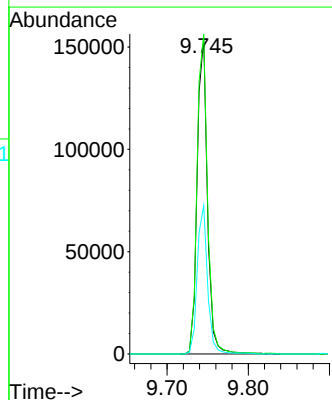
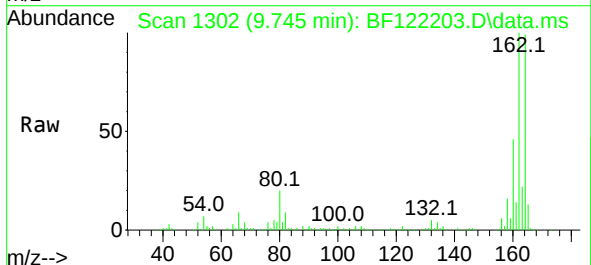
Instrument :
BNA_F
ClientSampleId :
BU-02-102820

Tgt Ion: 82 Resp: 215682
Ion Ratio Lower Upper
82 100
95 0.2 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: BF122203.D
Acq: 31 Oct 2020 3:01

Tgt Ion:164 Resp: 135943
Ion Ratio Lower Upper
164 100
162 101.5 83.2 124.8
160 47.1 37.5 56.3

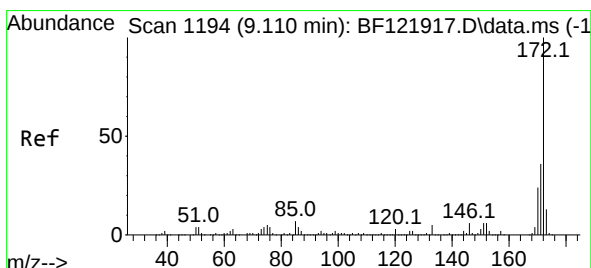
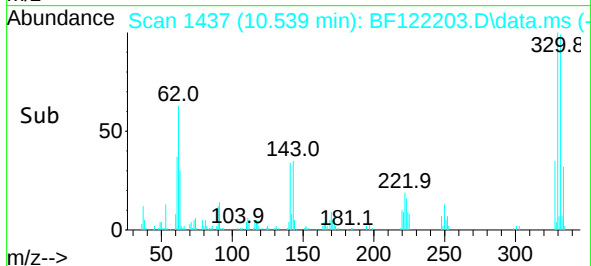
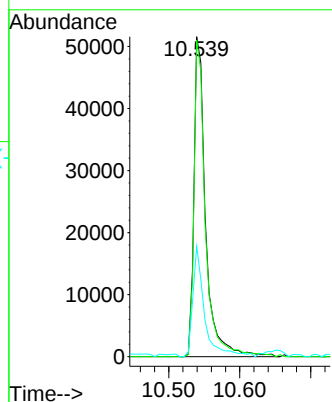
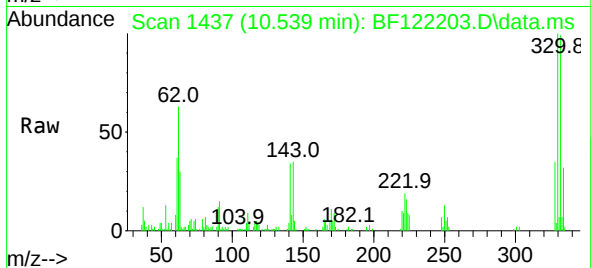




#42
2,4,6-Tribromophenol
Concen: 35.17 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122203.D
Acq: 31 Oct 2020 3:01

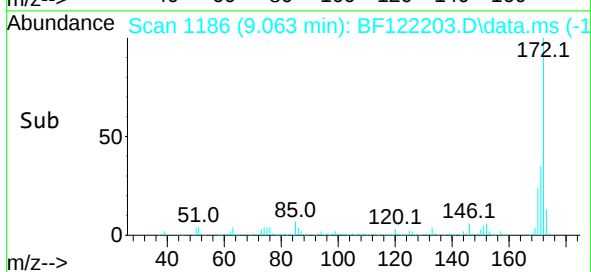
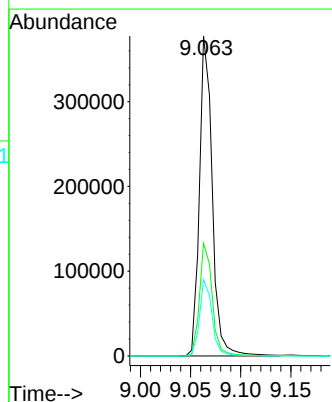
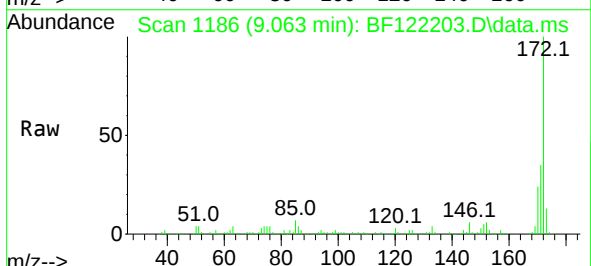
Instrument :
BNA_F
ClientSampleId :
BU-02-102820

Tgt Ion: 330 Resp: 59151
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 34.4 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 36.42 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF122203.D
Acq: 31 Oct 2020 3:01

Tgt Ion: 172 Resp: 336517
Ion Ratio Lower Upper
172 100
171 35.2 29.1 43.7
170 23.9 19.8 29.6

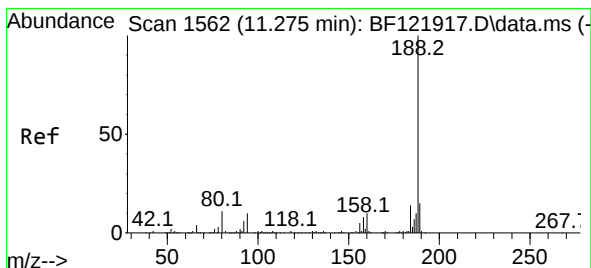
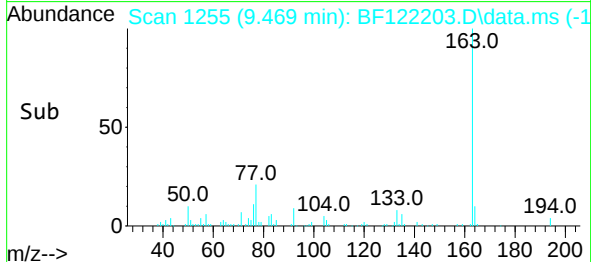
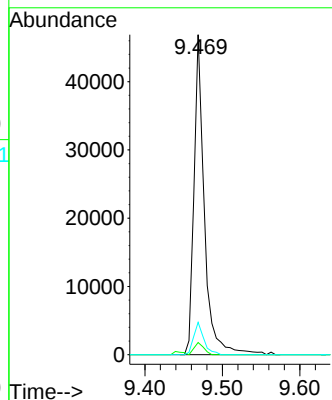
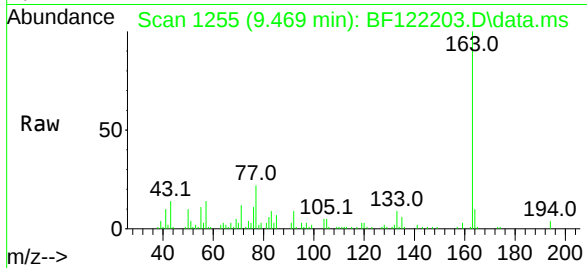




#50
Dimethylphthalate
Concen: 4.40 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122203.D
Acq: 31 Oct 2020 3:01

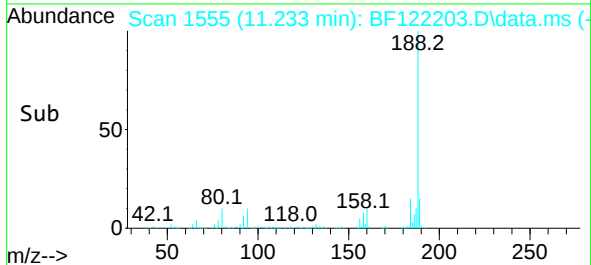
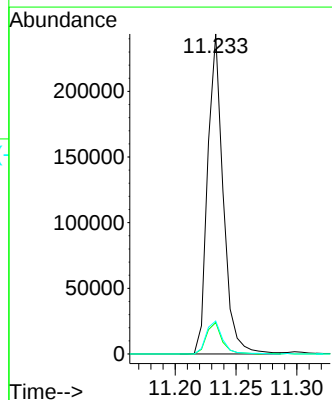
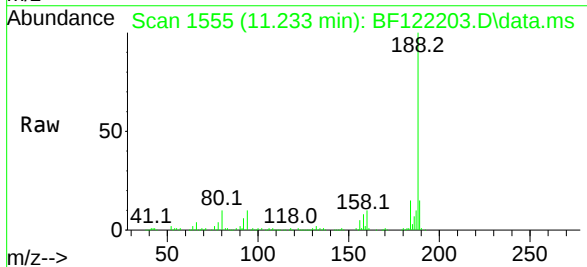
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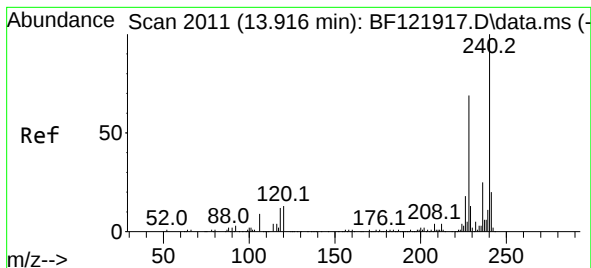
Tgt Ion:163 Resp: 43708
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.1 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122203.D
Acq: 31 Oct 2020 3:01

Tgt Ion:188 Resp: 216285
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.3 9.1 13.7

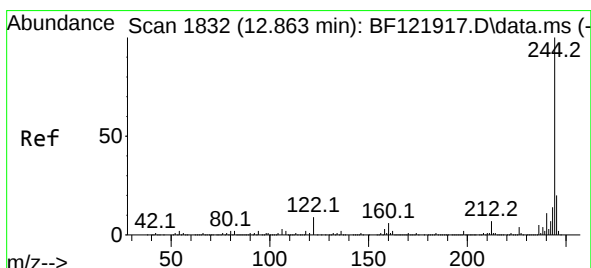
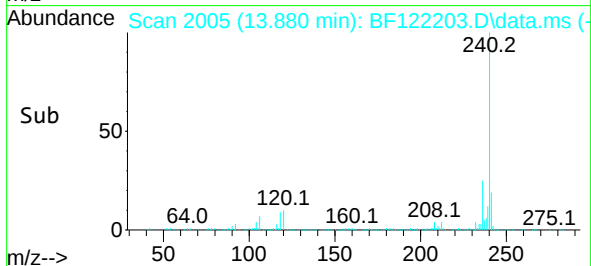
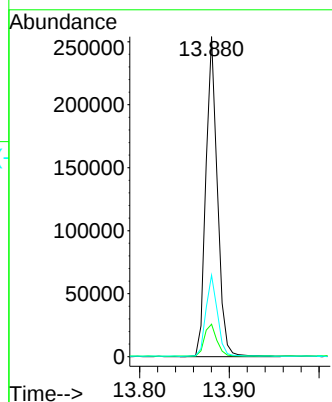
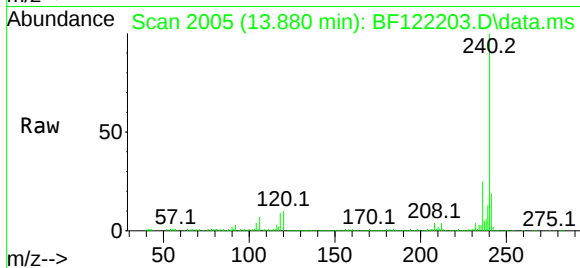




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122203.D
Acq: 31 Oct 2020 3:01

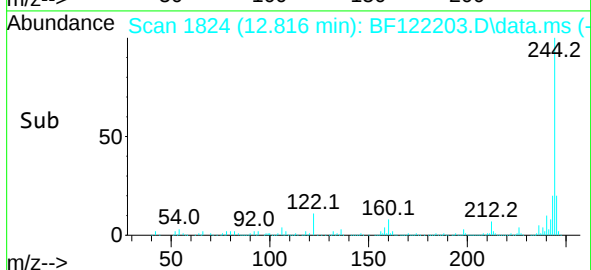
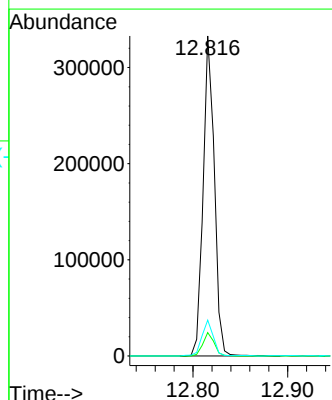
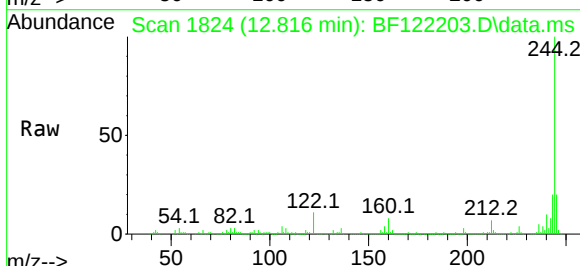
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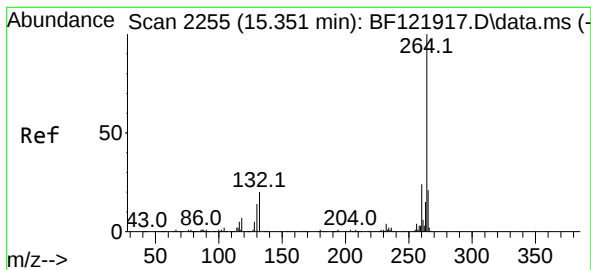
Tgt Ion:240 Resp: 226678
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 22.98 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122203.D
Acq: 31 Oct 2020 3:01

Tgt Ion:244 Resp: 273334
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 11.2 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122203.D
Acq: 31 Oct 2020 3:01

Instrument :
BNA_F
ClientSampleId :
BU-02-102820

Tgt Ion:264 Resp: 194303

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.4	17.3	25.9

