

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
 Data File : BF122165.D
 Acq On : 29 Oct 2020 15:40
 Operator : JU/CG
 Sample : L4547-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-033-IDWSO-20201027

Quant Time: Oct 29 16:09:24 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 26 17:27:32 2020
 Response via : Initial Calibration

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

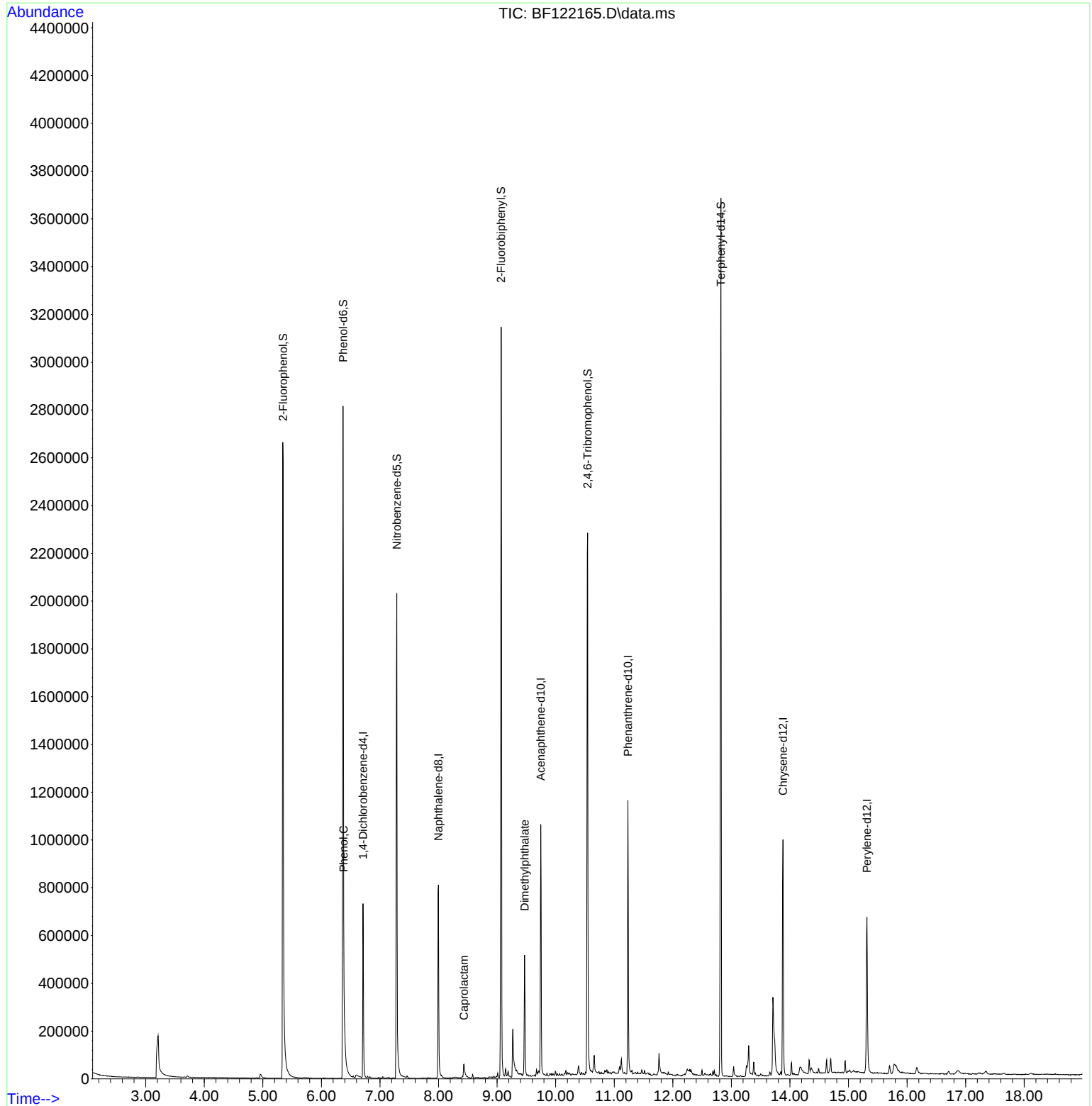
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	103661	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	419488	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	215380	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	402690	20.00	ng	0.00
76) Chrysene-d12	13.880	240	360411	20.00	ng	0.00
86) Perylene-d12	15.316	264	328168	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	879900	125.28	ng	0.01
7) Phenol-d6	6.369	99	1124379	124.36	ng	0.00
23) Nitrobenzene-d5	7.287	82	730024	89.25	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	344620	129.35	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1050543	71.77	ng	0.00
79) Terphenyl-d14	12.822	244	1199029	63.40	ng	0.00
Target Compounds						
10) Phenol	6.381	94	64913	6.96	ng	95
35) Caprolactam	8.434	113	10396	5.09	ng	92
50) Dimethylphthalate	9.469	163	187065	11.88	ng	100

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

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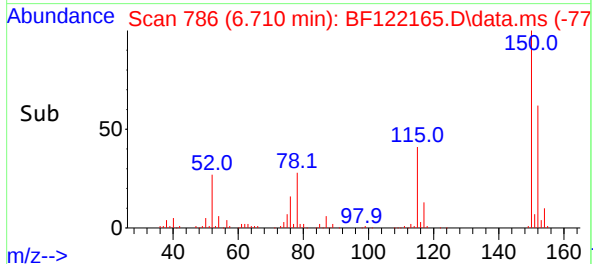
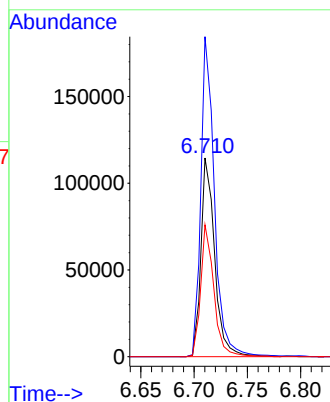
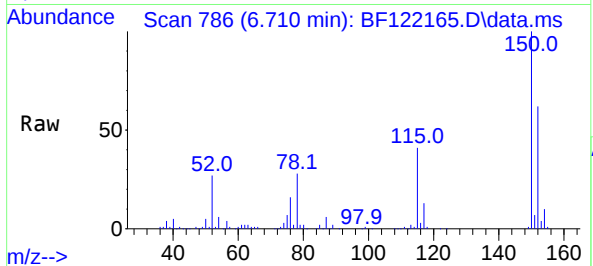




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

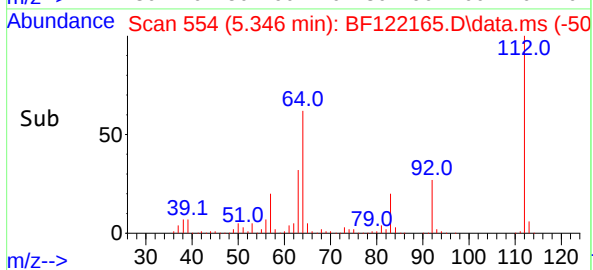
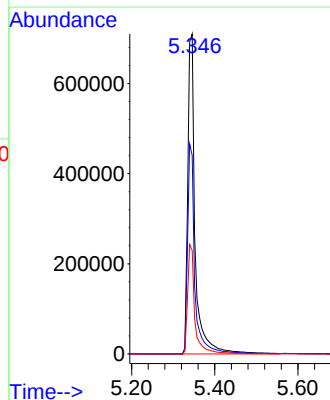
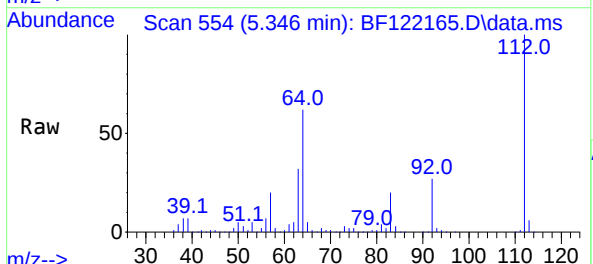
Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027

Tgt Ion:152 Resp: 103661
Ion Ratio Lower Upper
152 100
150 161.0 125.3 187.9
115 66.3 51.9 77.9



#5
2-Fluorophenol
Concen: 125.28 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Tgt Ion:112 Resp: 879900
Ion Ratio Lower Upper
112 100
64 62.0 50.4 75.6
63 32.3 25.8 38.6



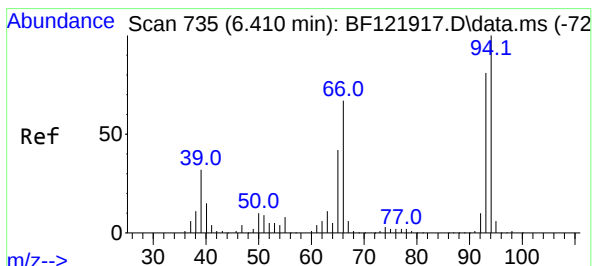
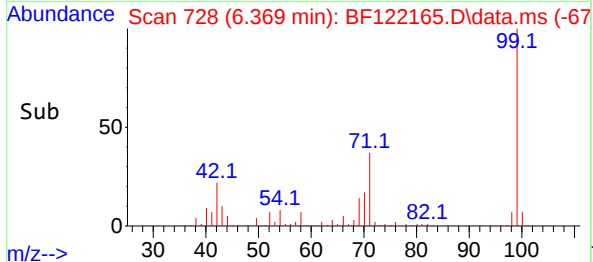
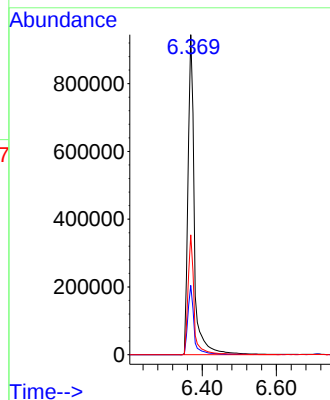
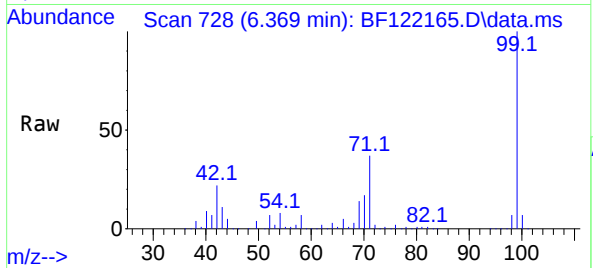


#7
Phenol-d6
Concen: 124.36 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027

Tgt Ion: 99 Resp: 1124379

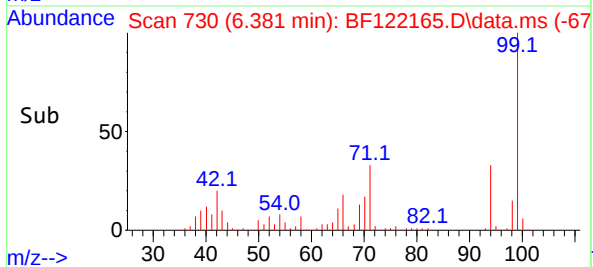
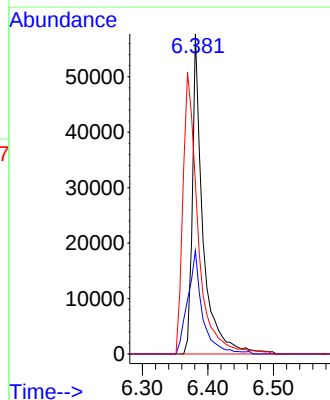
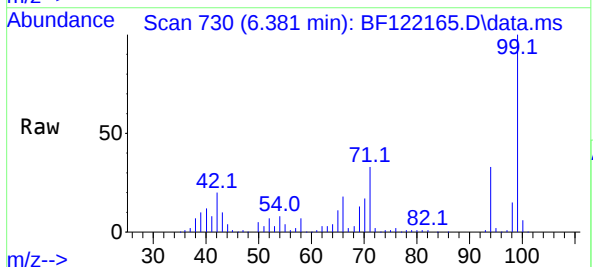
Ion	Ratio	Lower	Upper
99	100		
42	21.7	15.9	23.9
71	37.5	27.1	40.7

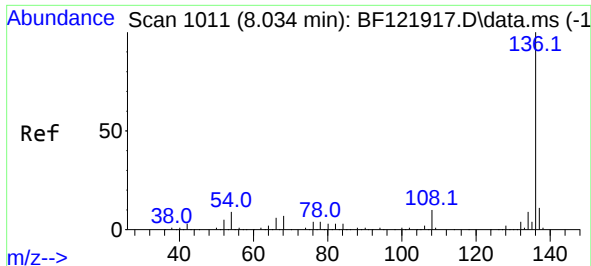


#10
Phenol
Concen: 6.96 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Tgt Ion: 94 Resp: 64913

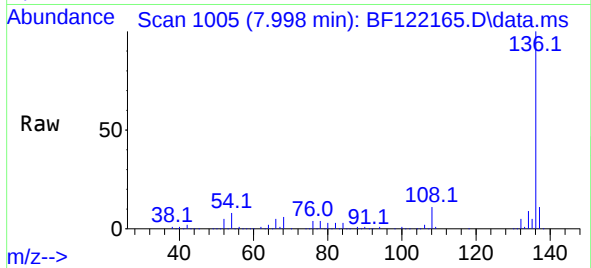
Ion	Ratio	Lower	Upper
94	100		
65	32.3	17.1	57.1
66	53.5	36.0	76.0



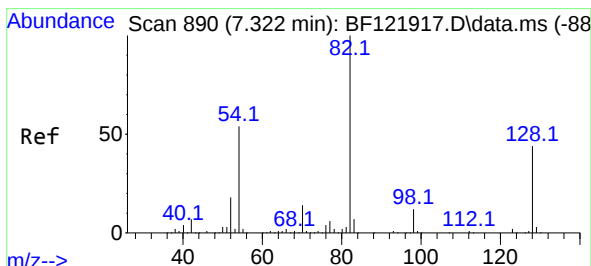
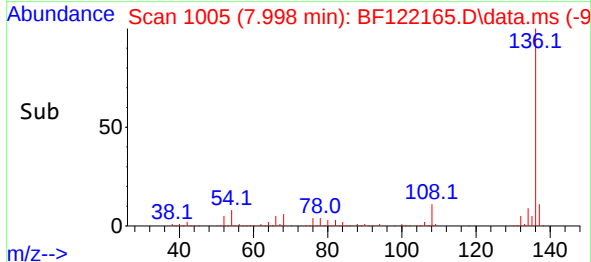
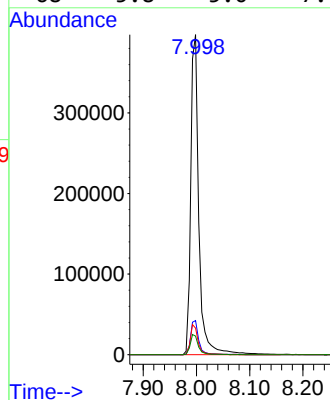


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027

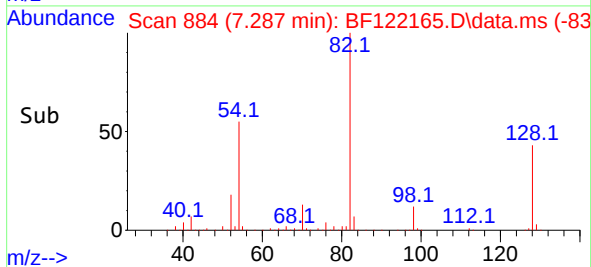
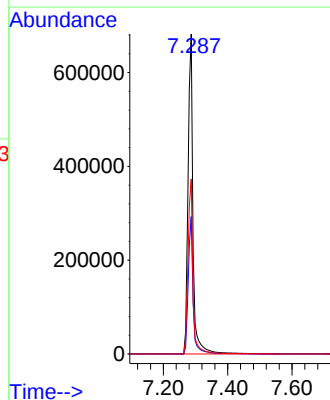
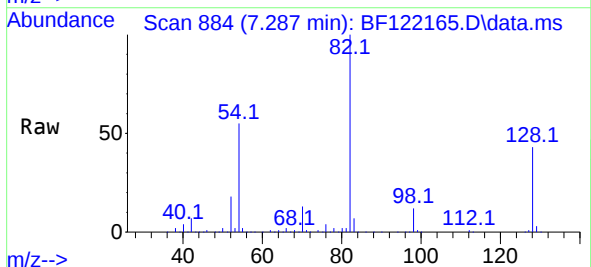


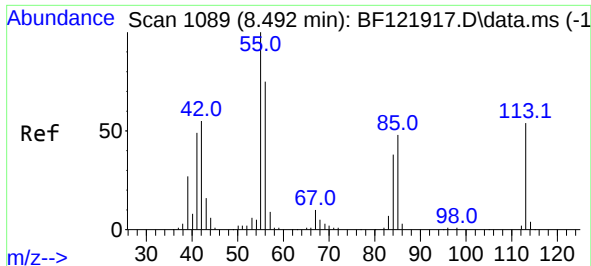
Tgt Ion:136 Resp: 419488
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 7.1 10.7
68 5.8 5.0 7.4



#23
Nitrobenzene-d5
Concen: 89.25 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Tgt Ion: 82 Resp: 730024
Ion Ratio Lower Upper
82 100
128 42.9 35.0 52.4
54 54.6 43.9 65.9



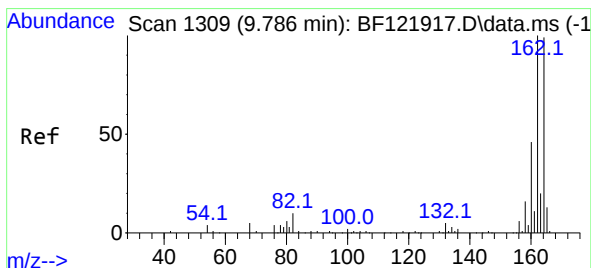
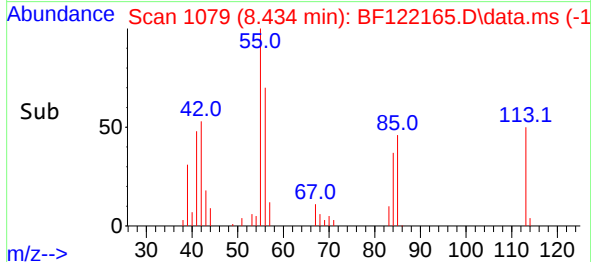
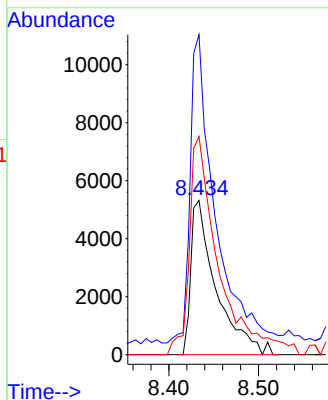
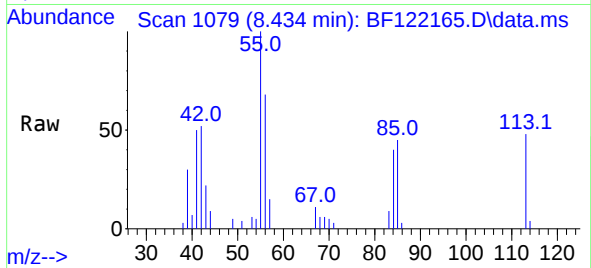


#35
 Caprolactam
 Concen: 5.09 ng
 RT: 8.434 min Scan# 1079
 Delta R.T. -0.029 min
 Lab File: BF122165.D
 Acq: 29 Oct 2020 15:40

Instrument :
 BNA_F
 ClientSampleId :
 TT-033-IDWSO-20201027

Tgt Ion:113 Resp: 10396

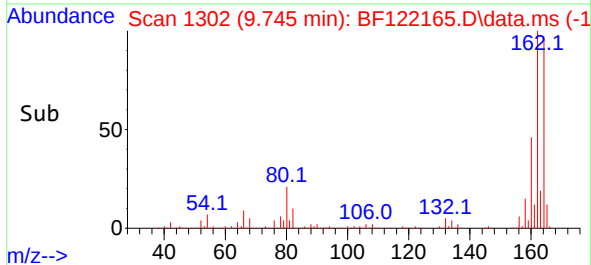
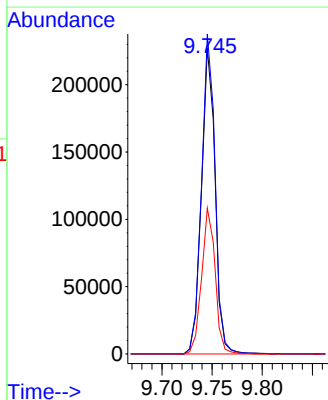
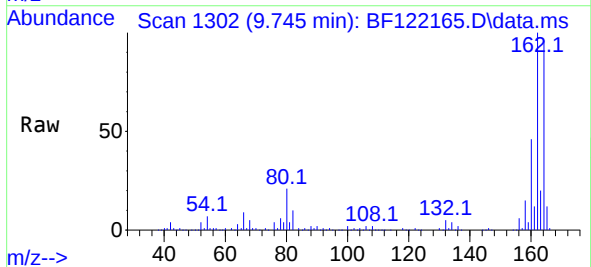
Ion	Ratio	Lower	Upper
113	100		
55	207.4	167.5	207.5
56	141.4	121.2	161.2

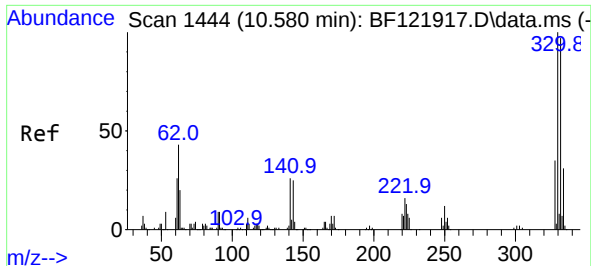


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.745 min Scan# 1302
 Delta R.T. -0.006 min
 Lab File: BF122165.D
 Acq: 29 Oct 2020 15:40

Tgt Ion:164 Resp: 215380

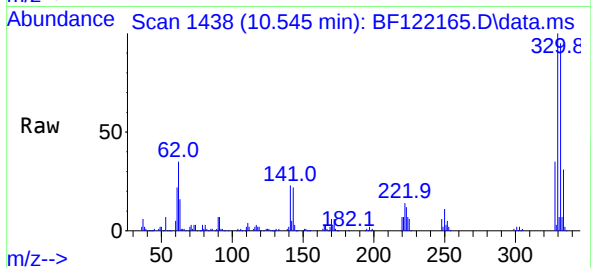
Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.2	124.8
160	47.7	37.5	56.3



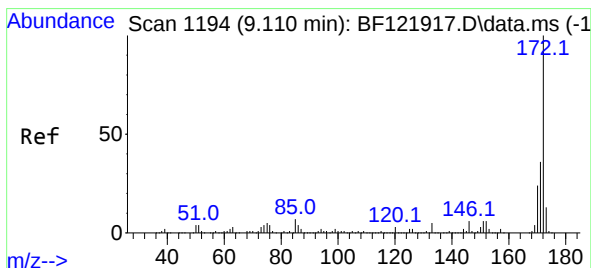
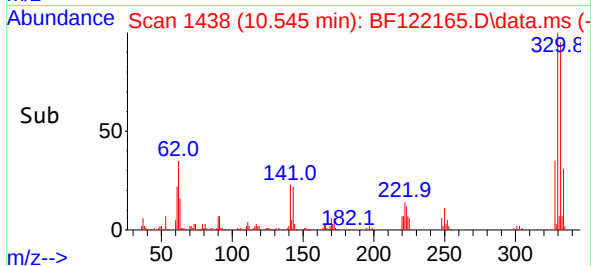
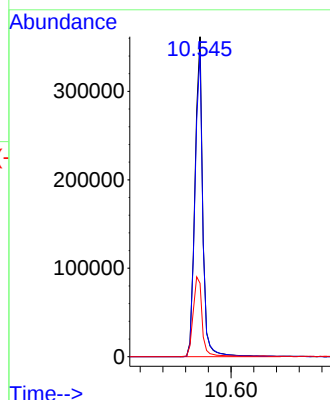


#42
2,4,6-Tribromophenol
Concen: 129.35 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Instrument :
BNA_F
ClientSampleId :
TT-033-IDWSO-20201027

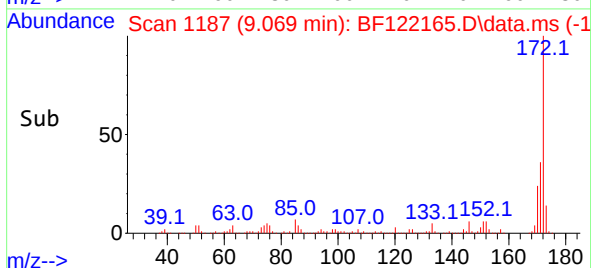
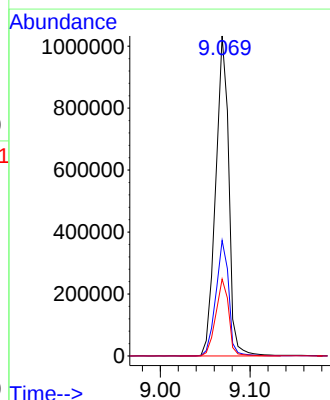
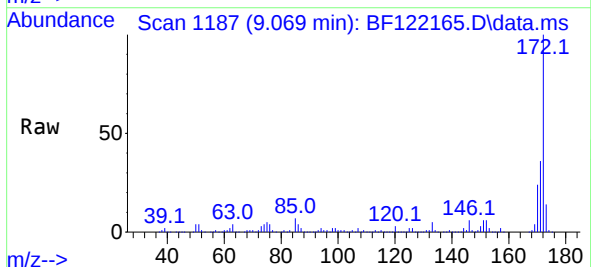


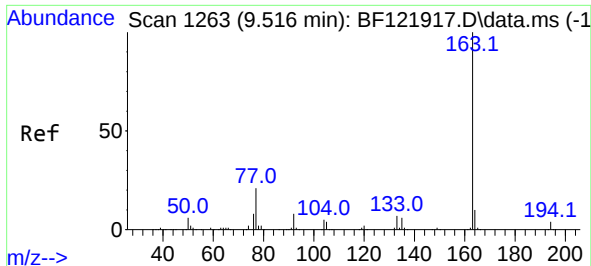
Tgt Ion:330 Resp: 344620
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 29.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 71.77 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Tgt Ion:172 Resp: 1050543
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.1 19.8 29.6



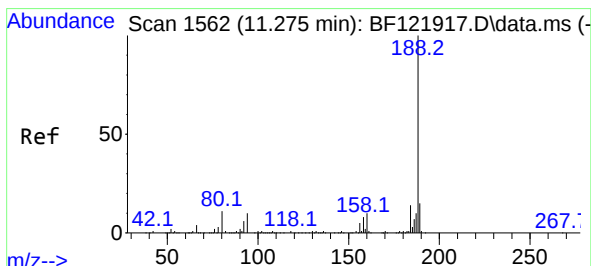
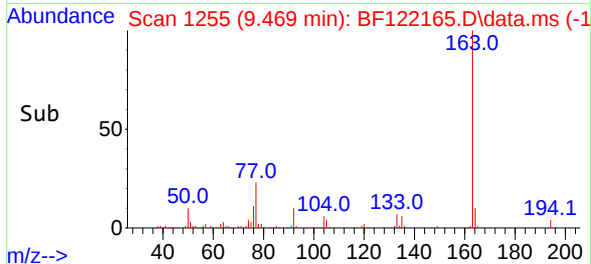
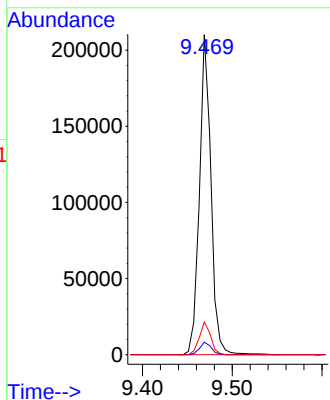
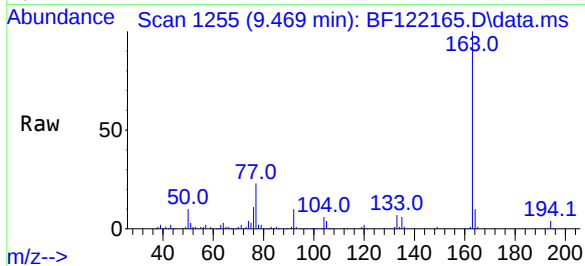


#50
Dimethylphthalate
Concen: 11.88 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 187065

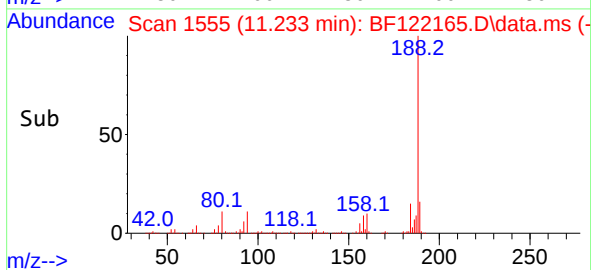
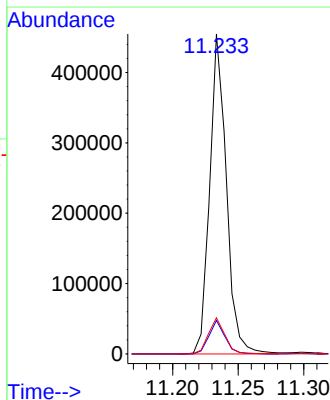
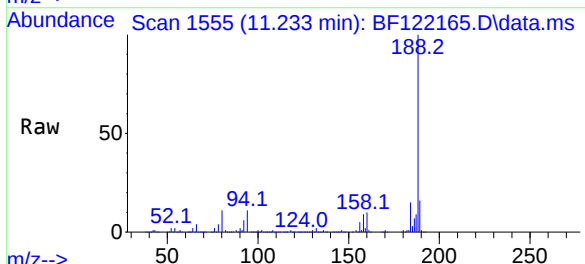
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.2	8.2	12.4

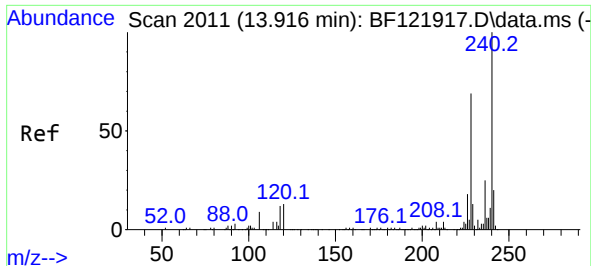


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Tgt Ion:188 Resp: 402690

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.3	9.1	13.7

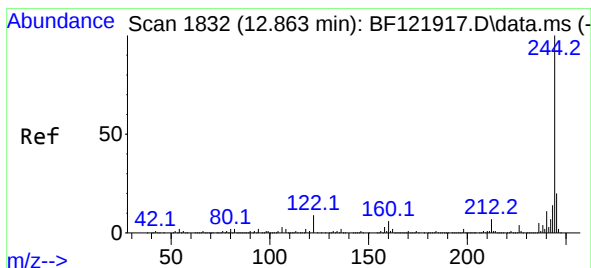
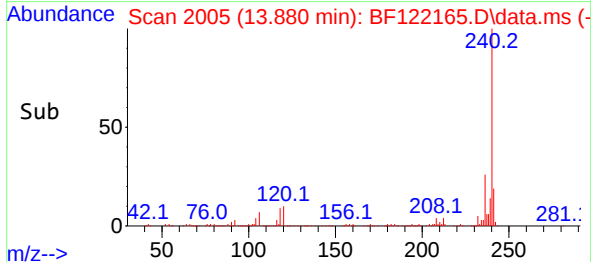
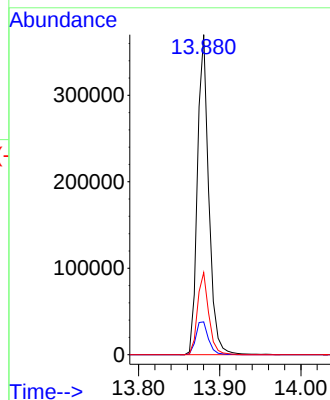
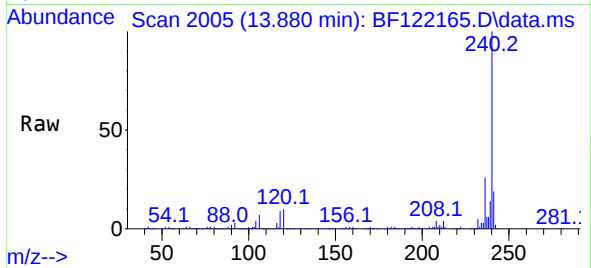




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

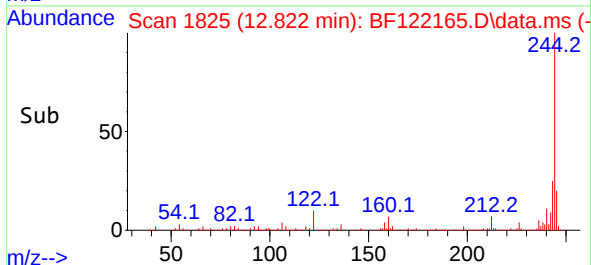
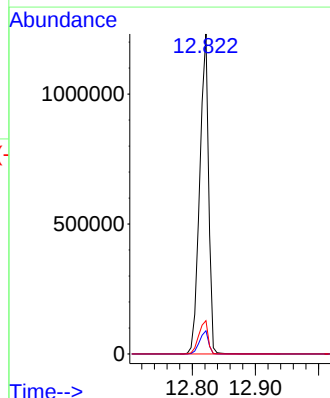
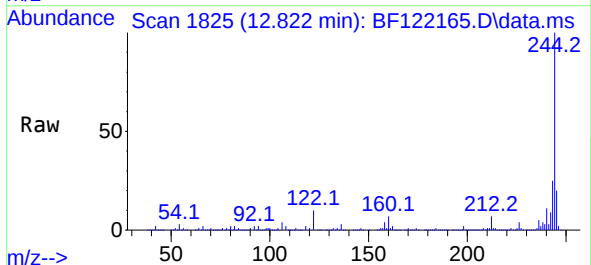
Instrument :
BNA_F
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TT-033-IDWSO-20201027

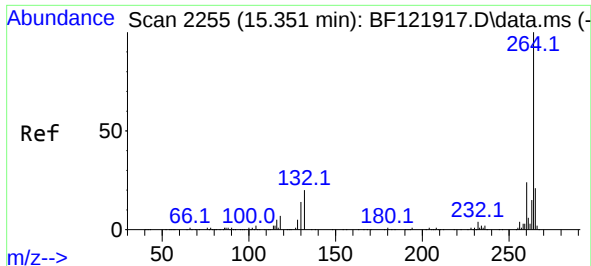
Tgt Ion:240 Resp: 360411
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 63.40 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122165.D
Acq: 29 Oct 2020 15:40

Tgt Ion:244 Resp: 1199029
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.4 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.316 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122165.D
 Acq: 29 Oct 2020 15:40

Instrument :
 BNA_F
 ClientSampleId :
 TT-033-IDWSO-20201027

Tgt Ion:264 Resp: 328168

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.6	17.3	25.9

