

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122209.D
 Acq On : 31 Oct 2020 8:38
 Operator : JU/CG
 Sample : L4227-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-102820

Quant Time: Nov 01 23:50:56 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)

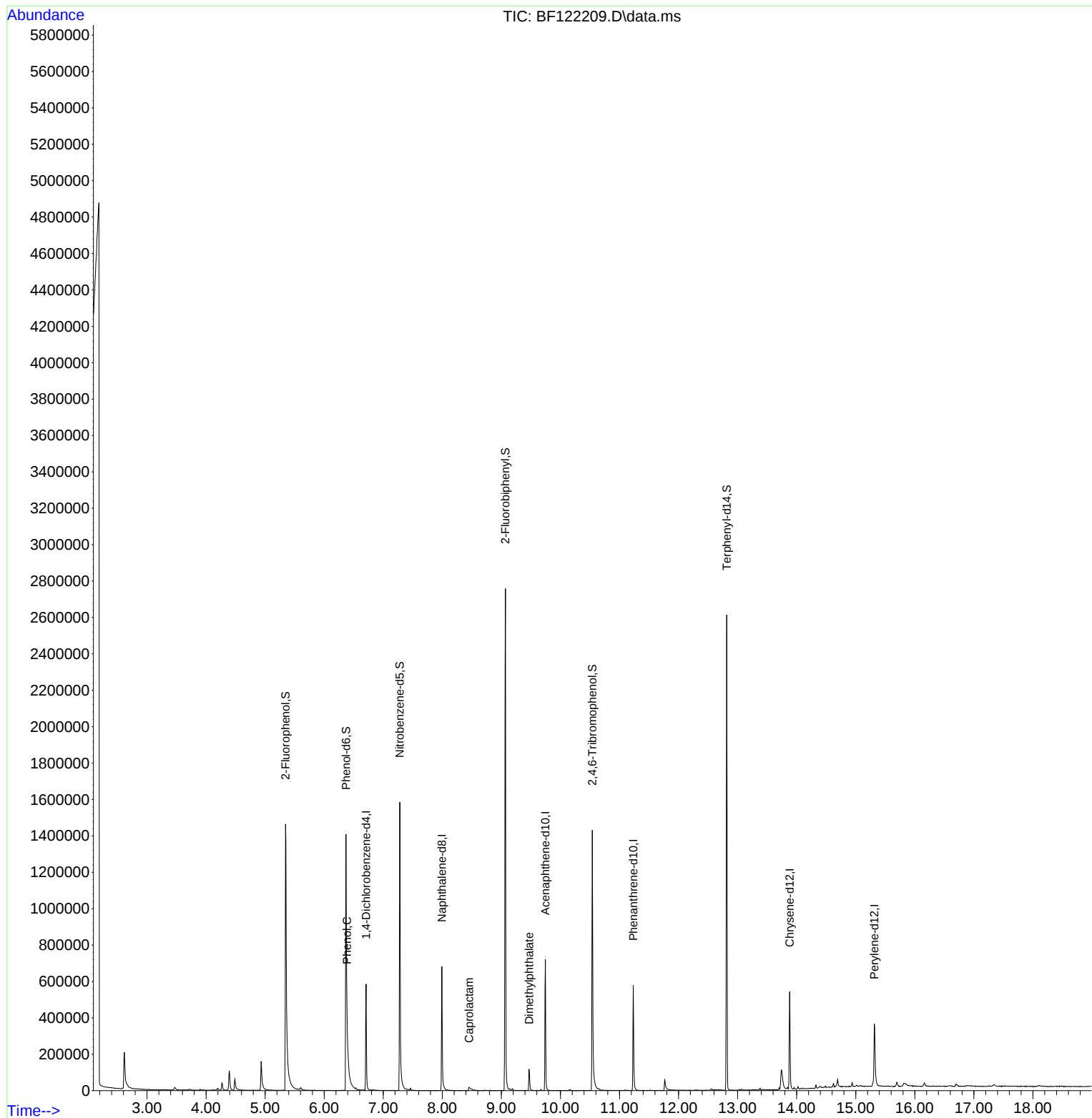
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	88422	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	330773	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	146391	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	228771	20.00	ng	0.00
76) Chrysene-d12	13.880	240	195171	20.00	ng	0.00
86) Perylene-d12	15.315	264	188712	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	609626	101.76	ng	0.01
7) Phenol-d6	6.369	99	675117	87.54	ng	0.00
23) Nitrobenzene-d5	7.281	82	538953	83.56	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	206124	113.83	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	895552	90.01	ng	0.00
79) Terphenyl-d14	12.815	244	768726	75.06	ng	0.00
Target Compounds						
10) Phenol	6.386	94	51817	6.51	ng	91
35) Caprolactam	8.451	113	5165	3.21	ng	100
50) Dimethylphthalate	9.469	163	57331	5.36	ng	99

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

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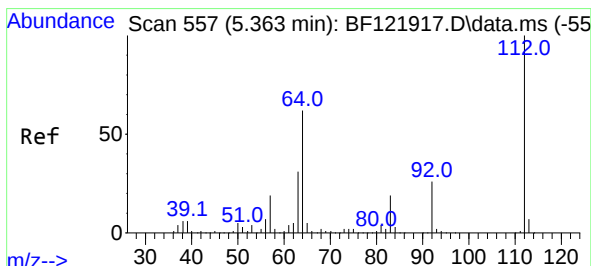
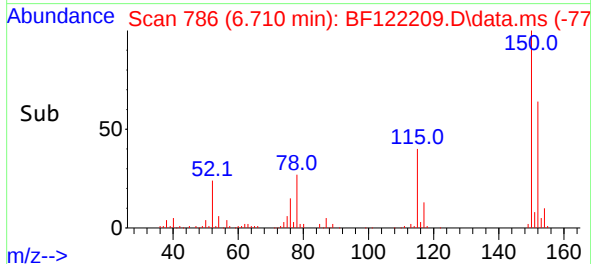
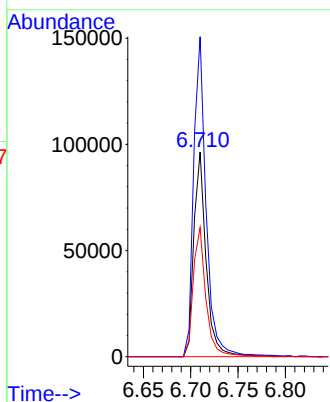
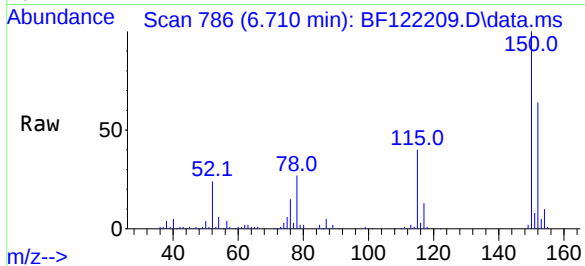




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

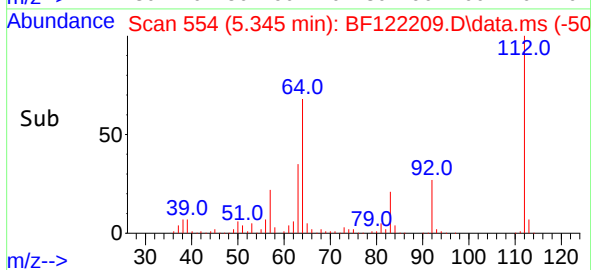
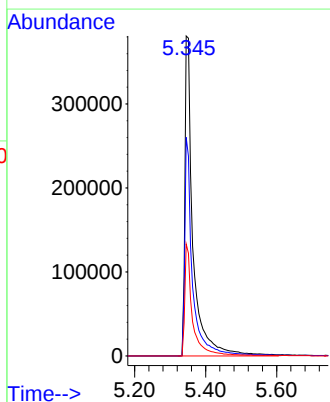
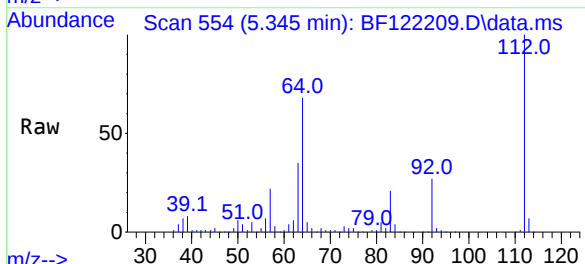
Instrument :
BNA_F
ClientSampleId :
BU-02-102820

Tgt Ion:152 Resp: 88422
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 63.1 51.9 77.9



#5
2-Fluorophenol
Concen: 101.76 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Tgt Ion:112 Resp: 609626
Ion Ratio Lower Upper
112 100
64 68.3 50.4 75.6
63 35.0 25.8 38.6

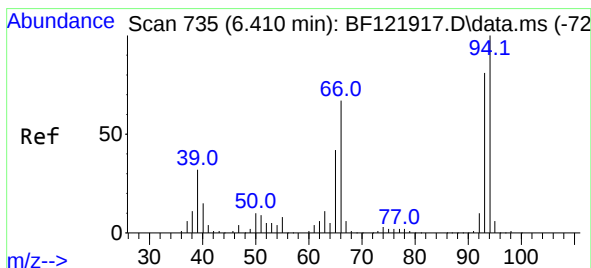
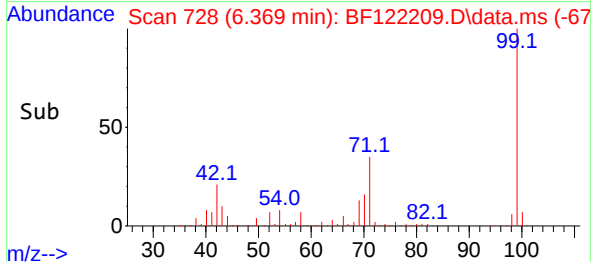
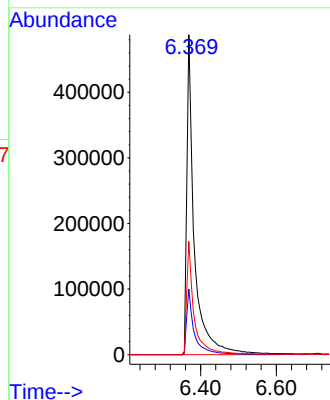
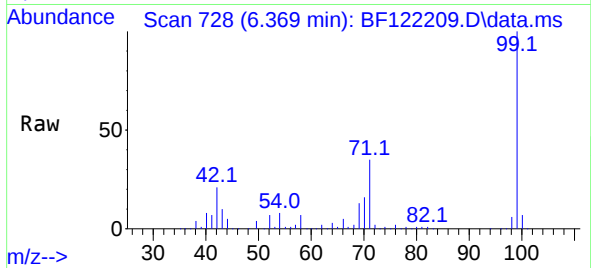




#7
Phenol-d6
Concen: 87.54 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

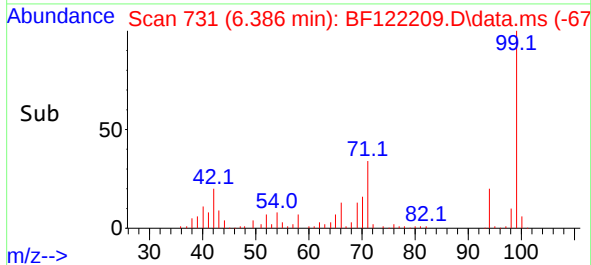
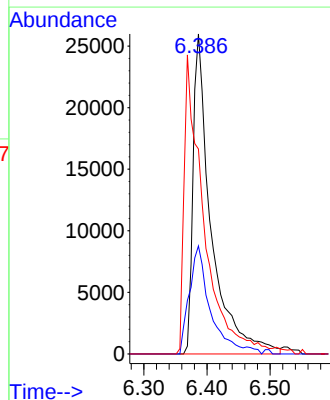
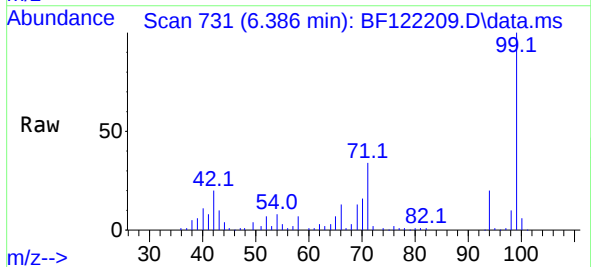
Instrument :
BNA_F
ClientSampleId :
BU-02-102820

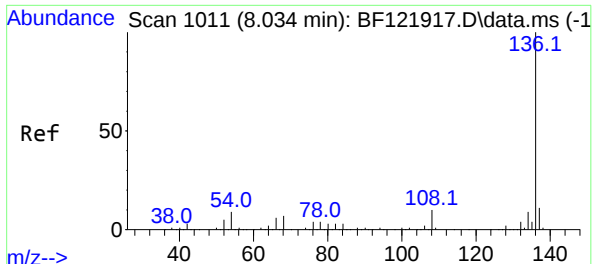
Tgt Ion: 99 Resp: 675117
Ion Ratio Lower Upper
99 100
42 20.5 15.9 23.9
71 35.4 27.1 40.7



#10
Phenol
Concen: 6.51 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.005 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Tgt Ion: 94 Resp: 51817
Ion Ratio Lower Upper
94 100
65 33.8 17.1 57.1
66 64.1 36.0 76.0



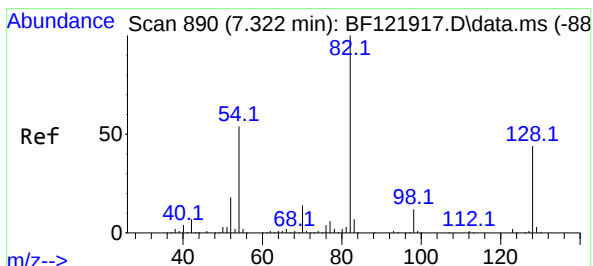
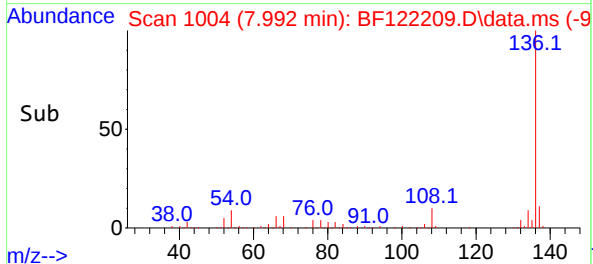
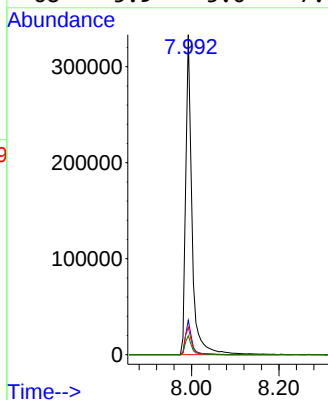
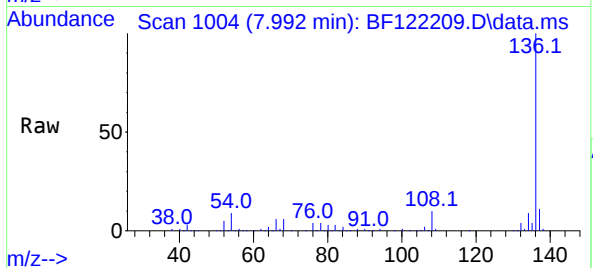


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Instrument :
BNA_F
ClientSampleId :
BU-02-102820

Tgt Ion:136 Resp: 330773

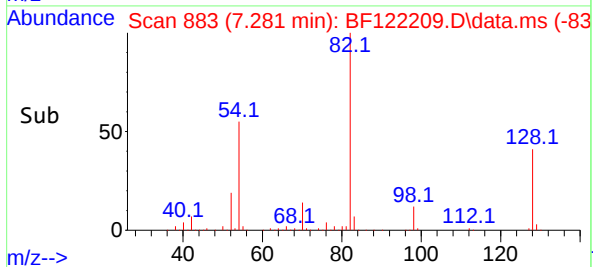
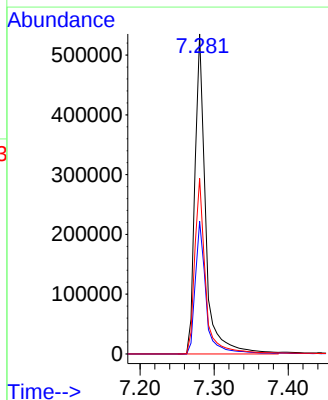
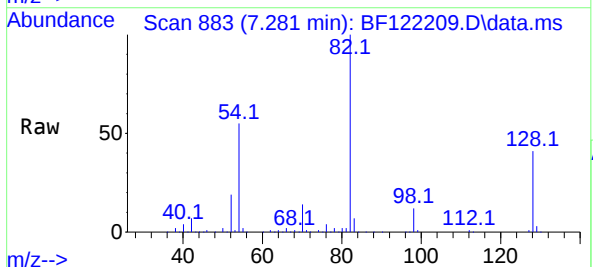
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.6	7.1	10.7
68	5.9	5.0	7.4

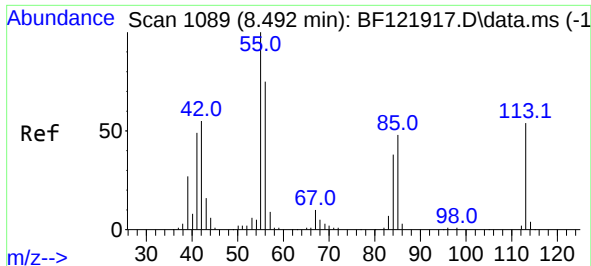


#23
Nitrobenzene-d5
Concen: 83.56 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Tgt Ion: 82 Resp: 538953

Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.0	52.4
54	54.9	43.9	65.9

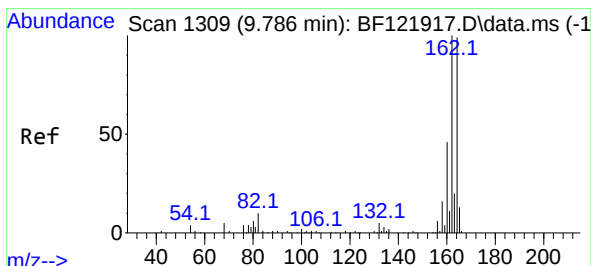
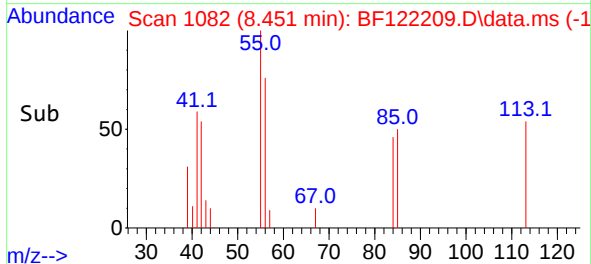
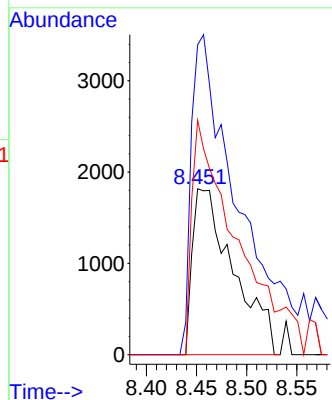
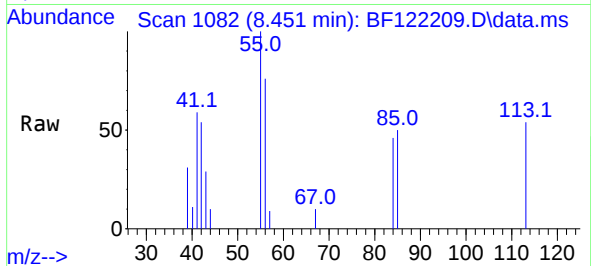




#35
Caprolactam
Concen: 3.21 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.012 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

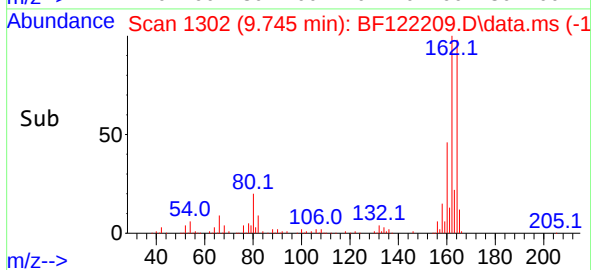
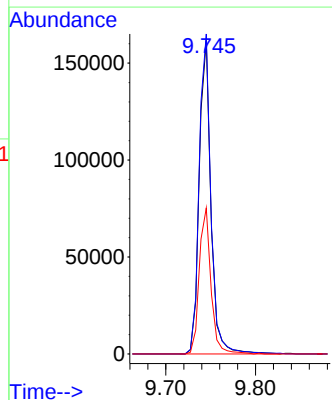
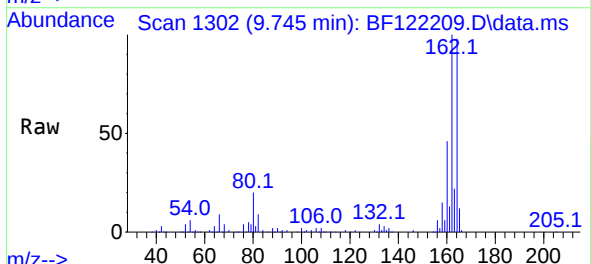
Instrument :
BNA_F
ClientSampleId :
BU-02-102820

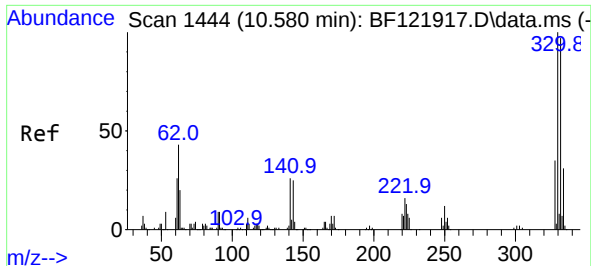
Tgt Ion:113 Resp: 5165
Ion Ratio Lower Upper
113 100
55 186.7 167.5 207.5
56 141.3 121.2 161.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

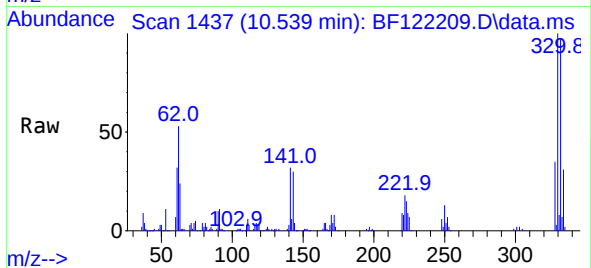
Tgt Ion:164 Resp: 146391
Ion Ratio Lower Upper
164 100
162 102.1 83.2 124.8
160 46.5 37.5 56.3



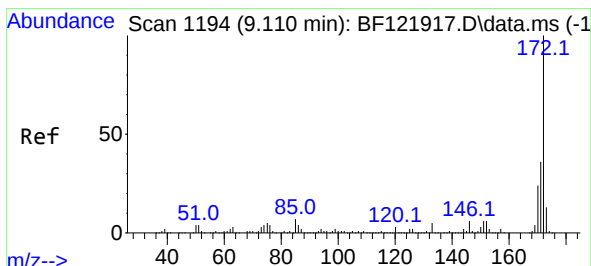
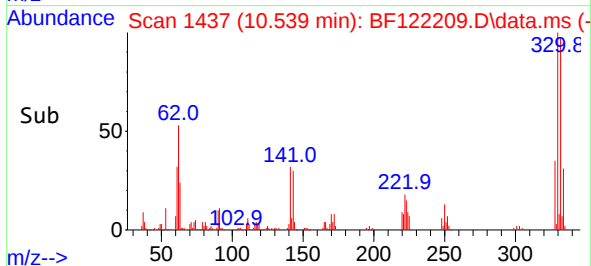
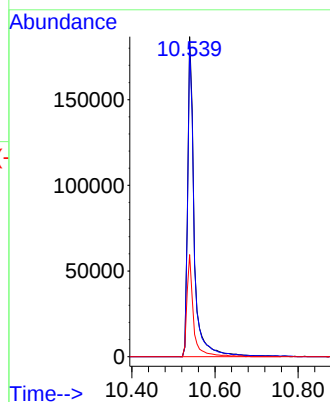


#42
2,4,6-Tribromophenol
Concen: 113.83 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Instrument :
BNA_F
ClientSampleId :
BU-02-102820

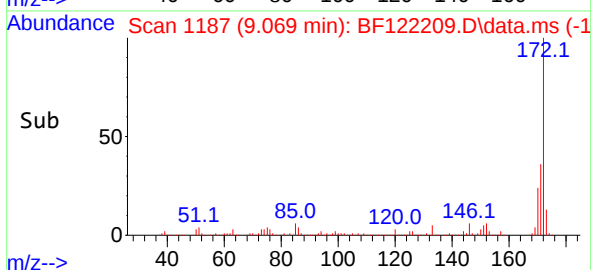
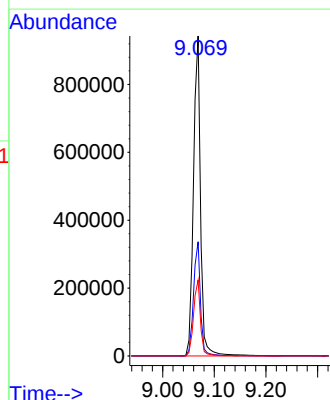
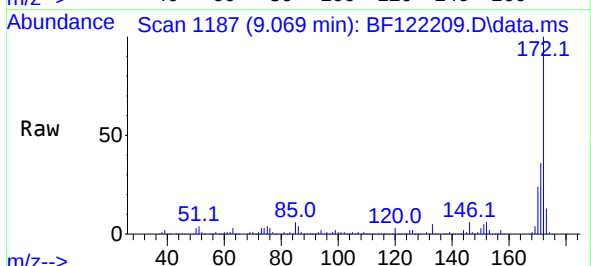


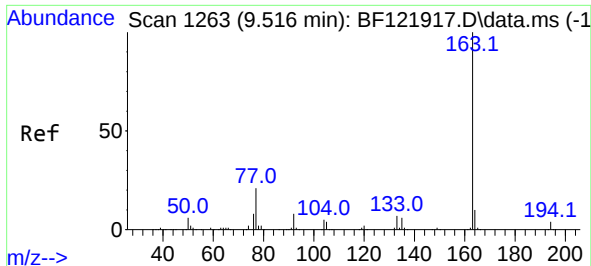
Tgt Ion:330 Resp: 206124
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 31.4 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 90.01 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Tgt Ion:172 Resp: 895552
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 23.8 19.8 29.6

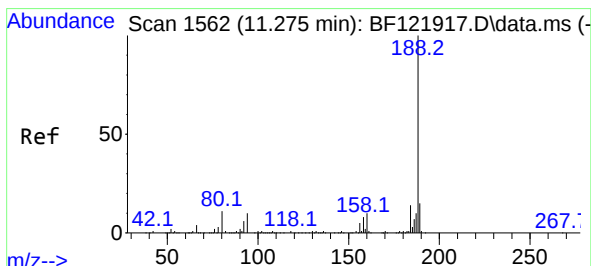
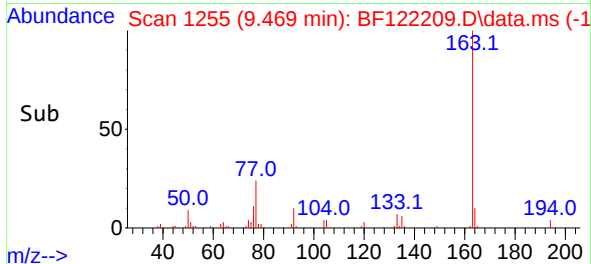
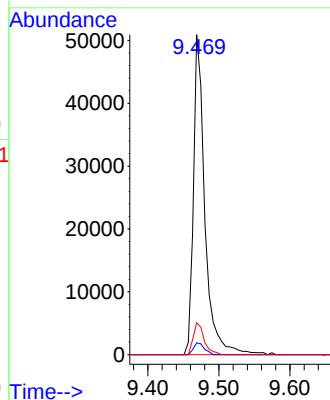
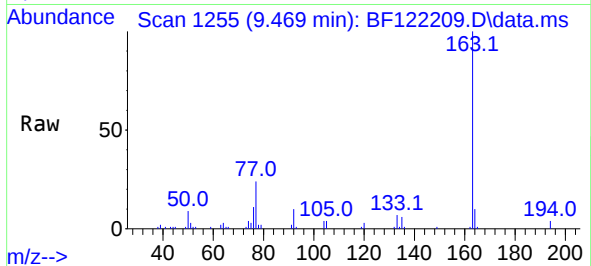




#50
Dimethylphthalate
Concen: 5.36 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

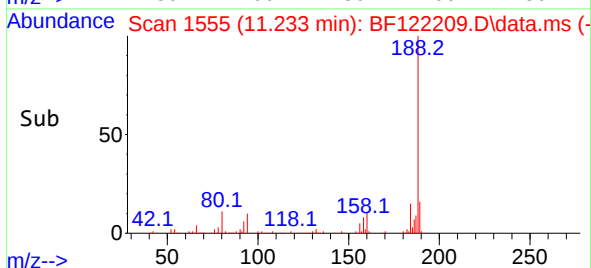
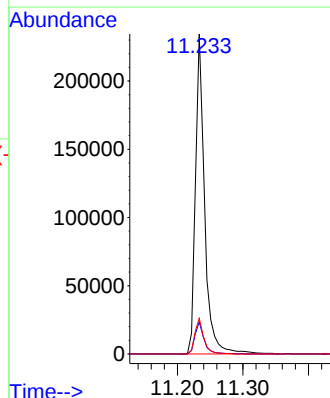
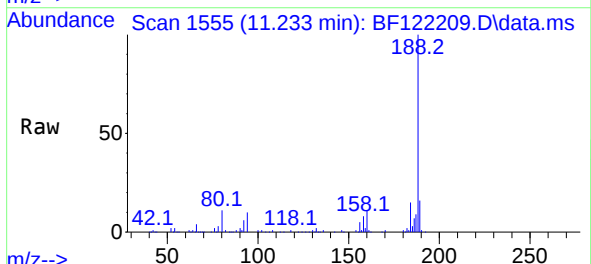
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BU-02-102820

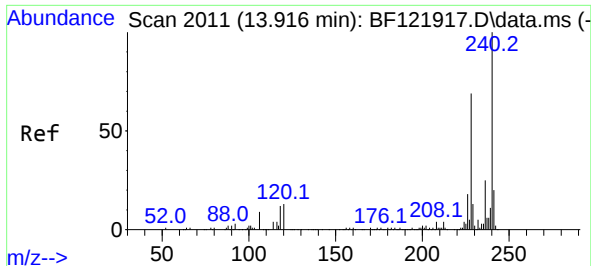
Tgt Ion:163	Resp:	57331
Ion Ratio	Lower	Upper
163	100	
194	3.7	3.3 4.9
164	9.9	8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

Tgt Ion:188	Resp:	228771
Ion Ratio	Lower	Upper
188	100	
94	10.0	8.3 12.5
80	11.2	9.1 13.7

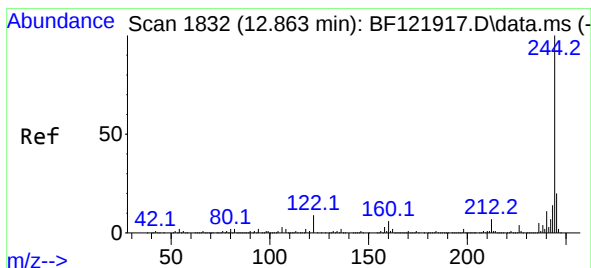
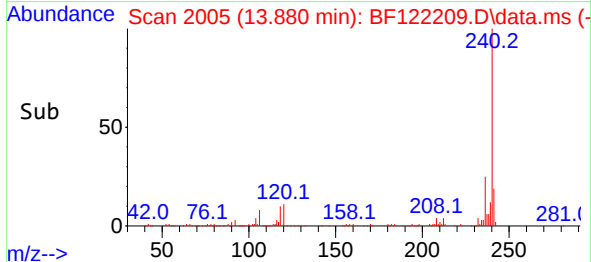
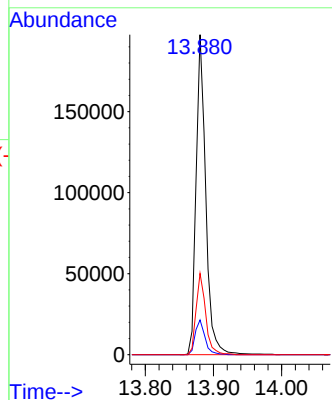
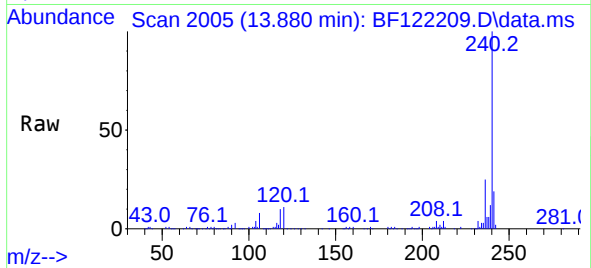




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

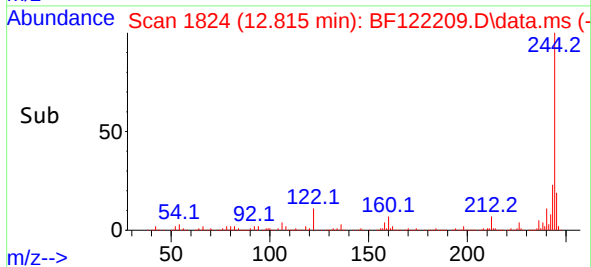
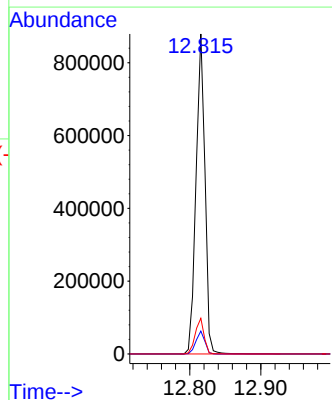
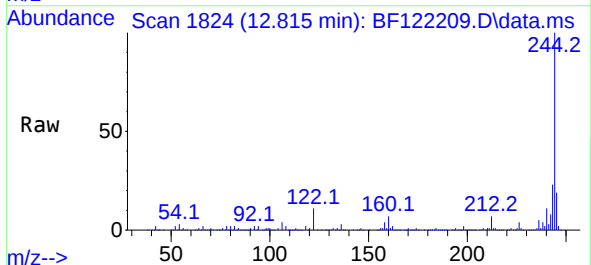
Instrument :
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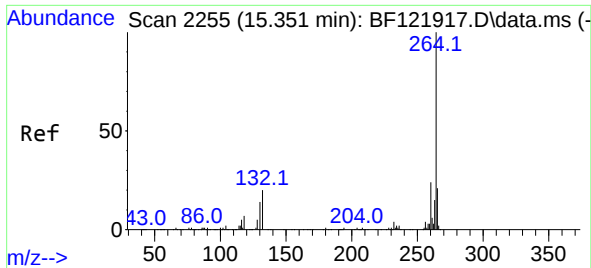
Tgt Ion:240 Resp: 195171
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 75.06 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122209.D
Acq: 31 Oct 2020 8:38

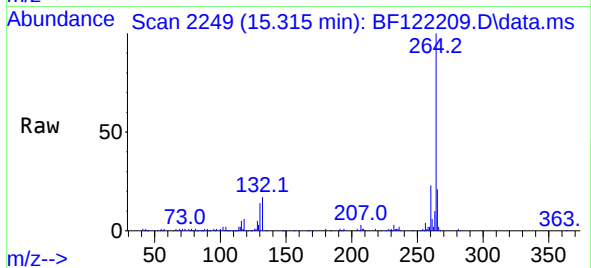
Tgt Ion:244 Resp: 768726
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.1 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.315 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122209.D
 Acq: 31 Oct 2020 8:38

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-102820



Tgt Ion:264 Resp: 188712
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.7 28.1
 265 21.4 17.3 25.9

