

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122233.D
 Acq On : 2 Nov 2020 18:57
 Operator : JU/CG
 Sample : L4215-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-102820

Quant Time: Nov 03 00:04:27 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)

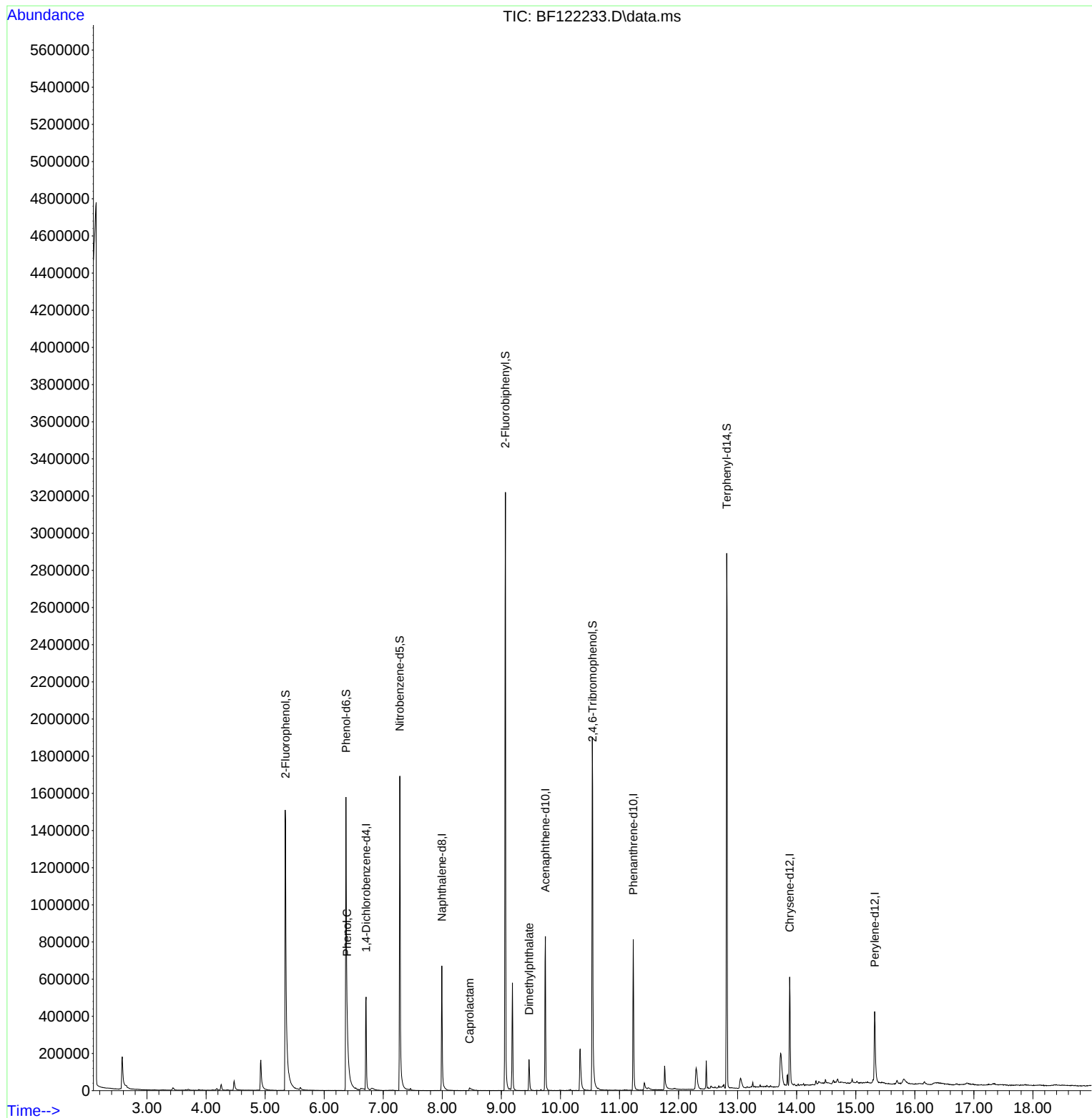
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	80818	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	333313	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	169916	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	319980	20.00	ng	0.00
76) Chrysene-d12	13.880	240	222651	20.00	ng	0.00
86) Perylene-d12	15.321	264	208120	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	659708	120.48	ng	0.01
7) Phenol-d6	6.369	99	760689	107.92	ng	0.00
23) Nitrobenzene-d5	7.281	82	603012	92.78	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	288444	137.23	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1013267	87.74	ng	0.00
79) Terphenyl-d14	12.815	244	940875	80.53	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.386	94	39232	5.39	ng	86
35) Caprolactam	8.463	113	3297	2.03	ng	98
50) Dimethylphthalate	9.469	163	78022	6.28	ng	100

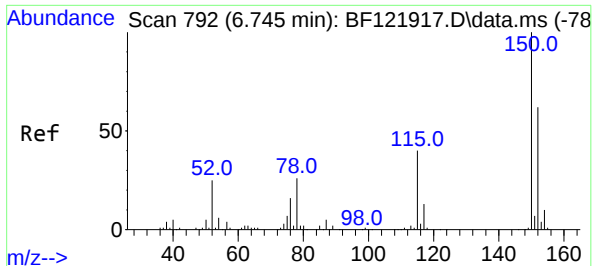
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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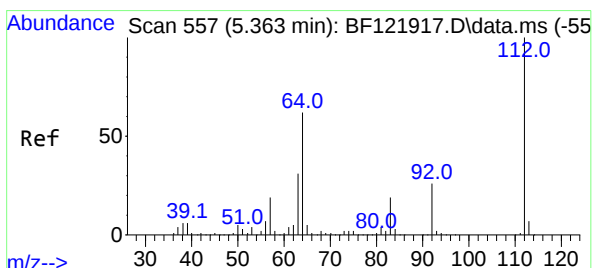
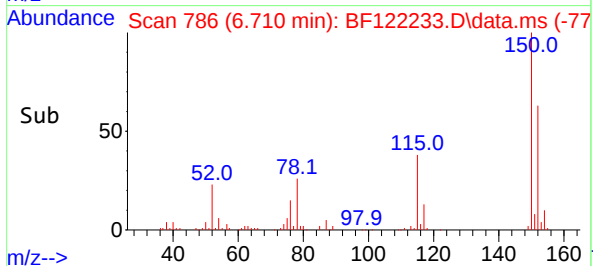
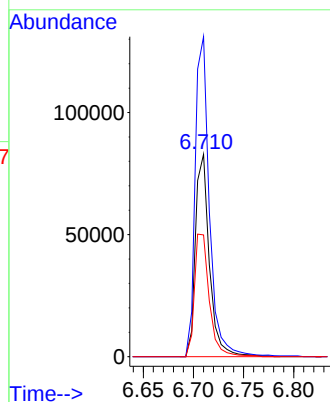
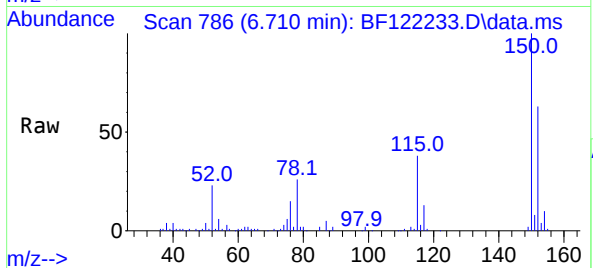




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

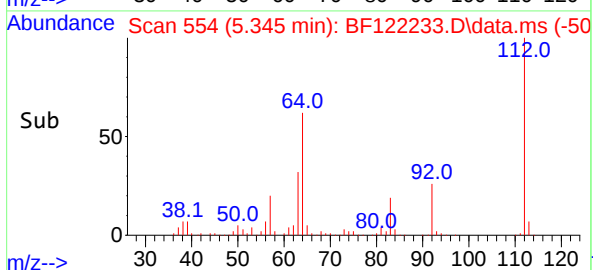
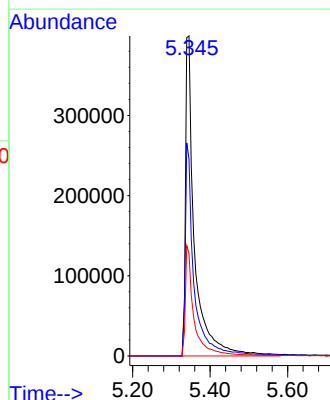
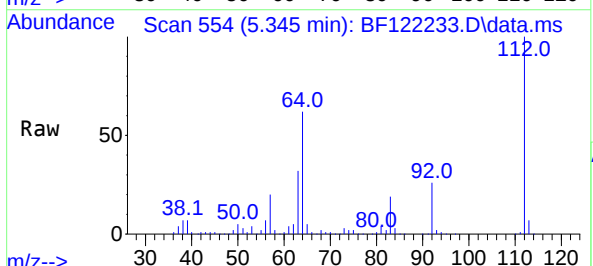
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

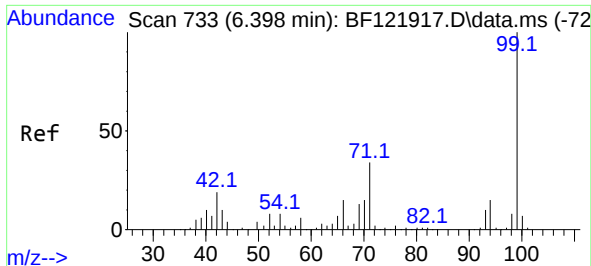
Tgt Ion:152 Resp: 80818
Ion Ratio Lower Upper
152 100
150 158.1 125.3 187.9
115 60.2 51.9 77.9



#5
2-Fluorophenol
Concen: 120.48 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Tgt Ion:112 Resp: 659708
Ion Ratio Lower Upper
112 100
64 61.6 50.4 75.6
63 32.1 25.8 38.6

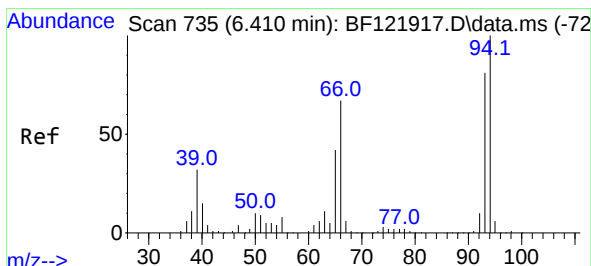
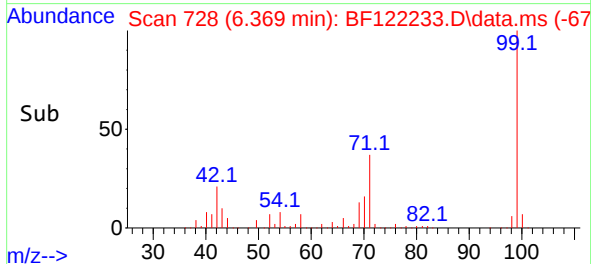
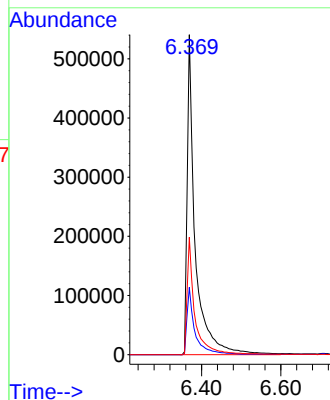
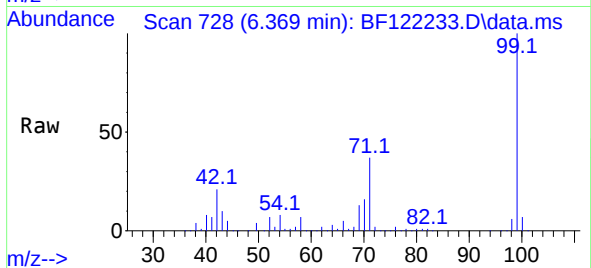




#7
Phenol-d6
Concen: 107.92 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

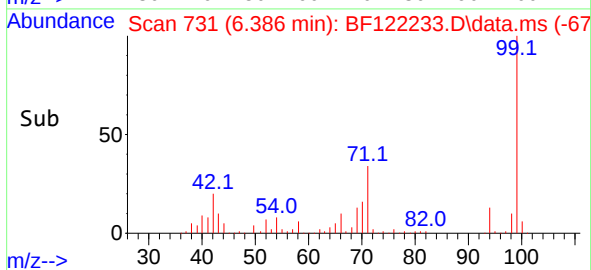
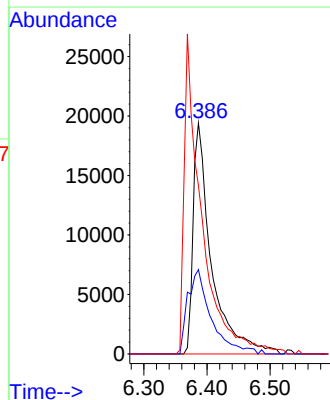
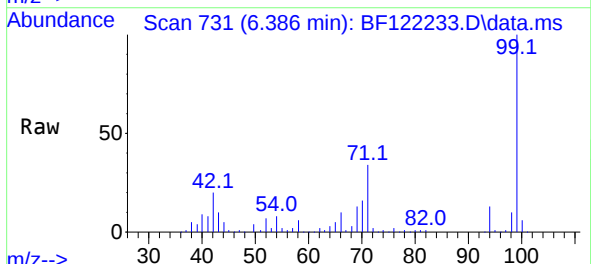
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

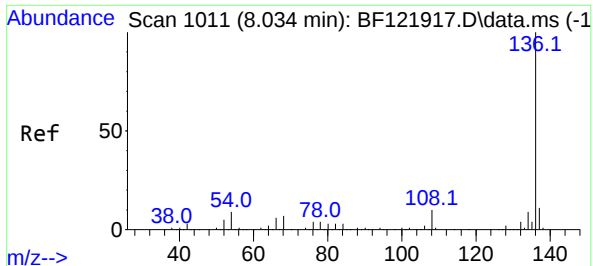
Tgt Ion: 99 Resp: 760689
Ion Ratio Lower Upper
99 100
42 21.0 15.9 23.9
71 36.7 27.1 40.7



#10
Phenol
Concen: 5.39 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.005 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Tgt Ion: 94 Resp: 39232
Ion Ratio Lower Upper
94 100
65 36.5 17.1 57.1
66 72.9 36.0 76.0



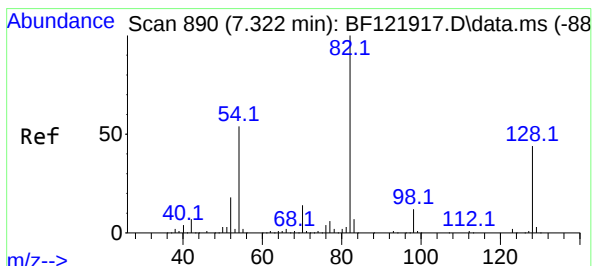
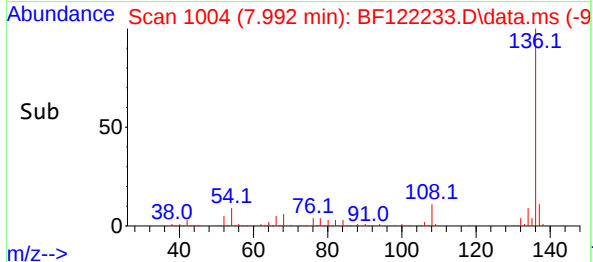
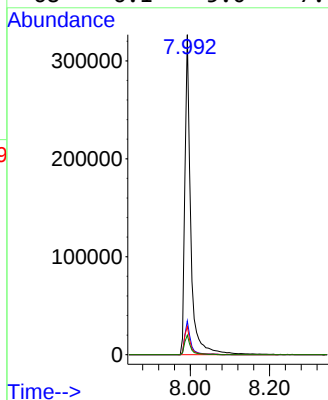
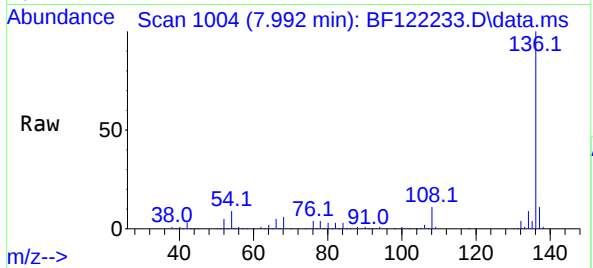


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Instrument :
BNA_F
ClientSampleId :
AU-05-102820

Tgt Ion:136 Resp: 333313

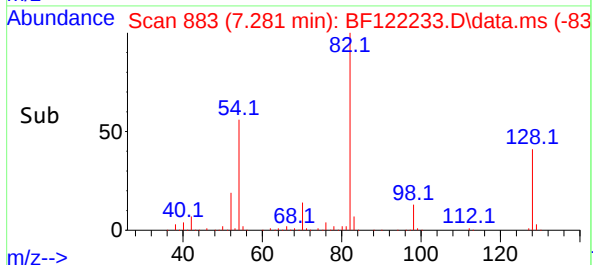
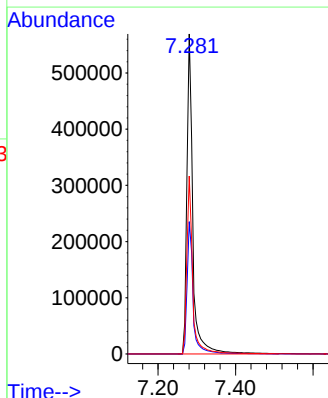
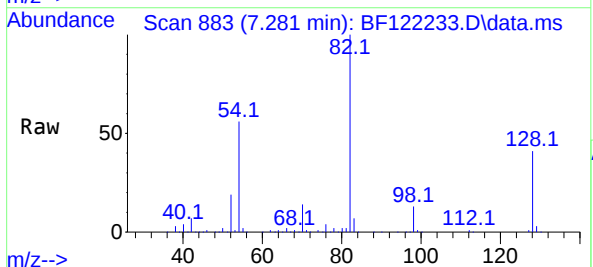
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.8	7.1	10.7
68	6.1	5.0	7.4

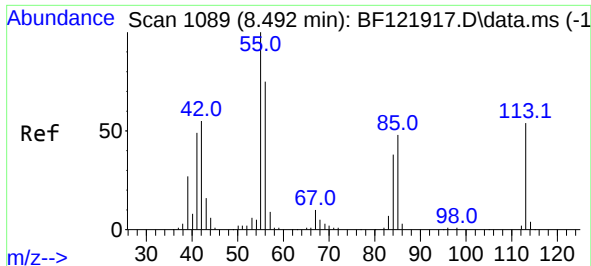


#23
Nitrobenzene-d5
Concen: 92.78 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Tgt Ion: 82 Resp: 603012

Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.0	52.4
54	55.6	43.9	65.9

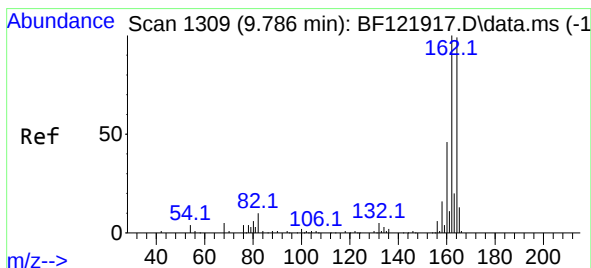
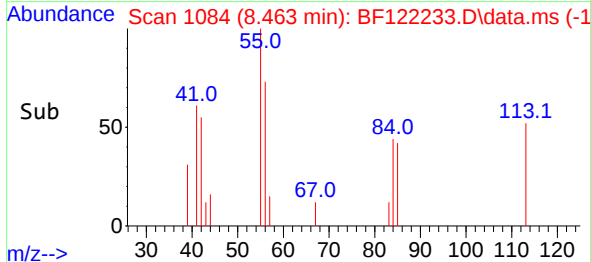
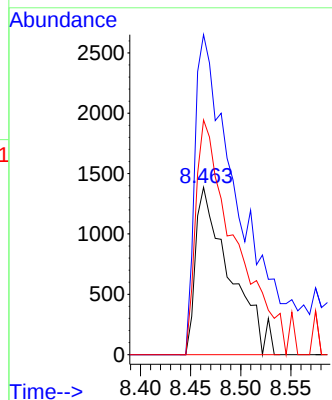
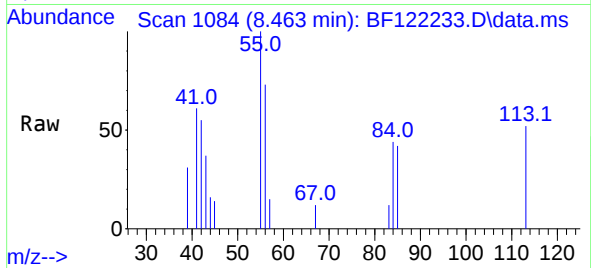




#35
Caprolactam
Concen: 2.03 ng
RT: 8.463 min Scan# 1084
Delta R.T. -0.000 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

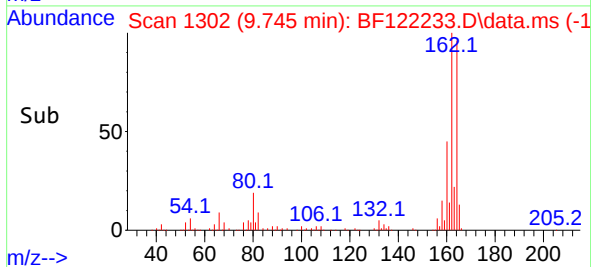
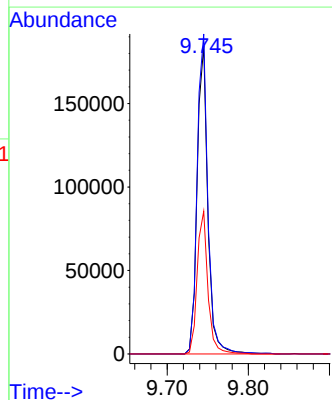
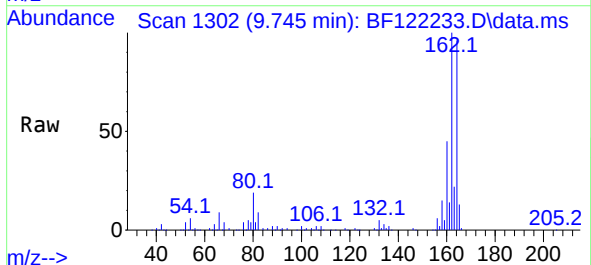
Instrument :
BNA_F
ClientSampleId :
AU-05-102820

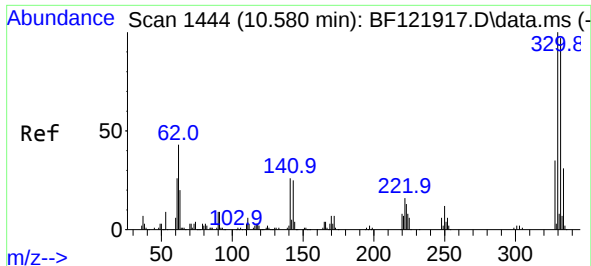
Tgt Ion:113 Resp: 3297
Ion Ratio Lower Upper
113 100
55 191.3 167.5 207.5
56 140.3 121.2 161.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

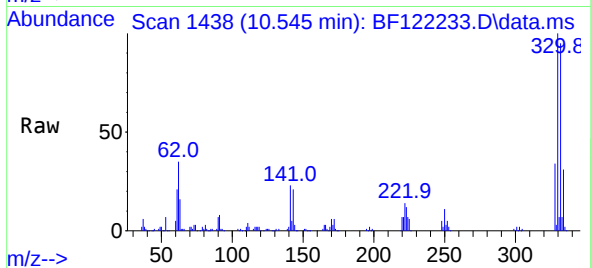
Tgt Ion:164 Resp: 169916
Ion Ratio Lower Upper
164 100
162 104.0 83.2 124.8
160 46.4 37.5 56.3



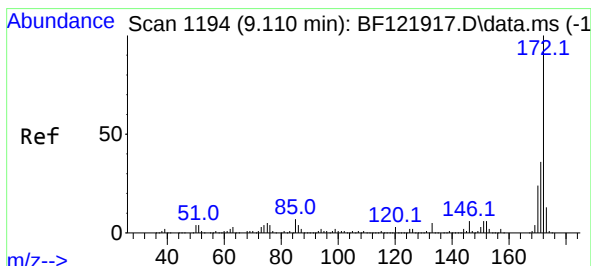
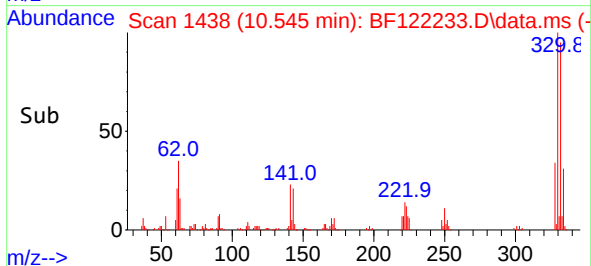
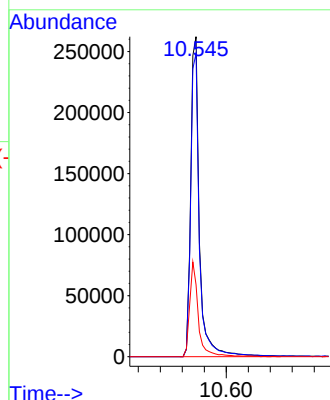


#42
2,4,6-Tribromophenol
Concen: 137.23 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Instrument :
BNA_F
ClientSampleId :
AU-05-102820

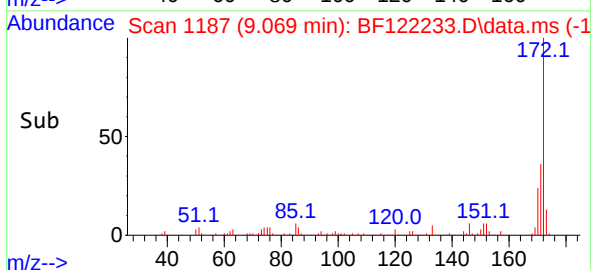
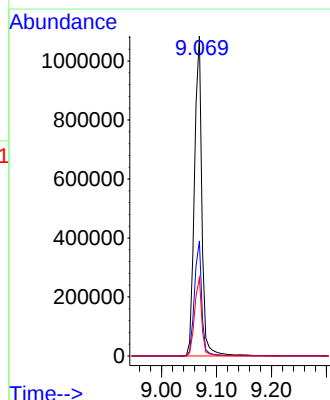
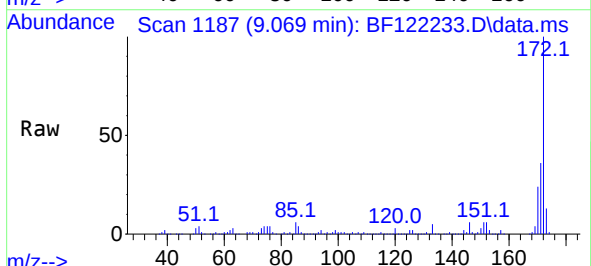


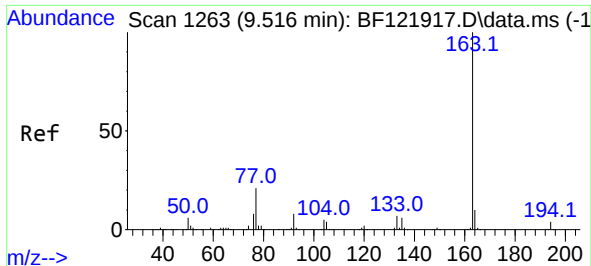
Tgt Ion:330 Resp: 288444
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 29.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 87.74 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Tgt Ion:172 Resp: 1013267
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 24.4 19.8 29.6

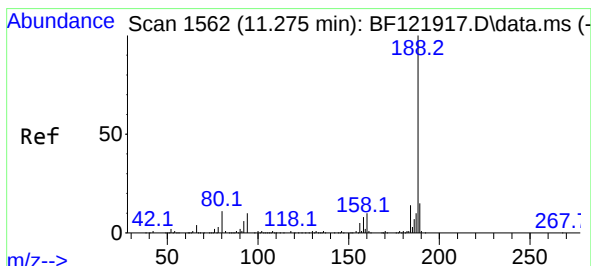
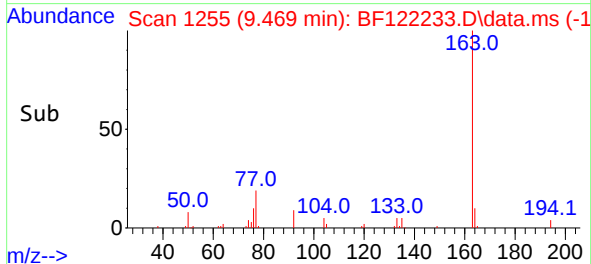
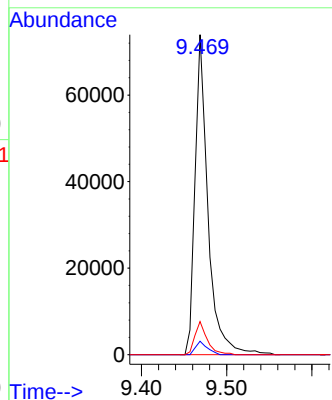
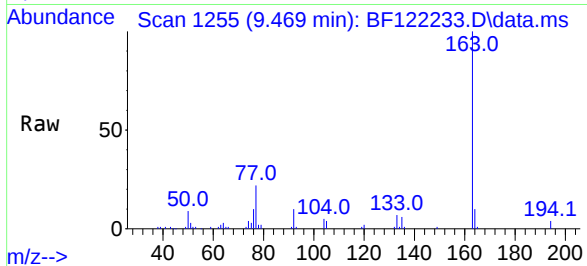




#50
Dimethylphthalate
Concen: 6.28 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

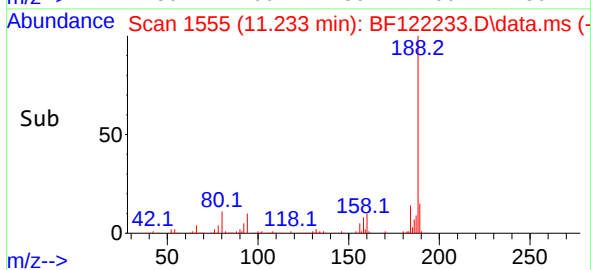
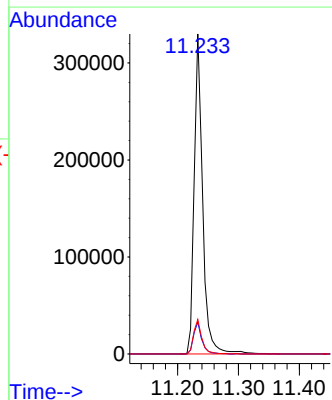
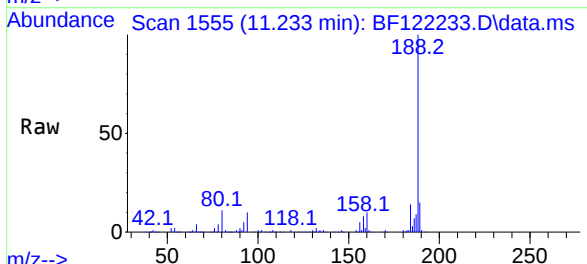
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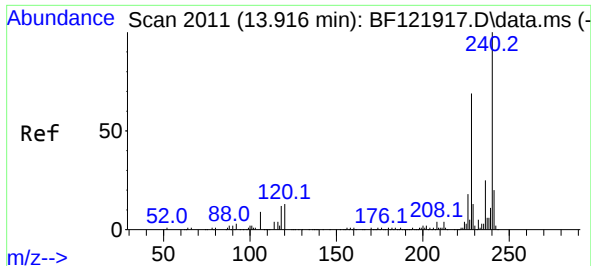
Tgt Ion:163 Resp: 78022
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Tgt Ion:188 Resp: 319980
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.8 9.1 13.7

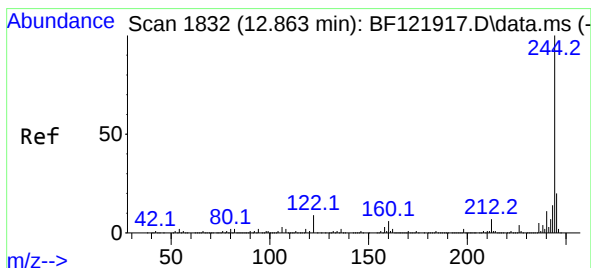
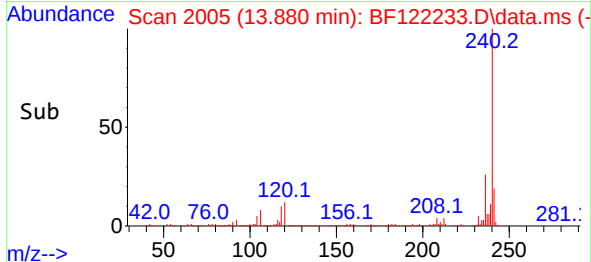
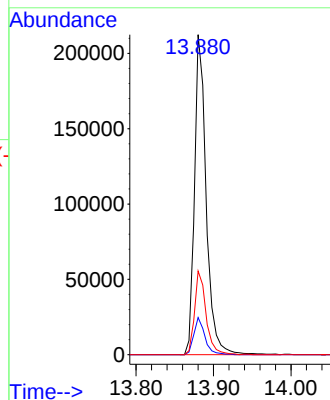
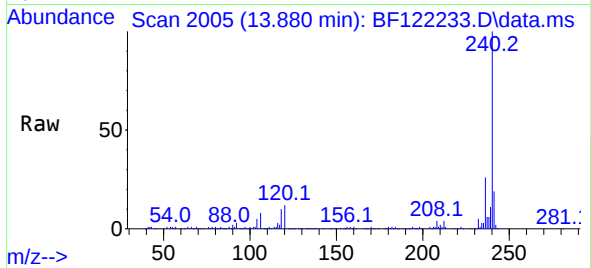




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

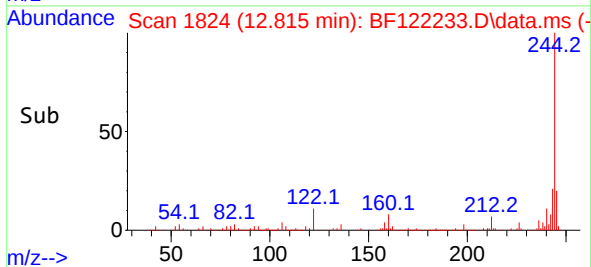
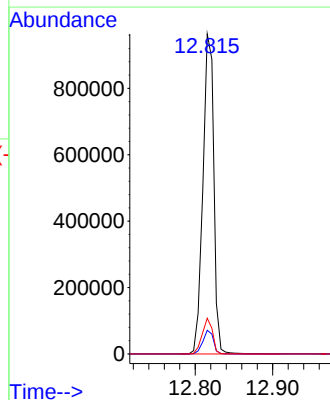
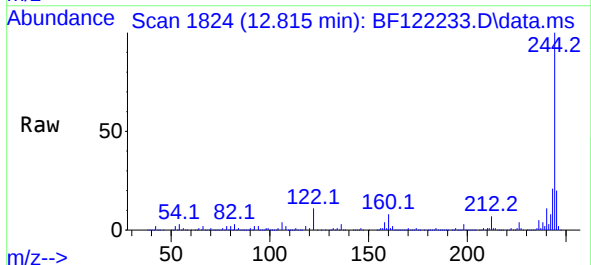
Instrument :
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AU-05-102820

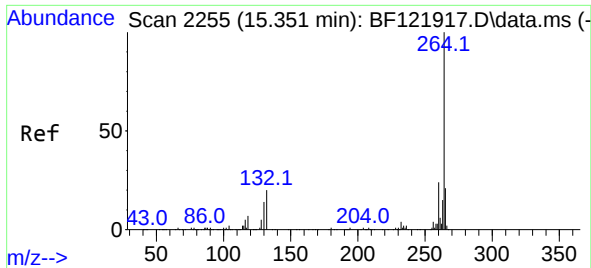
Tgt Ion:240 Resp: 222651
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 26.2 20.9 31.3



#79
Terphenyl-d14
Concen: 80.53 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122233.D
Acq: 2 Nov 2020 18:57

Tgt Ion:244 Resp: 940875
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 11.1 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. 0.017 min
 Lab File: BF122233.D
 Acq: 2 Nov 2020 18:57

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-102820

Tgt Ion:264 Resp: 208120
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 21.2 17.3 25.9

