

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122192.D
 Acq On : 30 Oct 2020 21:20
 Operator : JU/CG
 Sample : L4541-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20-105

Quant Time: Oct 31 02:56:18 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)

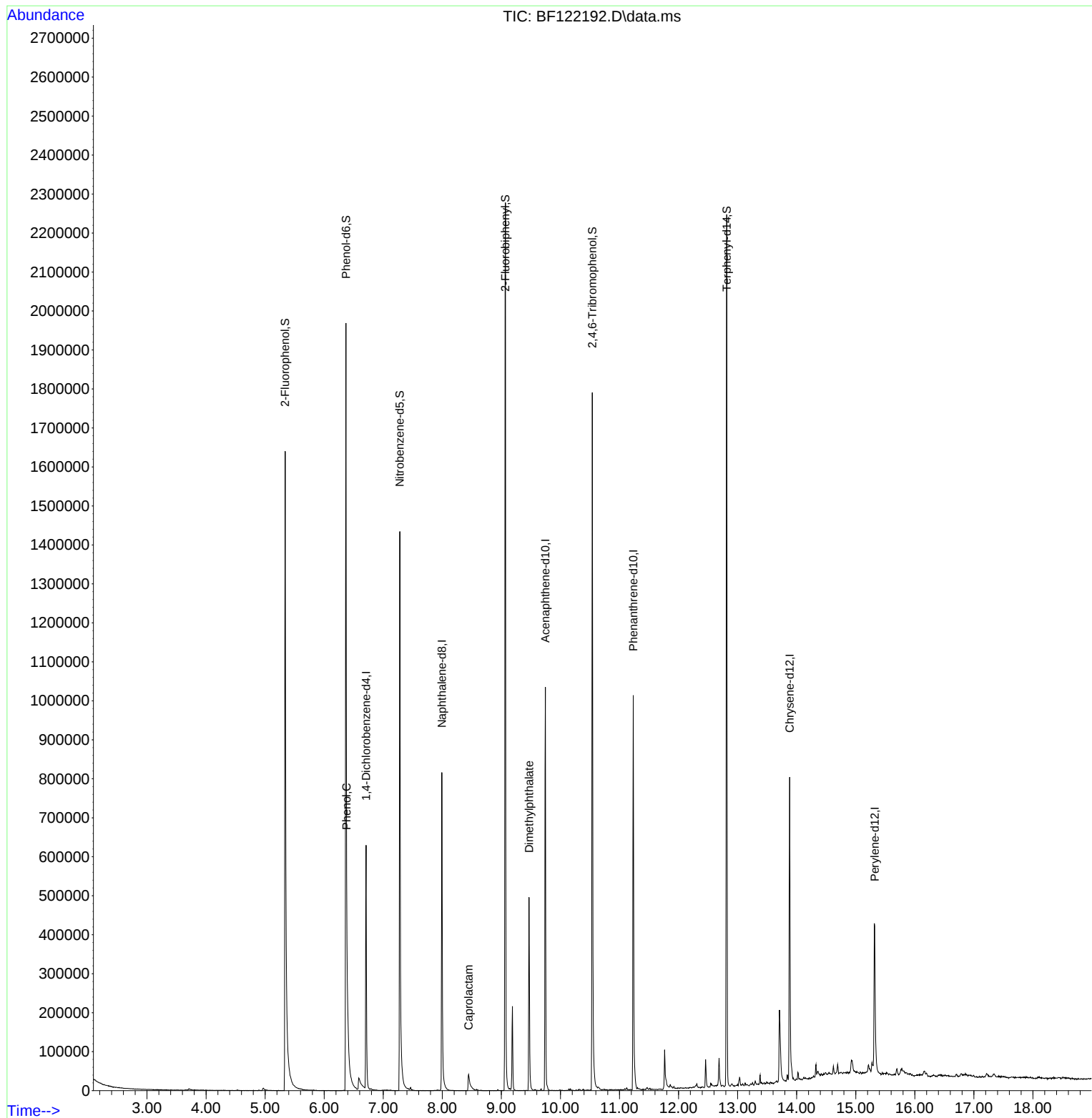
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	99195	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	396380	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	206962	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	388084	20.00	ng	0.00
76) Chrysene-d12	13.880	240	262079	20.00	ng	0.00
86) Perylene-d12	15.321	264	212627	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	624564	92.93	ng	0.00
7) Phenol-d6	6.369	99	791947	91.54	ng	0.00
23) Nitrobenzene-d5	7.281	82	507874	65.71	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	234547	91.61	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	753944	53.60	ng	0.00
79) Terphenyl-d14	12.815	244	666618	48.47	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.381	94	42577	4.77	ng	87
35) Caprolactam	8.445	113	9459	4.90	ng	96
50) Dimethylphthalate	9.469	163	202247	13.36	ng	100

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

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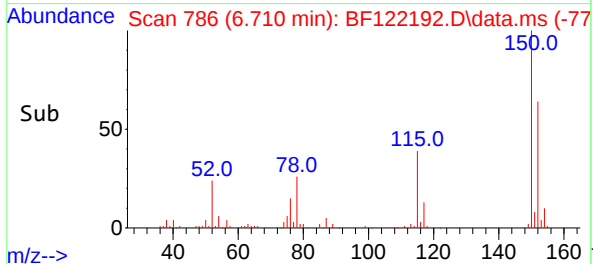
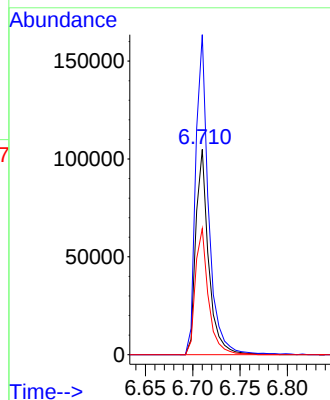
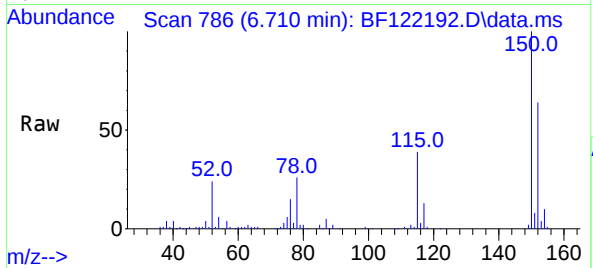




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

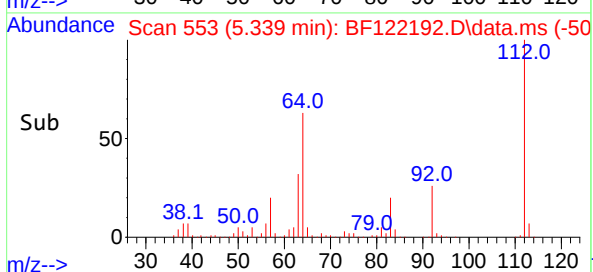
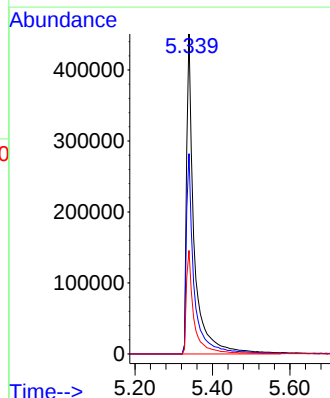
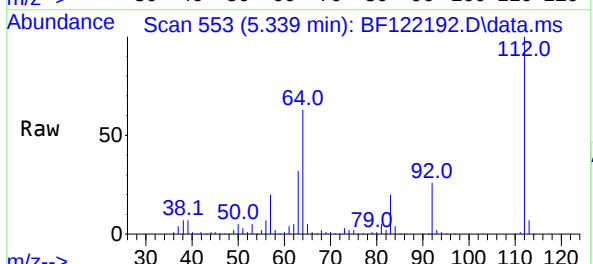
Instrument :
BNA_F
ClientSampleId :
20-105

Tgt Ion:152 Resp: 99195
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 61.4 51.9 77.9

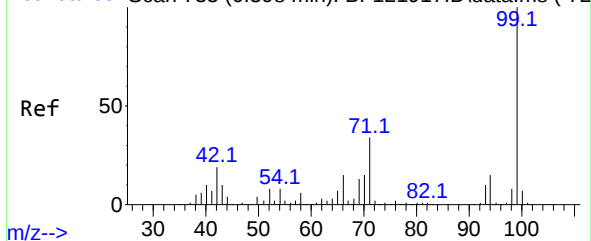


#5
2-Fluorophenol
Concen: 92.93 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

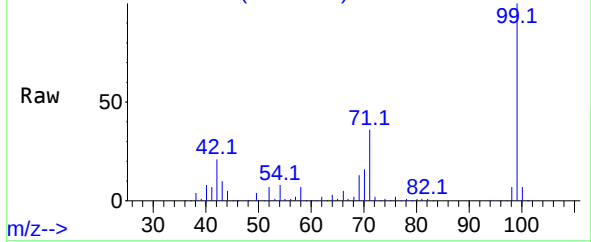
Tgt Ion:112 Resp: 624564
Ion Ratio Lower Upper
112 100
64 62.6 50.4 75.6
63 32.4 25.8 38.6



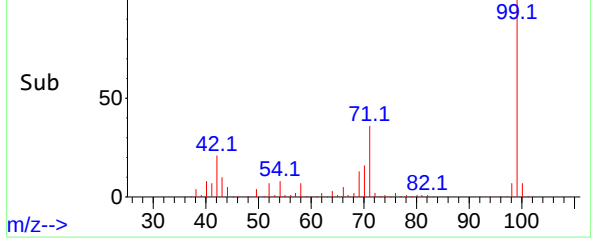
Abundance Scan 733 (6.398 min): BF121917.D\data.ms (-72



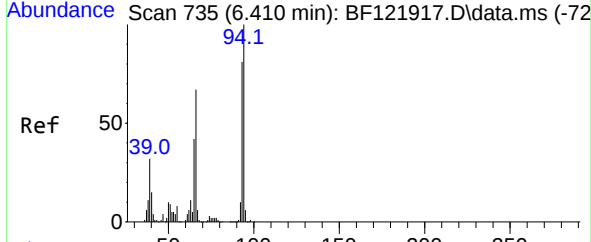
m/z--> Scan 728 (6.369 min): BF122192.D\data.ms



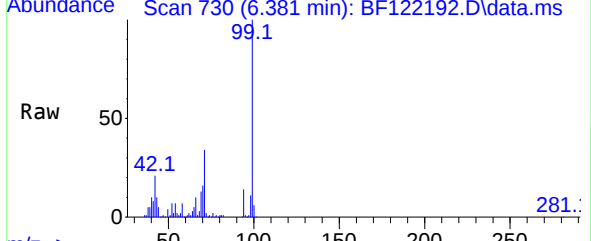
m/z--> Scan 728 (6.369 min): BF122192.D\data.ms (-67



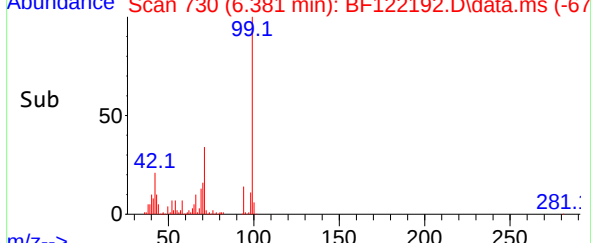
m/z--> Scan 735 (6.410 min): BF121917.D\data.ms (-72



m/z--> Scan 730 (6.381 min): BF122192.D\data.ms



m/z--> Scan 730 (6.381 min): BF122192.D\data.ms (-67



m/z-->

#7

Phenol-d6

Concen: 91.54 ng

RT: 6.369 min Scan# 728

Delta R.T. -0.000 min

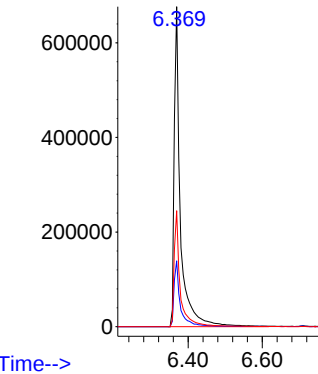
Lab File: BF122192.D

Acq: 30 Oct 2020 21:20

Tgt Ion: 99 Resp: 791947

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.9	23.9
71	36.3	27.1	40.7

Abundance



Time-->

#10

Phenol

Concen: 4.77 ng

RT: 6.381 min Scan# 730

Delta R.T. -0.000 min

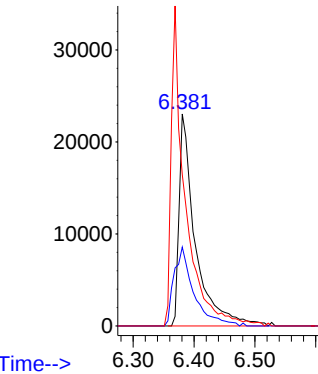
Lab File: BF122192.D

Acq: 30 Oct 2020 21:20

Tgt Ion: 94 Resp: 42577

Ion	Ratio	Lower	Upper
94	100		
65	37.2	17.1	57.1
66	71.4	36.0	76.0

Abundance



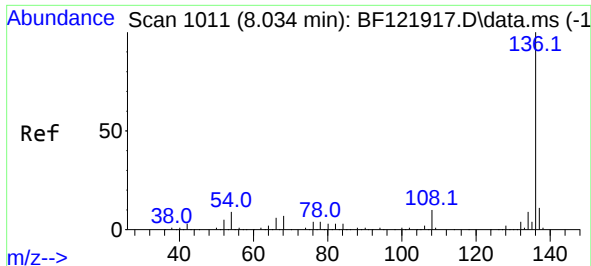
Time-->

Instrument :

BNA_F

ClientSampleId :

20-105

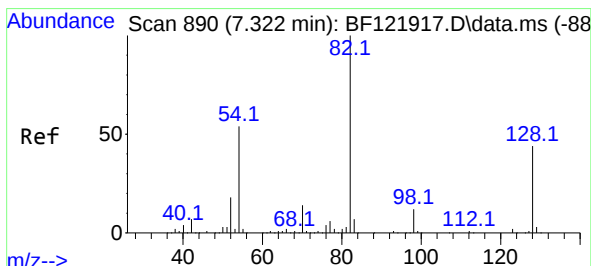
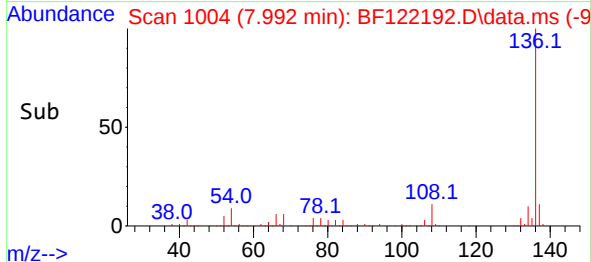
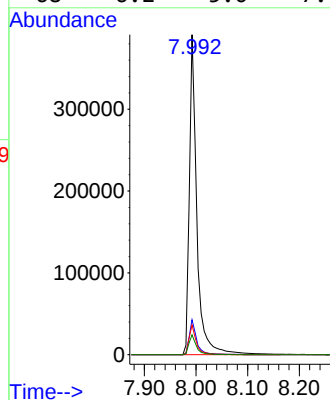
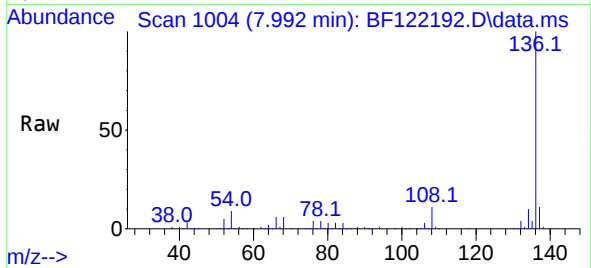


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

Instrument :
BNA_F
ClientSampleId :
20-105

Tgt Ion:136 Resp: 396380

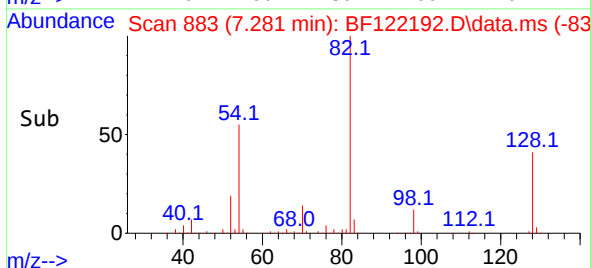
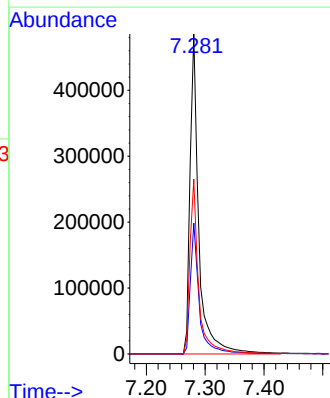
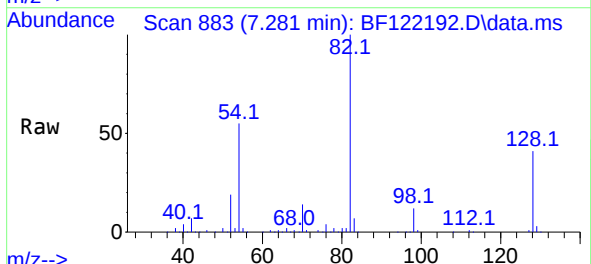
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.3	7.1	10.7
68	6.2	5.0	7.4

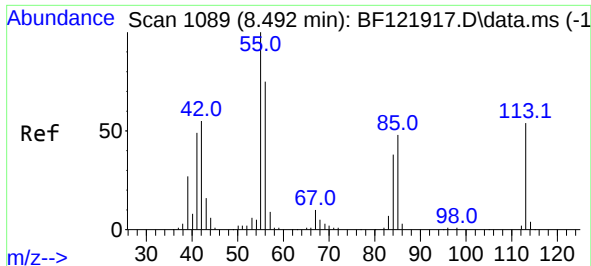


#23
Nitrobenzene-d5
Concen: 65.71 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

Tgt Ion: 82 Resp: 507874

Ion	Ratio	Lower	Upper
82	100		
128	40.9	35.0	52.4
54	54.6	43.9	65.9

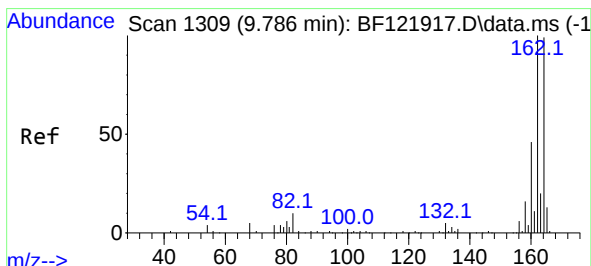
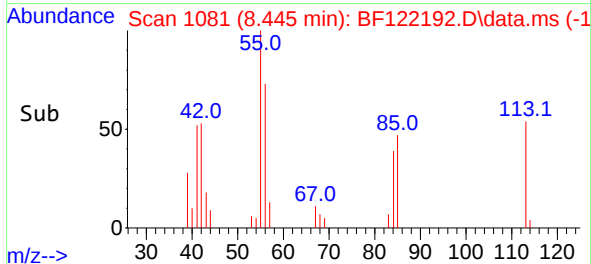
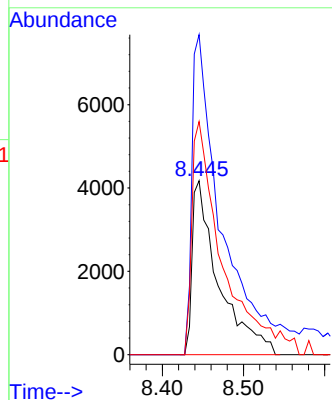
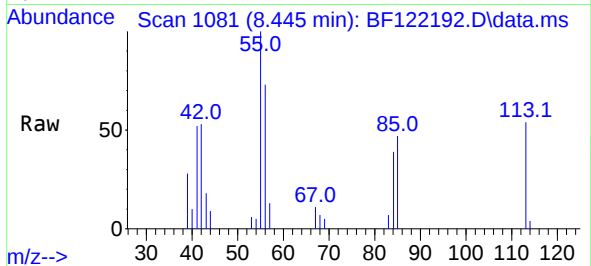




#35
Caprolactam
Concen: 4.90 ng
RT: 8.445 min Scan# 1081
Delta R.T. -0.018 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

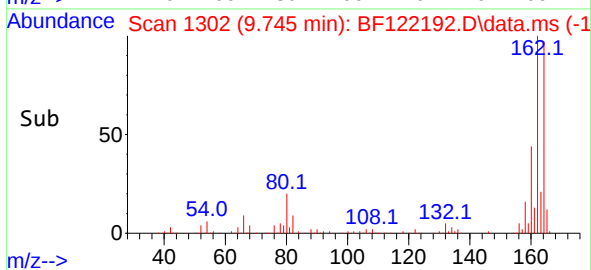
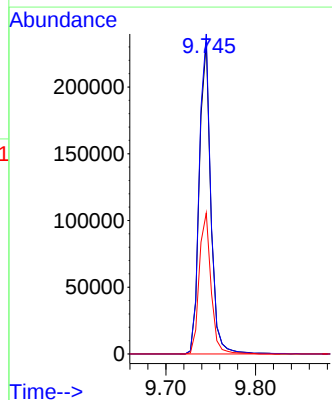
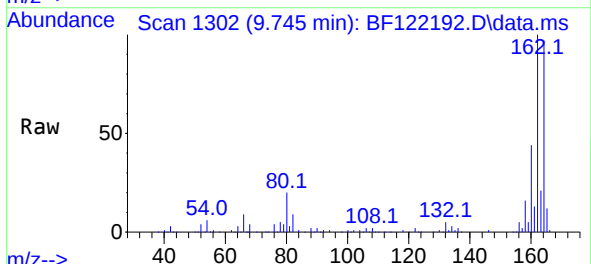
Instrument :
BNA_F
ClientSampled :
20-105

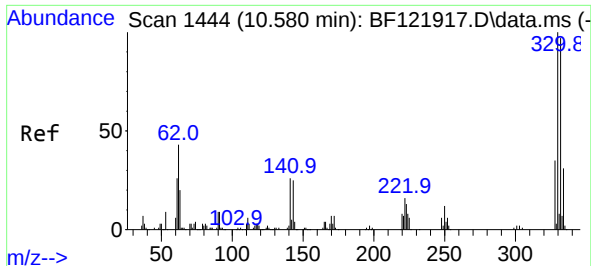
Tgt Ion:113 Resp: 9459
Ion Ratio Lower Upper
113 100
55 184.0 167.5 207.5
56 134.1 121.2 161.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

Tgt Ion:164 Resp: 206962
Ion Ratio Lower Upper
164 100
162 102.7 83.2 124.8
160 45.3 37.5 56.3

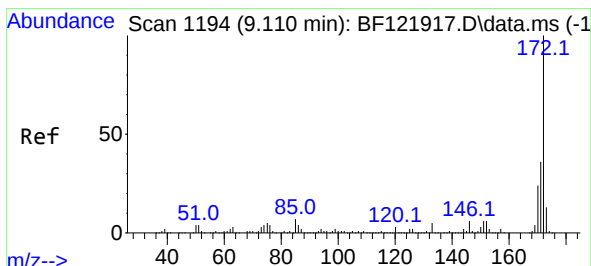
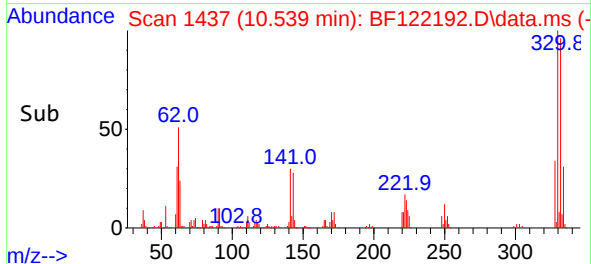
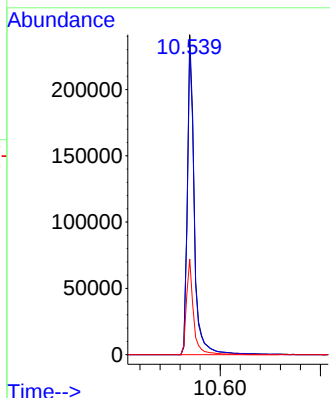
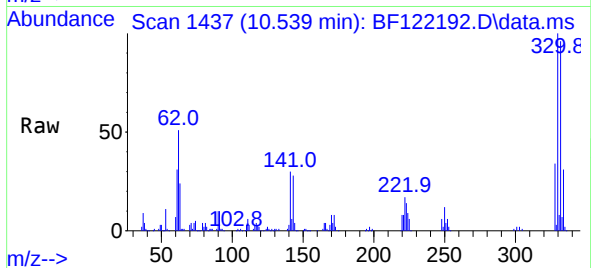




#42
2,4,6-Tribromophenol
Concen: 91.61 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

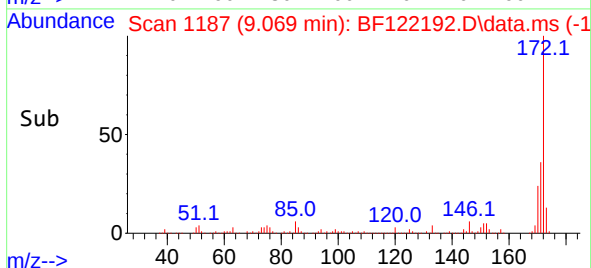
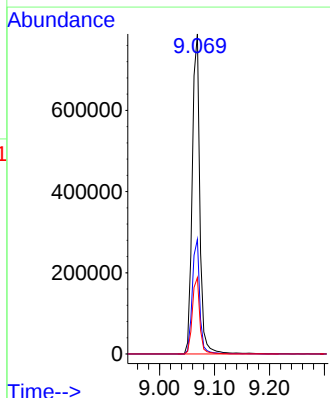
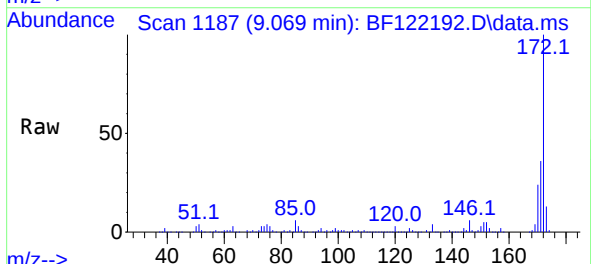
Instrument :
BNA_F
ClientSampleId :
20-105

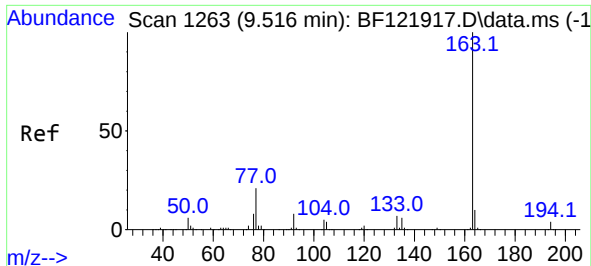
Tgt Ion:330 Resp: 234547
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 30.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 53.60 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

Tgt Ion:172 Resp: 753944
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 23.9 19.8 29.6

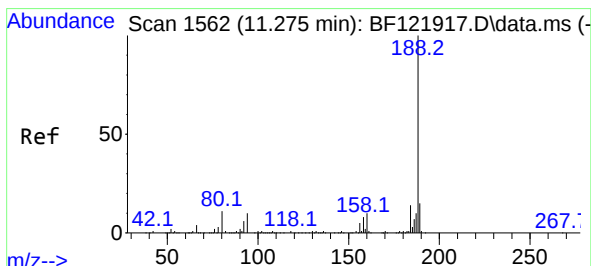
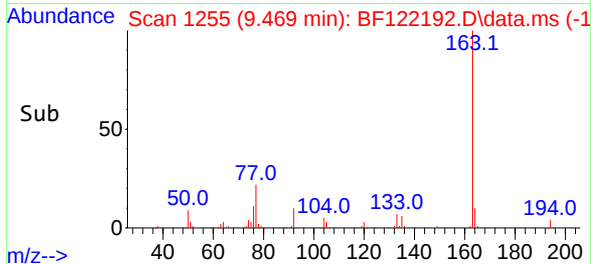
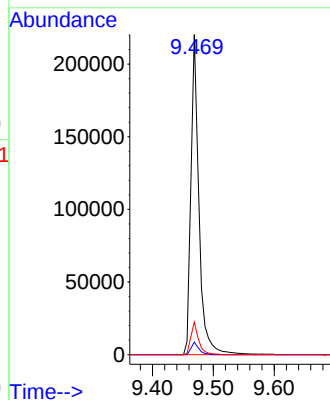
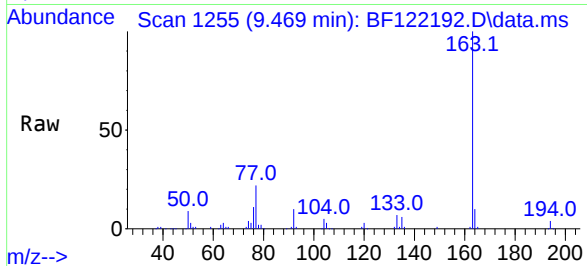




#50
Dimethylphthalate
Concen: 13.36 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

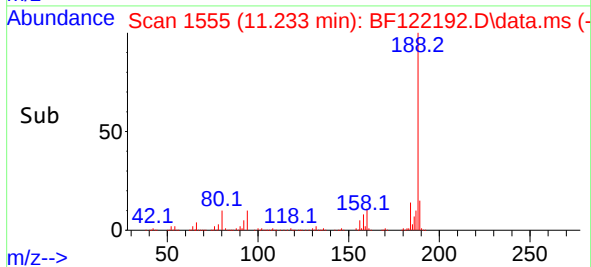
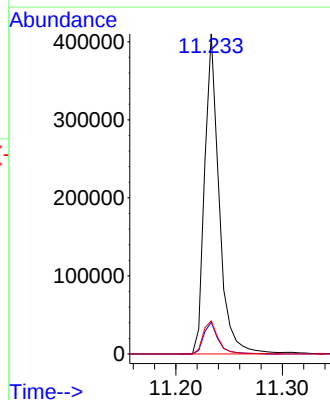
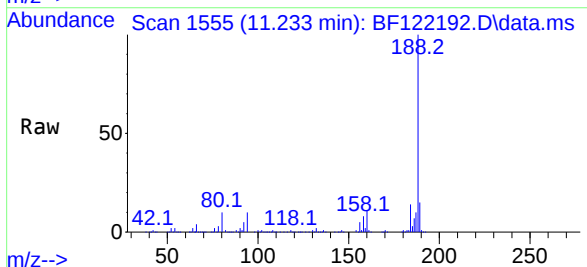
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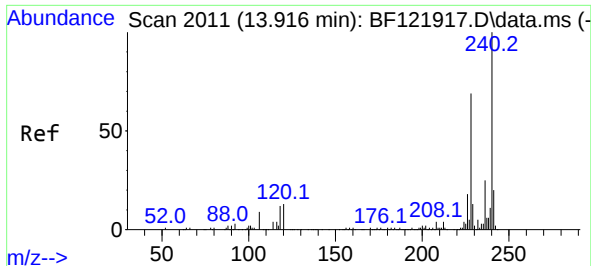
Tgt Ion:163 Resp: 202247
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

Tgt Ion:188 Resp: 388084
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.4 9.1 13.7

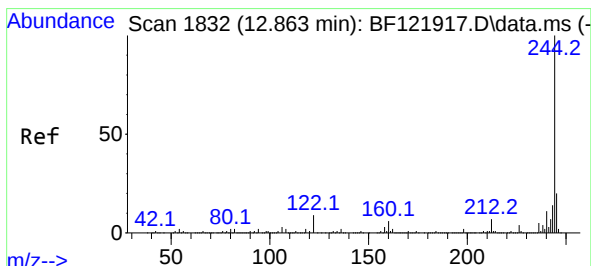
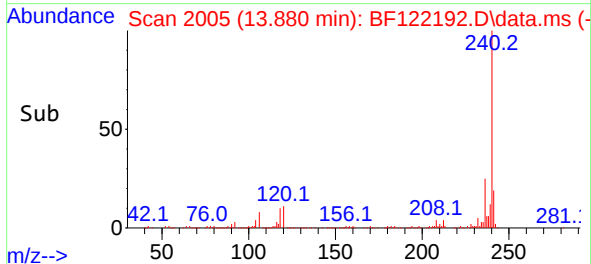
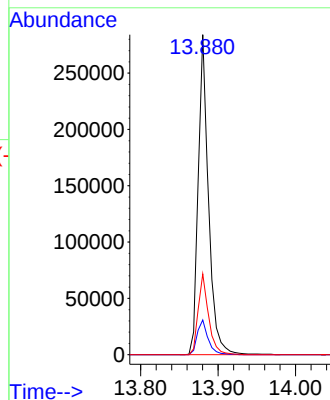
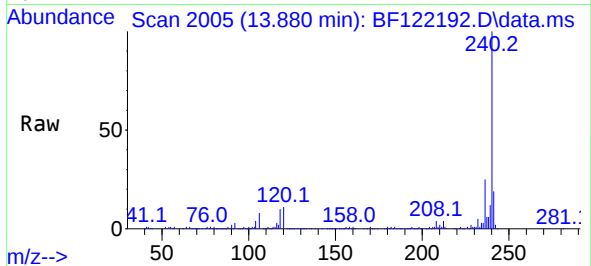




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

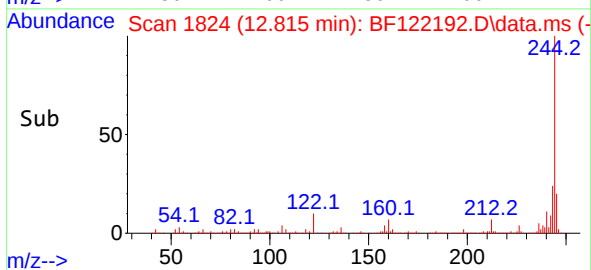
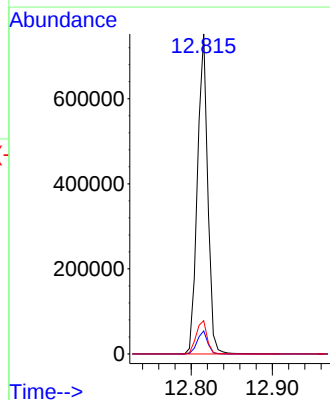
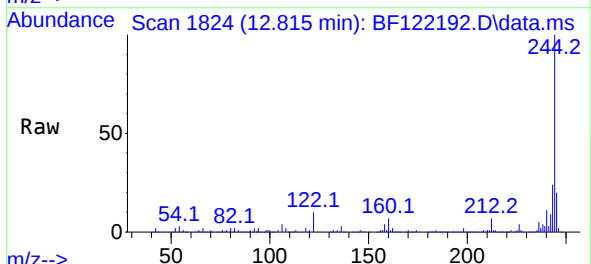
Instrument :
BNA_F
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20-105

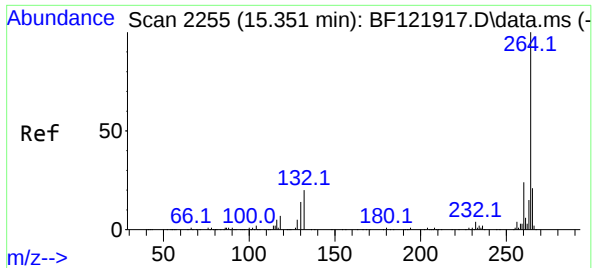
Tgt Ion:240 Resp: 262079
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 48.47 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

Tgt Ion:244 Resp: 666618
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: 15.321 min Scan# 2250
Delta R.T. 0.017 min
Lab File: BF122192.D
Acq: 30 Oct 2020 21:20

Instrument :
BNA_F
ClientSampleId :
20-105

Tgt Ion:264 Resp: 212627

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.2	17.3	25.9

