

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
 Data File : BF122169.D
 Acq On : 29 Oct 2020 17:44
 Operator : JU/CG
 Sample : L4540-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 341

Quant Time: Oct 29 18:56:51 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)

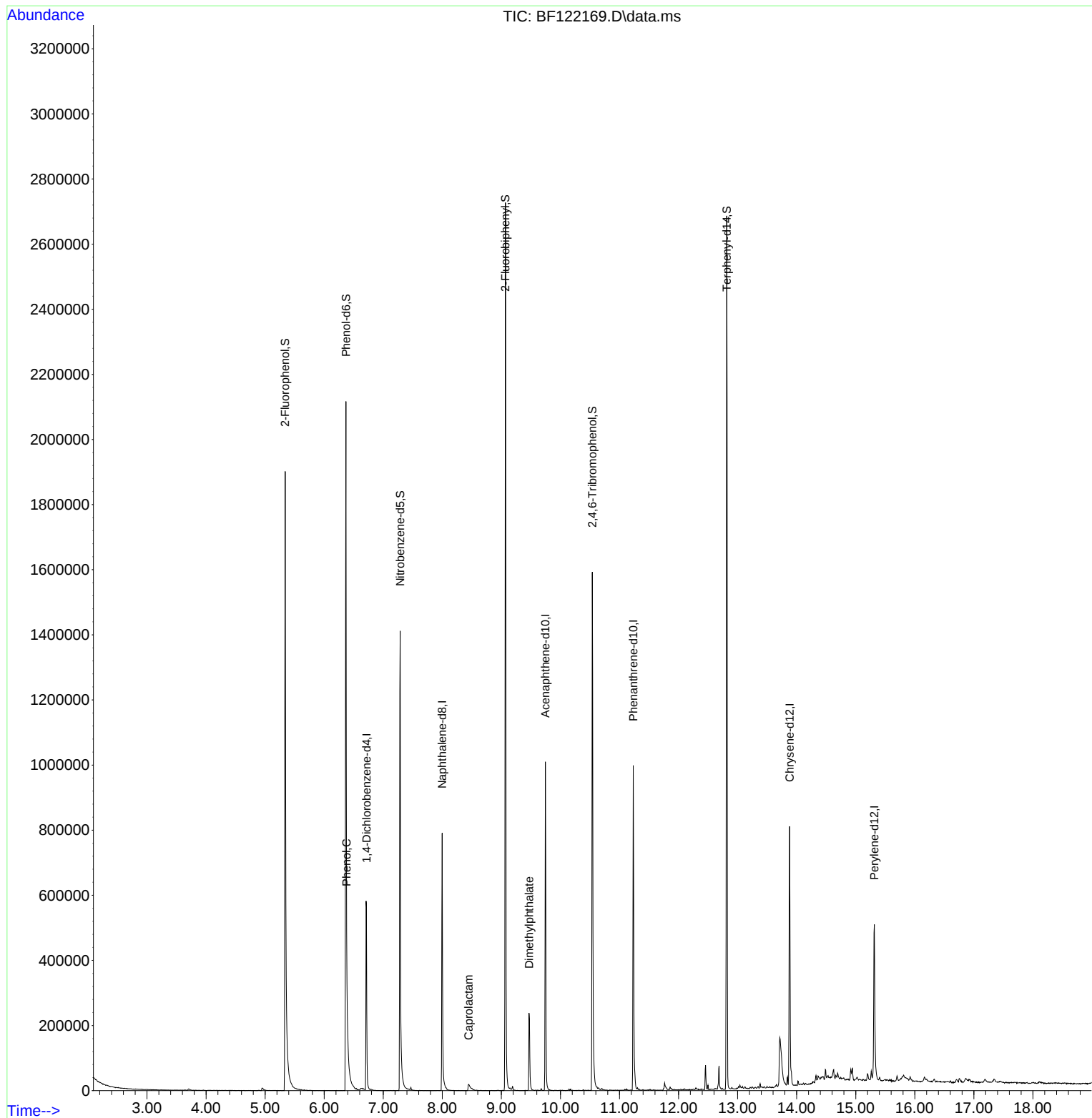
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	95220	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	388968	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	199038	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	378445	20.00	ng	0.00
76) Chrysene-d12	13.880	240	277222	20.00	ng	0.00
86) Perylene-d12	15.315	264	244717	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	643614	99.76	ng	0.00
7) Phenol-d6	6.369	99	803916	96.80	ng	0.00
23) Nitrobenzene-d5	7.287	82	520244	68.59	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	233634	94.89	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	836881	61.86	ng	0.00
79) Terphenyl-d14	12.816	244	873210	60.03	ng	0.00
Target Compounds						
10) Phenol	6.381	94	44621	5.21	ng	97
35) Caprolactam	8.445	113	4994	2.64	ng	94
50) Dimethylphthalate	9.469	163	119686	8.22	ng	98

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

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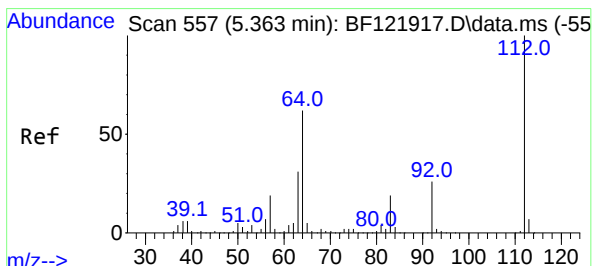
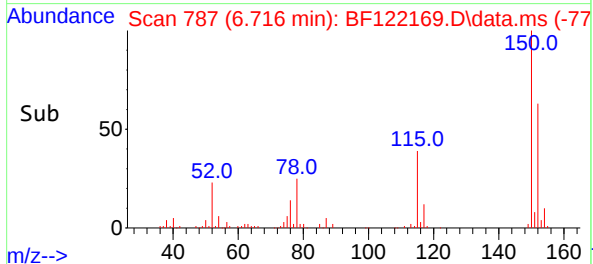
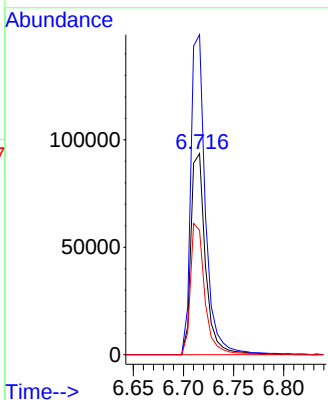
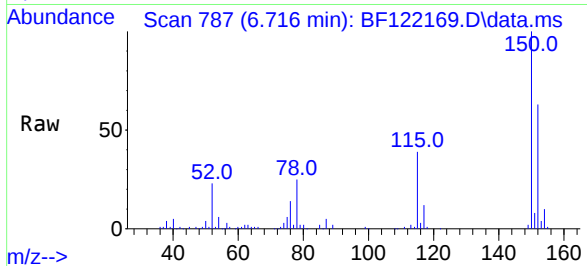




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

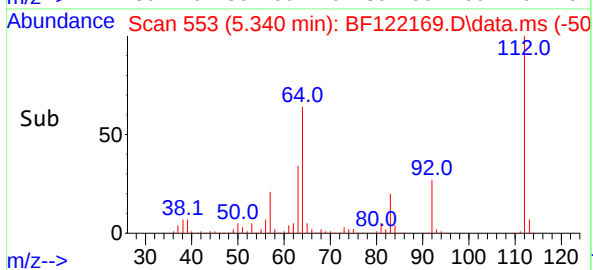
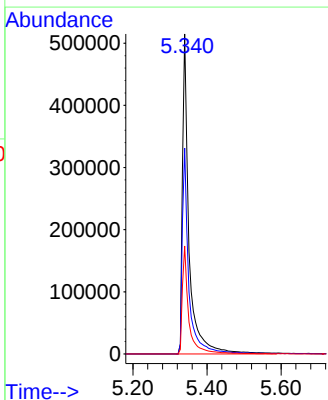
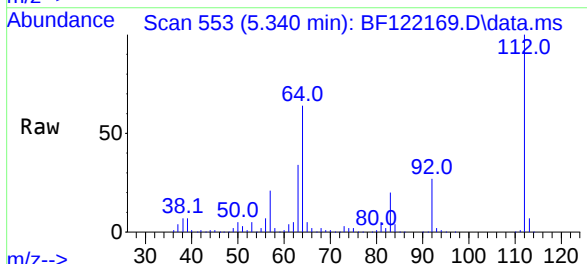
Instrument :
BNA_F
ClientSampled :
341

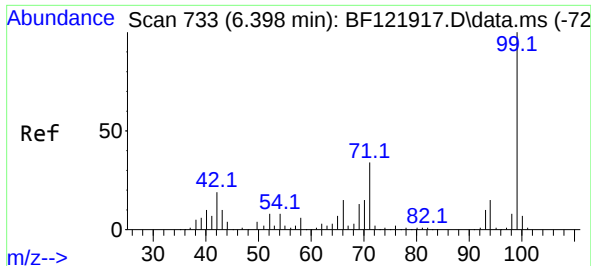
Tgt Ion:152 Resp: 95220
Ion Ratio Lower Upper
152 100
150 159.1 125.3 187.9
115 61.8 51.9 77.9



#5
2-Fluorophenol
Concen: 99.76 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Tgt Ion:112 Resp: 643614
Ion Ratio Lower Upper
112 100
64 64.3 50.4 75.6
63 33.8 25.8 38.6

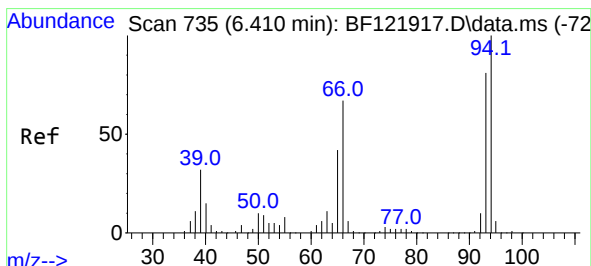
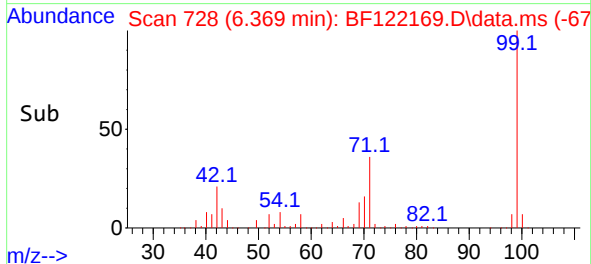
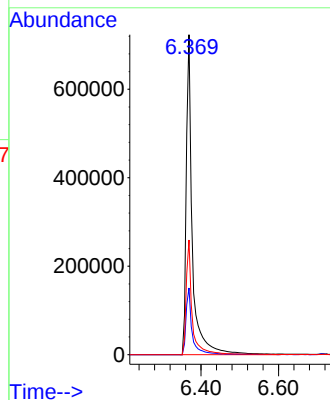
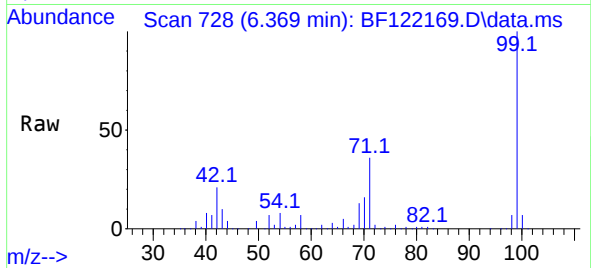




#7
Phenol-d6
Concen: 96.80 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

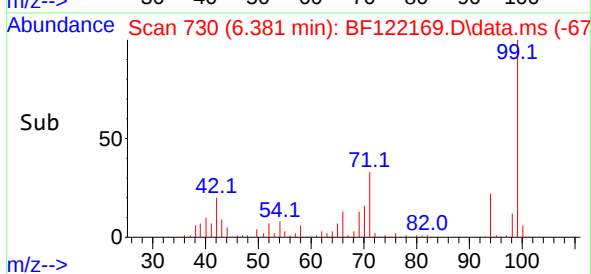
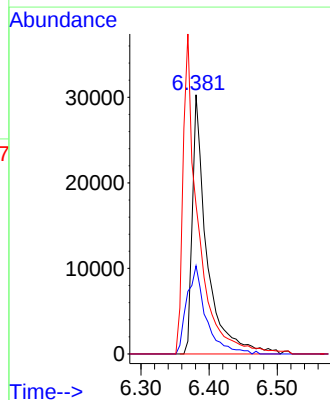
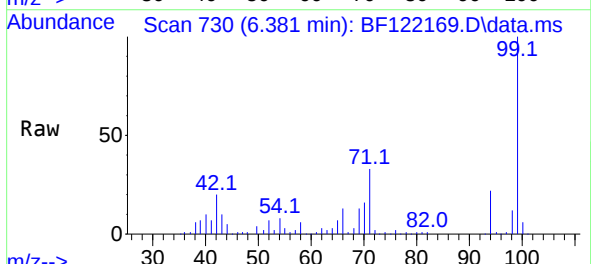
Instrument :
BNA_F
ClientSampled :
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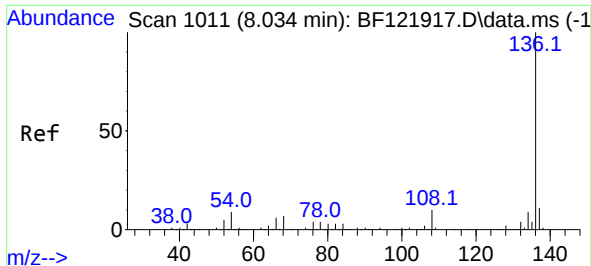
Tgt Ion: 99 Resp: 803916
Ion Ratio Lower Upper
99 100
42 20.8 15.9 23.9
71 35.9 27.1 40.7



#10
Phenol
Concen: 5.21 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Tgt Ion: 94 Resp: 44621
Ion Ratio Lower Upper
94 100
65 34.0 17.1 57.1
66 57.6 36.0 76.0



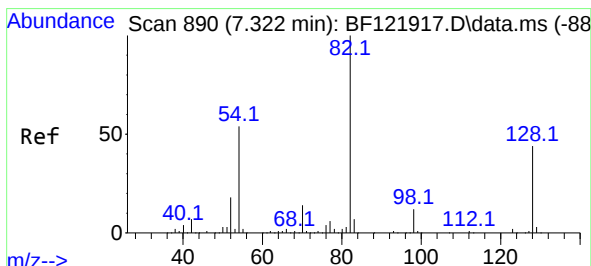
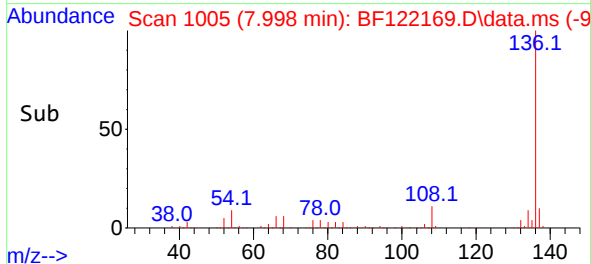
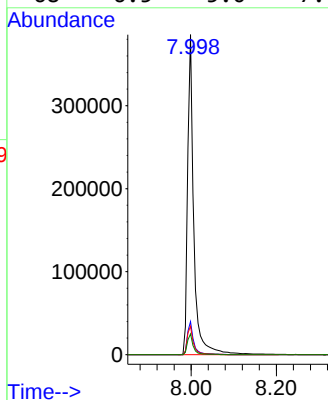
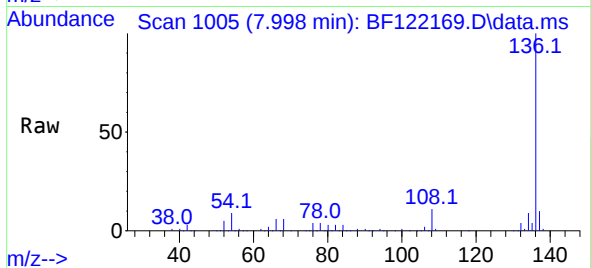


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Instrument :
BNA_F
ClientSampled :
341

Tgt Ion:136 Resp: 388968

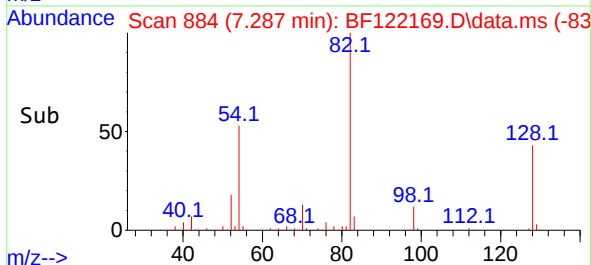
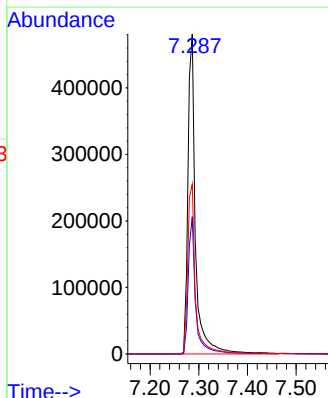
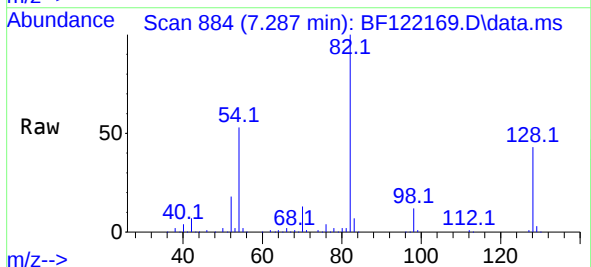
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	8.9	7.1	10.7
68	6.5	5.0	7.4

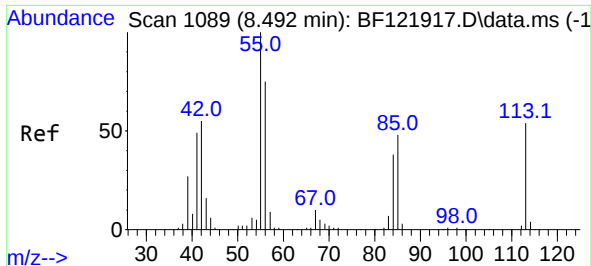


#23
Nitrobenzene-d5
Concen: 68.59 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Tgt Ion: 82 Resp: 520244

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.4
54	53.1	43.9	65.9



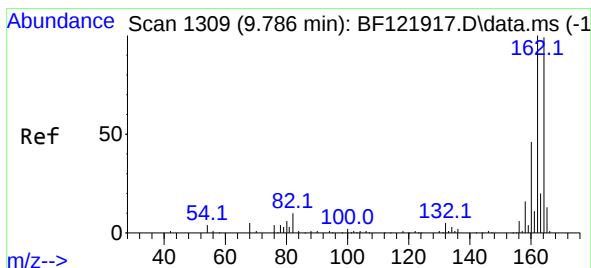
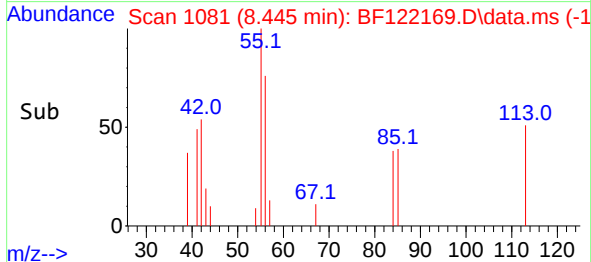
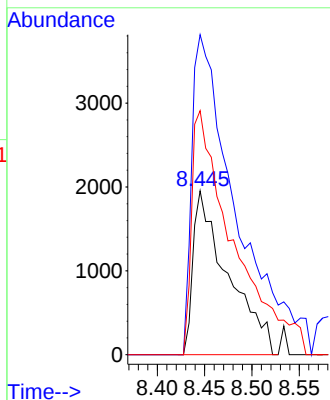
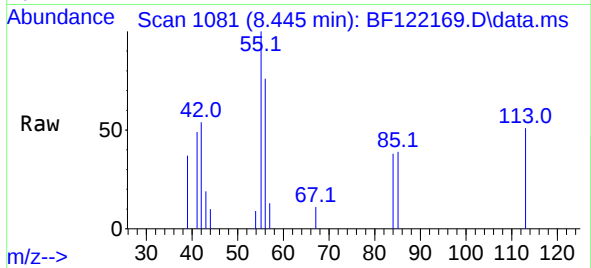


#35
 Caprolactam
 Concen: 2.64 ng
 RT: 8.445 min Scan# 1081
 Delta R.T. -0.018 min
 Lab File: BF122169.D
 Acq: 29 Oct 2020 17:44

Instrument :
 BNA_F
 ClientSampled :
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Tgt Ion:113 Resp: 4994

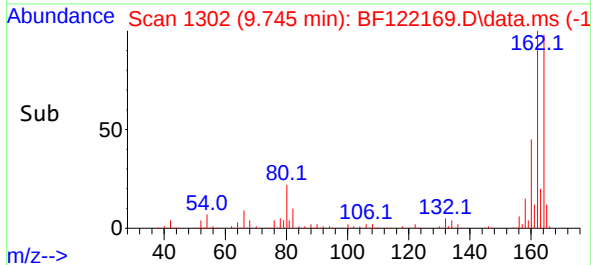
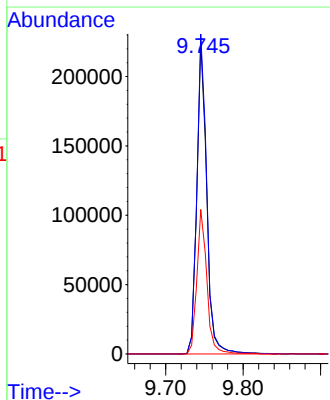
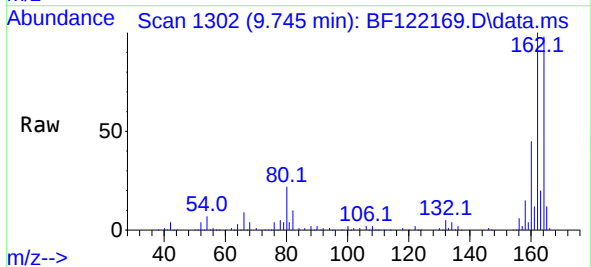
Ion	Ratio	Lower	Upper
113	100		
55	195.2	167.5	207.5
56	148.8	121.2	161.2

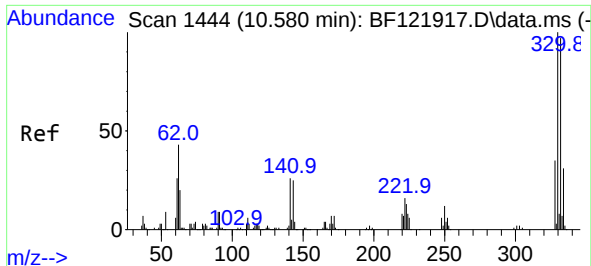


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.745 min Scan# 1302
 Delta R.T. -0.006 min
 Lab File: BF122169.D
 Acq: 29 Oct 2020 17:44

Tgt Ion:164 Resp: 199038

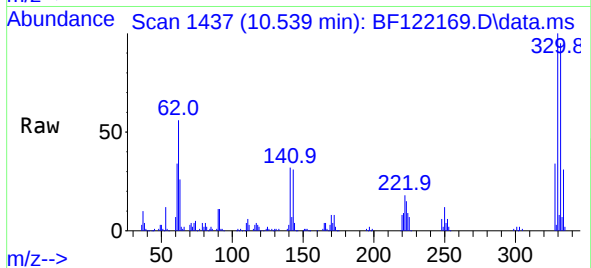
Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.2	124.8
160	46.3	37.5	56.3



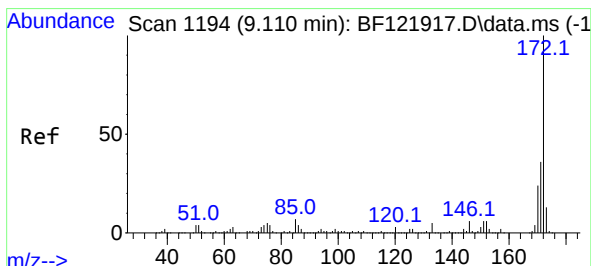
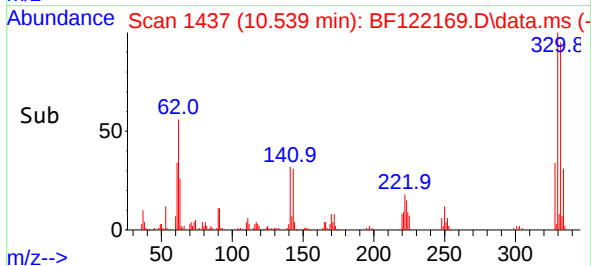
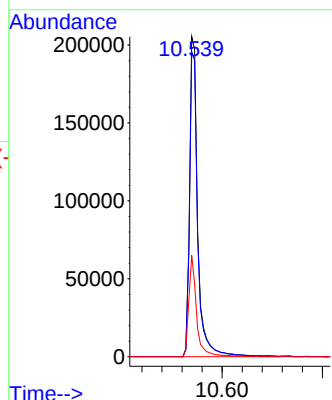


#42
2,4,6-Tribromophenol
Concen: 94.89 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Instrument :
BNA_F
ClientSampleId :
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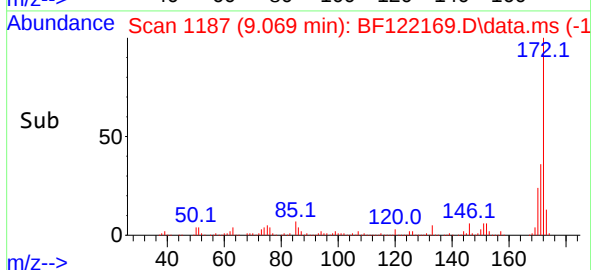
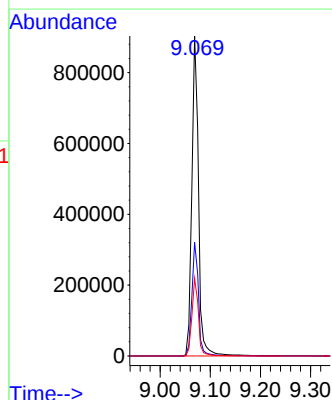
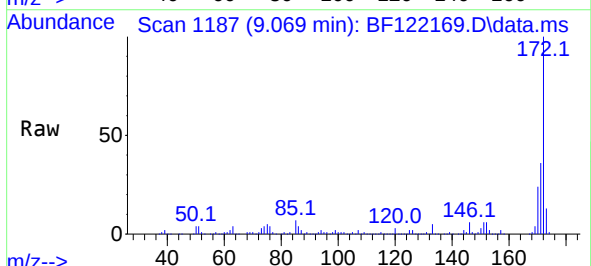


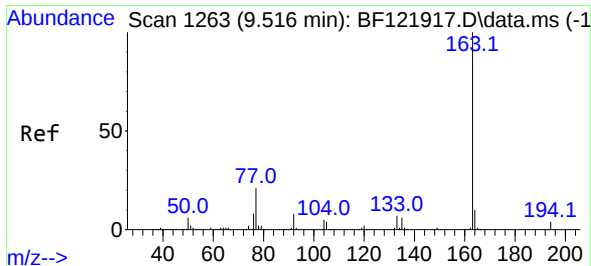
Tgt Ion:330 Resp: 233634
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 30.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 61.86 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Tgt Ion:172 Resp: 836881
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 24.3 19.8 29.6

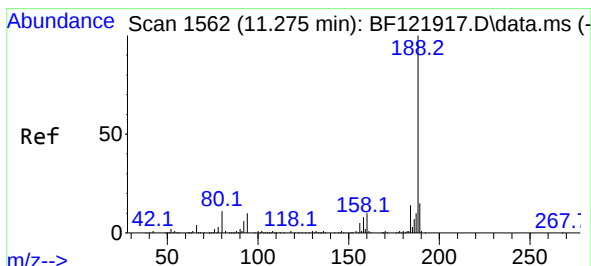
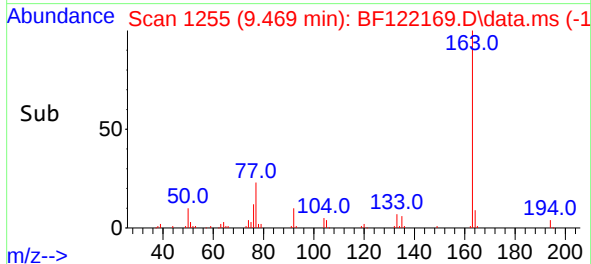
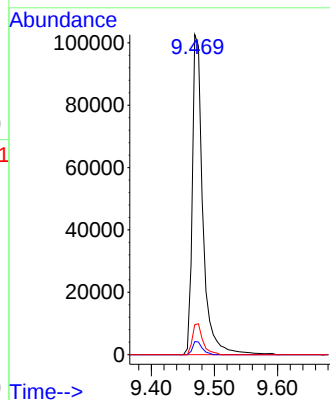
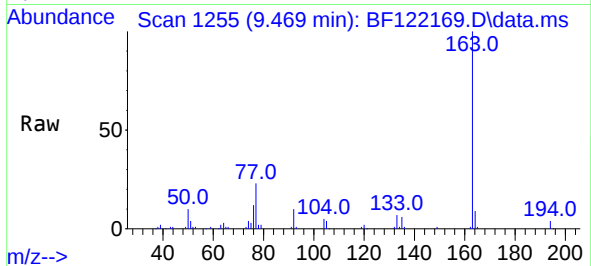




#50
Dimethylphthalate
Concen: 8.22 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

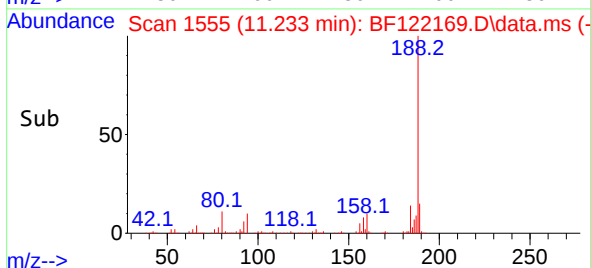
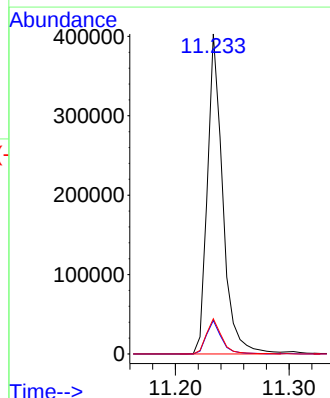
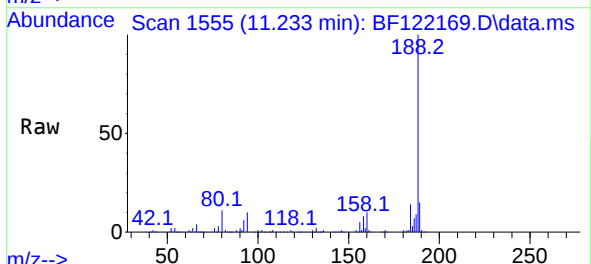
Instrument :
BNA_F
ClientSampleId :
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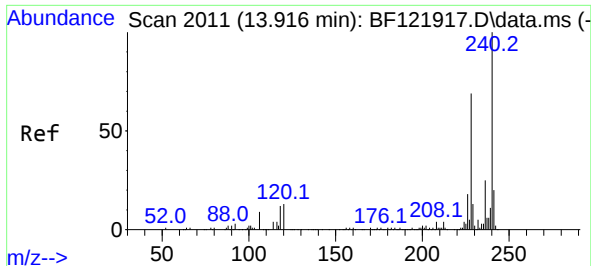
Tgt Ion:163 Resp: 119686
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.4 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Tgt Ion:188 Resp: 378445
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.0 9.1 13.7

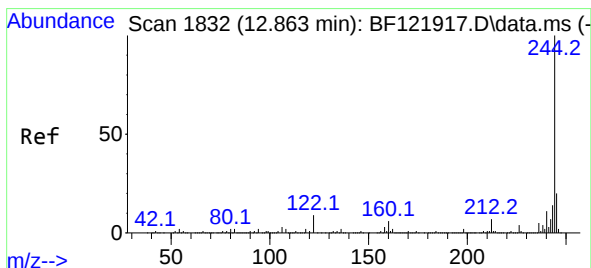
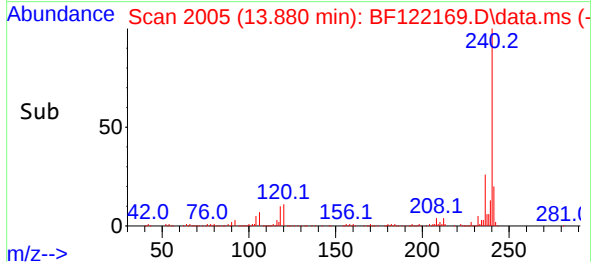
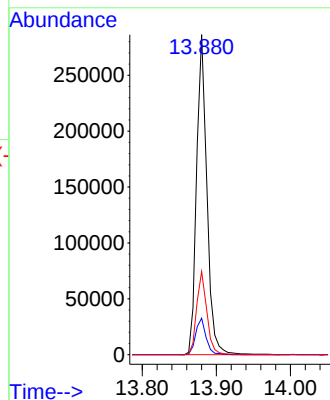
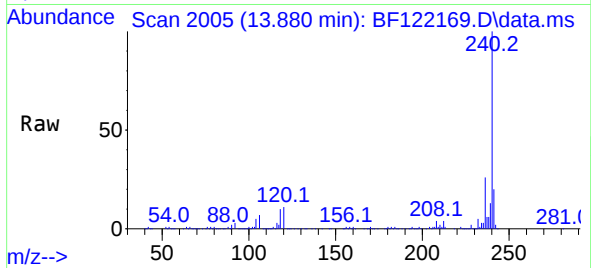




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

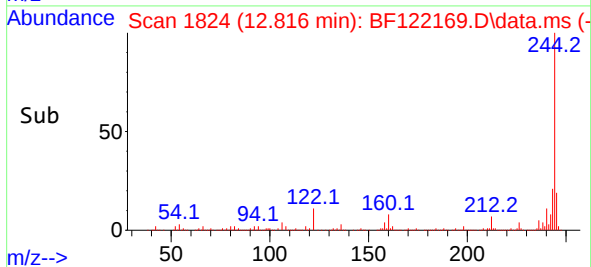
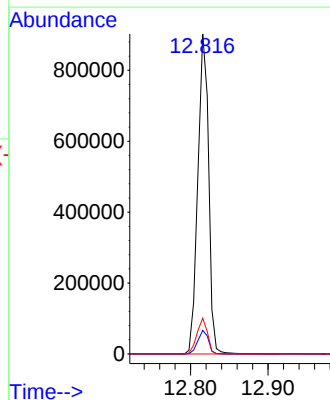
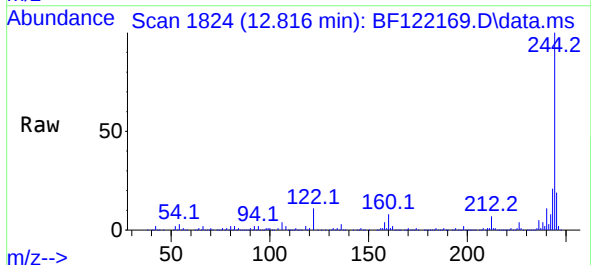
Instrument :
BNA_F
ClientSampleId :
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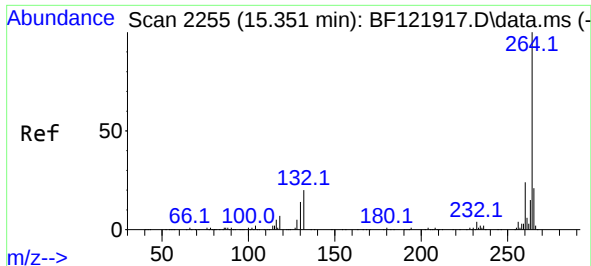
Tgt Ion:240 Resp: 277222
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 60.03 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122169.D
Acq: 29 Oct 2020 17:44

Tgt Ion:244 Resp: 873210
Ion Ratio Lower Upper
244 100
212 7.3 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: BF122169.D
Acq: 29 Oct 2020 17:44

Instrument :
BNA_F
ClientSampleId :
341

Tgt Ion:264 Resp: 244717
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 21.3 17.3 25.9

