

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122187.D
 Acq On : 30 Oct 2020 18:44
 Operator : JU/CG
 Sample : L4554-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Oct 31 02:51:35 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)

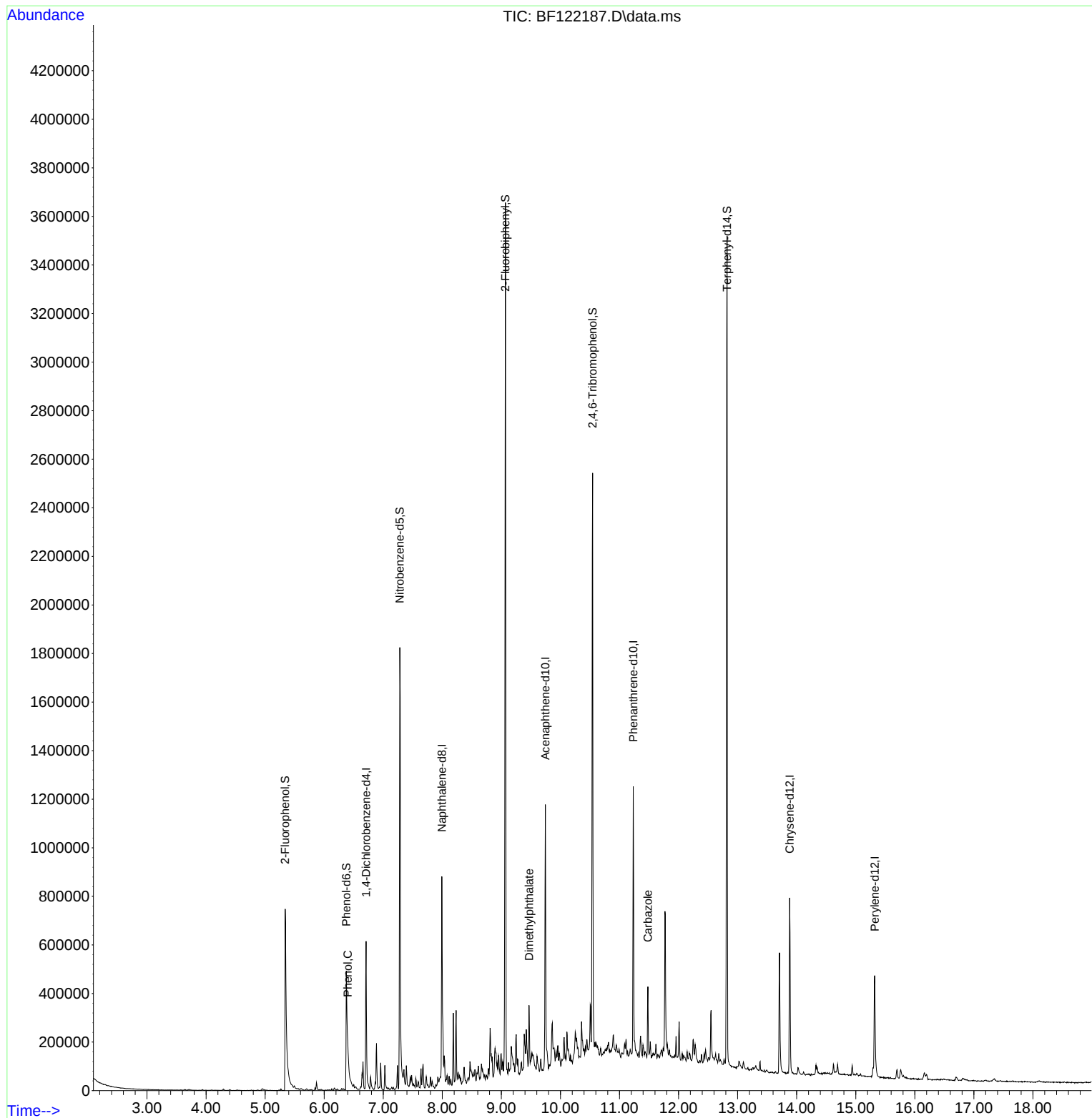
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	98189	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	384212	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	197118	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	365486	20.00	ng	0.00
76) Chrysene-d12	13.880	240	256843	20.00	ng	0.00
86) Perylene-d12	15.321	264	207804	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	368423	55.38	ng	0.00
7) Phenol-d6	6.375	99	281335	32.85	ng	0.00
23) Nitrobenzene-d5	7.281	82	686945	91.69	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	329506	135.13	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1099620	82.08	ng	0.00
79) Terphenyl-d14	12.821	244	1096026	81.32	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.398	94	41544	4.70	ng	95
50) Dimethylphthalate	9.469	163	91373	6.34	ng	98
73) Carbazole	11.480	167	118605	6.42	ng	99

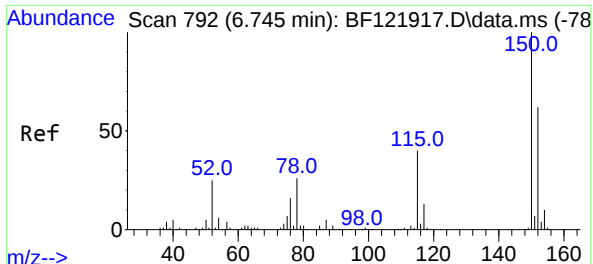
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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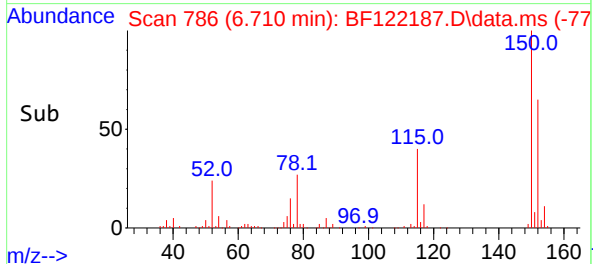
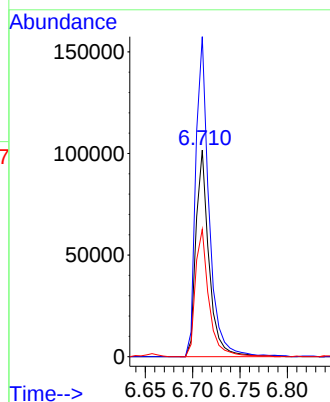
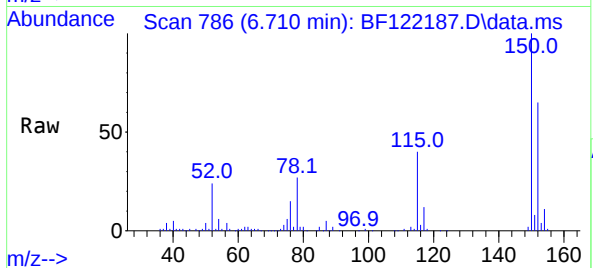




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

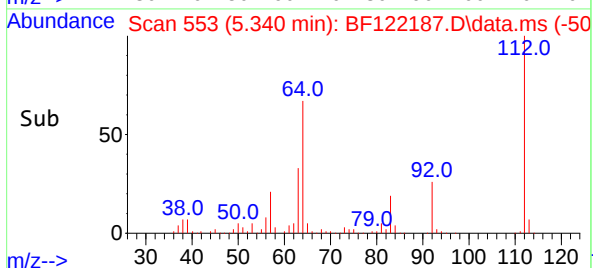
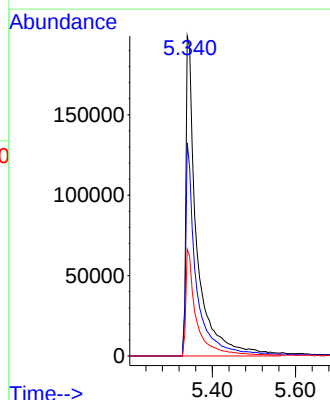
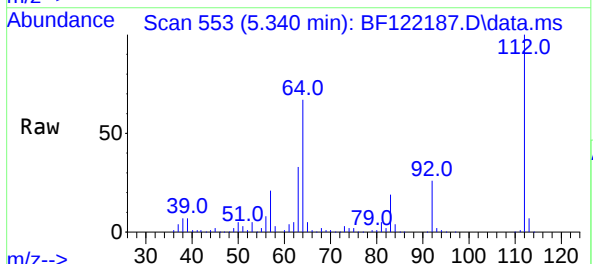
Instrument :
BNA_F
ClientSampleId :
MW-2

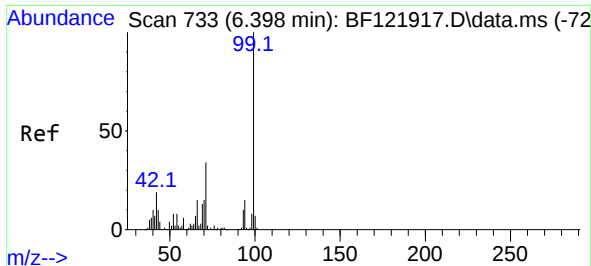
Tgt Ion:152 Resp: 98189
Ion Ratio Lower Upper
152 100
150 154.9 125.3 187.9
115 61.6 51.9 77.9



#5
2-Fluorophenol
Concen: 55.38 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion:112 Resp: 368423
Ion Ratio Lower Upper
112 100
64 66.6 50.4 75.6
63 33.4 25.8 38.6

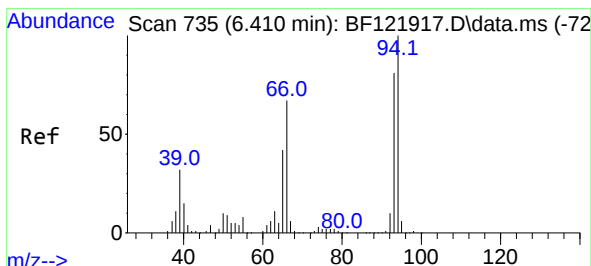
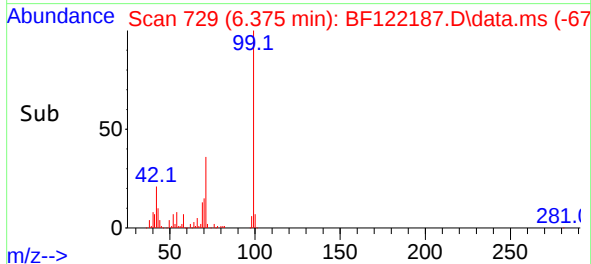
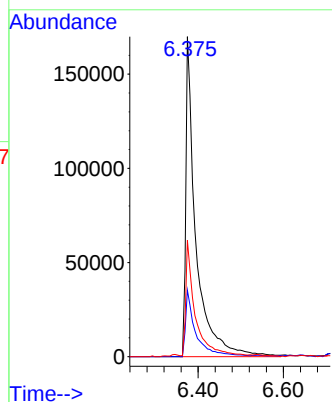
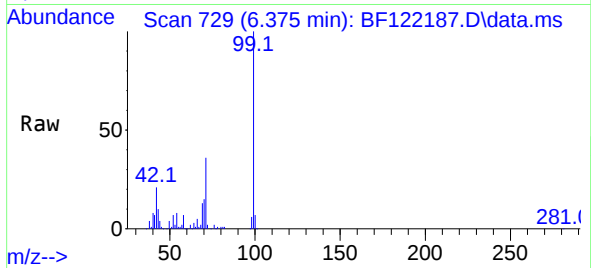




#7
Phenol-d6
Concen: 32.85 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

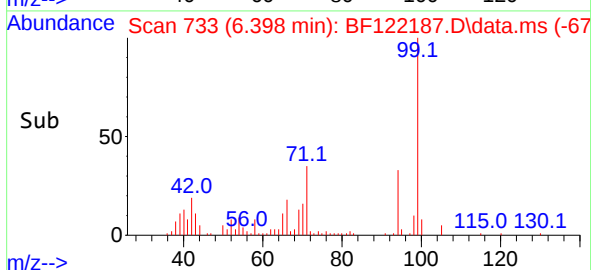
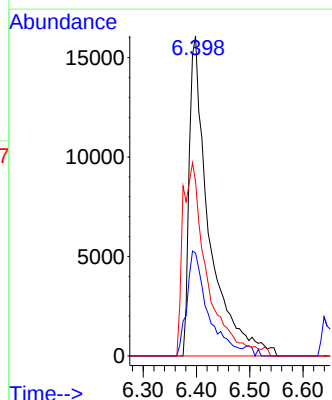
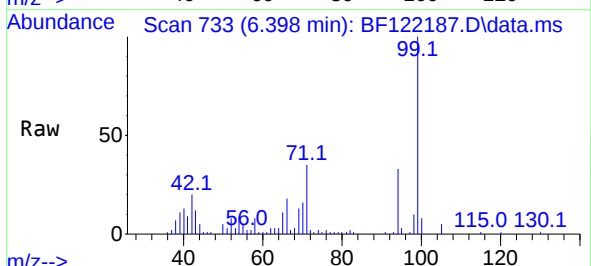
Instrument :
BNA_F
ClientSampleId :
MW-2

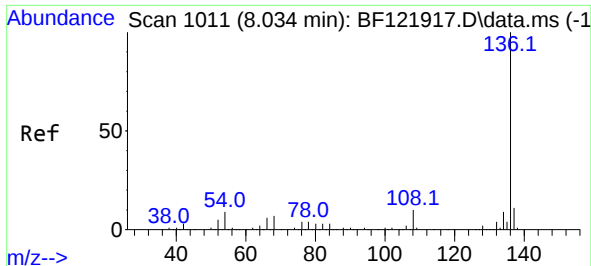
Tgt Ion: 99 Resp: 281335
Ion Ratio Lower Upper
99 100
42 20.7 15.9 23.9
71 36.4 27.1 40.7



#10
Phenol
Concen: 4.70 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.017 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion: 94 Resp: 41544
Ion Ratio Lower Upper
94 100
65 32.2 17.1 57.1
66 54.5 36.0 76.0

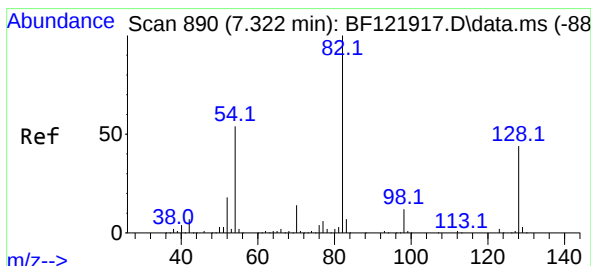
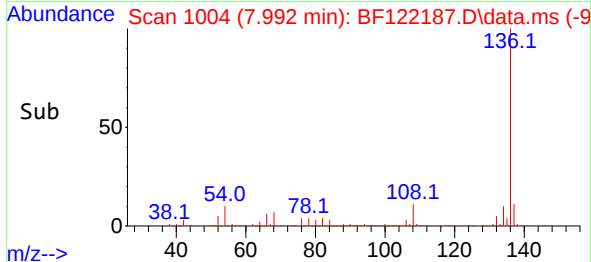
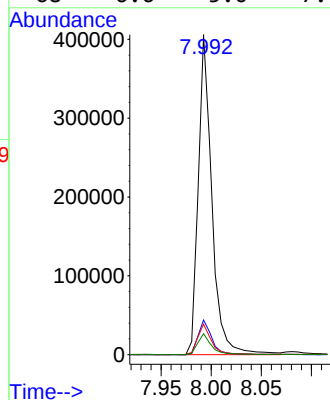
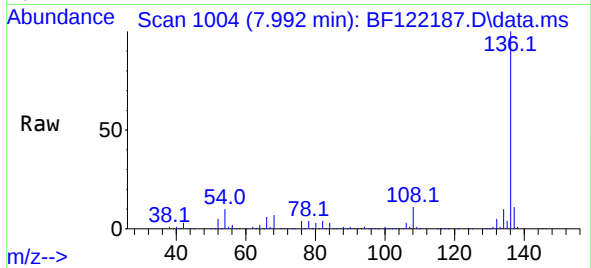




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion:136 Resp: 384212

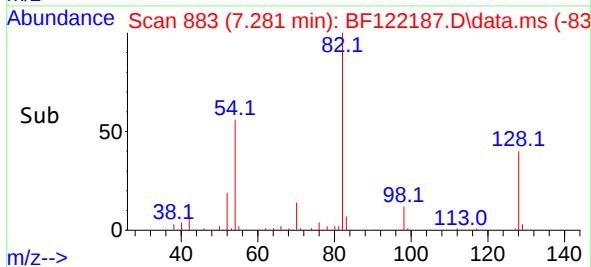
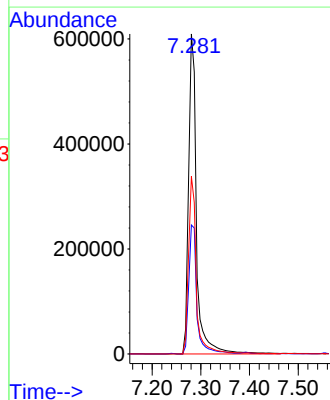
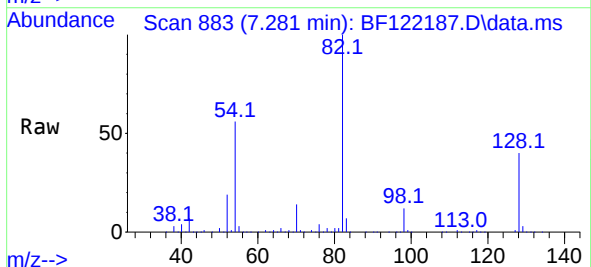
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	7.1	10.7
68	6.6	5.0	7.4



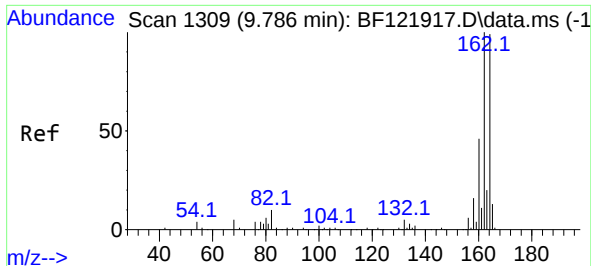
#23
Nitrobenzene-d5
Concen: 91.69 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion: 82 Resp: 686945

Ion	Ratio	Lower	Upper
82	100		
128	40.3	35.0	52.4
54	55.5	43.9	65.9



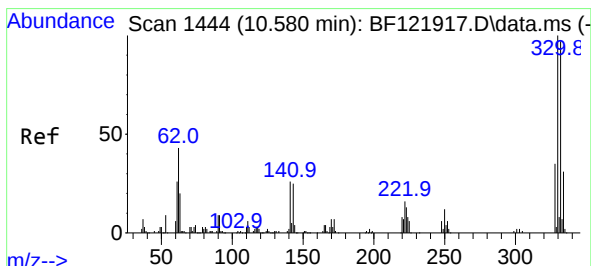
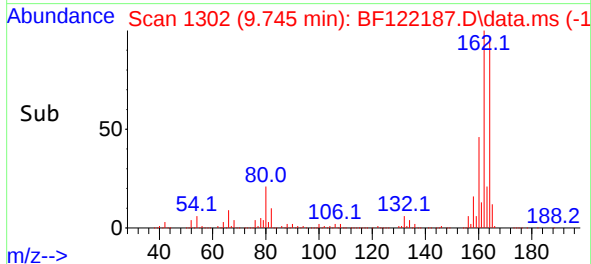
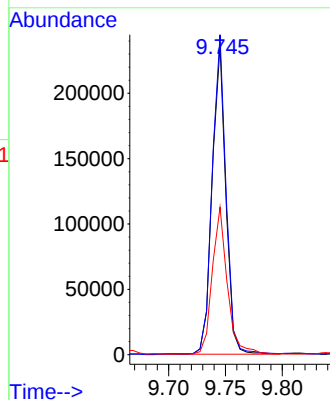
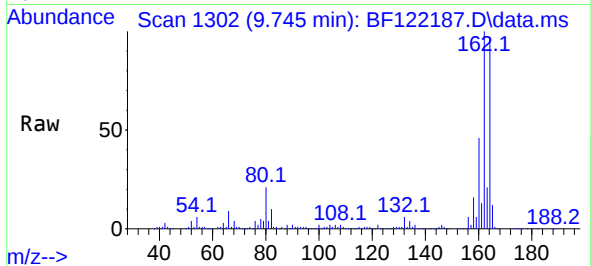
Instrument :
BNA_F
ClientSampleId :
MW-2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

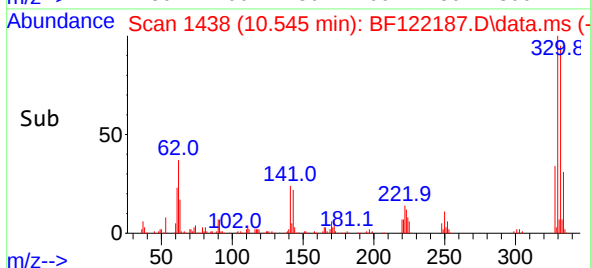
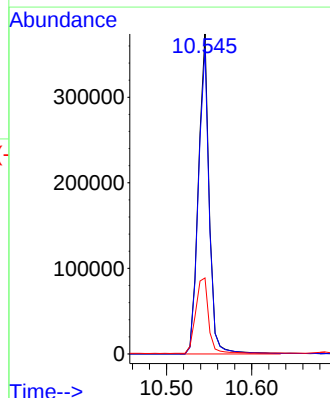
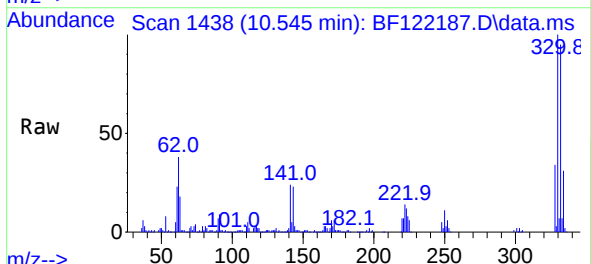
Instrument :
BNA_F
ClientSampleId :
MW-2

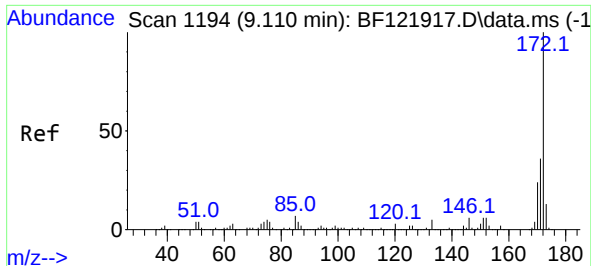
Tgt Ion:164 Resp: 197118
Ion Ratio Lower Upper
164 100
162 103.4 83.2 124.8
160 47.7 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 135.13 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion:330 Resp: 329506
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 28.2 22.3 33.5

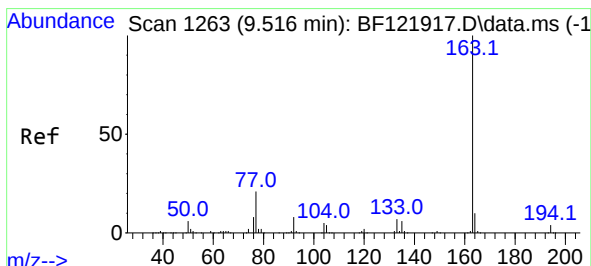
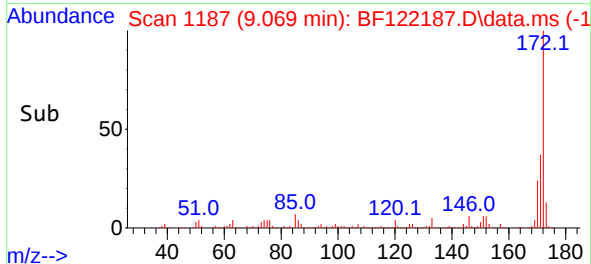
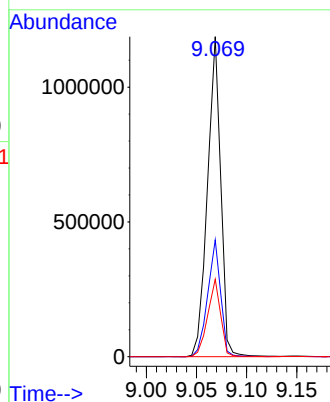
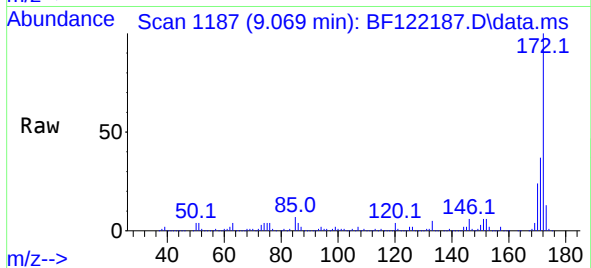




#45
2-Fluorobiphenyl
Concen: 82.08 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

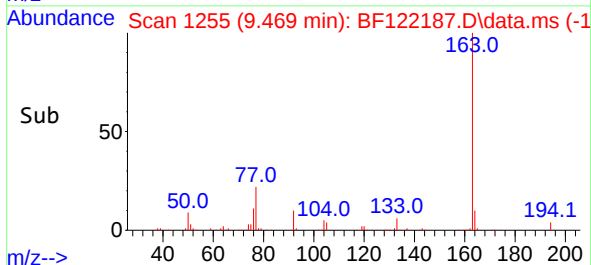
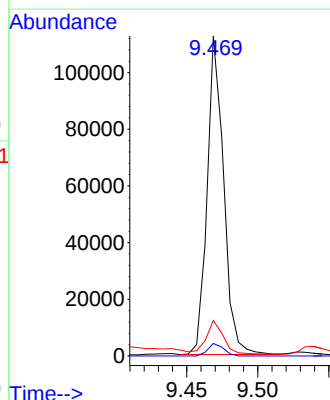
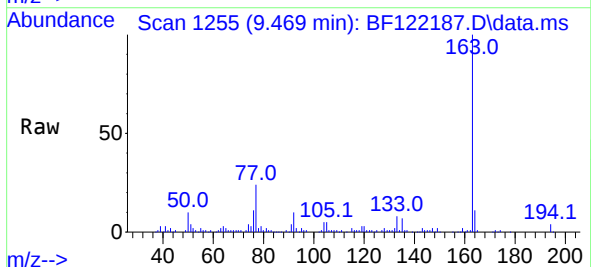
Instrument :
BNA_F
ClientSampled :
MW-2

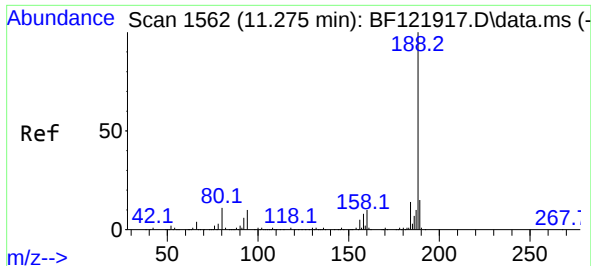
Tgt Ion:172 Resp: 1099620
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 24.2 19.8 29.6



#50
Dimethylphthalate
Concen: 6.34 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion:163 Resp: 91373
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 11.1 8.2 12.4

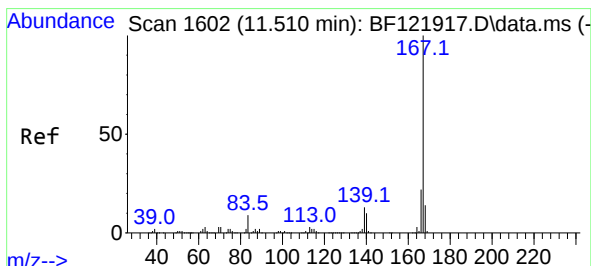
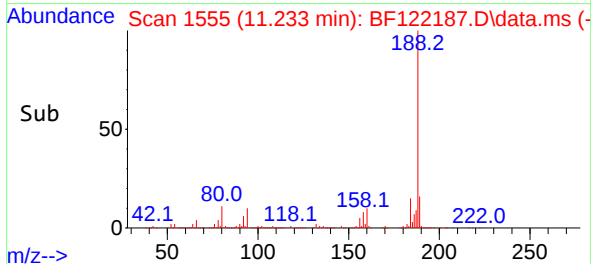
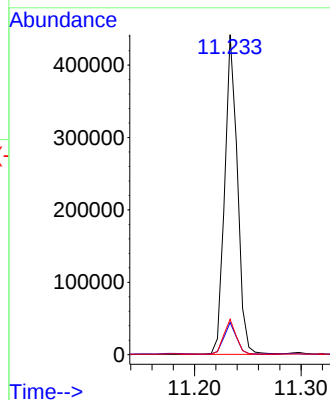
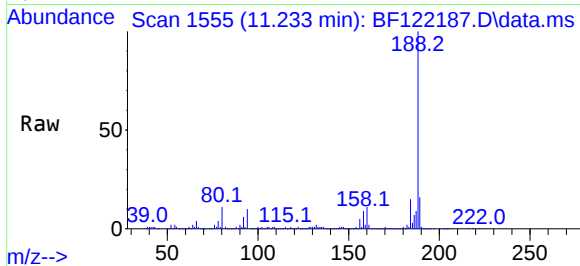




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

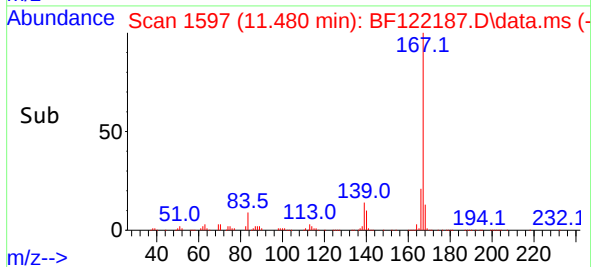
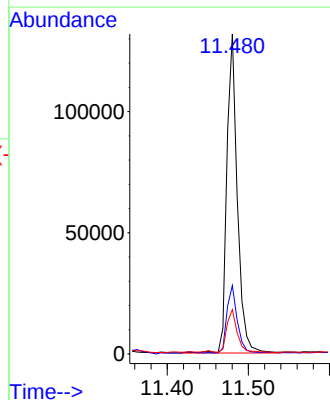
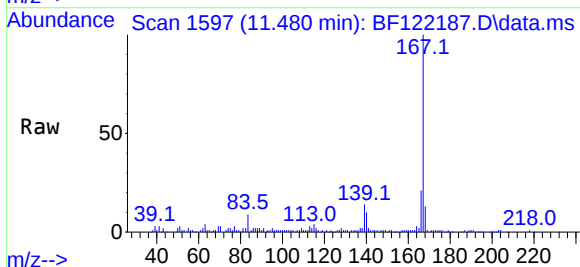
Instrument :
BNA_F
ClientSampleId :
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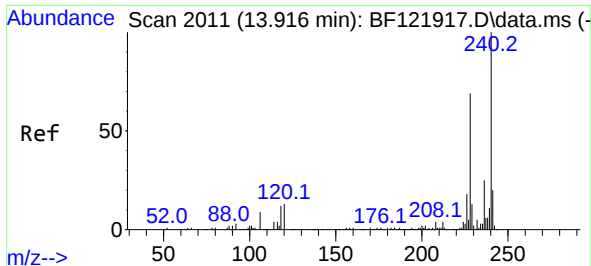
Tgt Ion:188 Resp: 365486
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 11.1 9.1 13.7



#73
Carbazole
Concen: 6.42 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion:167 Resp: 118605
Ion Ratio Lower Upper
167 100
166 21.4 17.8 26.6
139 13.8 10.8 16.2

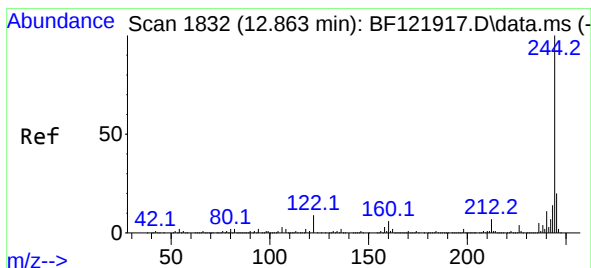
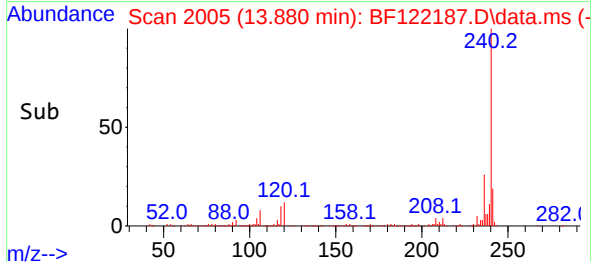
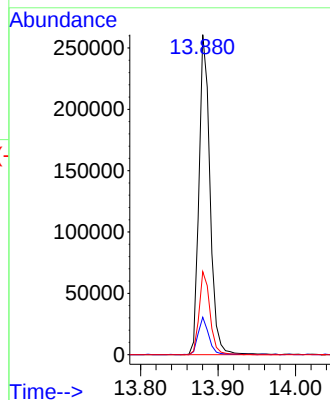
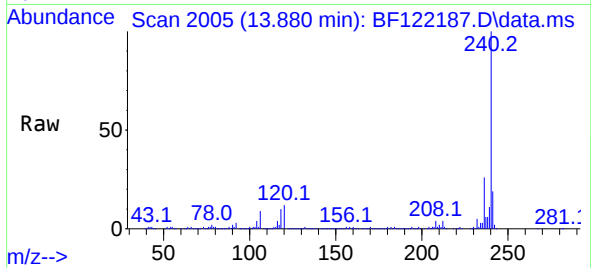




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

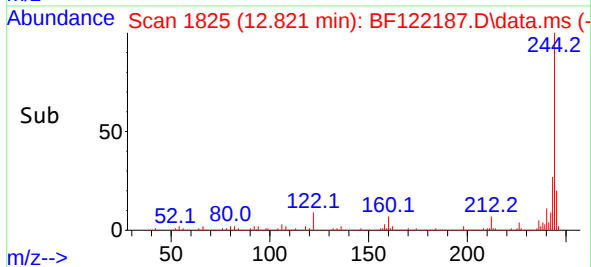
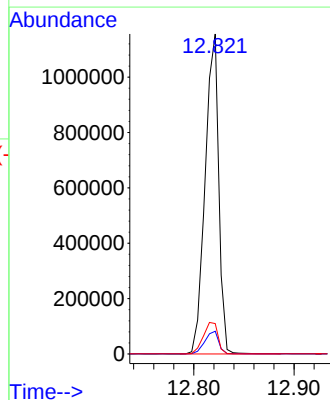
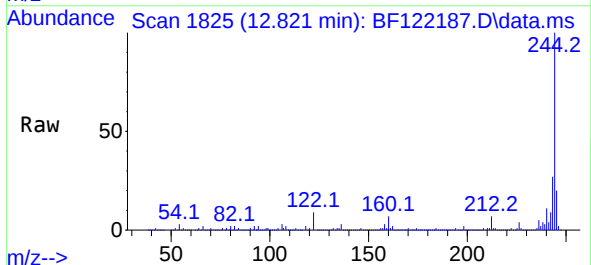
Instrument :
BNA_F
ClientSampled :
MW-2

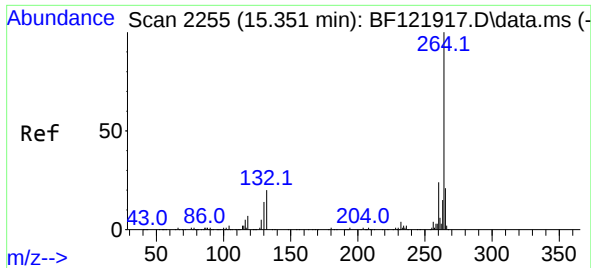
Tgt Ion:240 Resp: 256843
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 81.32 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion:244 Resp: 1096026
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.5 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:264 Resp: 207804

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.7	17.3	25.9

