

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122188.D
 Acq On : 30 Oct 2020 19:15
 Operator : JU/CG
 Sample : L4554-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Oct 31 02:52:36 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)

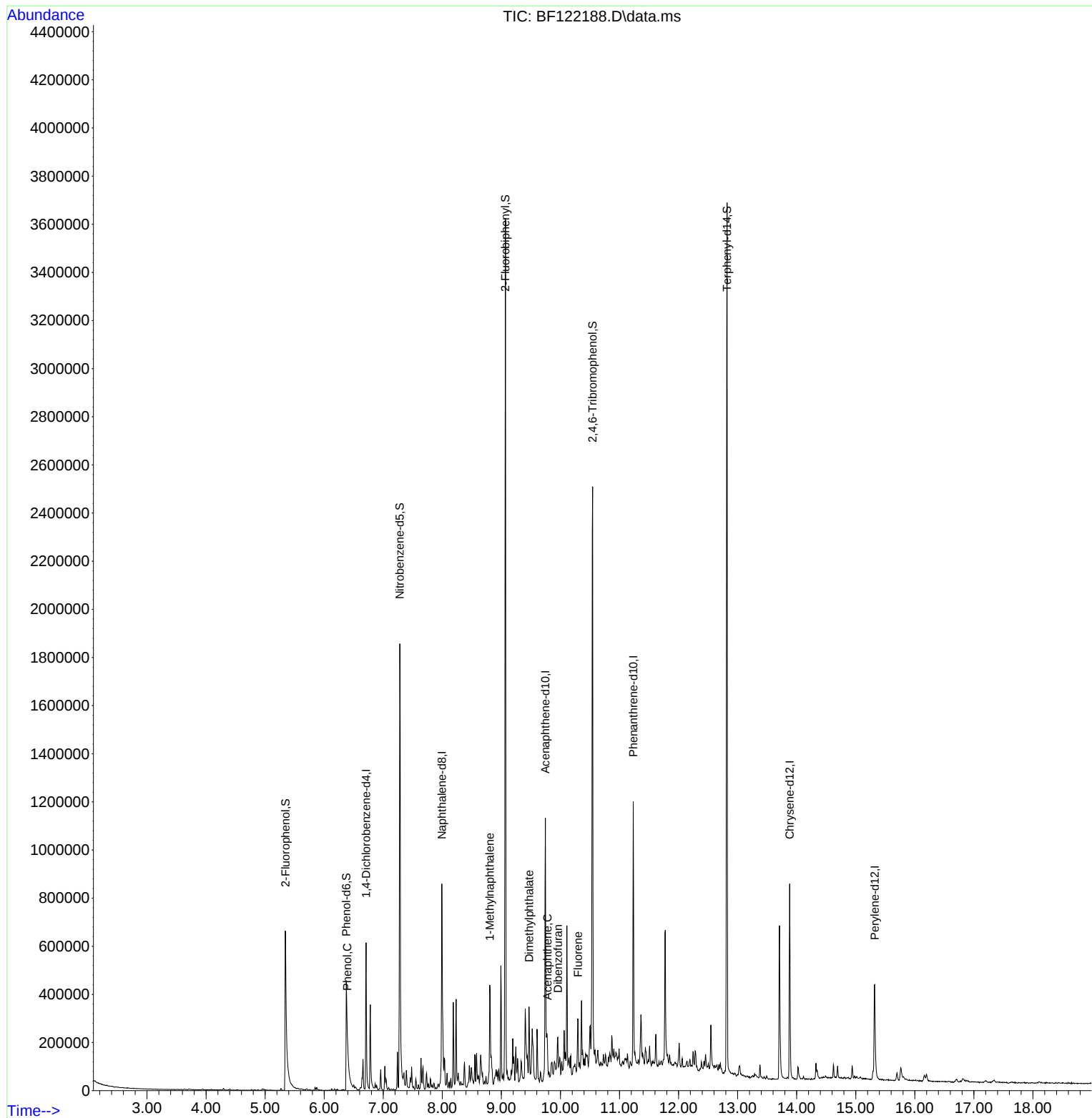
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	95313	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	384916	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	198286	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	369580	20.00	ng	0.00
76) Chrysene-d12	13.880	240	271962	20.00	ng	0.00
86) Perylene-d12	15.321	264	214005	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	358032	55.44	ng	0.01
7) Phenol-d6	6.375	99	270010	32.48	ng	0.00
23) Nitrobenzene-d5	7.281	82	671977	89.53	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	330316	134.67	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1097929	81.47	ng	0.00
79) Terphenyl-d14	12.822	244	1152261	80.74	ng	0.00
Target Compounds						
10) Phenol	6.393	94	45185	5.27	ng	Qvalue 93
38) 1-Methylnaphthalene	8.804	142	95865	7.75	ng	# 98
50) Dimethylphthalate	9.469	163	111734	7.71	ng	100
52) Acenaphthene	9.781	154	24753	2.16	ng	95
55) Dibenzofuran	9.957	168	35309	2.11	ng	# 96
58) Fluorene	10.298	166	62746	4.65	ng	99

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

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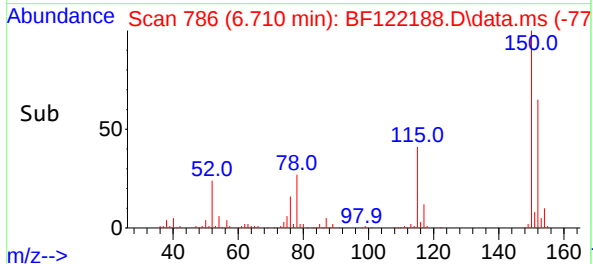
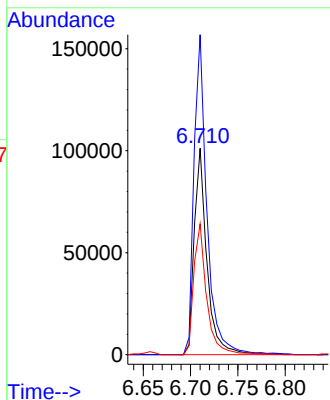
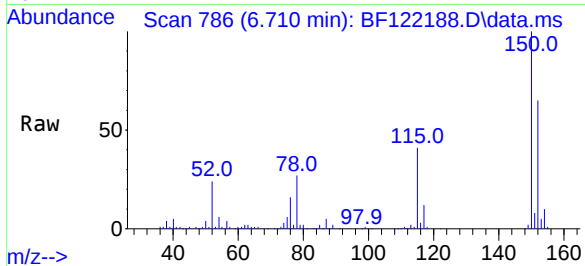




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

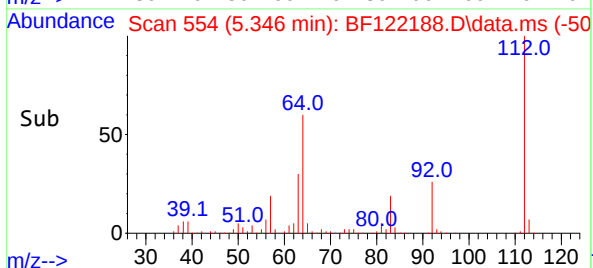
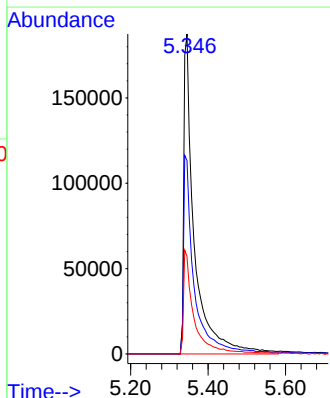
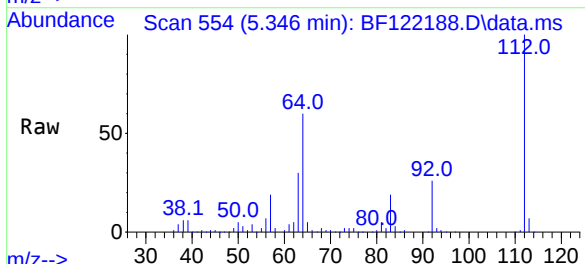
Instrument :
BNA_F
ClientSampleId :
MW-3

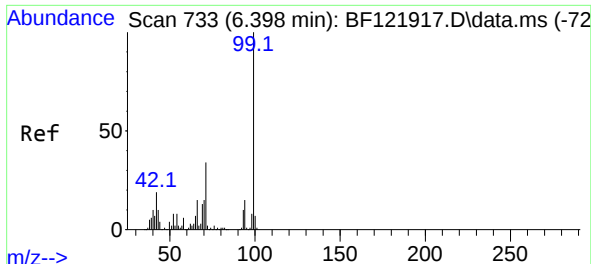
Tgt Ion:152 Resp: 95313
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 63.4 51.9 77.9



#5
2-Fluorophenol
Concen: 55.44 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion:112 Resp: 358032
Ion Ratio Lower Upper
112 100
64 60.5 50.4 75.6
63 30.4 25.8 38.6

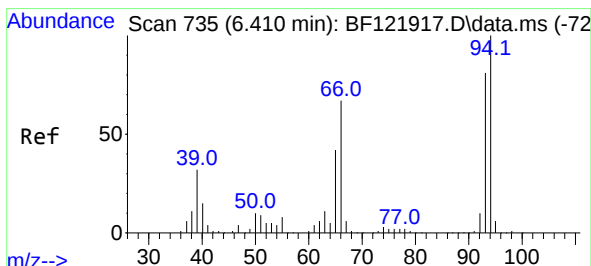
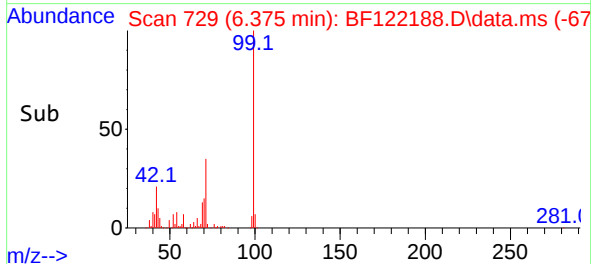
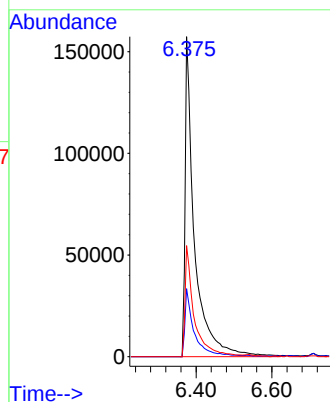
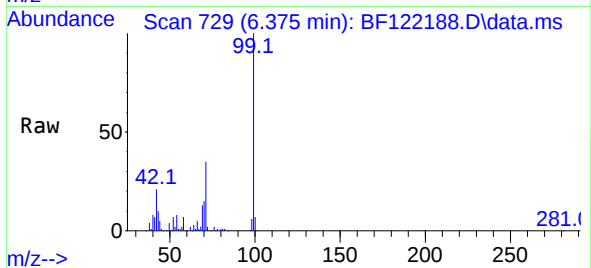




#7
Phenol-d6
Concen: 32.48 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

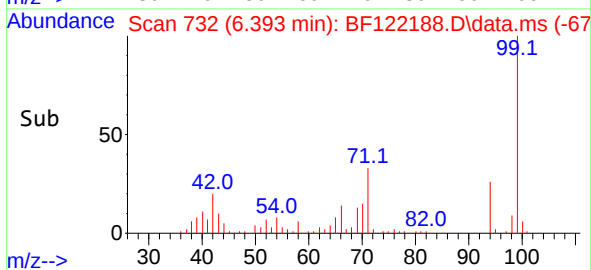
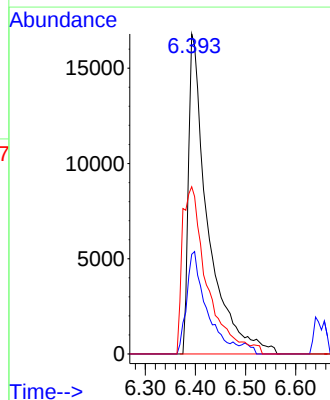
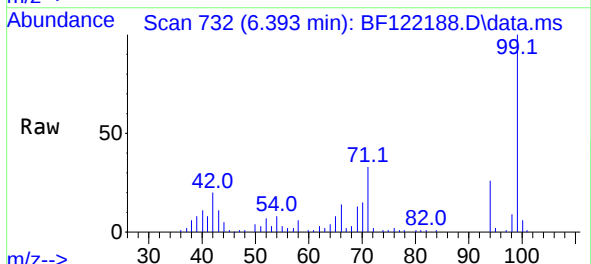
Instrument :
BNA_F
ClientSampled :
MW-3

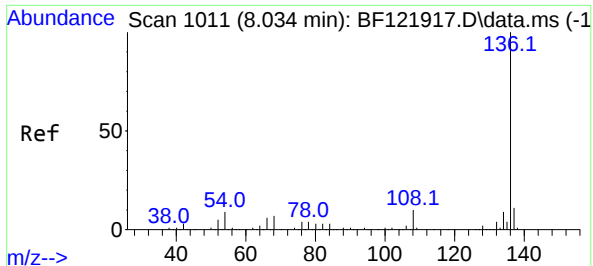
Tgt Ion: 99 Resp: 270010
Ion Ratio Lower Upper
99 100
42 21.3 15.9 23.9
71 34.7 27.1 40.7



#10
Phenol
Concen: 5.27 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.012 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion: 94 Resp: 45185
Ion Ratio Lower Upper
94 100
65 31.2 17.1 57.1
66 52.3 36.0 76.0



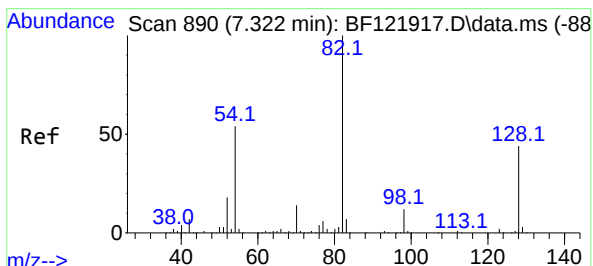
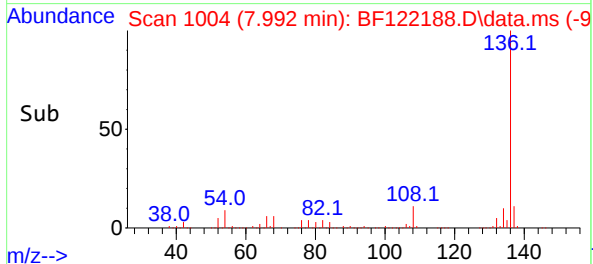
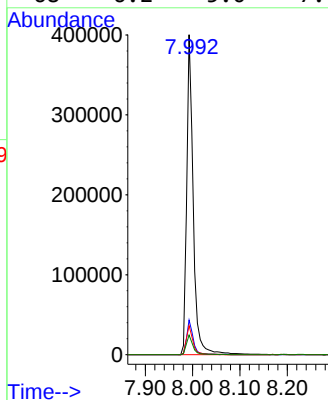
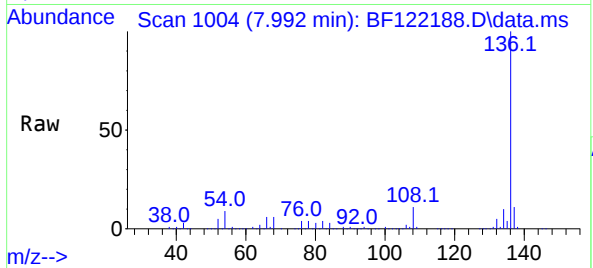


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:136 Resp: 384916

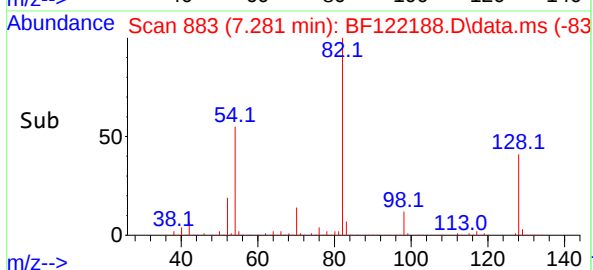
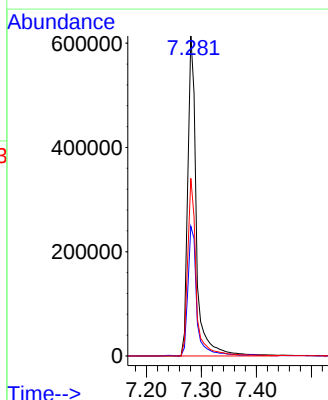
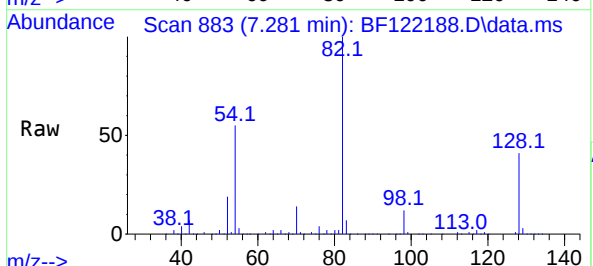
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.0	7.1	10.7
68	6.2	5.0	7.4

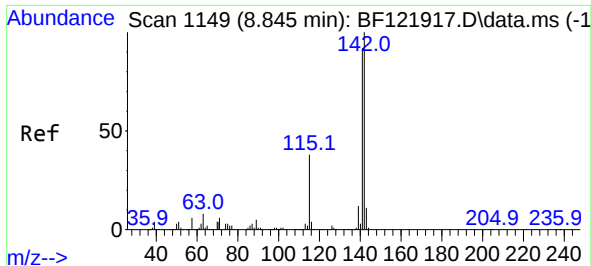


#23
Nitrobenzene-d5
Concen: 89.53 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion: 82 Resp: 671977

Ion	Ratio	Lower	Upper
82	100		
128	40.5	35.0	52.4
54	55.5	43.9	65.9

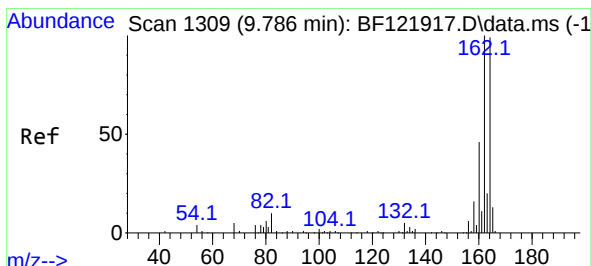
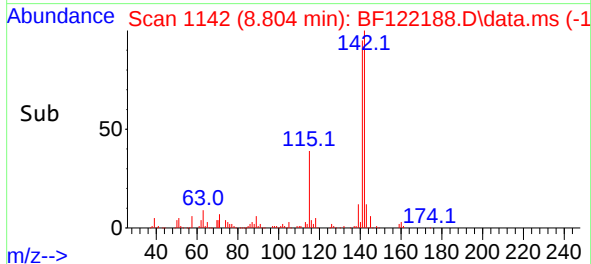
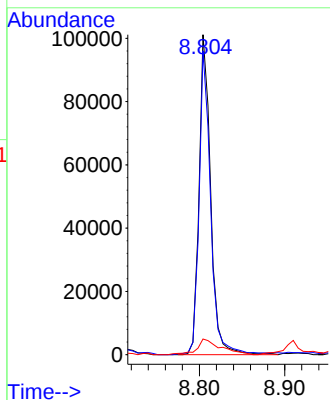
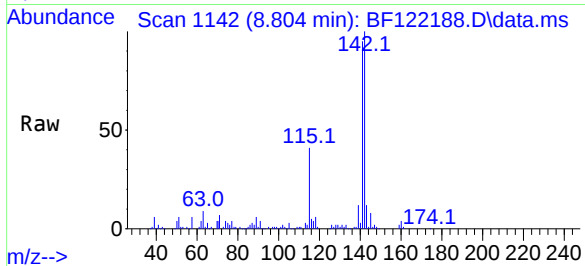




#38
1-Methylnaphthalene
Concen: 7.75 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

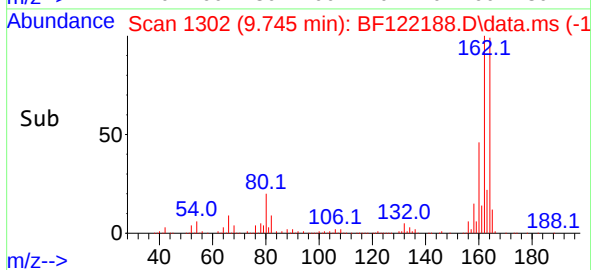
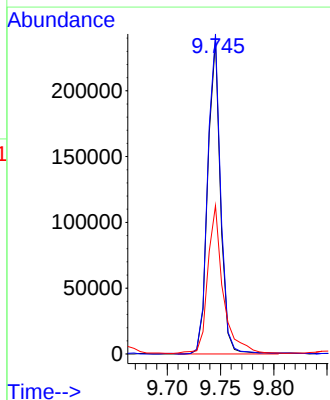
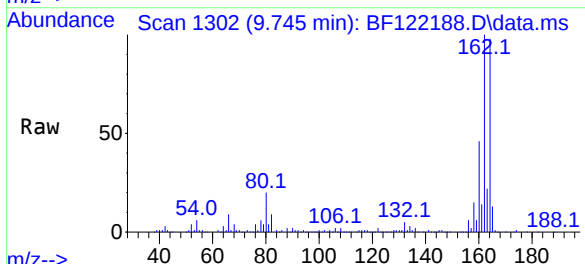
Instrument :
BNA_F
ClientSampleId :
MW-3

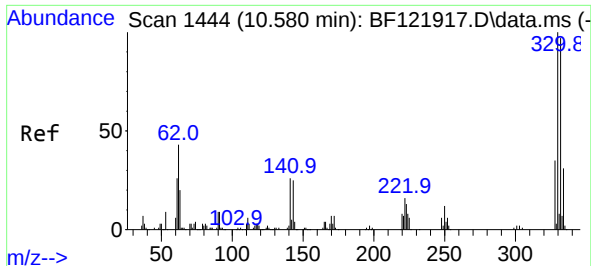
Tgt Ion:	142	Resp:	95865
Ion Ratio	Lower	Upper	
142	100		
141	95.0	74.5	111.7
116	4.9	3.2	4.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion:	164	Resp:	198286
Ion Ratio	Lower	Upper	
164	100		
162	102.0	83.2	124.8
160	47.2	37.5	56.3

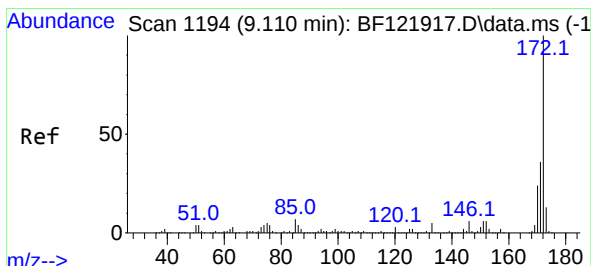
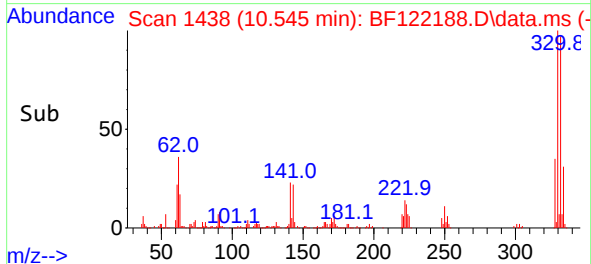
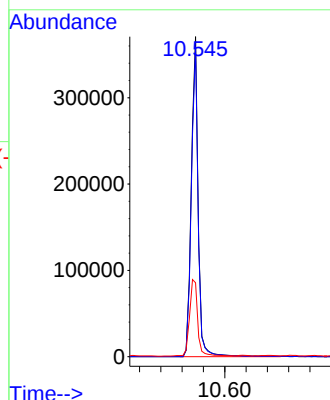
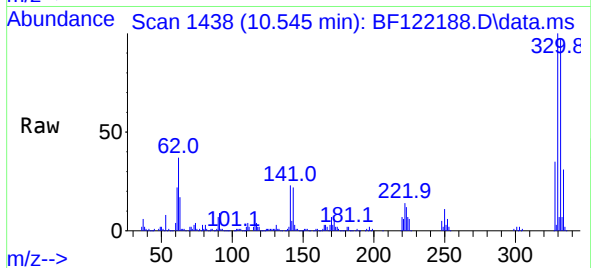




#42
2,4,6-Tribromophenol
Concen: 134.67 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

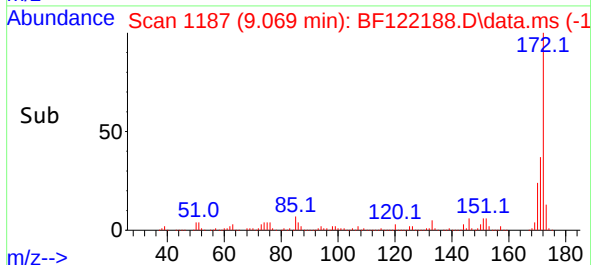
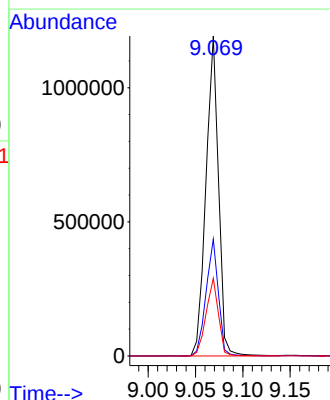
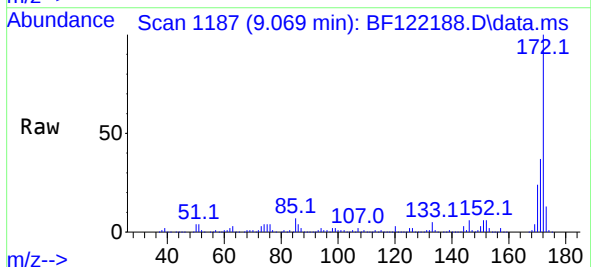
Instrument :
BNA_F
ClientSampleId :
MW-3

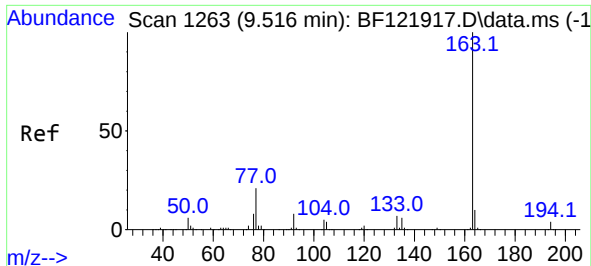
Tgt Ion:330 Resp: 330316
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 28.7 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 81.47 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion:172 Resp: 1097929
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 24.2 19.8 29.6

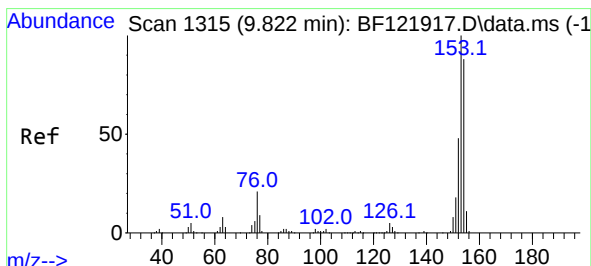
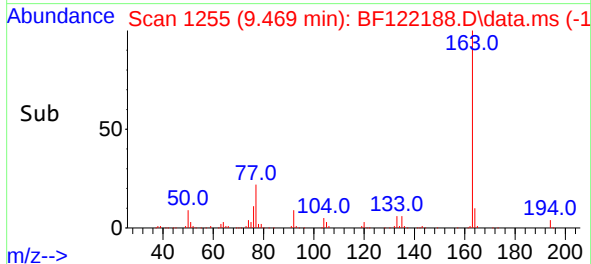
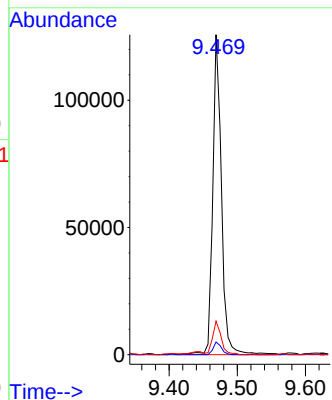
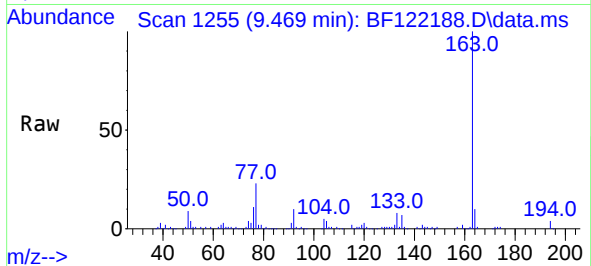




#50
Dimethylphthalate
Concen: 7.71 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

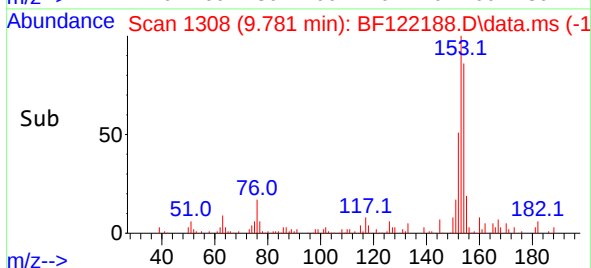
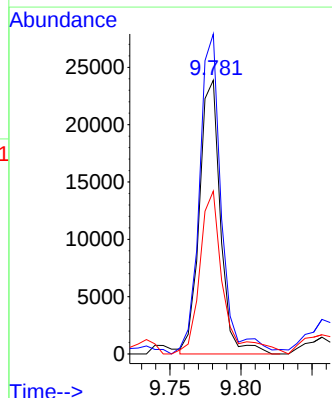
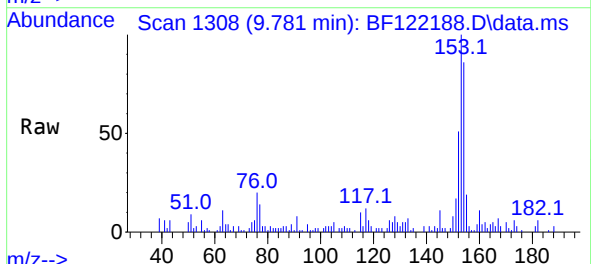
Instrument :
BNA_F
ClientSampleId :
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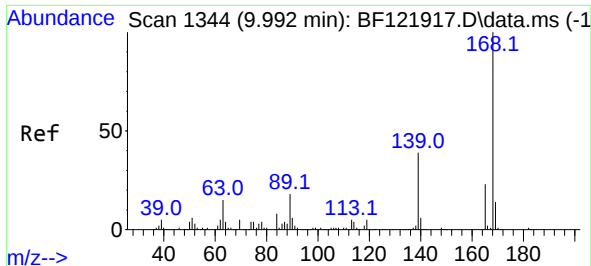
Tgt Ion:163 Resp: 111734
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.2 12.4



#52
Acenaphthene
Concen: 2.16 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion:154 Resp: 24753
Ion Ratio Lower Upper
154 100
153 116.9 89.8 134.8
152 59.5 43.2 64.8





#55

Dibenzenofuran

Concen: 2.11 ng

RT: 9.957 min Scan# 1338

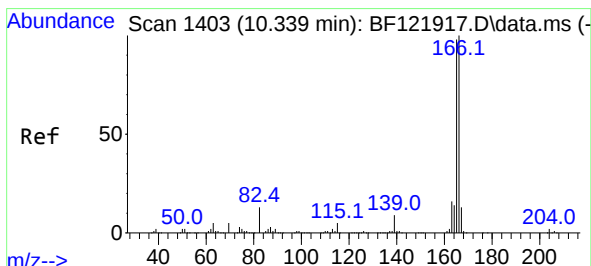
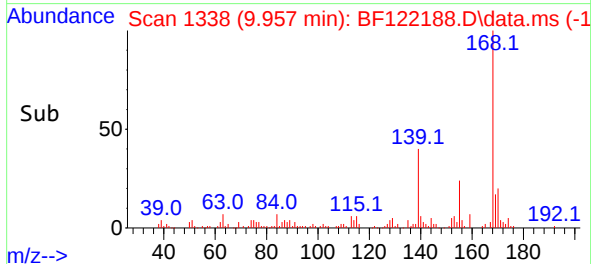
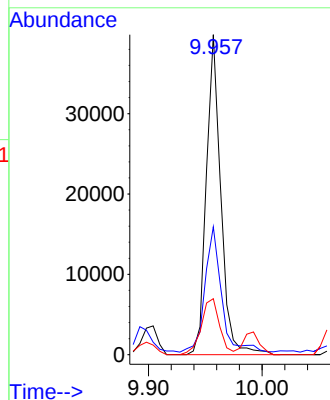
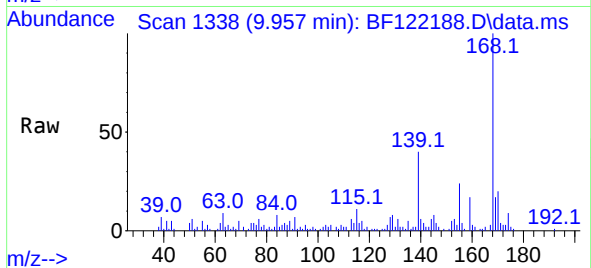
Delta R.T. 0.000 min

Lab File: BF122188.D

Acq: 30 Oct 2020 19:15

Tgt Ion:168	Resp:	35309
Ion Ratio	Lower	Upper
168	100	
139	39.9	31.0 46.6
169	17.5	11.3 16.9#

Instrument :
BNA_F
ClientSampled :
MW-3



#58

Fluorene

Concen: 4.65 ng

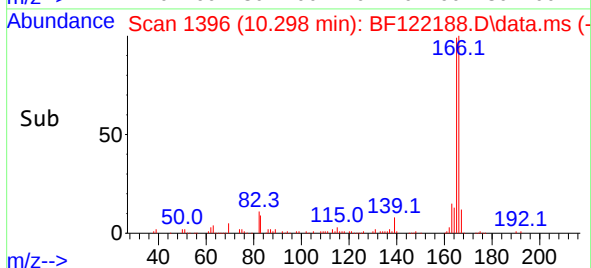
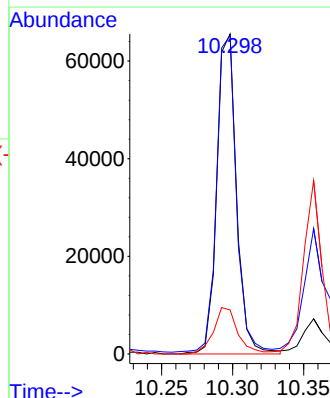
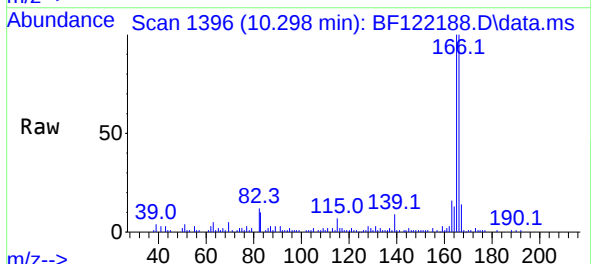
RT: 10.298 min Scan# 1396

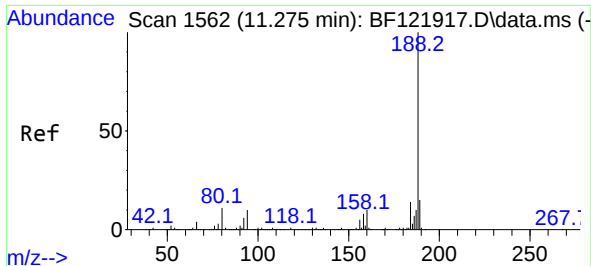
Delta R.T. 0.000 min

Lab File: BF122188.D

Acq: 30 Oct 2020 19:15

Tgt Ion:166	Resp:	62746
Ion Ratio	Lower	Upper
166	100	
165	99.6	79.1 118.7
167	13.8	11.0 16.6

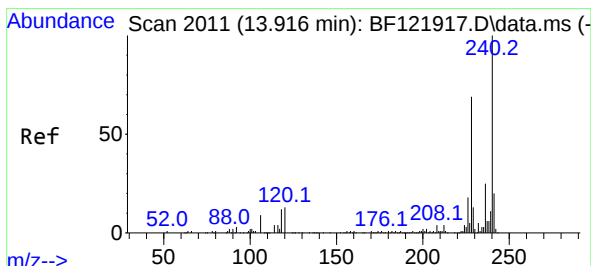
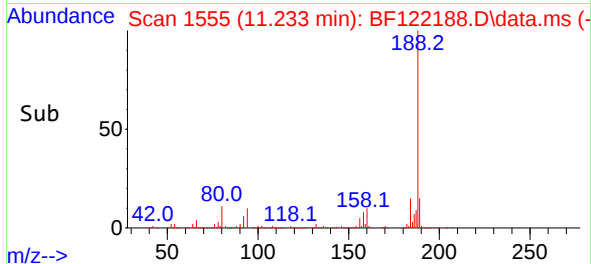
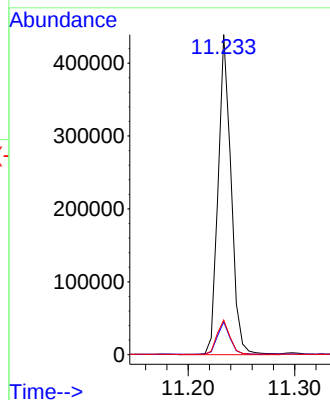
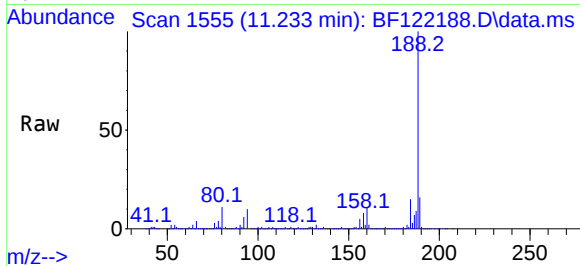




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

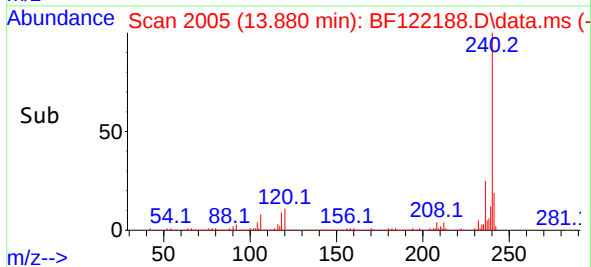
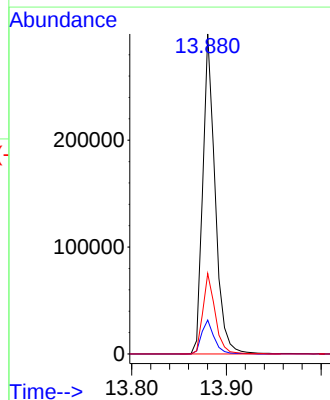
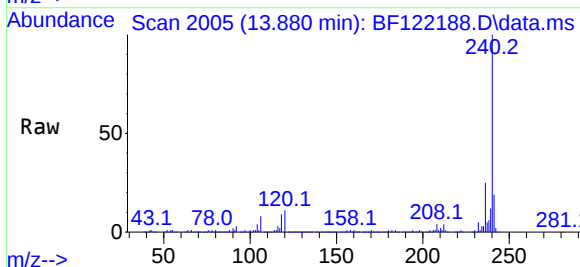
Instrument :
BNA_F
ClientSampleId :
MW-3

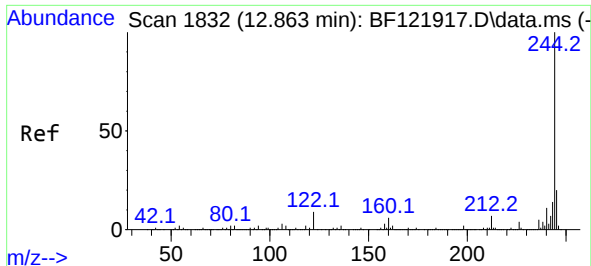
Tgt Ion:188 Resp: 369580
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.8 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion:240 Resp: 271962
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.1 20.9 31.3

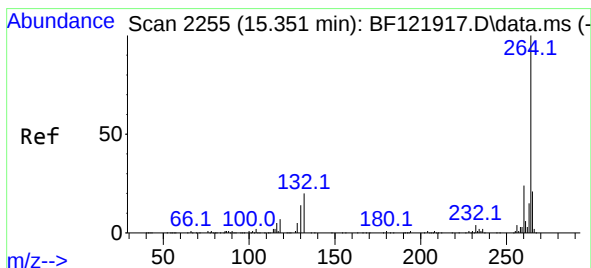
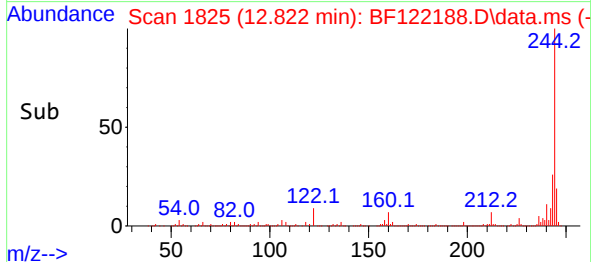
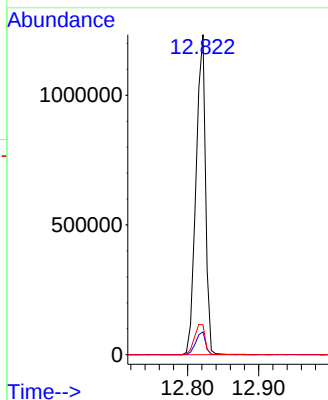
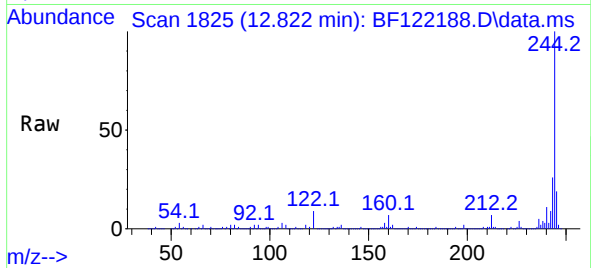




#79
Terphenyl-d14
Concen: 80.74 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122188.D
Acq: 30 Oct 2020 19:15

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:244 Resp: 1152261
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.4 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: BF122188.D
Acq: 30 Oct 2020 19:15

Tgt Ion:264 Resp: 214005
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.1 17.3 25.9

