

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122191.D
 Acq On : 30 Oct 2020 20:49
 Operator : JU/CG
 Sample : L4541-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124024

Quant Time: Oct 31 02:55:19 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)

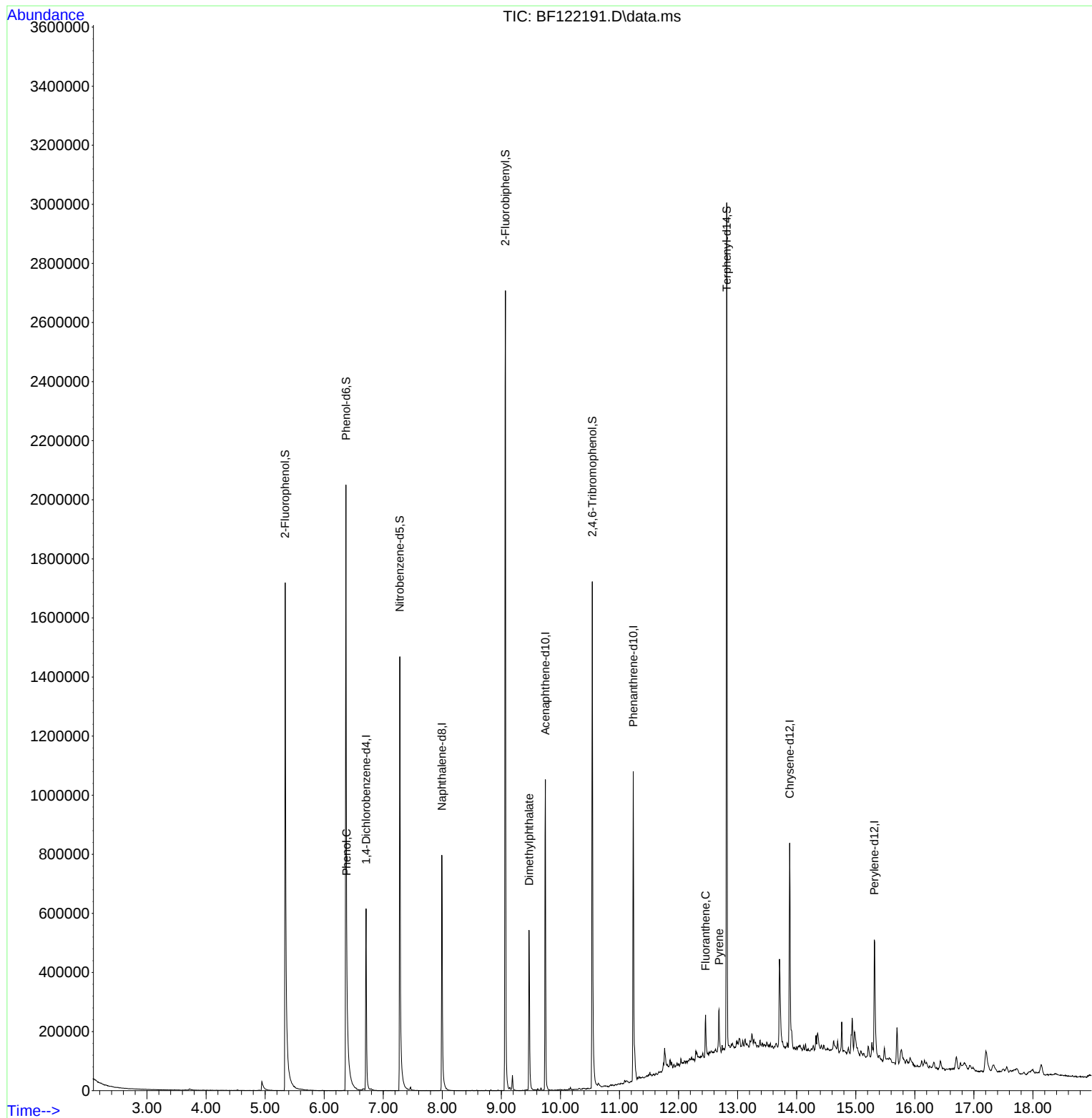
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	100746	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	412580	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	213071	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	392533	20.00	ng	0.00
76) Chrysene-d12	13.880	240	241044	20.00	ng	0.00
86) Perylene-d12	15.315	264	212807	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	629920	92.28	ng	0.00
7) Phenol-d6	6.369	99	804042	91.50	ng	0.00
23) Nitrobenzene-d5	7.281	82	536704	66.71	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	230290	87.37	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	904587	62.47	ng	0.00
79) Terphenyl-d14	12.815	244	832517	65.82	ng	0.00
Target Compounds						
10) Phenol	6.381	94	47722	5.26	ng	Qvalue 87
50) Dimethylphthalate	9.469	163	230500	14.79	ng	100
75) Fluoranthene	12.457	202	58712	2.54	ng	97
78) Pyrene	12.686	202	59885	3.26	ng	99

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

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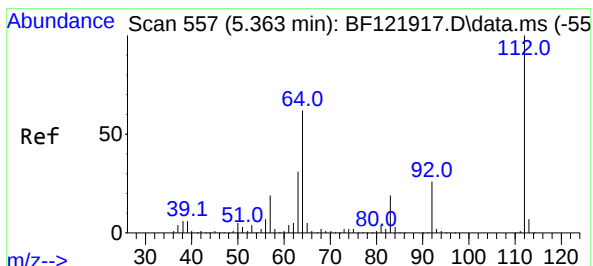
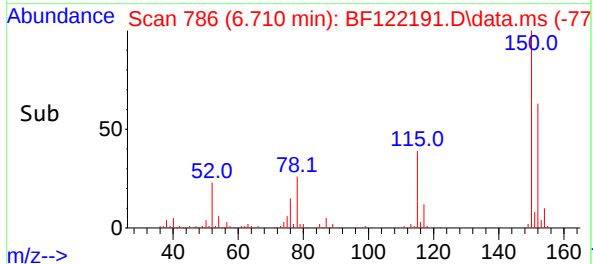
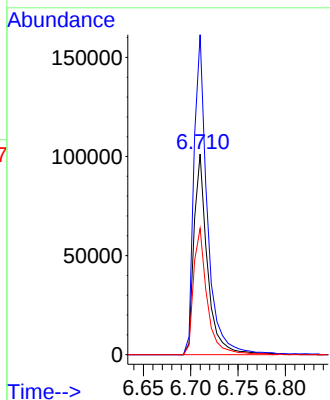
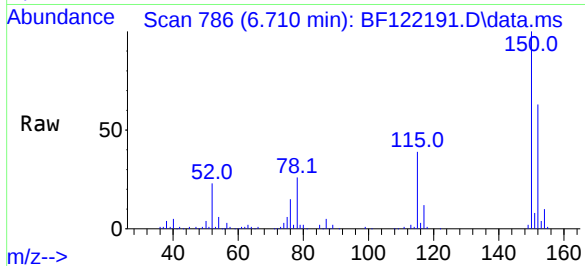




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122191.D
Acq: 30 Oct 2020 20:49

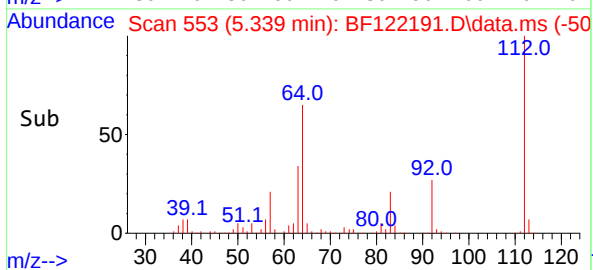
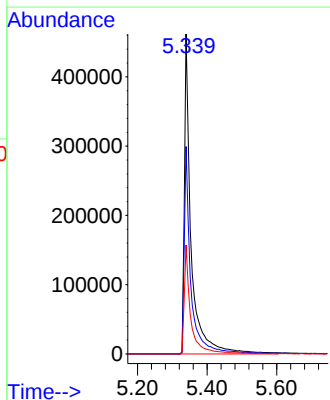
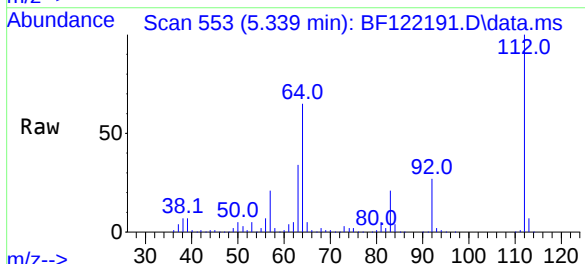
Instrument :
BNA_F
ClientSampleId :
124024

Tgt Ion:152 Resp: 100746
Ion Ratio Lower Upper
152 100
150 159.5 125.3 187.9
115 62.9 51.9 77.9



#5
2-Fluorophenol
Concen: 92.28 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122191.D
Acq: 30 Oct 2020 20:49

Tgt Ion:112 Resp: 629920
Ion Ratio Lower Upper
112 100
64 64.8 50.4 75.6
63 34.0 25.8 38.6

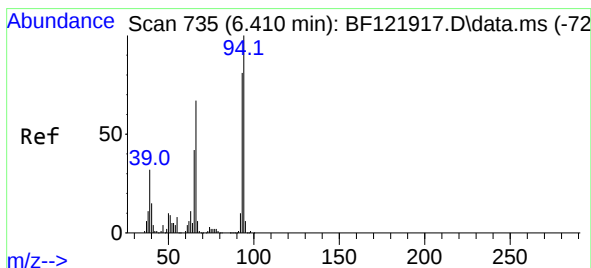
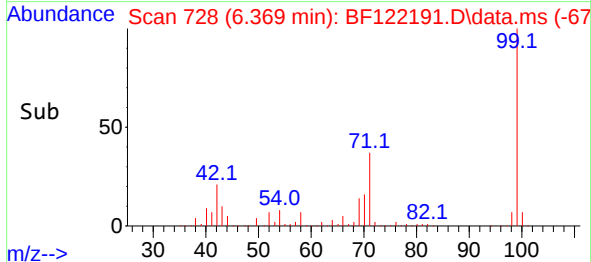
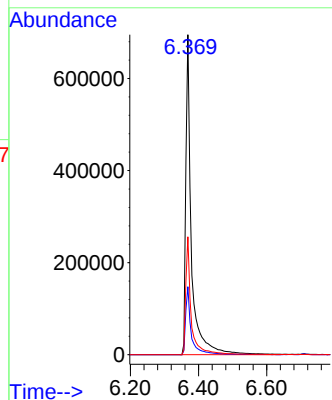
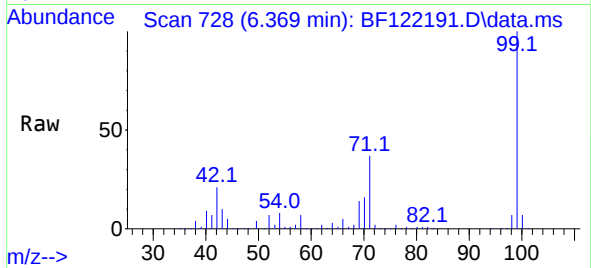




#7
Phenol-d6
Concen: 91.50 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122191.D
Acq: 30 Oct 2020 20:49

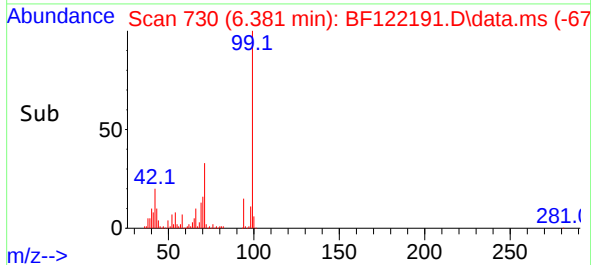
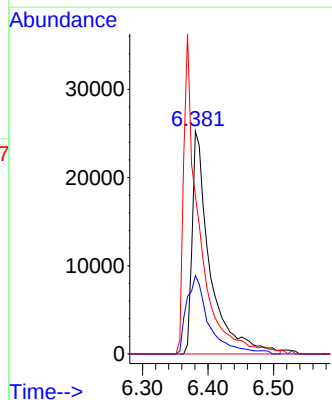
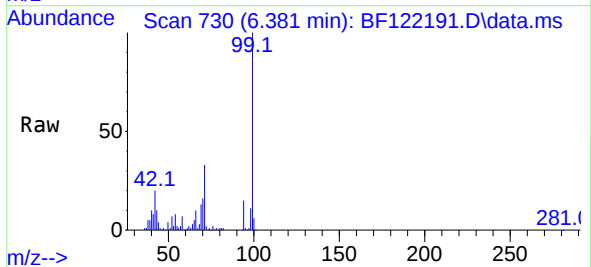
Instrument :
BNA_F
ClientSampleId :
124024

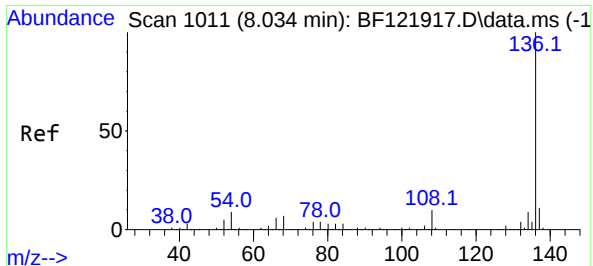
Tgt Ion: 99 Resp: 804042
Ion Ratio Lower Upper
99 100
42 21.3 15.9 23.9
71 36.8 27.1 40.7



#10
Phenol
Concen: 5.26 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122191.D
Acq: 30 Oct 2020 20:49

Tgt Ion: 94 Resp: 47722
Ion Ratio Lower Upper
94 100
65 35.2 17.1 57.1
66 70.7 36.0 76.0



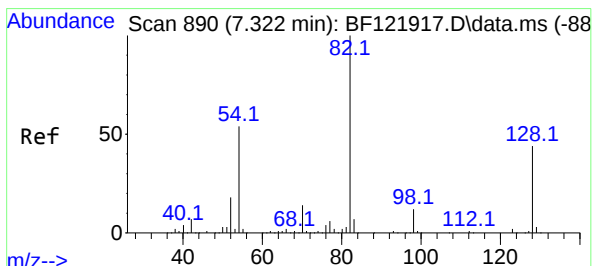
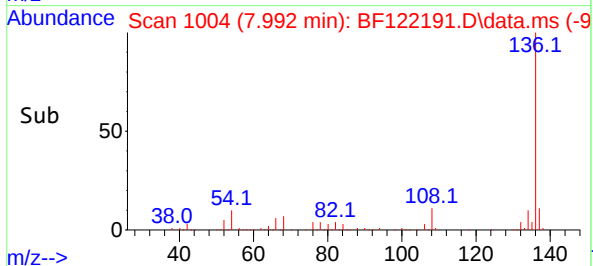
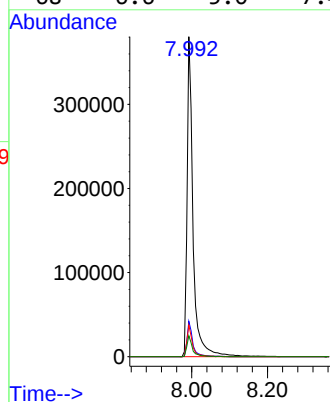
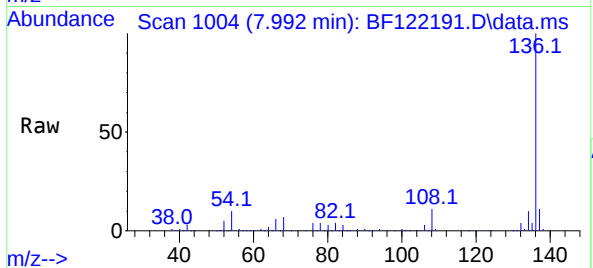


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122191.D
Acq: 30 Oct 2020 20:49

Instrument :
BNA_F
ClientSampleId :
124024

Tgt Ion:136 Resp: 412580

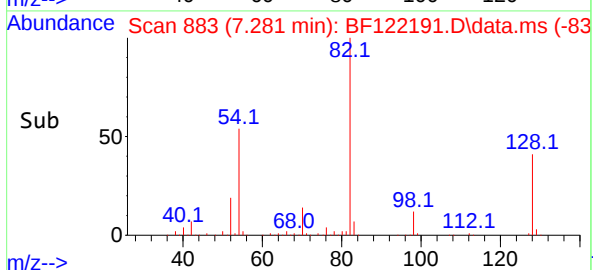
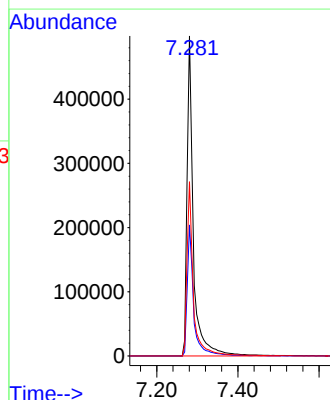
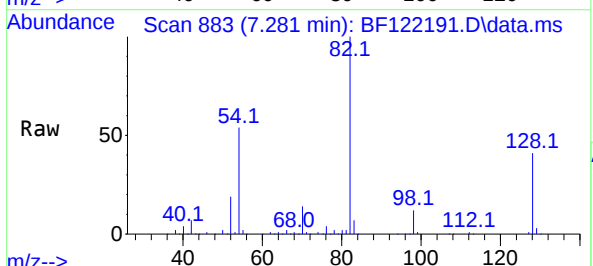
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.9	7.1	10.7
68	6.6	5.0	7.4

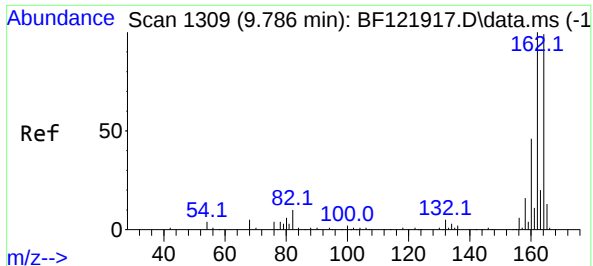


#23
Nitrobenzene-d5
Concen: 66.71 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122191.D
Acq: 30 Oct 2020 20:49

Tgt Ion: 82 Resp: 536704

Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.0	52.4
54	54.5	43.9	65.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF122191.D

Acq: 30 Oct 2020 20:49

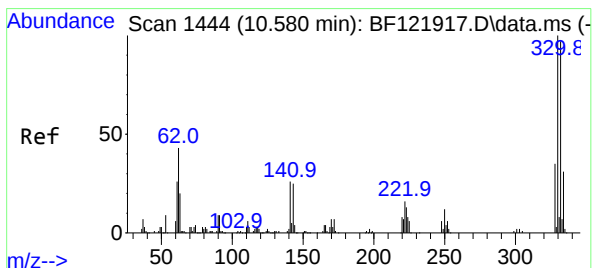
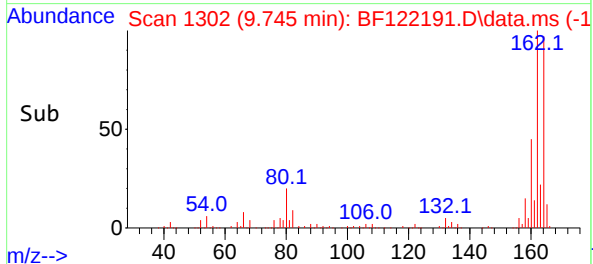
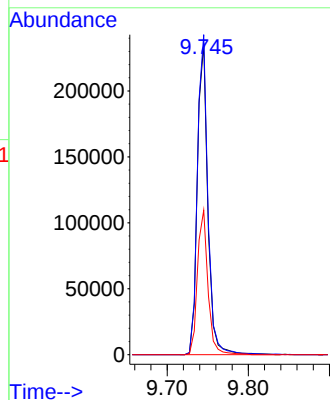
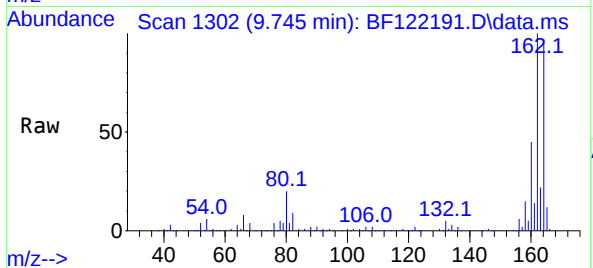
Tgt Ion:164 Resp: 213071

Ion Ratio Lower Upper

164 100

162 102.8 83.2 124.8

160 46.4 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 87.37 ng

RT: 10.539 min Scan# 1437

Delta R.T. -0.006 min

Lab File: BF122191.D

Acq: 30 Oct 2020 20:49

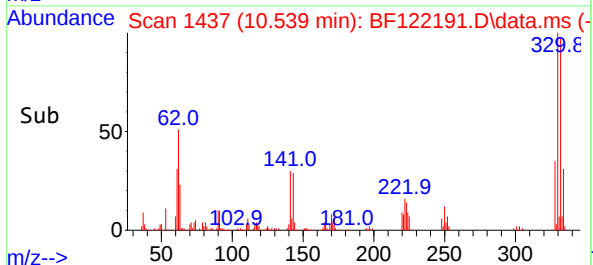
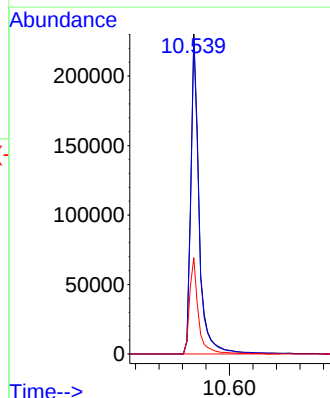
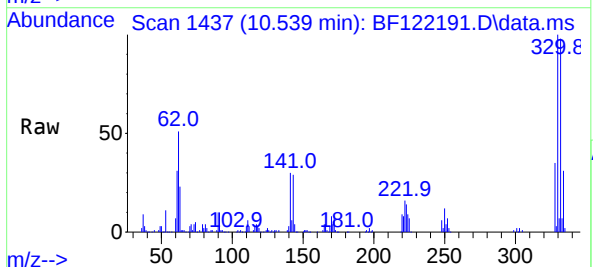
Tgt Ion:330 Resp: 230290

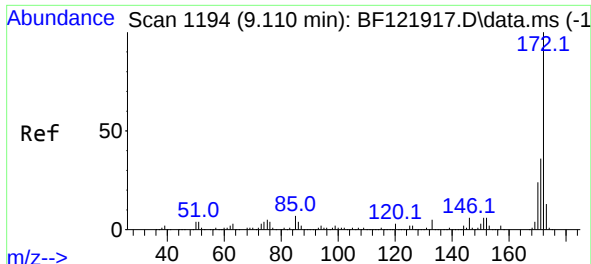
Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 31.3 22.3 33.5

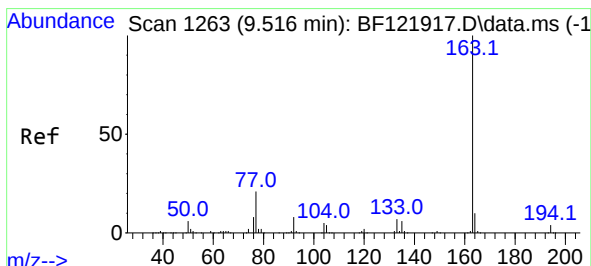
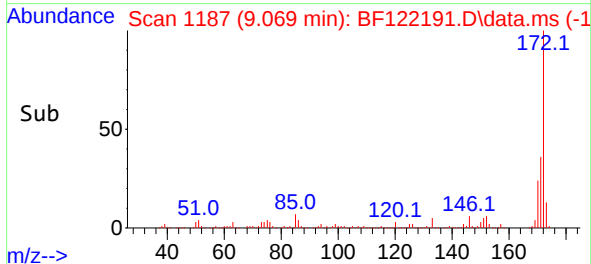
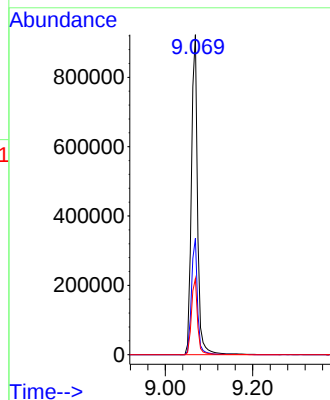
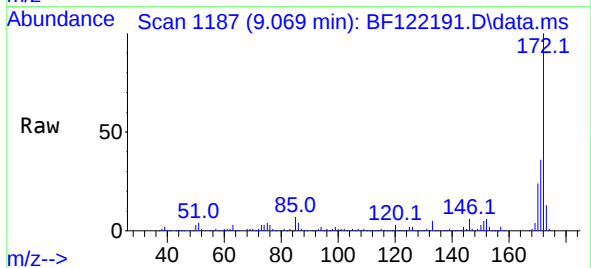




#45
2-Fluorobiphenyl
Concen: 62.47 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122191.D
Acq: 30 Oct 2020 20:49

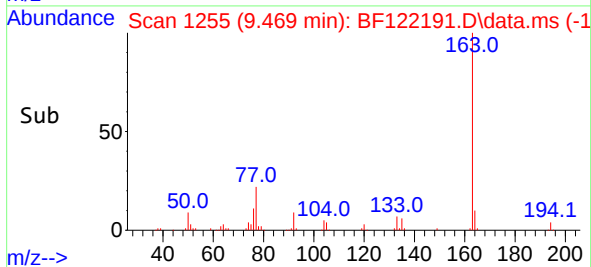
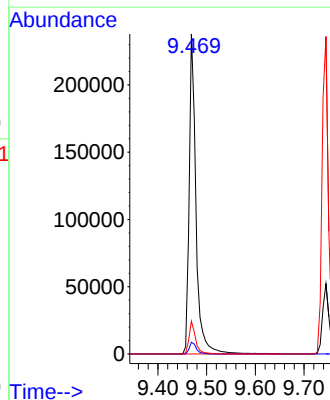
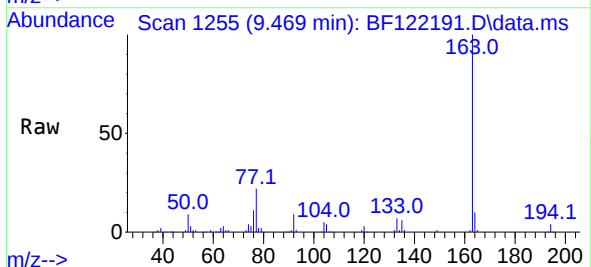
Instrument :
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124024

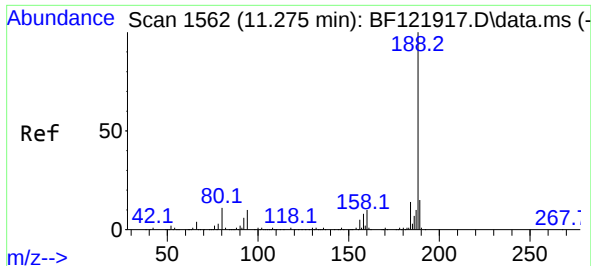
Tgt Ion:172 Resp: 904587
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 23.8 19.8 29.6



#50
Dimethylphthalate
Concen: 14.79 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122191.D
Acq: 30 Oct 2020 20:49

Tgt Ion:163 Resp: 230500
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.3 8.2 12.4

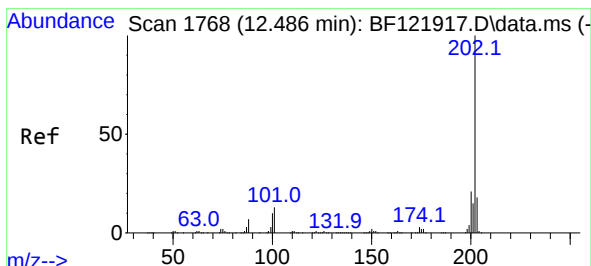
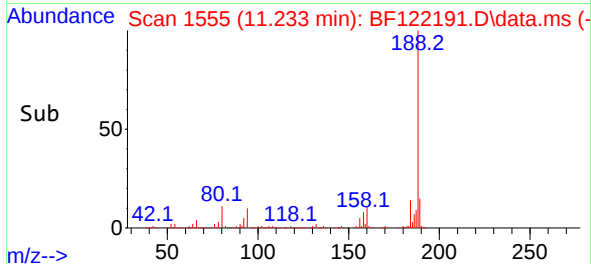
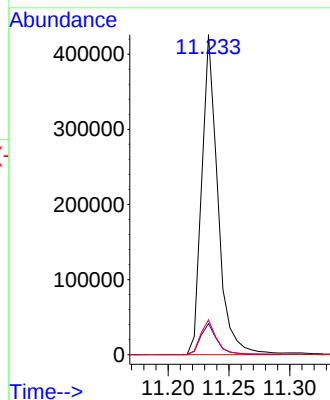
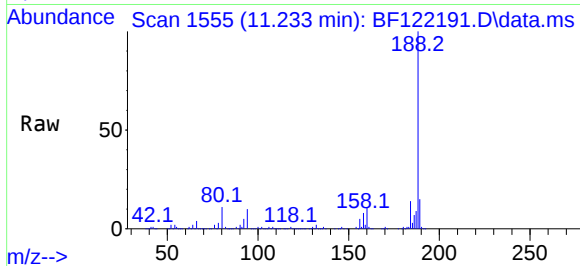




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122191.D
Acq: 30 Oct 2020 20:49

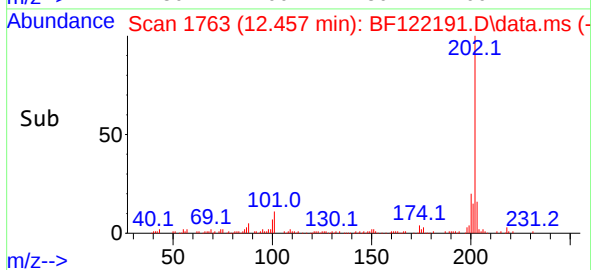
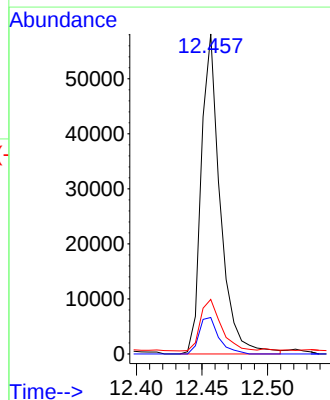
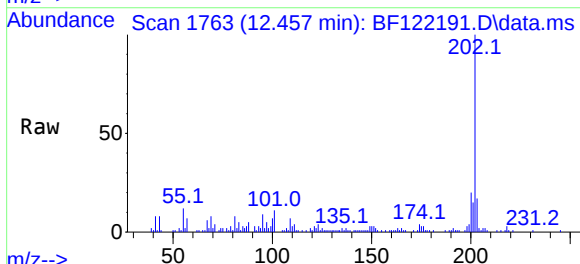
Instrument :
BNA_F
ClientSampleId :
124024

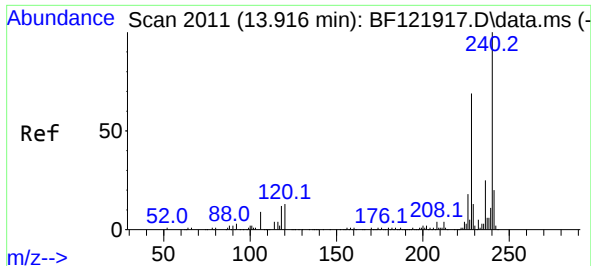
Tgt Ion:188 Resp: 392533
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.9 9.1 13.7



#75
Fluoranthene
Concen: 2.54 ng
RT: 12.457 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BF122191.D
Acq: 30 Oct 2020 20:49

Tgt Ion:202 Resp: 58712
Ion Ratio Lower Upper
202 100
101 11.4 0.0 33.4
203 17.0 0.0 37.9

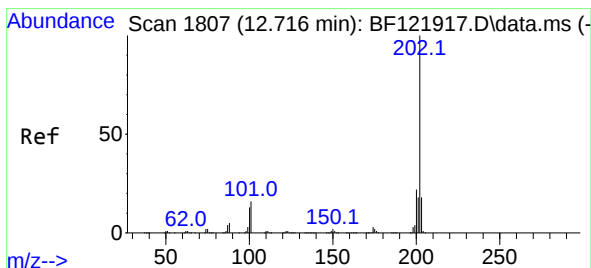
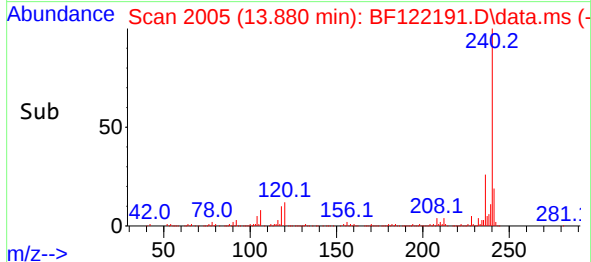
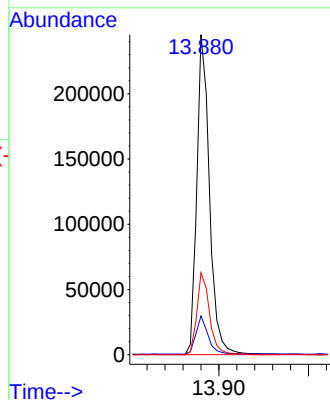
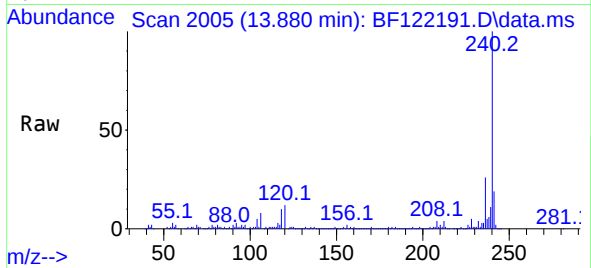




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122191.D
Acq: 30 Oct 2020 20:49

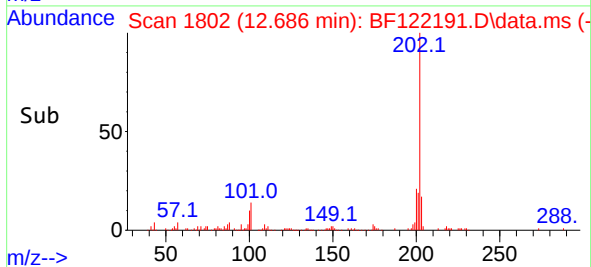
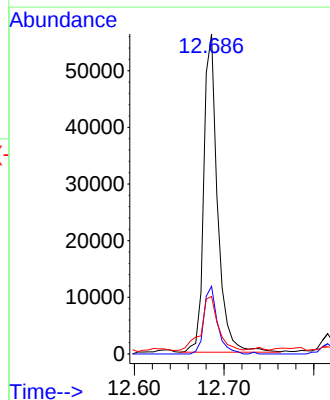
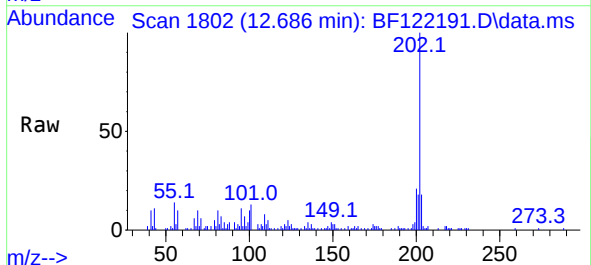
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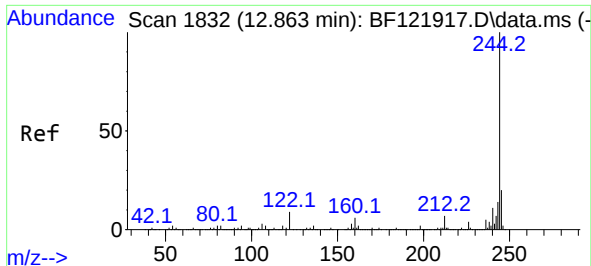
Tgt Ion:240 Resp: 241044
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.6 20.9 31.3



#78
Pyrene
Concen: 3.26 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BF122191.D
Acq: 30 Oct 2020 20:49

Tgt Ion:202 Resp: 59885
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 18.0 14.6 21.8

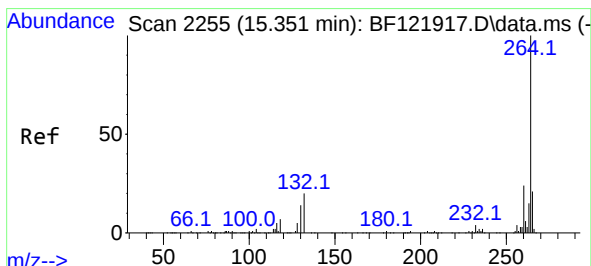
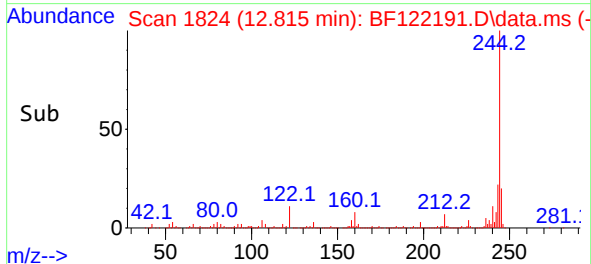
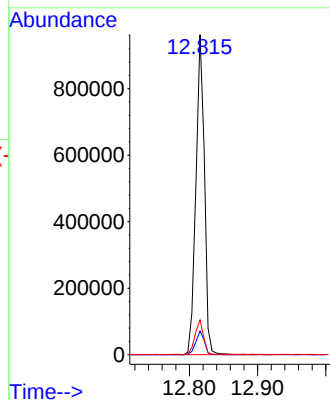
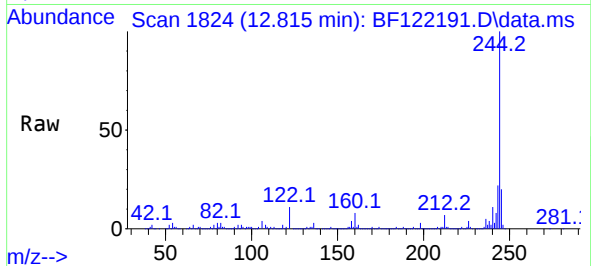




#79
Terphenyl-d14
Concen: 65.82 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122191.D
Acq: 30 Oct 2020 20:49

Instrument :
BNA_F
ClientSampleId :
124024

Tgt Ion:244 Resp: 832517
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 10.9 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: BF122191.D
Acq: 30 Oct 2020 20:49

Tgt Ion:264 Resp: 212807
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 22.2 17.3 25.9

