

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044180.D
 Acq On : 24 Jan 2020 13:52
 Operator : CG/JU
 Sample : L1241-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-11

Quant Time: Jan 27 04:25:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

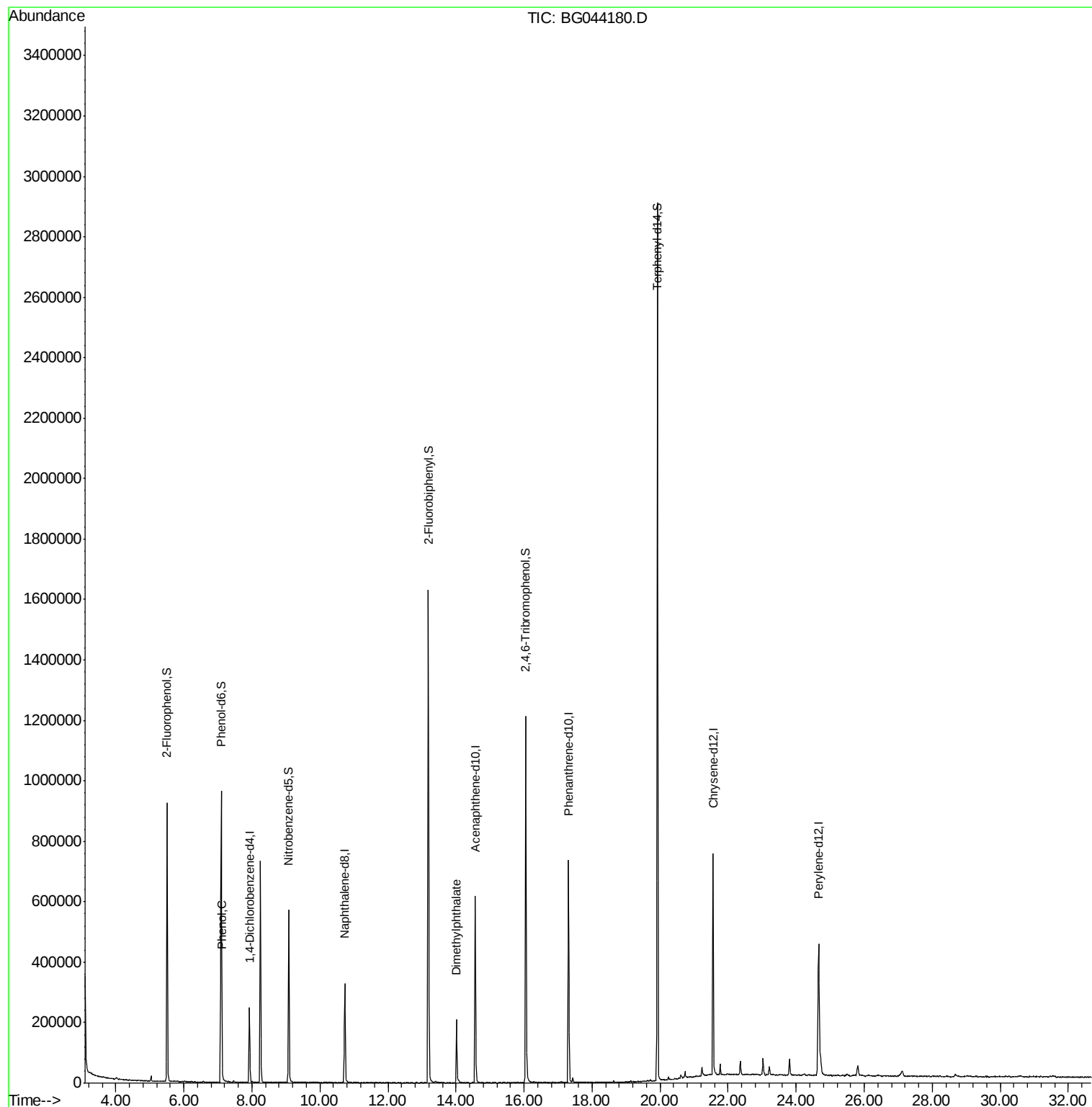
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	72465	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	324603	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	231375	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	489559	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	426208	20.00	ng	-0.04
87) Perylene-d12	24.66	264	472737	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	449112	113.80	ng	-0.03
7) Phenol-d6	7.10	99	616345	111.72	ng	-0.03
23) Nitrobenzene-d5	9.08	82	373626	61.58	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	240775	99.44	ng	-0.03
45) 2-Fluorobiphenyl	13.18	172	940365	73.63	ng	-0.04
79) Terphenyl-d14	19.92	244	1373519	75.32	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	17829	3.137	ng	87
50) Dimethylphthalate	14.02	163	174760	10.638	ng	95

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

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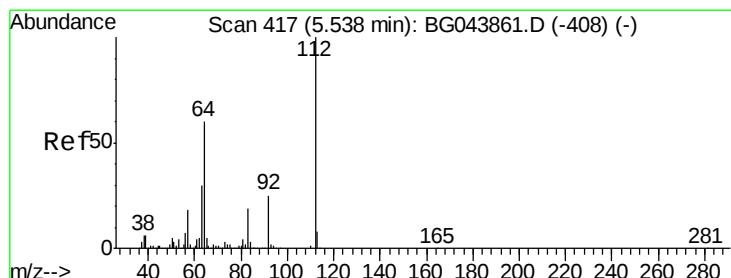
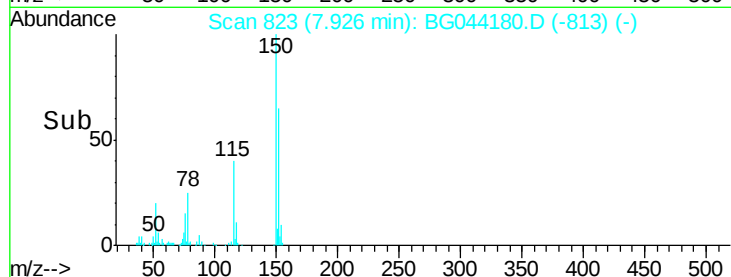
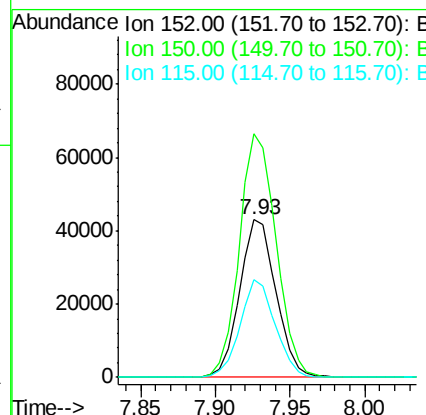
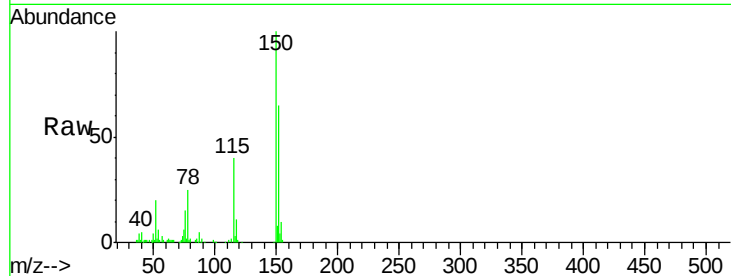


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.04 min
Lab File: BG044180.D
Acq: 24 Jan 2020 13:52

Instrument :
BNA_G
ClientSampleId :
EP-11

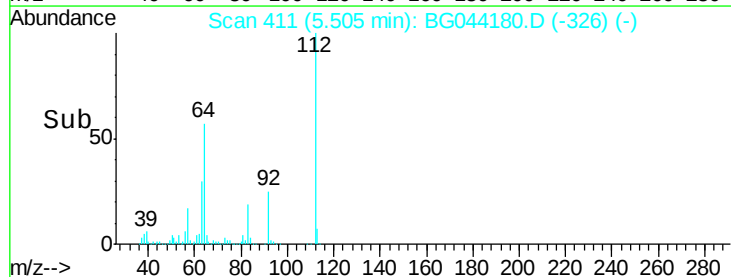
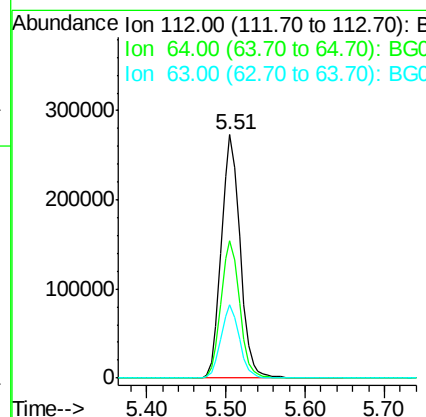
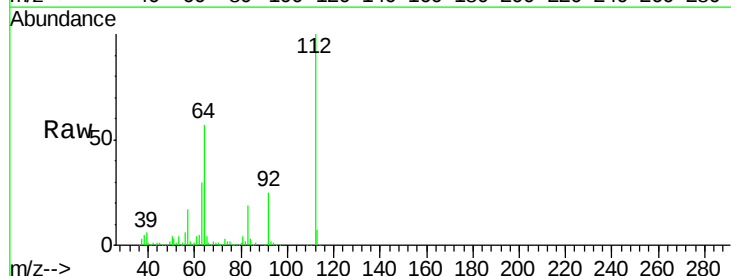
Tot Ion:152 Resp: 72465
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.4
115 62.5 47.8 71.8



#5

2-Fluorophenol
Concen: 113.796 ng
RT: 5.51 min Scan# 411
Delta R.T. -0.03 min
Lab File: BG044180.D
Acq: 24 Jan 2020 13:52

Tgt Ion:112 Resp: 449112
Ion Ratio Lower Upper
112 100
64 56.7 47.8 71.6
63 30.0 24.3 36.5





#7

Phenol-d6

Concen: 111.724 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044180.D

Acq: 24 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

EP-11

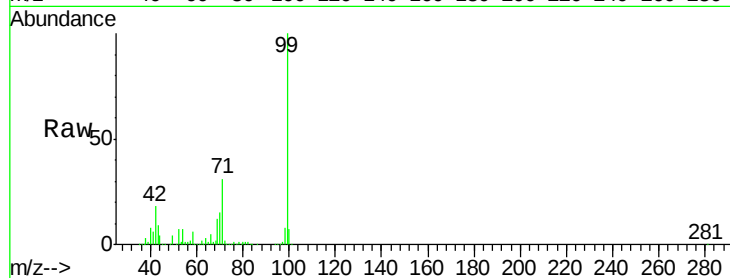
Tot Ion: 99 Resp: 616345

Ion Ratio Lower Upper

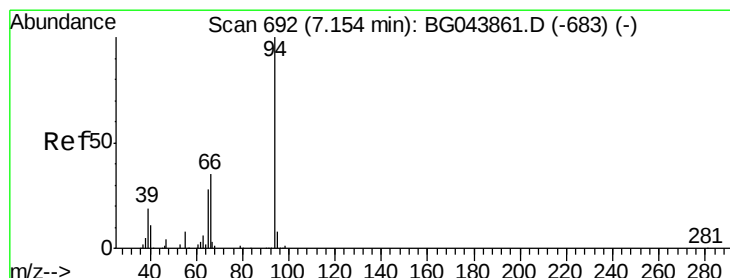
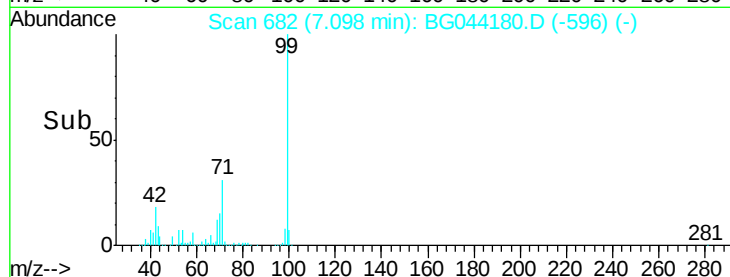
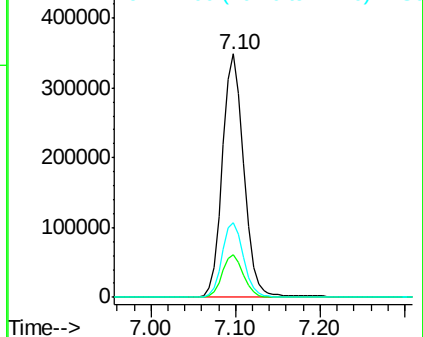
99 100

42 17.6 14.9 22.3

71 30.9 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 3.137 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.03 min

Lab File: BG044180.D

Acq: 24 Jan 2020 13:52

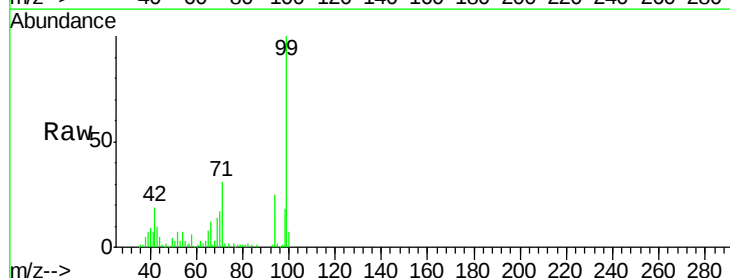
Tgt Ion: 94 Resp: 17829

Ion Ratio Lower Upper

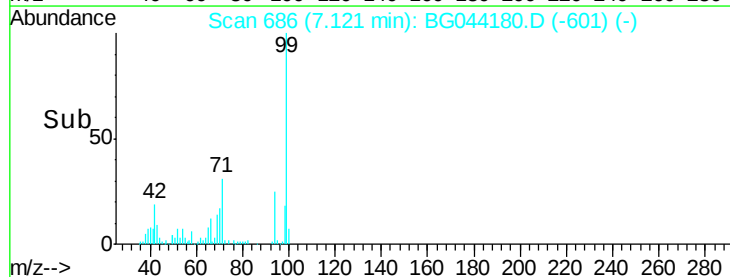
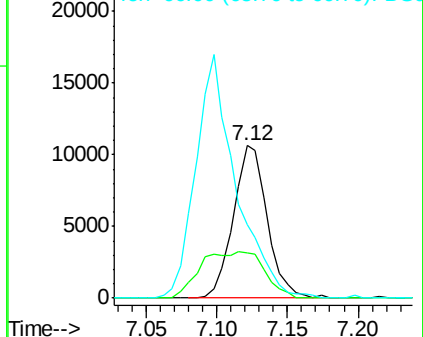
94 100

65 30.0 8.1 48.1

66 48.0 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

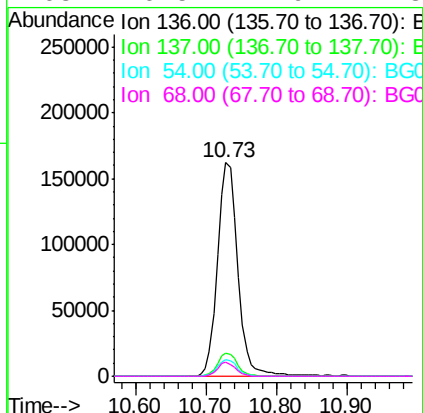
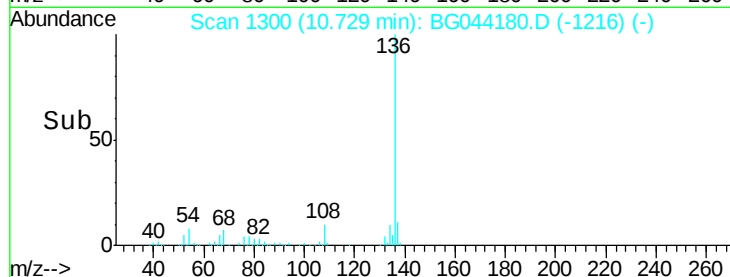
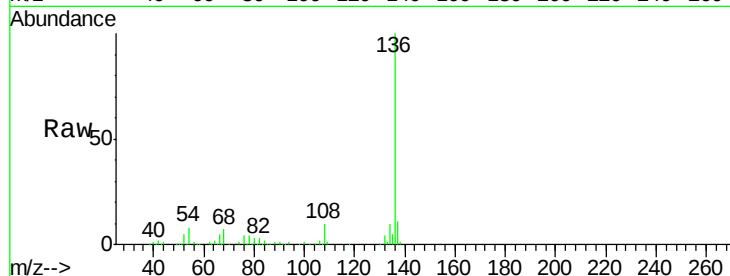




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044180.D
Acq: 24 Jan 2020 13:52

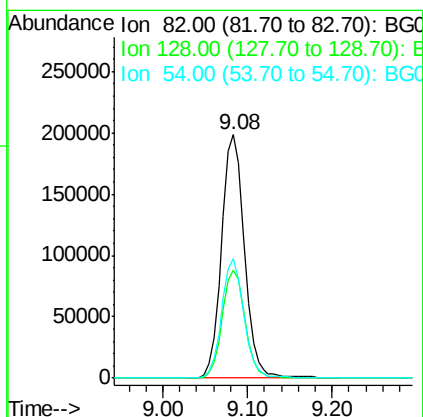
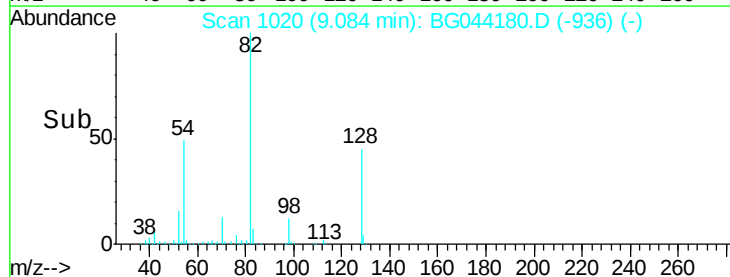
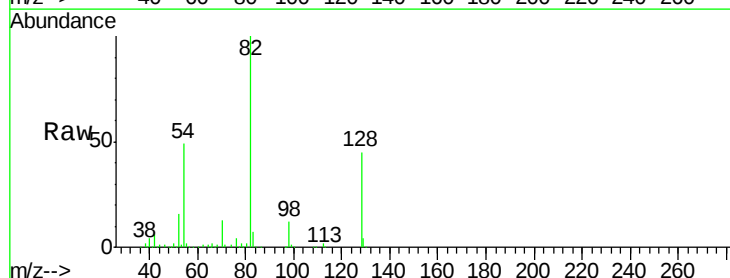
Instrument :
BNA_G
ClientSampleId :
EP-11

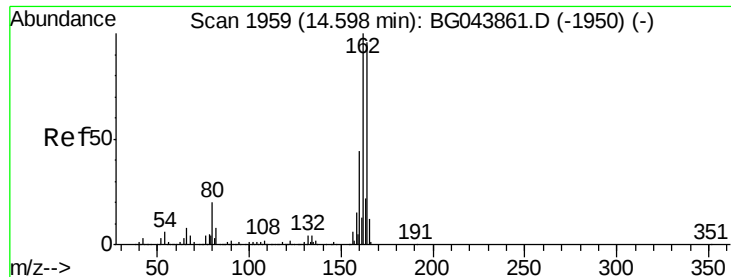
Tot Ion:136	Resp:	324603
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 8.1	7.0	10.4
68 6.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 61.575 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044180.D
Acq: 24 Jan 2020 13:52

Tgt Ion	82	Resp: Lower	373626 Upper
	Ratio 100		
128	44.5	35.1	52.7
54	49.1	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044180.D

Acq: 24 Jan 2020 13:52

Instrument :

BNA_G

ClientSampleId :

EP-11

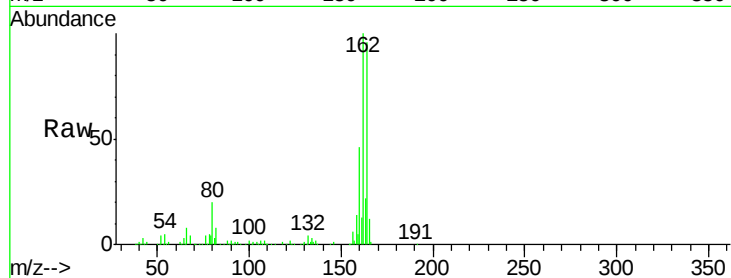
Tot Ion:164 Resp: 231375

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

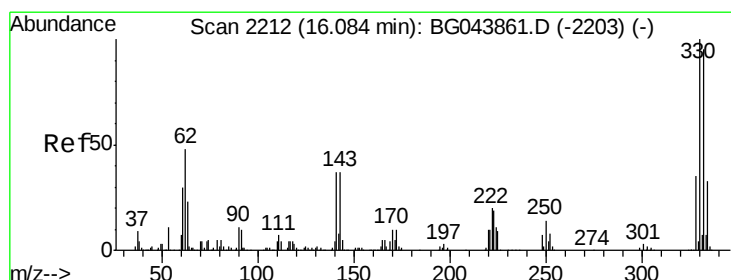
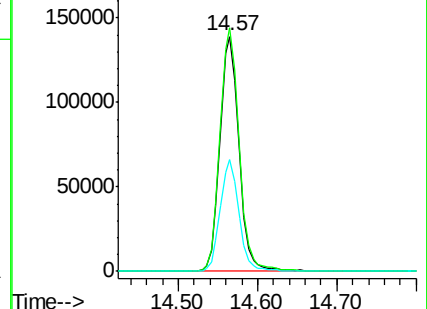
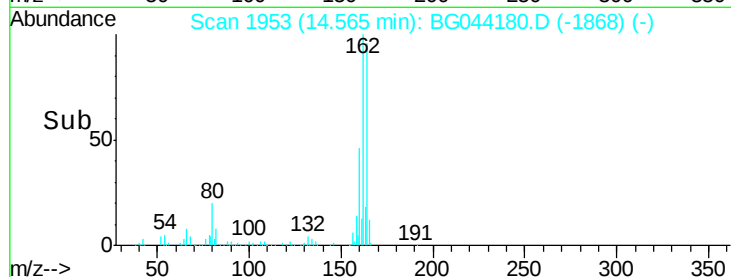
160 47.4 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 99.441 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044180.D

Acq: 24 Jan 2020 13:52

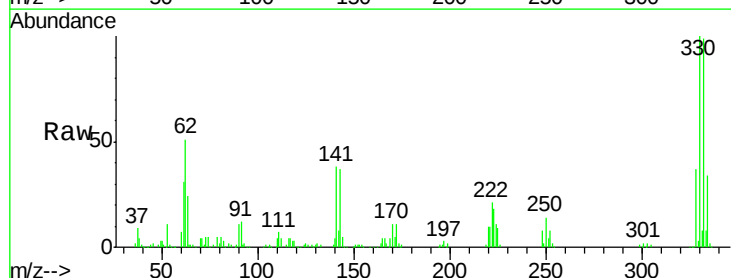
Tgt Ion:330 Resp: 240775

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

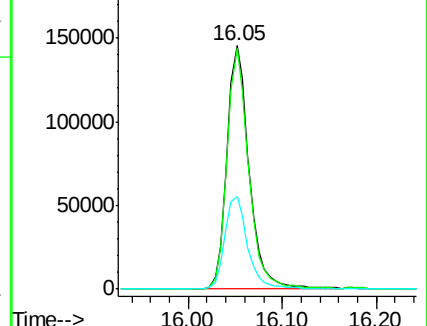
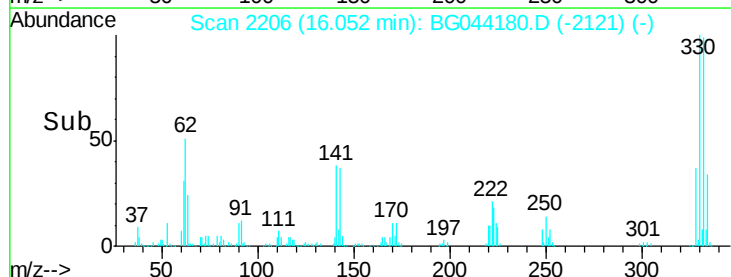
141 39.2 33.1 49.7



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

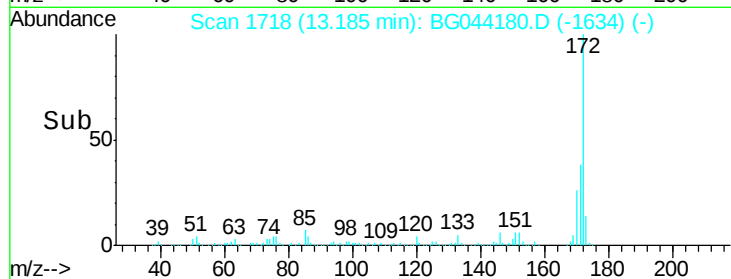
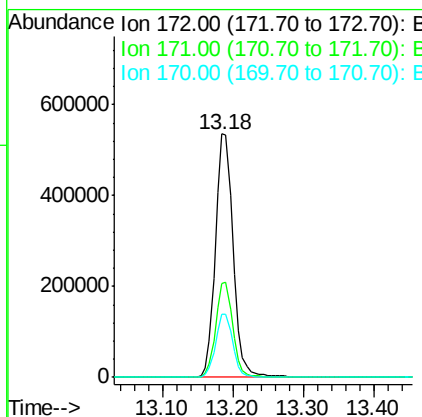
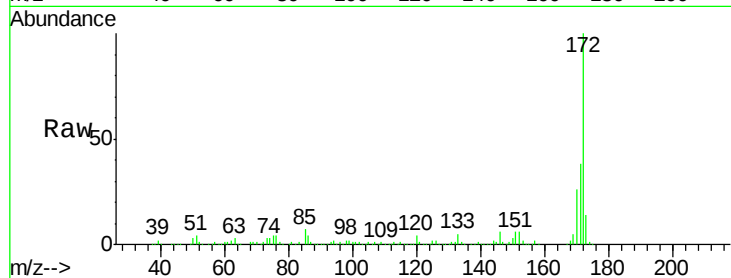




#45
2-Fluorobiphenyl
Concen: 73.635 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BG044180.D
Acq: 24 Jan 2020 13:52

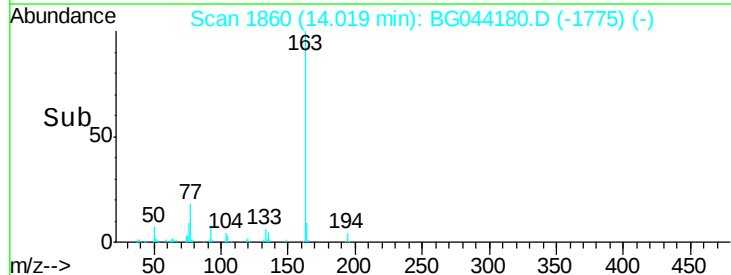
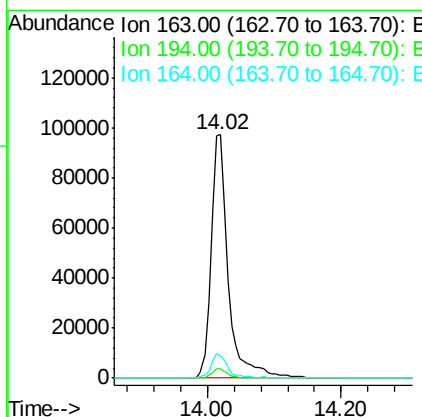
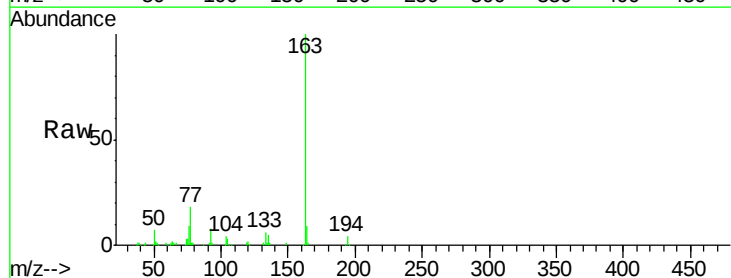
Instrument :
BNA_G
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EP-11

Tot Ion:172 Resp: 940365
Ion Ratio Lower Upper
172 100
171 38.3 35.8 53.8
170 25.7 24.2 36.4



#50
Dimethylphthalate
Concen: 10.638 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044180.D
Acq: 24 Jan 2020 13:52

Tgt Ion:163 Resp: 174760
Ion Ratio Lower Upper
163 100
194 4.1 3.7 5.5
164 9.3 9.3 13.9

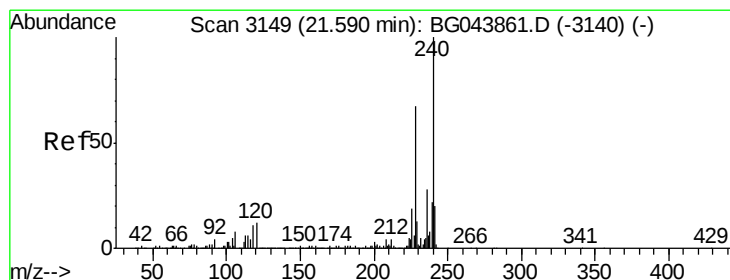
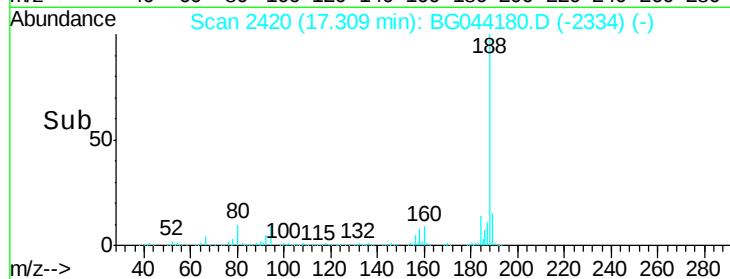
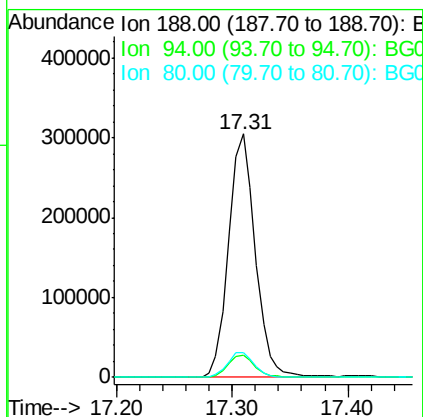
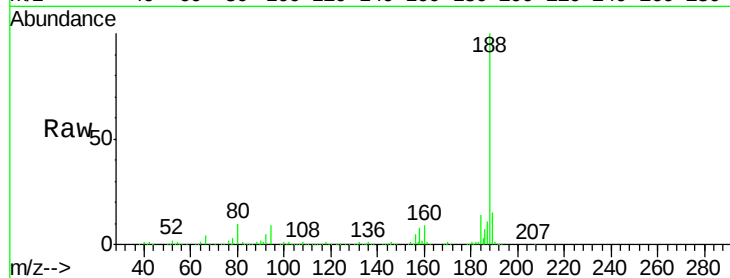




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044180.D
Acq: 24 Jan 2020 13:52

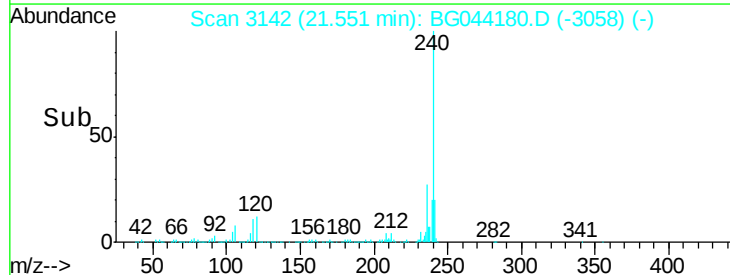
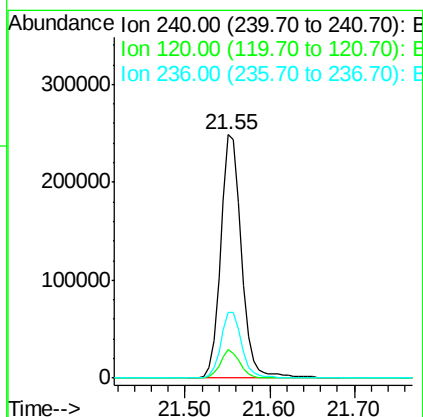
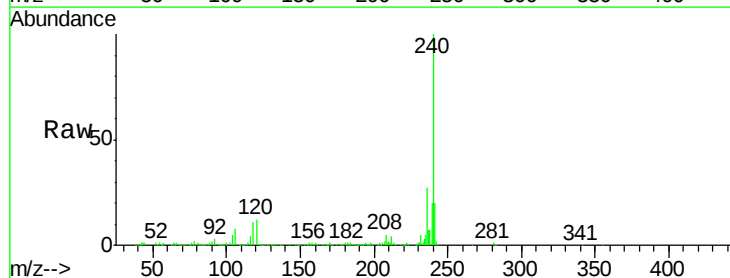
Instrument :
BNA_G
ClientSampleId :
EP-11

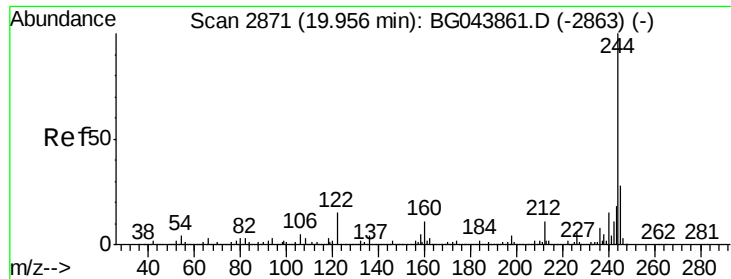
Tot Ion:188 Resp: 489559
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.04 min
Lab File: BG044180.D
Acq: 24 Jan 2020 13:52

Tgt Ion:240 Resp: 426208
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 27.2 22.2 33.2





#79

Terphenyl-d14

Concen: 75.321 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044180.D

Acq: 24 Jan 2020 13:52

Instrument :

BNA_G

ClientSampled :

EP-11

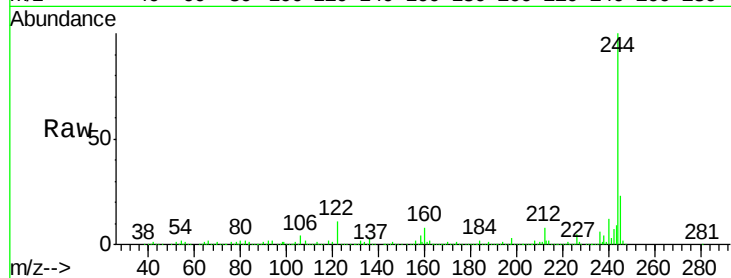
Tot Ion:244 Resp: 1373519

Ion Ratio Lower Upper

244 100

212 8.3 8.6 13.0#

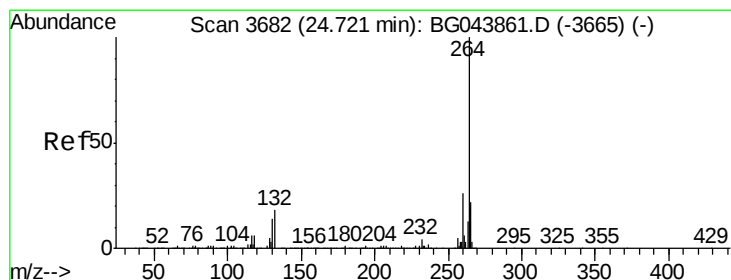
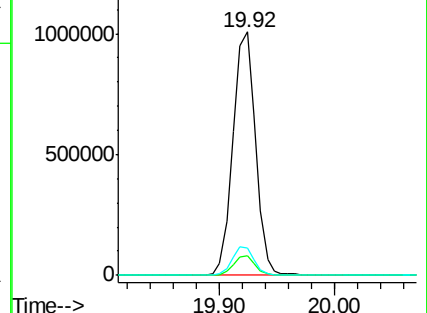
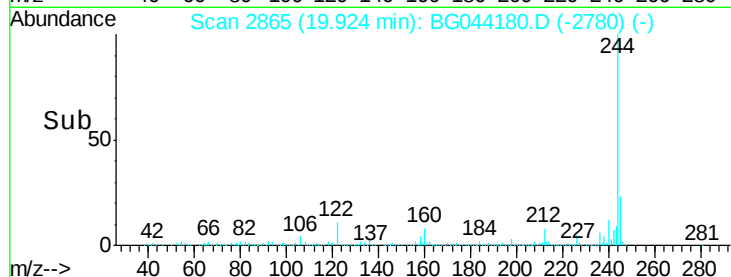
122 11.5 11.9 17.9#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.06 min

Lab File: BG044180.D

Acq: 24 Jan 2020 13:52

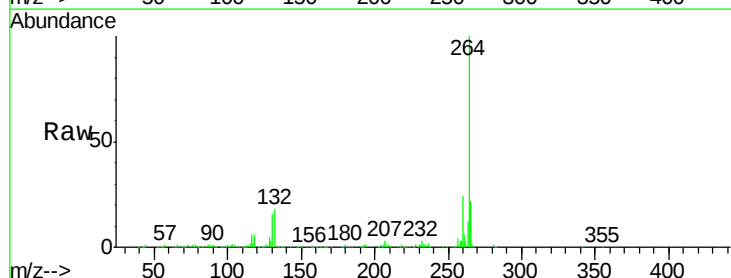
Tgt Ion:264 Resp: 472737

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

265 22.0 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

