

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
 Data File : BG045170.D
 Acq On : 24 Apr 2020 21:03
 Operator : CG/JU
 Sample : L2120-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-042220

Quant Time: Apr 25 00:51:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	64072	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	248565	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	170855	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	398518	20.00	ng	0.00
76) Chrysene-d12	21.64	240	408374	20.00	ng	-0.02
87) Perylene-d12	24.82	264	434739	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	526650	135.70	ng	0.00
7) Phenol-d6	7.17	99	650113	112.75	ng	0.00
23) Nitrobenzene-d5	9.16	82	542146	99.52	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	394253	149.37	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1222094	104.88	ng	0.00
79) Terphenyl-d14	20.00	244	2052659	109.55	ng	0.00

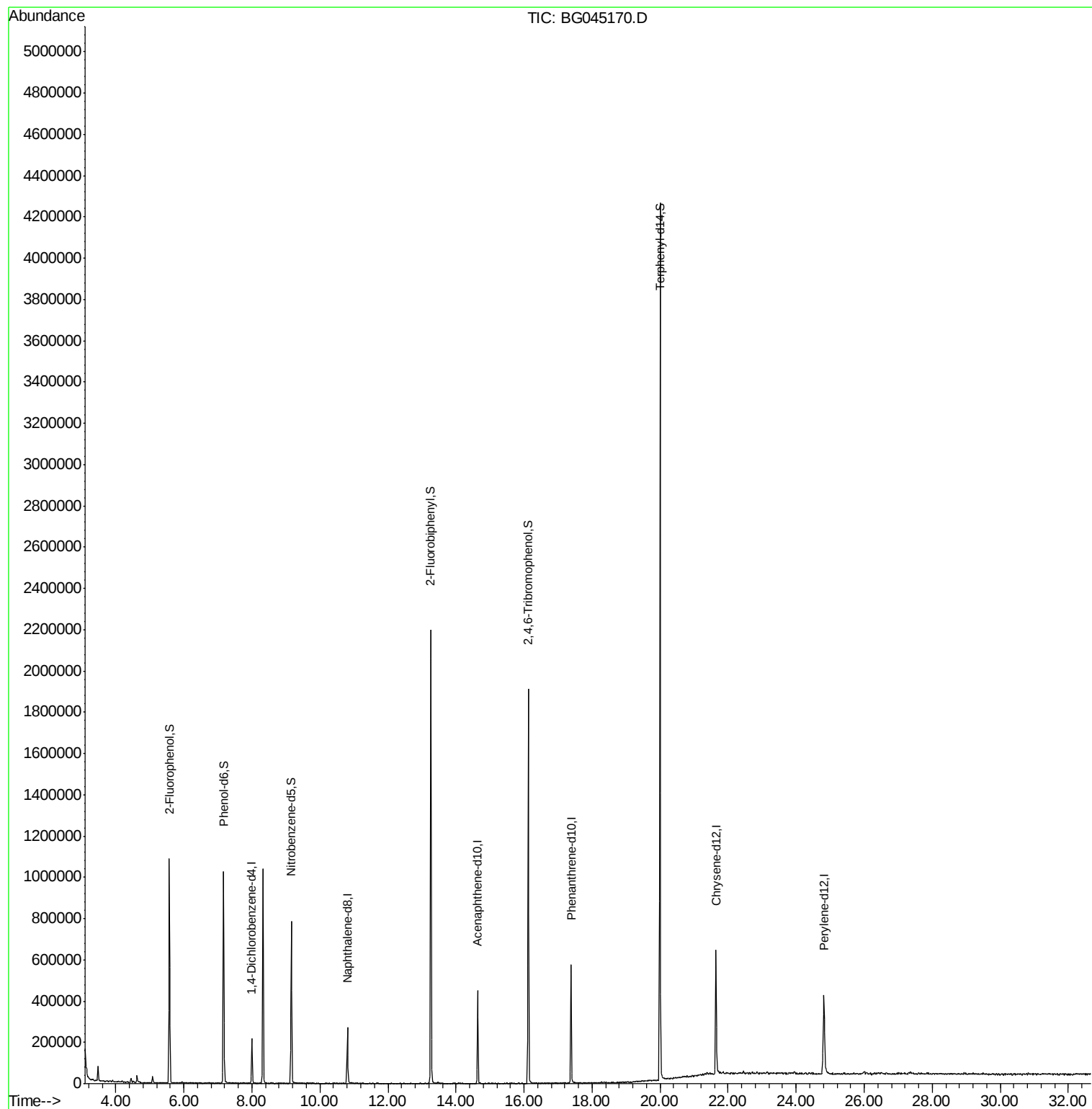
Target Compounds Qvalue

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG045170.D

Acq: 24 Apr 2020 21:03

Instrument :

BNA_G

ClientSampleId :

OR-02-042220

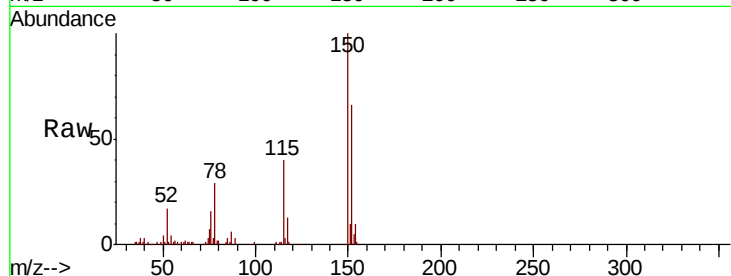
Tot Ion:152 Resp: 64072

Ion Ratio Lower Upper

152 100

150 152.3 123.6 185.4

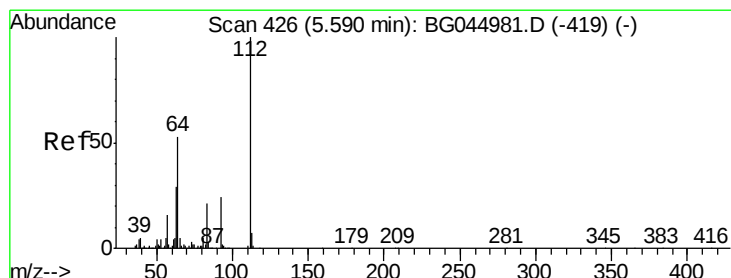
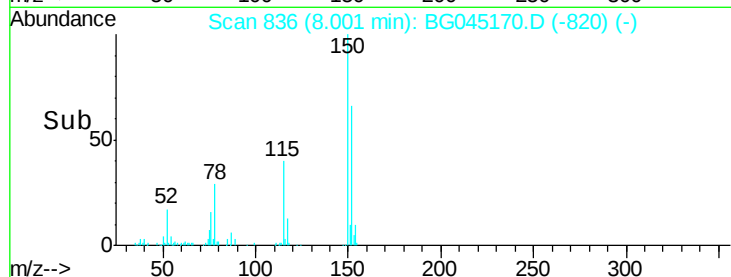
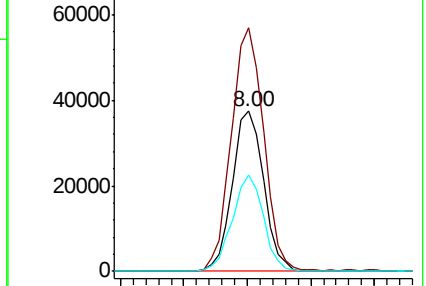
115 60.4 49.1 73.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 135.702 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG045170.D

Acq: 24 Apr 2020 21:03

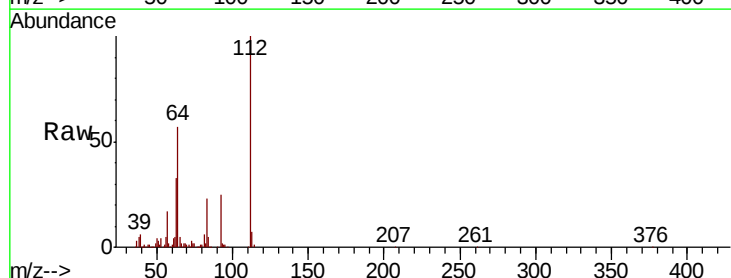
Tgt Ion:112 Resp: 526650

Ion Ratio Lower Upper

112 100

64 57.1 42.4 63.6

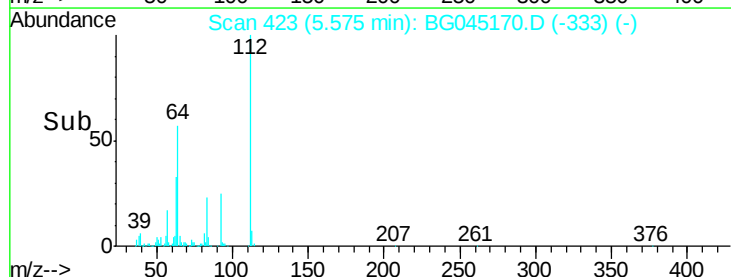
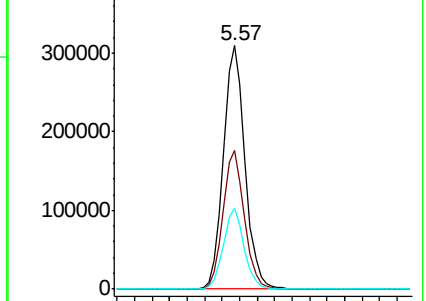
63 33.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 112.748 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045170.D

Acq: 24 Apr 2020 21:03

Instrument :

BNA_G

ClientSampleId :

OR-02-042220

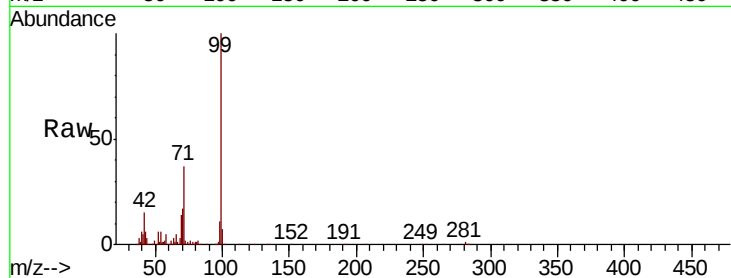
Tot Ion: 99 Resp: 650113

Ion Ratio Lower Upper

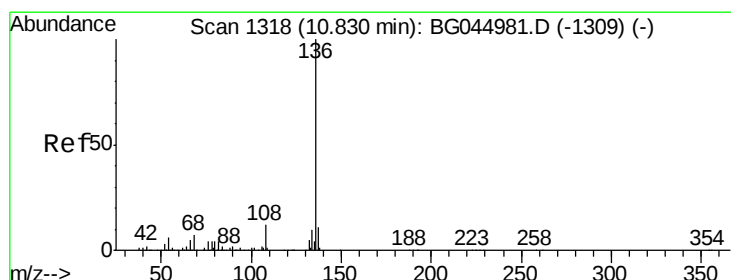
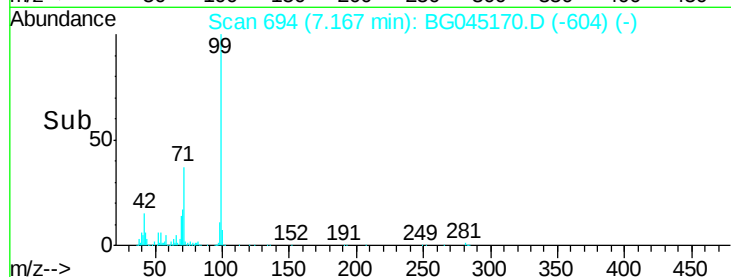
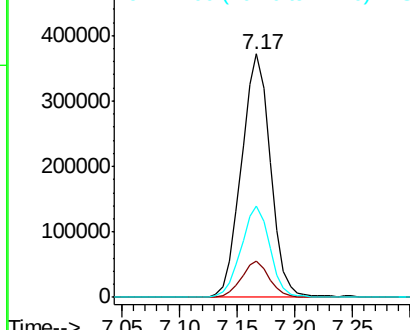
99 100

42 14.9 11.3 16.9

71 37.5 28.3 42.5



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BG045170.D

Acq: 24 Apr 2020 21:03

Tgt Ion: 136 Resp: 248565

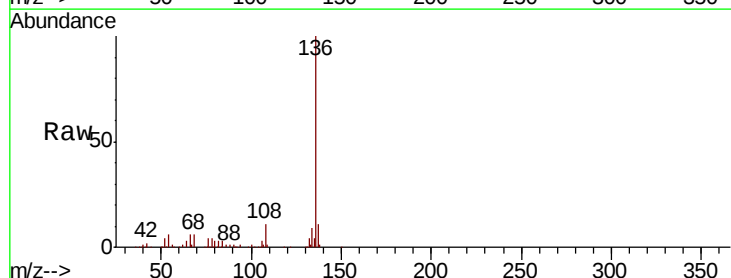
Ion Ratio Lower Upper

136 100

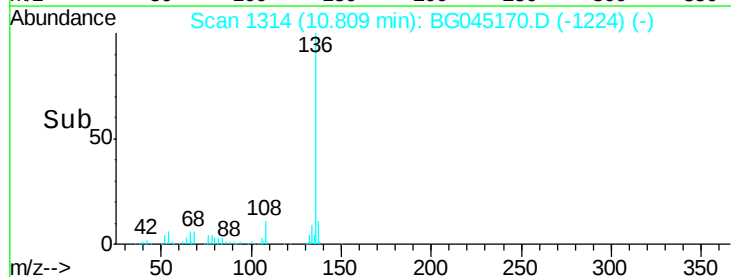
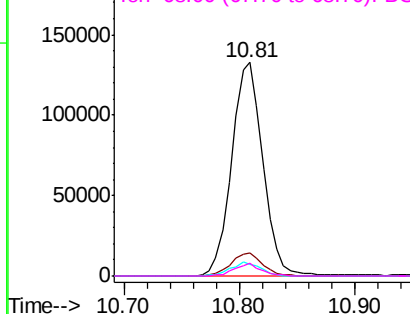
137 10.6 8.6 13.0

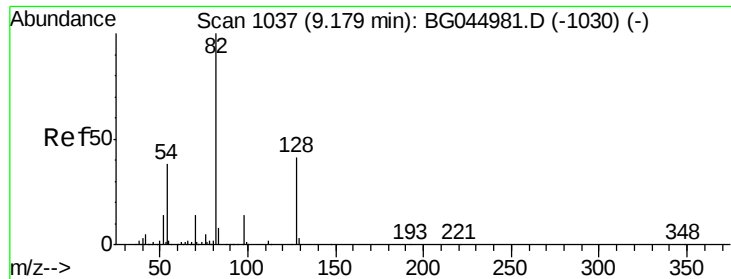
54 5.6 4.8 7.2

68 5.9 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

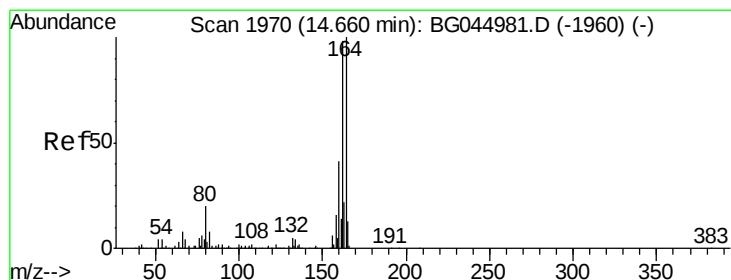
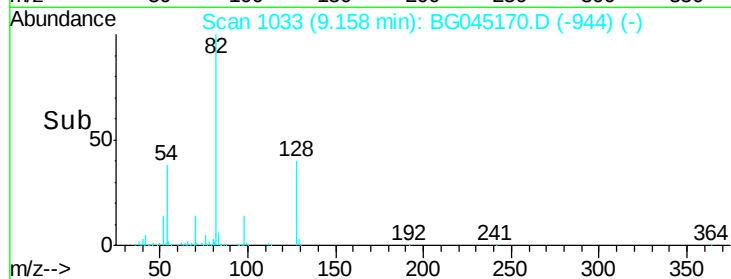
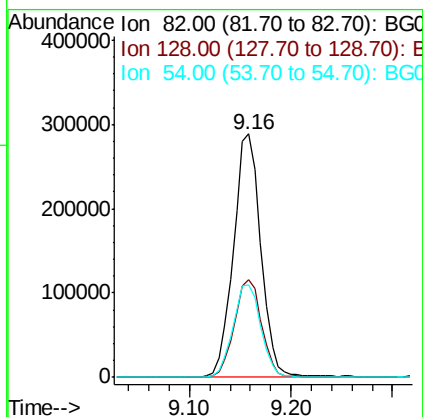
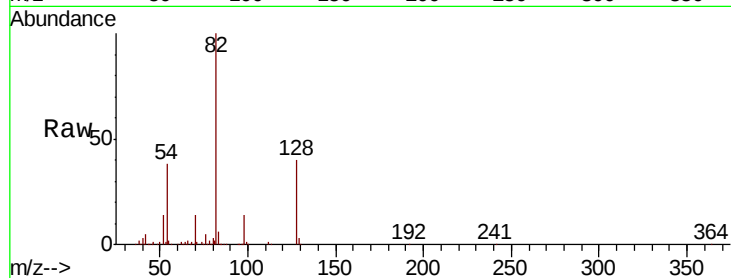




#23
Nitrobenzene-d5
Concen: 99.521 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

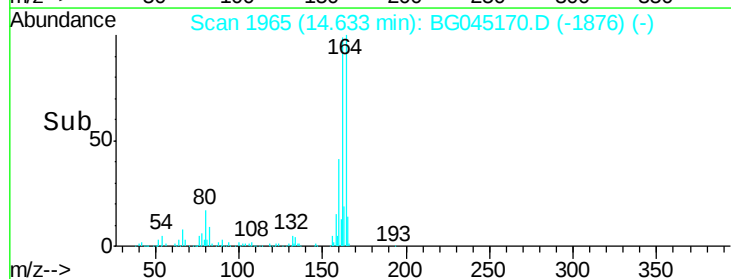
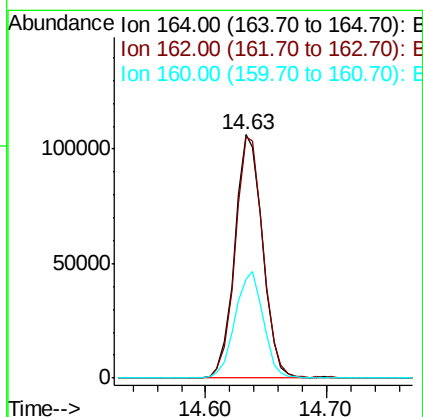
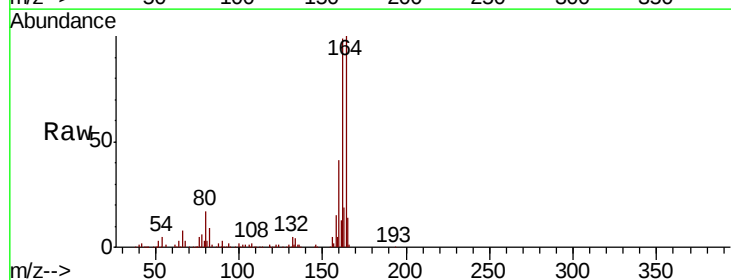
Instrument :
BNA_G
ClientSampleId :
OR-02-042220

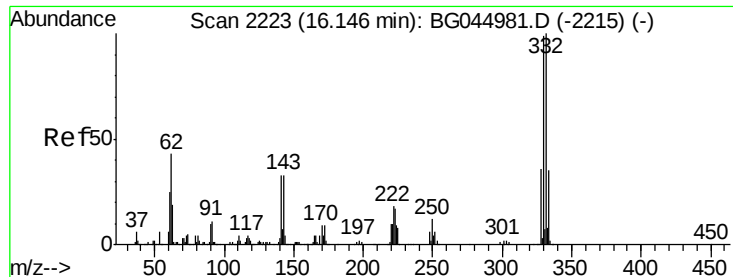
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.0	49.4
54	38.0	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG045170.D
Acq: 24 Apr 2020 21:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.7	118.1
160	40.9	32.8	49.2

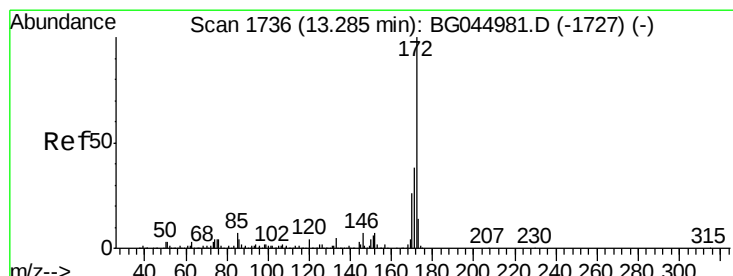
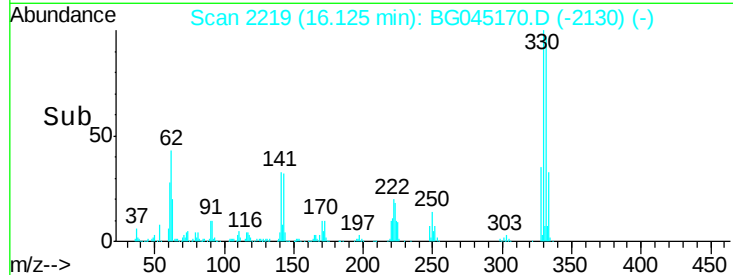
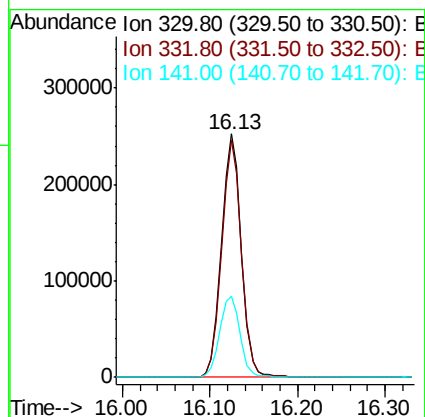
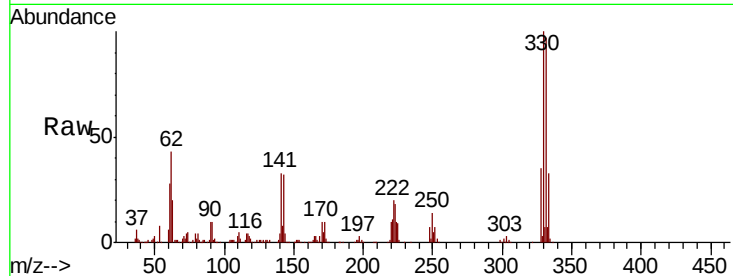




#42
 2,4,6-Tribromophenol
 Concen: 149.367 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG045170.D
 Acq: 24 Apr 2020 21:03

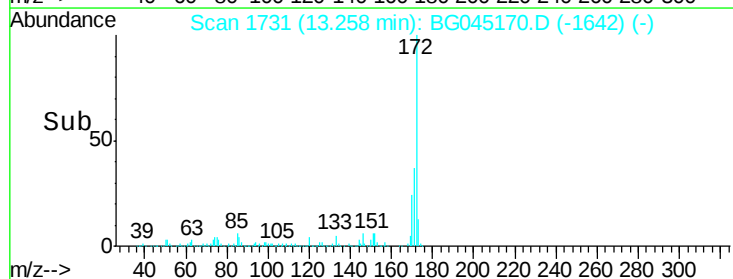
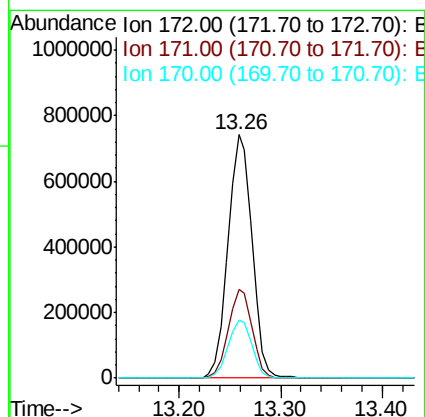
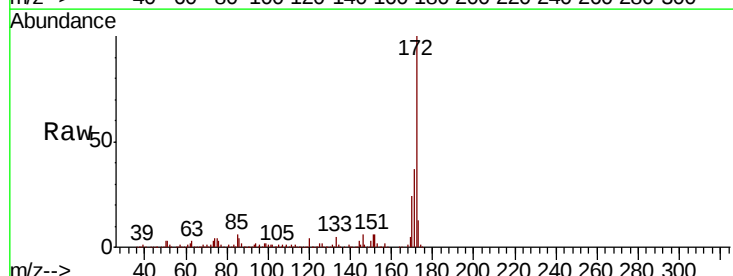
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-042220

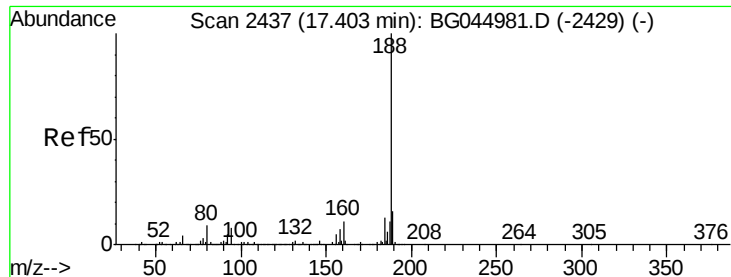
Tot Ion:	330	Resp:	394253
Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.1	118.7
141	34.6	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 104.883 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG045170.D
 Acq: 24 Apr 2020 21:03

Tgt Ion:	172	Resp:	1222094
Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	46.0
170	23.6	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG045170.D

Acq: 24 Apr 2020 21:03

Instrument :

BNA_G

ClientSampleId :

OR-02-042220

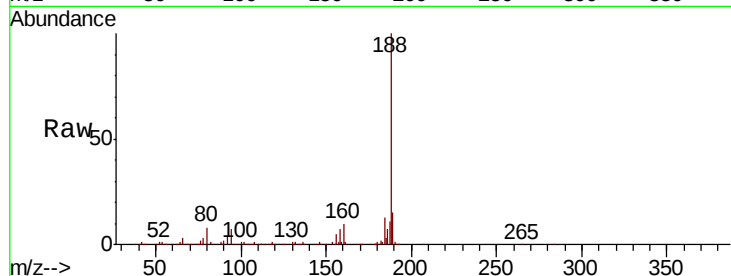
Tot Ion:188 Resp: 398518

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

80 7.6 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

300000

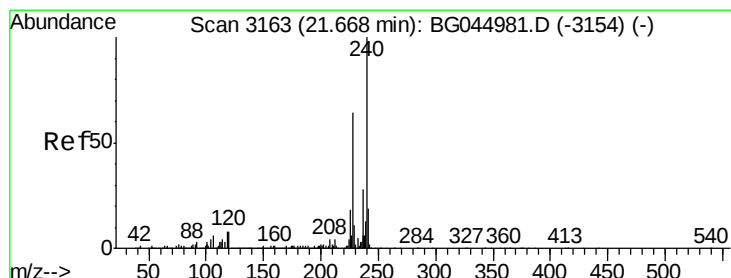
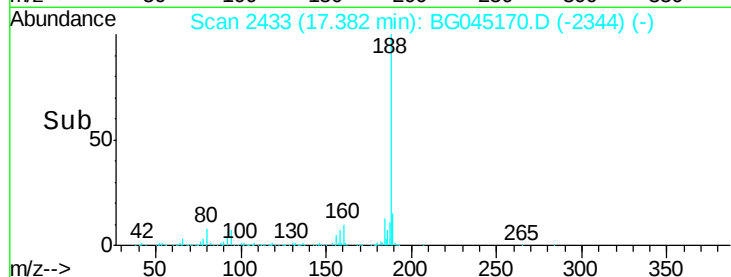
200000

100000

0

17.30 17.40

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.02 min

Lab File: BG045170.D

Acq: 24 Apr 2020 21:03

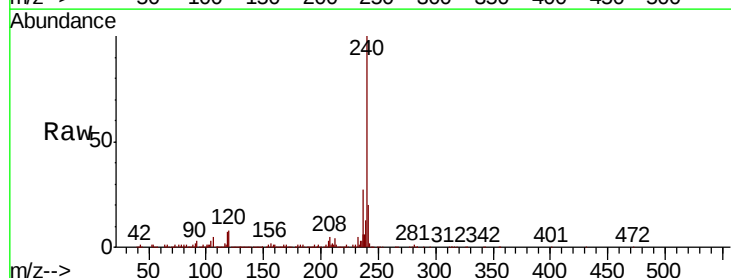
Tgt Ion:240 Resp: 408374

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

236 26.6 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

300000

250000

200000

150000

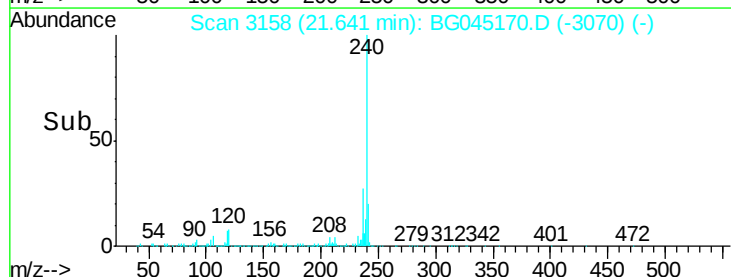
100000

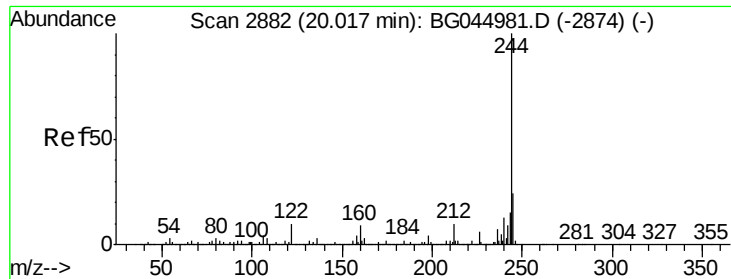
50000

0

21.50 21.60 21.70 21.80

Time-->





#79

Terphenyl-d14

Concen: 109.554 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045170.D

Acq: 24 Apr 2020 21:03

Instrument :

BNA_G

ClientSampleId :

OR-02-042220

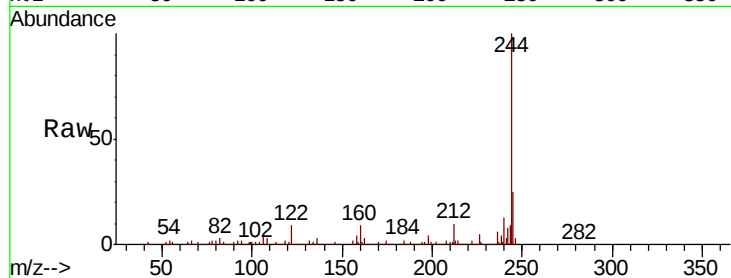
Tot Ion:244 Resp: 2052659

Ion Ratio Lower Upper

244 100

212 9.7 7.9 11.9

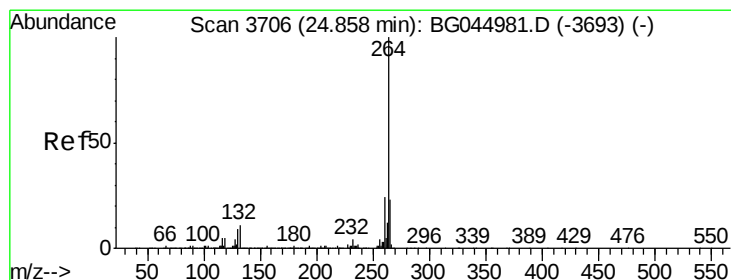
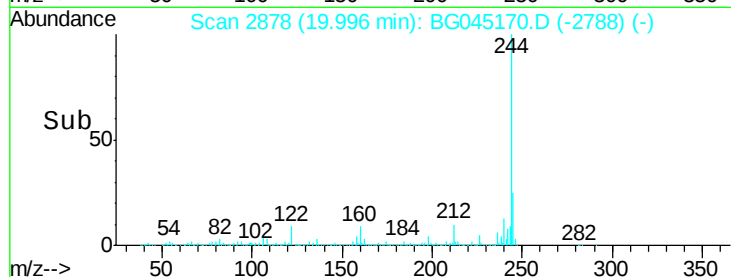
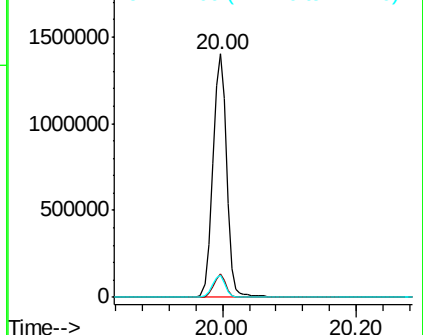
122 9.0 7.7 11.5



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: 24.82 min Scan# 3699

Delta R.T. -0.02 min

Lab File: BG045170.D

Acq: 24 Apr 2020 21:03

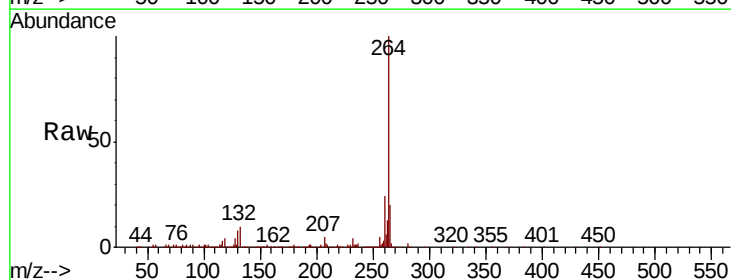
Tgt Ion:264 Resp: 434739

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 19.8 19.0 28.4



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

