

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
 Data File : BG038171.D
 Acq On : 27 Nov 2018 17:39
 Operator : JU/SJ
 Sample : J6047-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP2-FD-02

Quant Time: Nov 28 04:24:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	40517	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	183828	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	115085	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	250807	20.00	ng	0.00
76) Chrysene-d12	21.75	240	229241	20.00	ng	0.00
87) Perylene-d12	25.08	264	237124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	124413	53.02	ng	0.00
7) Phenol-d6	7.23	99	110811	33.08	ng	0.00
23) Nitrobenzene-d5	9.26	82	277353	80.76	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	142511	108.58	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	570274	72.19	ng	0.00
79) Terphenyl-d14	20.07	244	829968	85.19	ng	0.00

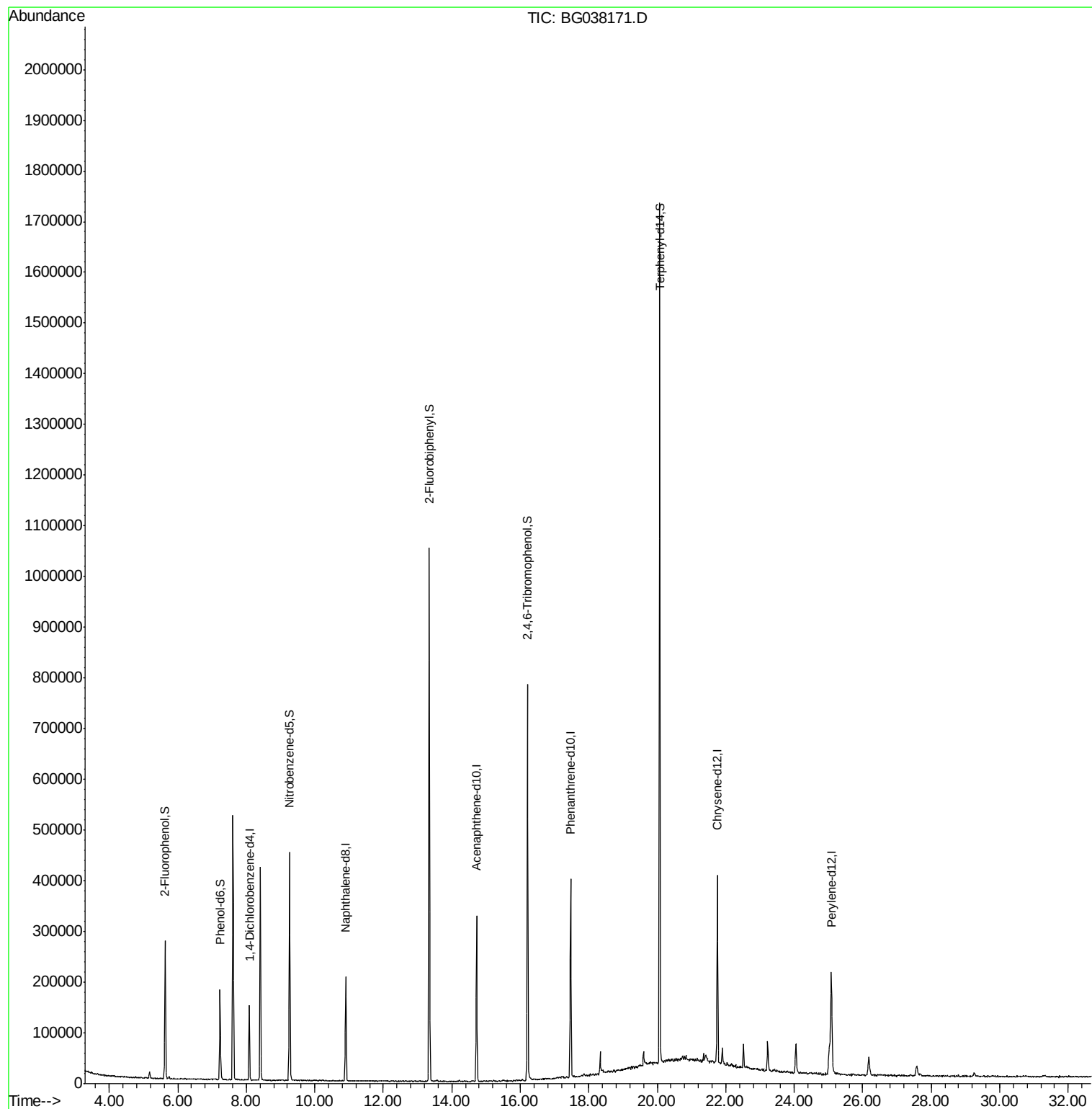
Target Compounds Qvalue

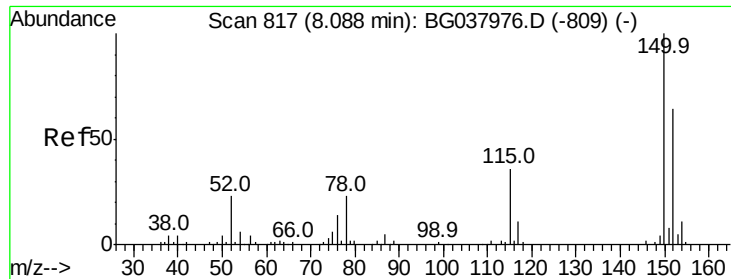
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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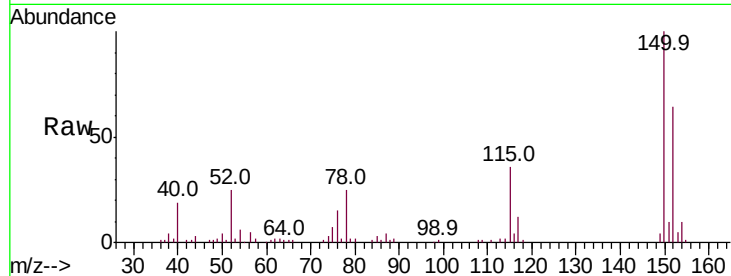


#1

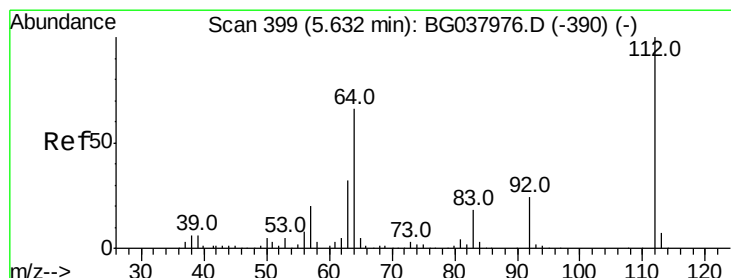
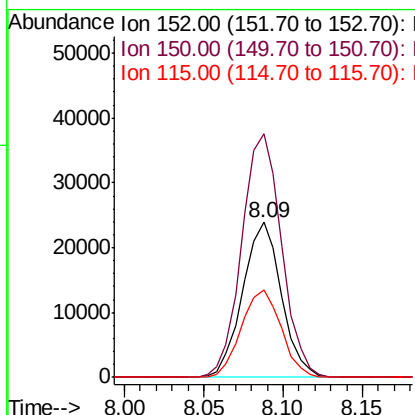
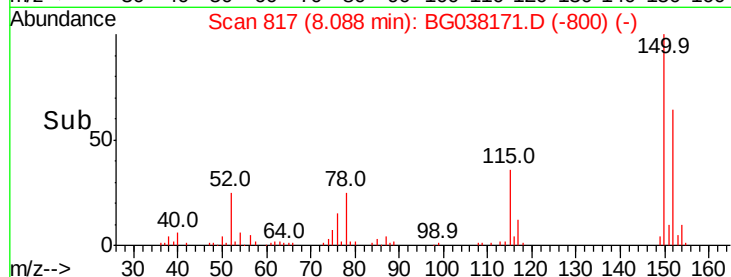
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038171.D
Acq: 27 Nov 2018 17:39

Instrument :
BNA_G
ClientSampleId :
EP2-FD-02

Tot Ion:152 Resp: 40517
Ion Ratio Lower Upper
152 100
150 157.3 126.0 189.0
115 56.8 45.5 68.3



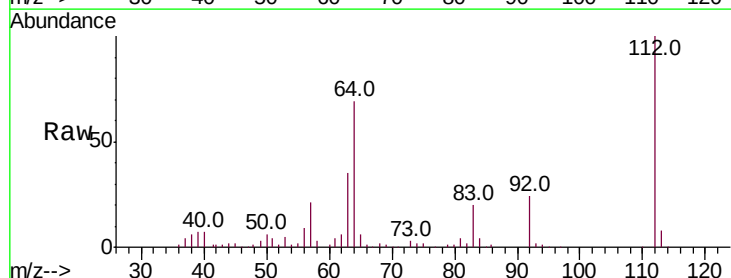
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



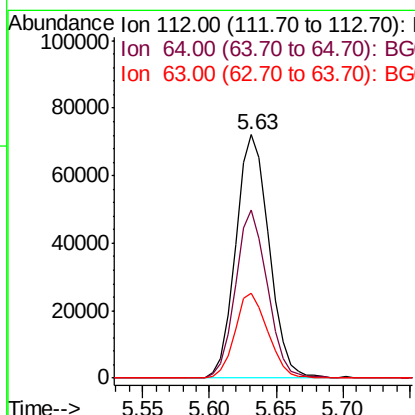
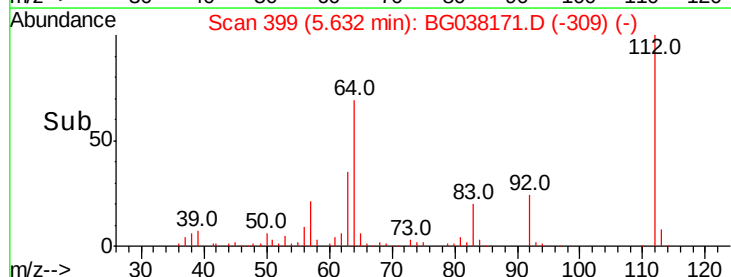
#5

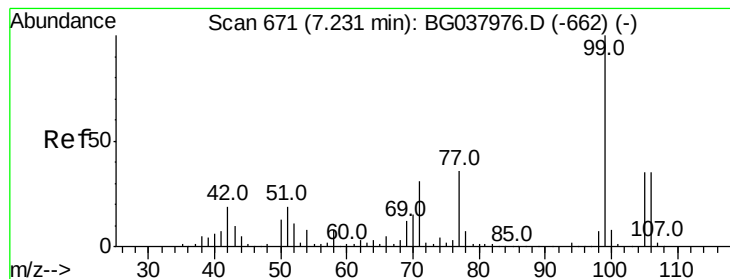
2-Fluorophenol
Concen: 53.017 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038171.D
Acq: 27 Nov 2018 17:39

Tgt Ion:112 Resp: 124413
Ion Ratio Lower Upper
112 100
64 69.0 53.1 79.7
63 34.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.080 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038171.D

Acq: 27 Nov 2018 17:39

Instrument :

BNA_G

ClientSampleId :

EP2-FD-02

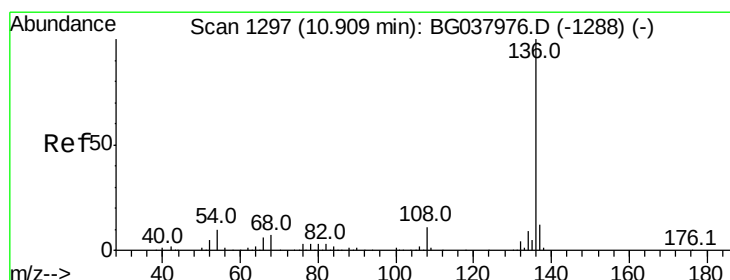
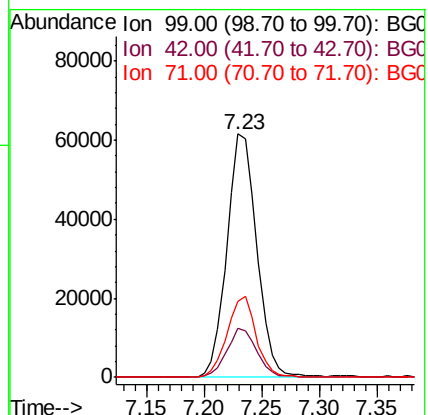
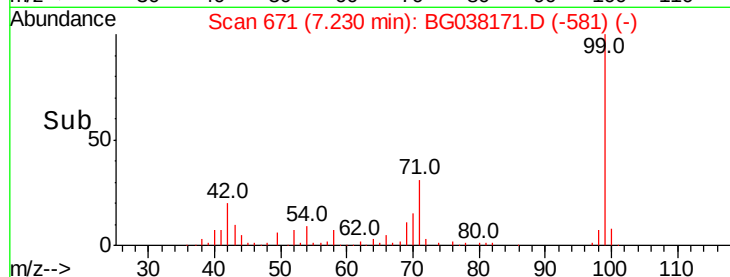
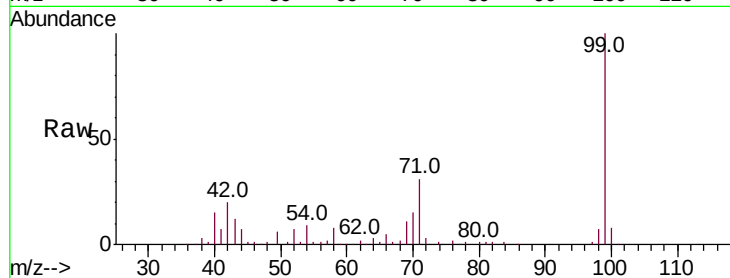
Tot Ion: 99 Resp: 110811

Ion Ratio Lower Upper

99 100

42 20.4 15.0 22.4

71 31.0 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038171.D

Acq: 27 Nov 2018 17:39

Tgt Ion: 136 Resp: 183828

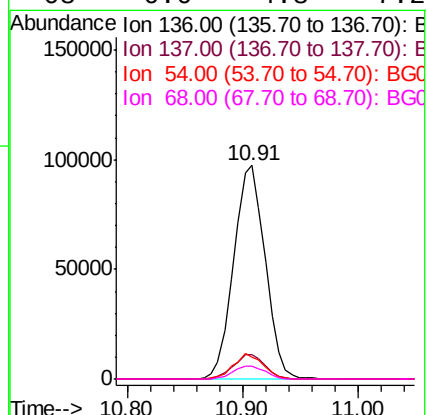
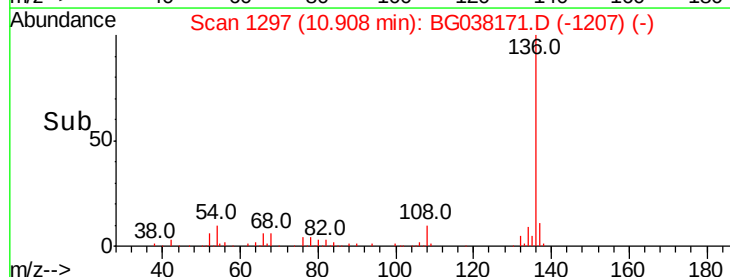
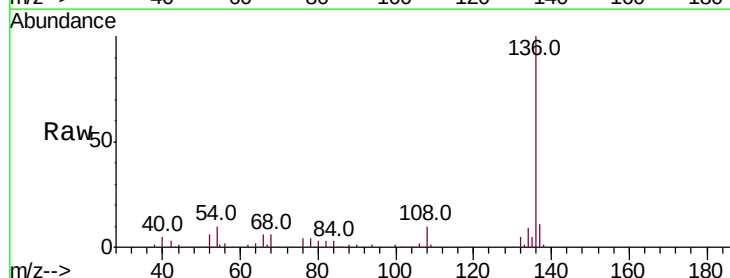
Ion Ratio Lower Upper

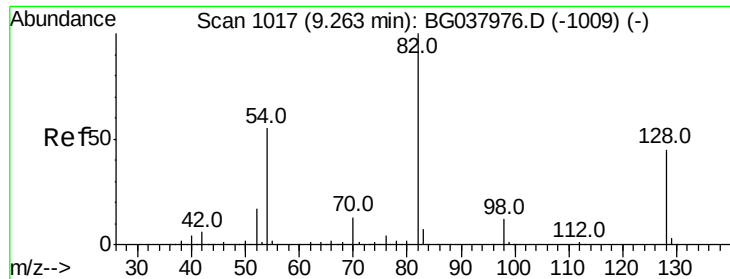
136 100

137 11.4 9.6 14.4

54 10.0 7.9 11.9

68 6.0 4.8 7.2

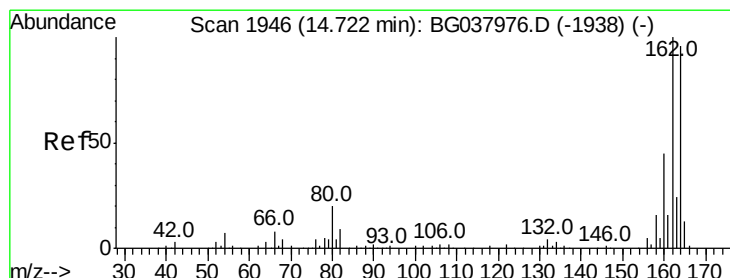
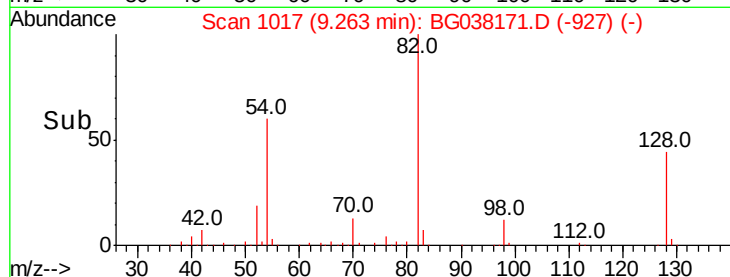
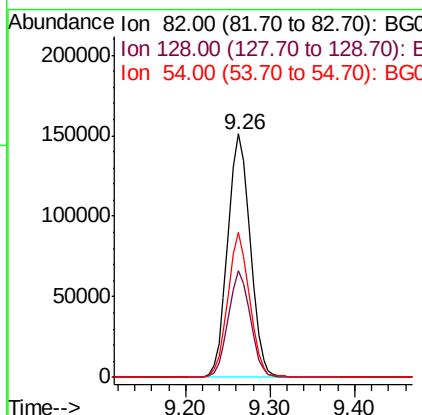
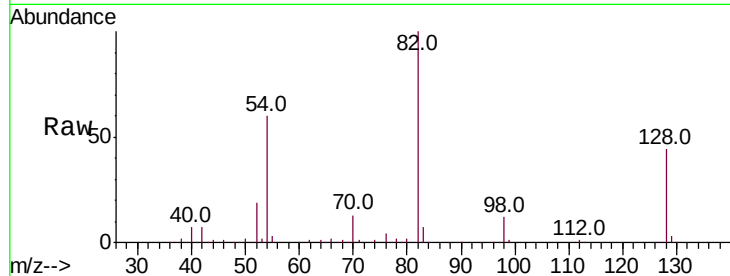




#23
Nitrobenzene-d5
Concen: 80.765 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038171.D
Acq: 27 Nov 2018 17:39

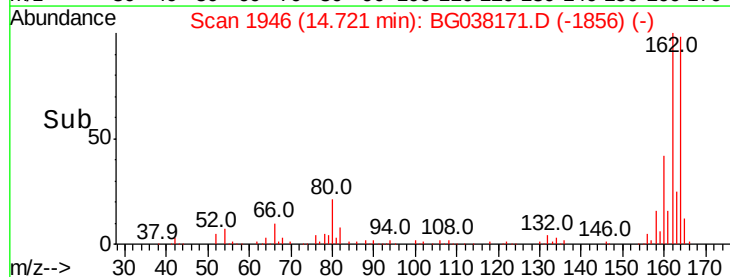
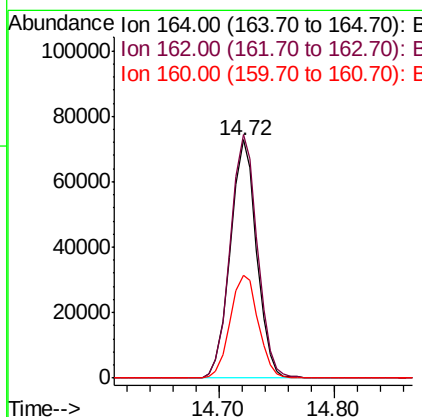
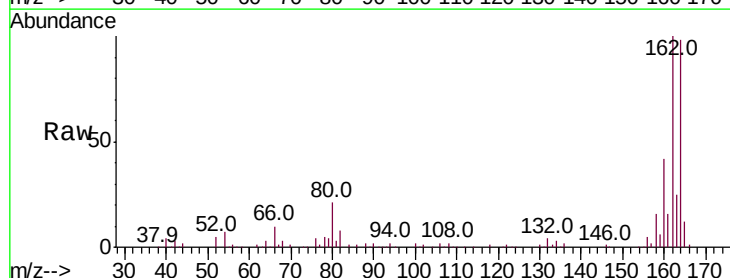
Instrument :
BNA_G
ClientSampleId :
EP2-FD-02

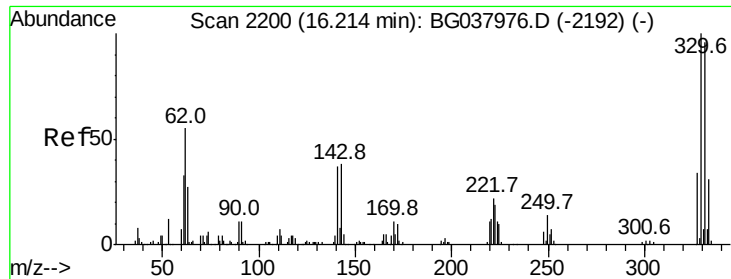
Tot Ion	82	Resp	277353
Ion Ratio	100	Lower	Upper
128	43.8	34.6	51.8
54	59.7	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038171.D
Acq: 27 Nov 2018 17:39

Tgt Ion	164	Resp	115085
Ion Ratio	100	Lower	Upper
162	102.3	81.3	121.9
160	43.3	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 108.578 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038171.D

Acq: 27 Nov 2018 17:39

Instrument :

BNA_G

ClientSampleId :

EP2-FD-02

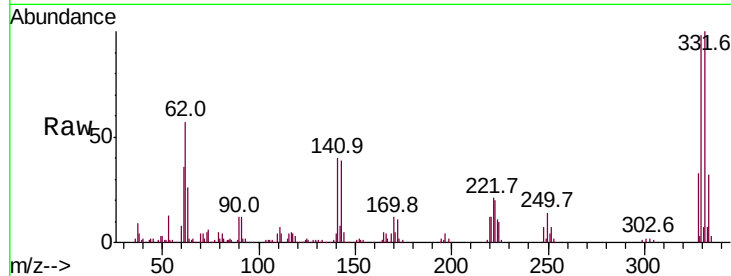
Tot Ion:330 Resp: 142511

Ion Ratio Lower Upper

330 100

332 97.4 78.4 117.6

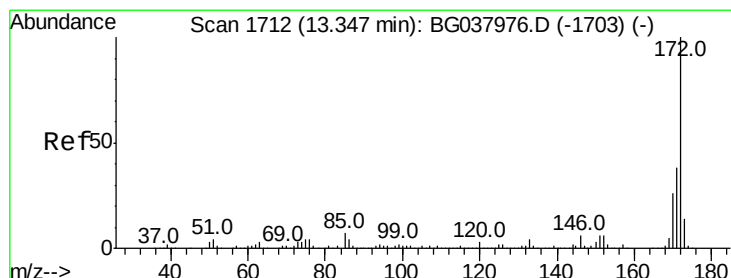
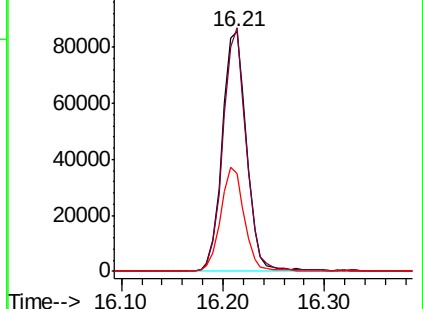
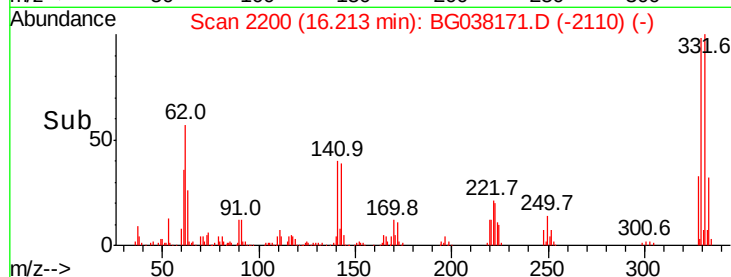
141 42.4 32.2 48.2



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: 72.190 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG038171.D

Acq: 27 Nov 2018 17:39

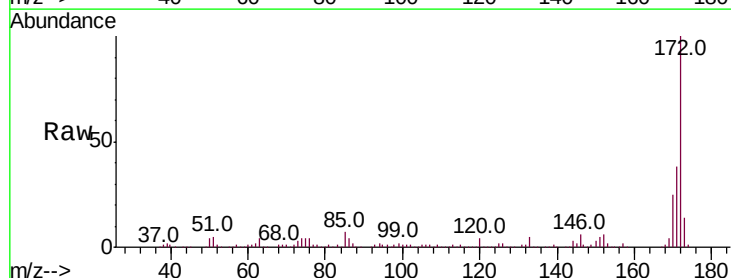
Tgt Ion:172 Resp: 570274

Ion Ratio Lower Upper

172 100

171 37.6 31.0 46.4

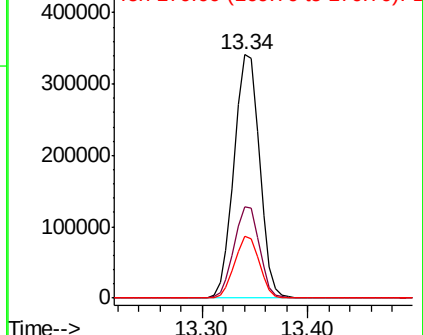
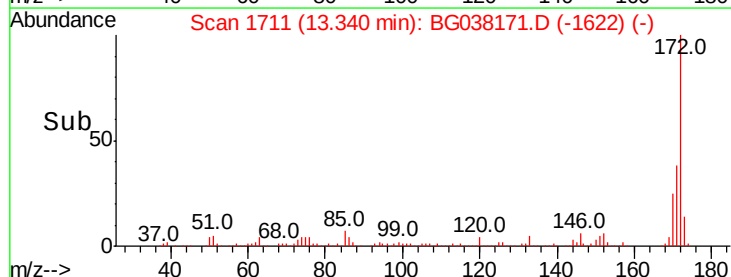
170 25.3 20.2 30.2

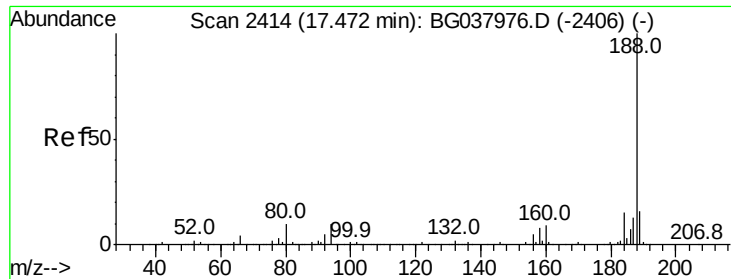


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG038171.D

Acq: 27 Nov 2018 17:39

Instrument :

BNA_G

ClientSampleId :

EP2-FD-02

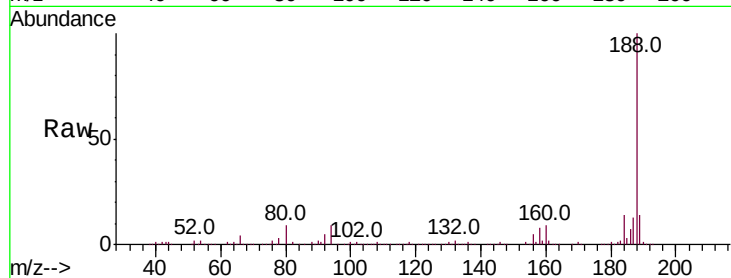
Tot Ion:188 Resp: 250807

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

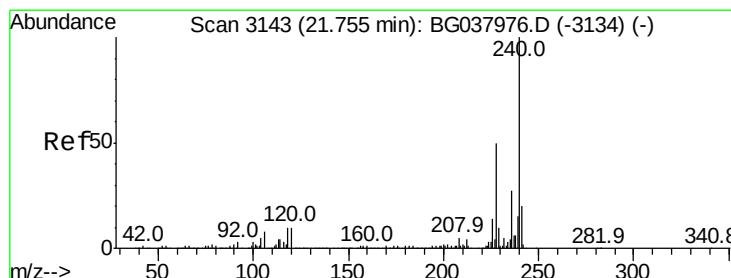
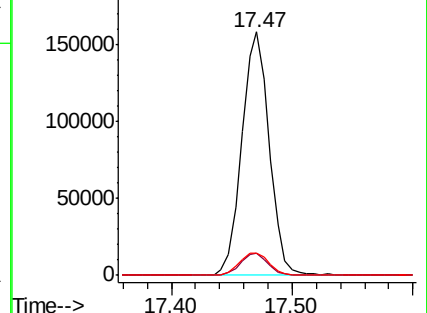
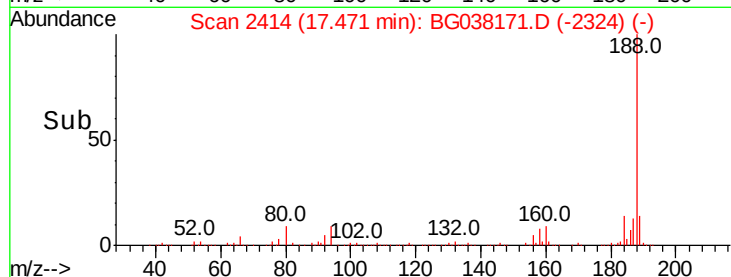
80 9.2 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038171.D

Acq: 27 Nov 2018 17:39

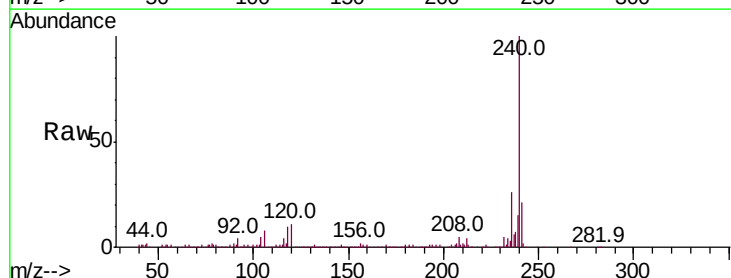
Tgt Ion:240 Resp: 229241

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

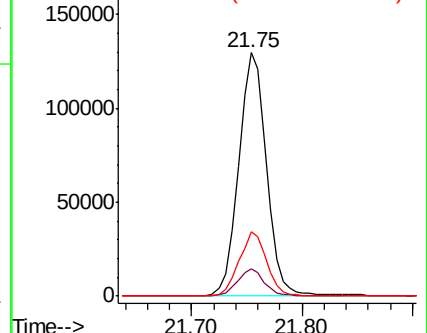
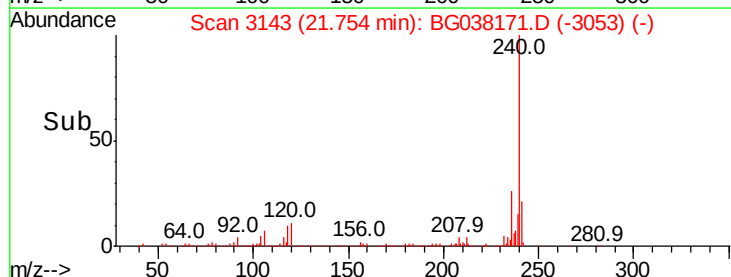
236 26.3 21.4 32.0

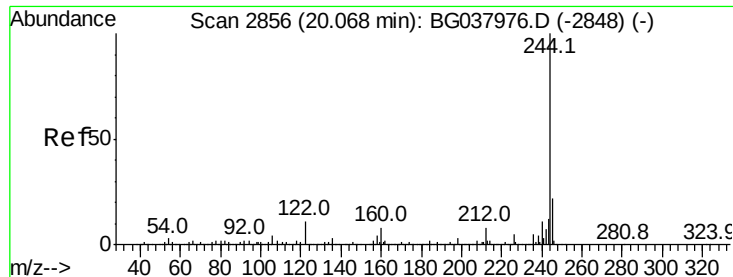


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.191 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038171.D

Acq: 27 Nov 2018 17:39

Instrument :

BNA_G

ClientSampleId :

EP2-FD-02

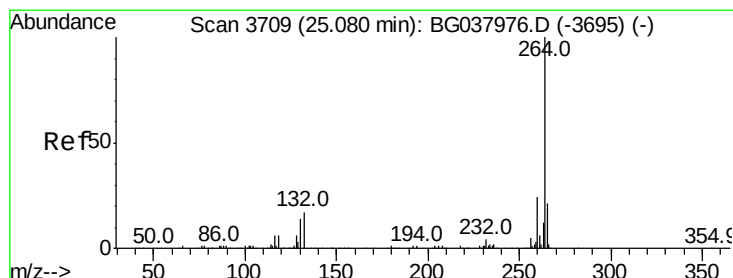
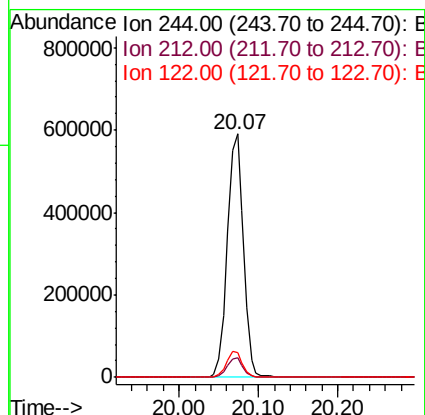
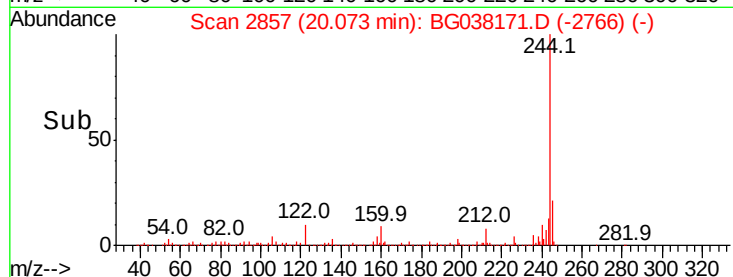
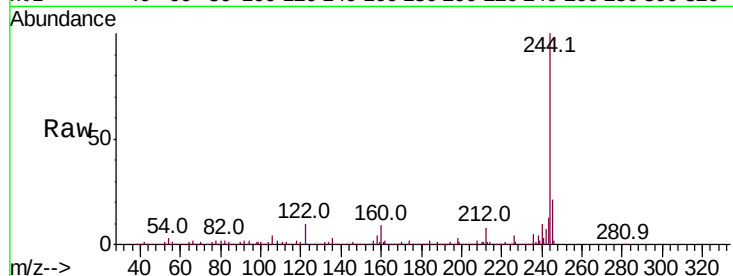
Tot Ion:244 Resp: 829968

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 9.9 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.00 min

Lab File: BG038171.D

Acq: 27 Nov 2018 17:39

Tgt Ion:264 Resp: 237124

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 20.6 17.9 26.9

