

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037745.D
 Acq On : 2 Nov 2018 8:13
 Operator : JU/SJ
 Sample : J5741-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Nov 02 14:28:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	65950	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	300600	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	199080	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	435205	20.00	ng	0.00
76) Chrysene-d12	21.77	240	386662	20.00	ng	0.00
87) Perylene-d12	25.10	264	308780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	452211	114.64	ng	0.00
7) Phenol-d6	7.24	99	569577	95.49	ng	0.00
23) Nitrobenzene-d5	9.28	82	455305	84.85	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	252290	116.19	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1082359	81.98	ng	-0.01
79) Terphenyl-d14	20.08	244	1620671	89.56	ng	0.00

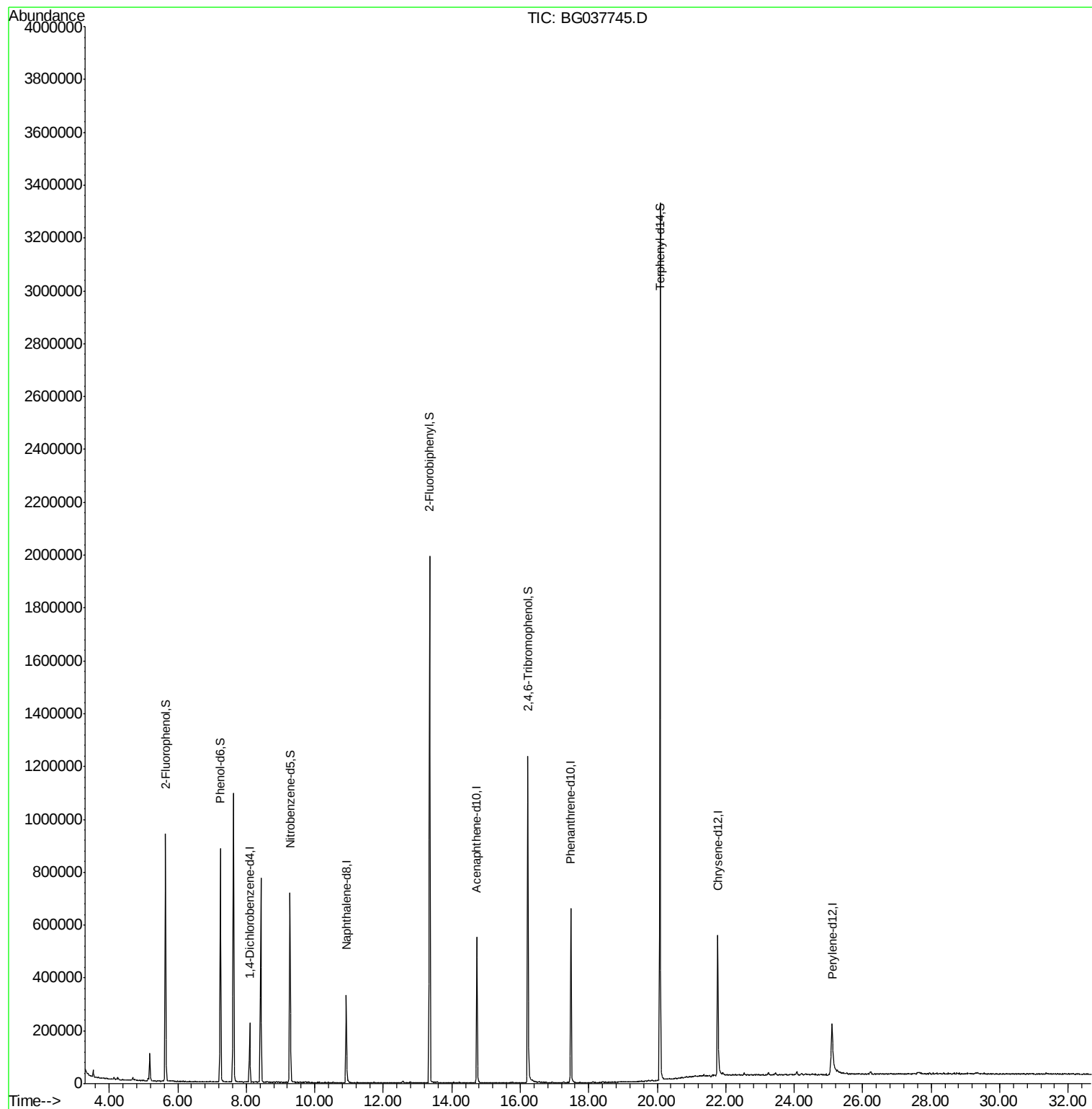
Target Compounds Qvalue

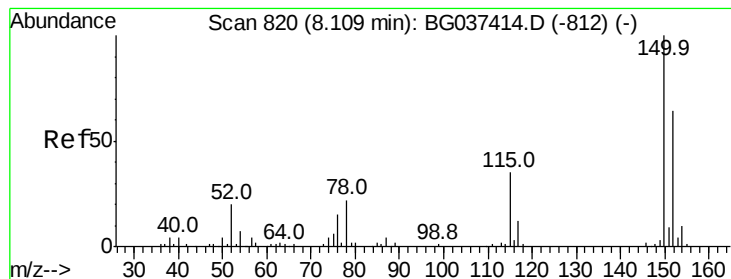
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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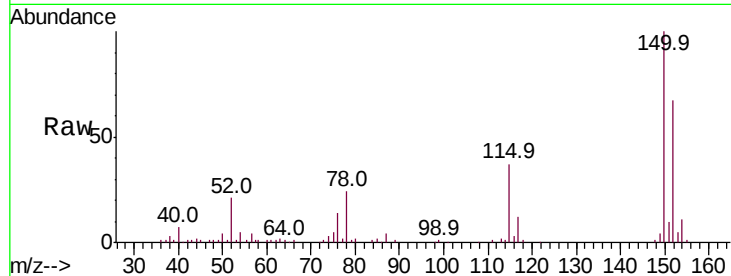


#1

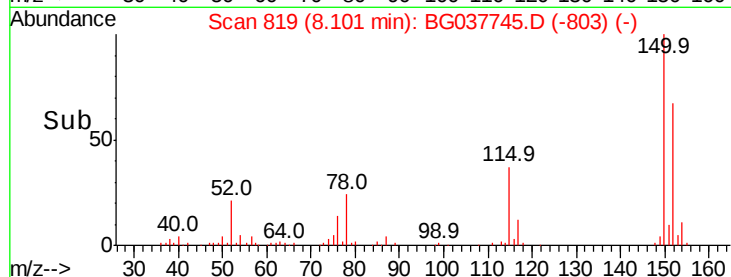
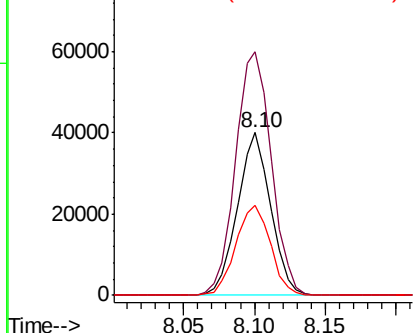
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037745.D
Acq: 2 Nov 2018 8:13

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:152 Resp: 65950
Ion Ratio Lower Upper
152 100
150 149.6 126.0 189.0
115 55.5 45.5 68.3



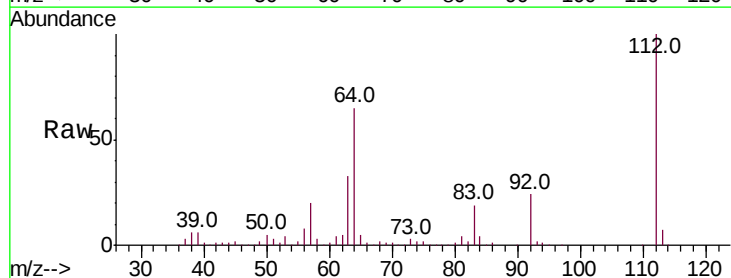
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



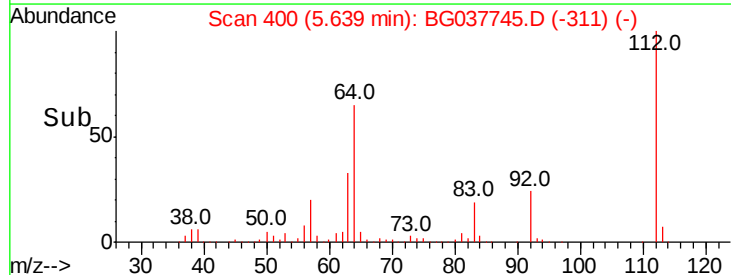
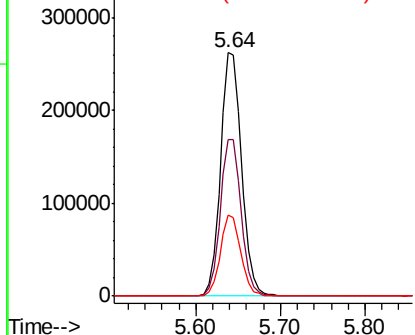
#5

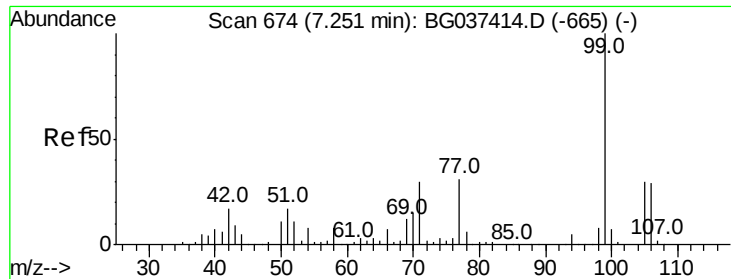
2-Fluorophenol
Concen: 114.637 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037745.D
Acq: 2 Nov 2018 8:13

Tgt Ion:112 Resp: 452211
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 33.2 27.3 40.9



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: 95.488 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037745.D

Acq: 2 Nov 2018 8:13

Instrument :

BNA_G

ClientSampleId :

TP-2

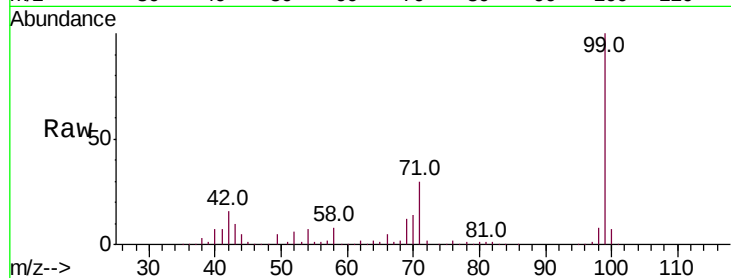
Tot Ion: 99 Resp: 569577

Ion Ratio Lower Upper

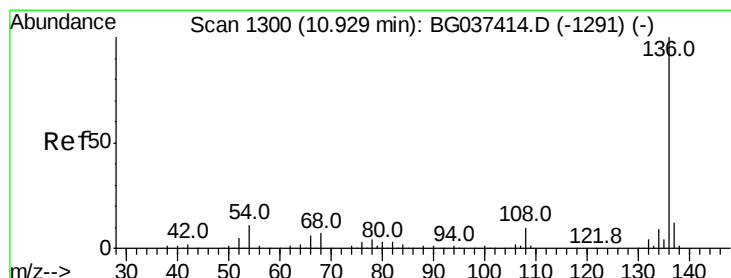
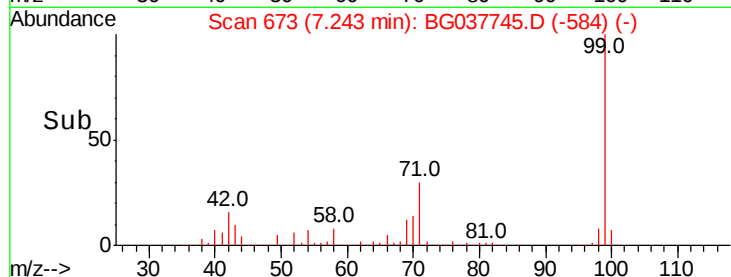
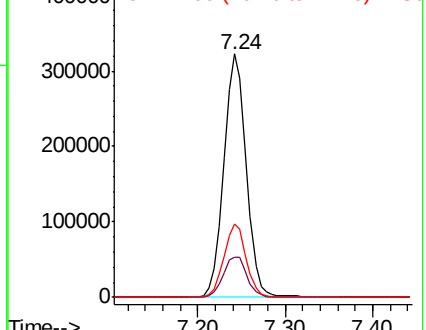
99 100

42 16.4 15.0 22.4

71 29.9 25.5 38.3



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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037745.D

Acq: 2 Nov 2018 8:13

Tgt Ion: 136 Resp: 300600

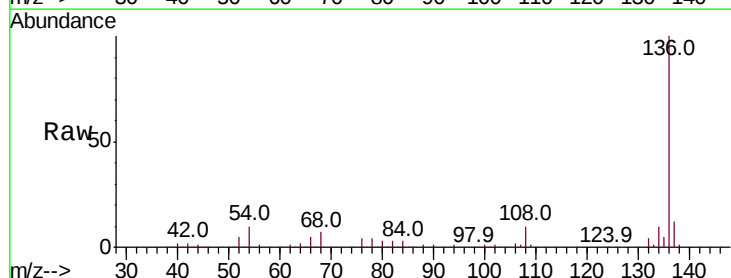
Ion Ratio Lower Upper

136 100

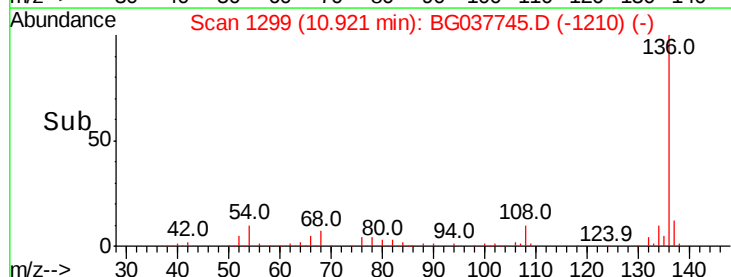
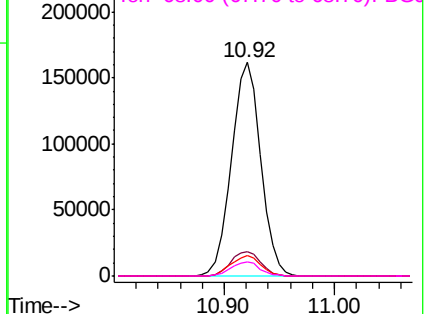
137 11.5 9.6 14.4

54 9.5 7.9 11.9

68 6.8 4.8 7.2



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

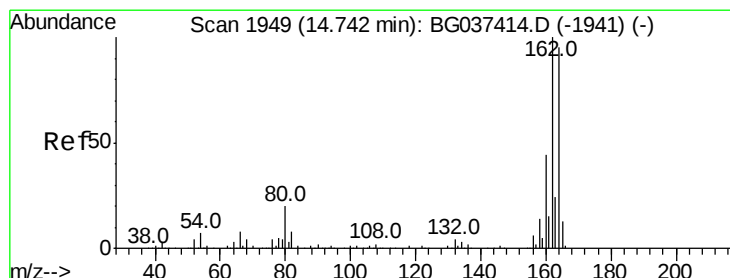
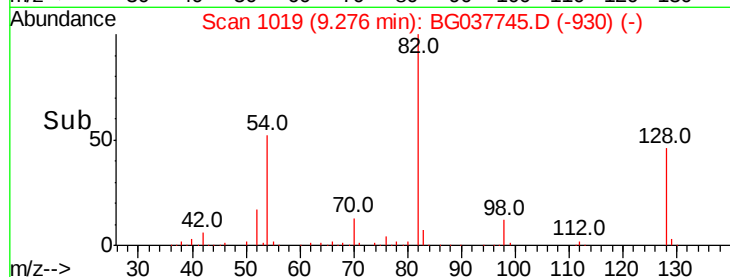
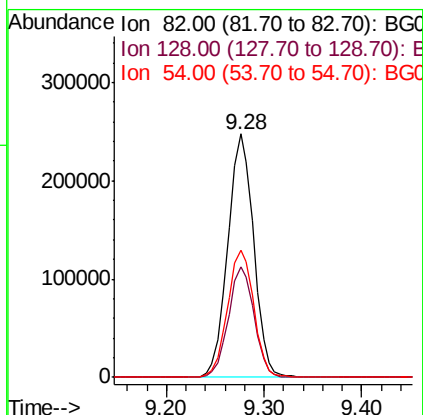
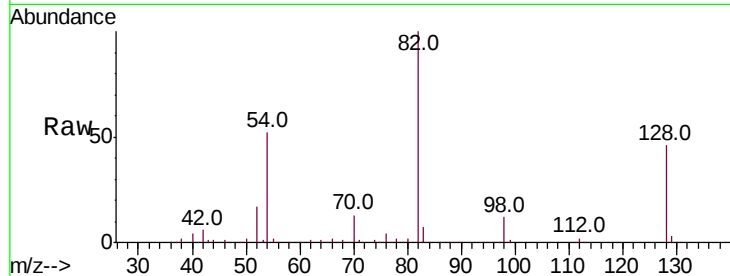




#23
 Nitrobenzene-d5
 Concen: 84.849 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037745.D
 Acq: 2 Nov 2018 8:13

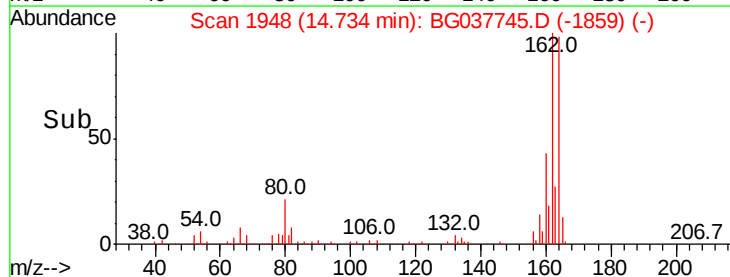
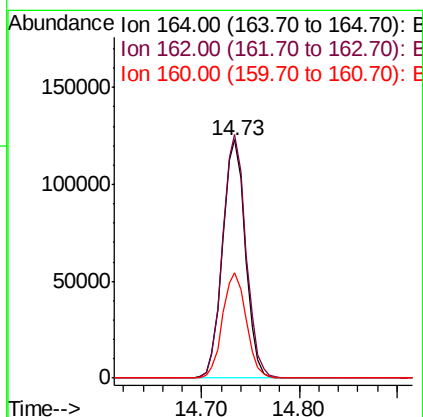
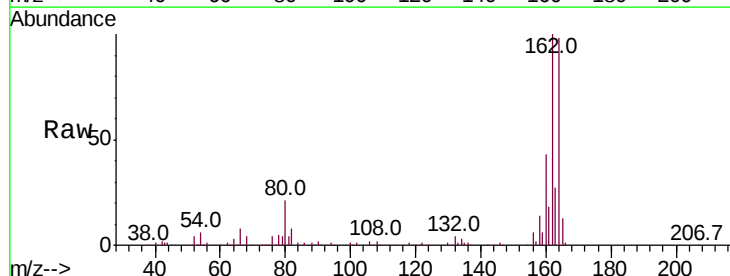
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	52.4	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037745.D
 Acq: 2 Nov 2018 8:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	44.2	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 116.191 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037745.D

Acq: 2 Nov 2018 8:13

Instrument :

BNA_G

ClientSampleId :

TP-2

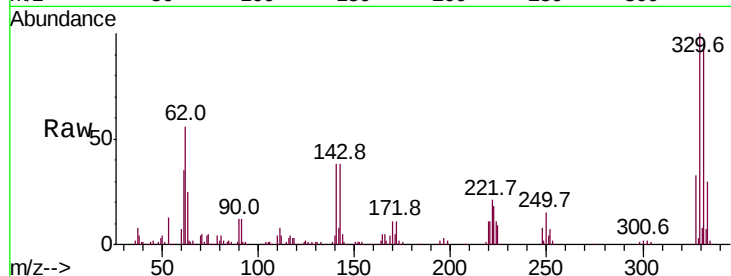
Tot Ion:330 Resp: 252290

Ion Ratio Lower Upper

330 100

332 91.8 78.4 117.6

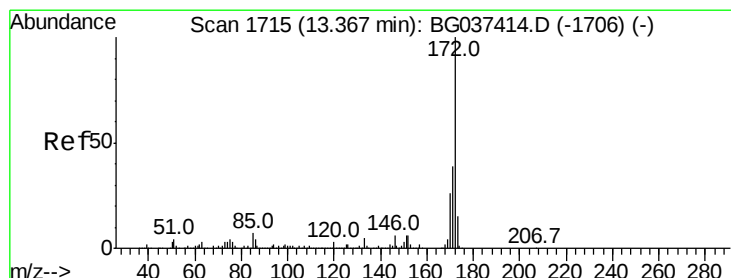
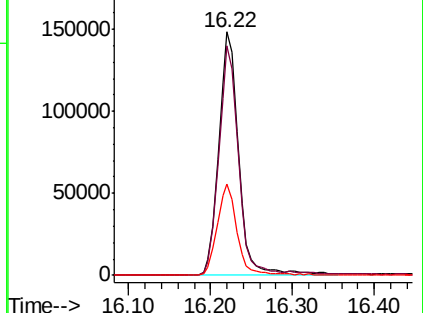
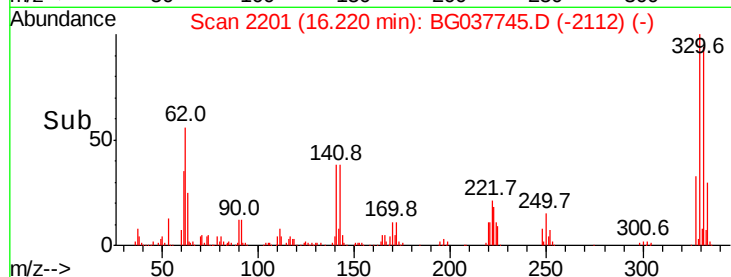
141 37.4 32.2 48.2



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: 81.984 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037745.D

Acq: 2 Nov 2018 8:13

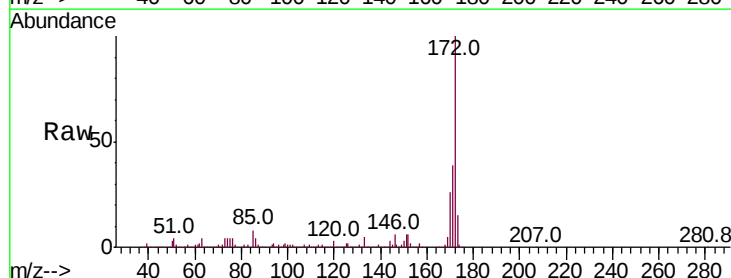
Tgt Ion:172 Resp: 1082359

Ion Ratio Lower Upper

172 100

171 39.0 31.0 46.4

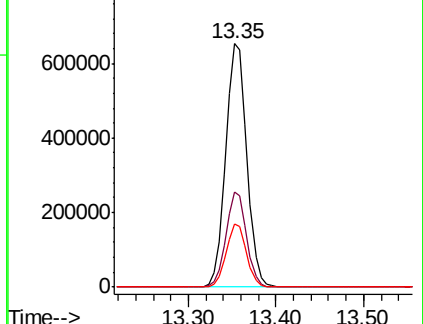
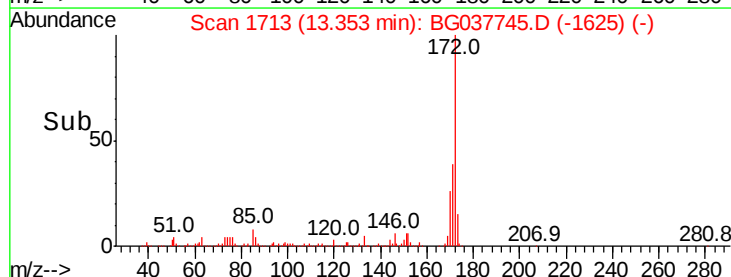
170 25.9 20.2 30.2



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

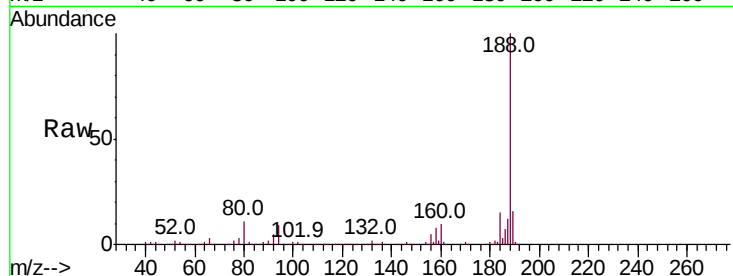




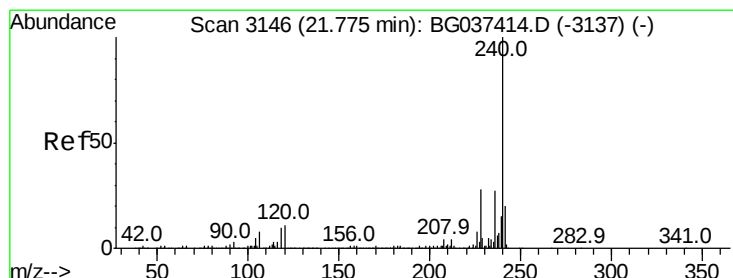
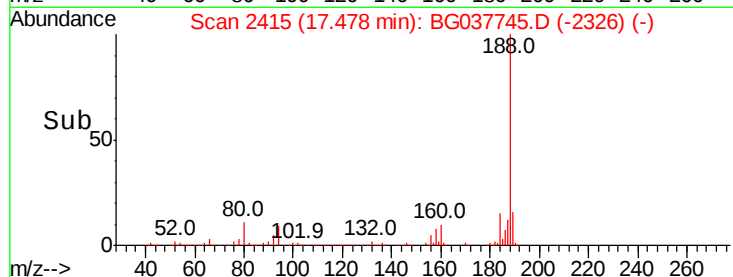
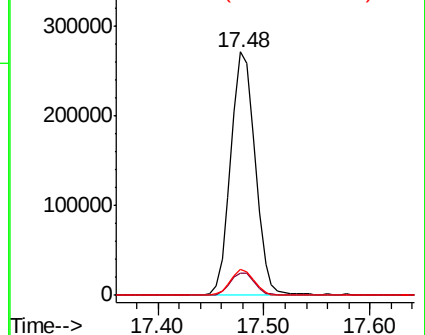
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037745.D
Acq: 2 Nov 2018 8:13

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:188 Resp: 435205
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.6 7.7 11.5

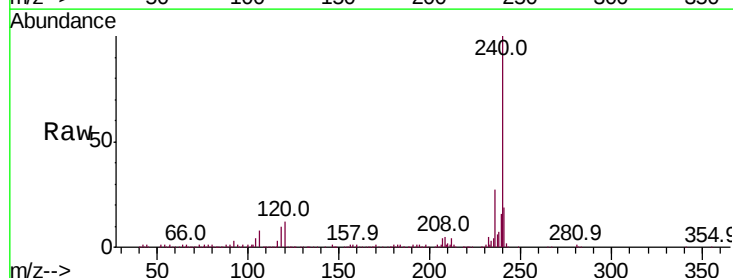


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

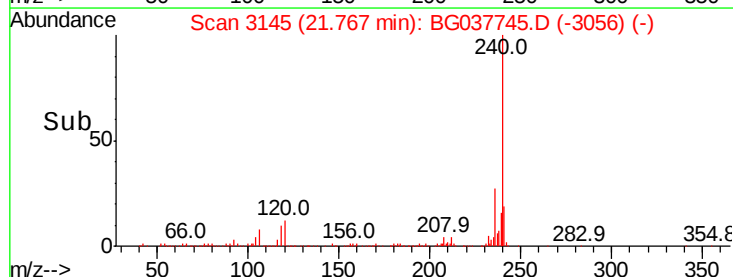
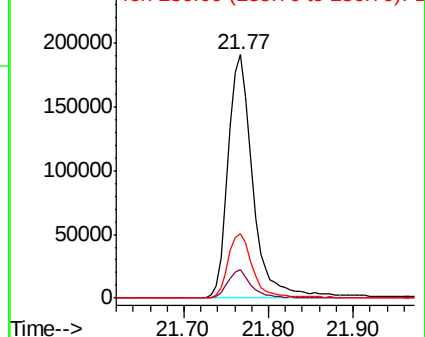


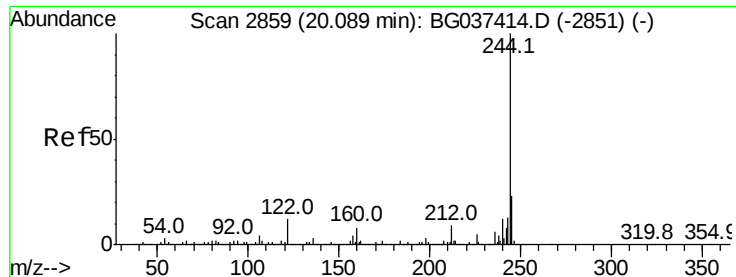
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037745.D
Acq: 2 Nov 2018 8:13

Tgt Ion:240 Resp: 386662
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 26.6 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: 89.561 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037745.D

Acq: 2 Nov 2018 8:13

Instrument :

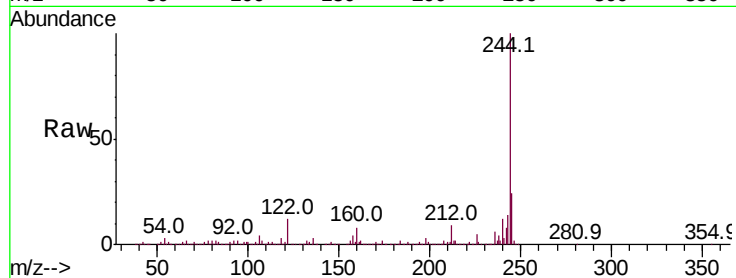
BNA_G

ClientSampleId :

TP-2

Tot Ion:244 Resp: 1620671

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.7	9.0	13.4

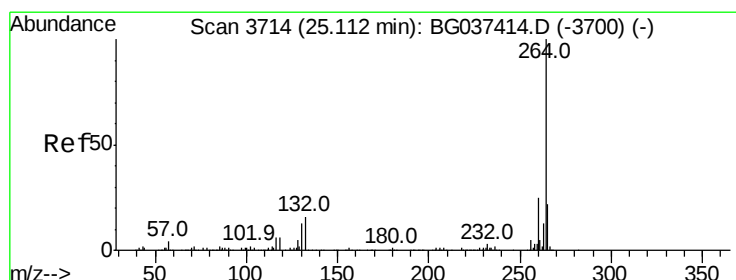
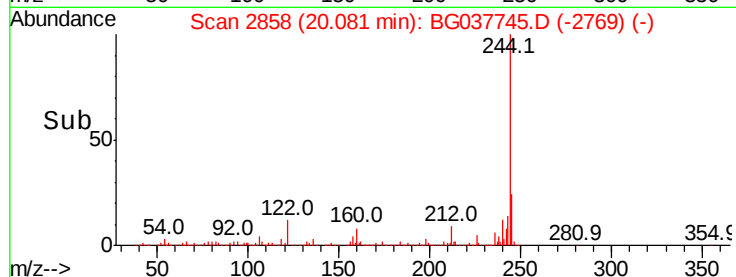
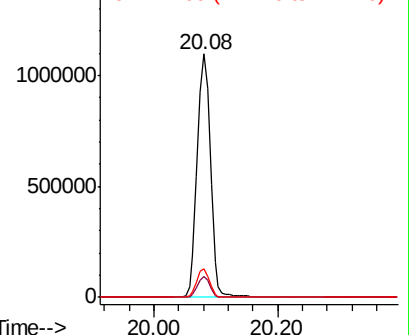


Abundance

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: 25.10 min Scan# 3713

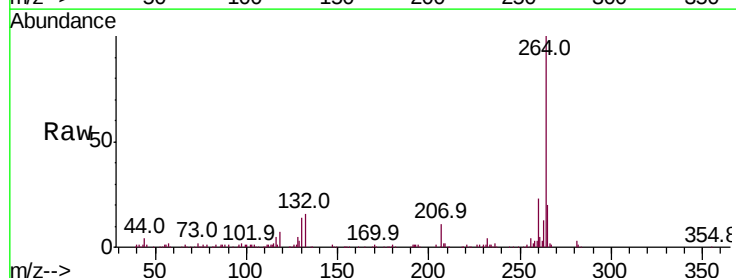
Delta R.T. -0.01 min

Lab File: BG037745.D

Acq: 2 Nov 2018 8:13

Tgt Ion:264 Resp: 308780

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	20.5	17.9	26.9



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

