

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037924.D
 Acq On : 9 Nov 2018 17:21
 Operator : JU/SJ
 Sample : J5860-23
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-110(24-28)

Quant Time: Nov 12 06:46:53 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

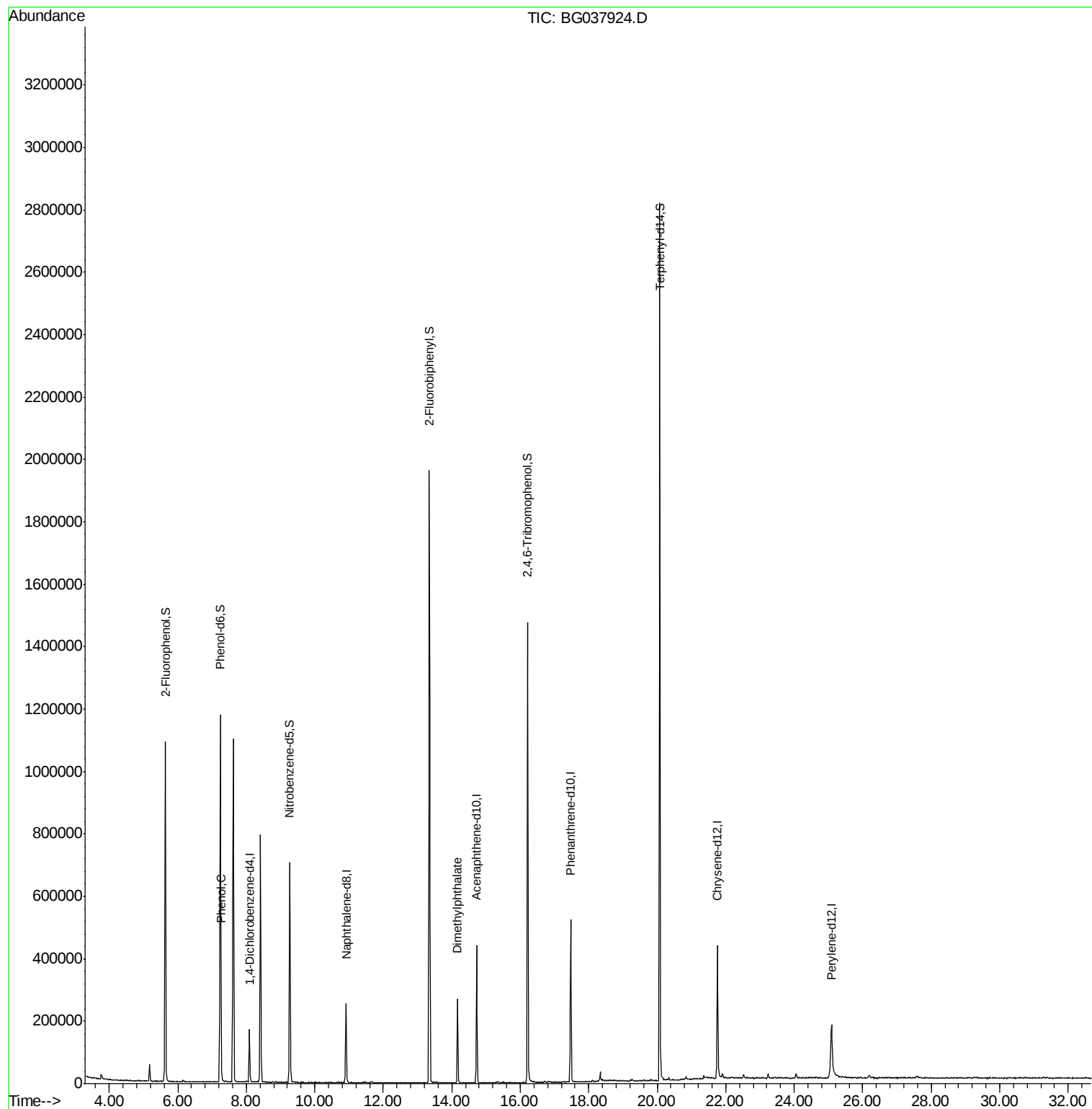
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51178	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	234957	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	155290	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	342853	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	298577	20.00	ng	-0.02
87) Perylene-d12	25.09	264	256884	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	496213	162.10	ng	0.00
7) Phenol-d6	7.24	99	741592	160.21	ng	0.00
23) Nitrobenzene-d5	9.27	82	447214	106.63	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	271359	160.21	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	1041652	101.15	ng	-0.02
79) Terphenyl-d14	20.07	244	1411105	100.99	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	49614	10.159	ng	93
50) Dimethylphthalate	14.17	163	190877	15.889	ng	99

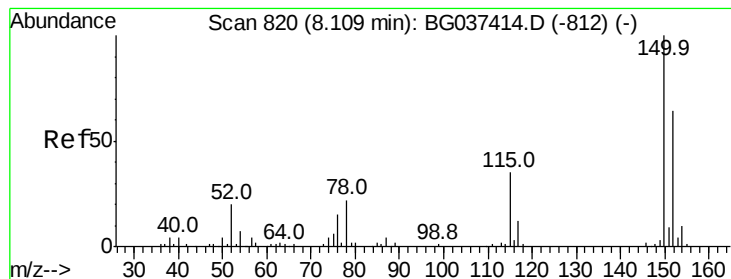
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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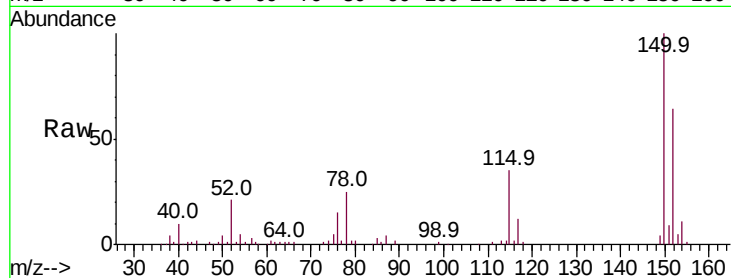


#1

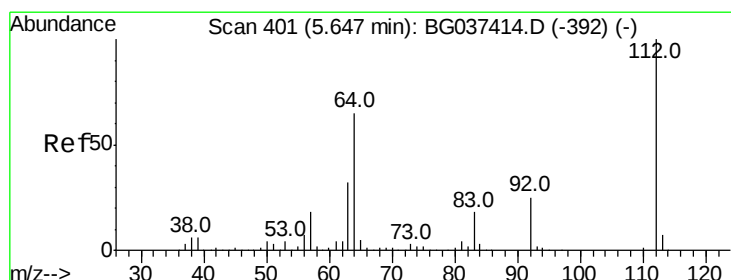
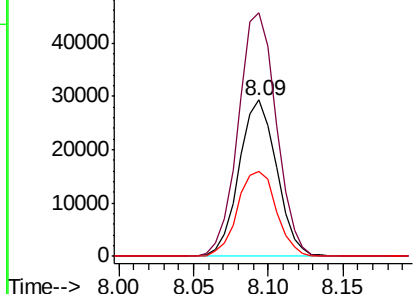
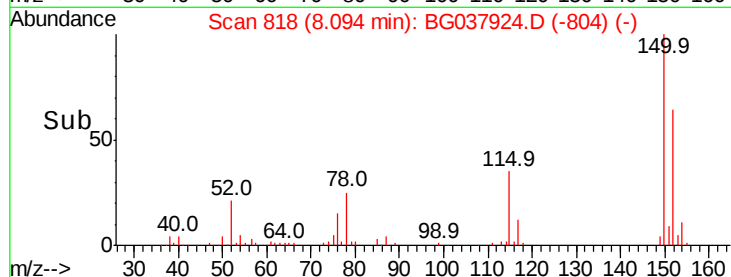
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037924.D
Acq: 9 Nov 2018 17:21

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(24-28)

Tot Ion:152 Resp: 51178
Ion Ratio Lower Upper
152 100
150 155.9 126.0 189.0
115 54.3 45.5 68.3



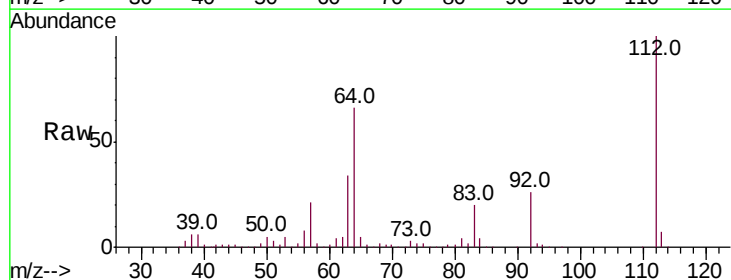
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



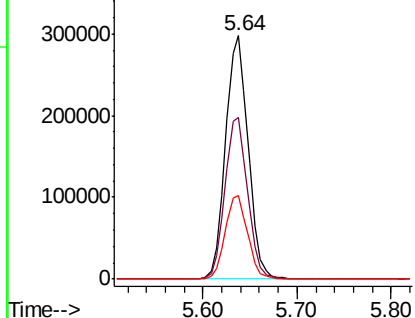
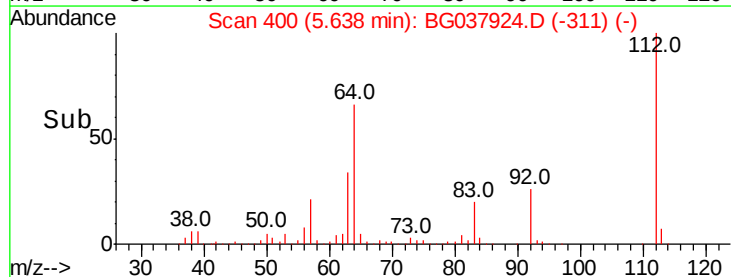
#5

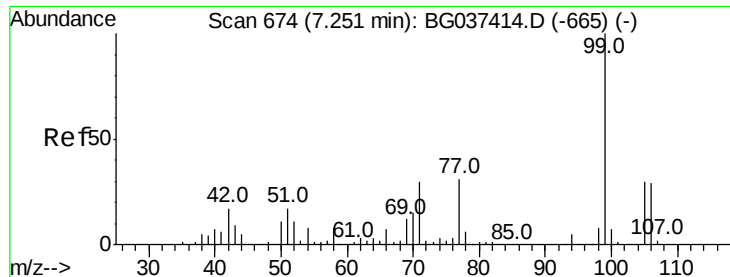
2-Fluorophenol
Concen: 162.100 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037924.D
Acq: 9 Nov 2018 17:21

Tgt Ion:112 Resp: 496213
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 34.3 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: 160.211 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037924.D

Acq: 9 Nov 2018 17:21

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(24-28)

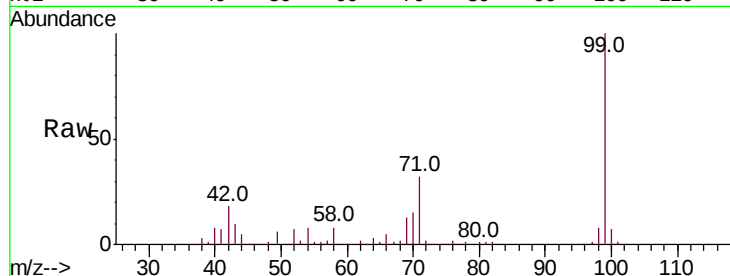
Tot Ion: 99 Resp: 741592

Ion Ratio Lower Upper

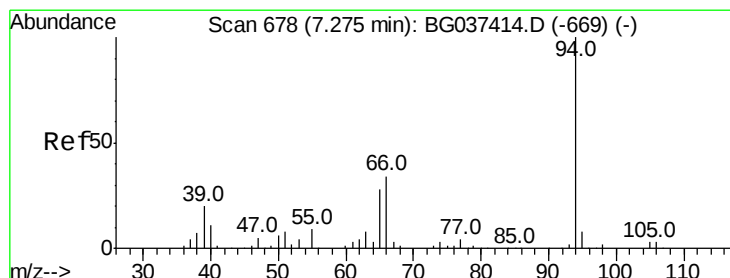
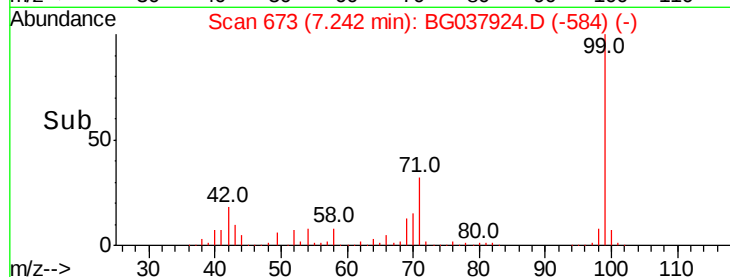
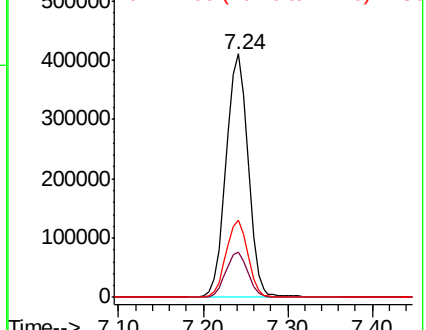
99 100

42 18.5 15.0 22.4

71 31.5 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



#10

Phenol

Concen: 10.159 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037924.D

Acq: 9 Nov 2018 17:21

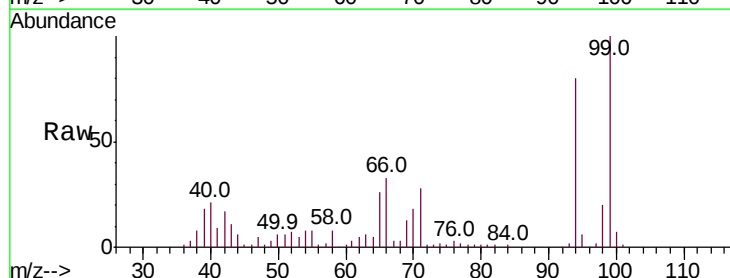
Tgt Ion: 94 Resp: 49614

Ion Ratio Lower Upper

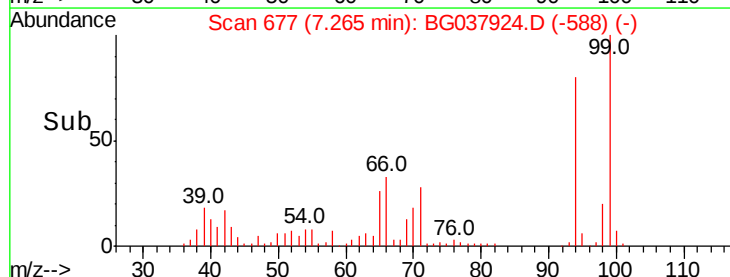
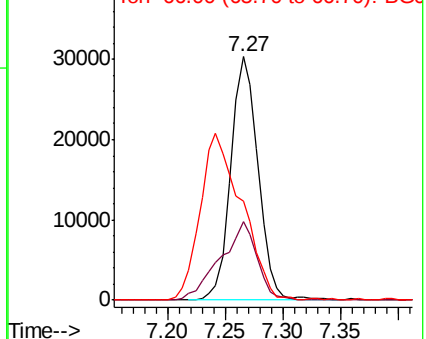
94 100

65 32.4 9.7 49.7

66 40.9 15.9 55.9



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

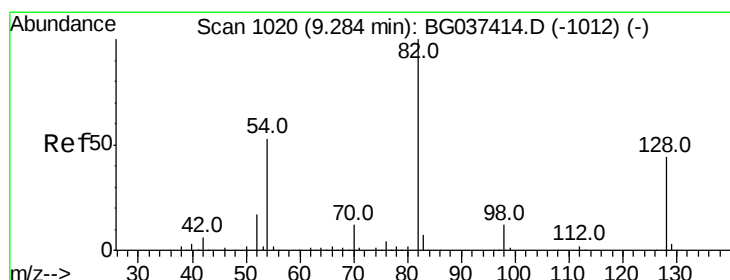
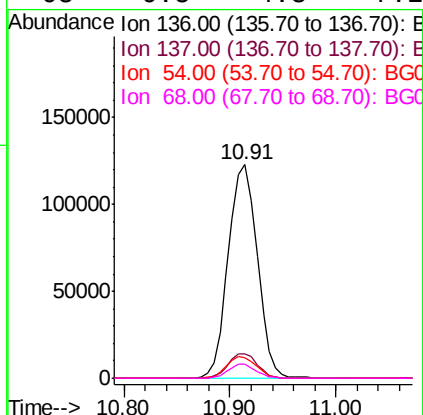
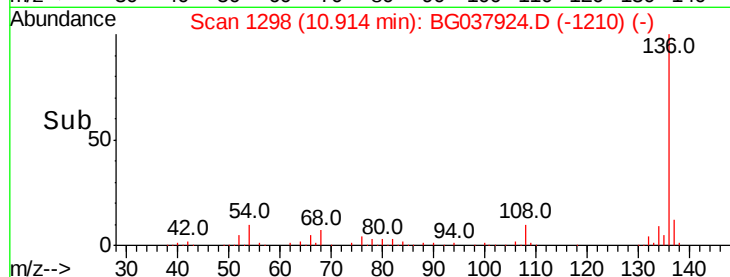
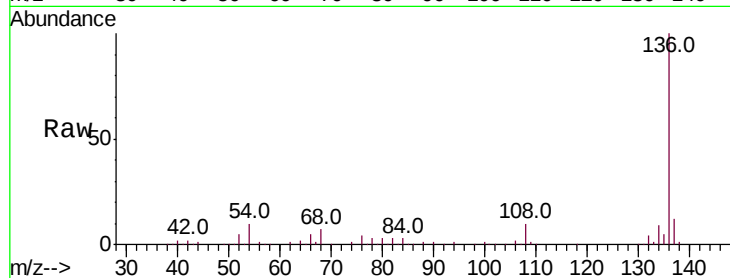




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037924.D
Acq: 9 Nov 2018 17:21

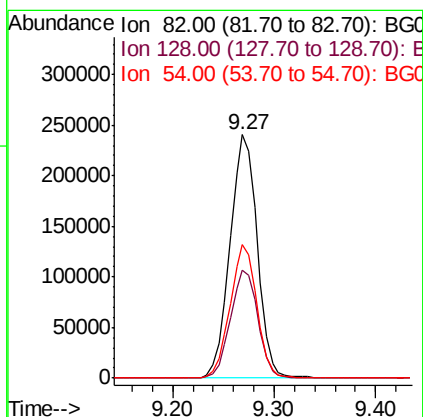
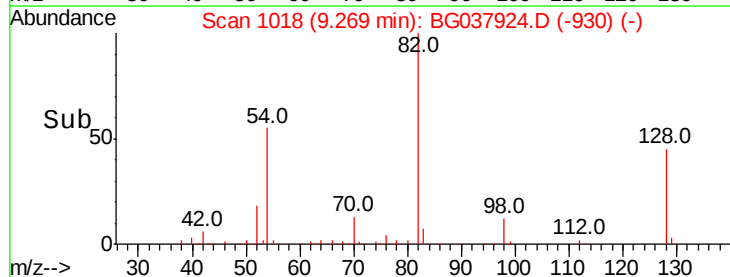
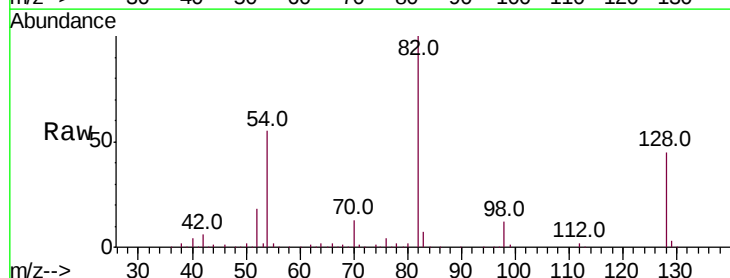
Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(24-28)

Tot Ion:	136	Resp:	234957
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.6	7.9	11.9
68	6.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 106.626 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037924.D
Acq: 9 Nov 2018 17:21

Tgt Ion:	82	Resp:	447214
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	54.7	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037924.D

Acq: 9 Nov 2018 17:21

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(24-28)

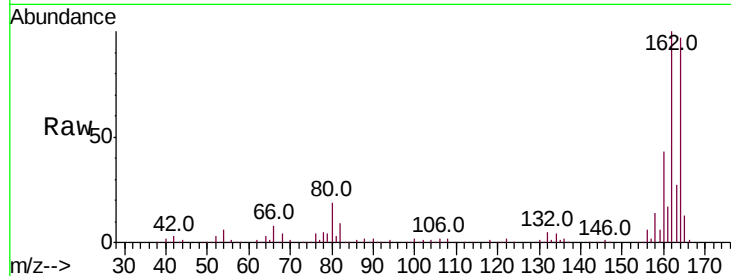
Tot Ion:164 Resp: 155290

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

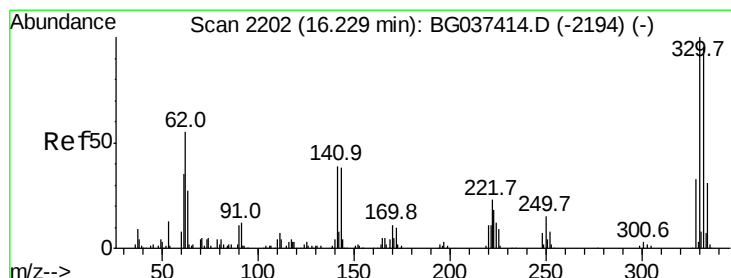
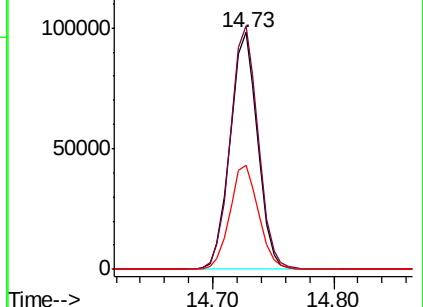
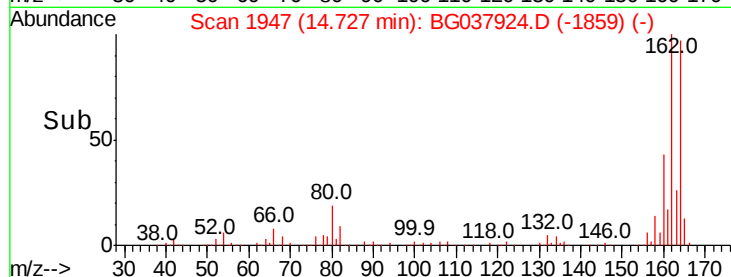
160 43.9 36.3 54.5



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: 160.214 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037924.D

Acq: 9 Nov 2018 17:21

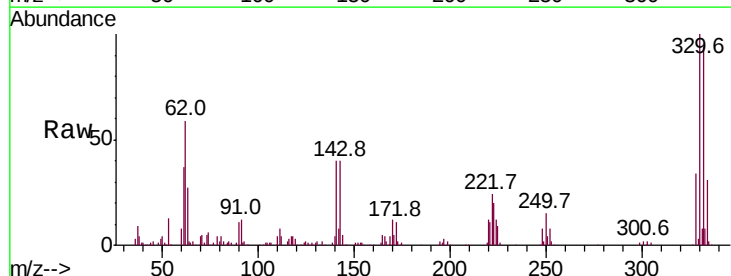
Tgt Ion:330 Resp: 271359

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

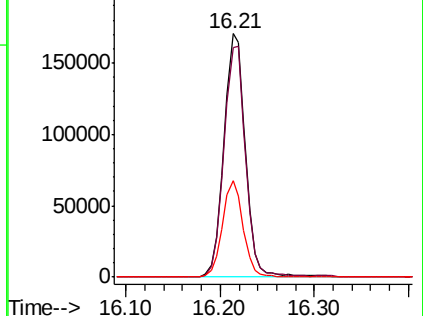
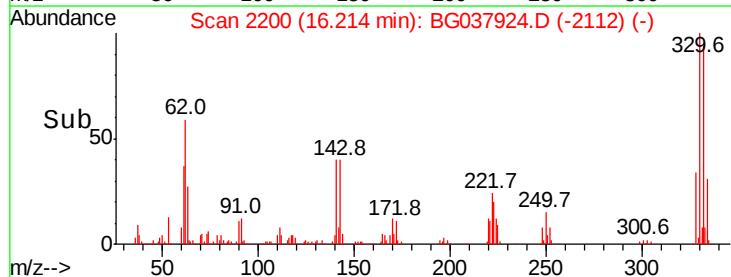
141 38.3 32.2 48.2



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

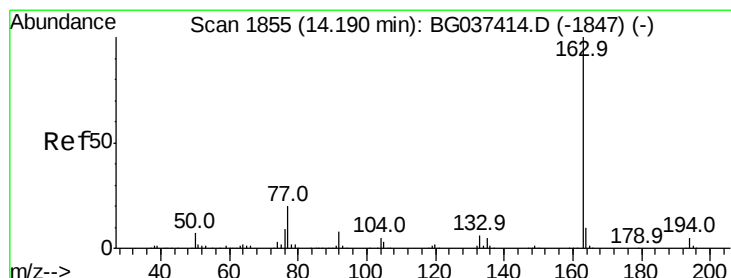
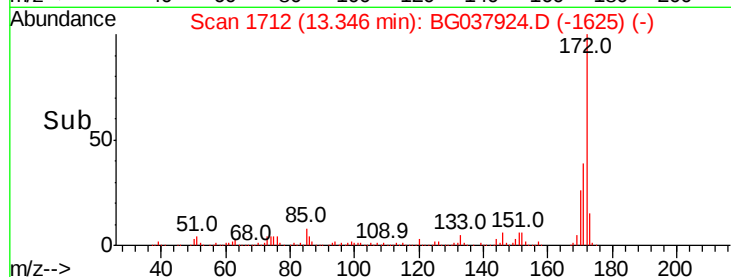
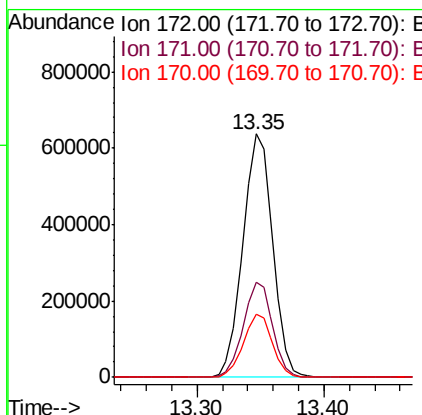
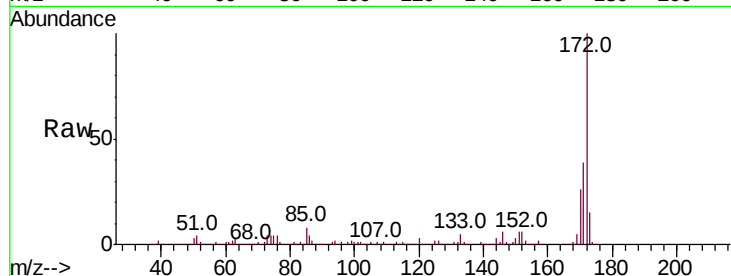




#45
2-Fluorobiphenyl
Concen: 101.150 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037924.D
Acq: 9 Nov 2018 17:21

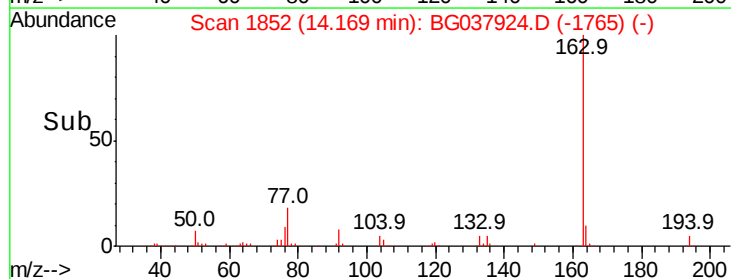
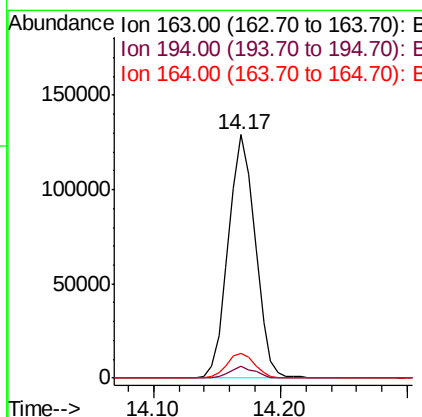
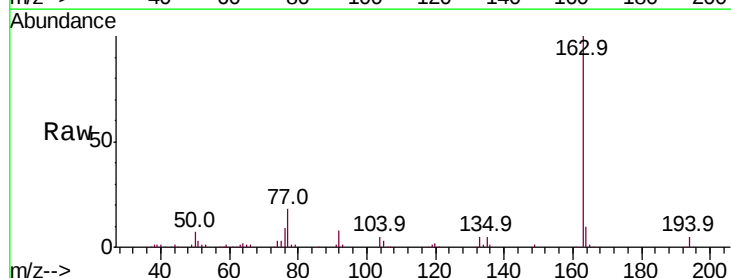
Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(24-28)

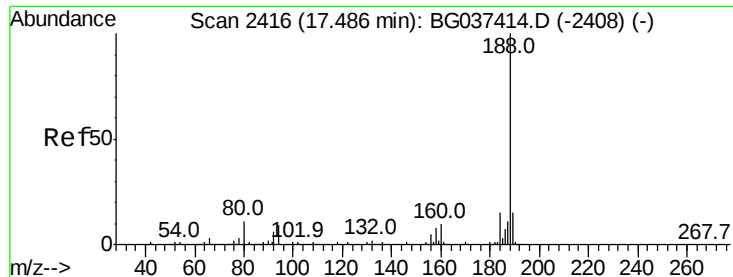
Tot Ion:172 Resp: 1041652
Ion Ratio Lower Upper
172 100
171 38.8 31.0 46.4
170 26.0 20.2 30.2



#50
Dimethylphthalate
Concen: 15.889 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037924.D
Acq: 9 Nov 2018 17:21

Tgt Ion:163 Resp: 190877
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 10.1 8.5 12.7

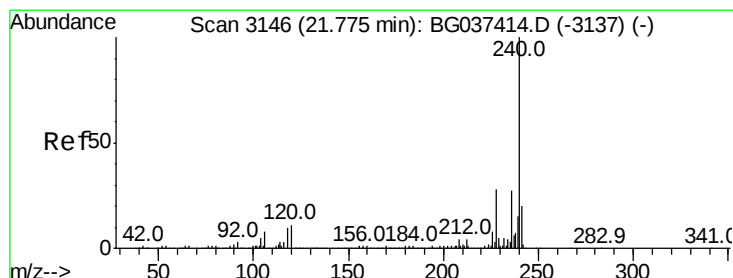
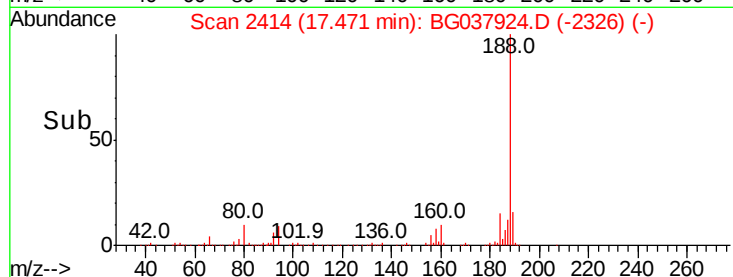
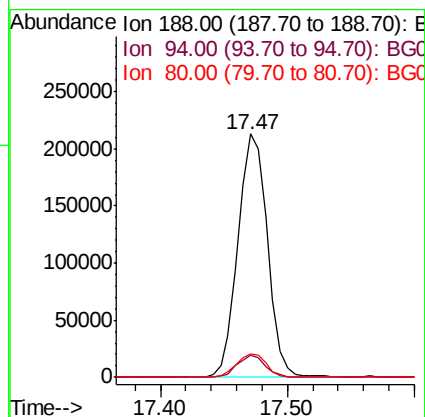
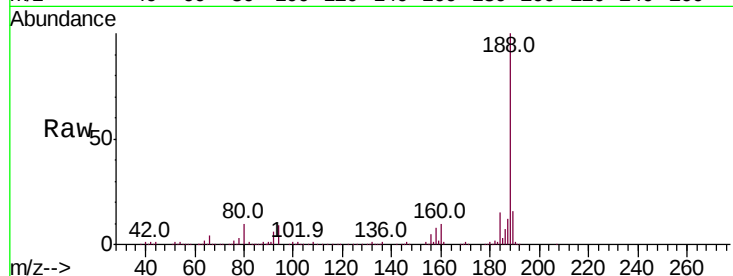




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG037924.D
Acq: 9 Nov 2018 17:21

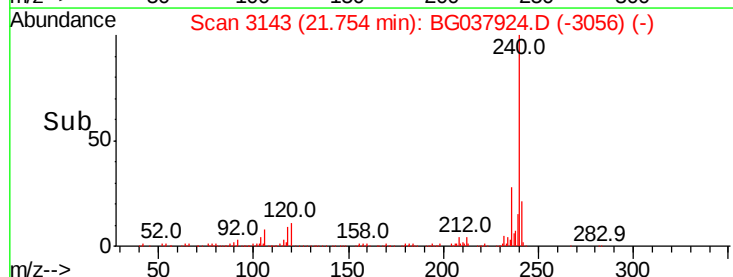
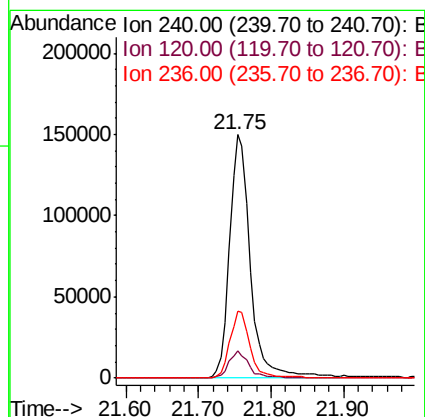
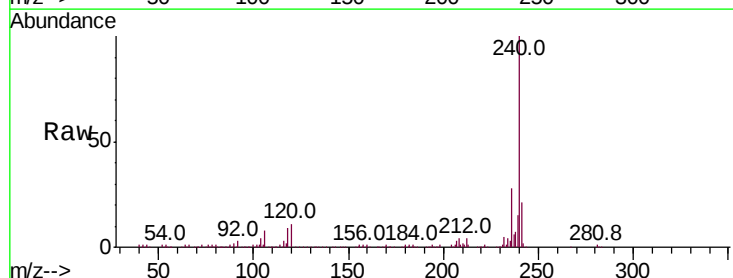
Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(24-28)

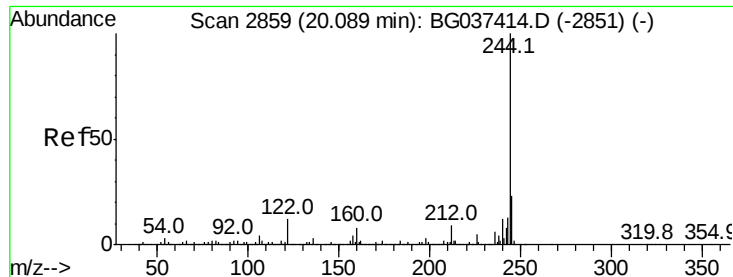
Tot Ion:188 Resp: 342853
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037924.D
Acq: 9 Nov 2018 17:21

Tgt Ion:240 Resp: 298577
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 27.6 21.4 32.0





#79

Terphenyl-d14

Concen: 100.986 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037924.D

Acq: 9 Nov 2018 17:21

Instrument :

BNA_G

ClientSampleId :

EP2-SB-110(24-28)

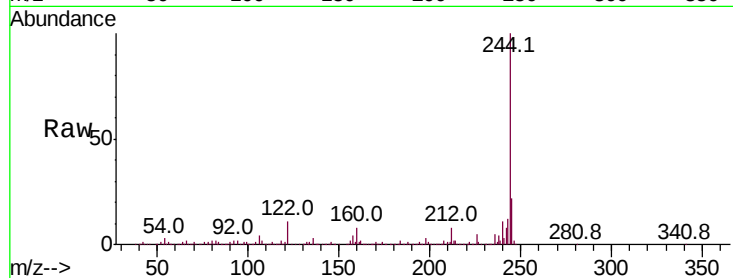
Tot Ion:244 Resp: 1411105

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

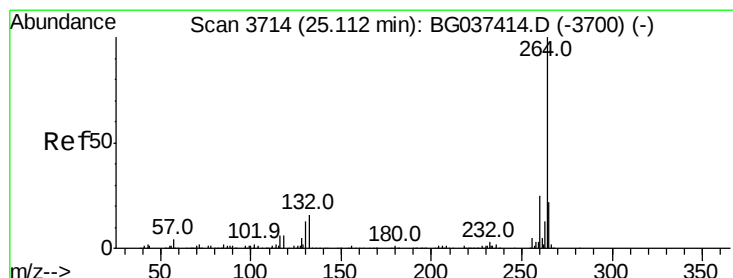
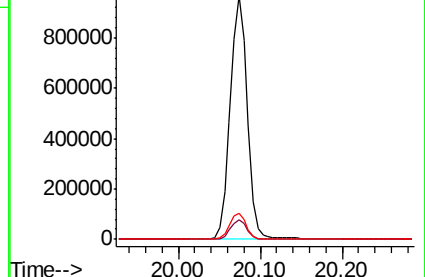
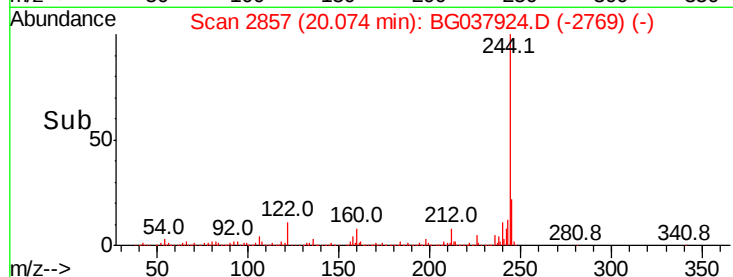
122 10.8 9.0 13.4



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: 25.09 min Scan# 3710

Delta R.T. -0.03 min

Lab File: BG037924.D

Acq: 9 Nov 2018 17:21

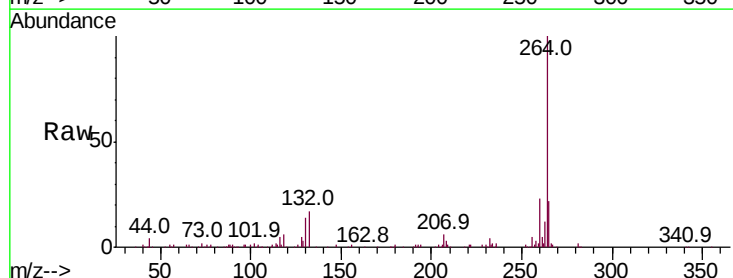
Tgt Ion:264 Resp: 256884

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 22.1 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

