

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037923.D
 Acq On : 9 Nov 2018 16:42
 Operator : JU/SJ
 Sample : J5860-26
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP2-SB-111(22-24)

Quant Time: Nov 12 06:44:33 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

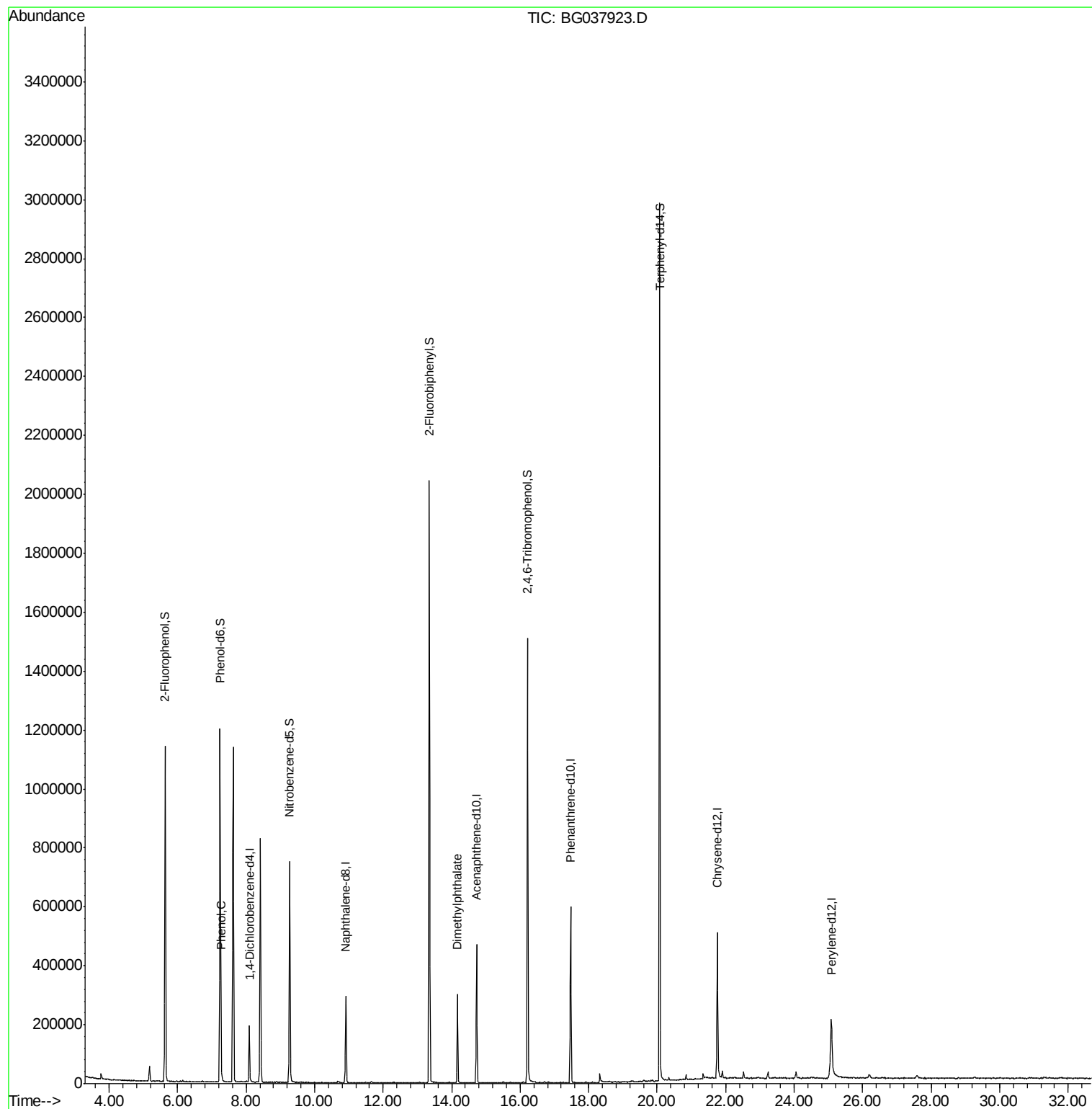
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	58344	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	262282	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	169591	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	389119	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	348015	20.00	ng	-0.02
87) Perylene-d12	25.08	264	305135	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	519679	148.91	ng	-0.01
7) Phenol-d6	7.24	99	773528	146.59	ng	-0.01
23) Nitrobenzene-d5	9.27	82	466616	99.66	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	290427	157.01	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1107636	98.49	ng	-0.02
79) Terphenyl-d14	20.07	244	1503575	92.32	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	55976	10.054	ng	98
50) Dimethylphthalate	14.17	163	219944	16.764	ng	98

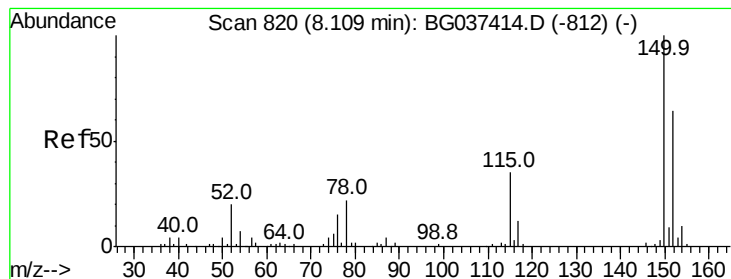
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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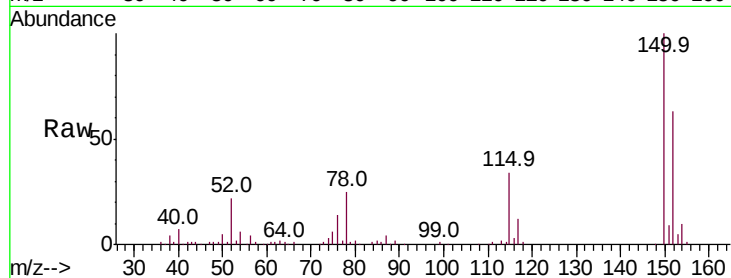


#1

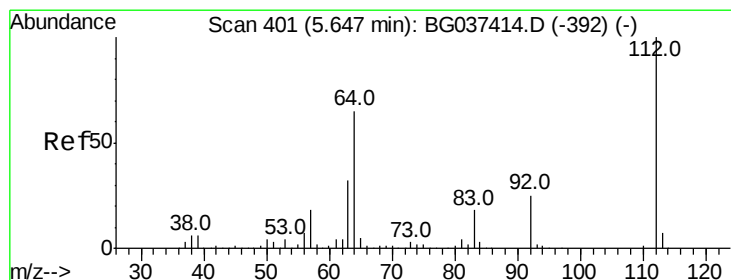
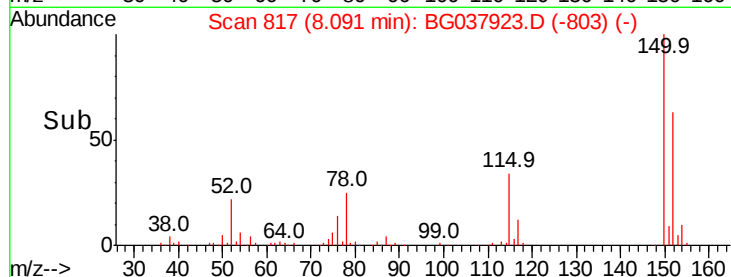
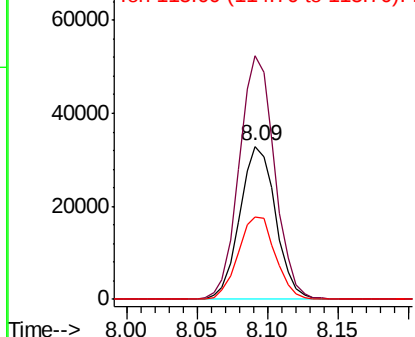
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(22-24)

Tot Ion:152 Resp: 58344
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 53.8 45.5 68.3



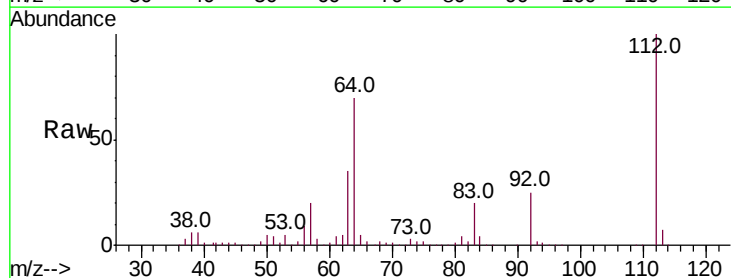
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



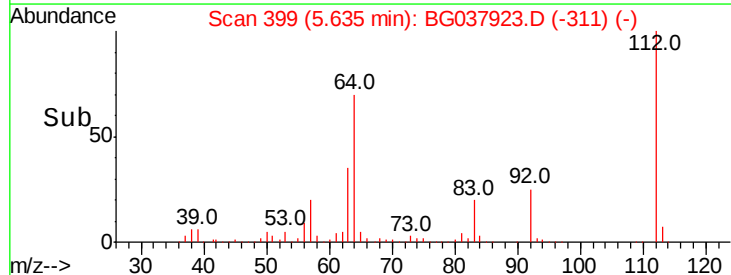
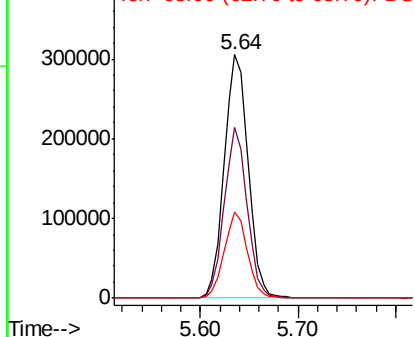
#5

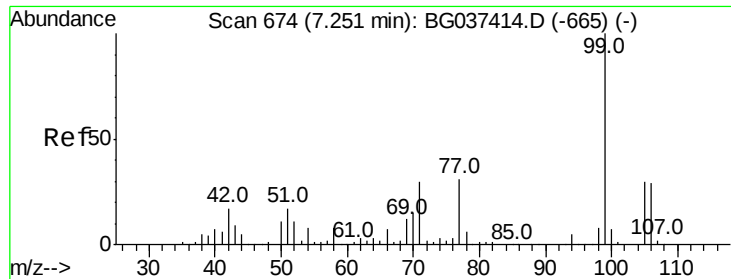
2-Fluorophenol
Concen: 148.915 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Tgt Ion:112 Resp: 519679
Ion Ratio Lower Upper
112 100
64 70.0 53.1 79.7
63 35.3 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: 146.585 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037923.D

Acq: 9 Nov 2018 16:42

Instrument :

BNA_G

ClientSampleId :

EP2-SB-111(22-24)

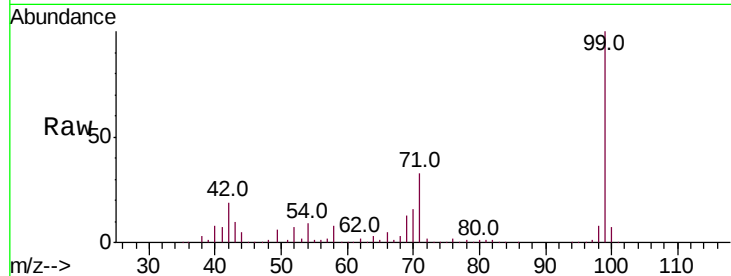
Tot Ion: 99 Resp: 773528

Ion Ratio Lower Upper

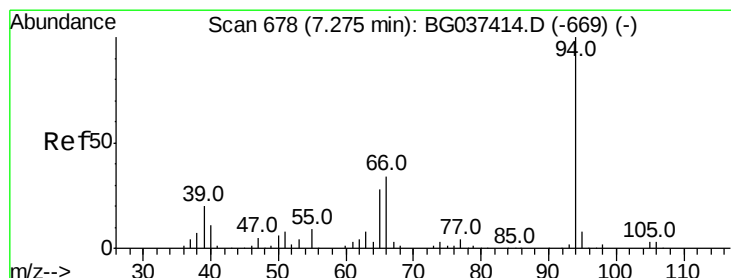
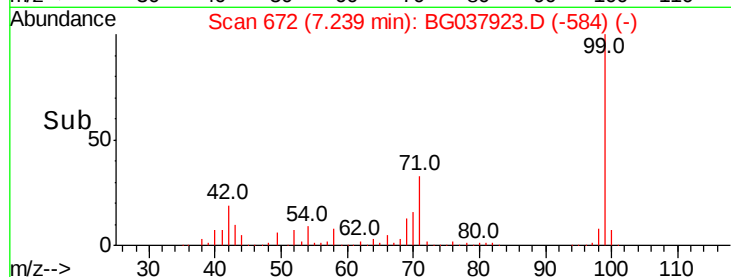
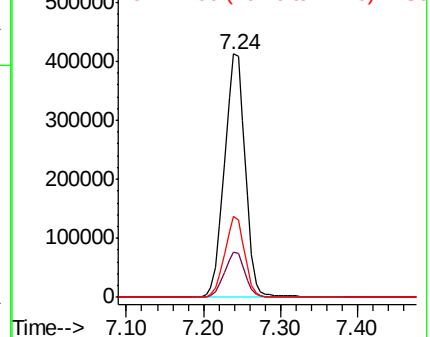
99 100

42 18.6 15.0 22.4

71 33.3 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: 10.054 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037923.D

Acq: 9 Nov 2018 16:42

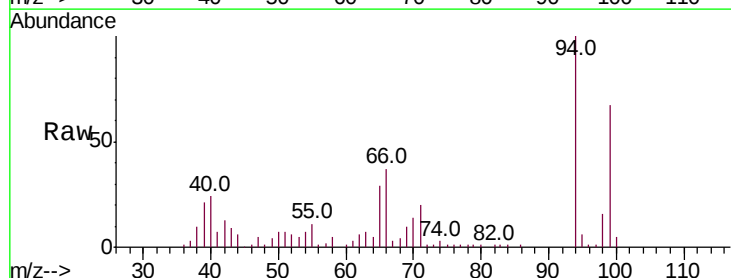
Tgt Ion: 94 Resp: 55976

Ion Ratio Lower Upper

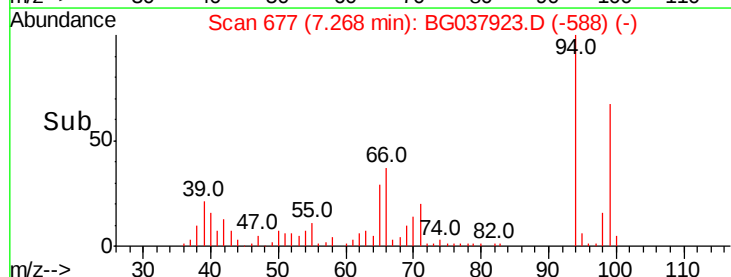
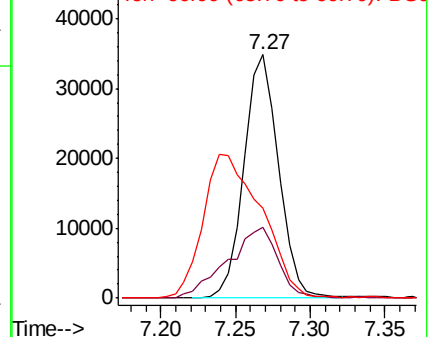
94 100

65 29.3 9.7 49.7

66 37.2 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

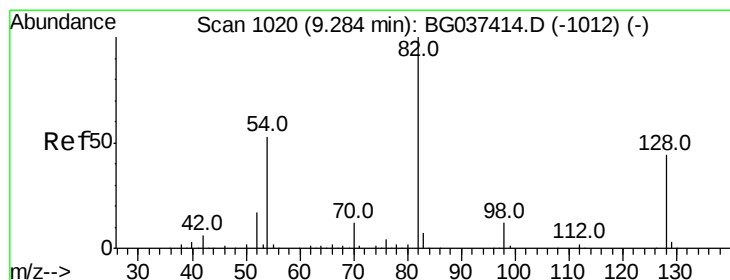
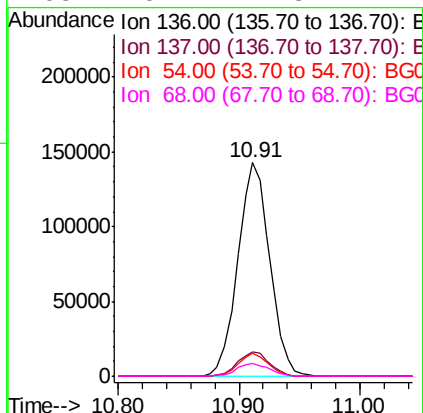
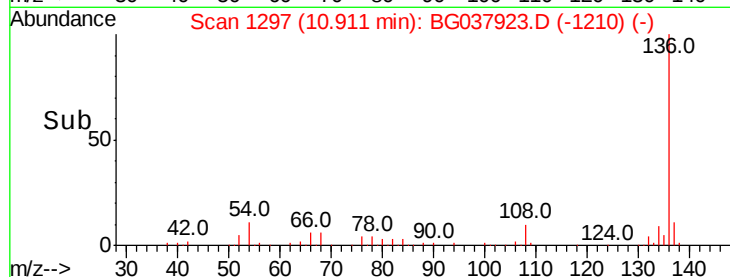
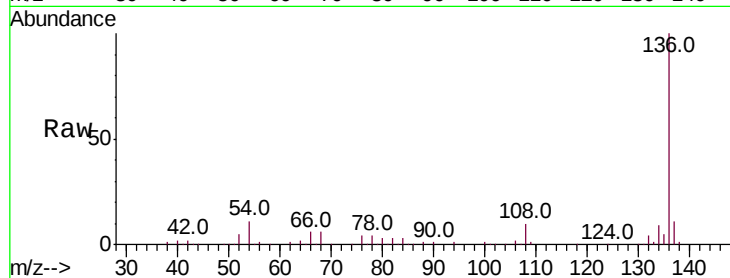




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

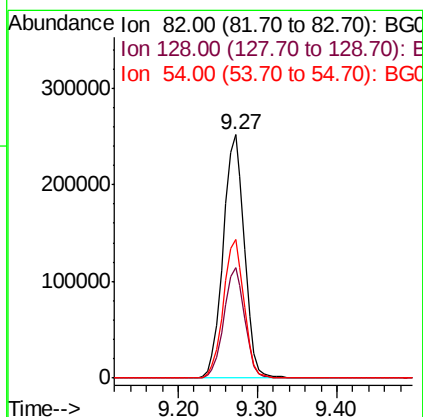
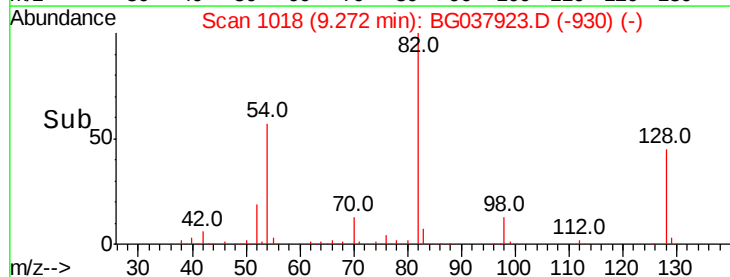
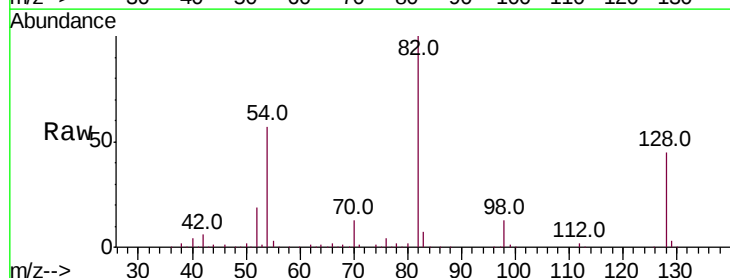
Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(22-24)

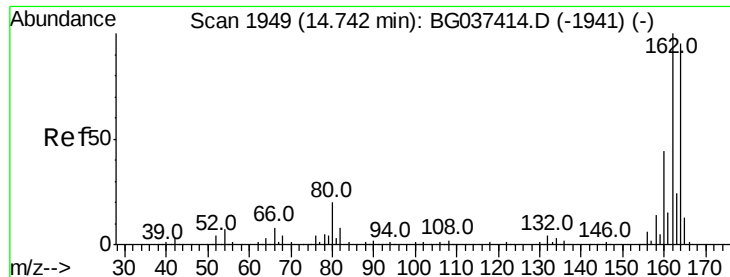
Tot Ion:	136	Resp:	262282
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.9	7.9	11.9
68	6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 99.661 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Tgt Ion:	82	Resp:	466616
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	57.0	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037923.D

Acq: 9 Nov 2018 16:42

Instrument :

BNA_G

ClientSampleId :

EP2-SB-111(22-24)

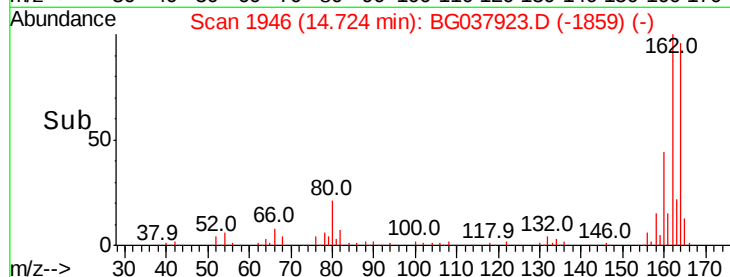
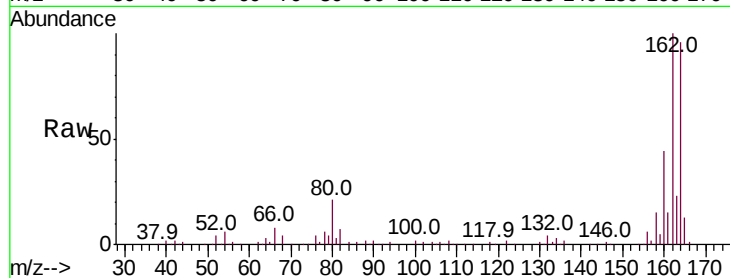
Tot Ion:164 Resp: 169591

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

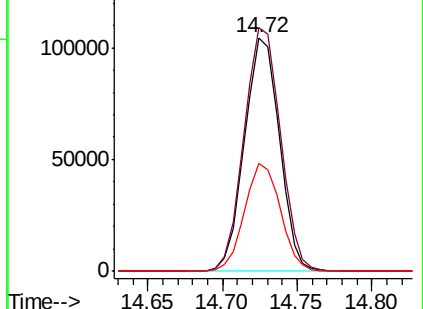
160 46.3 36.3 54.5



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: 157.012 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037923.D

Acq: 9 Nov 2018 16:42

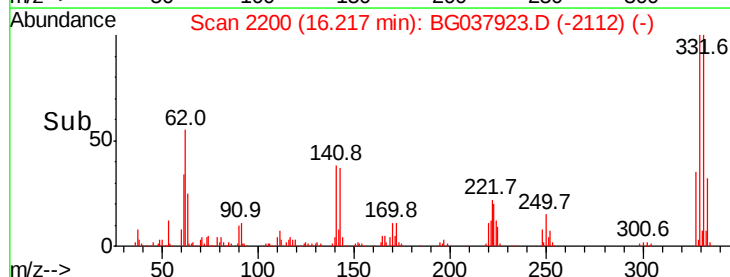
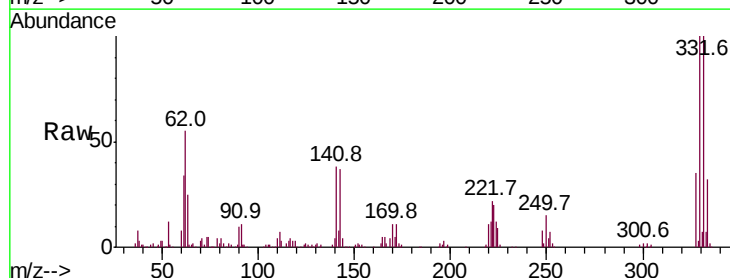
Tgt Ion:330 Resp: 290427

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

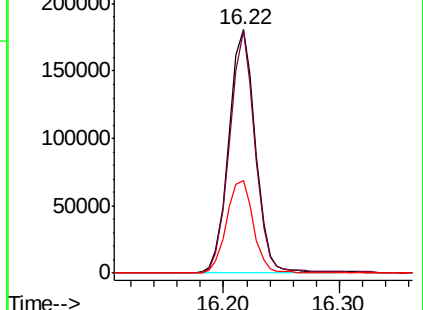
141 38.2 32.2 48.2



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

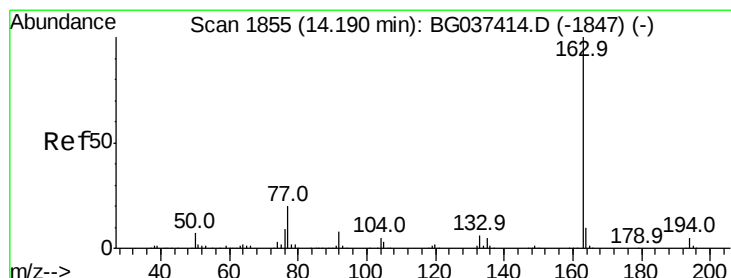
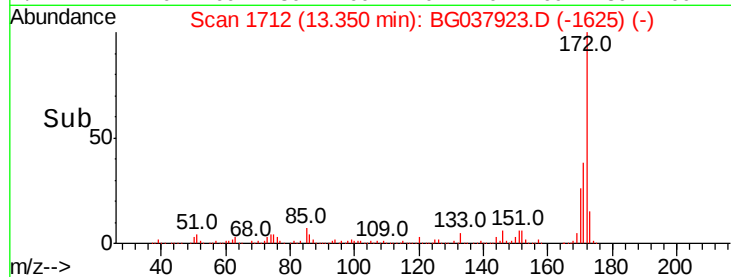
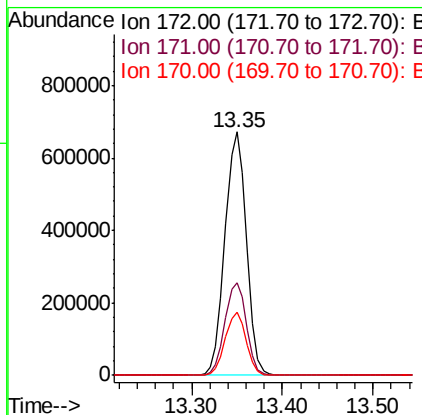
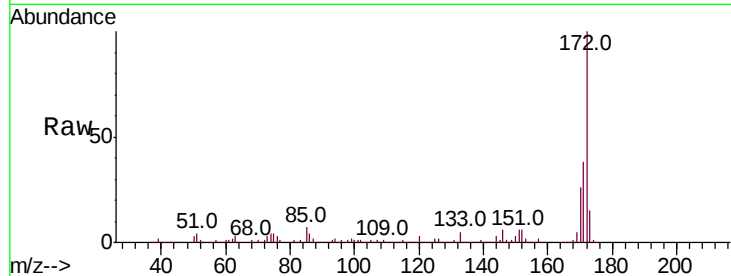




#45
2-Fluorobiphenyl
Concen: 98.487 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

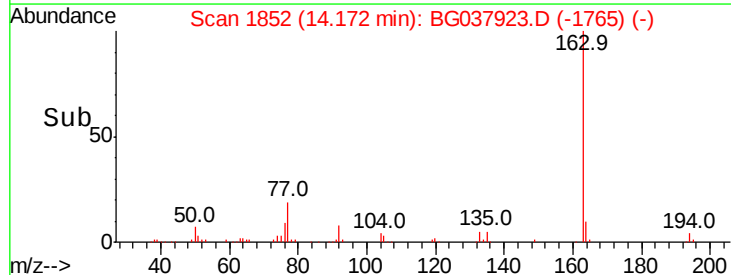
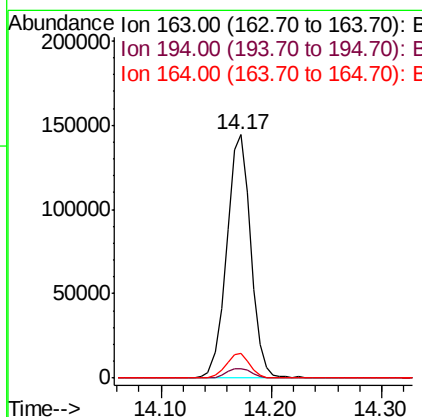
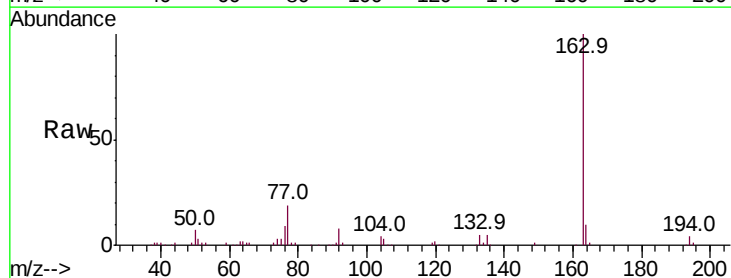
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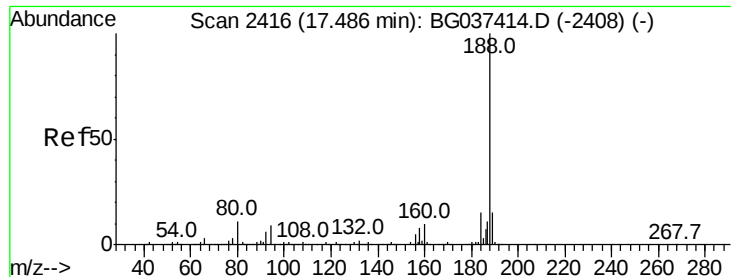
Tot Ion:172 Resp: 1107636
Ion Ratio Lower Upper
172 100
171 38.2 31.0 46.4
170 26.0 20.2 30.2



#50
Dimethylphthalate
Concen: 16.764 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037923.D
Acq: 9 Nov 2018 16:42

Tgt Ion:163 Resp: 219944
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 9.9 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037923.D

Acq: 9 Nov 2018 16:42

Instrument :

BNA_G

ClientSampleId :

EP2-SB-111(22-24)

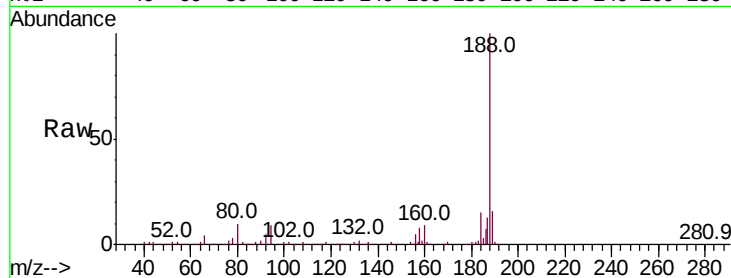
Tot Ion:188 Resp: 389119

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

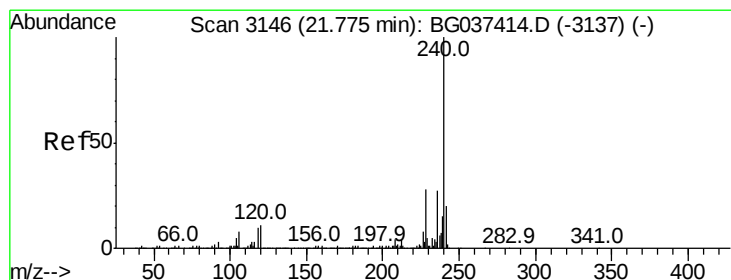
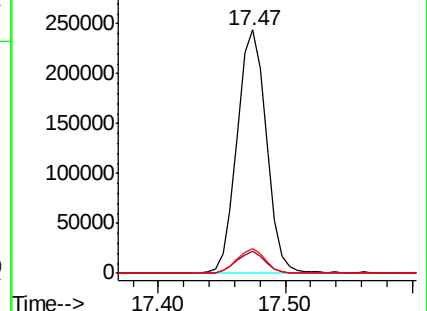
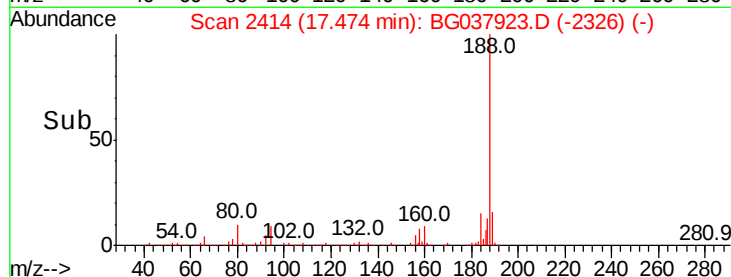
80 10.3 7.7 11.5



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: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037923.D

Acq: 9 Nov 2018 16:42

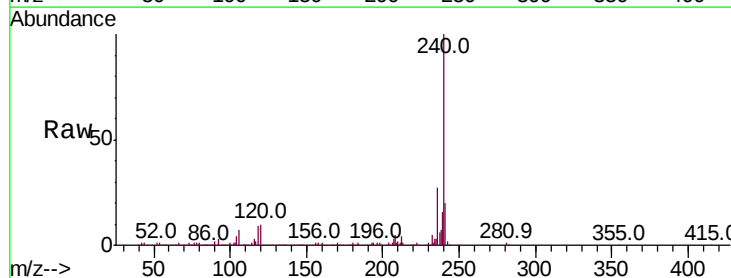
Tgt Ion:240 Resp: 348015

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

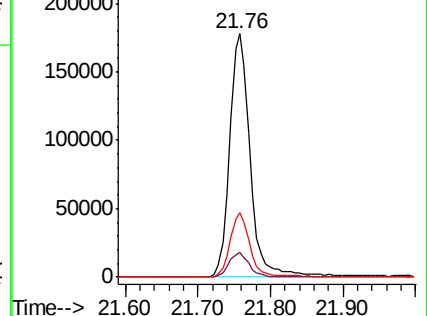
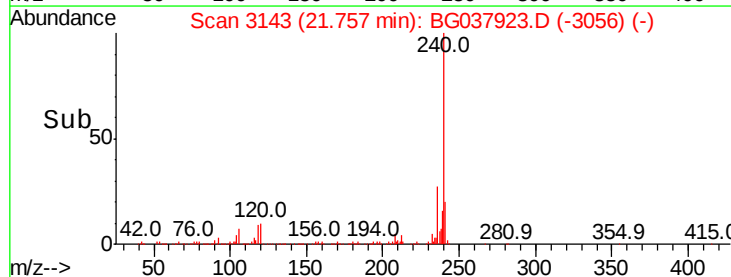
236 26.6 21.4 32.0

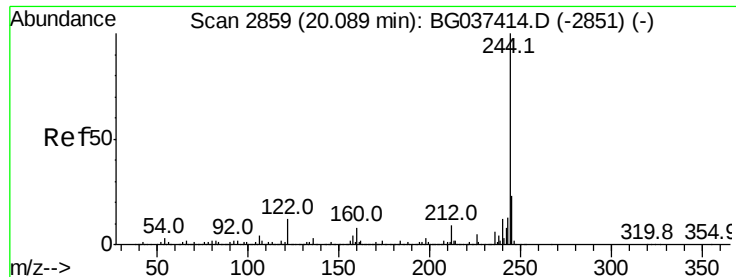


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.318 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037923.D

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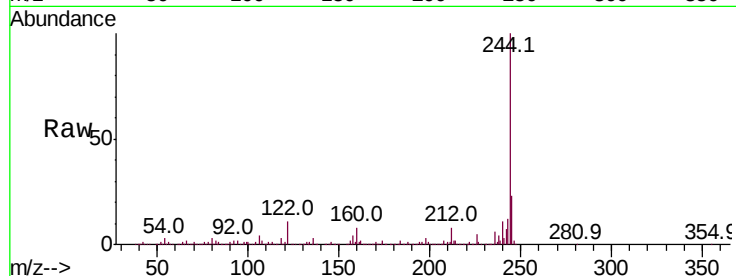
Tot Ion:244 Resp: 1503575

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

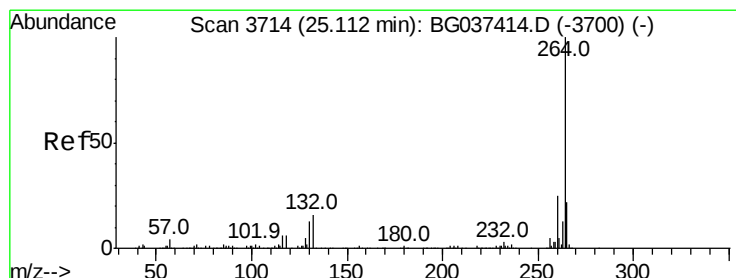
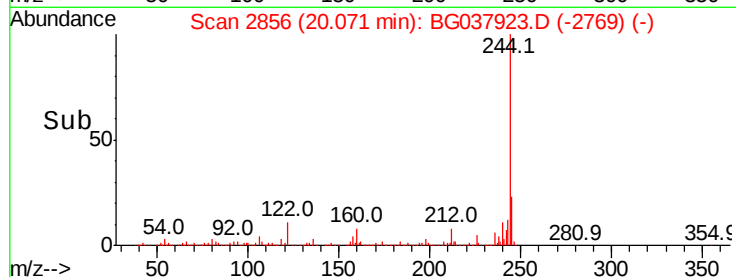
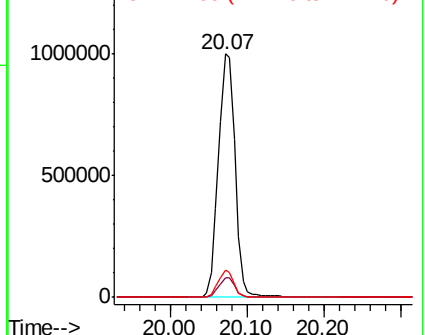
122 11.4 9.0 13.4



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: 25.08 min Scan# 3709

Delta R.T. -0.03 min

Lab File: BG037923.D

Acq: 9 Nov 2018 16:42

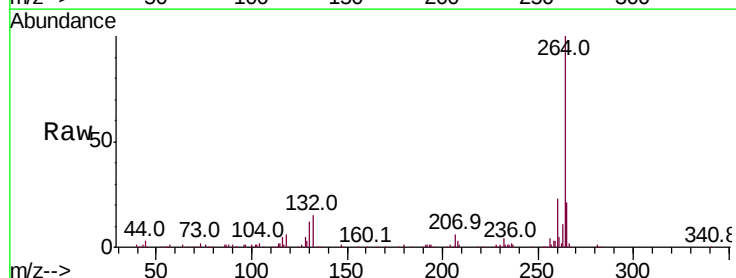
Tgt Ion:264 Resp: 305135

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 20.6 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

