

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
 Data File : BG037896.D
 Acq On : 8 Nov 2018 21:51
 Operator : JU/SJ
 Sample : J5762-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 09 15:17:34 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

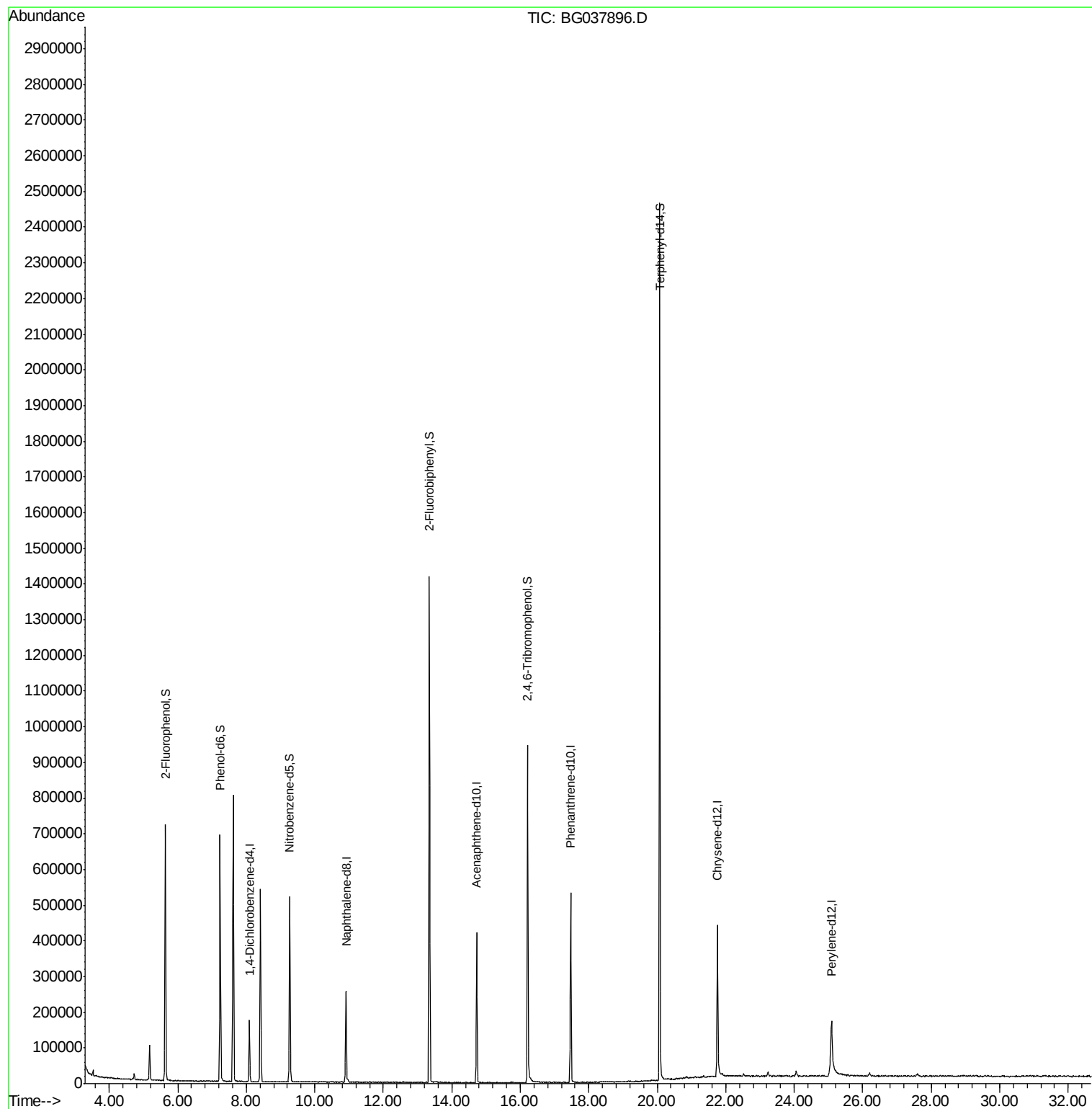
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	53019	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	234193	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	156741	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	355731	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	317088	20.00	ng	-0.02
87) Perylene-d12	25.09	264	253730	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	338182	106.64	ng	0.00
7) Phenol-d6	7.24	99	449532	93.74	ng	-0.02
23) Nitrobenzene-d5	9.27	82	334214	79.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	186596	109.15	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	778399	74.89	ng	-0.02
79) Terphenyl-d14	20.07	244	1205034	81.20	ng	-0.02

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

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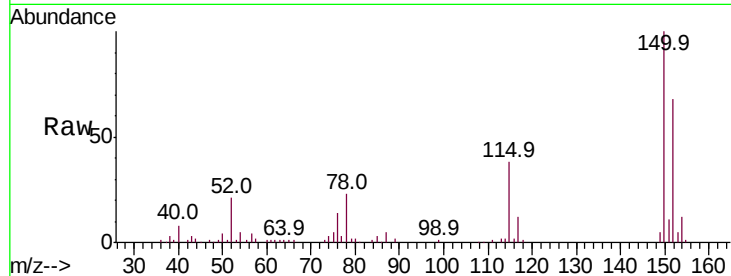




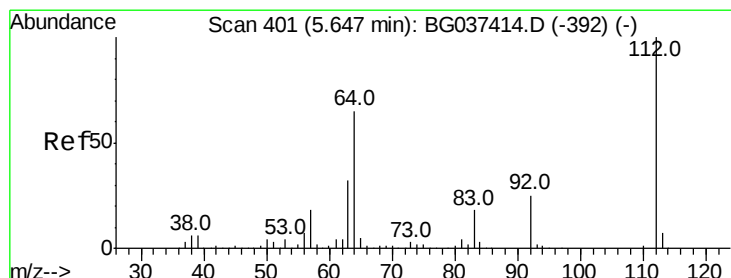
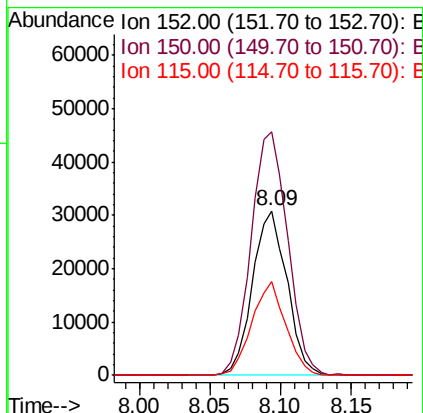
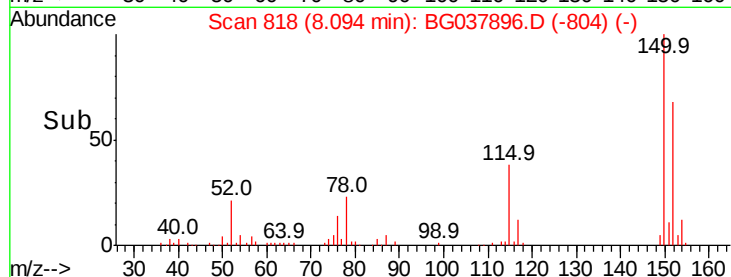
#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BG037896.D
 Acq: 8 Nov 2018 21:51

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	126.0	189.0
115	56.9	45.5	68.3



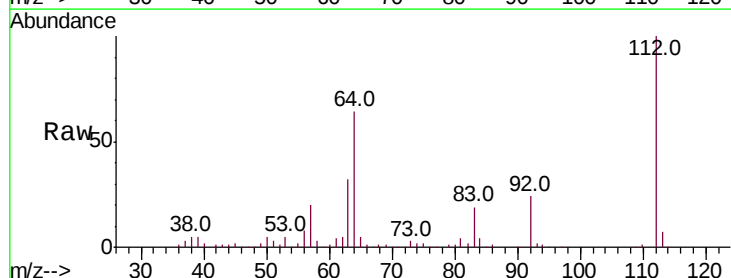
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



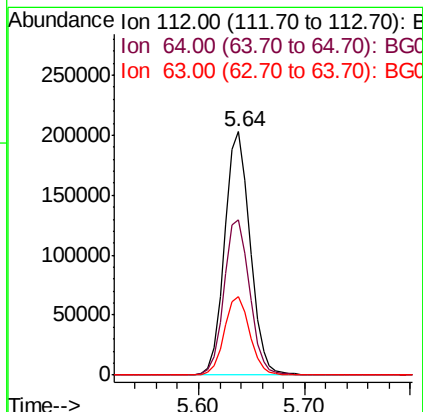
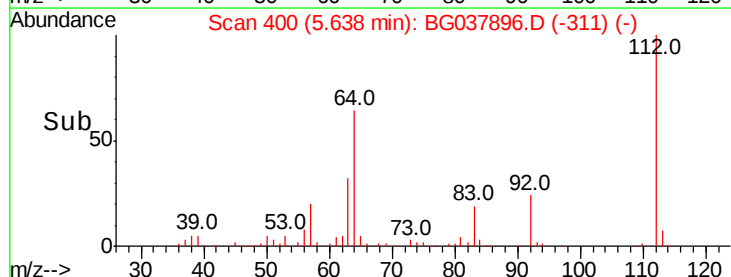
#5

2-Fluorophenol
 Concen: 106.639 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037896.D
 Acq: 8 Nov 2018 21:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	53.1	79.7
63	32.3	27.3	40.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 93.743 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037896.D

Acq: 8 Nov 2018 21:51

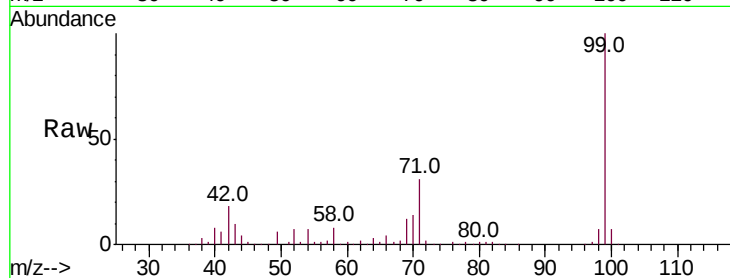
Tot Ion: 99 Resp: 449532

Ion Ratio Lower Upper

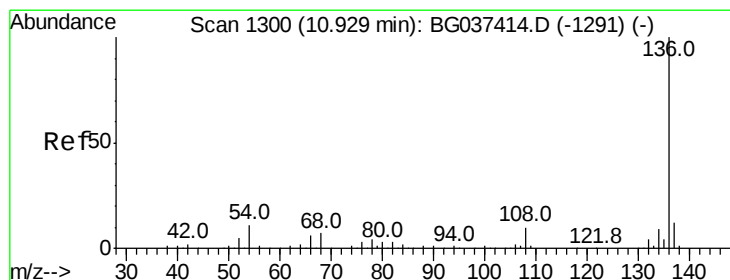
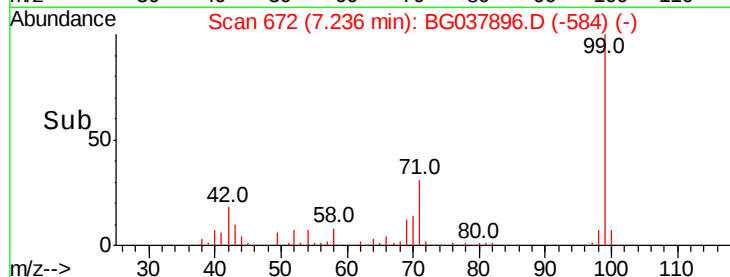
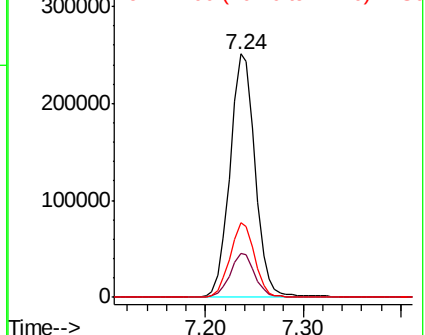
99 100

42 18.0 15.0 22.4

71 30.8 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: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG037896.D

Acq: 8 Nov 2018 21:51

Tgt Ion: 136 Resp: 234193

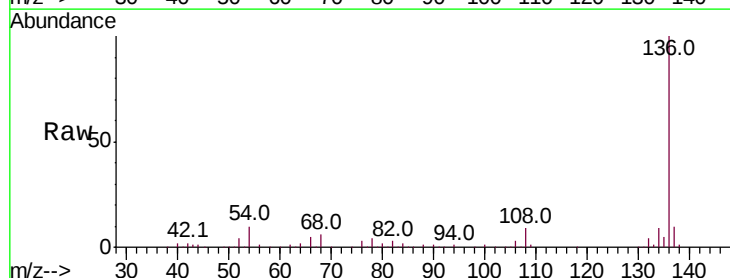
Ion Ratio Lower Upper

136 100

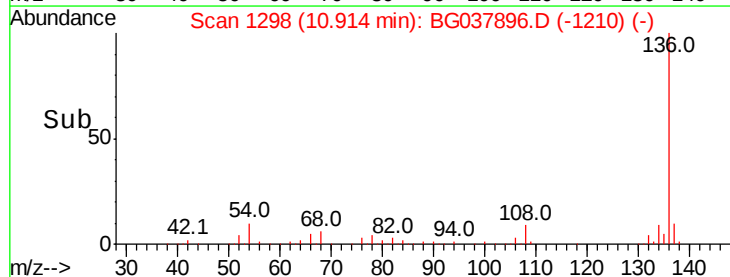
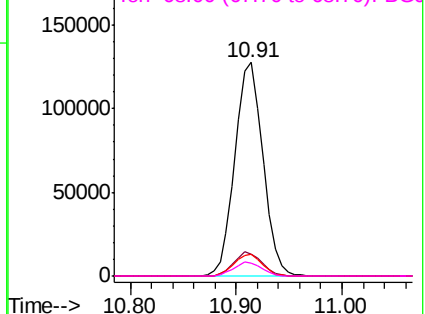
137 10.3 9.6 14.4

54 10.2 7.9 11.9

68 6.3 4.8 7.2



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: 79.944 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BG037896.D

Acq: 8 Nov 2018 21:51

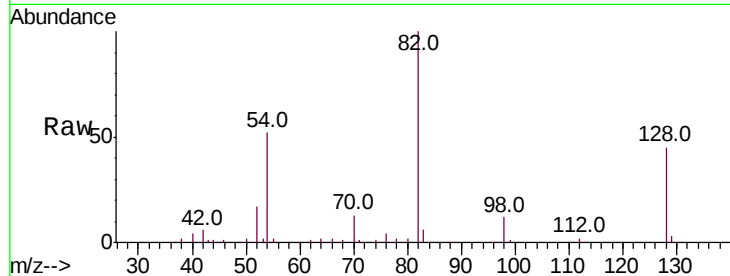
Tot Ion: 82 Resp: 334214

Ion Ratio Lower Upper

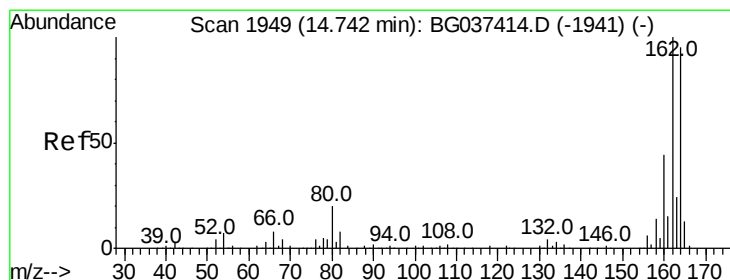
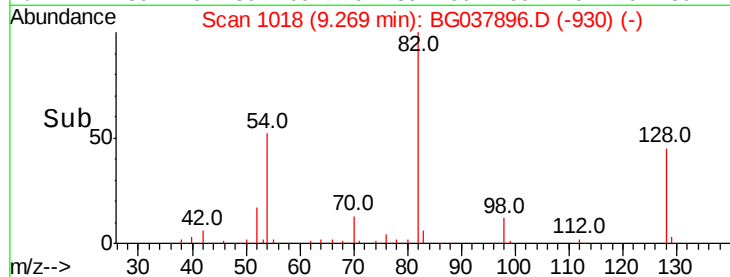
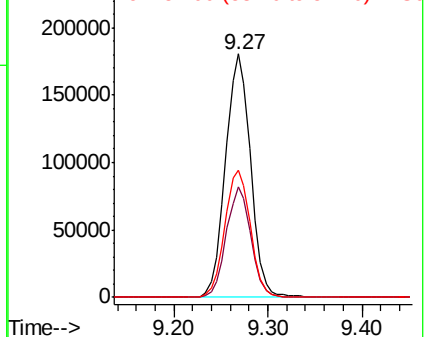
82 100

128 45.4 34.6 51.8

54 52.4 45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037896.D

Acq: 8 Nov 2018 21:51

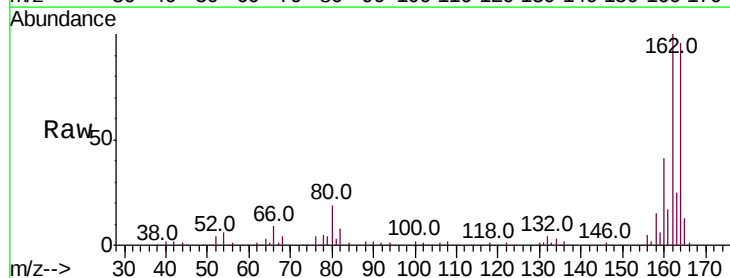
Tgt Ion: 164 Resp: 156741

Ion Ratio Lower Upper

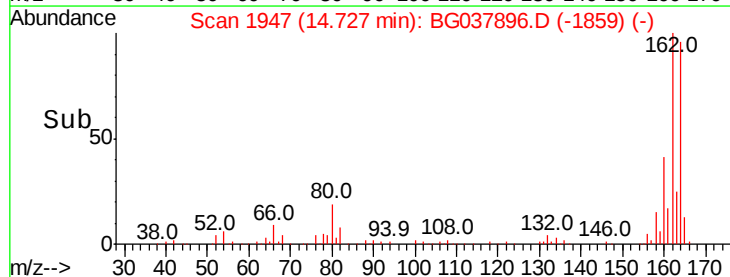
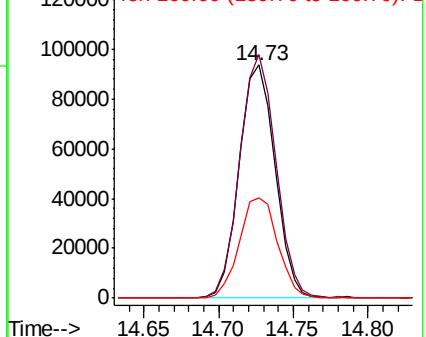
164 100

162 104.5 81.3 121.9

160 42.9 36.3 54.5



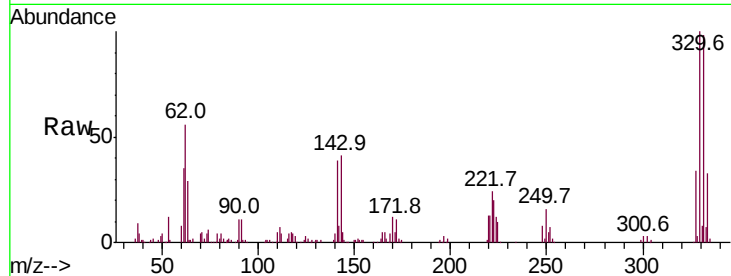
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42
 2,4,6-Tribromophenol
 Concen: 109.149 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037896.D
 Acq: 8 Nov 2018 21:51

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.4	117.6
141	38.2	32.2	48.2

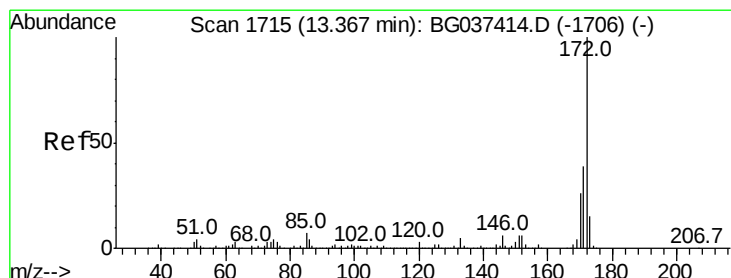
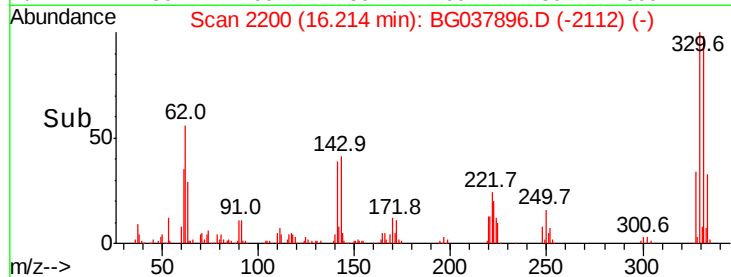
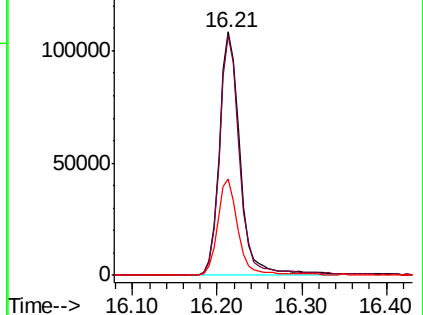


Abundance

Ion 329.80 (329.50 to 330.50): E

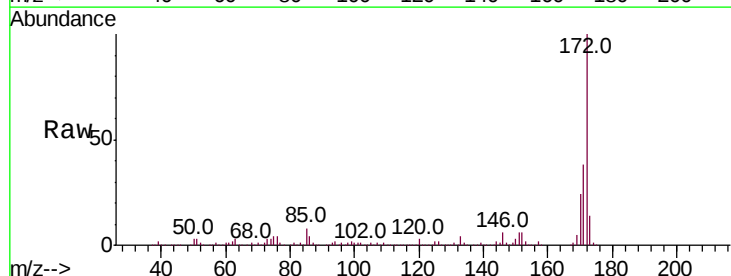
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.887 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037896.D
 Acq: 8 Nov 2018 21:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	23.8	20.2	30.2

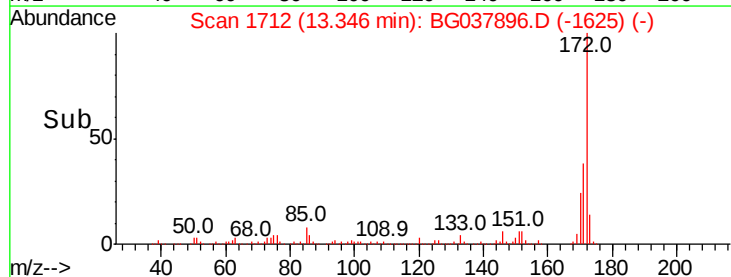
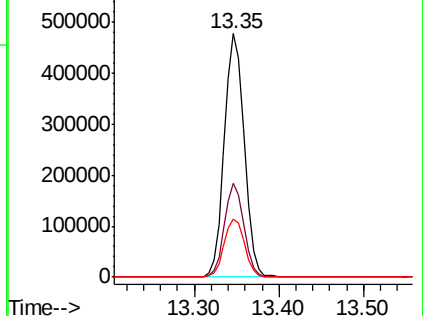


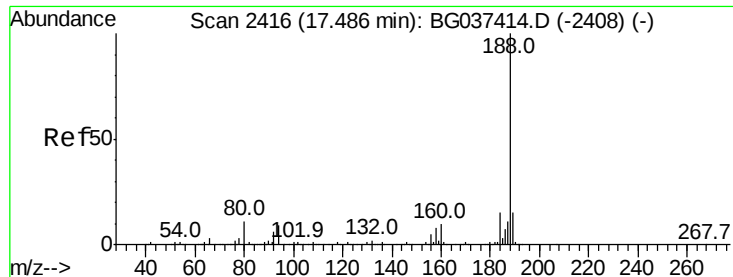
Abundance

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. -0.02 min

Lab File: BG037896.D

Acq: 8 Nov 2018 21:51

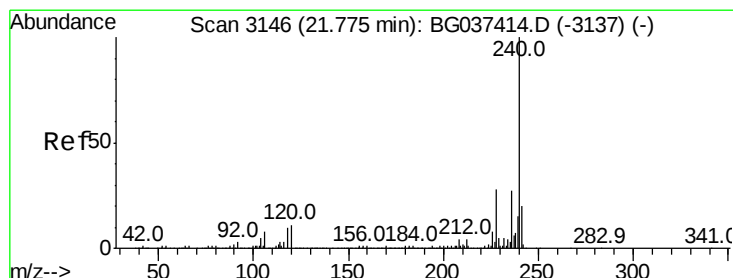
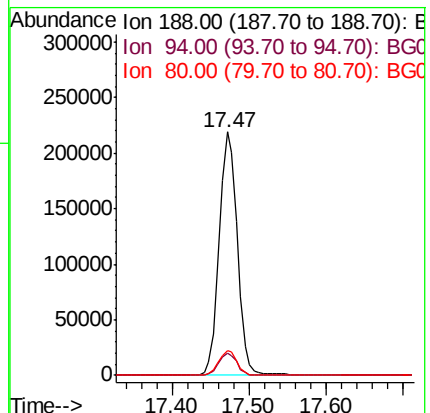
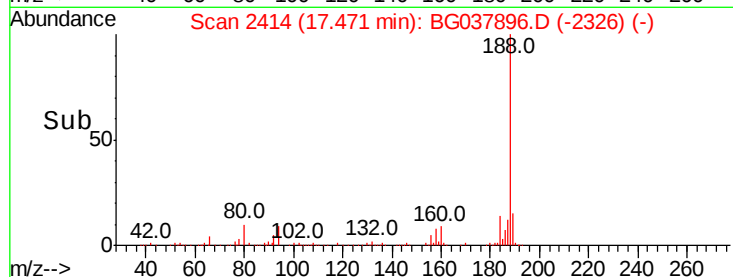
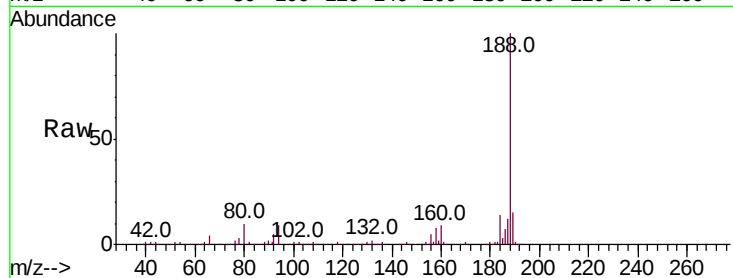
Tot Ion:188 Resp: 355731

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 10.3 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: BG037896.D

Acq: 8 Nov 2018 21:51

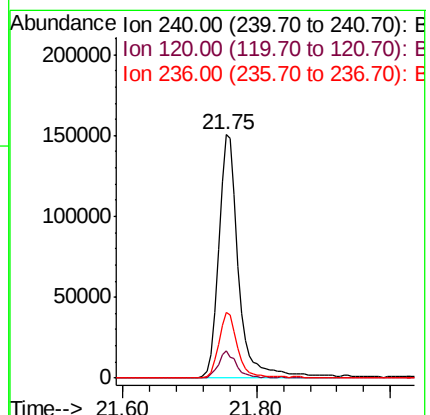
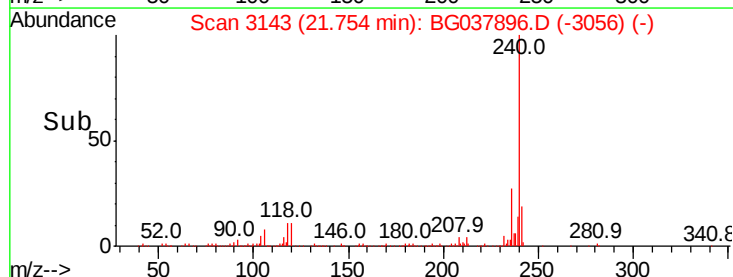
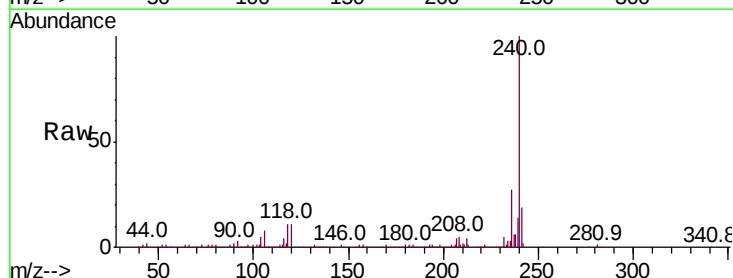
Tgt Ion:240 Resp: 317088

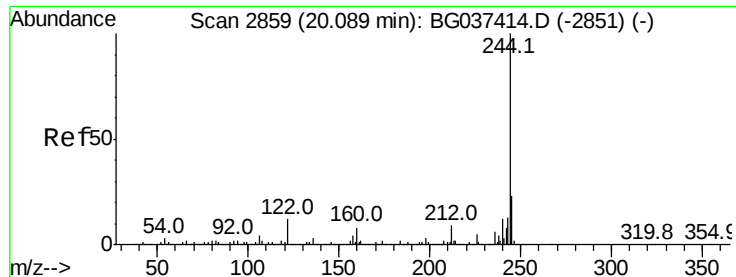
Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

236 26.8 21.4 32.0





#79

Terphenyl-d14

Concen: 81.204 ng

RT: 20.07 min Scan# 2857

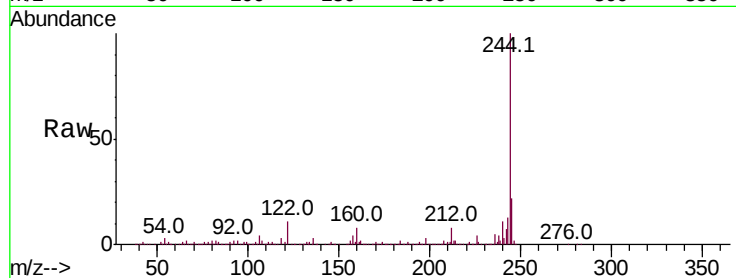
Delta R.T. -0.02 min

Lab File: BG037896.D

Acq: 8 Nov 2018 21:51

Tot Ion:244 Resp: 1205034

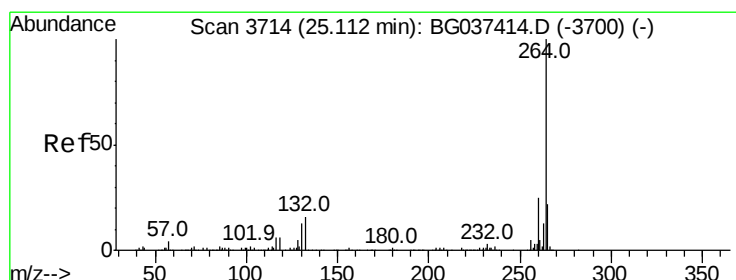
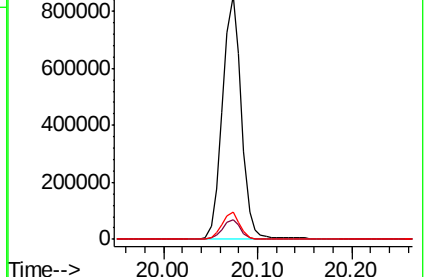
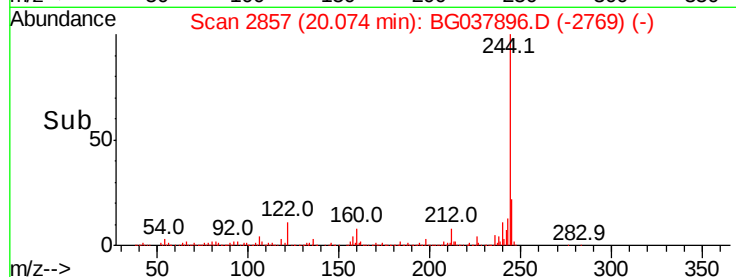
Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.0	9.0	13.4



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

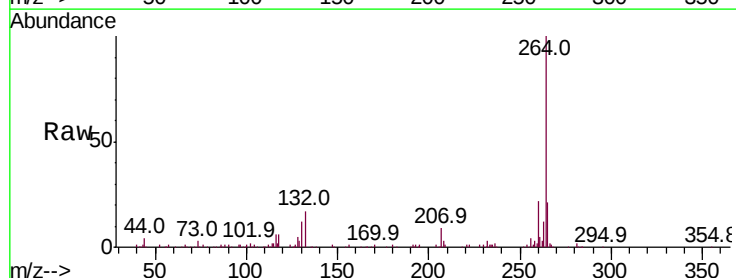
Delta R.T. -0.03 min

Lab File: BG037896.D

Acq: 8 Nov 2018 21:51

Tgt Ion:264 Resp: 253730

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	20.7	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

