

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
 Data File : BG037893.D
 Acq On : 8 Nov 2018 19:54
 Operator : JU/SJ
 Sample : J5762-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 09 14:58:07 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

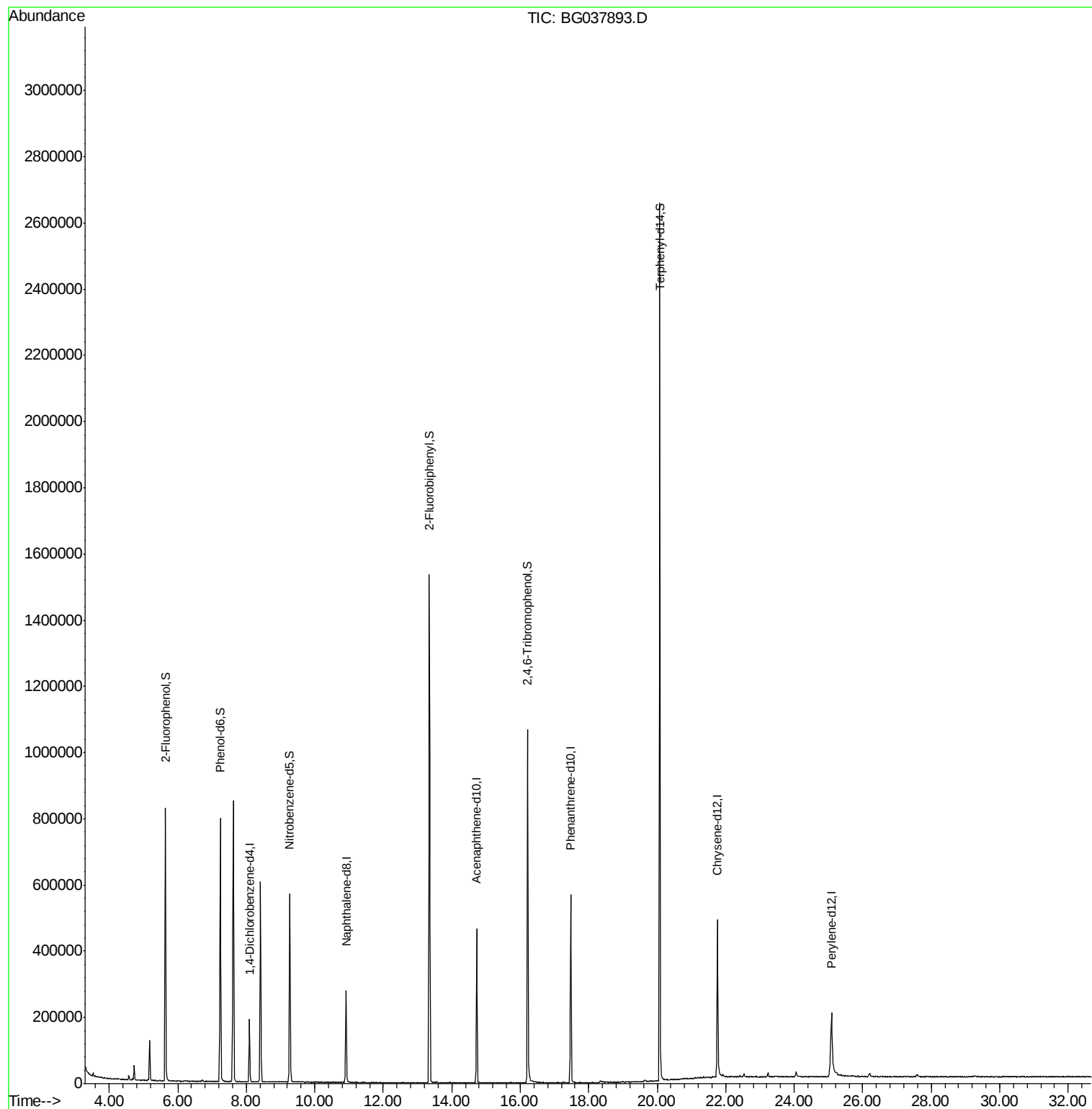
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	56335	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	250464	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	167455	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	376083	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	337147	20.00	ng	-0.02
87) Perylene-d12	25.09	264	278002	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	381023	113.08	ng	0.00
7) Phenol-d6	7.24	99	523328	102.71	ng	0.00
23) Nitrobenzene-d5	9.27	82	361105	80.77	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	209813	114.88	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	845804	76.17	ng	-0.02
79) Terphenyl-d14	20.07	244	1291255	81.84	ng	-0.02

Target Compounds Qvalue

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

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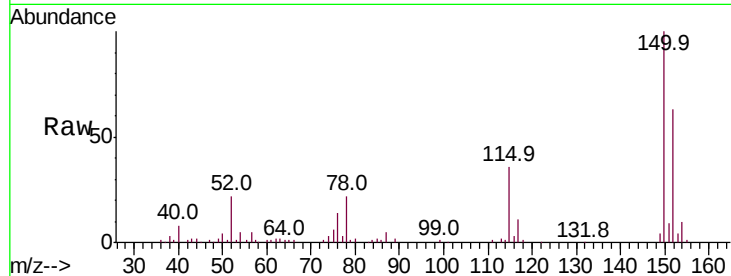




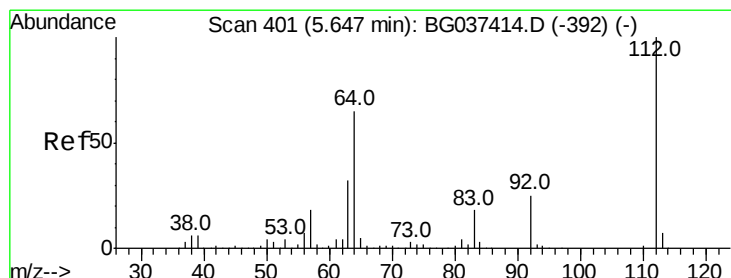
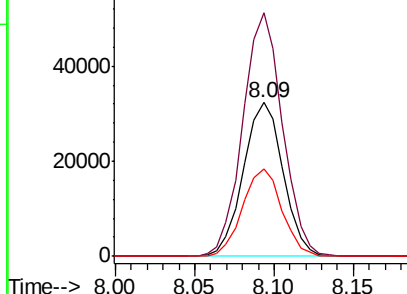
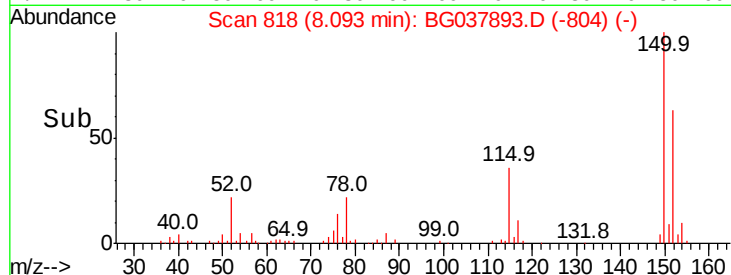
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037893.D
Acq: 8 Nov 2018 19:54

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.0	189.0
115	56.7	45.5	68.3



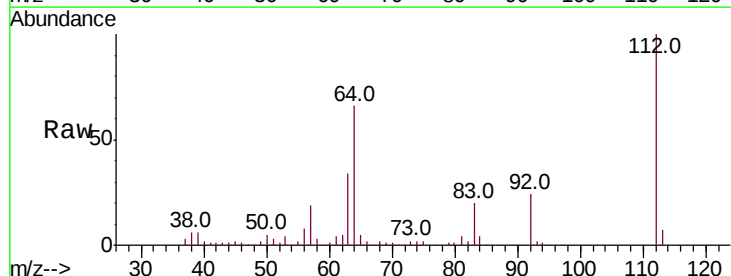
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



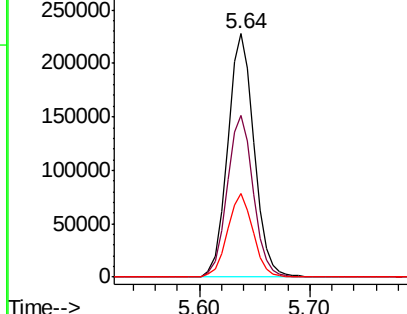
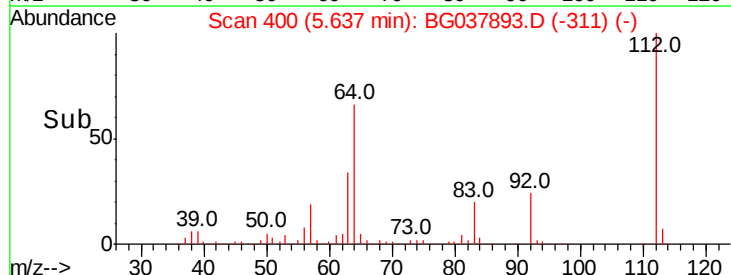
#5

2-Fluorophenol
Concen: 113.076 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037893.D
Acq: 8 Nov 2018 19:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.1	79.7
63	34.2	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: 102.708 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037893.D

Acq: 8 Nov 2018 19:54

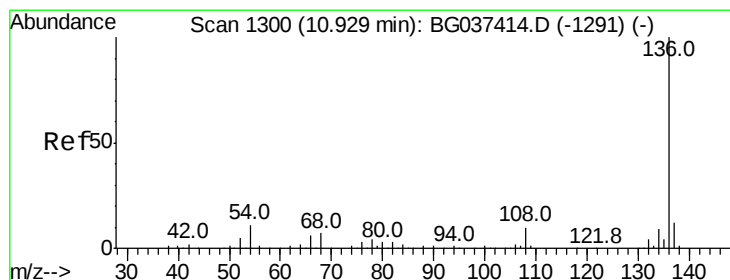
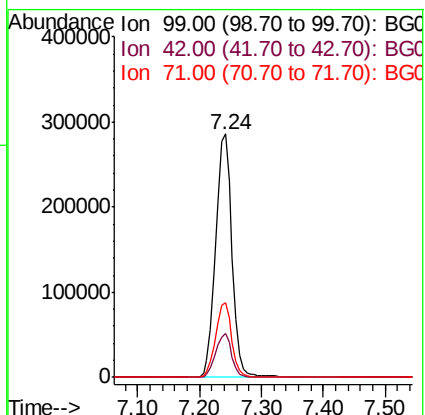
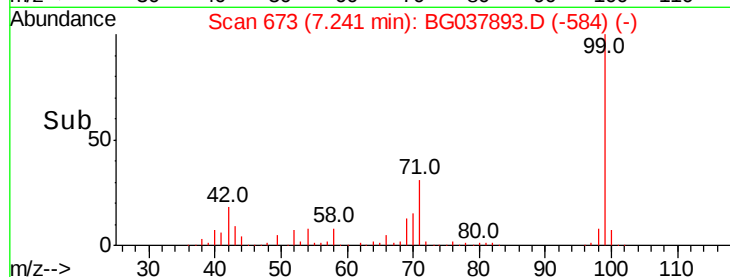
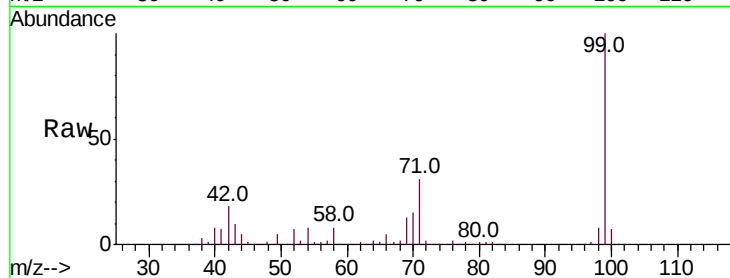
Tot Ion: 99 Resp: 523328

Ion Ratio Lower Upper

99 100

42 17.8 15.0 22.4

71 30.9 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG037893.D

Acq: 8 Nov 2018 19:54

Tgt Ion: 136 Resp: 250464

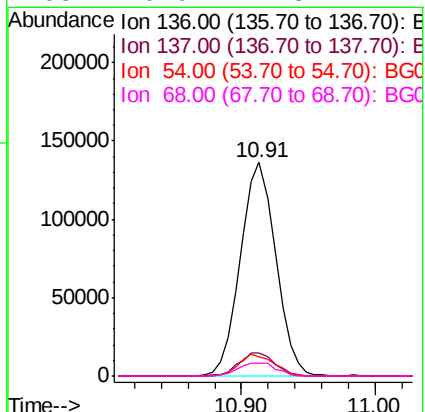
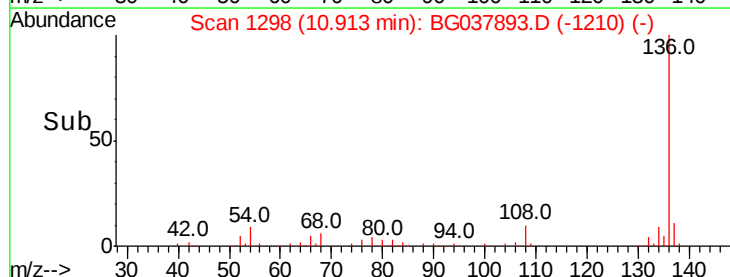
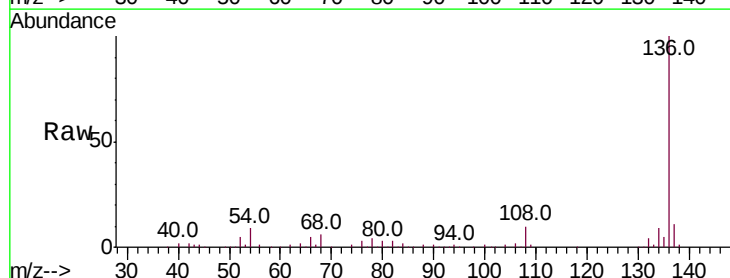
Ion Ratio Lower Upper

136 100

137 10.8 9.6 14.4

54 9.2 7.9 11.9

68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 80.765 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BG037893.D

Acq: 8 Nov 2018 19:54

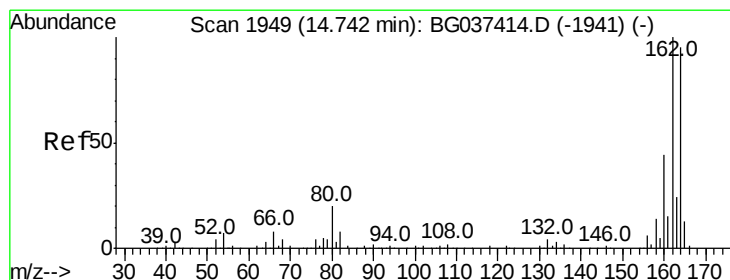
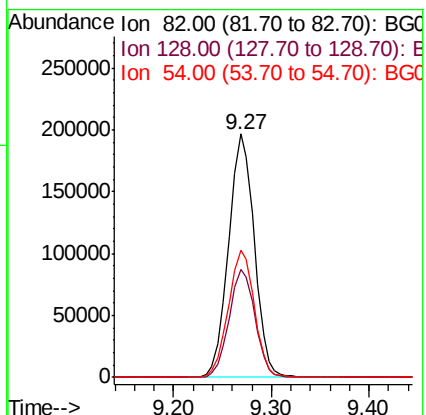
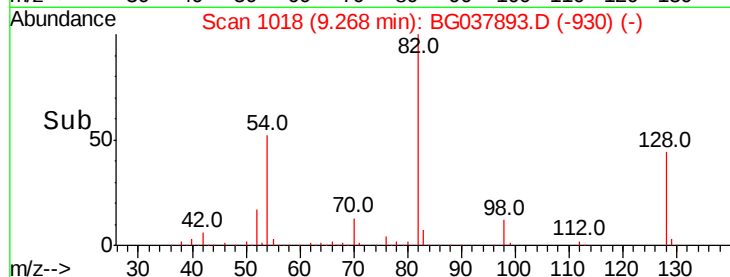
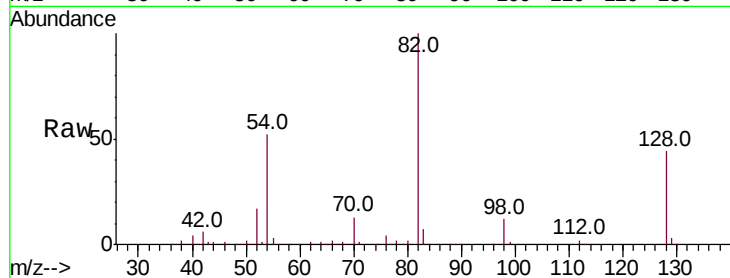
Tot Ion: 82 Resp: 361105

Ion Ratio Lower Upper

82 100

128 44.3 34.6 51.8

54 52.3 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: BG037893.D

Acq: 8 Nov 2018 19:54

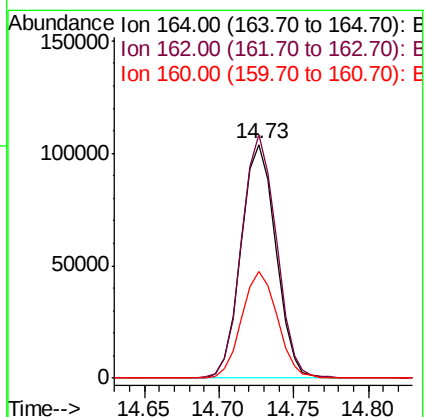
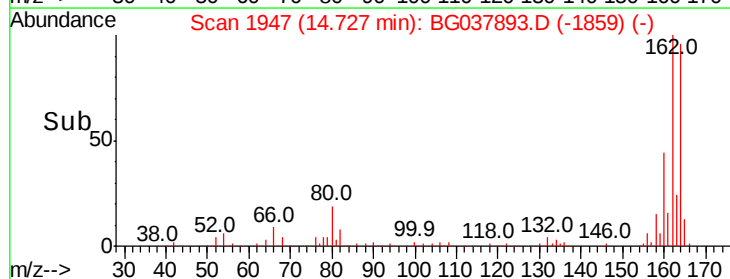
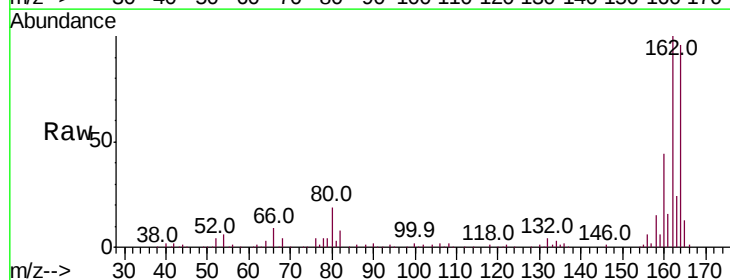
Tgt Ion: 164 Resp: 167455

Ion Ratio Lower Upper

164 100

162 104.3 81.3 121.9

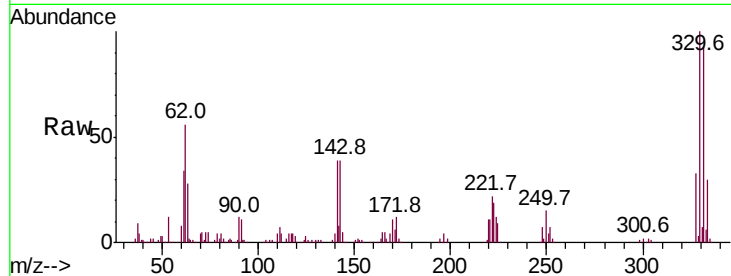
160 45.9 36.3 54.5



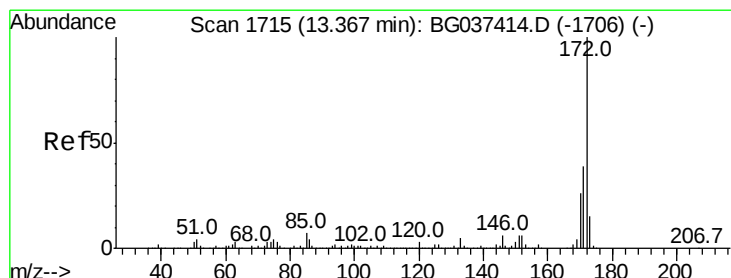
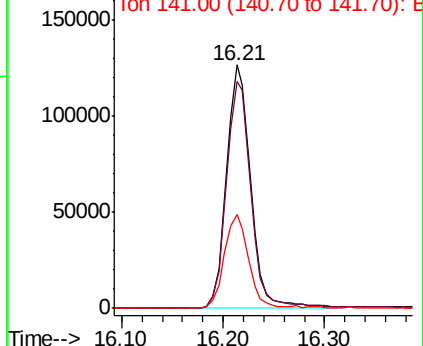
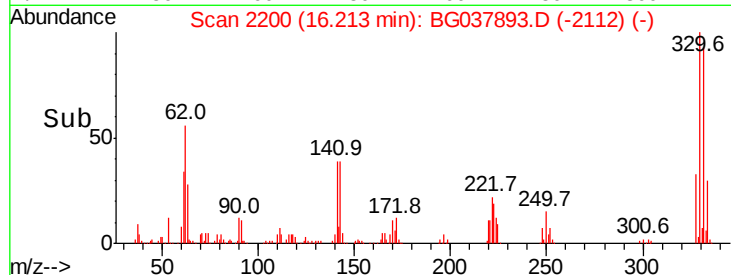


#42
 2,4,6-Tribromophenol
 Concen: 114.877 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037893.D
 Acq: 8 Nov 2018 19:54

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	39.2	32.2	48.2

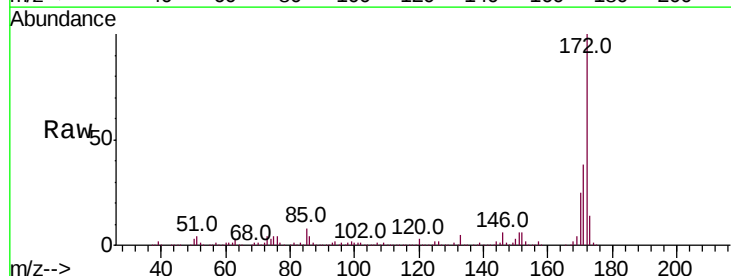


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

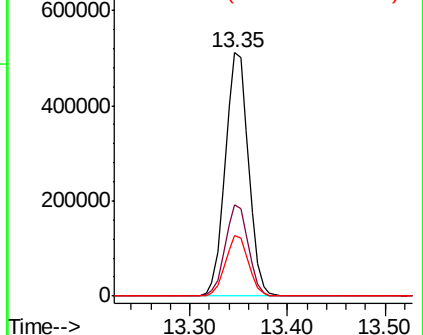
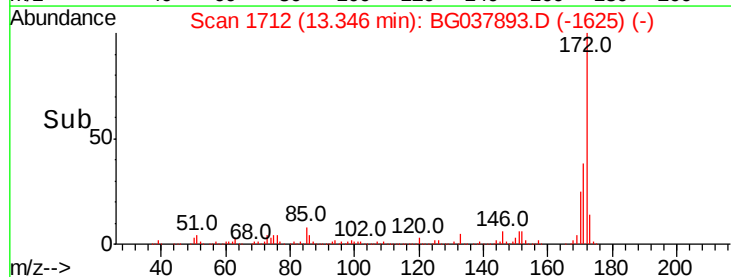


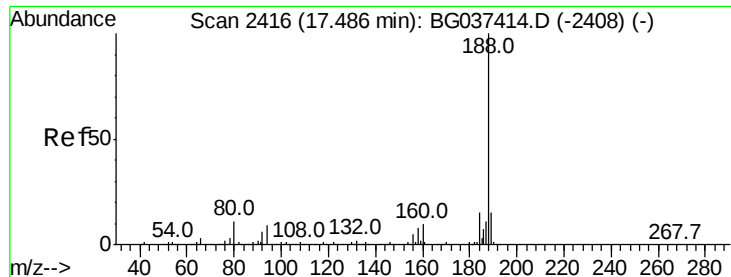
#45
 2-Fluorobiphenyl
 Concen: 76.165 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037893.D
 Acq: 8 Nov 2018 19:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	24.8	20.2	30.2



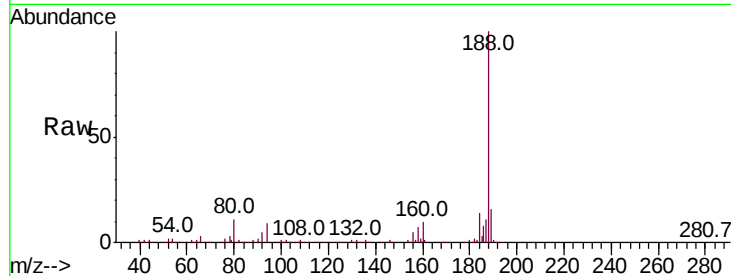
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



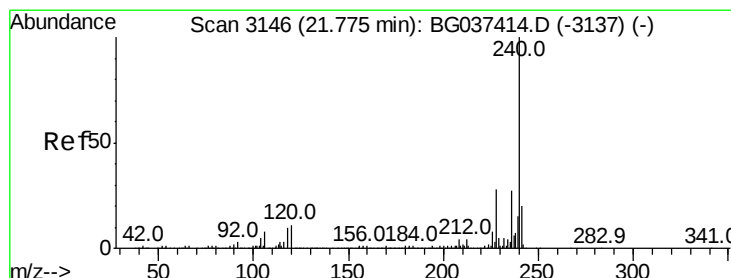
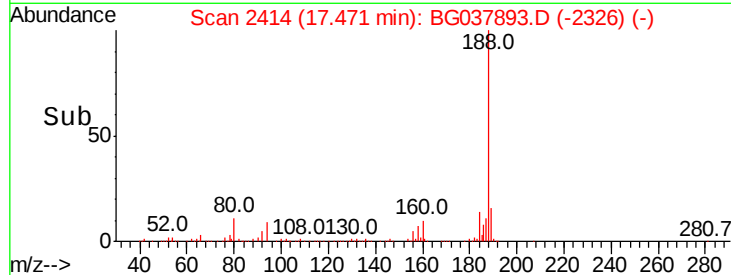
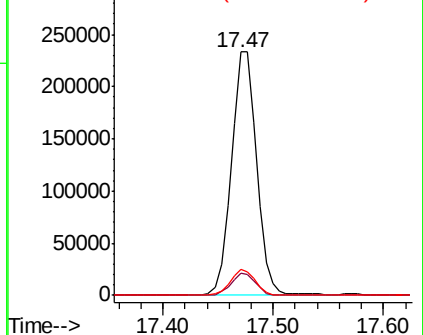


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG037893.D
Acq: 8 Nov 2018 19:54

Tot Ion:188 Resp: 376083
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.7 7.7 11.5

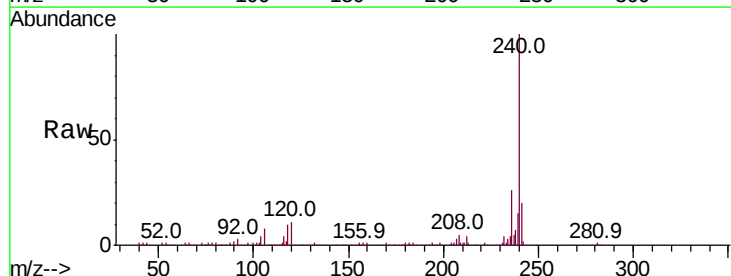


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

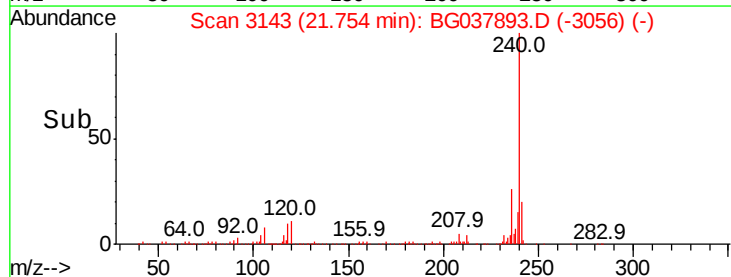
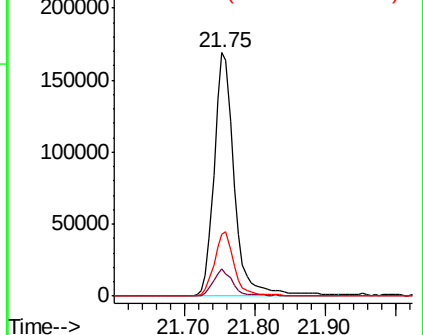


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037893.D
Acq: 8 Nov 2018 19:54

Tgt Ion:240 Resp: 337147
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 25.5 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

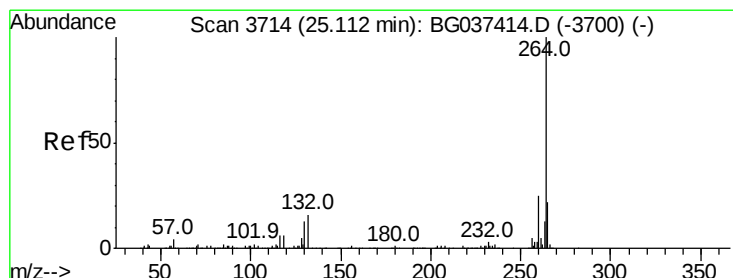
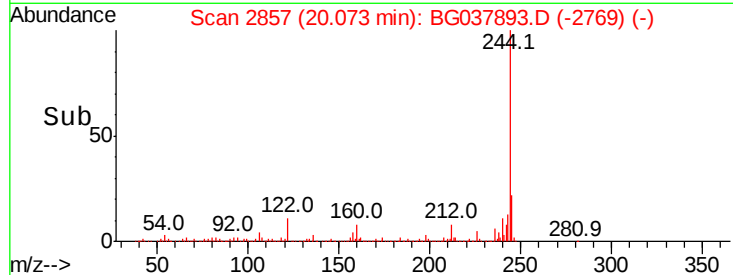
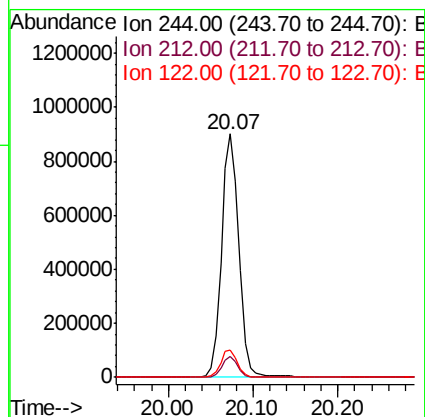
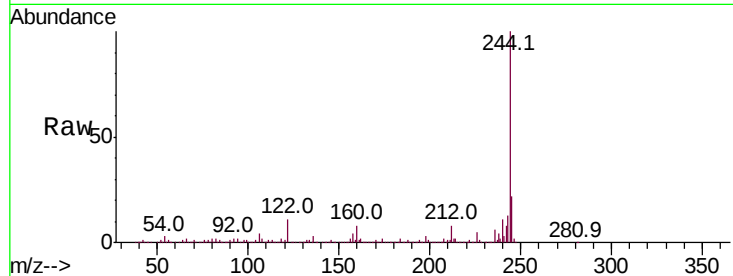




#79
 Terphenyl-d14
 Concen: 81.837 ng
 RT: 20.07 min Scan# 2857
 Delta R.T. -0.02 min
 Lab File: BG037893.D
 Acq: 8 Nov 2018 19:54

Tot Ion:244 Resp: 1291255

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.2	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3710
 Delta R.T. -0.03 min
 Lab File: BG037893.D
 Acq: 8 Nov 2018 19:54

Tgt Ion:264 Resp: 278002

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.9	17.9	26.9

