

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037811.D
 Acq On : 5 Nov 2018 20:23
 Operator : JU/SJ
 Sample : J5759-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Nov 06 04:52:54 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	63323	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	287951	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	188313	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	416134	20.00	ng	0.00
76) Chrysene-d12	21.76	240	364145	20.00	ng	-0.02
87) Perylene-d12	25.09	264	300633	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	437148	115.42	ng	0.00
7) Phenol-d6	7.24	99	568851	99.32	ng	0.00
23) Nitrobenzene-d5	9.27	82	433377	84.31	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	207814	101.18	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1057934	84.72	ng	-0.02
79) Terphenyl-d14	20.07	244	1451209	85.16	ng	-0.02

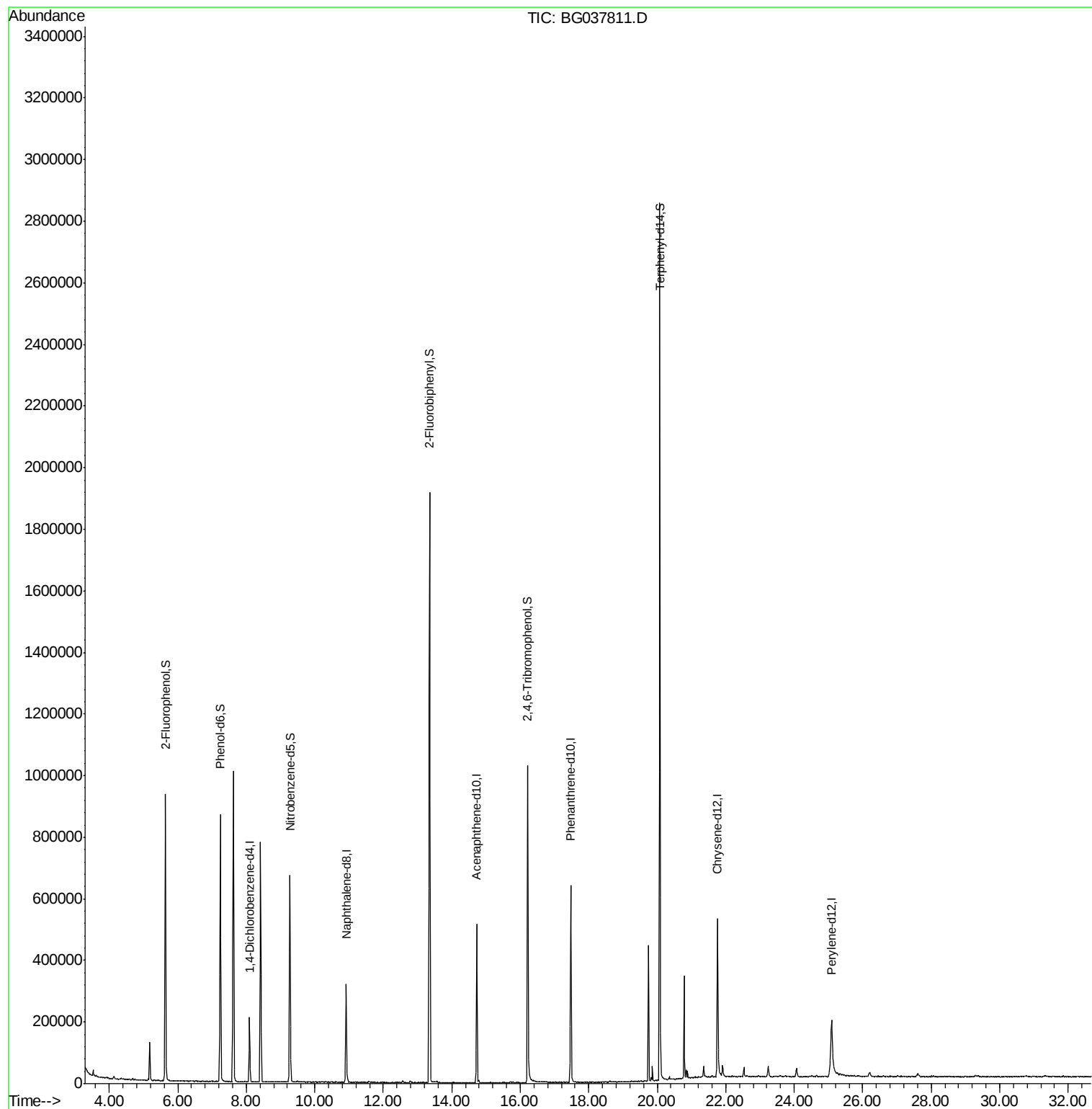
Target Compounds Qvalue

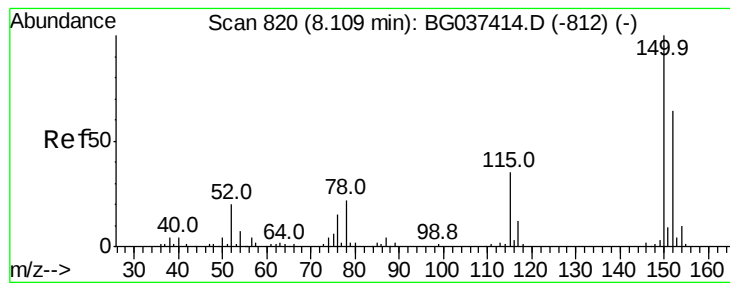
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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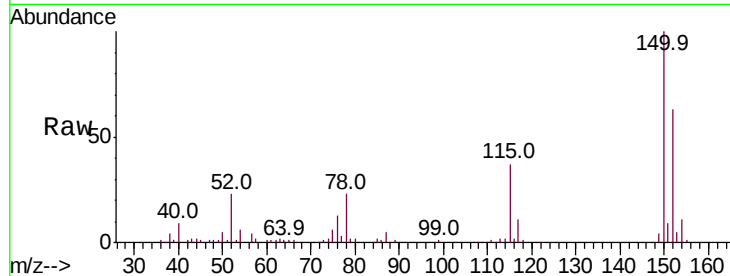


#1

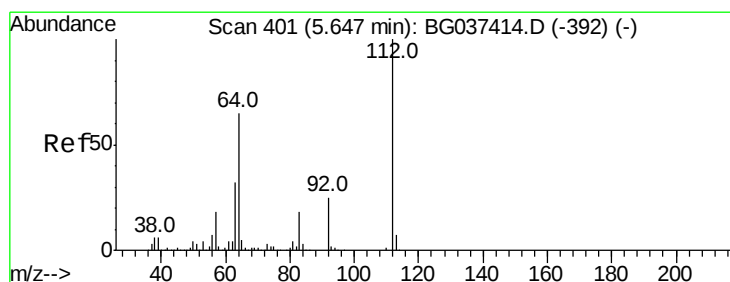
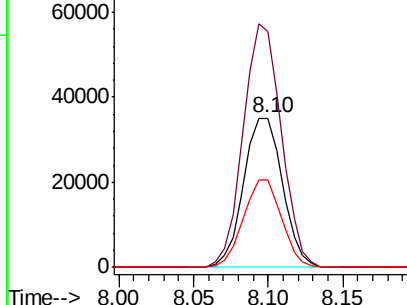
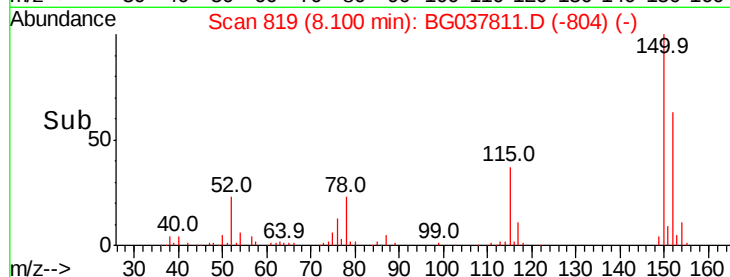
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037811.D
Acq: 5 Nov 2018 20:23

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:152 Resp: 63323
Ion Ratio Lower Upper
152 100
150 158.0 126.0 189.0
115 58.4 45.5 68.3



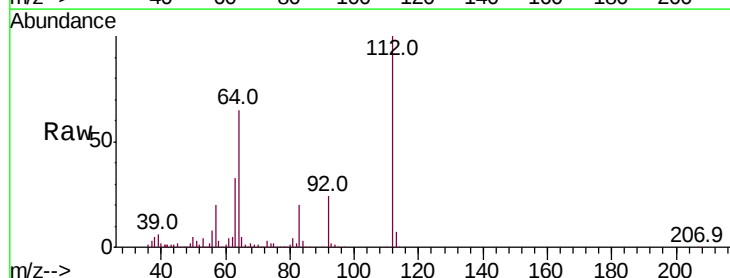
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



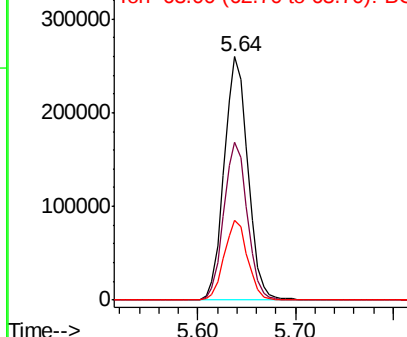
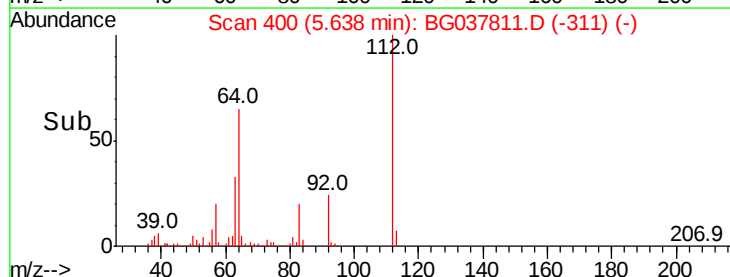
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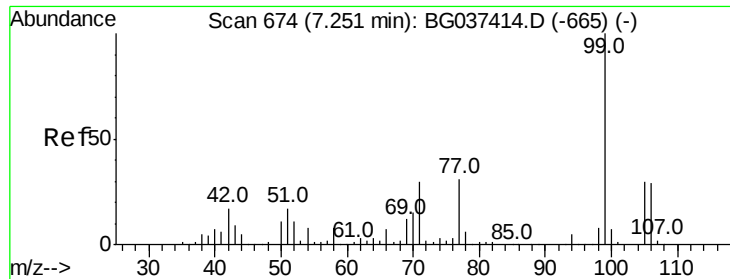
2-Fluorophenol
Concen: 115.416 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037811.D
Acq: 5 Nov 2018 20:23

Tgt Ion:112 Resp: 437148
Ion Ratio Lower Upper
112 100
64 64.8 53.1 79.7
63 32.8 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: 99.322 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037811.D

Acq: 5 Nov 2018 20:23

Instrument :

BNA_G

ClientSampleId :

TP-2

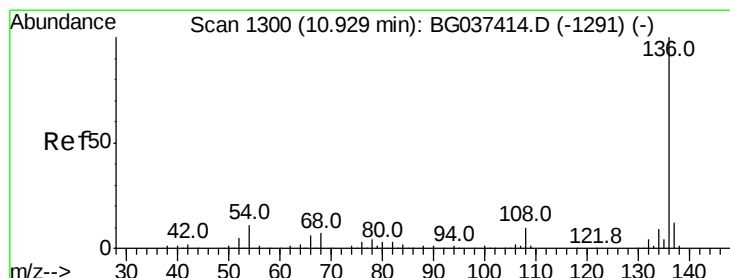
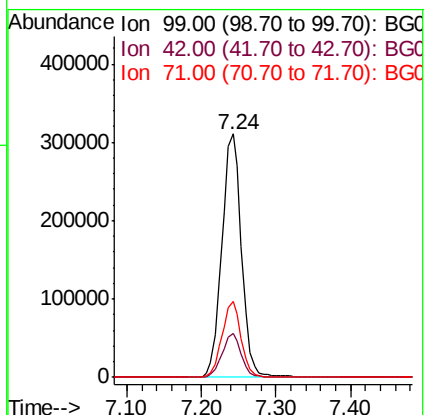
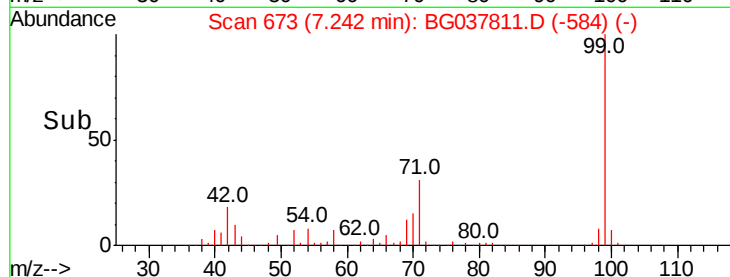
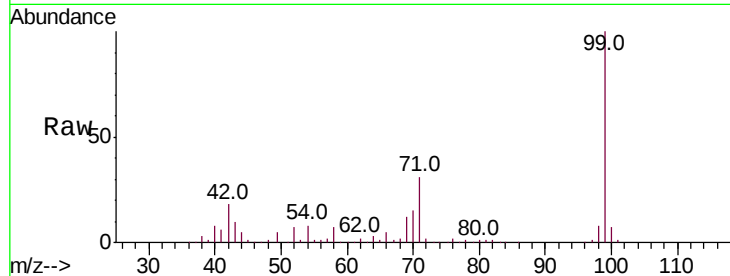
Tot Ion: 99 Resp: 568851

Ion Ratio Lower Upper

99 100

42 18.0 15.0 22.4

71 31.2 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: BG037811.D

Acq: 5 Nov 2018 20:23

Tgt Ion: 136 Resp: 287951

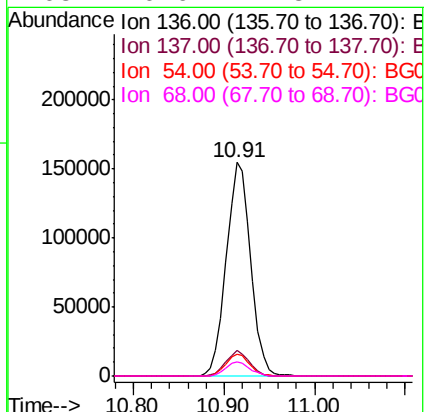
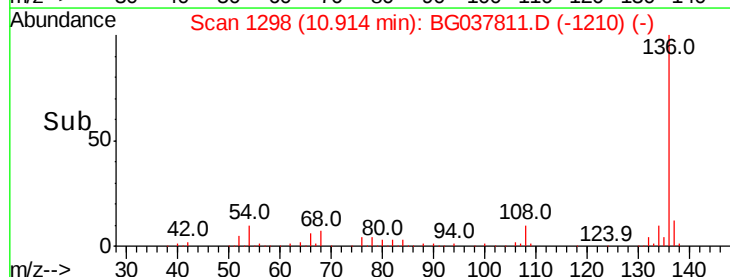
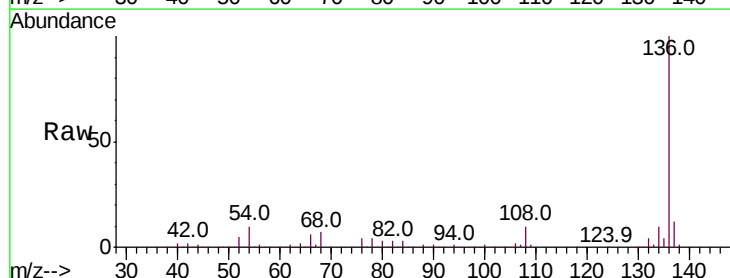
Ion Ratio Lower Upper

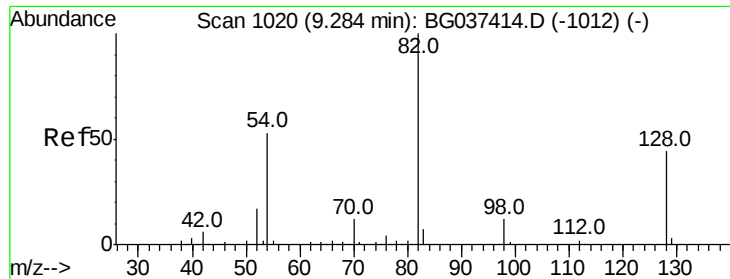
136 100

137 12.2 9.6 14.4

54 9.9 7.9 11.9

68 6.6 4.8 7.2

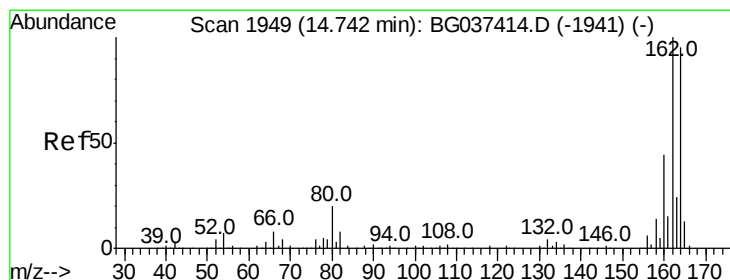
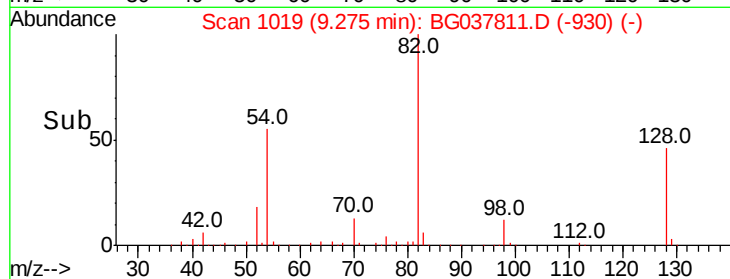
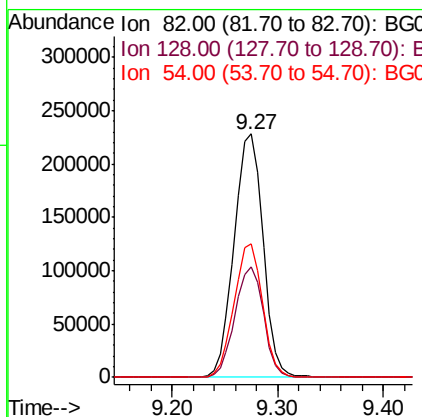
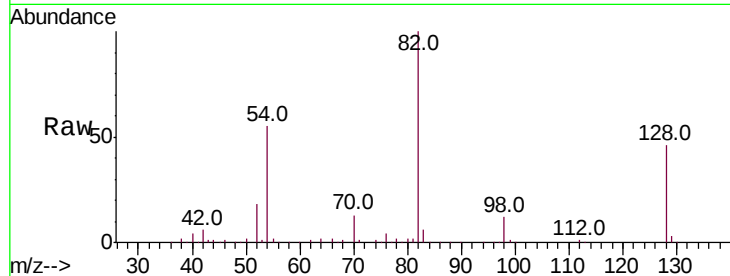




#23
 Nitrobenzene-d5
 Concen: 84.311 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037811.D
 Acq: 5 Nov 2018 20:23

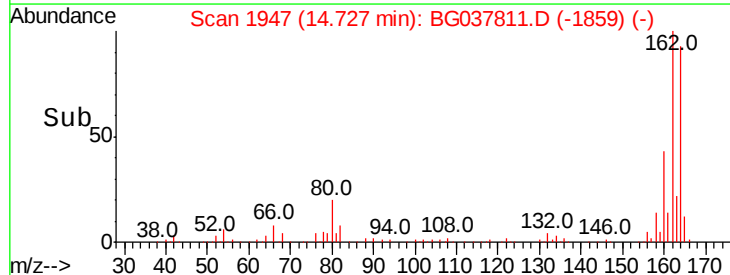
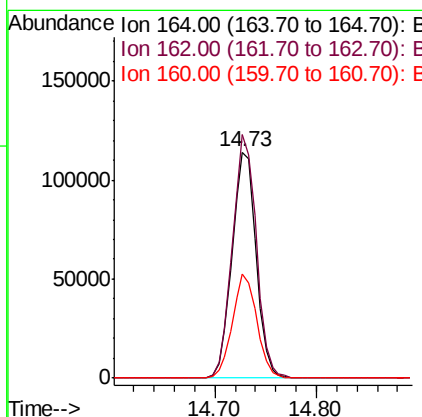
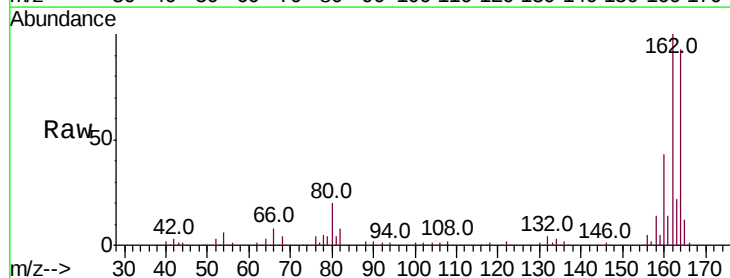
Instrument :
 BNA_G
 ClientSampleID :
 TP-2

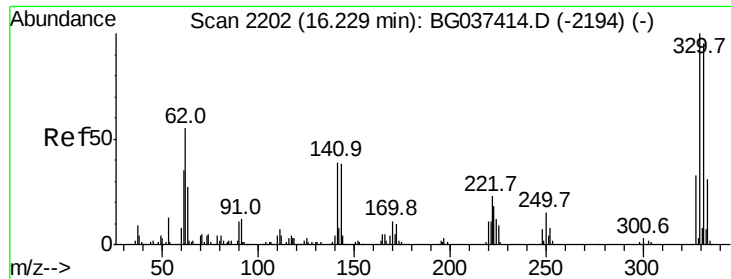
Tot Ion	82	Resp	433377
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.6	51.8
54	54.8	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG037811.D
 Acq: 5 Nov 2018 20:23

Tgt Ion	164	Resp	188313
Ion Ratio	Lower	Upper	
164	100		
162	107.6	81.3	121.9
160	45.8	36.3	54.5

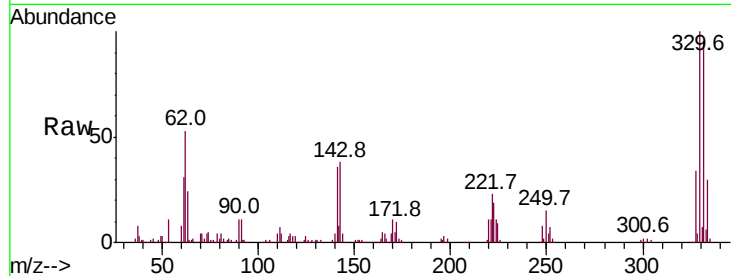




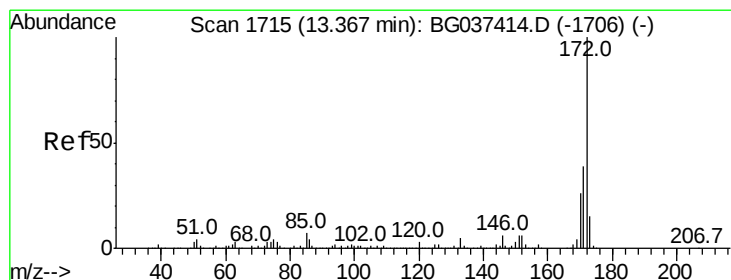
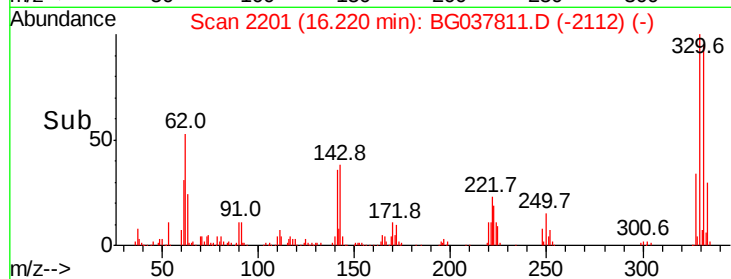
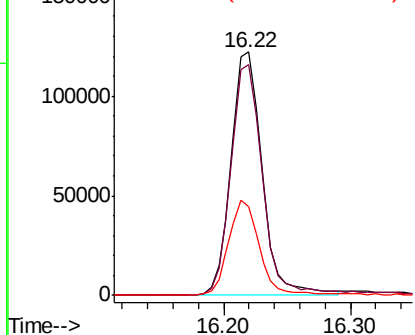
#42
 2,4,6-Tribromophenol
 Concen: 101.180 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037811.D
 Acq: 5 Nov 2018 20:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.4	117.6
141	39.3	32.2	48.2

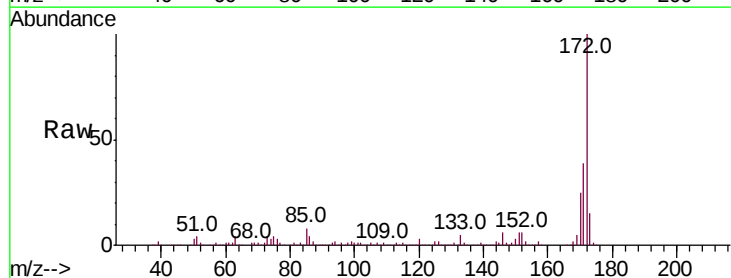


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

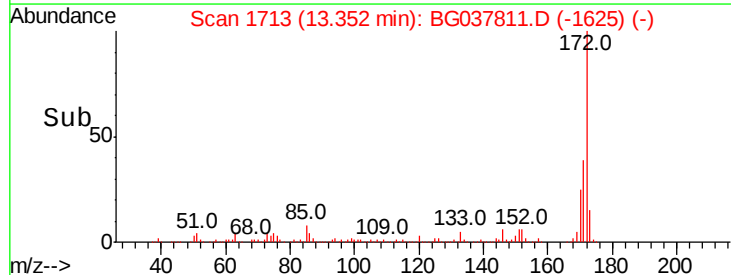
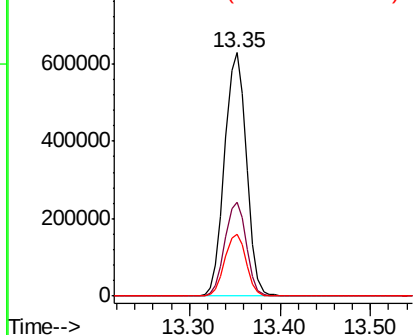


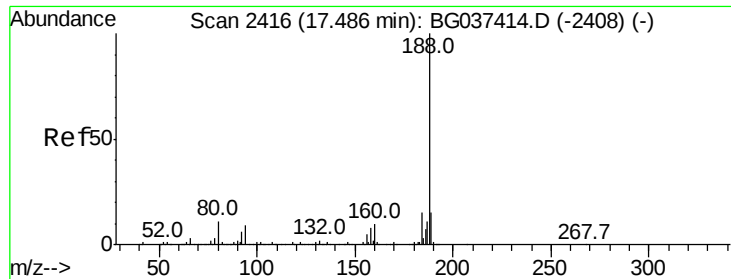
#45
 2-Fluorobiphenyl
 Concen: 84.716 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037811.D
 Acq: 5 Nov 2018 20:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.3	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

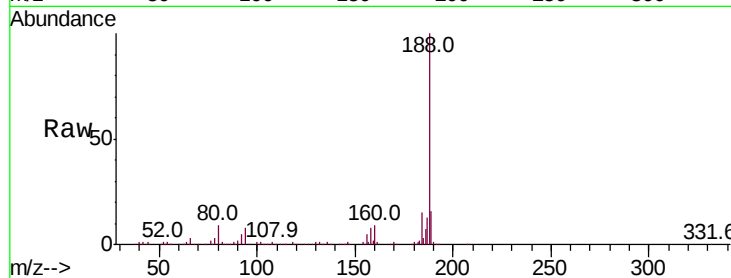




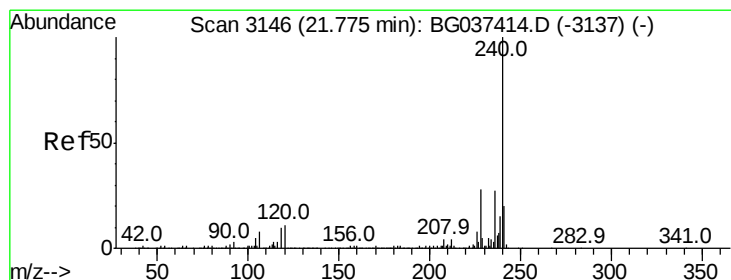
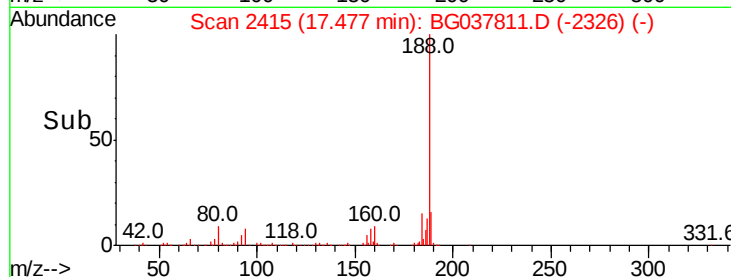
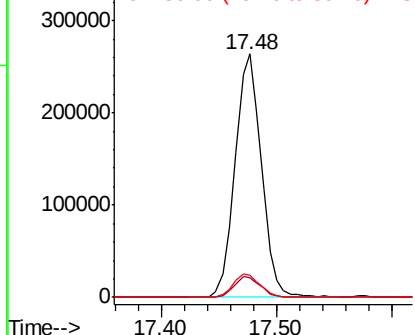
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037811.D
 Acq: 5 Nov 2018 20:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.1	7.7	11.5

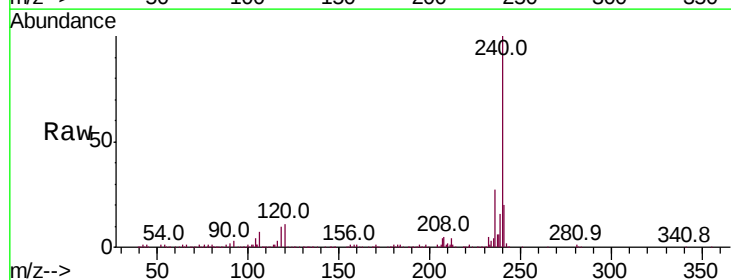


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

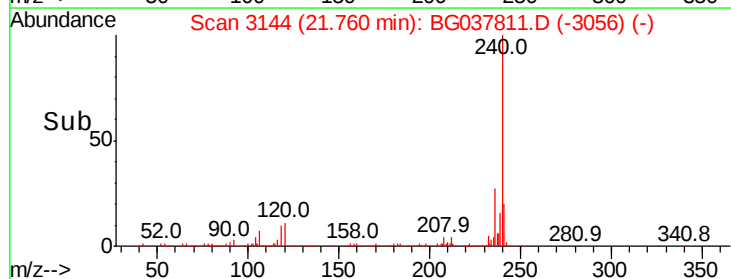
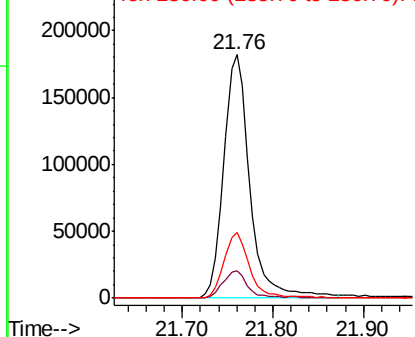


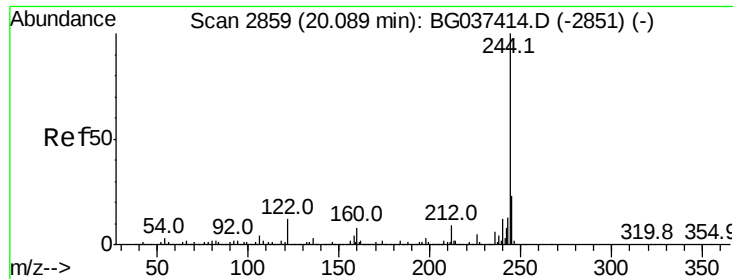
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG037811.D
 Acq: 5 Nov 2018 20:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	26.8	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: 85.155 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037811.D

Acq: 5 Nov 2018 20:23

Instrument :

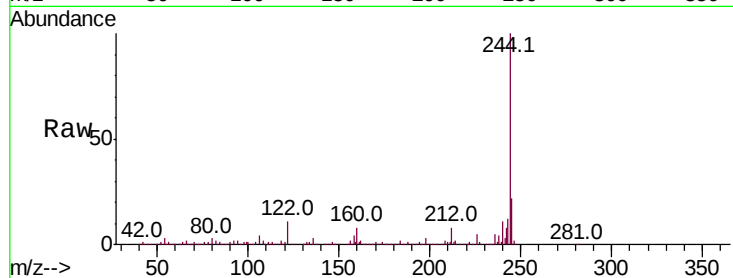
BNA_G

ClientSampleId :

TP-2

Tot Ion:244 Resp: 1451209

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.4	9.0	13.4

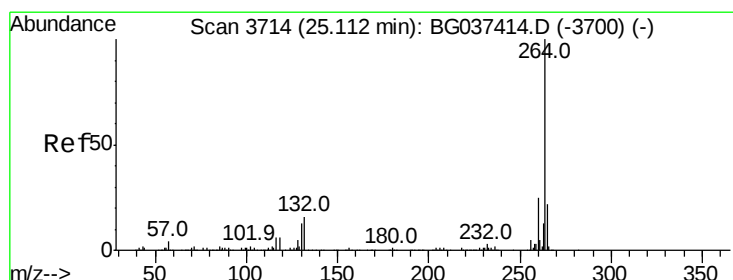
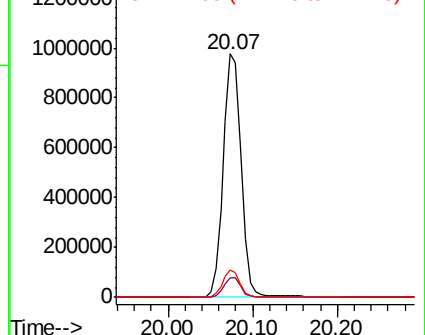
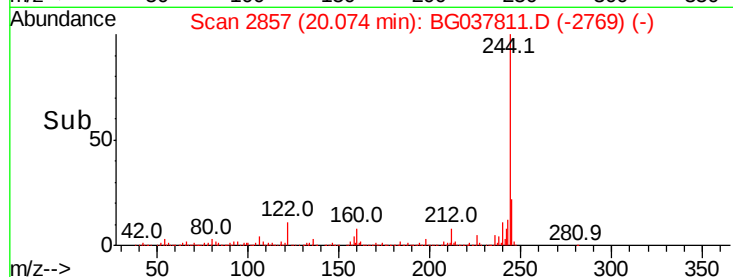


Abundance

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: 25.09 min Scan# 3711

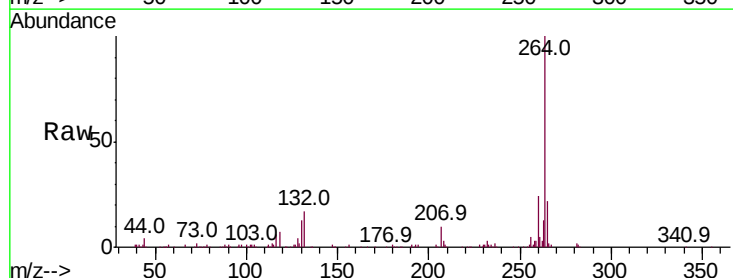
Delta R.T. -0.02 min

Lab File: BG037811.D

Acq: 5 Nov 2018 20:23

Tgt Ion:264 Resp: 300633

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.8	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

