

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037931.D
 Acq On : 9 Nov 2018 21:54
 Operator : JU/SJ
 Sample : J5884-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-S

Quant Time: Nov 12 07:11:38 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	51511	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	235764	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	157587	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	345096	20.00	ng	0.00
76) Chrysene-d12	21.76	240	292695	20.00	ng	-0.02
87) Perylene-d12	25.09	264	217624	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	343927	111.63	ng	0.00
7) Phenol-d6	7.24	99	454195	97.49	ng	0.00
23) Nitrobenzene-d5	9.27	82	344726	81.91	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	166559	96.91	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	792752	75.86	ng	-0.02
79) Terphenyl-d14	20.07	244	1227615	89.62	ng	-0.02

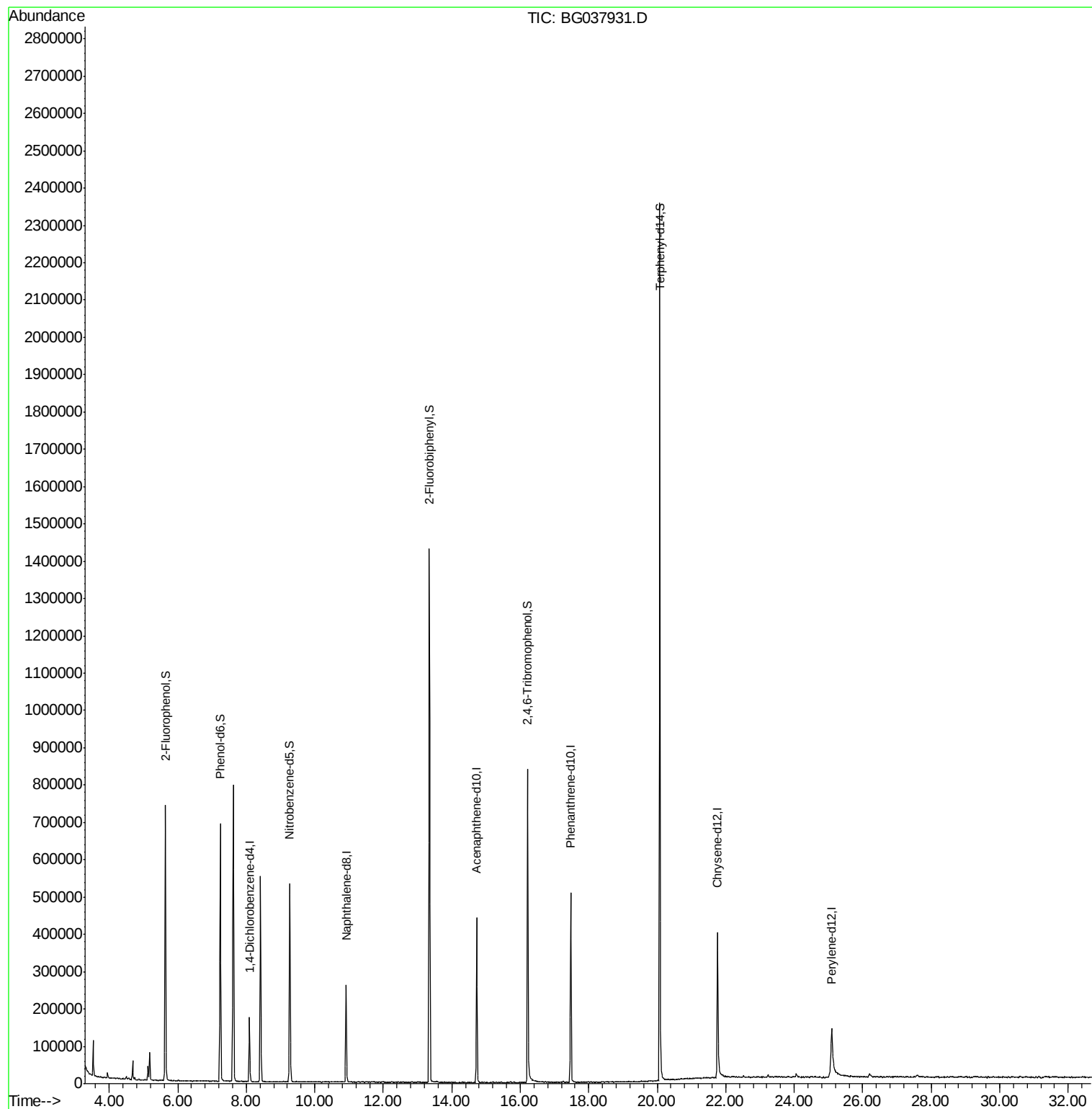
Target Compounds Qvalue

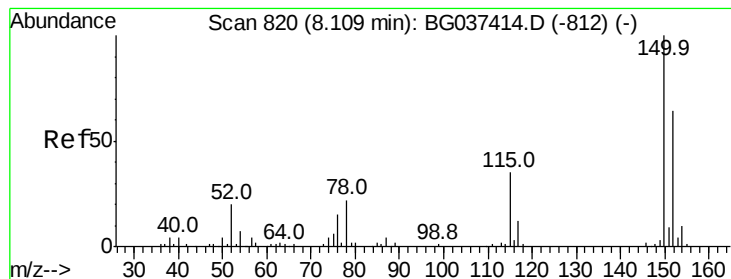
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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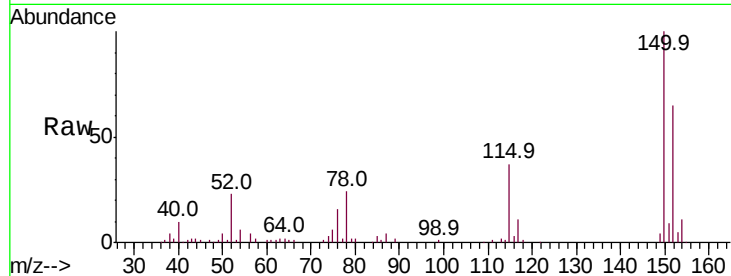


#1

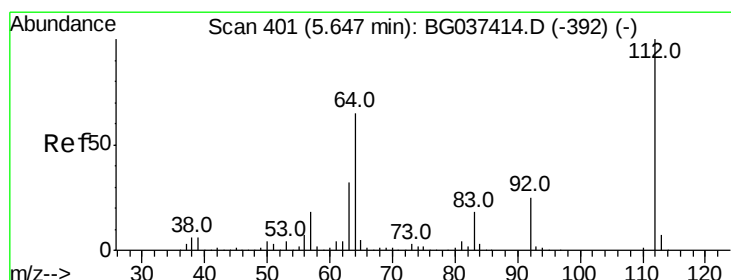
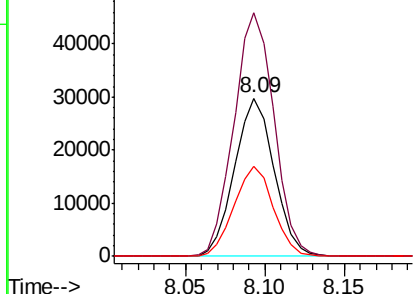
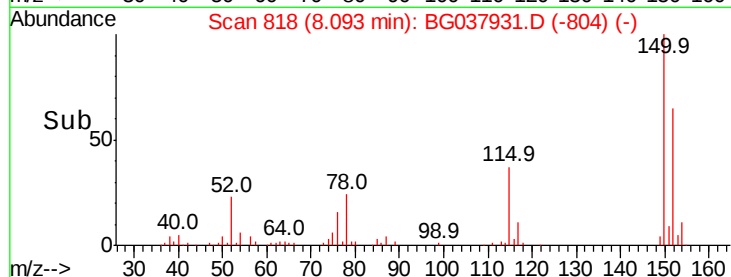
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037931.D
Acq: 9 Nov 2018 21:54

Instrument :
BNA_G
ClientSampleId :
TP-7-S

Tot Ion:152 Resp: 51511
Ion Ratio Lower Upper
152 100
150 154.0 126.0 189.0
115 56.6 45.5 68.3



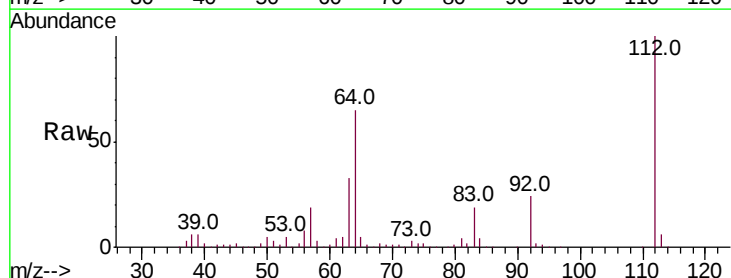
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



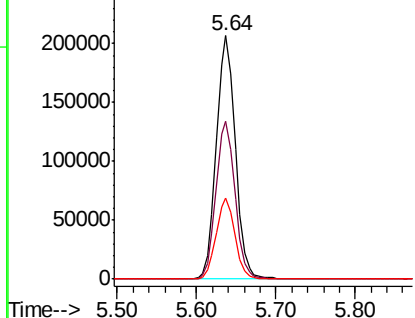
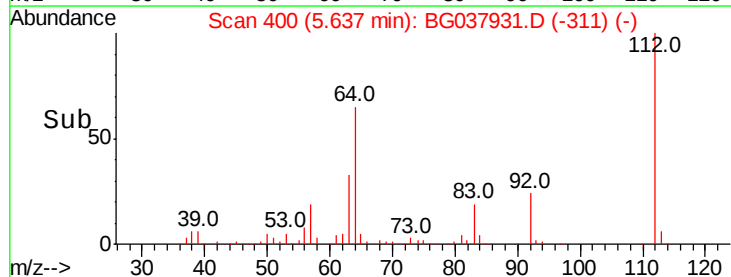
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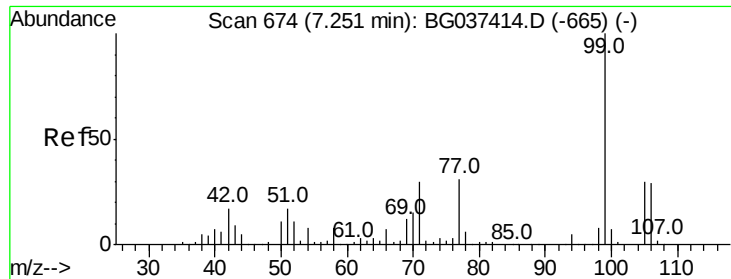
2-Fluorophenol
Concen: 111.626 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037931.D
Acq: 9 Nov 2018 21:54

Tgt Ion:112 Resp: 343927
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 33.3 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: 97.488 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037931.D

Acq: 9 Nov 2018 21:54

Instrument :

BNA_G

ClientSampleId :

TP-7-S

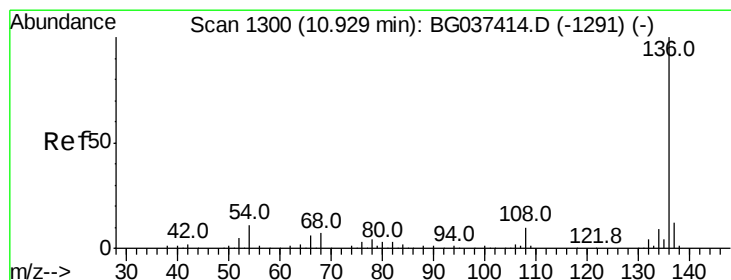
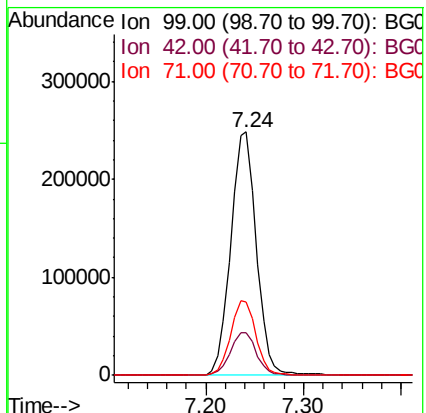
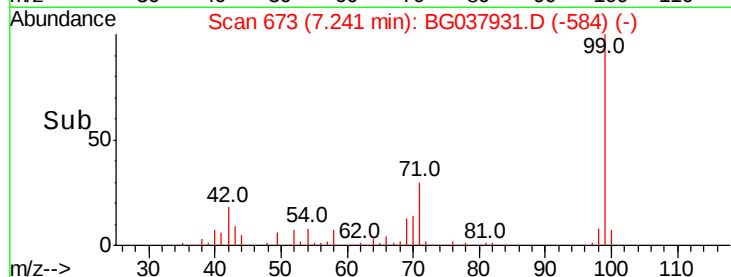
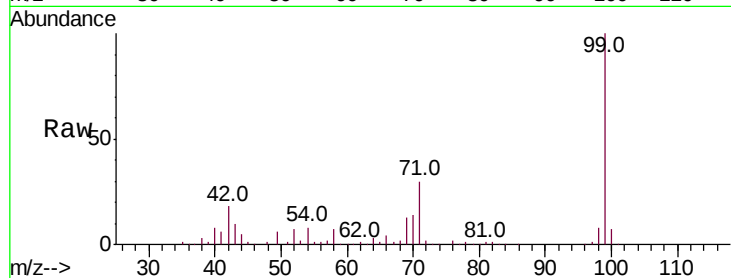
Tot Ion: 99 Resp: 454195

Ion Ratio Lower Upper

99 100

42 17.7 15.0 22.4

71 30.0 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: BG037931.D

Acq: 9 Nov 2018 21:54

Tgt Ion: 136 Resp: 235764

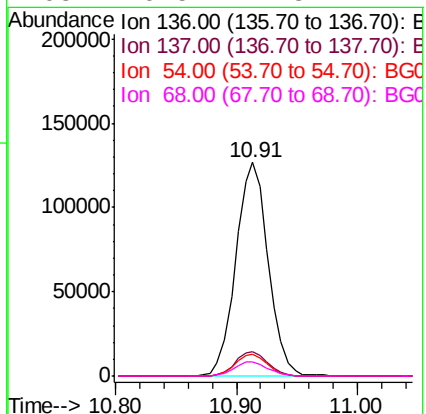
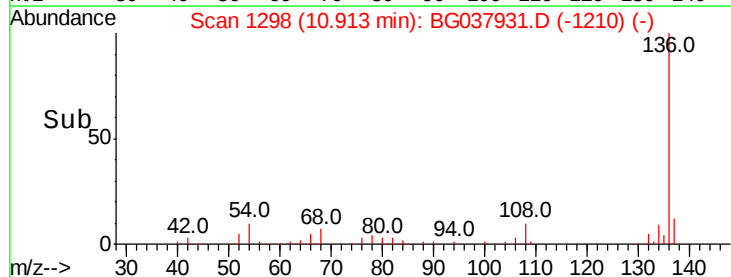
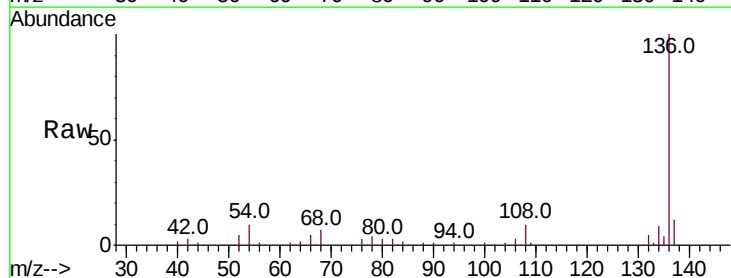
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 10.2 7.9 11.9

68 6.5 4.8 7.2

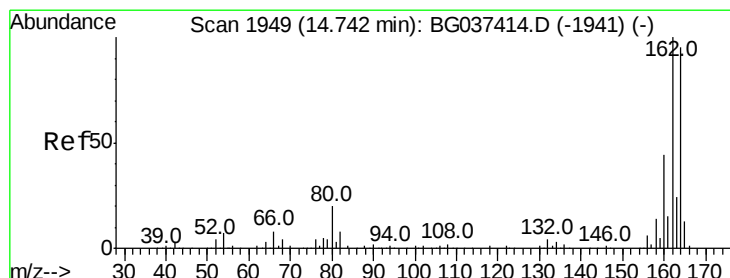
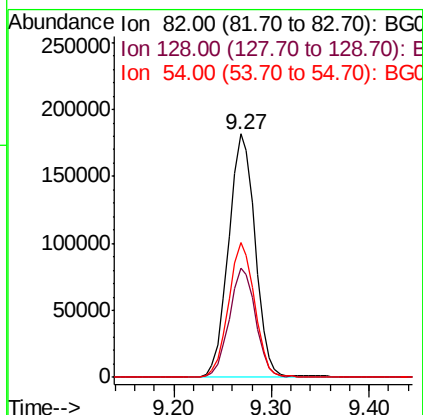
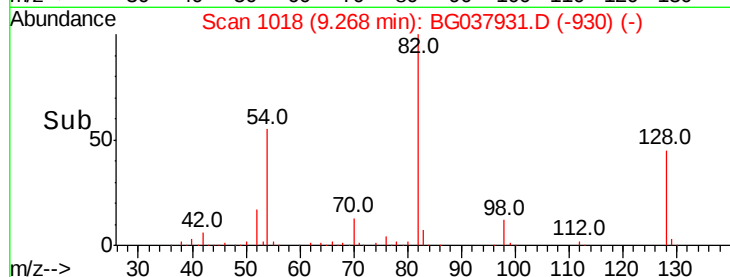
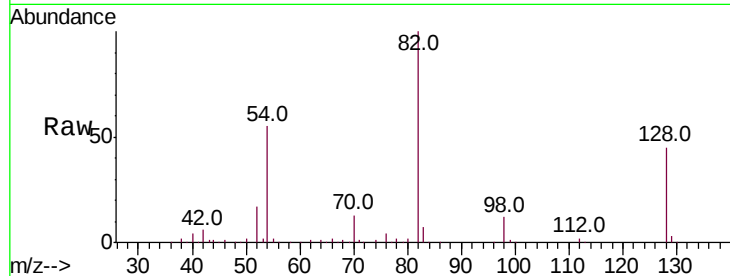




#23
Nitrobenzene-d5
Concen: 81.909 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037931.D
Acq: 9 Nov 2018 21:54

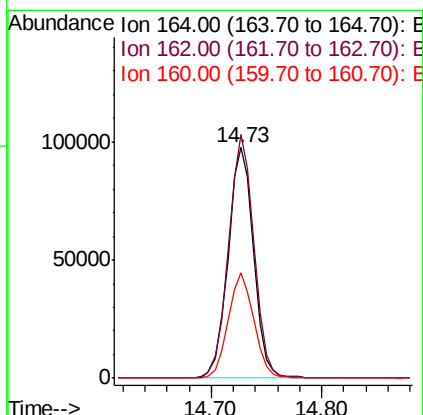
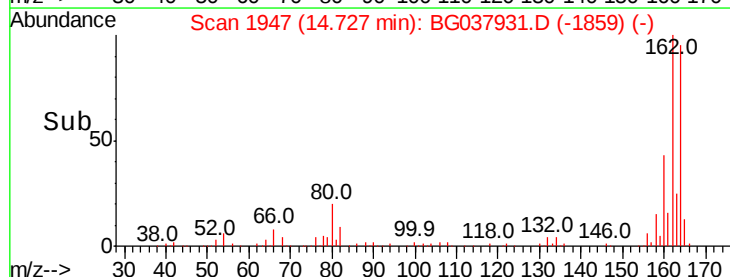
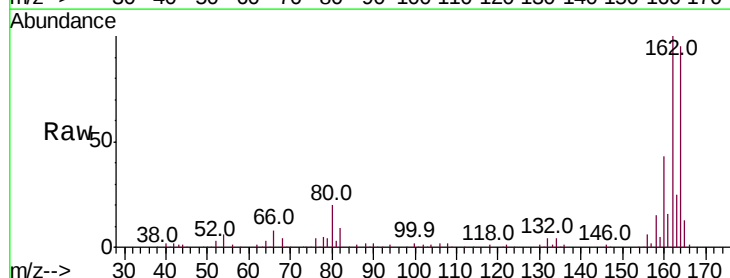
Instrument :
BNA_G
ClientSampled :
TP-7-S

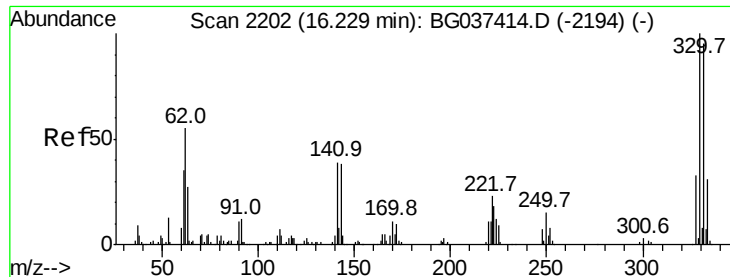
Tot Ion: 82 Resp: 344726
Ion Ratio Lower Upper
82 100
128 44.7 34.6 51.8
54 55.3 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG037931.D
Acq: 9 Nov 2018 21:54

Tgt Ion:164 Resp: 157587
Ion Ratio Lower Upper
164 100
162 105.5 81.3 121.9
160 45.7 36.3 54.5

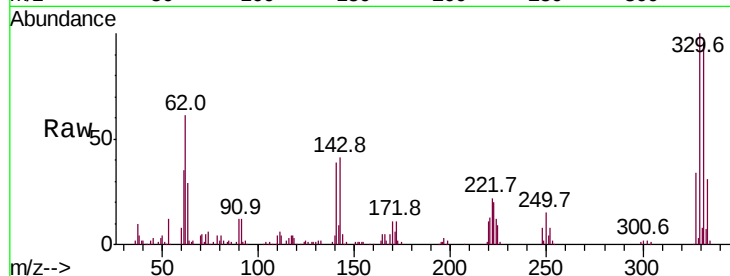




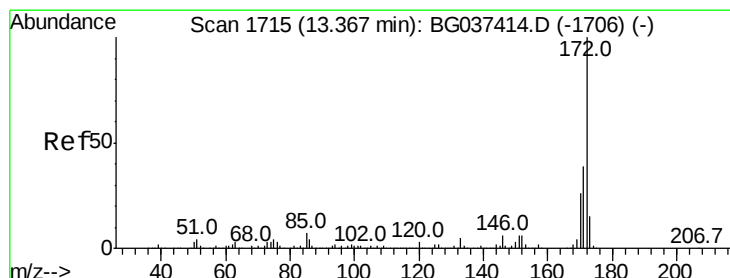
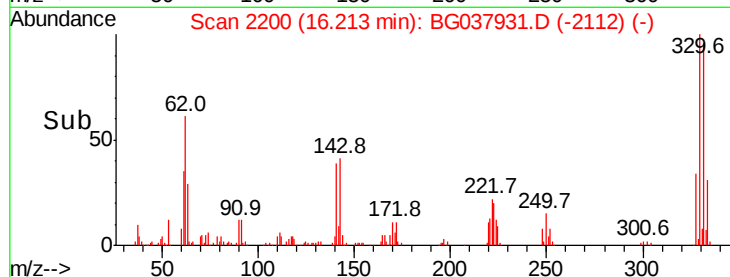
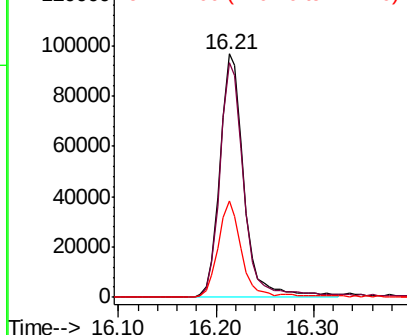
#42
 2,4,6-Tribromophenol
 Concen: 96.905 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037931.D
 Acq: 9 Nov 2018 21:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-S

Tot Ion:330 Resp: 166559
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.4 117.6
 141 38.4 32.2 48.2

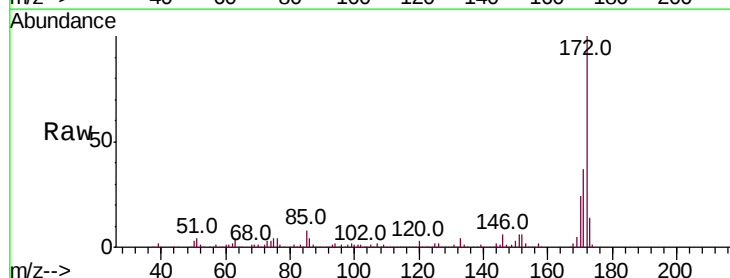


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

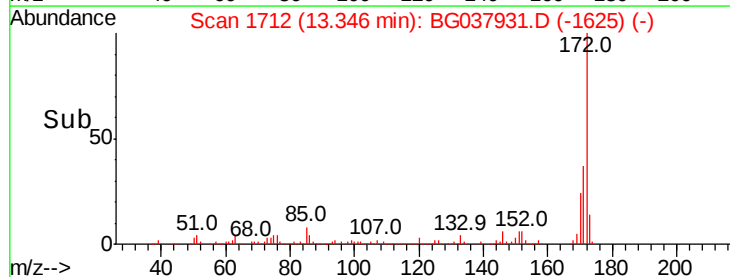
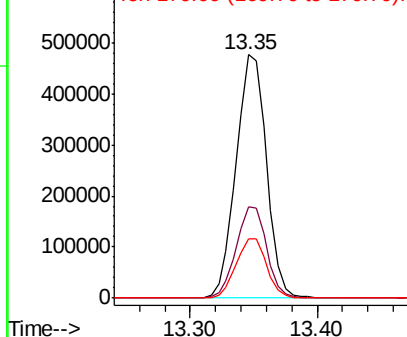


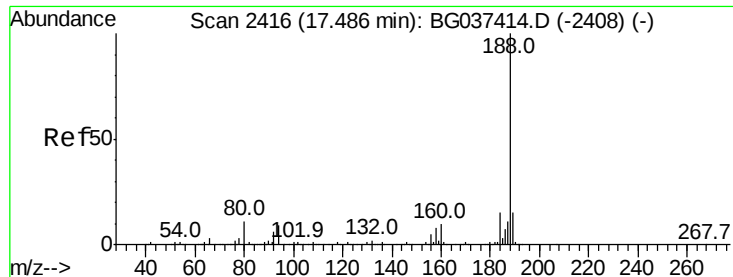
#45
 2-Fluorobiphenyl
 Concen: 75.858 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037931.D
 Acq: 9 Nov 2018 21:54

Tgt Ion:172 Resp: 792752
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.0 46.4
 170 24.4 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

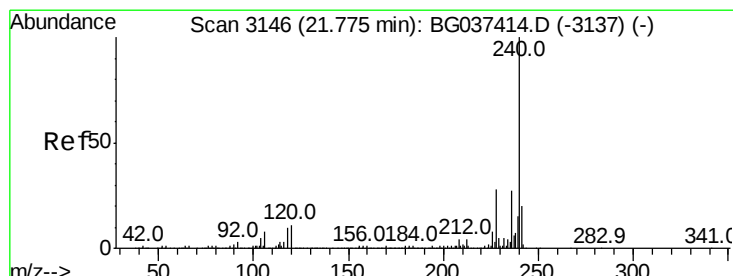
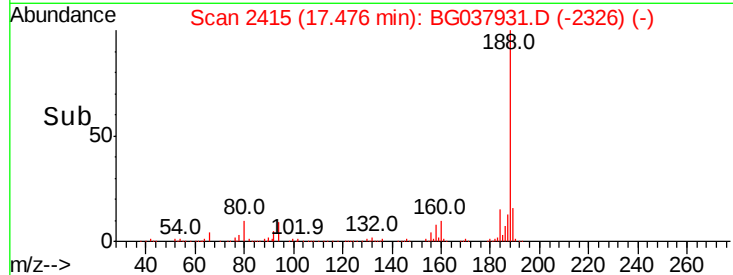
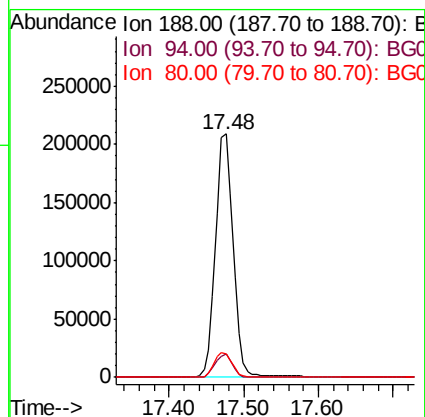
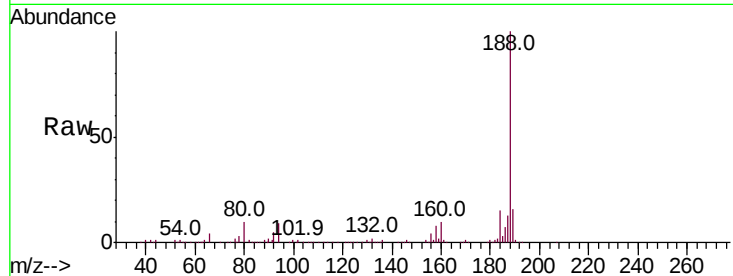




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037931.D
Acq: 9 Nov 2018 21:54

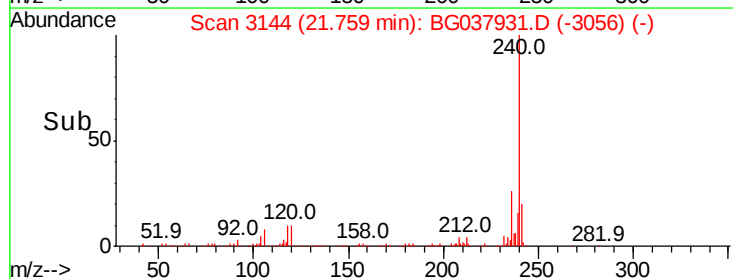
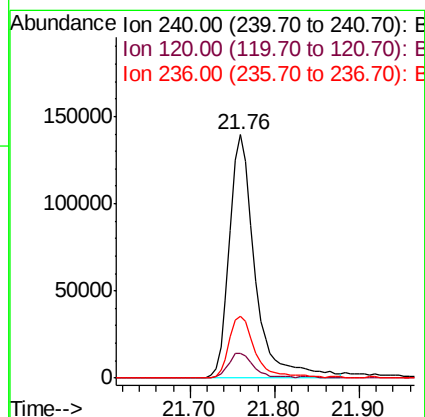
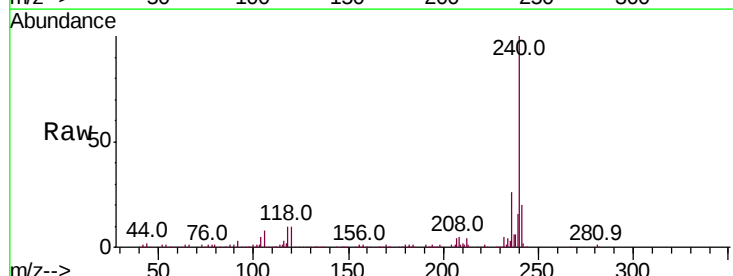
Instrument :
BNA_G
ClientSampled :
TP-7-S

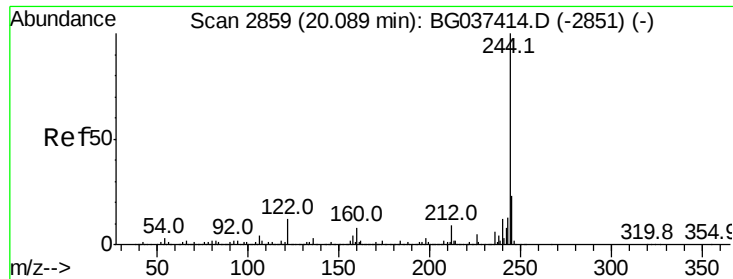
Tot Ion:188 Resp: 345096
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037931.D
Acq: 9 Nov 2018 21:54

Tgt Ion:240 Resp: 292695
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 25.7 21.4 32.0





#79

Terphenyl-d14

Concen: 89.620 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037931.D

Acq: 9 Nov 2018 21:54

Instrument :

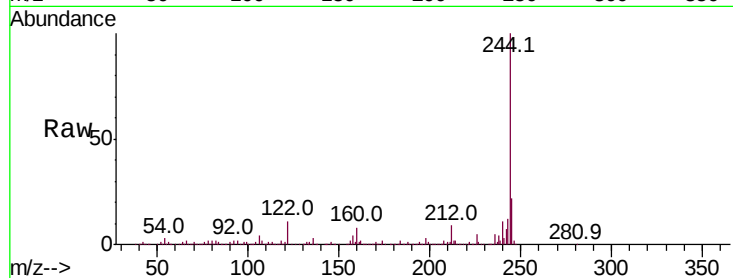
BNA_G

ClientSampleId :

TP-7-S

Tot Ion:244 Resp: 1227615

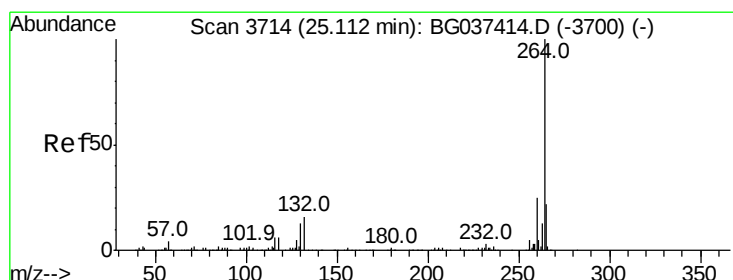
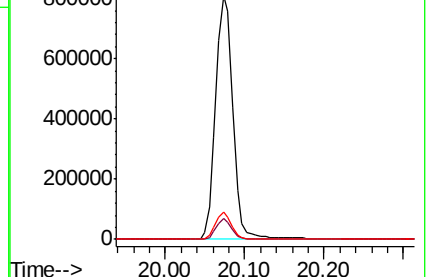
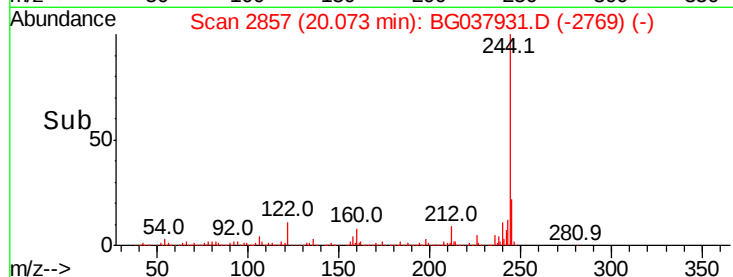
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.0	9.0	13.4



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# 3711

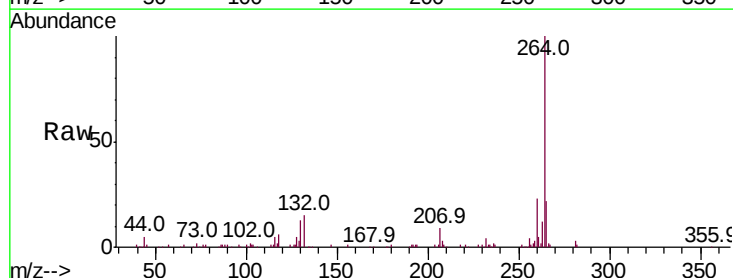
Delta R.T. -0.02 min

Lab File: BG037931.D

Acq: 9 Nov 2018 21:54

Tgt Ion:264 Resp: 217624

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.0	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

