

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038749.D
 Acq On : 20 Dec 2018 5:38
 Operator : JU/SJ
 Sample : J6464-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VB16202

Quant Time: Dec 20 07:52:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	26115	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	102221	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	67997	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	181425	20.00	ng	0.00
76) Chrysene-d12	21.72	240	188569	20.00	ng	0.00
87) Perylene-d12	25.02	264	200274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	177823	120.77	ng	0.00
7) Phenol-d6	7.21	99	219261	108.48	ng	0.00
23) Nitrobenzene-d5	9.23	82	169361	84.64	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	138018	147.28	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	427919	86.33	ng	0.00
79) Terphenyl-d14	20.04	244	827348	95.49	ng	0.00

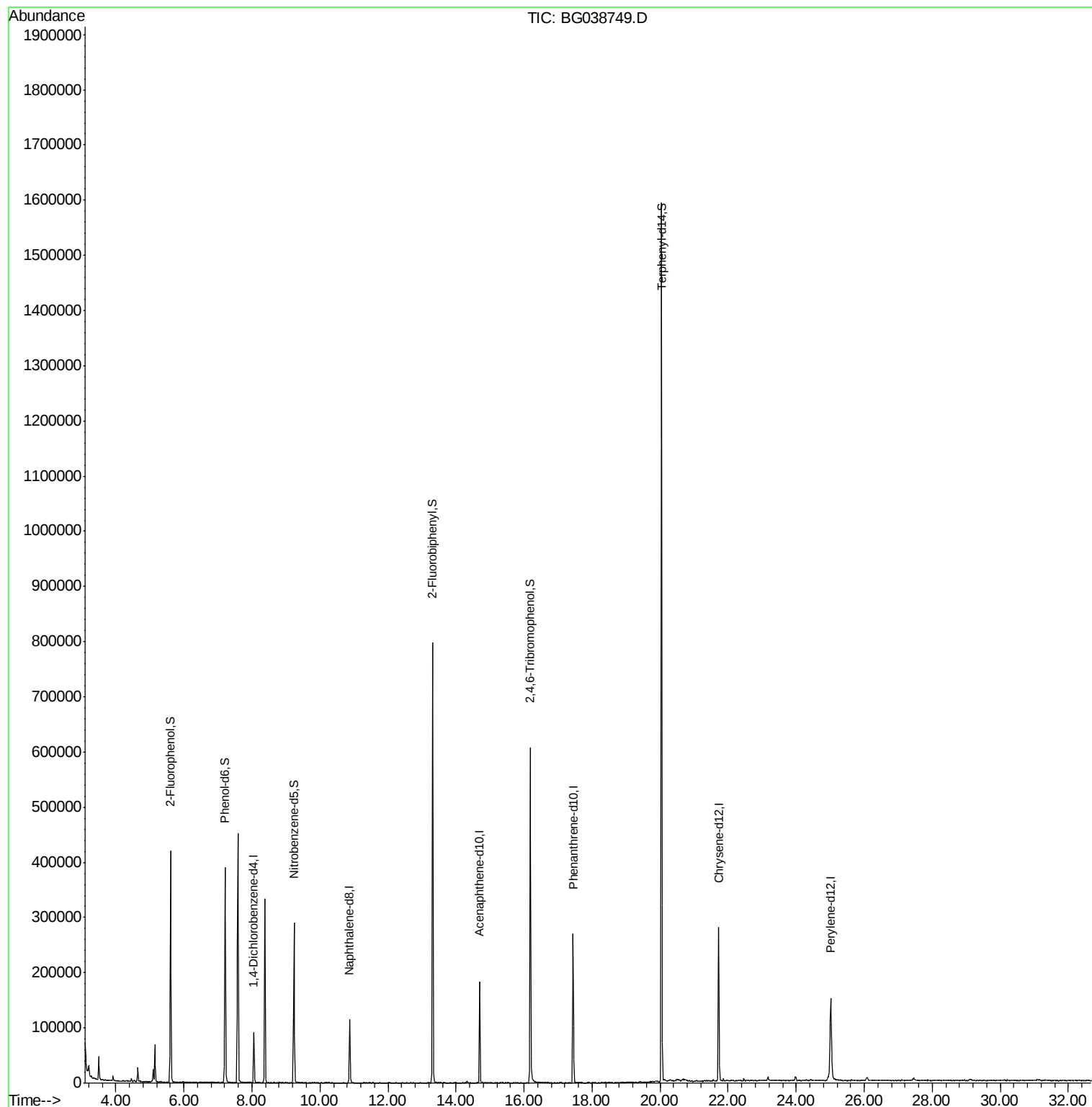
Target Compounds Qvalue

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

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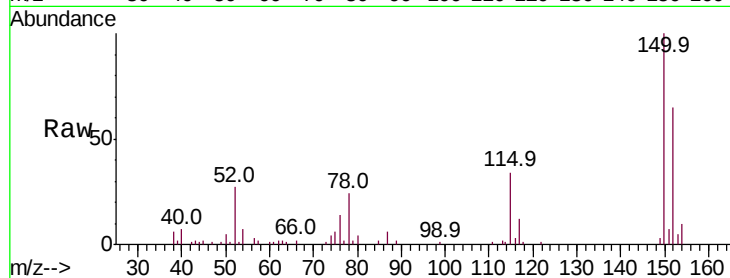


#1

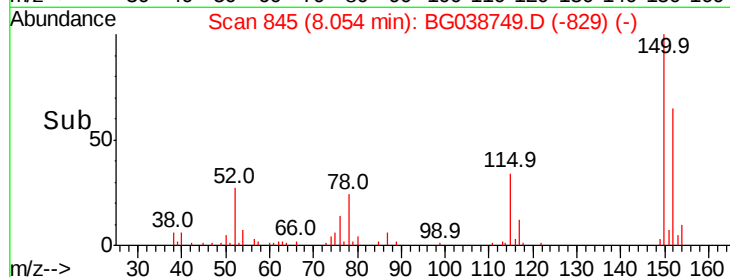
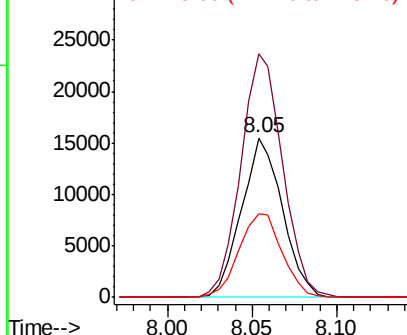
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038749.D
Acq: 20 Dec 2018 5:38

Instrument :
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ClientSampleId :
VB16202

Tot Ion:152 Resp: 26115
Ion Ratio Lower Upper
152 100
150 153.0 119.5 179.3
115 52.7 49.6 74.4



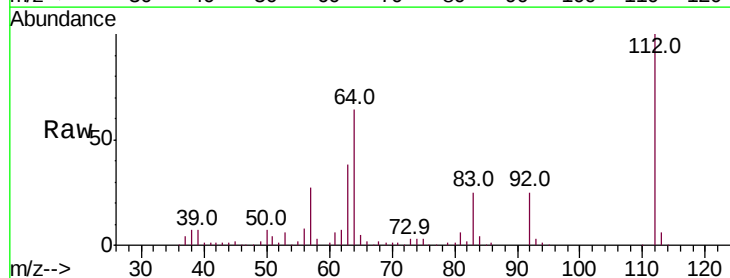
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



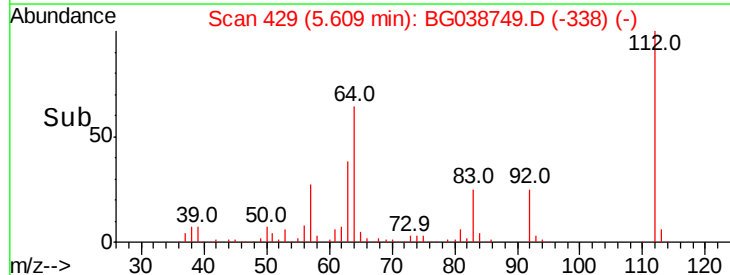
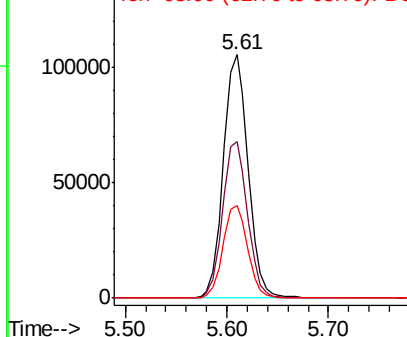
#5

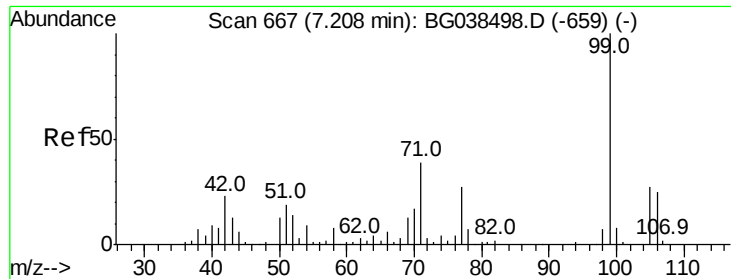
2-Fluorophenol
Concen: 120.772 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038749.D
Acq: 20 Dec 2018 5:38

Tgt Ion:112 Resp: 177823
Ion Ratio Lower Upper
112 100
64 64.4 53.4 80.2
63 37.9 29.3 43.9



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: 108.475 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038749.D

Acq: 20 Dec 2018 5:38

Instrument :

BNA_G

ClientSampleId :

VB16202

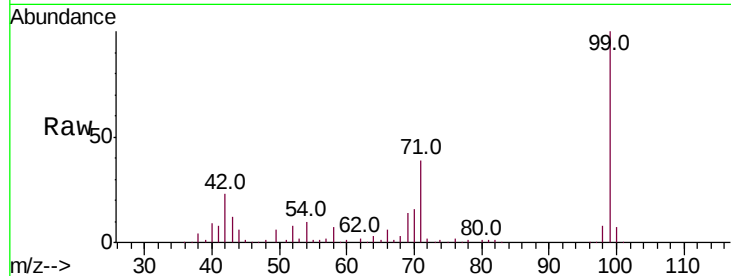
Tot Ion: 99 Resp: 219261

Ion Ratio Lower Upper

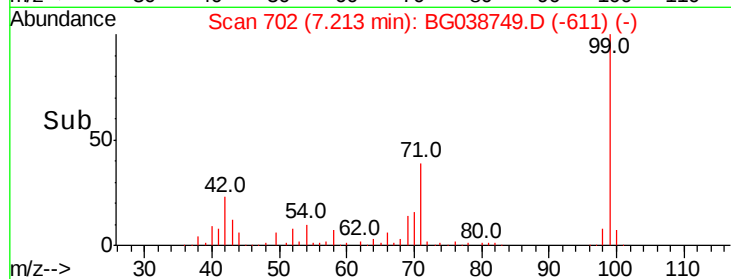
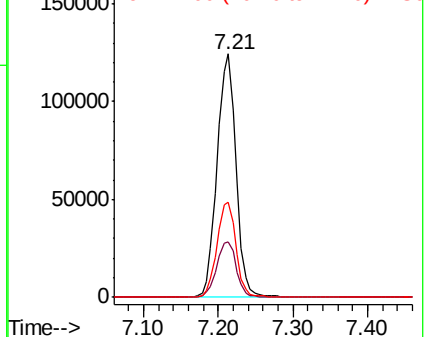
99 100

42 22.5 18.5 27.7

71 38.9 31.1 46.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038749.D

Acq: 20 Dec 2018 5:38

Tgt Ion: 136 Resp: 102221

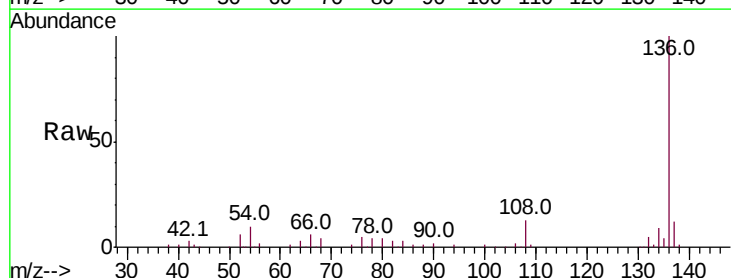
Ion Ratio Lower Upper

136 100

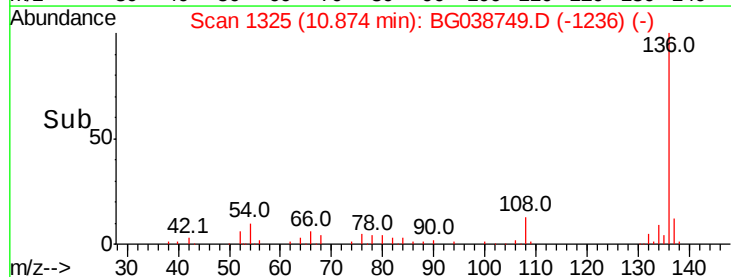
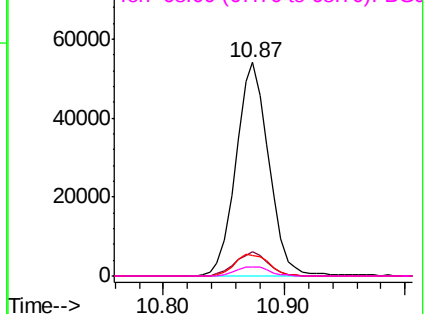
137 11.7 9.3 13.9

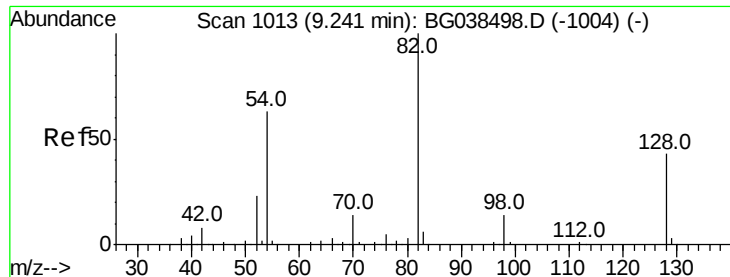
54 9.5 8.5 12.7

68 4.0 3.5 5.3



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

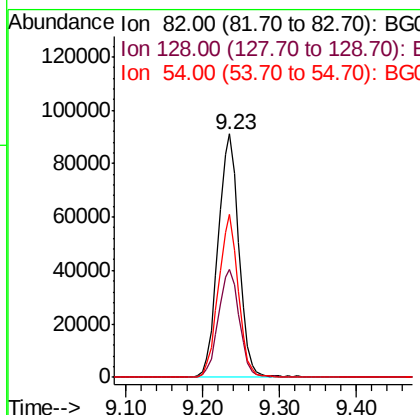
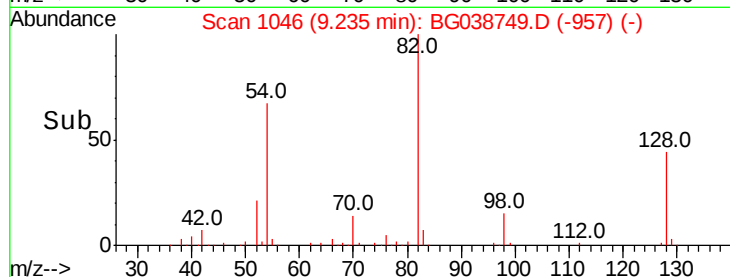
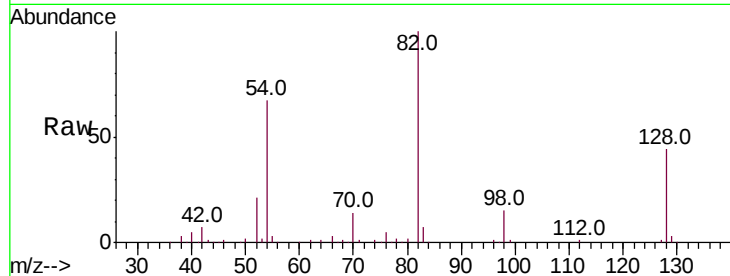




#23
Nitrobenzene-d5
Concen: 84.642 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038749.D
Acq: 20 Dec 2018 5:38

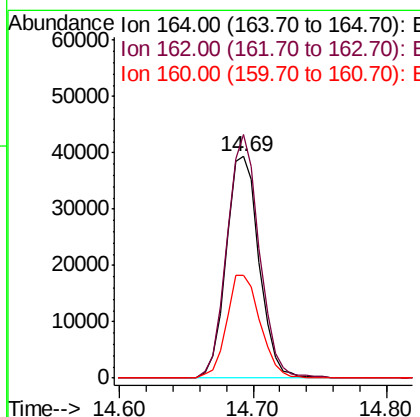
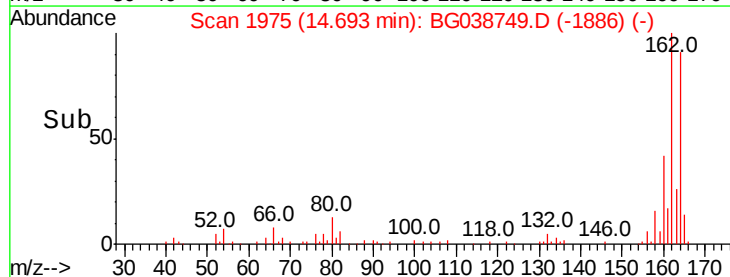
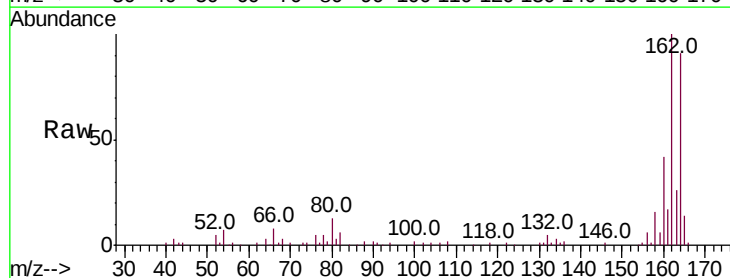
Instrument :
BNA_G
ClientSampleId :
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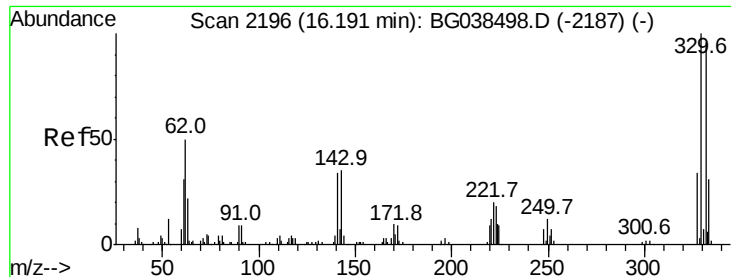
Tot Ion: 82 Resp: 169361
Ion Ratio Lower Upper
82 100
128 44.4 34.6 52.0
54 66.8 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038749.D
Acq: 20 Dec 2018 5:38

Tgt Ion: 164 Resp: 67997
Ion Ratio Lower Upper
164 100
162 109.9 86.6 130.0
160 46.2 34.2 51.2

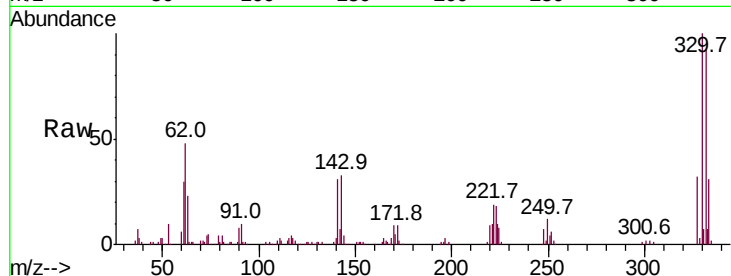




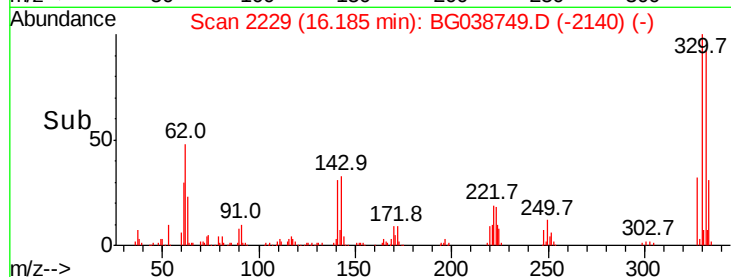
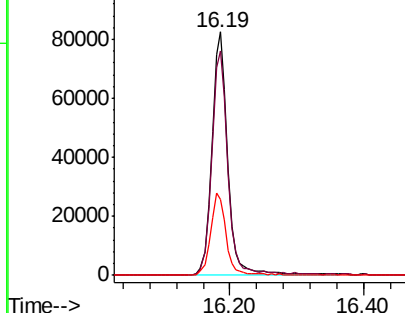
#42
 2,4,6-Tribromophenol
 Concen: 147.279 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038749.D
 Acq: 20 Dec 2018 5:38

Instrument :
 BNA_G
 ClientSampled :
 VB16202

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.9	115.3
141	32.6	28.8	43.2

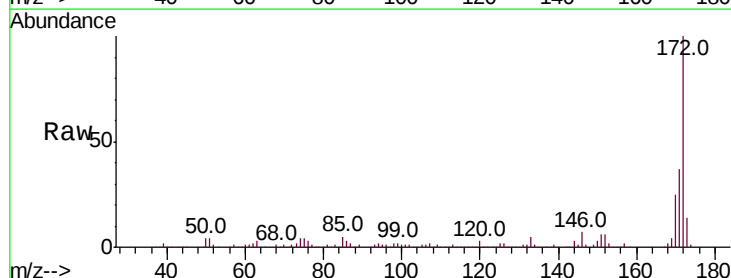


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

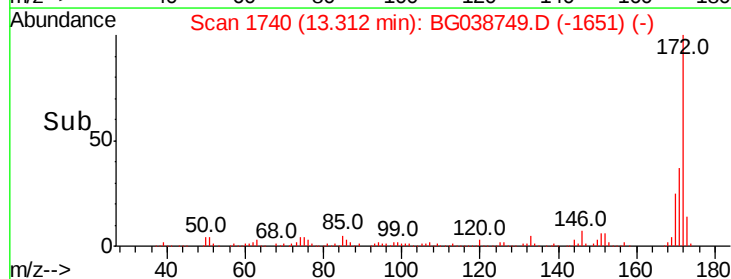
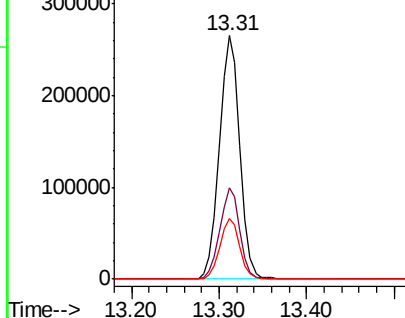


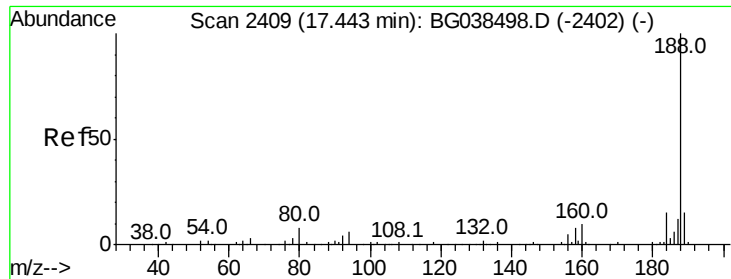
#45
 2-Fluorobiphenyl
 Concen: 86.333 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038749.D
 Acq: 20 Dec 2018 5:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	24.6	19.5	29.3



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

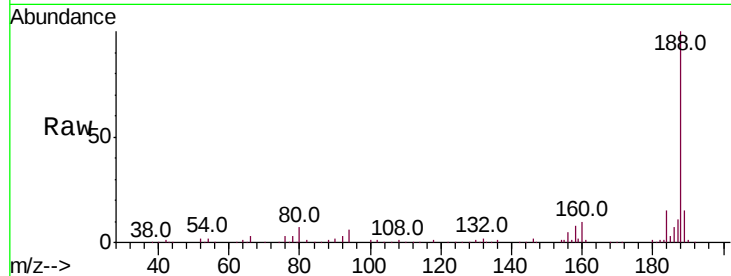




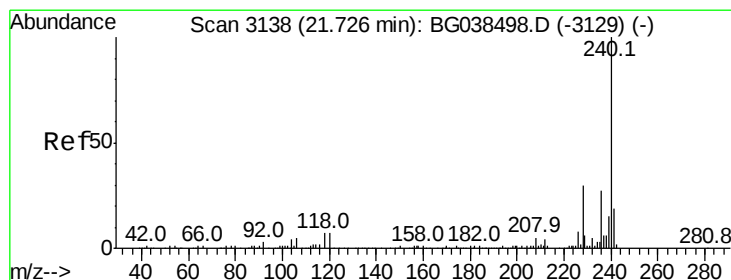
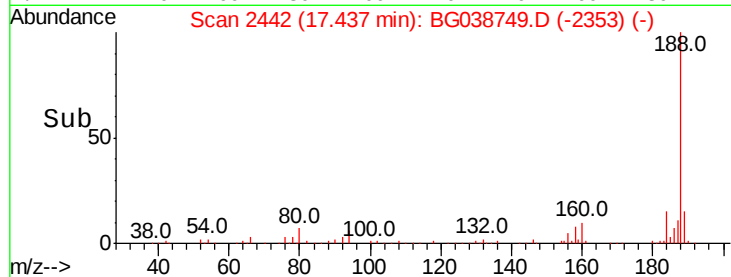
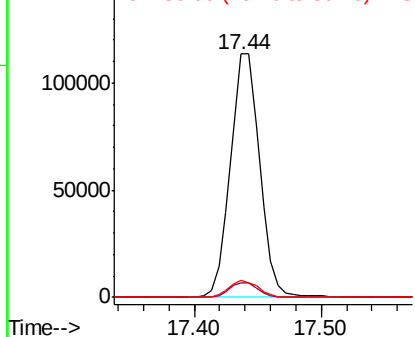
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG038749.D
 Acq: 20 Dec 2018 5:38

Instrument :
 BNA_G
 ClientSampleId :
 VB16202

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.1	7.7
80	7.1	6.1	9.1

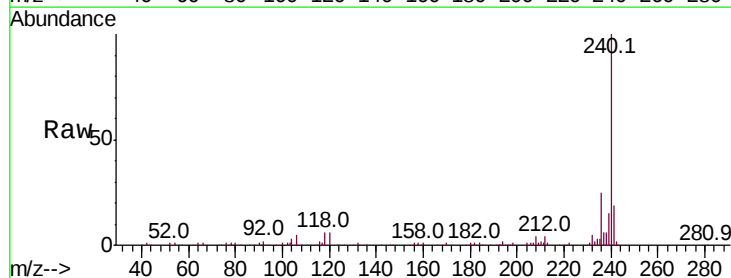


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

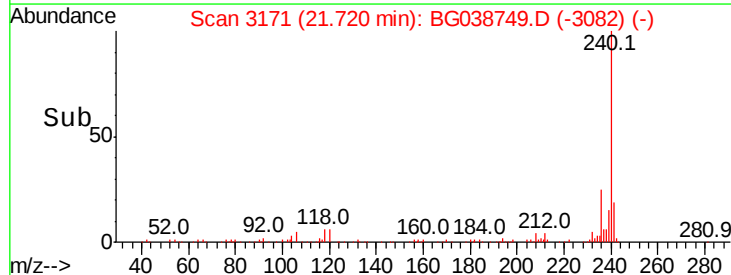
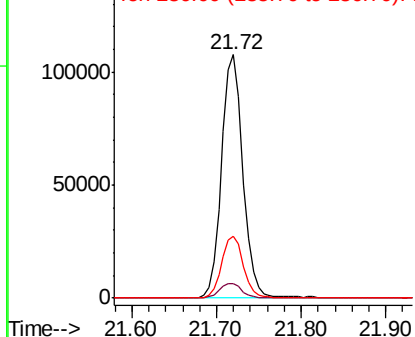


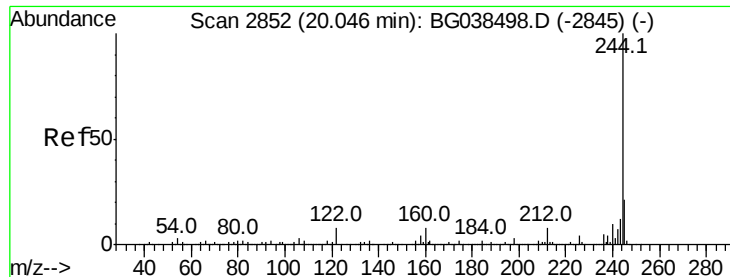
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038749.D
 Acq: 20 Dec 2018 5:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.3	7.9
236	25.2	21.4	32.2



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: 95.487 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038749.D

Acq: 20 Dec 2018 5:38

Instrument :

BNA_G

ClientSampleId :

VB16202

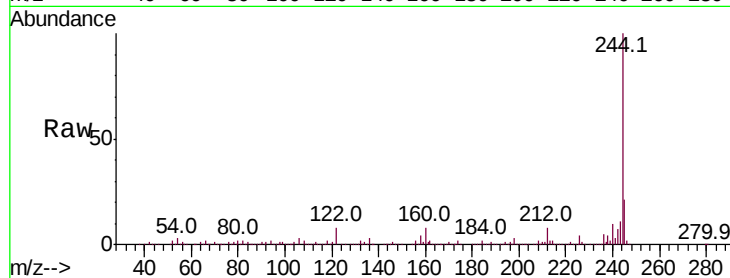
Tot Ion:244 Resp: 827348

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

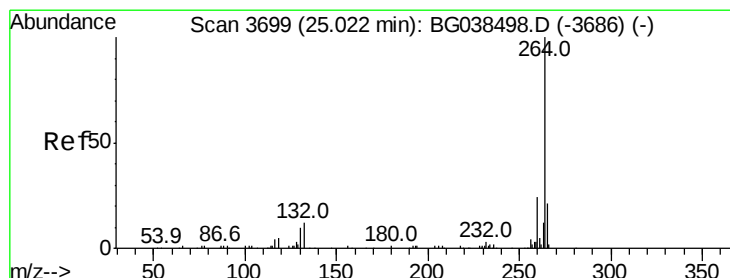
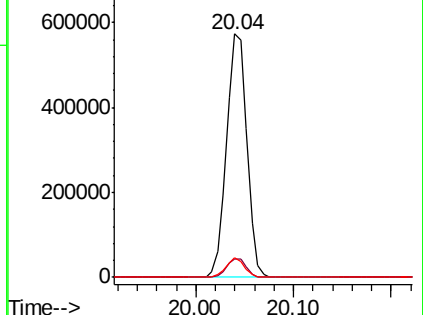
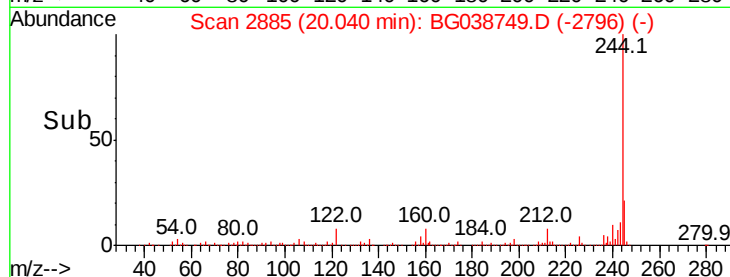
122 7.8 6.3 9.5



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: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038749.D

Acq: 20 Dec 2018 5:38

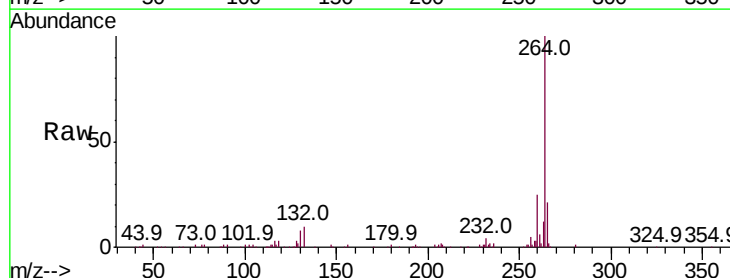
Tgt Ion:264 Resp: 200274

Ion Ratio Lower Upper

264 100

260 24.7 18.9 28.3

265 21.4 17.0 25.4



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

