

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
 Data File : BG038075.D
 Acq On : 19 Nov 2018 23:17
 Operator : JU/SJ
 Sample : J5774-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-111618

Quant Time: Nov 20 03:00:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	43142	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	180147	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	113851	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	267779	20.00	ng	0.00
76) Chrysene-d12	21.75	240	257619	20.00	ng	0.00
87) Perylene-d12	25.08	264	261693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	261049	104.47	ng	0.00
7) Phenol-d6	7.23	99	328533	92.11	ng	0.00
23) Nitrobenzene-d5	9.26	82	260007	77.26	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	142735	109.93	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	585157	74.88	ng	0.00
79) Terphenyl-d14	20.07	244	905275	82.68	ng	0.00

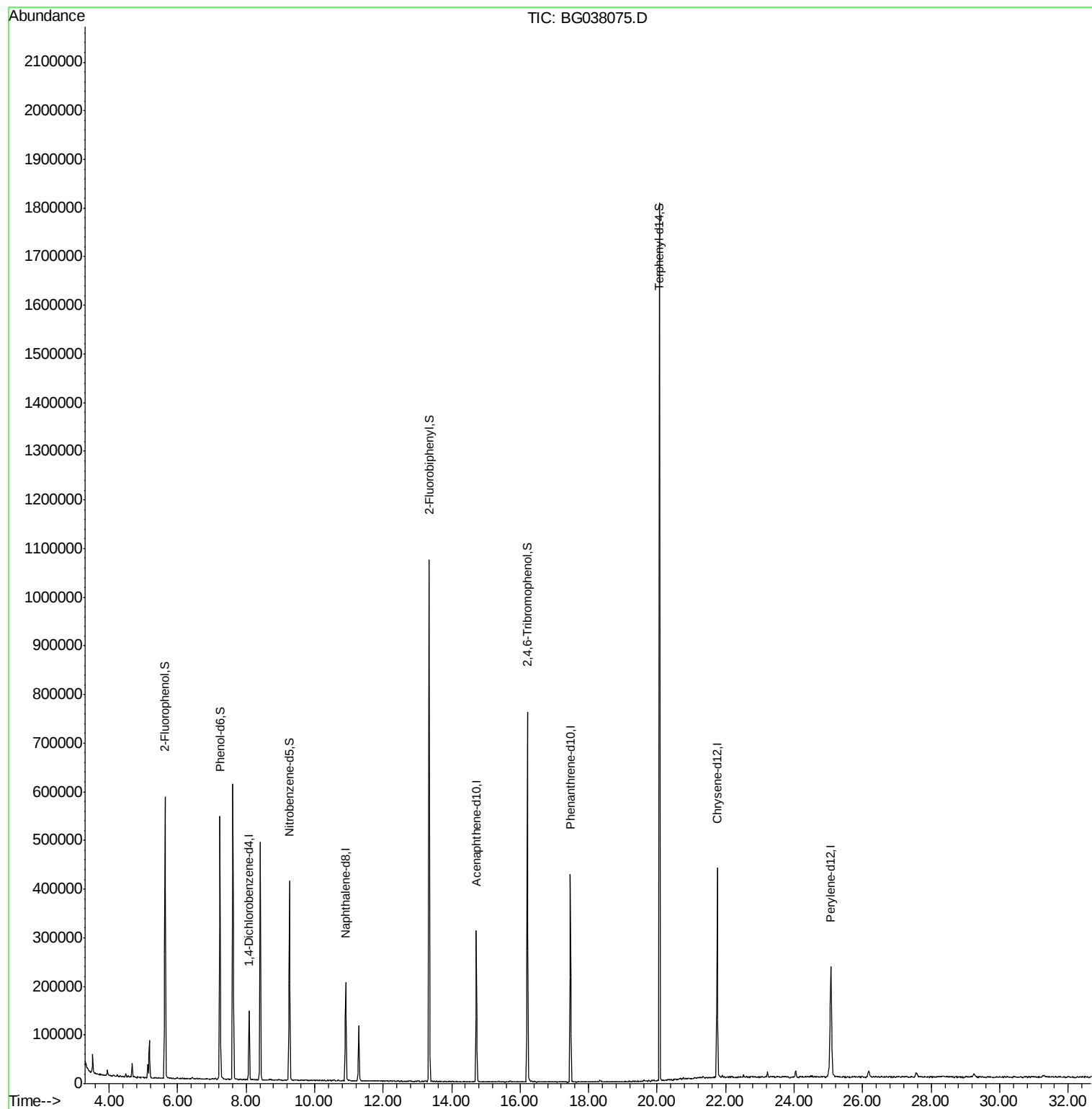
Target Compounds Qvalue

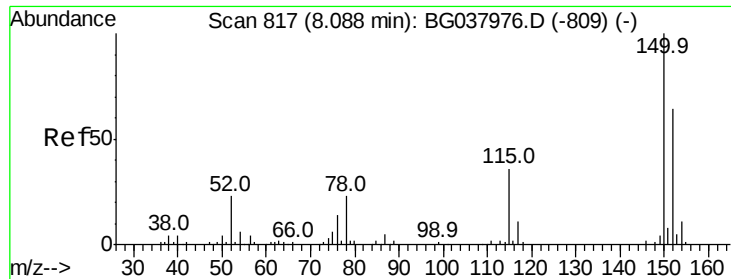
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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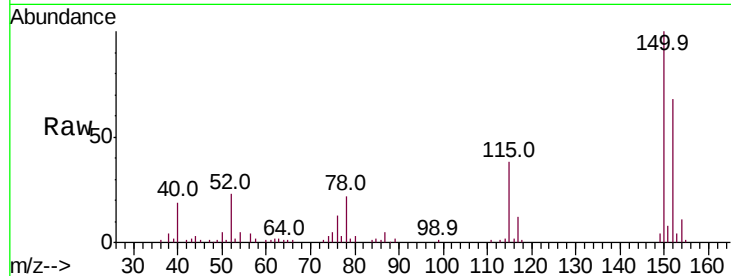


#1

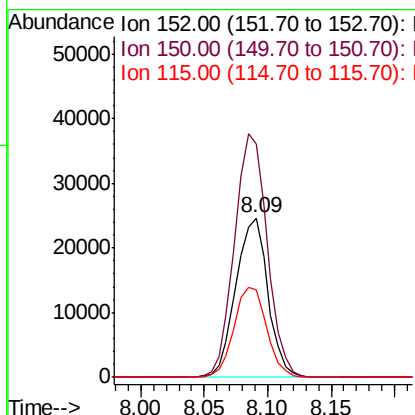
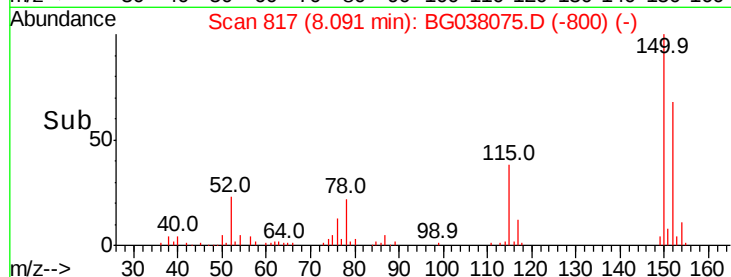
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BG038075.D
 Acq: 19 Nov 2018 23:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-111618

Tot Ion:152 Resp: 43142
 Ion Ratio Lower Upper
 152 100
 150 146.0 126.0 189.0
 115 54.8 45.5 68.3



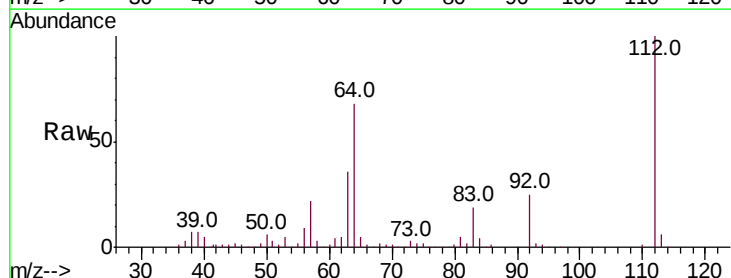
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



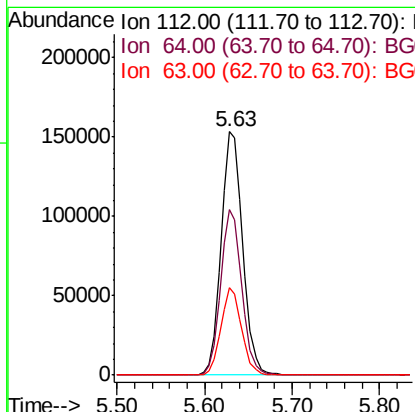
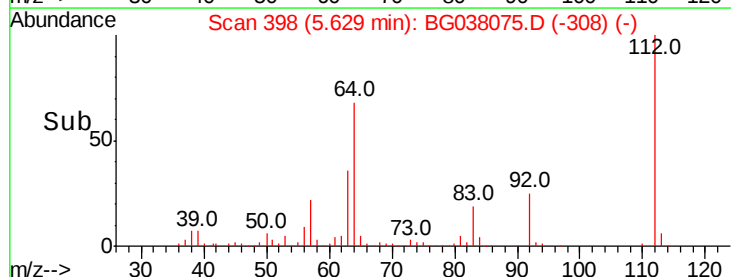
#5

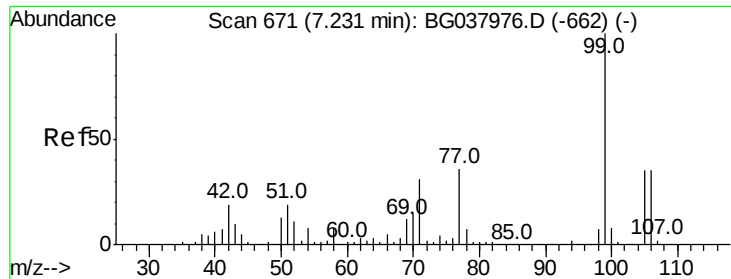
2-Fluorophenol
 Concen: 104.473 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038075.D
 Acq: 19 Nov 2018 23:17

Tgt Ion:112 Resp: 261049
 Ion Ratio Lower Upper
 112 100
 64 68.2 53.1 79.7
 63 35.8 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: 92.109 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038075.D

Acq: 19 Nov 2018 23:17

Instrument :

BNA_G

ClientSampleId :

SU-04-111618

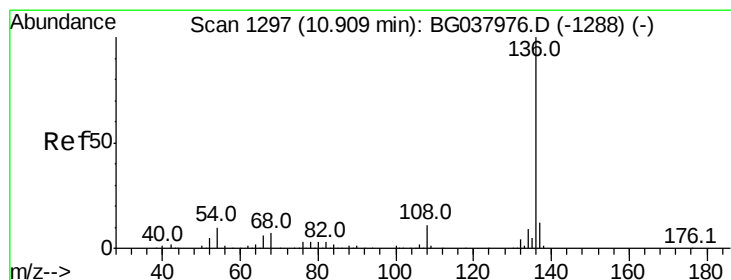
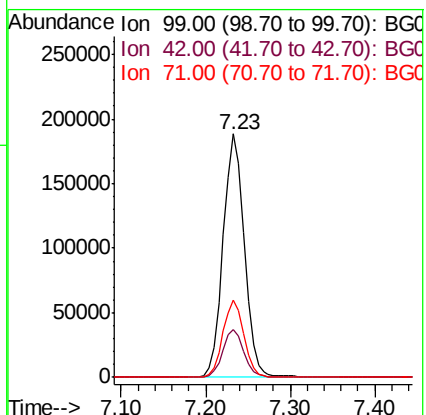
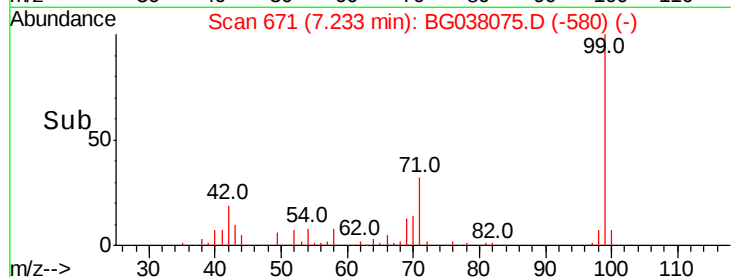
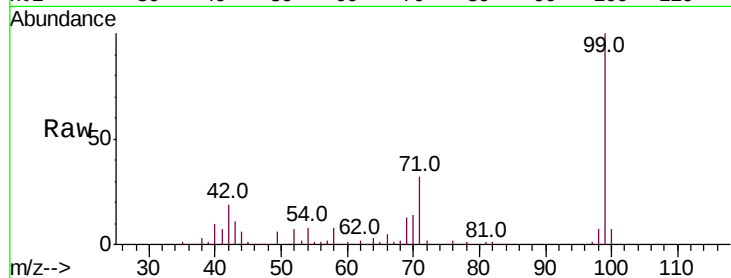
Tot Ion: 99 Resp: 328533

Ion Ratio Lower Upper

99 100

42 19.4 15.0 22.4

71 31.8 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038075.D

Acq: 19 Nov 2018 23:17

Tgt Ion: 136 Resp: 180147

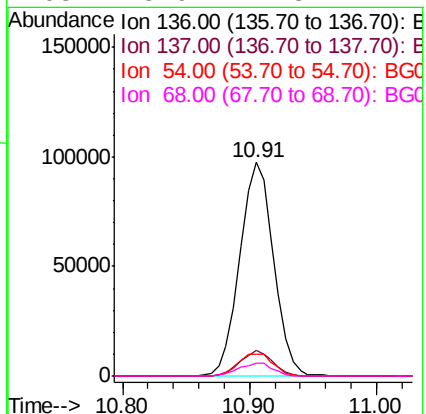
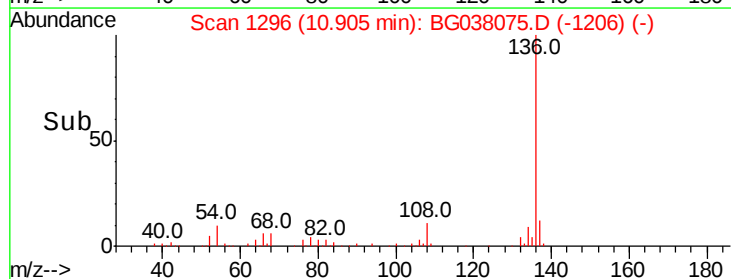
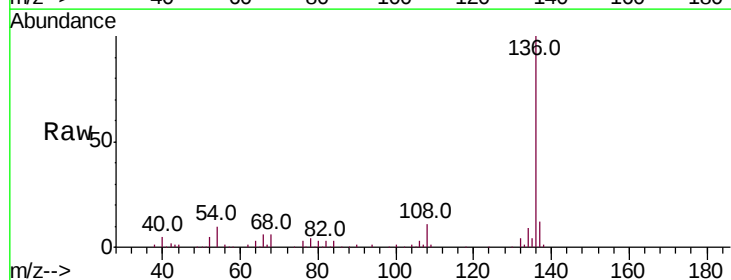
Ion Ratio Lower Upper

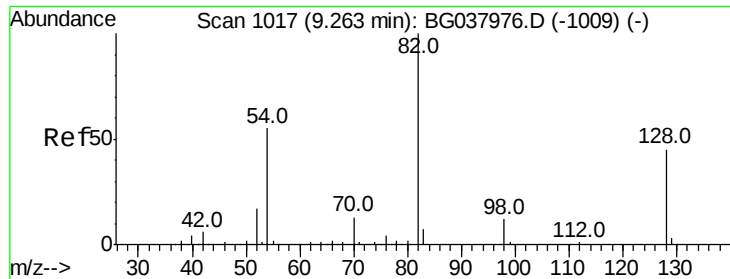
136 100

137 11.8 9.6 14.4

54 10.3 7.9 11.9

68 5.9 4.8 7.2

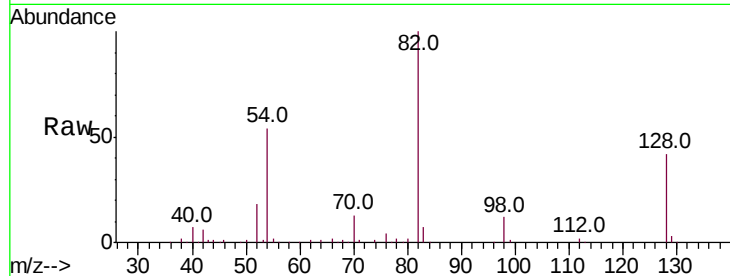




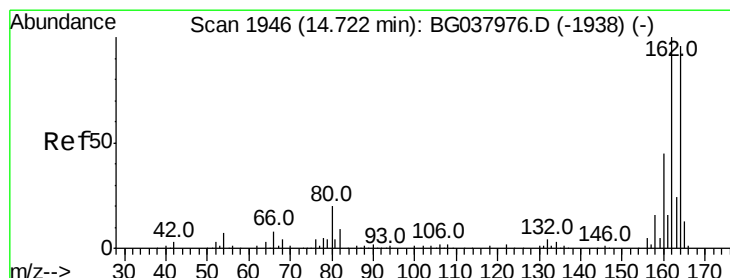
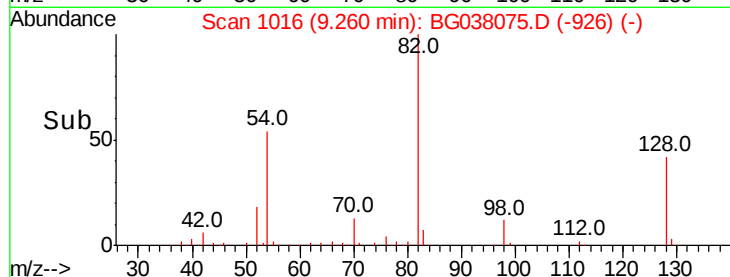
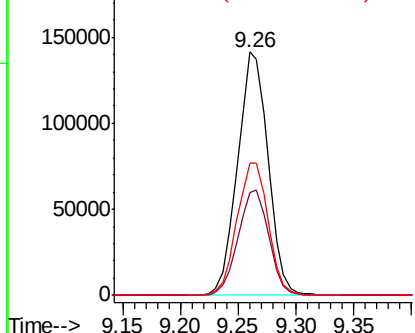
#23
Nitrobenzene-d5
Concen: 77.261 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038075.D
Acq: 19 Nov 2018 23:17

Instrument :
BNA_G
ClientSampleId :
SU-04-111618

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	54.1	45.3	67.9

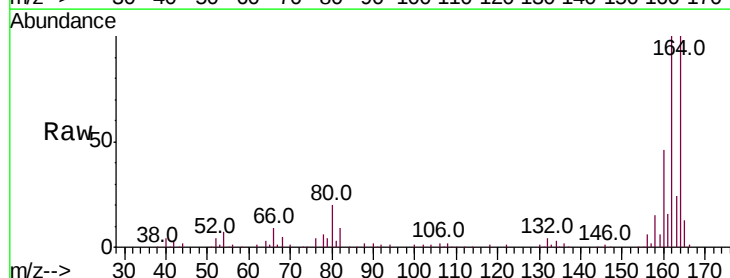


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

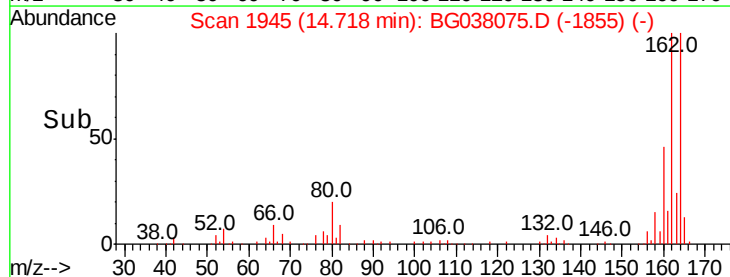
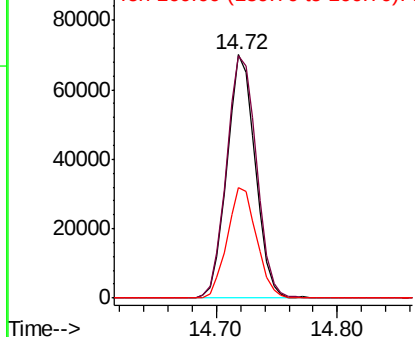


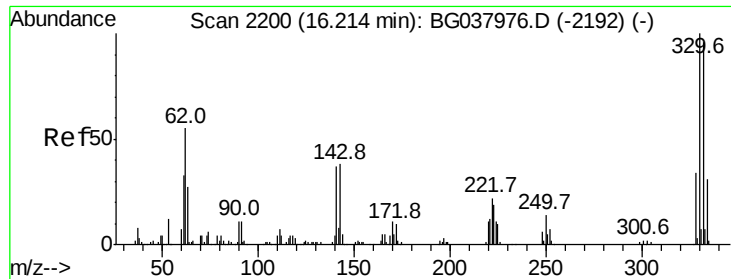
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038075.D
Acq: 19 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.3	121.9
160	45.6	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

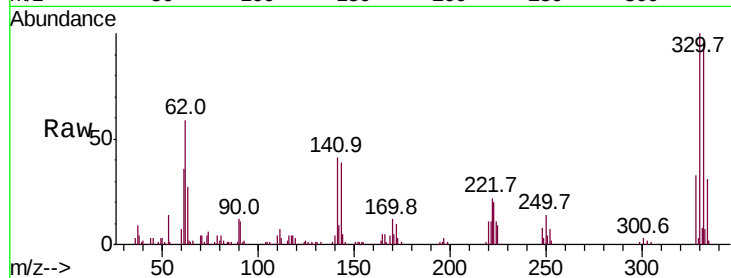




#42
 2,4,6-Tribromophenol
 Concen: 109.928 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038075.D
 Acq: 19 Nov 2018 23:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-111618

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	41.3	32.2	48.2

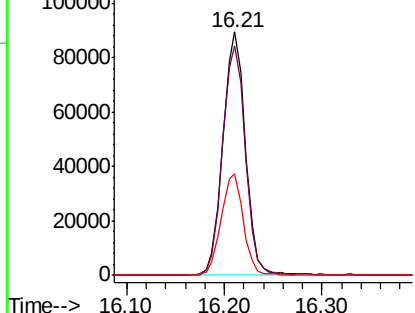
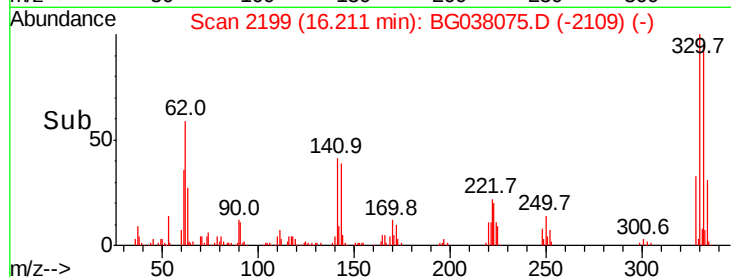


Abundance

Ion 329.80 (329.50 to 330.50): E

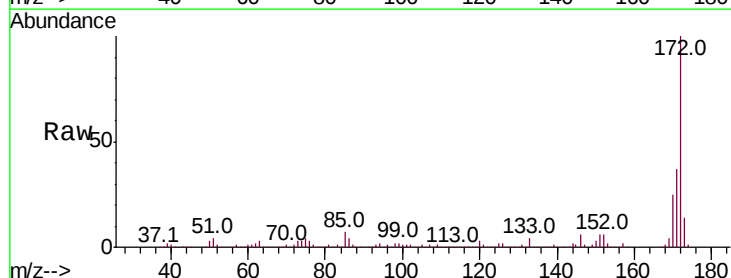
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.877 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038075.D
 Acq: 19 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	24.6	20.2	30.2

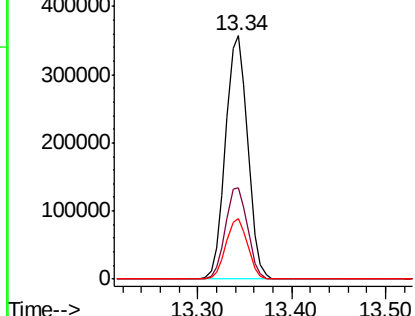
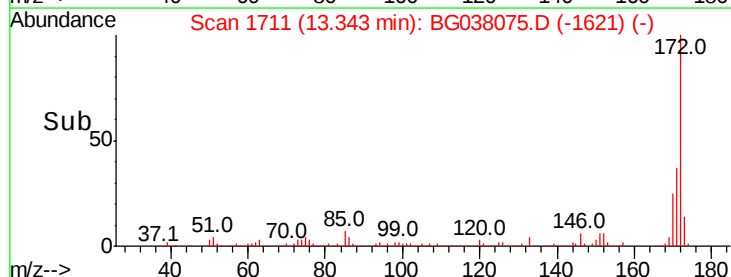


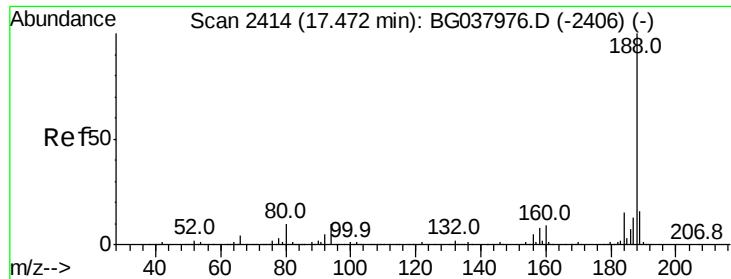
Abundance

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# 2413

Delta R.T. -0.00 min

Lab File: BG038075.D

Acq: 19 Nov 2018 23:17

Instrument :

BNA_G

ClientSampleId :

SU-04-111618

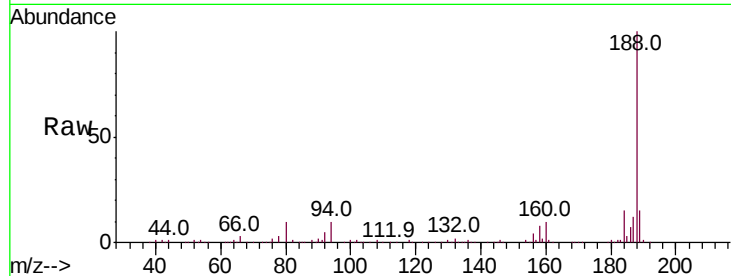
Tot Ion:188 Resp: 267779

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

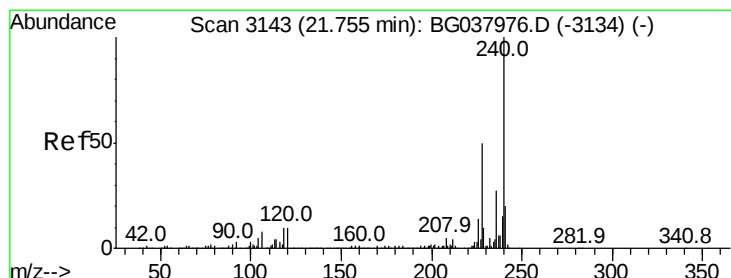
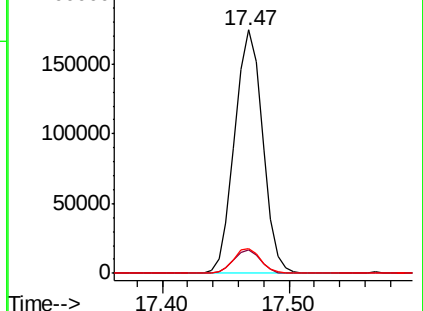
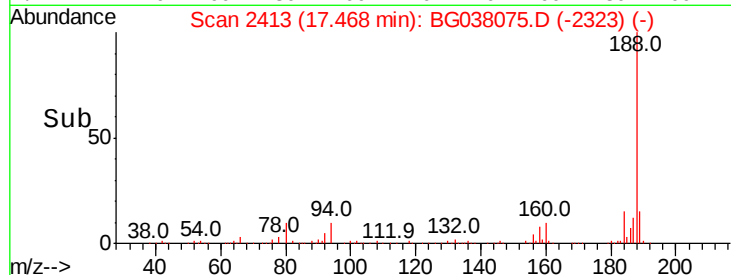
80 10.1 7.7 11.5



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: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038075.D

Acq: 19 Nov 2018 23:17

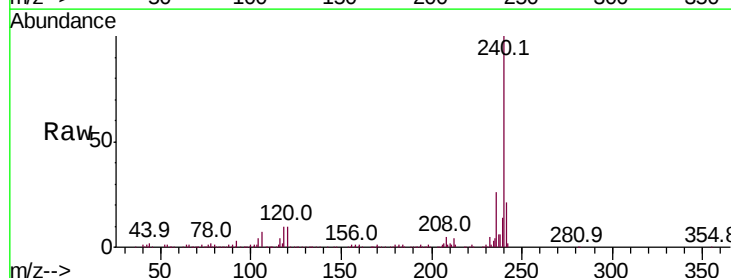
Tgt Ion:240 Resp: 257619

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

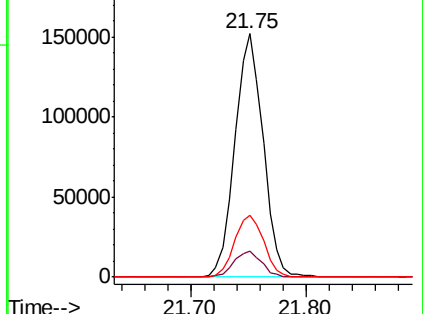
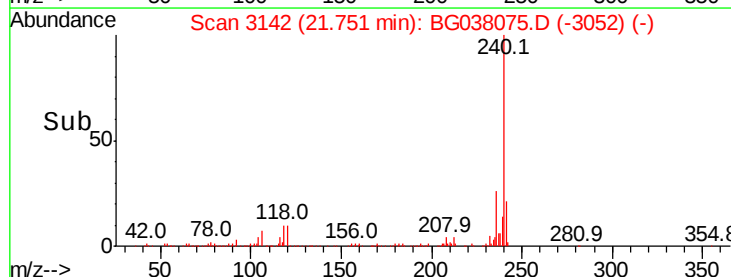
236 25.6 21.4 32.0



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: 82.685 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038075.D

Acq: 19 Nov 2018 23:17

Instrument :

BNA_G

ClientSampleId :

SU-04-111618

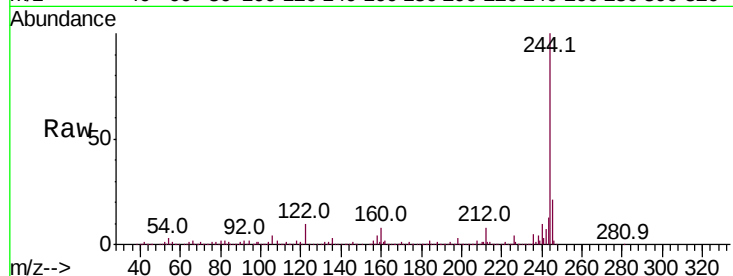
Tot Ion:244 Resp: 905275

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

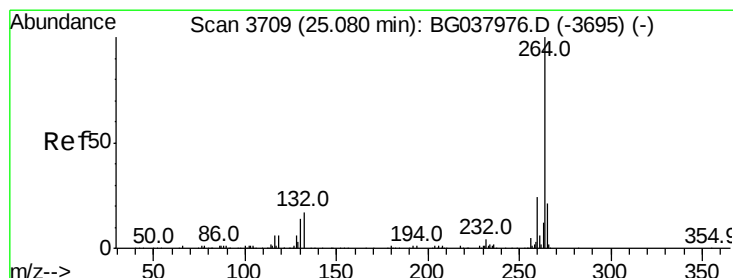
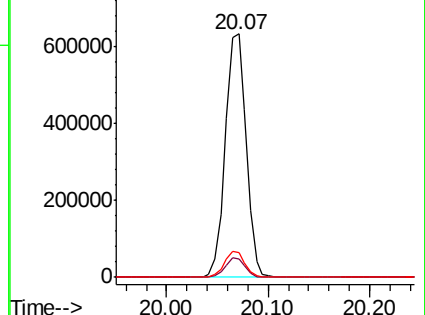
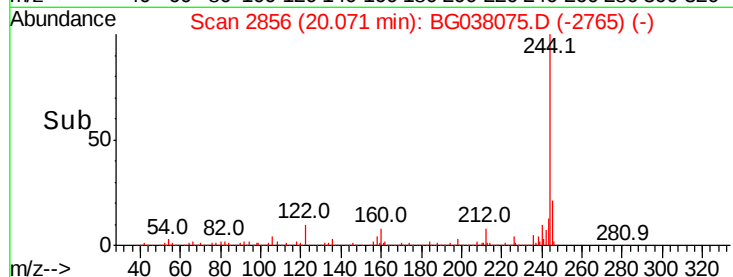
122 10.0 9.0 13.4



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: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038075.D

Acq: 19 Nov 2018 23:17

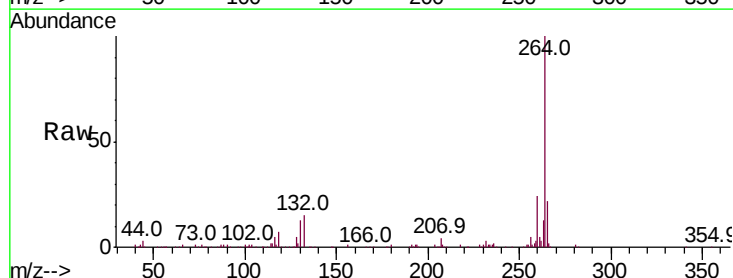
Tgt Ion:264 Resp: 261693

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.7 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

