

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
 Data File : BG036572.D
 Acq On : 6 Sep 2018 16:51
 Operator : JU/SJ
 Sample : J4801-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-26957

Quant Time: Sep 06 17:29:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58724	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	240447	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	162845	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	416417	20.00	ng	0.00
75) Chrysene-d12	21.69	240	438475	20.00	ng	0.00
86) Perylene-d12	24.90	264	395690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	388823	105.03	ng	0.00
7) Phenol-d6	7.21	99	510092	96.24	ng	0.00
23) Nitrobenzene-d5	9.22	82	384057	86.66	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	253595	130.51	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	928152	81.38	ng	0.00
78) Terphenyl-d14	20.03	244	1563367	83.34	ng	0.00

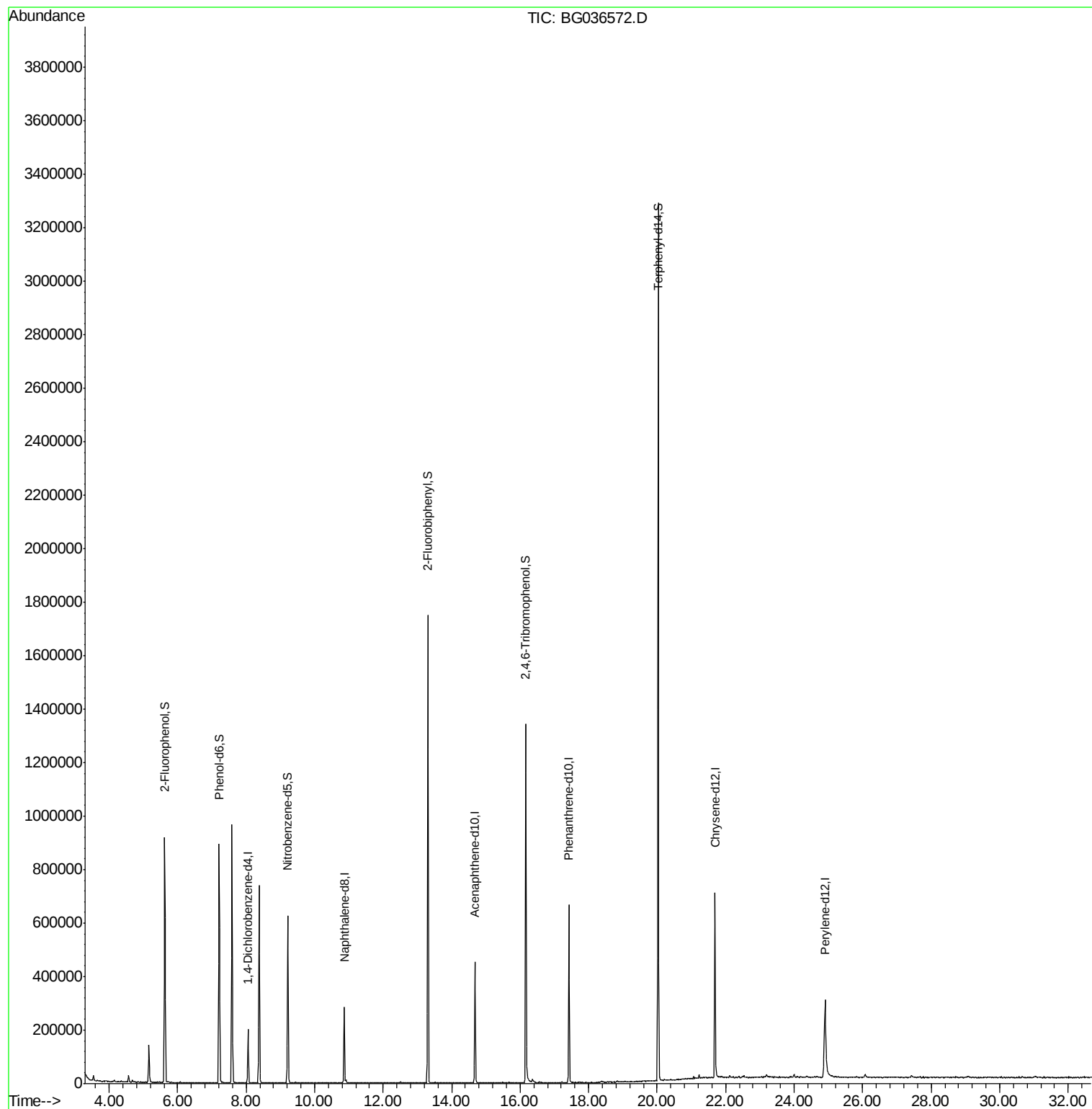
Target Compounds Qvalue

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

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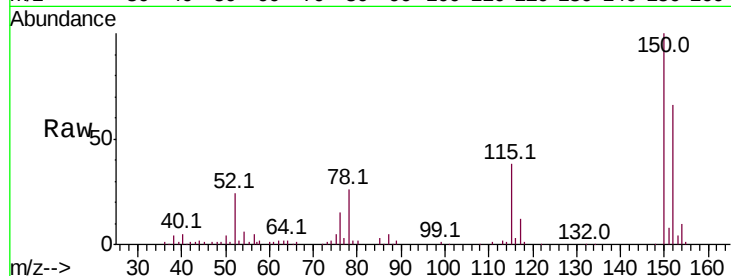


#1

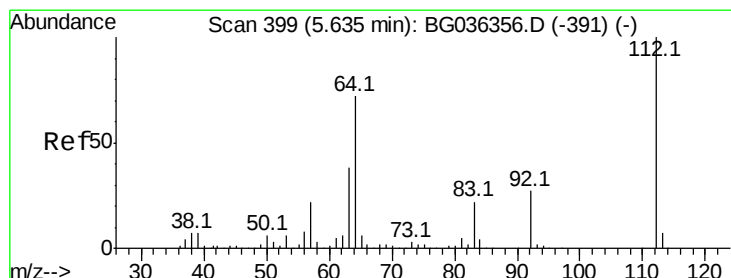
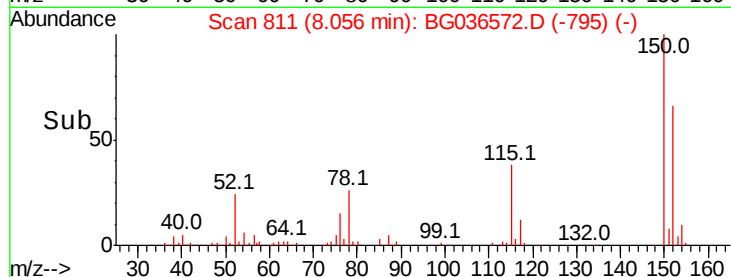
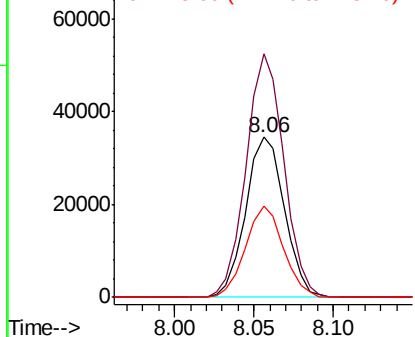
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036572.D
Acq: 6 Sep 2018 16:51

Instrument :
BNA_G
ClientSampleId :
CHRT-26957

Tot Ion:152 Resp: 58724
Ion Ratio Lower Upper
152 100
150 152.1 119.5 179.3
115 57.1 44.5 66.7



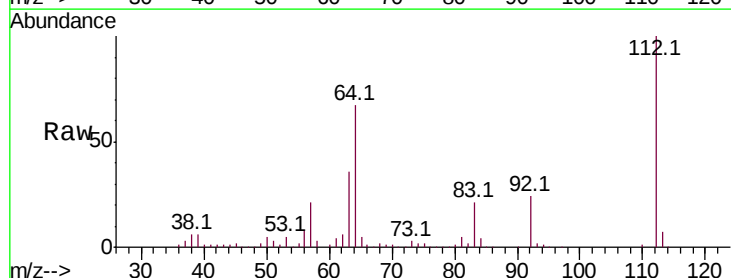
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



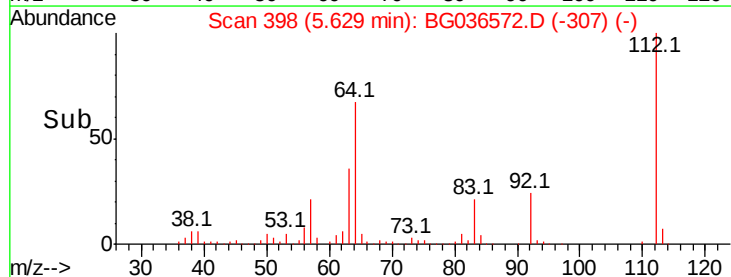
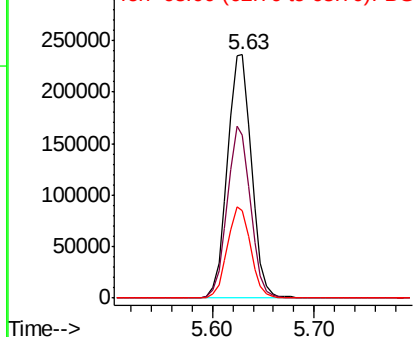
#5

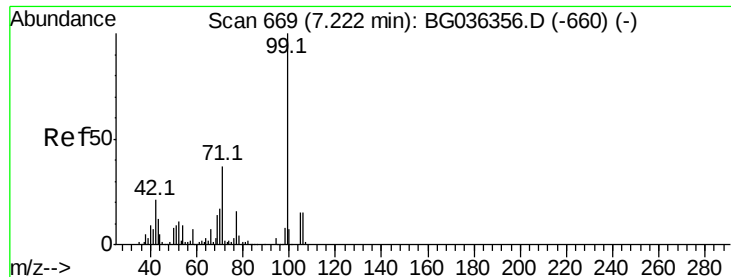
2-Fluorophenol
Concen: 105.032 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036572.D
Acq: 6 Sep 2018 16:51

Tgt Ion:112 Resp: 388823
Ion Ratio Lower Upper
112 100
64 67.0 57.2 85.8
63 35.8 30.8 46.2



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: 96.238 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036572.D

Acq: 6 Sep 2018 16:51

Instrument :

BNA_G

ClientSampleId :

CHRT-26957

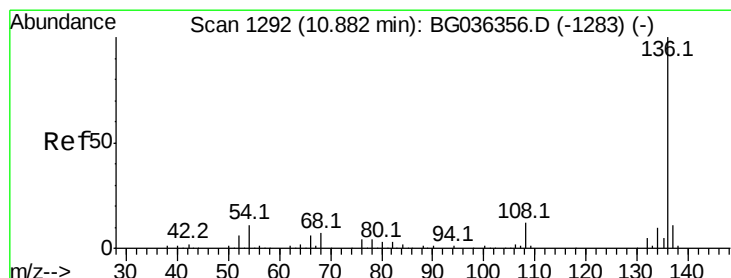
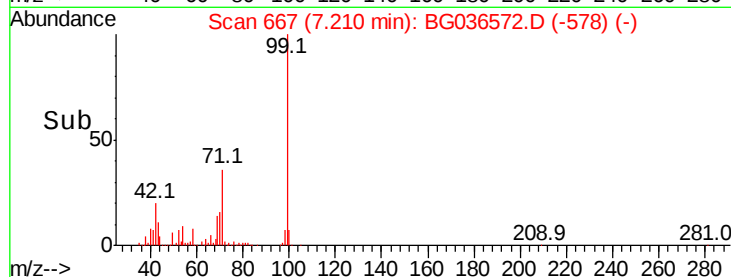
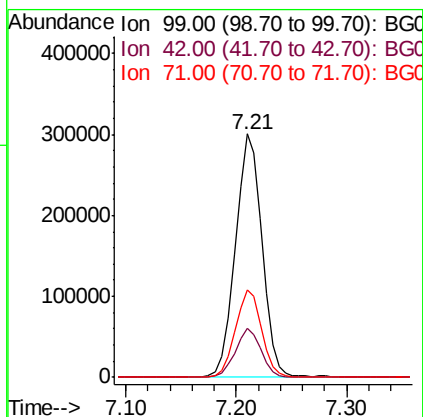
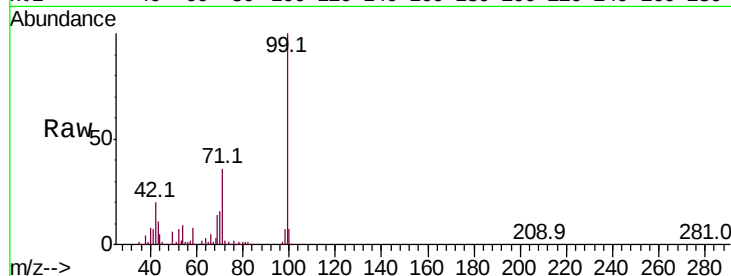
Tot Ion: 99 Resp: 510092

Ion Ratio Lower Upper

99 100

42 19.9 16.5 24.7

71 35.9 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036572.D

Acq: 6 Sep 2018 16:51

Tgt Ion: 136 Resp: 240447

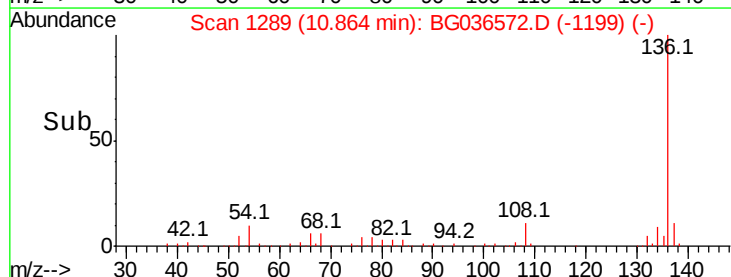
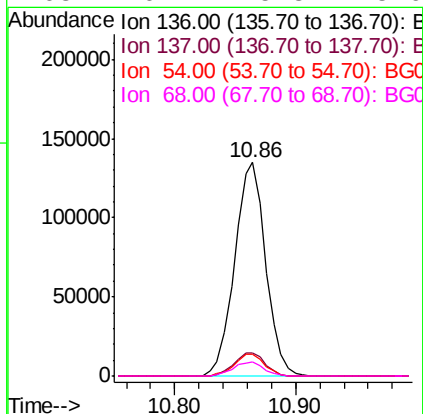
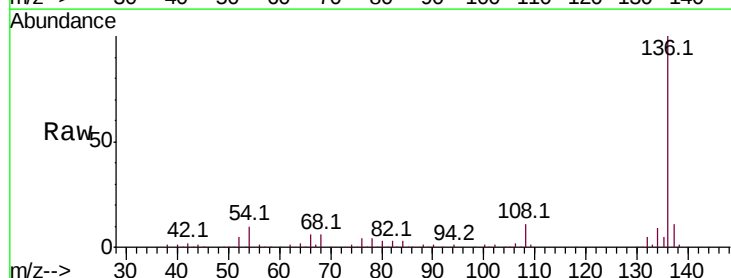
Ion Ratio Lower Upper

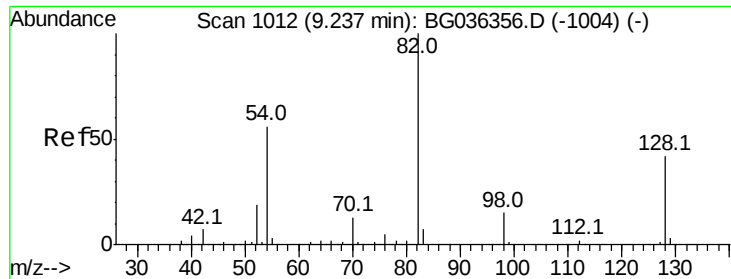
136 100

137 10.5 8.8 13.2

54 10.5 9.2 13.8

68 6.4 5.8 8.6

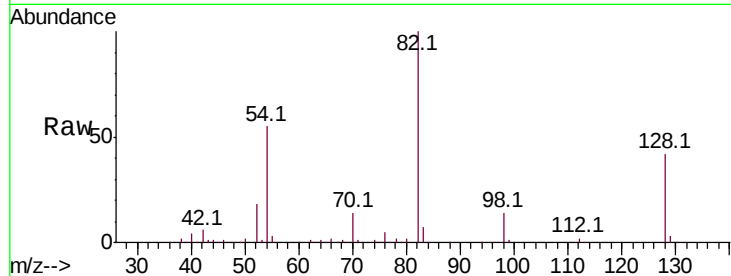




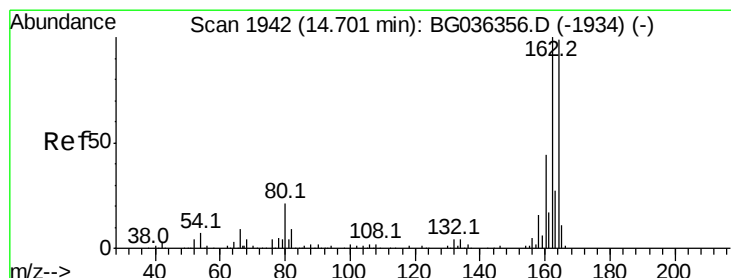
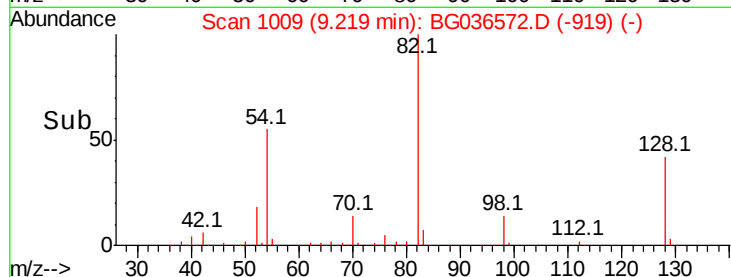
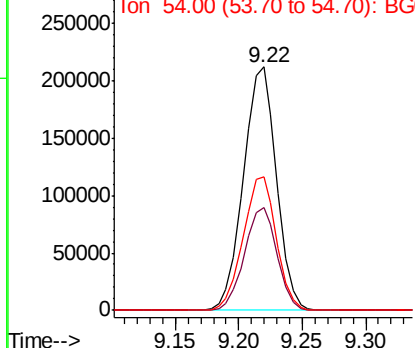
#23
Nitrobenzene-d5
Concen: 86.662 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036572.D
Acq: 6 Sep 2018 16:51

Instrument :
BNA_G
ClientSampleId :
CHRT-26957

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	54.8	45.1	67.7

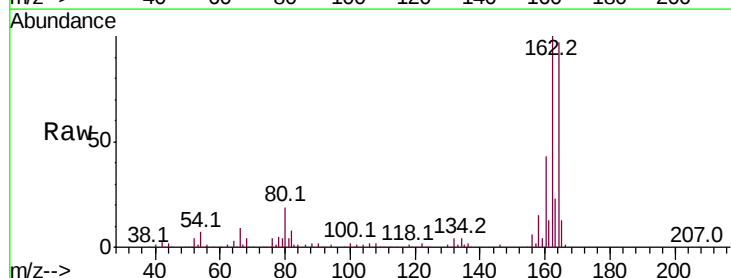


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

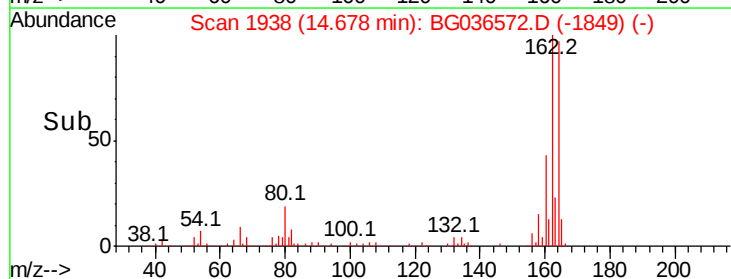
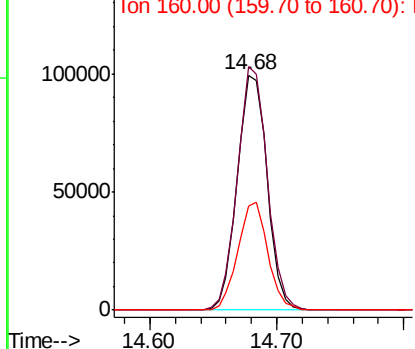


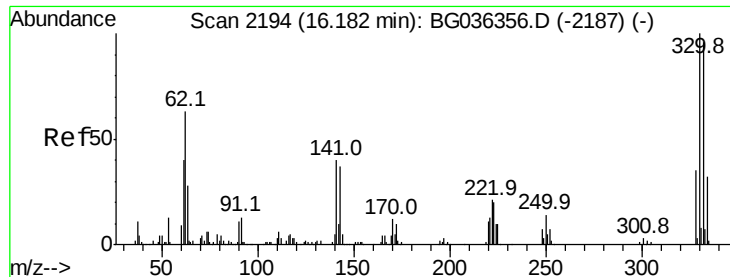
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036572.D
Acq: 6 Sep 2018 16:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.7	121.1
160	44.3	35.3	52.9



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

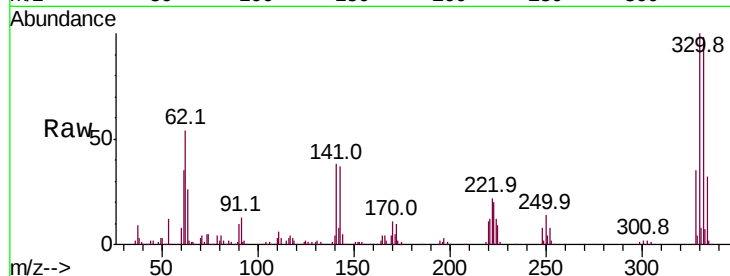




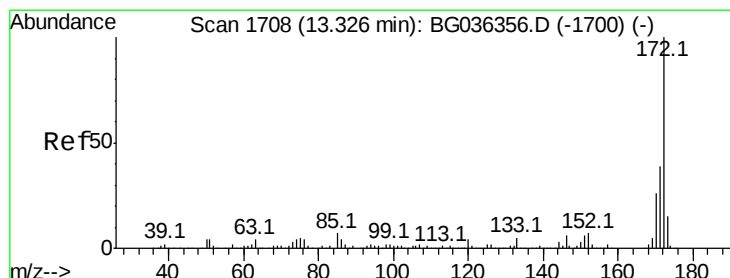
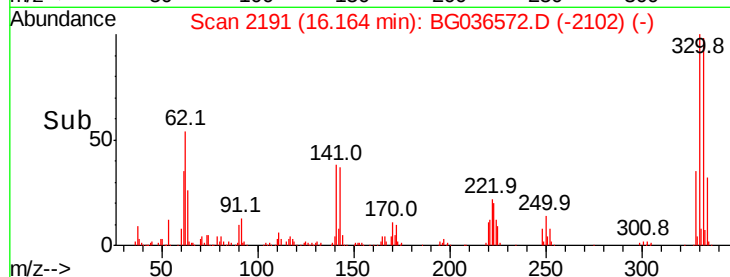
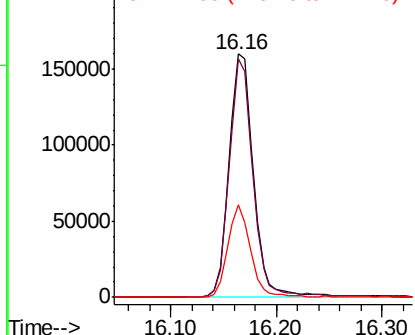
#41
 2,4,6-Tribromophenol
 Concen: 130.510 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036572.D
 Acq: 6 Sep 2018 16:51

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-26957

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.2
141	35.7	30.7	46.1

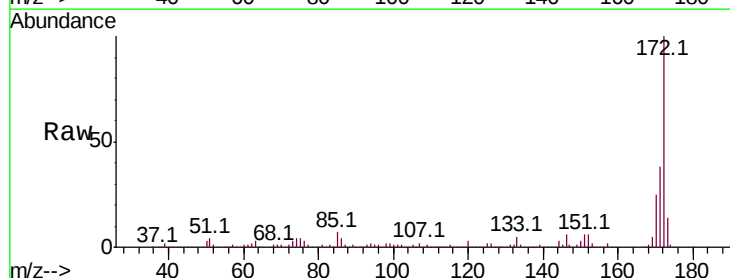


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

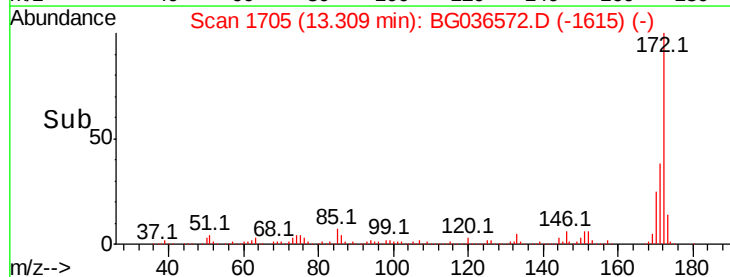
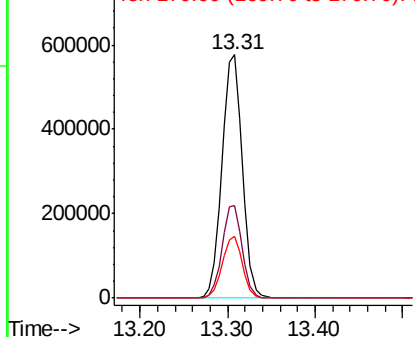


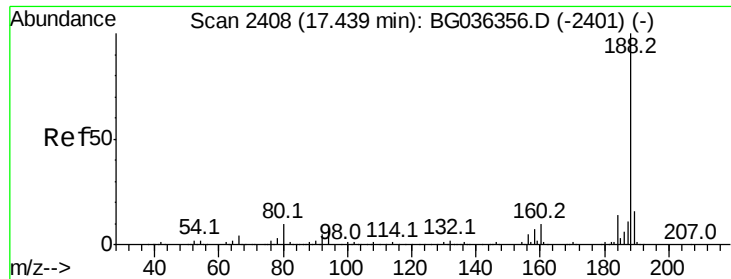
#44
 2-Fluorobiphenyl
 Concen: 81.380 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036572.D
 Acq: 6 Sep 2018 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.5	21.0	31.6



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

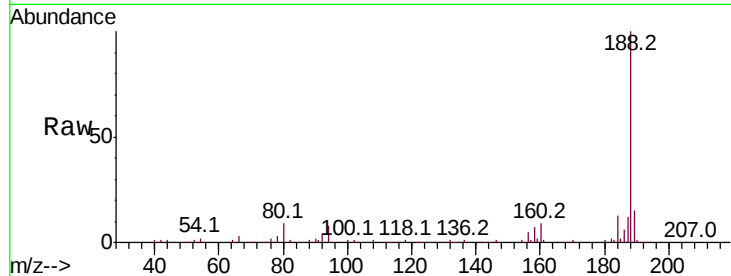




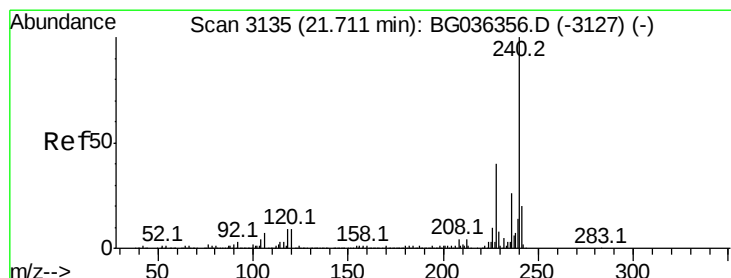
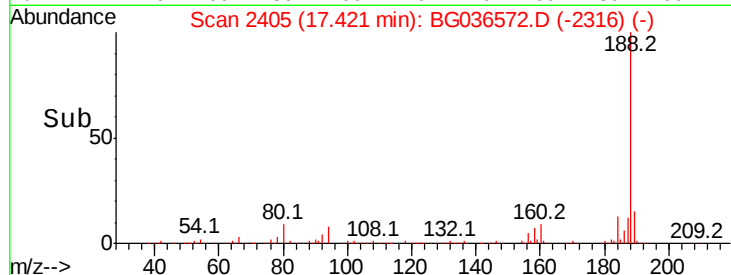
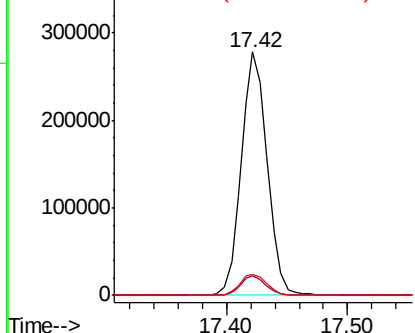
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036572.D
 Acq: 6 Sep 2018 16:51

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-26957

Tot Ion:188 Resp: 416417
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.7 10.1
 80 8.6 8.1 12.1

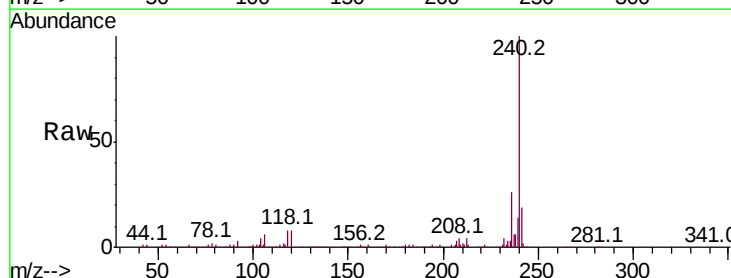


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

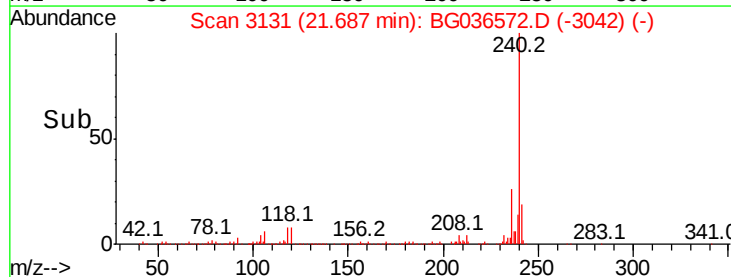
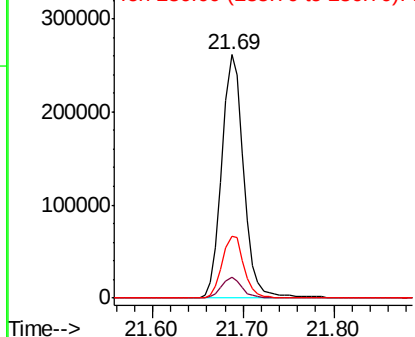


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036572.D
 Acq: 6 Sep 2018 16:51

Tgt Ion:240 Resp: 438475
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.9 10.3
 236 25.6 21.2 31.8



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



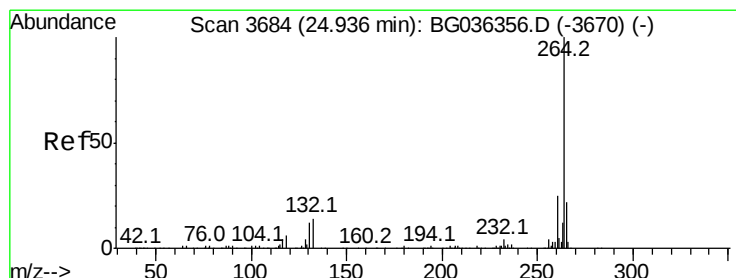
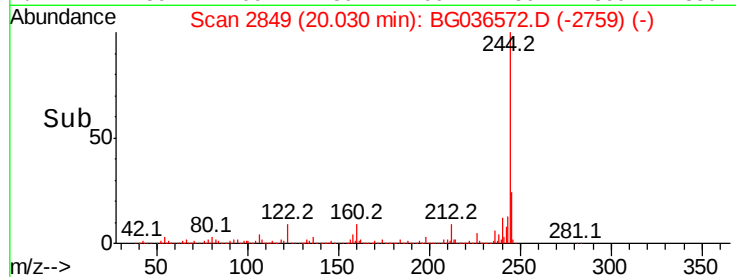
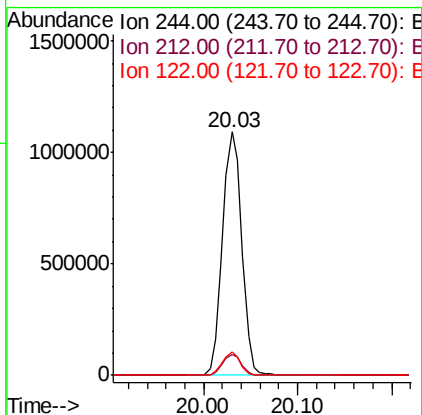
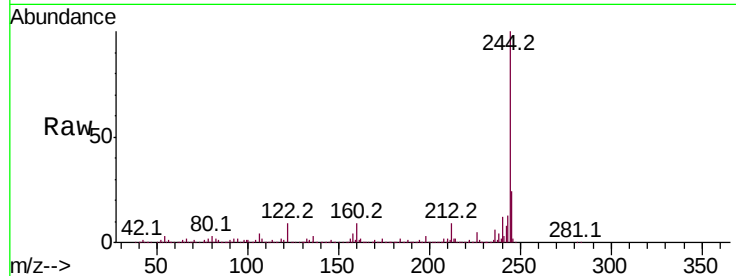


#78
 Terphenyl-d14
 Concen: 83.337 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036572.D
 Acq: 6 Sep 2018 16:51

Instrument :
 BNA_G
 ClientSampled :
 CHRT-26957

Tot Ion:244 Resp: 1563367

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.4	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BG036572.D
 Acq: 6 Sep 2018 16:51

Tgt Ion:264 Resp: 395690

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.6	29.4
265	22.2	17.4	26.0

