

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038160.D
 Acq On : 27 Nov 2018 8:15
 Operator : JU/SJ
 Sample : J6061-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112018-CHDE-E-D-B

Quant Time: Nov 27 09:47:49 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

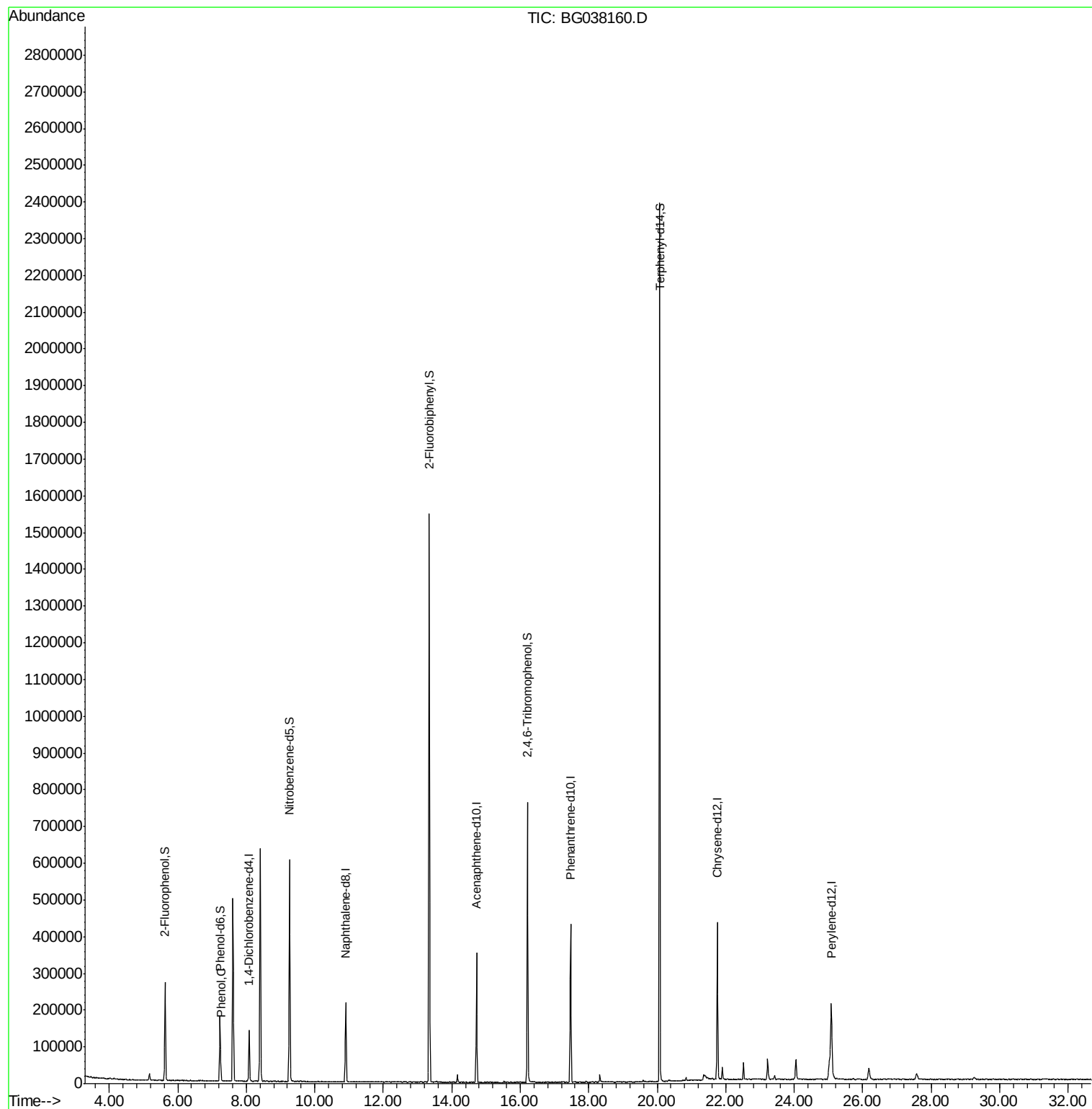
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	40388	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	193514	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	124005	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	271778	20.00	ng	0.00
76) Chrysene-d12	21.76	240	254952	20.00	ng	0.00
87) Perylene-d12	25.08	264	252570	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	123186	52.66	ng	0.00
7) Phenol-d6	7.23	99	107380	32.16	ng	0.00
23) Nitrobenzene-d5	9.26	82	372096	102.93	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	136089	96.23	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	838338	98.49	ng	0.00
79) Terphenyl-d14	20.07	244	1173881	108.34	ng	0.00
Target Compounds						
10) Phenol	7.26	94	16165	4.570	ng	Qvalue 97

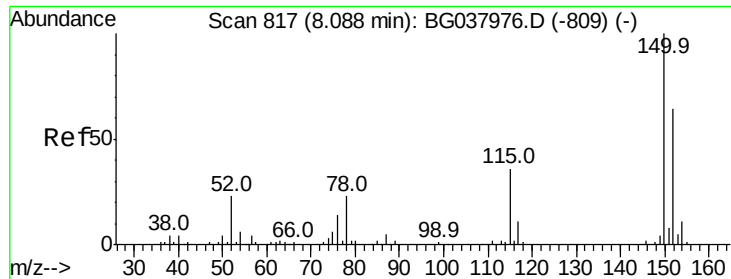
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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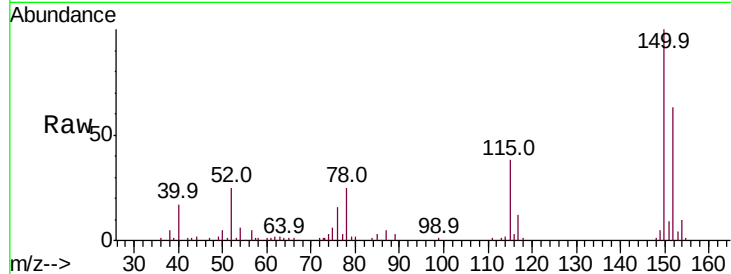


#1

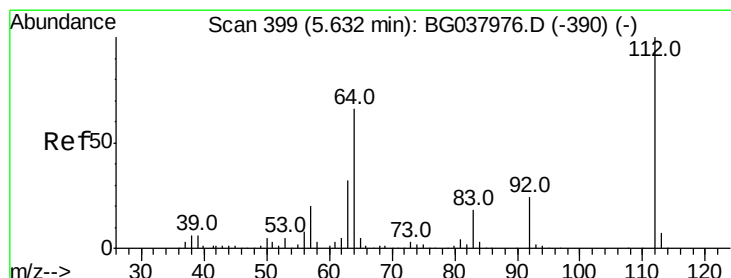
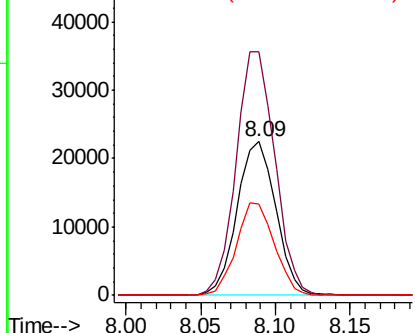
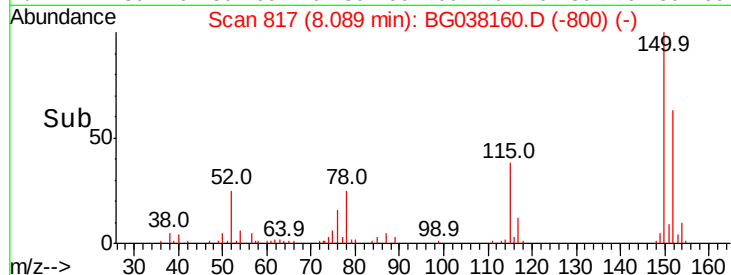
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Instrument :
BNA_G
ClientSampleId :
112018-CHDE-E-D-B

Tot Ion:152 Resp: 40388
Ion Ratio Lower Upper
152 100
150 158.5 126.0 189.0
115 59.7 45.5 68.3



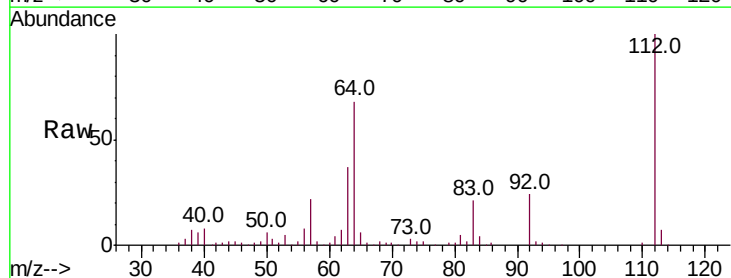
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



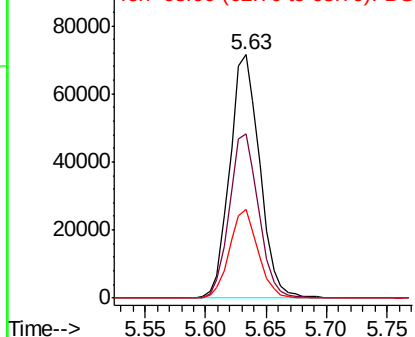
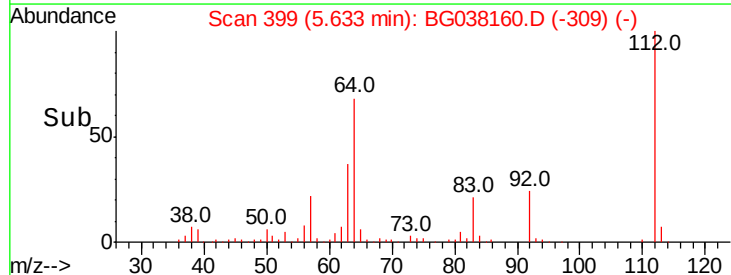
#5

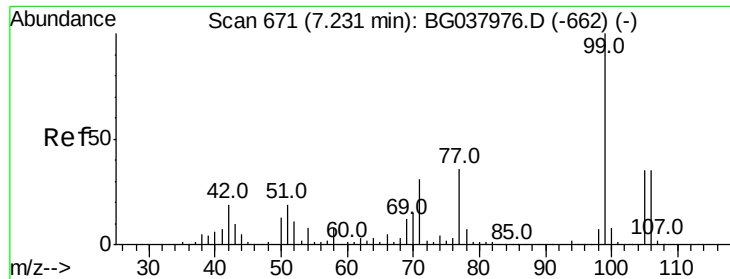
2-Fluorophenol
Concen: 52.661 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Tgt Ion:112 Resp: 123186
Ion Ratio Lower Upper
112 100
64 67.5 53.1 79.7
63 36.6 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: 32.159 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038160.D

Acq: 27 Nov 2018 8:15

Instrument :

BNA_G

ClientSampleId :

112018-CHDE-E-D-B

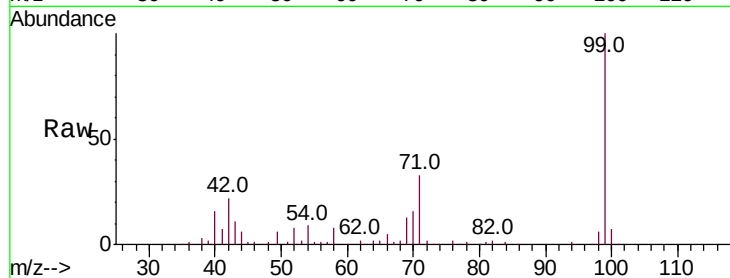
Tot Ion: 99 Resp: 107380

Ion Ratio Lower Upper

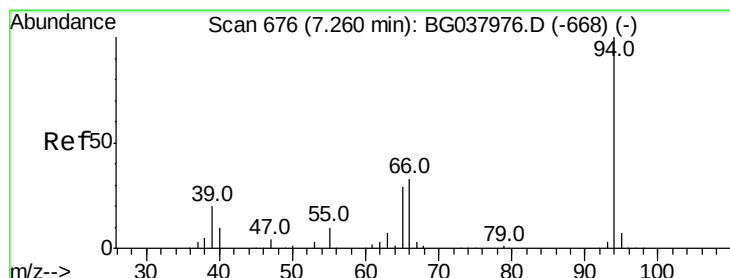
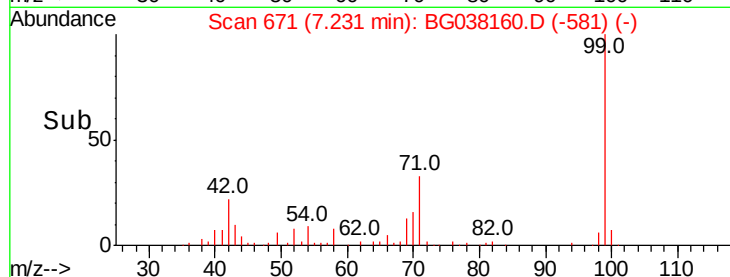
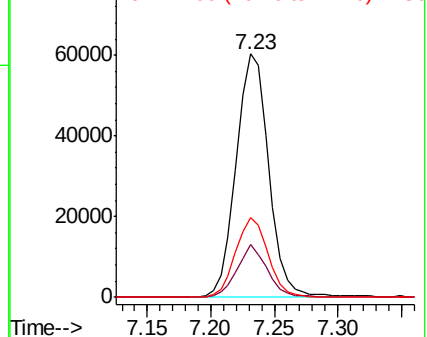
99 100

42 21.8 15.0 22.4

71 32.5 25.5 38.3



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



#10

Phenol

Concen: 4.570 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038160.D

Acq: 27 Nov 2018 8:15

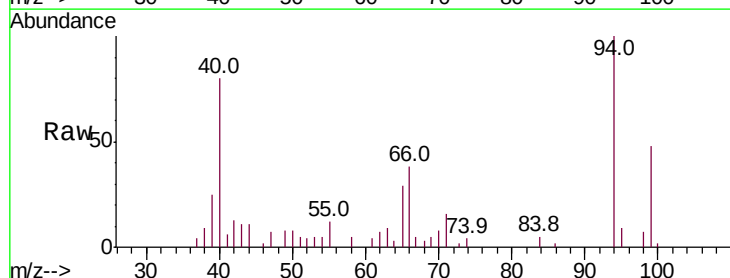
Tgt Ion: 94 Resp: 16165

Ion Ratio Lower Upper

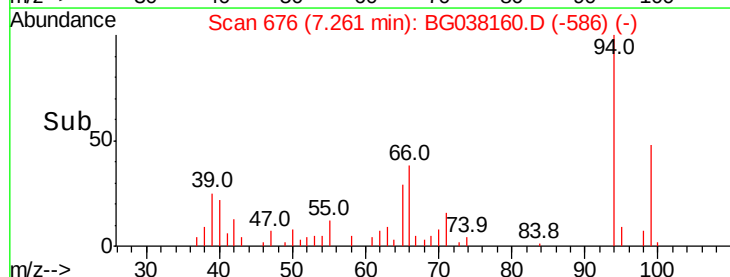
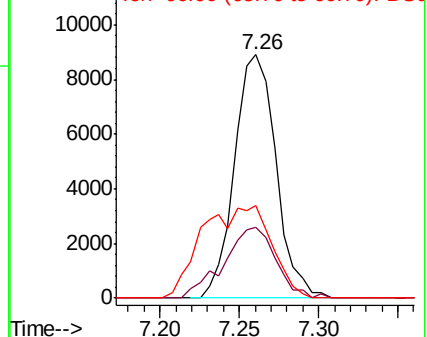
94 100

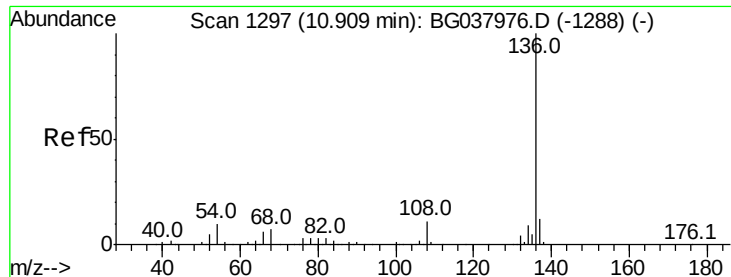
65 28.9 9.7 49.7

66 37.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

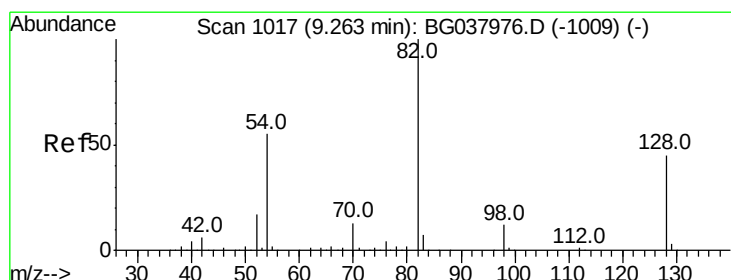
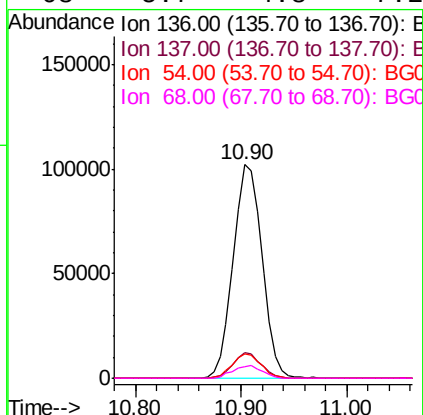
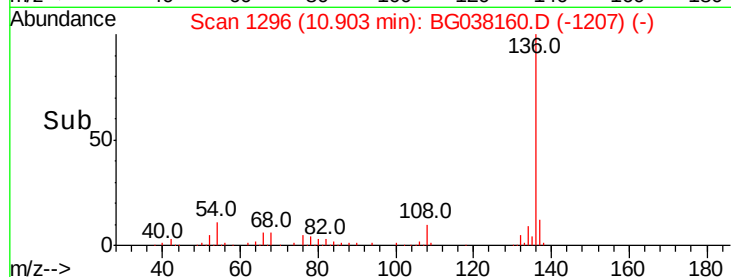
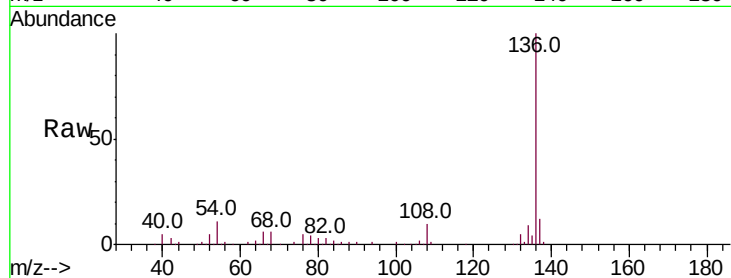




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

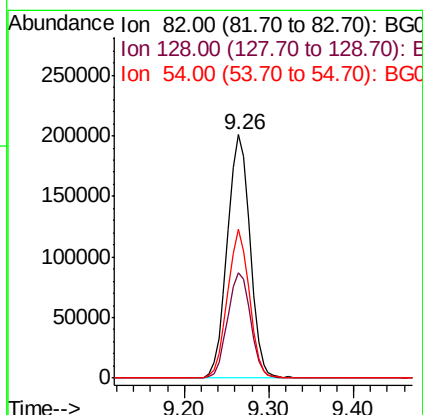
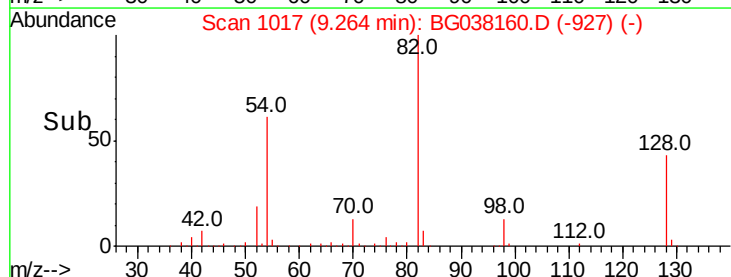
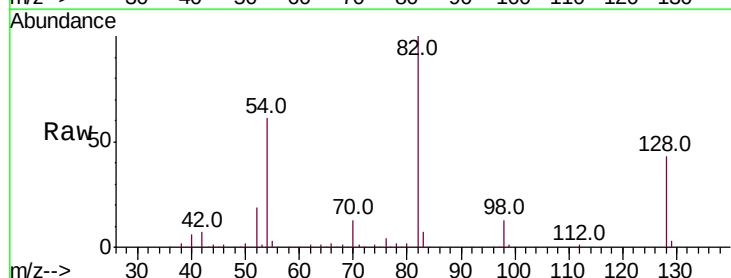
Instrument :
BNA_G
ClientSampleId :
112018-CHDE-E-D-B

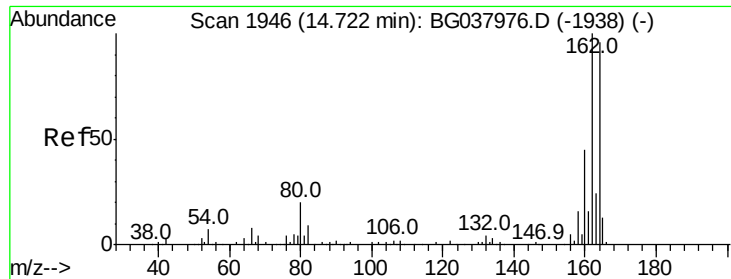
Tot Ion:	136	Resp:	193514
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	11.4	7.9	11.9
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 102.930 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Tgt Ion:	82	Resp:	372096
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	61.0	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038160.D

Acq: 27 Nov 2018 8:15

Instrument :

BNA_G

ClientSampleId :

112018-CHDE-E-D-B

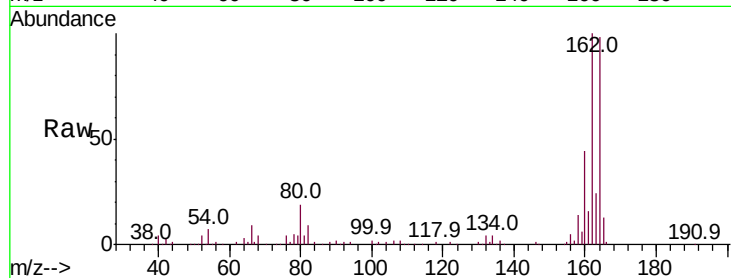
Tot Ion:164 Resp: 124005

Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

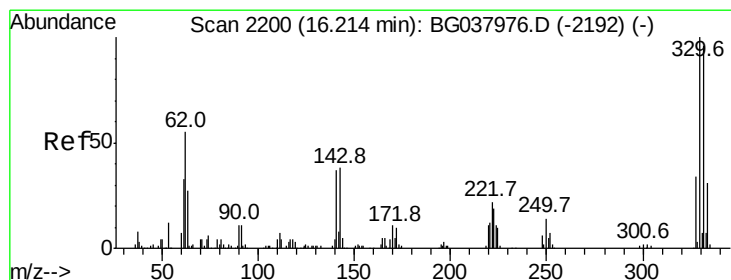
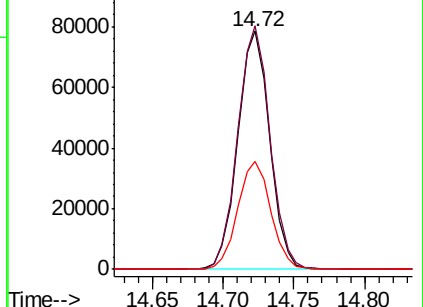
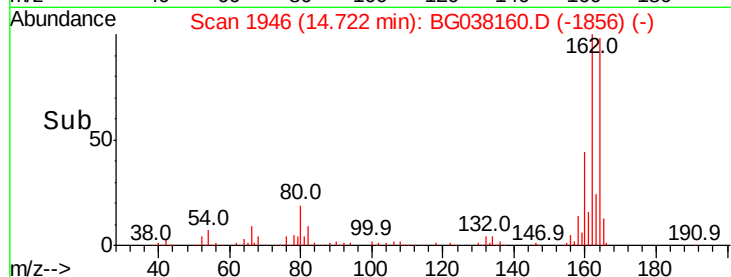
160 45.2 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 96.227 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038160.D

Acq: 27 Nov 2018 8:15

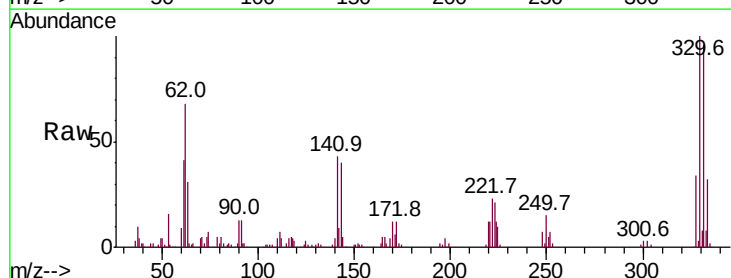
Tgt Ion:330 Resp: 136089

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

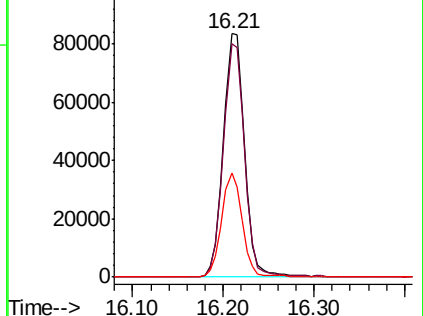
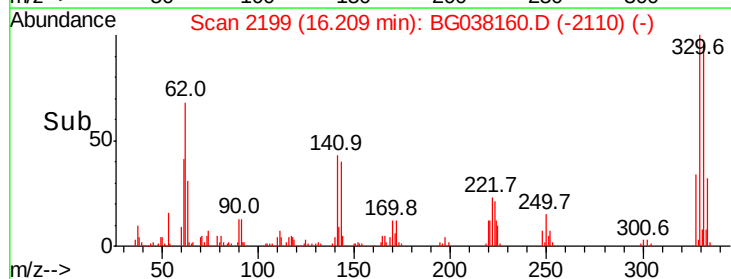
141 41.6 32.2 48.2

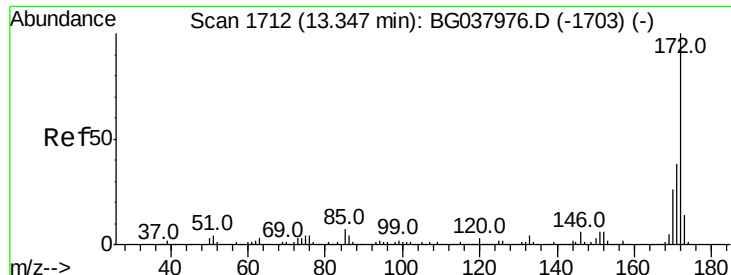


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

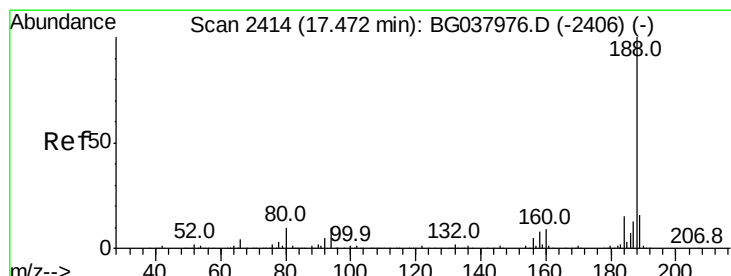
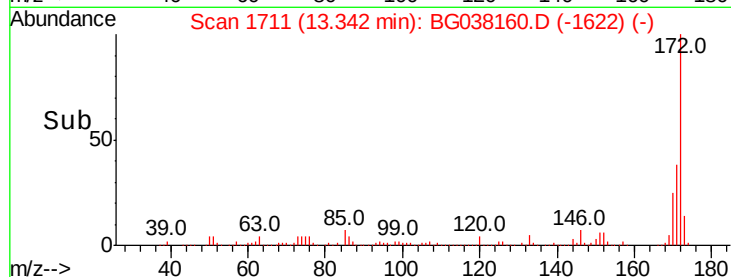
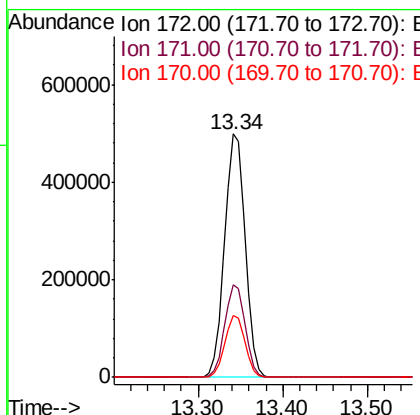
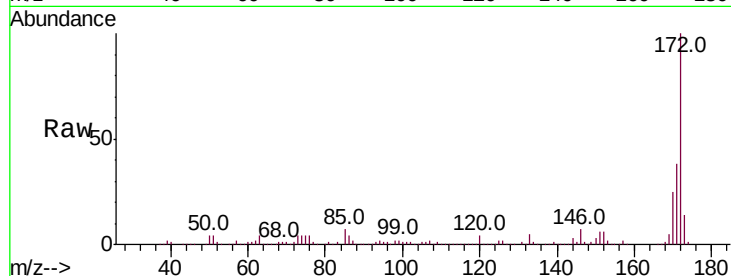




#45
 2-Fluorobiphenyl
 Concen: 98.491 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038160.D
 Acq: 27 Nov 2018 8:15

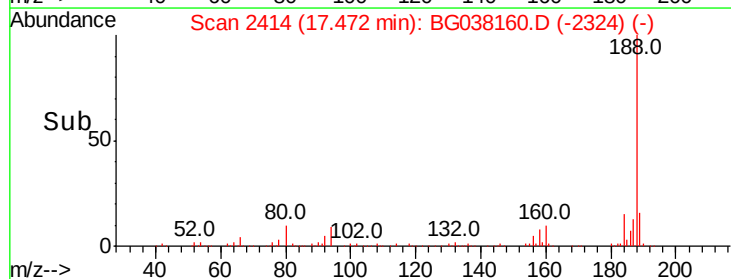
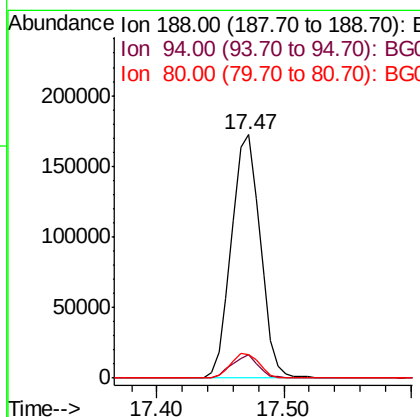
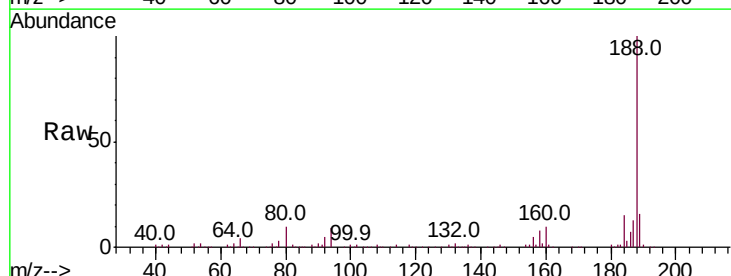
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 BNA_G
 ClientSampleId :
 112018-CHDE-E-D-B

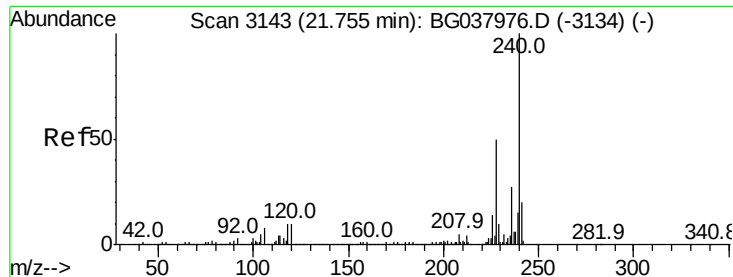
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.2	20.2	30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG038160.D
 Acq: 27 Nov 2018 8:15

Tgt 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# 3143

Delta R.T. 0.00 min

Lab File: BG038160.D

Acq: 27 Nov 2018 8:15

Instrument :

BNA_G

ClientSampleId :

112018-CHDE-E-D-B

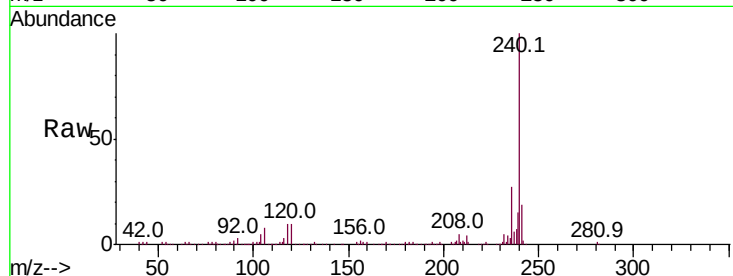
Tot Ion:240 Resp: 254952

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

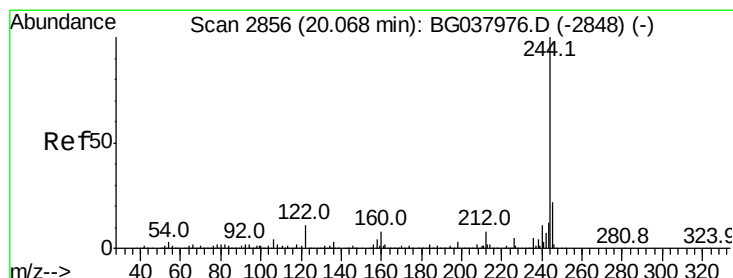
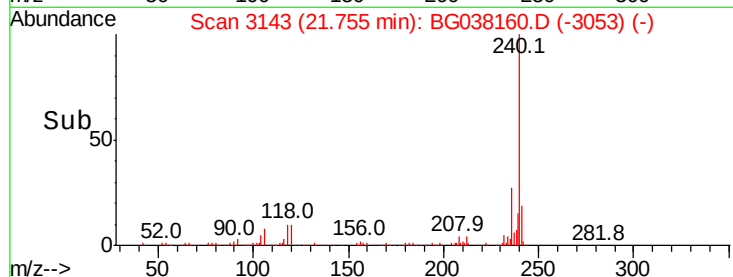
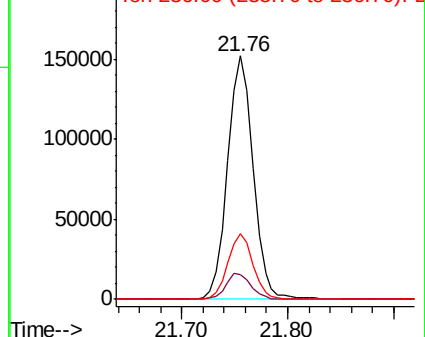
236 27.2 21.4 32.0



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: 108.340 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038160.D

Acq: 27 Nov 2018 8:15

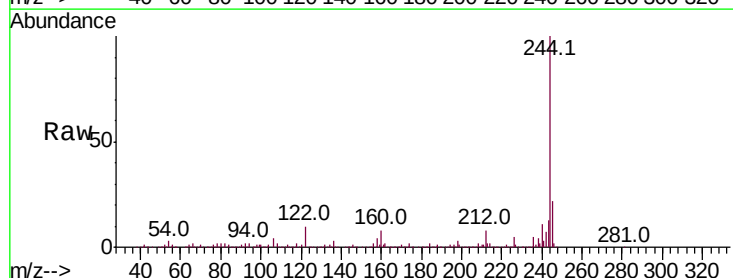
Tgt Ion:244 Resp: 1173881

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

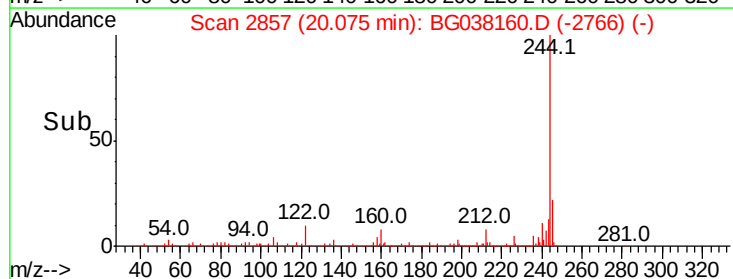
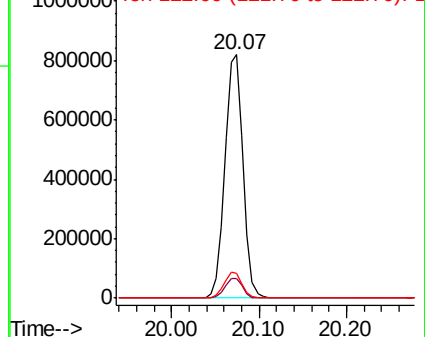
122 10.1 9.0 13.4

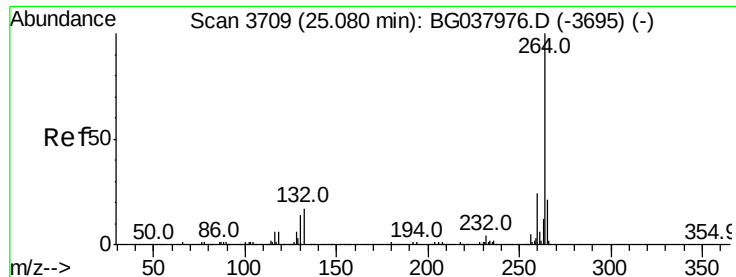


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Instrument :
BNA_G
ClientSampleId :
112018-CHDE-E-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.6	17.9	26.9

