

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
 Data File : BG042709.D
 Acq On : 4 Sep 2019 16:03
 Operator : HP/JU
 Sample : K4555-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)

Quant Time: Sep 04 18:36:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37944	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	142778	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	105930	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	253338	20.00	ng	0.00
76) Chrysene-d12	21.69	240	284250	20.00	ng	0.00
87) Perylene-d12	24.93	264	330742	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	219043	116.92	ng	0.00
7) Phenol-d6	7.16	99	248812	98.32	ng	0.00
23) Nitrobenzene-d5	9.17	82	176284	85.32	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	202597	134.56	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	575613	91.90	ng	0.00
79) Terphenyl-d14	20.02	244	1192447	90.69	ng	0.00

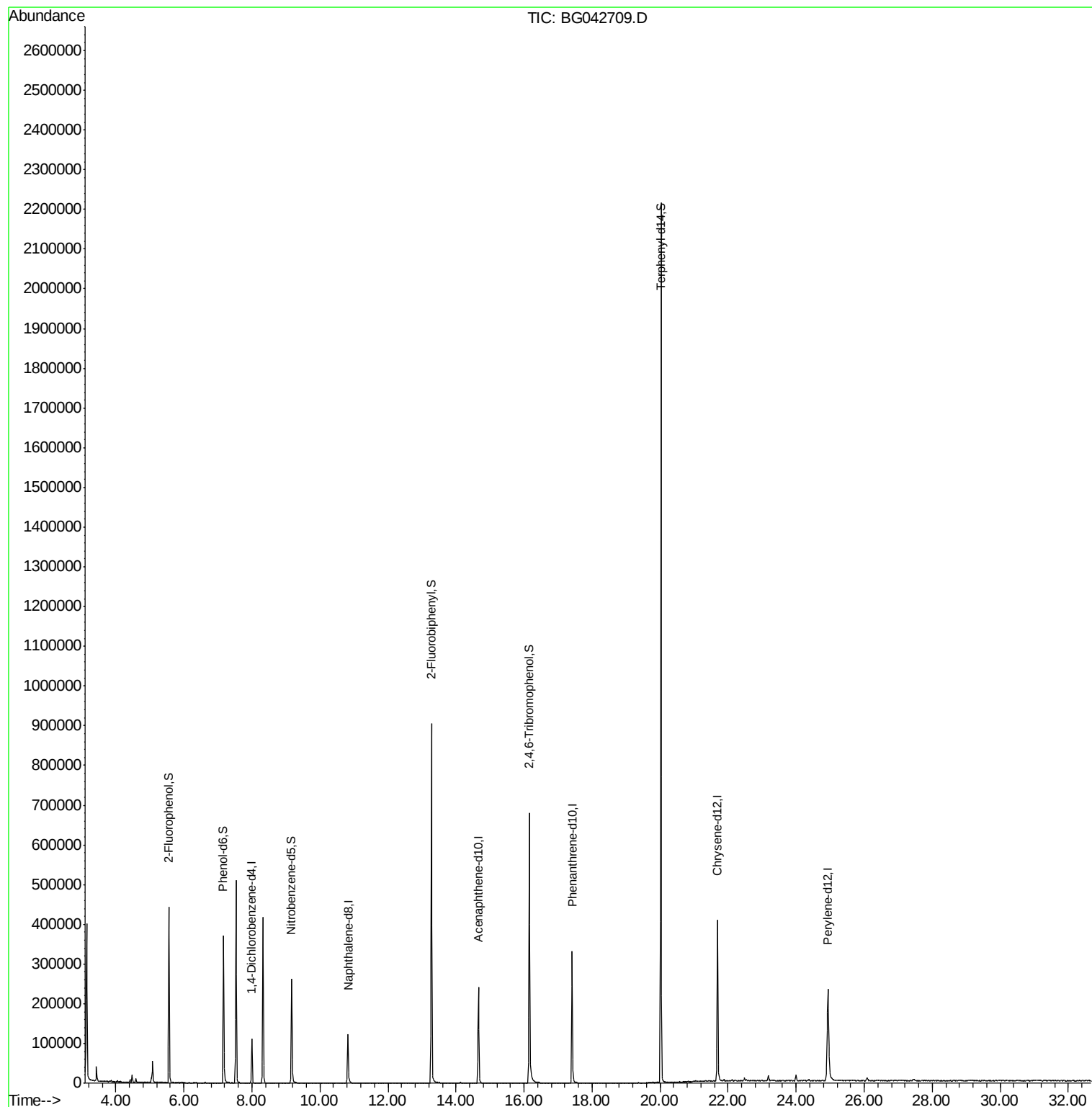
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG042709.D

Acq: 4 Sep 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PAR-11-A1-A4-(0-4)

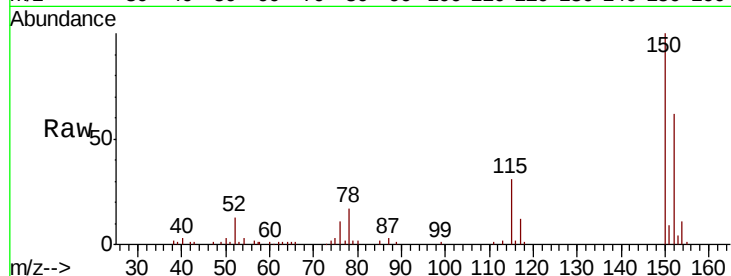
Tot Ion:152 Resp: 37944

Ion Ratio Lower Upper

152 100

150 161.3 125.4 188.0

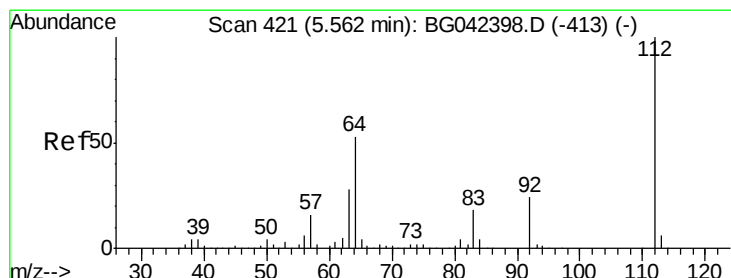
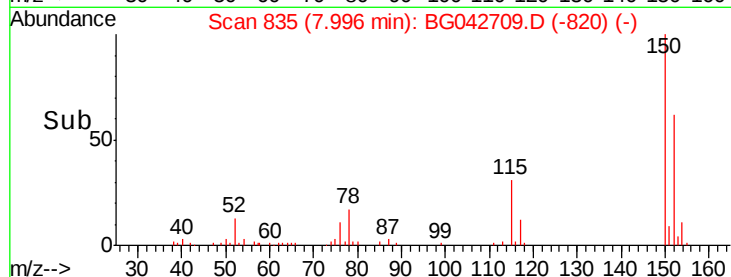
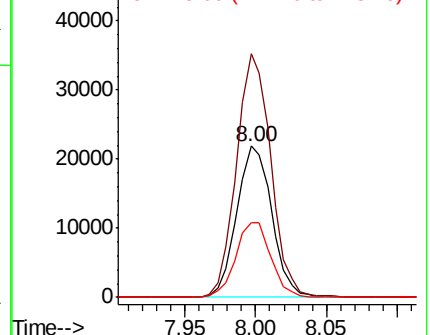
115 49.5 38.5 57.7



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: 116.916 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042709.D

Acq: 4 Sep 2019 16:03

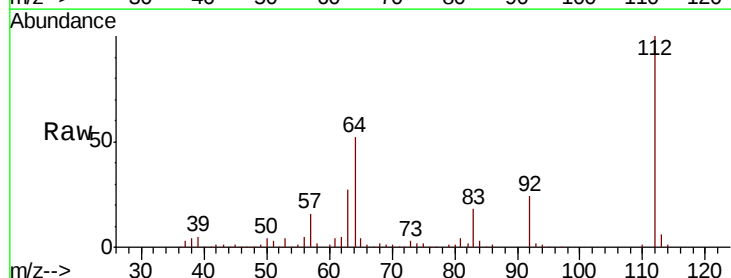
Tgt Ion:112 Resp: 219043

Ion Ratio Lower Upper

112 100

64 52.1 42.8 64.2

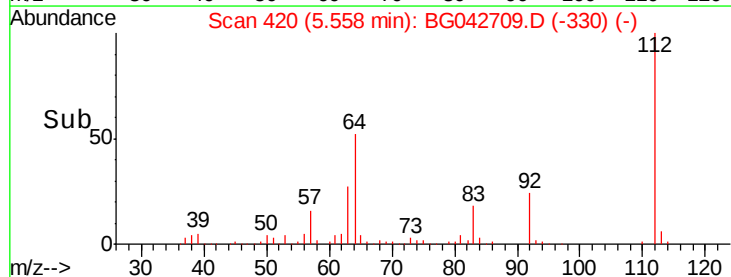
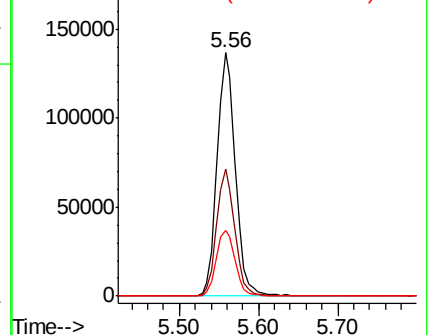
63 26.9 22.7 34.1



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: 98.318 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042709.D

Acq: 4 Sep 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PAR-11-A1-A4-(0-4)

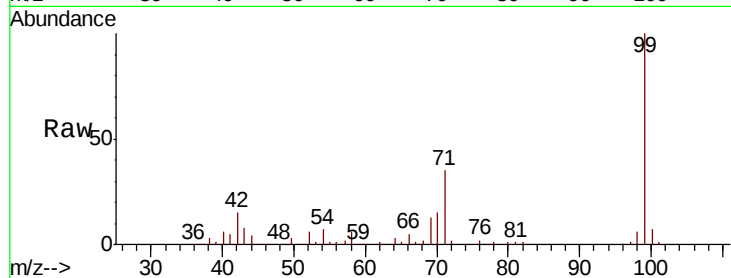
Tot Ion: 99 Resp: 248812

Ion Ratio Lower Upper

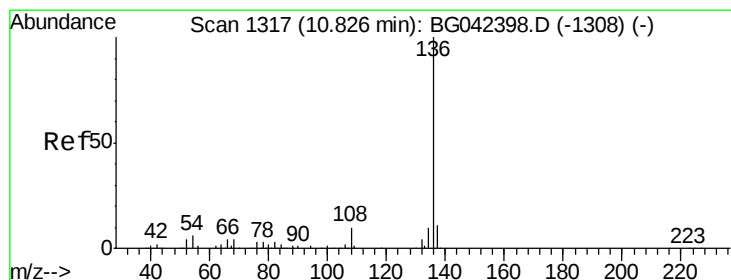
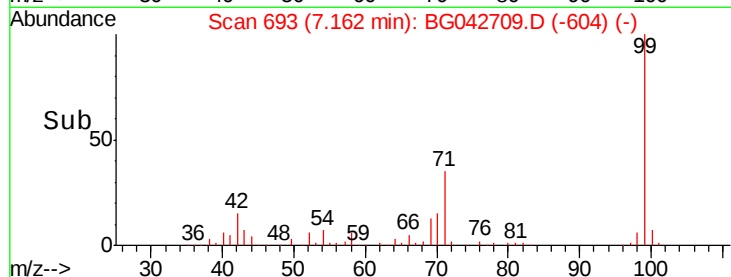
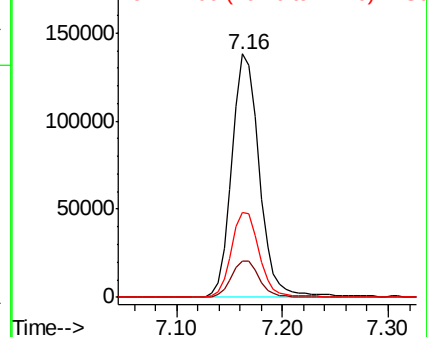
99 100

42 14.9 12.0 18.0

71 35.1 26.3 39.5



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: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042709.D

Acq: 4 Sep 2019 16:03

Tgt Ion: 136 Resp: 142778

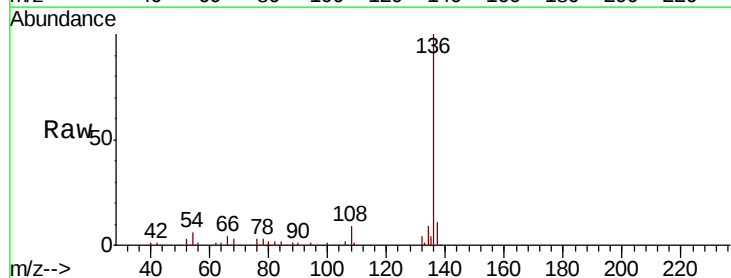
Ion Ratio Lower Upper

136 100

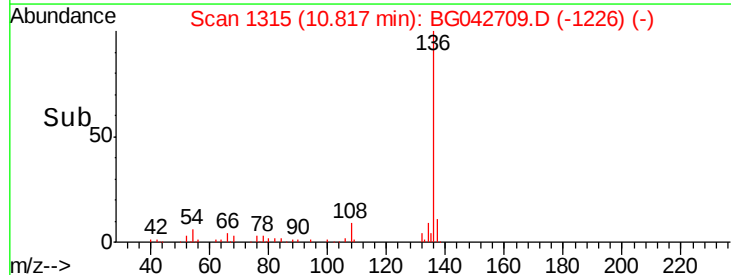
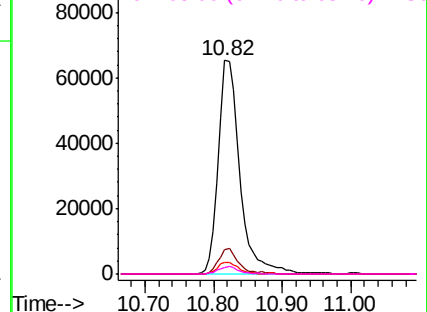
137 11.5 8.7 13.1

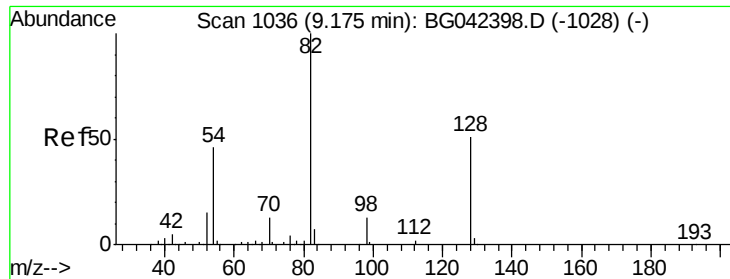
54 5.6 4.9 7.3

68 3.1 3.6 5.4#



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

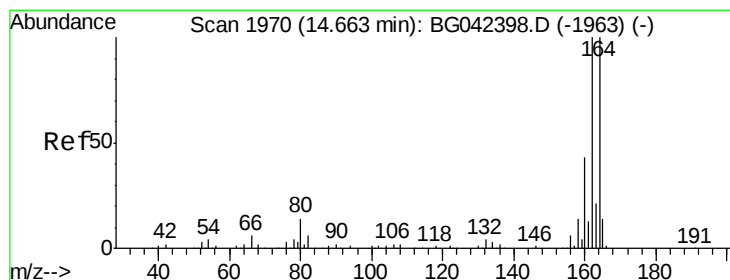
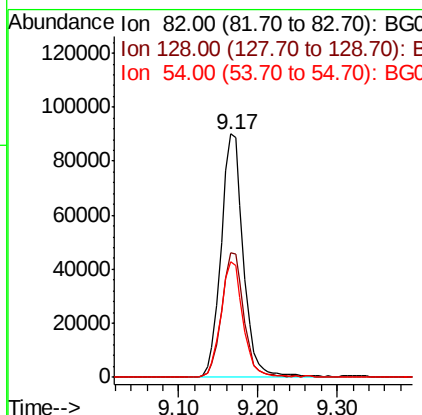
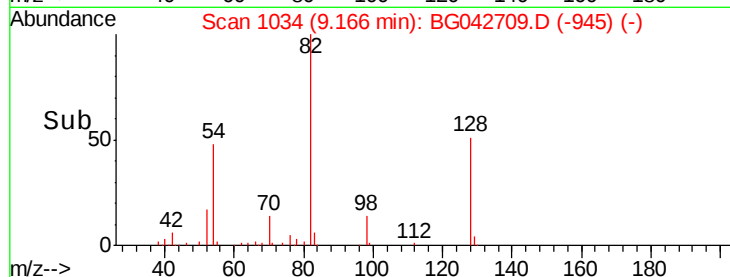
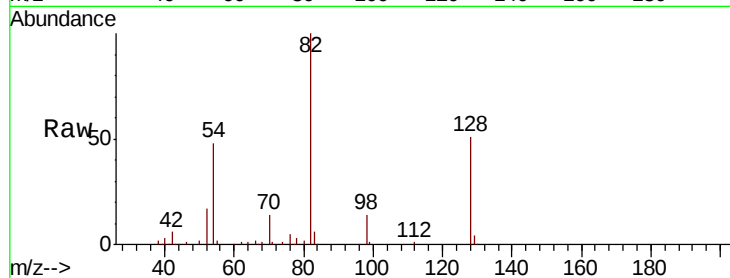




#23
Nitrobenzene-d5
Concen: 85.321 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042709.D
Acq: 4 Sep 2019 16:03

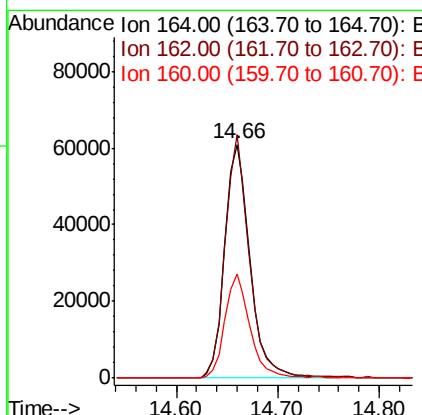
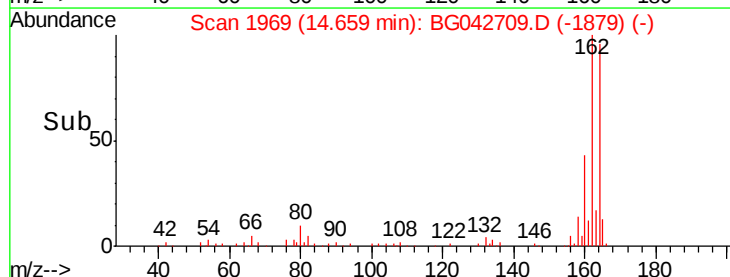
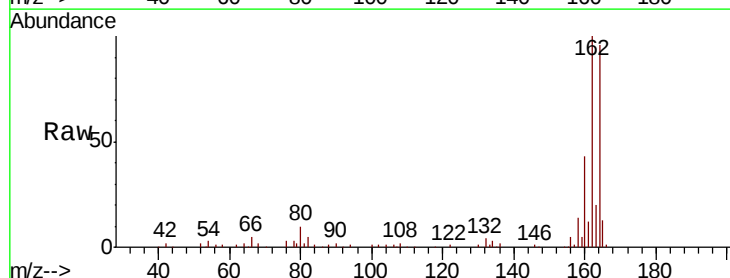
Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)

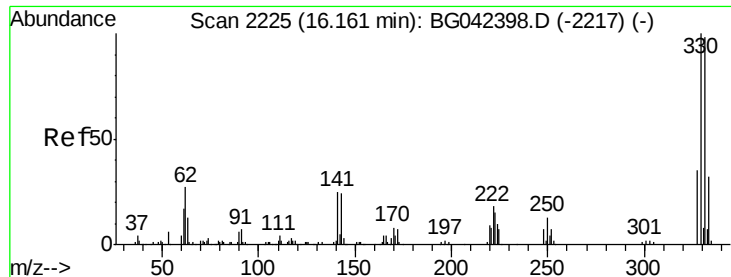
Tot Ion: 82 Resp: 176284
Ion Ratio Lower Upper
82 100
128 51.1 40.7 61.1
54 47.5 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042709.D
Acq: 4 Sep 2019 16:03

Tgt Ion: 164 Resp: 105930
Ion Ratio Lower Upper
164 100
162 104.2 79.9 119.9
160 44.4 34.3 51.5

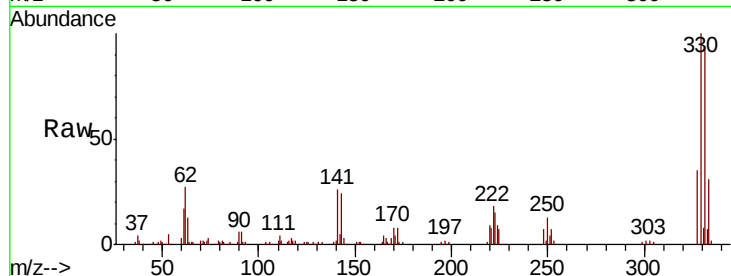




#42
 2,4,6-Tribromophenol
 Concen: 134.560 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042709.D
 Acq: 4 Sep 2019 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.0
141	27.0	21.4	32.0

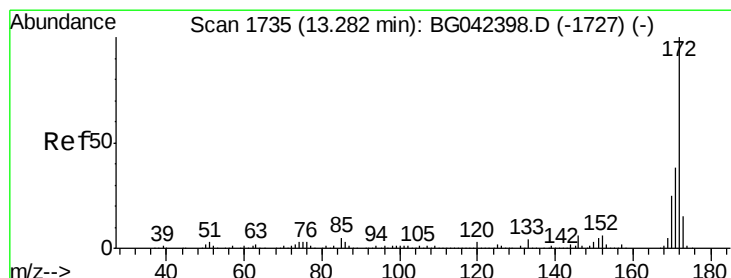
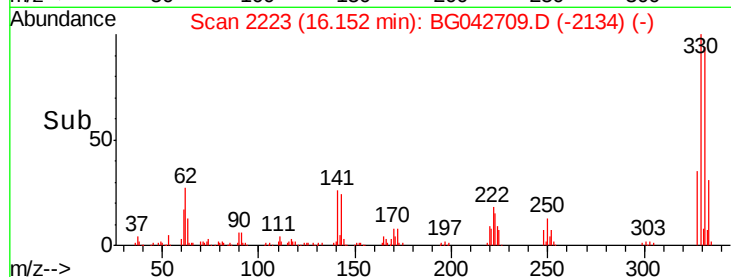
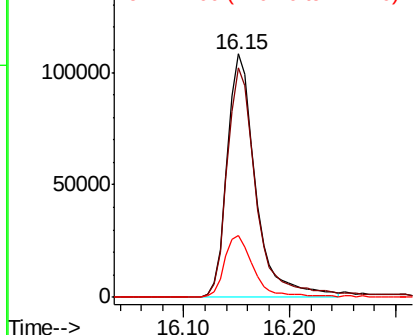


Abundance

Ion 329.80 (329.50 to 330.50): E

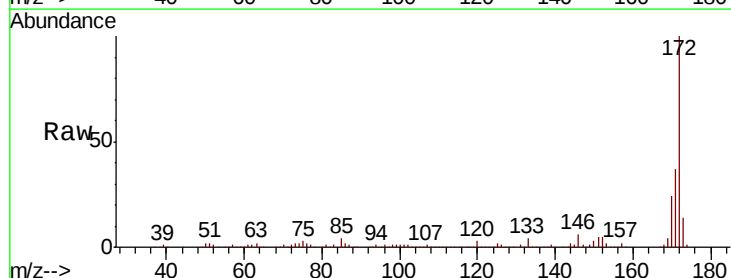
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.903 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042709.D
 Acq: 4 Sep 2019 16:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	23.8	20.2	30.2

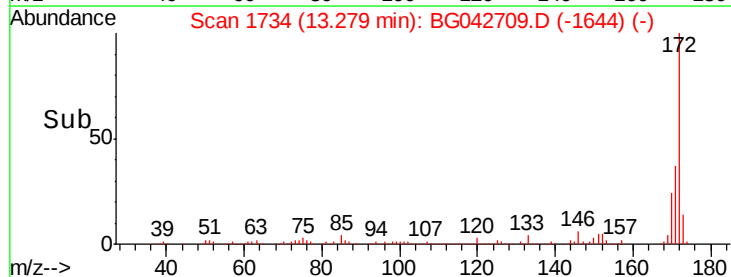
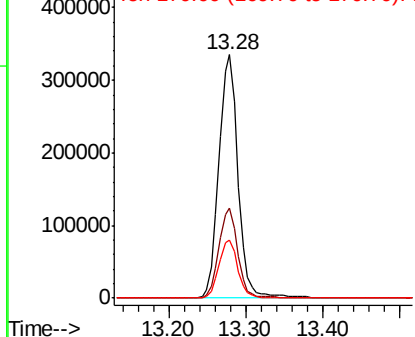


Abundance

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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042709.D

Acq: 4 Sep 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PAR-11-A1-A4-(0-4)

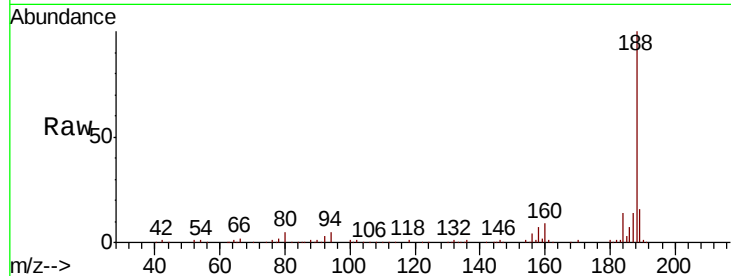
Tot Ion:188 Resp: 253338

Ion Ratio Lower Upper

188 100

94 5.3 4.5 6.7

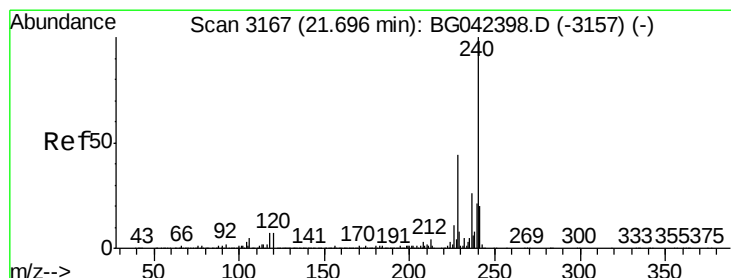
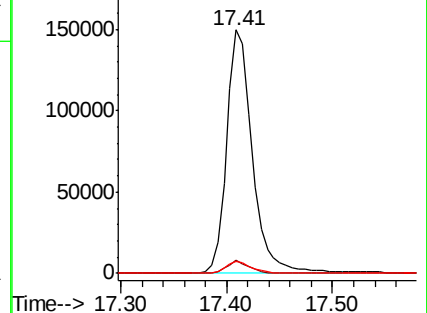
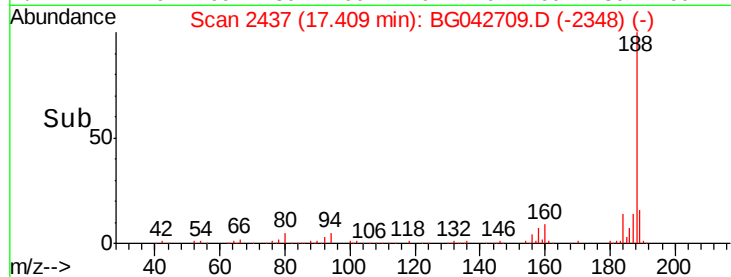
80 5.0 4.9 7.3



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: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042709.D

Acq: 4 Sep 2019 16:03

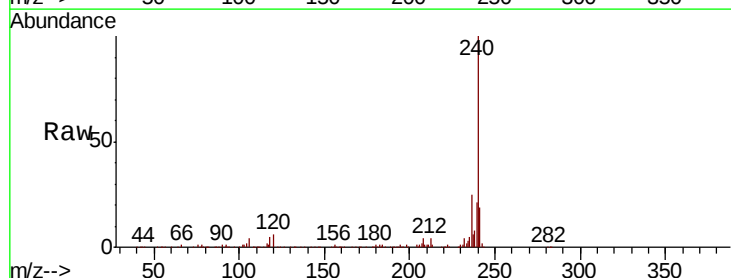
Tgt Ion:240 Resp: 284250

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

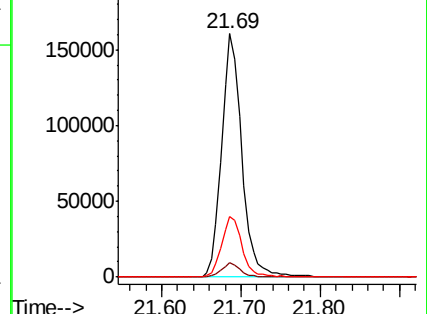
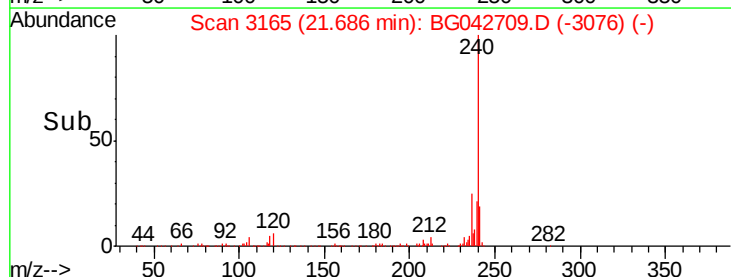
236 24.9 21.0 31.4



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: 90.694 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042709.D

Acq: 4 Sep 2019 16:03

Instrument :

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ClientSampleId :

PAR-11-A1-A4-(0-4)

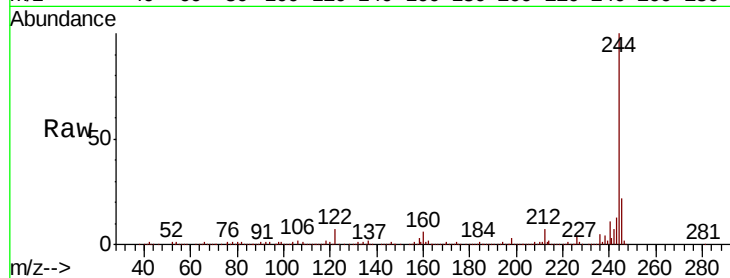
Tot Ion:244 Resp: 1192447

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 6.7 6.7 10.1#

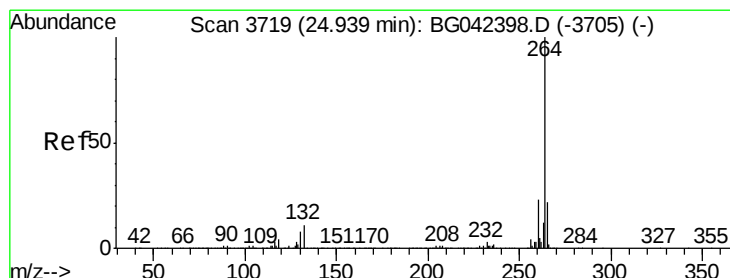
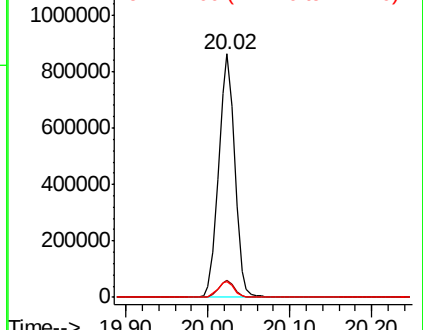
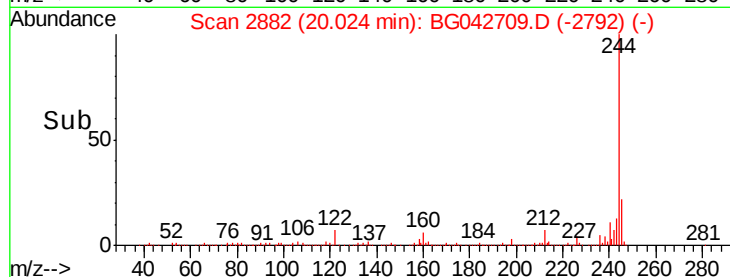


Abundance

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: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042709.D

Acq: 4 Sep 2019 16:03

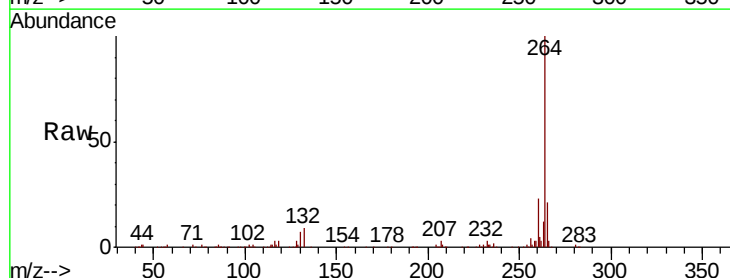
Tgt Ion:264 Resp: 330742

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.1 17.6 26.4



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

