

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
 Data File : BG042708.D
 Acq On : 4 Sep 2019 15:25
 Operator : HP/JU
 Sample : K4555-23
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-10-DEP

Quant Time: Sep 04 18:33:58 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	37779	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	138351	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	104417	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	245764	20.00	ng	0.00
76) Chrysene-d12	21.69	240	273425	20.00	ng	0.00
87) Perylene-d12	24.93	264	313983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	82646	44.31	ng	0.00
7) Phenol-d6	7.16	99	66058	26.22	ng	-0.01
23) Nitrobenzene-d5	9.17	82	186140	92.97	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	148914	100.34	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	627150	101.58	ng	0.00
79) Terphenyl-d14	20.02	244	1188401	93.96	ng	0.00

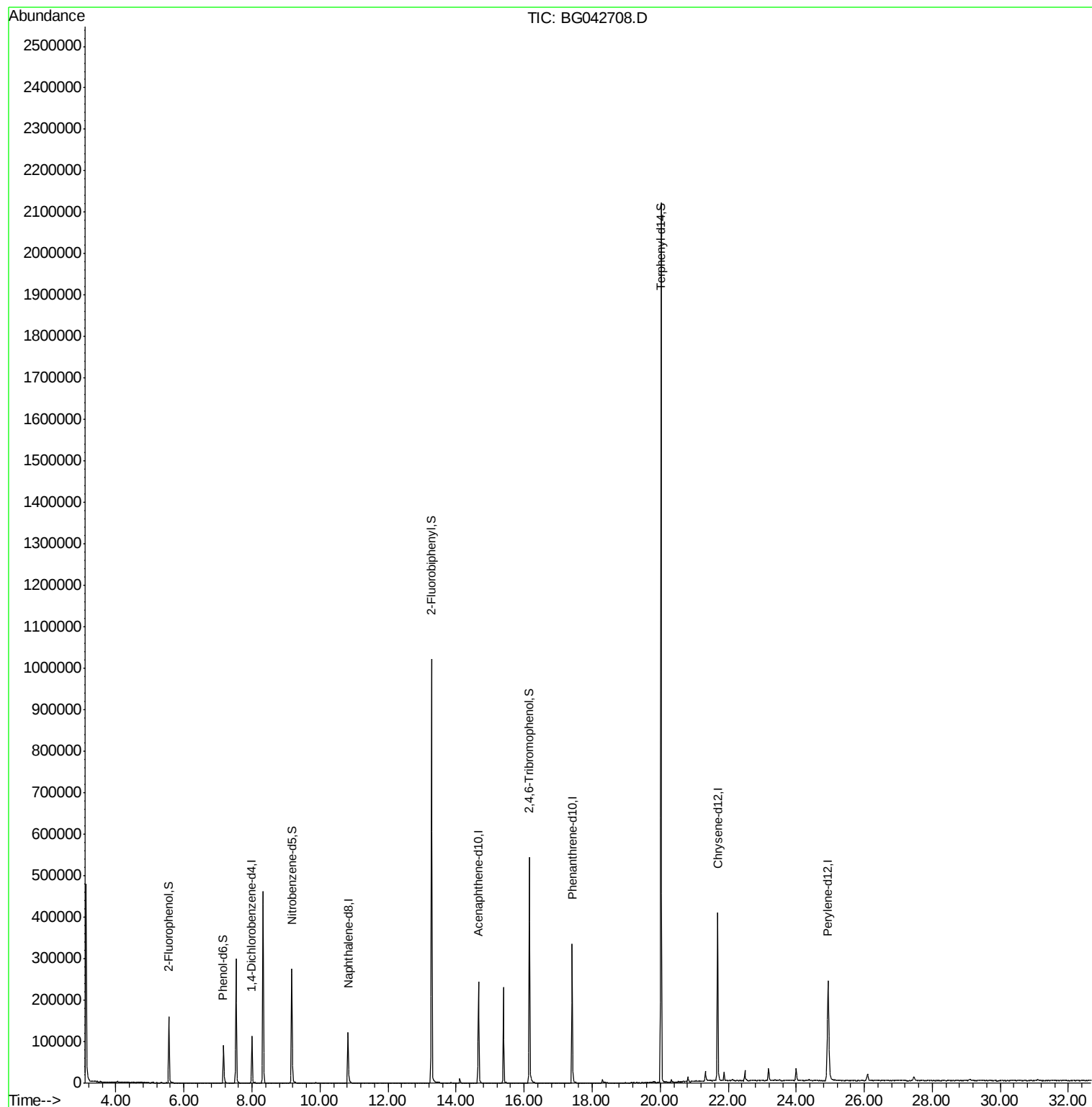
Target Compounds Qvalue

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

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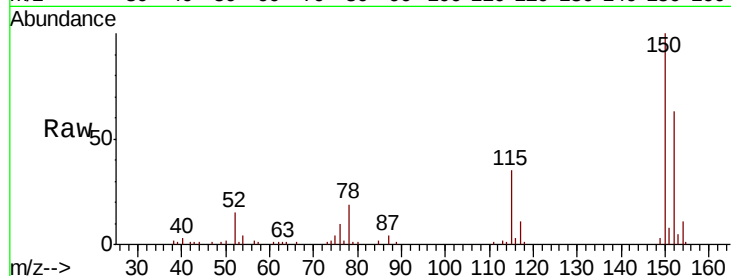


#1

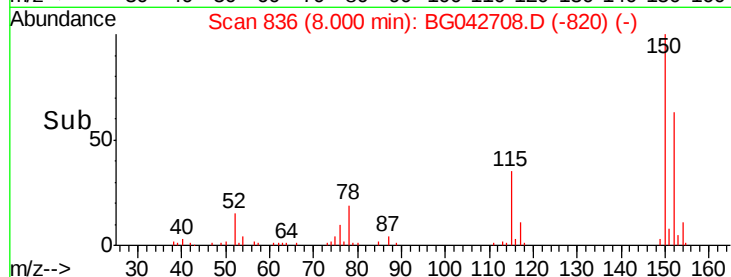
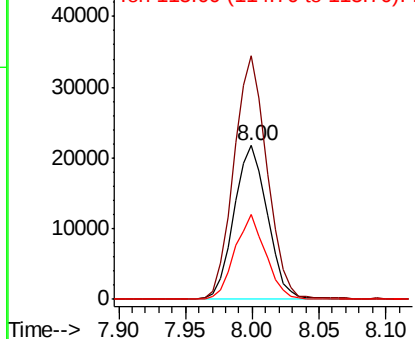
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042708.D
Acq: 4 Sep 2019 15:25

Instrument :
BNA_G
ClientSampleId :
TW-10-DEP

Tot Ion:152 Resp: 37779
Ion Ratio Lower Upper
152 100
150 158.3 125.4 188.0
115 55.1 38.5 57.7



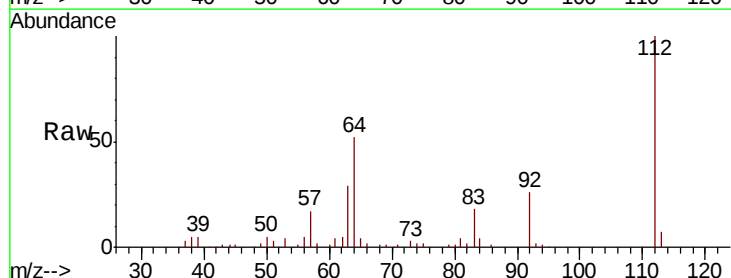
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



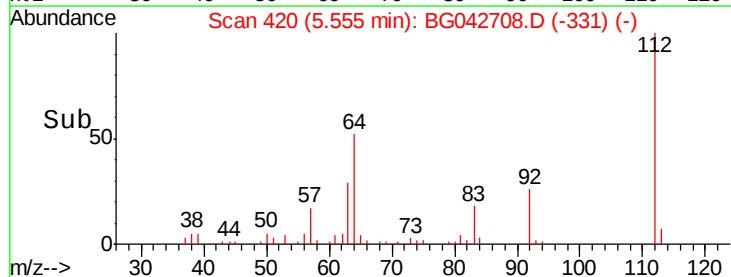
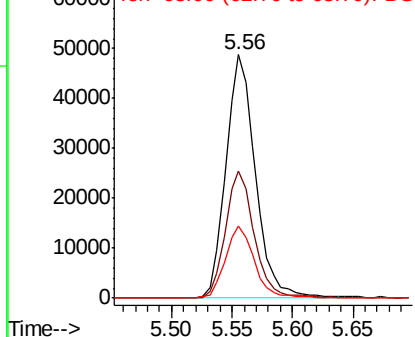
#5

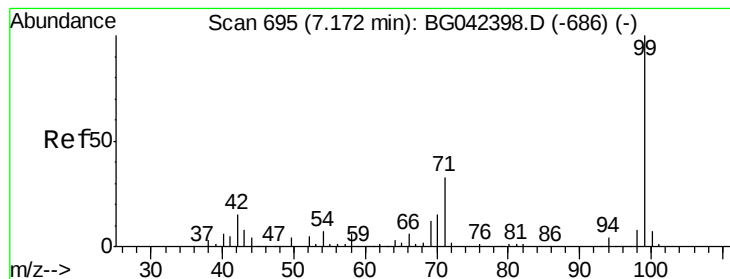
2-Fluorophenol
Concen: 44.306 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042708.D
Acq: 4 Sep 2019 15:25

Tgt Ion:112 Resp: 82646
Ion Ratio Lower Upper
112 100
64 52.2 42.8 64.2
63 29.4 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: 26.217 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042708.D

Acq: 4 Sep 2019 15:25

Instrument :

BNA_G

ClientSampleId :

TW-10-DEP

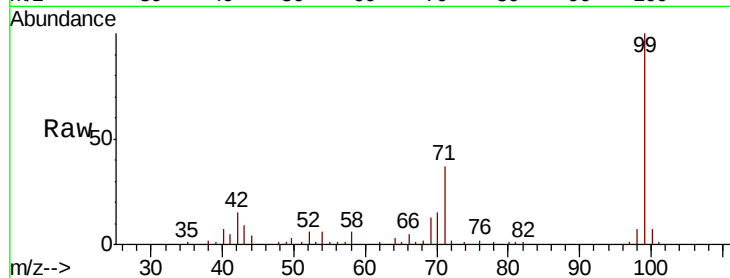
Tot Ion: 99 Resp: 66058

Ion Ratio Lower Upper

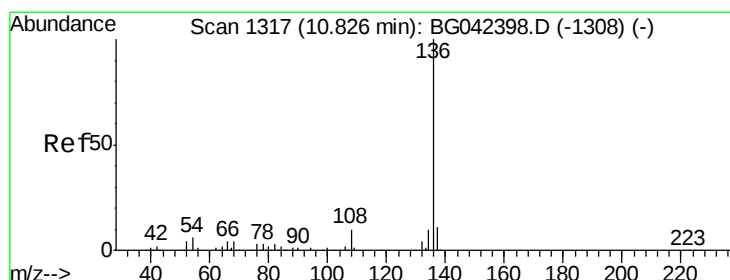
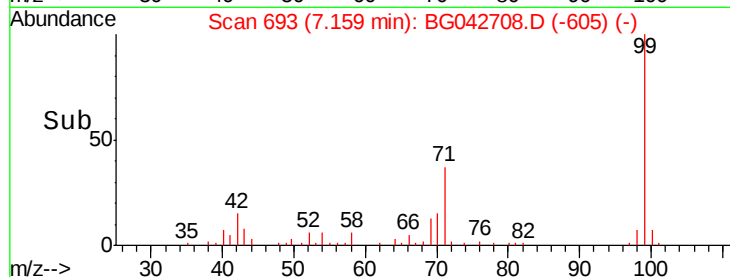
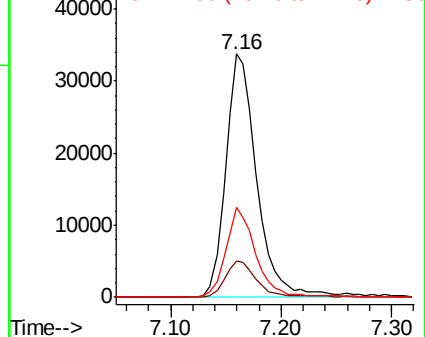
99 100

42 15.0 12.0 18.0

71 36.9 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# 1316

Delta R.T. -0.01 min

Lab File: BG042708.D

Acq: 4 Sep 2019 15:25

Tgt Ion: 136 Resp: 138351

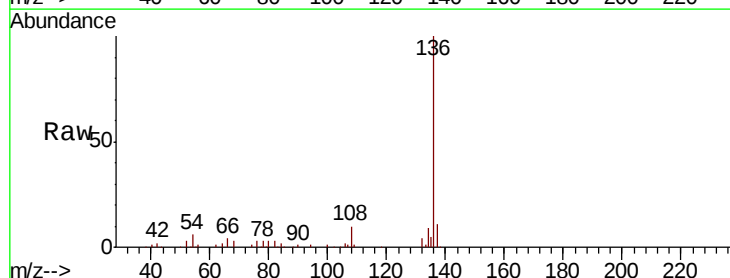
Ion Ratio Lower Upper

136 100

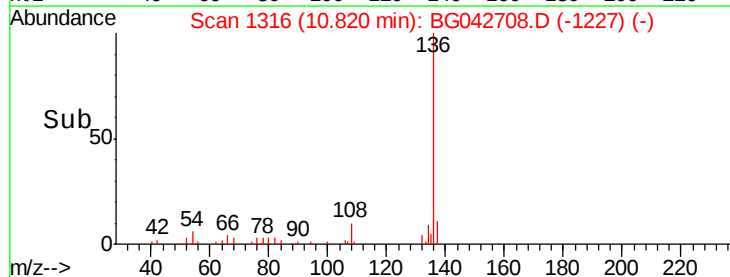
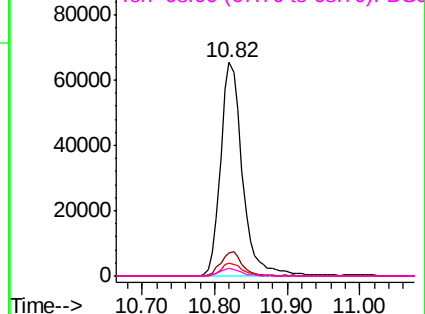
137 11.0 8.7 13.1

54 6.2 4.9 7.3

68 3.4 3.6 5.4#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

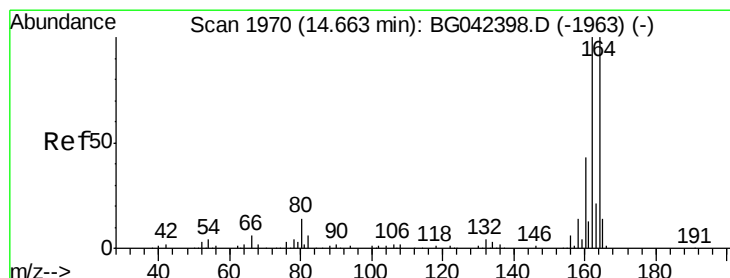
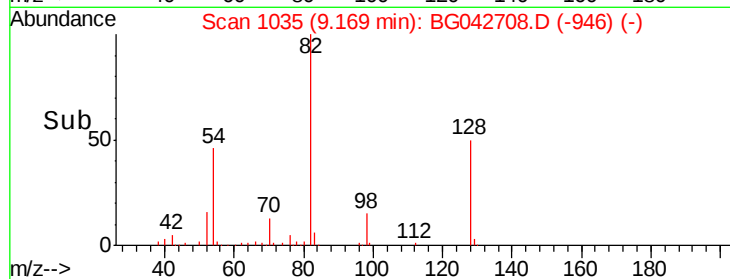
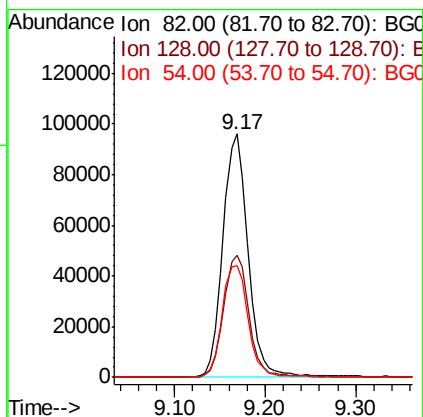
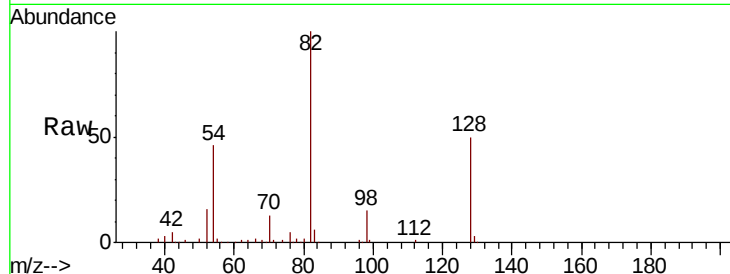




#23
Nitrobenzene-d5
Concen: 92.974 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042708.D
Acq: 4 Sep 2019 15:25

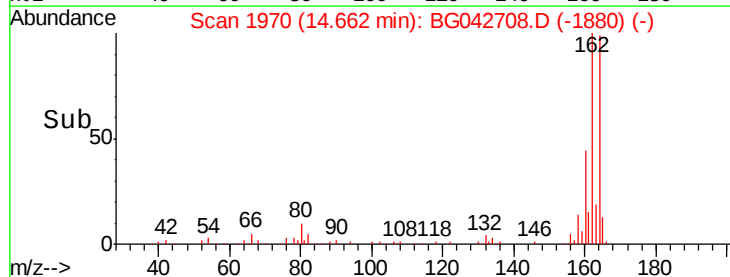
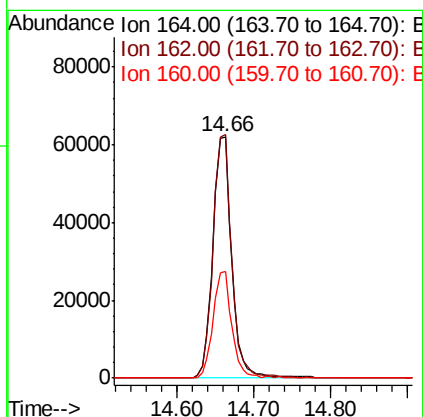
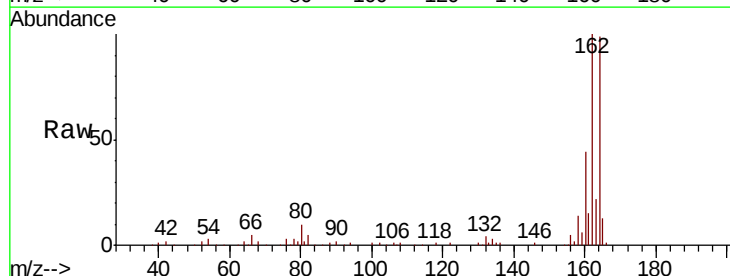
Instrument :
BNA_G
ClientSampleId :
TW-10-DEP

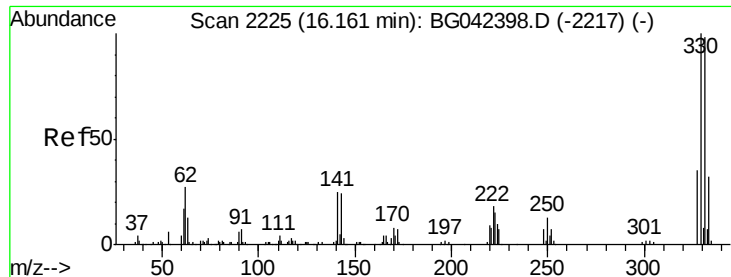
Tot Ion	82	Resp	186140
Ion Ratio	Lower	Upper	
82	100		
128	50.1	40.7	61.1
54	46.1	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042708.D
Acq: 4 Sep 2019 15:25

Tgt Ion	164	Resp	104417
Ion Ratio	Lower	Upper	
164	100		
162	100.8	79.9	119.9
160	44.3	34.3	51.5

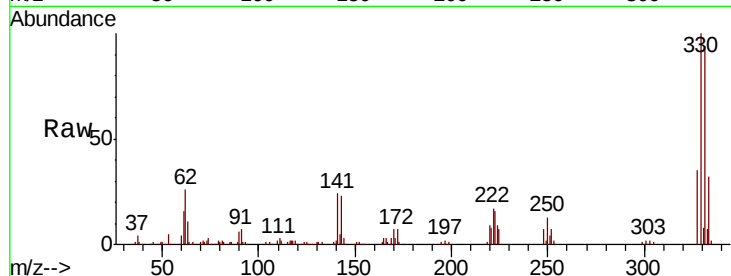




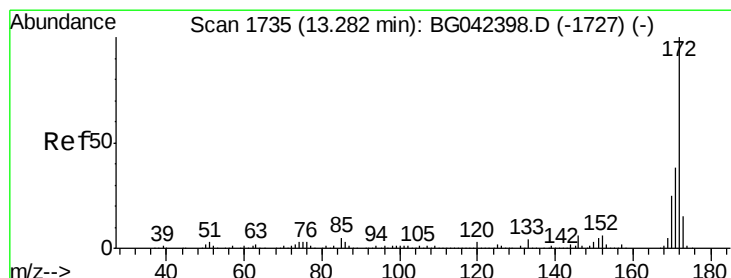
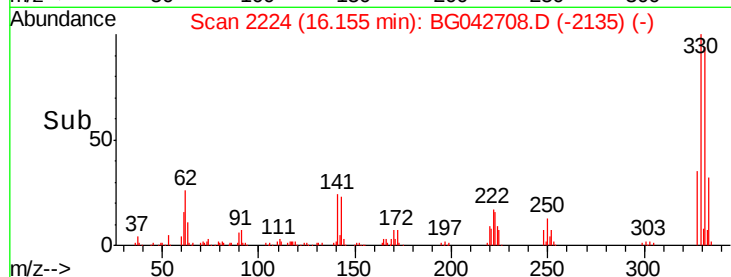
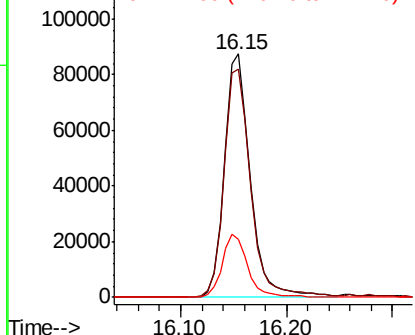
#42
 2,4,6-Tribromophenol
 Concen: 100.338 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042708.D
 Acq: 4 Sep 2019 15:25

Instrument :
 BNA_G
 ClientSampleId :
 TW-10-DEP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	25.8	21.4	32.0

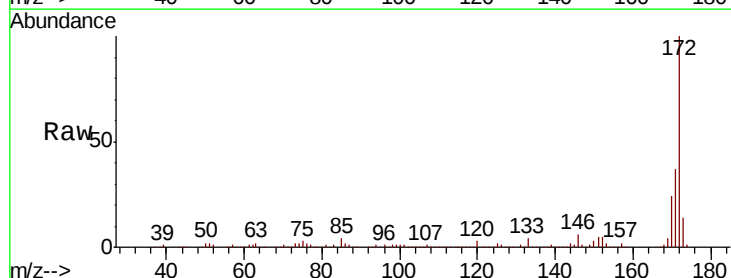


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

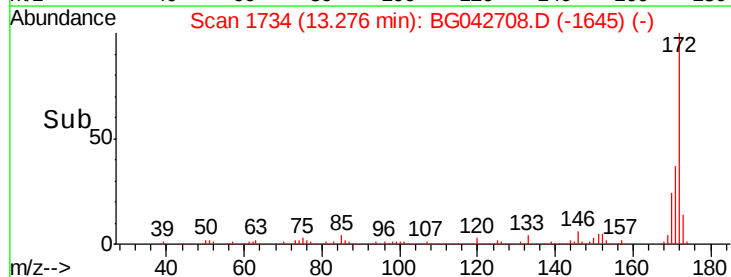
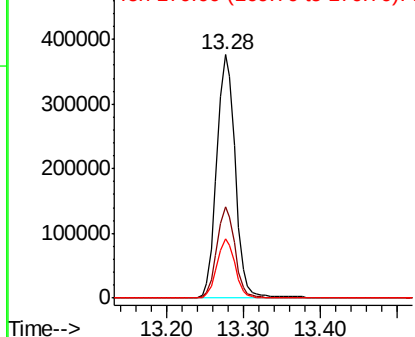


#45
 2-Fluorobiphenyl
 Concen: 101.582 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042708.D
 Acq: 4 Sep 2019 15:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.4	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

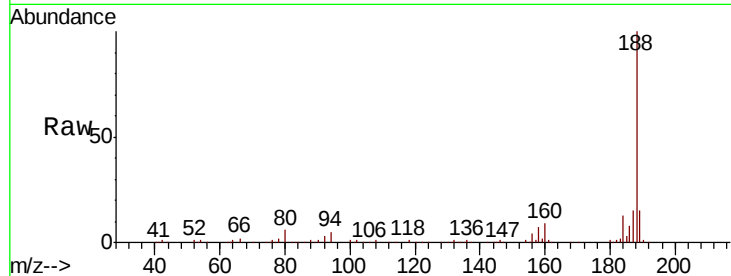




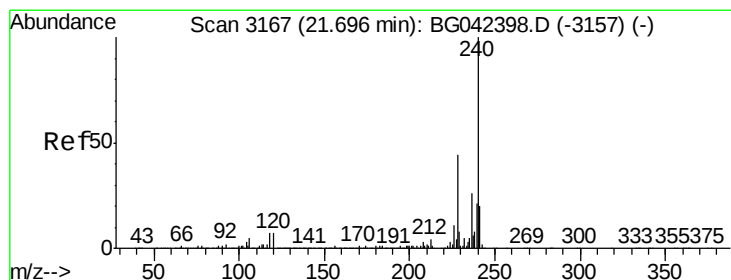
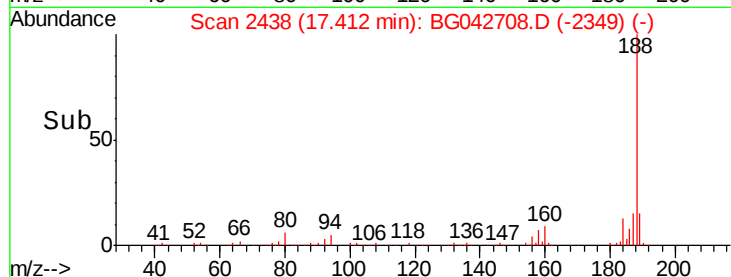
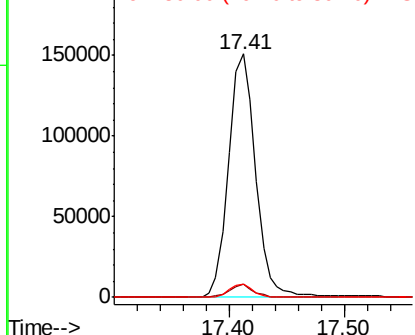
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042708.D
Acq: 4 Sep 2019 15:25

Instrument :
BNA_G
ClientSampleId :
TW-10-DEP

Tot Ion:188 Resp: 245764
Ion Ratio Lower Upper
188 100
94 5.2 4.5 6.7
80 5.6 4.9 7.3

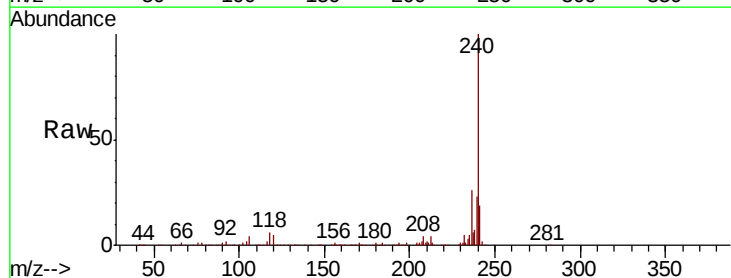


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

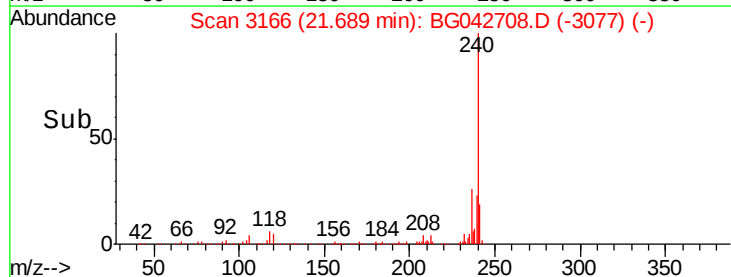
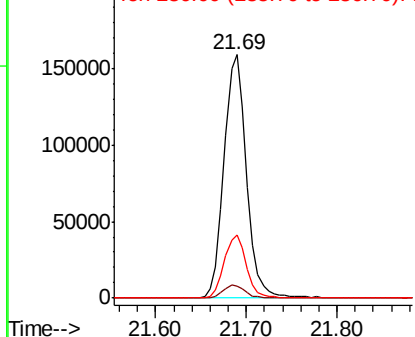


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042708.D
Acq: 4 Sep 2019 15:25

Tgt Ion:240 Resp: 273425
Ion Ratio Lower Upper
240 100
120 5.1 5.7 8.5#
236 25.7 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: 93.965 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042708.D

Acq: 4 Sep 2019 15:25

Instrument :

BNA_G

ClientSampled :

TW-10-DEP

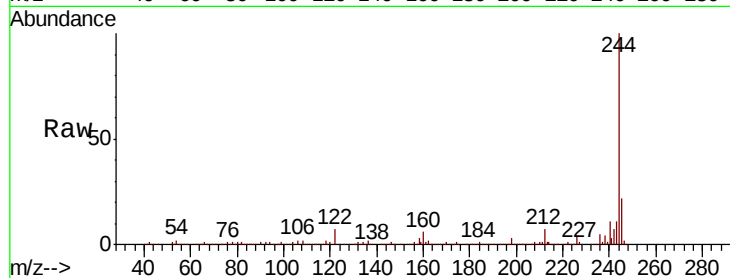
Tot Ion:244 Resp: 1188401

Ion Ratio Lower Upper

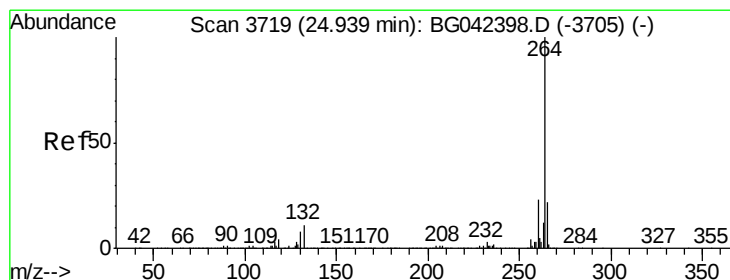
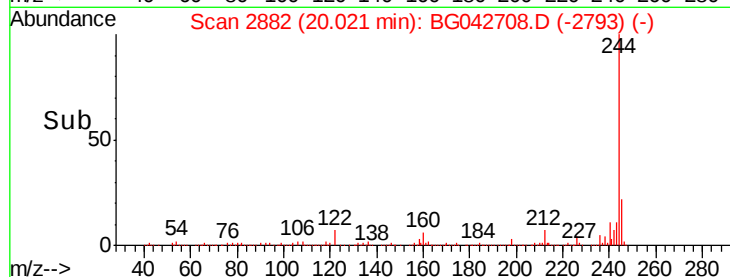
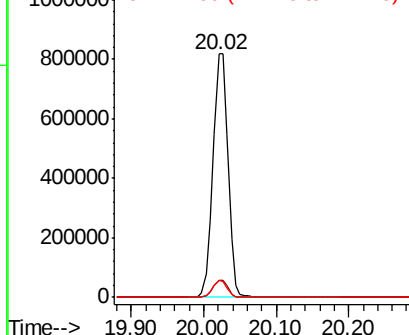
244 100

212 7.2 6.0 9.0

122 7.1 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# 3718

Delta R.T. -0.01 min

Lab File: BG042708.D

Acq: 4 Sep 2019 15:25

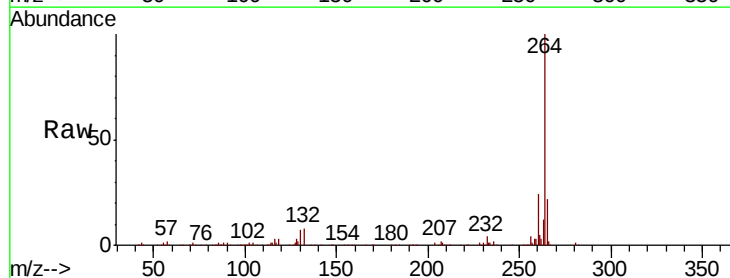
Tgt Ion:264 Resp: 313983

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 21.6 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

