

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042656.D
 Acq On : 1 Sep 2019 6:37
 Operator : HP/JU
 Sample : K4603-21
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-E1-E4-(0-3.11)

Quant Time: Sep 02 08:03:04 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	7.99	152	35304	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	130852	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	97130	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	232350	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	263209	20.00	ng	-0.01
87) Perylene-d12	24.92	264	304387	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	218773	125.50	ng	0.00
7) Phenol-d6	7.16	99	259676	110.28	ng	-0.01
23) Nitrobenzene-d5	9.16	82	187465	99.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	199789	144.72	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	590152	102.76	ng	0.00
79) Terphenyl-d14	20.02	244	1235196	101.46	ng	0.00

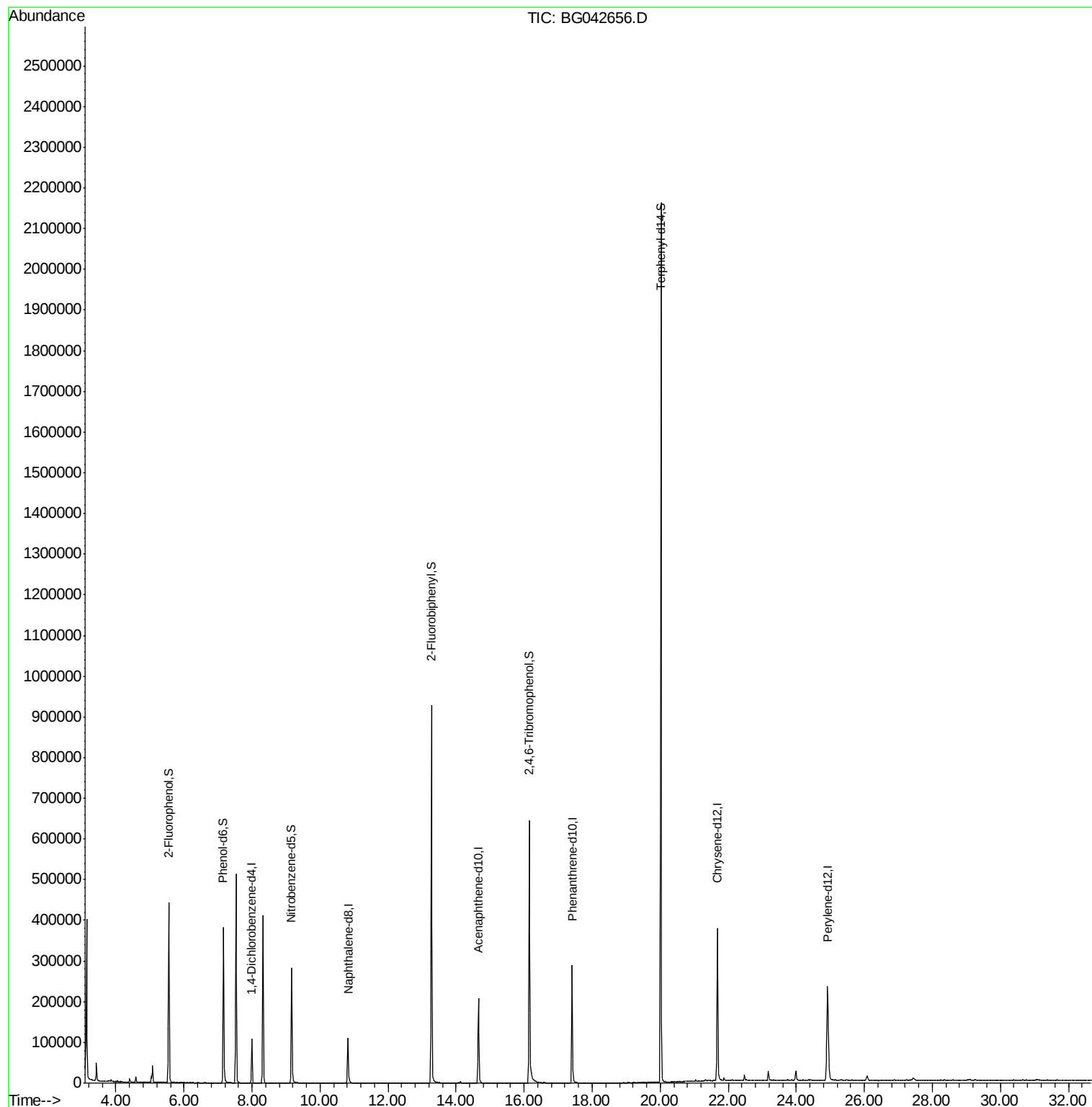
Target Compounds Qvalue

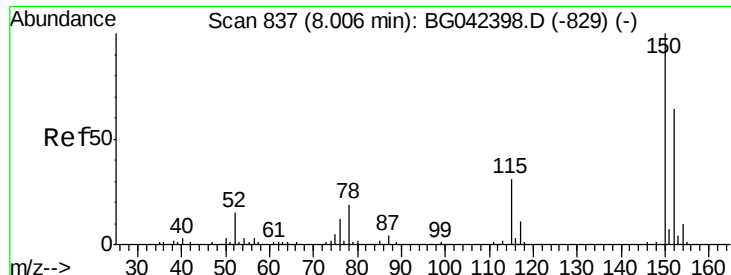
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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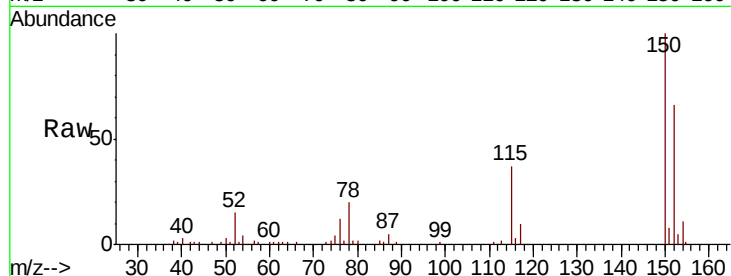


#1

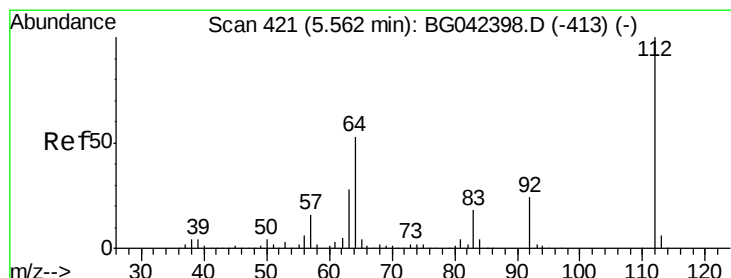
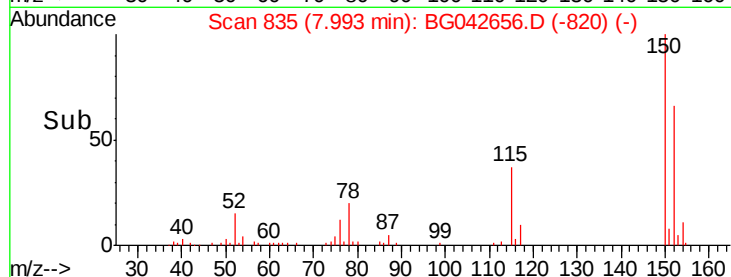
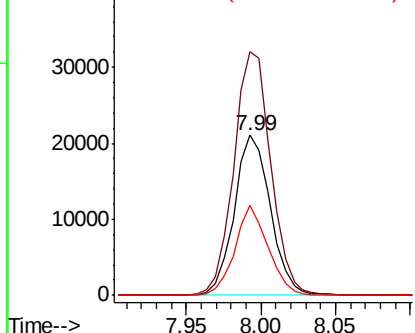
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042656.D
Acq: 1 Sep 2019 6:37

Instrument :
BNA_G
ClientSampleId :
PAR-E1-E4-(0-3.11)

Tot Ion:152 Resp: 35304
Ion Ratio Lower Upper
152 100
150 152.3 125.4 188.0
115 55.9 38.5 57.7



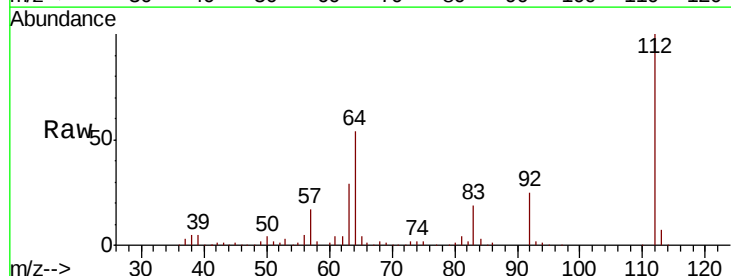
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



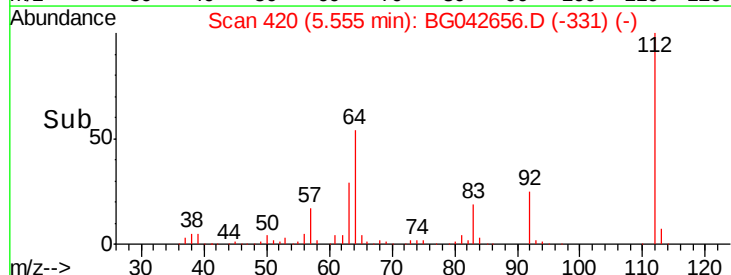
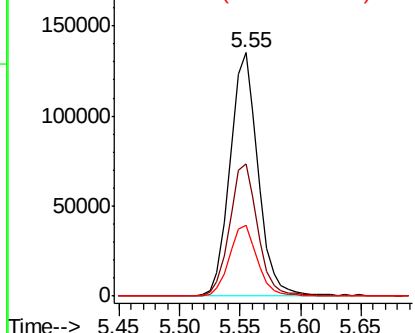
#5

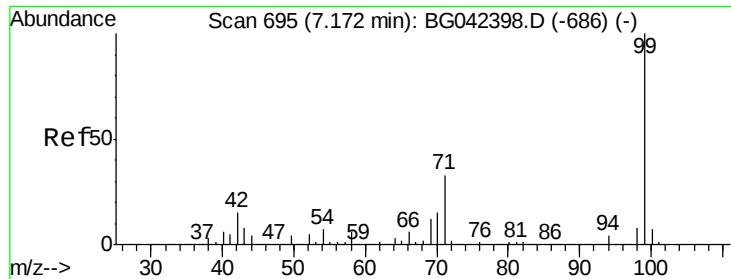
2-Fluorophenol
Concen: 125.504 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042656.D
Acq: 1 Sep 2019 6:37

Tgt Ion:112 Resp: 218773
Ion Ratio Lower Upper
112 100
64 54.3 42.8 64.2
63 29.2 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: 110.284 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042656.D

Acq: 1 Sep 2019 6:37

Instrument :

BNA_G

ClientSampleId :

PAR-E1-E4-(0-3.11)

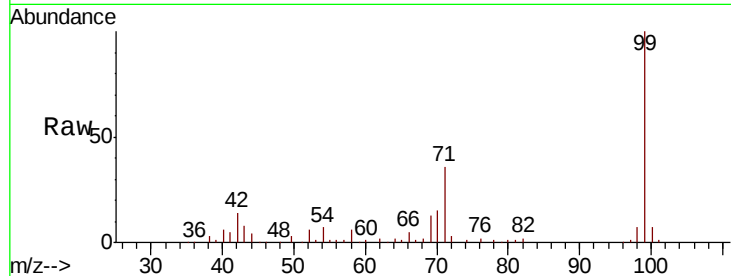
Tot Ion: 99 Resp: 259676

Ion Ratio Lower Upper

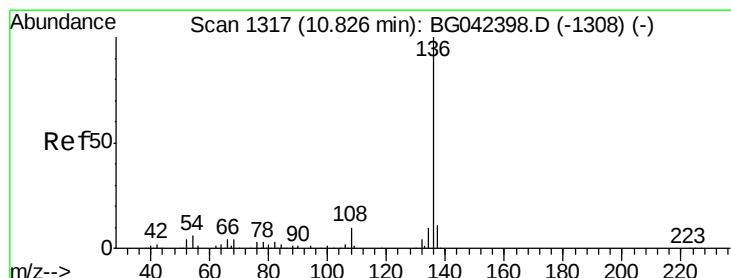
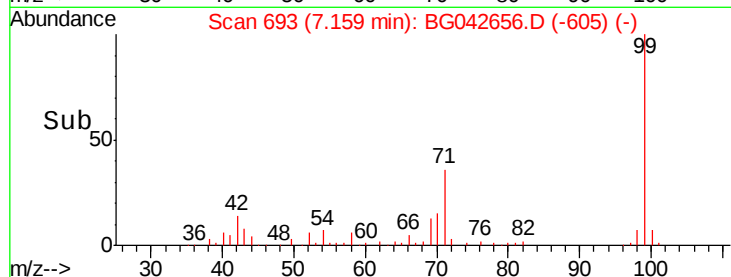
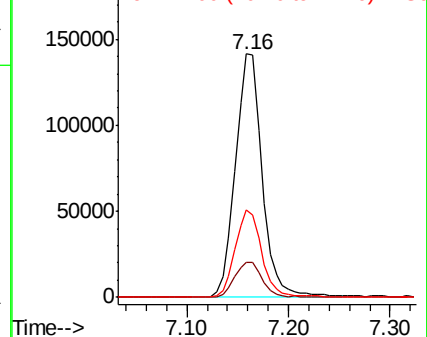
99 100

42 14.3 12.0 18.0

71 36.0 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: BG042656.D

Acq: 1 Sep 2019 6:37

Tgt Ion: 136 Resp: 130852

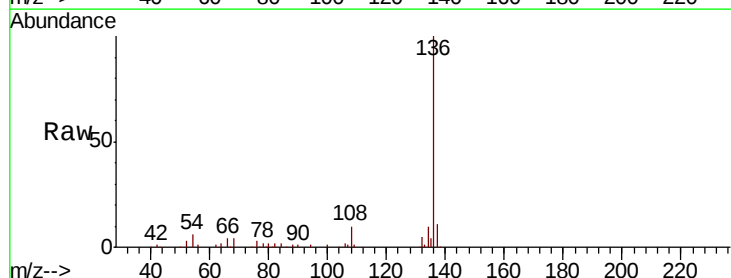
Ion Ratio Lower Upper

136 100

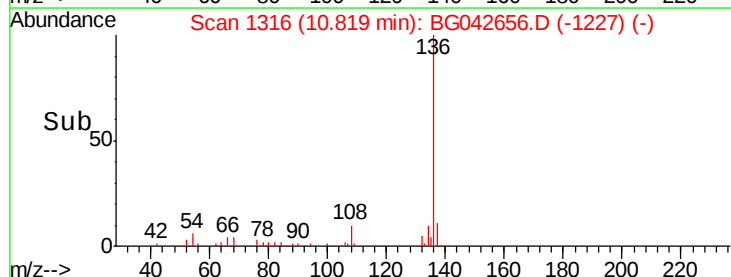
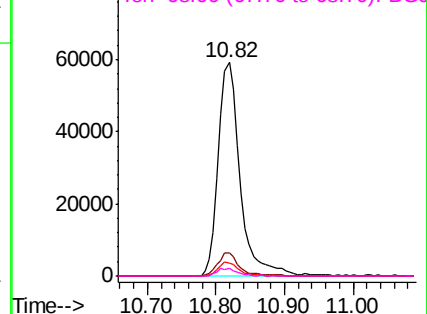
137 10.9 8.7 13.1

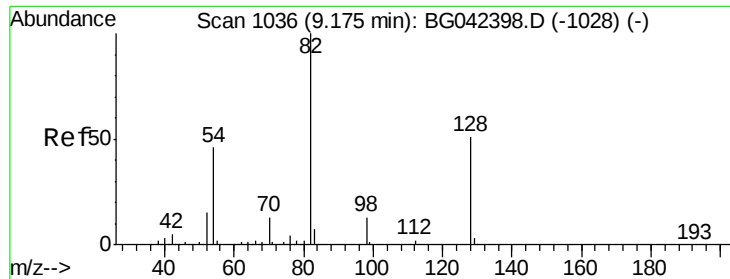
54 6.1 4.9 7.3

68 3.9 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

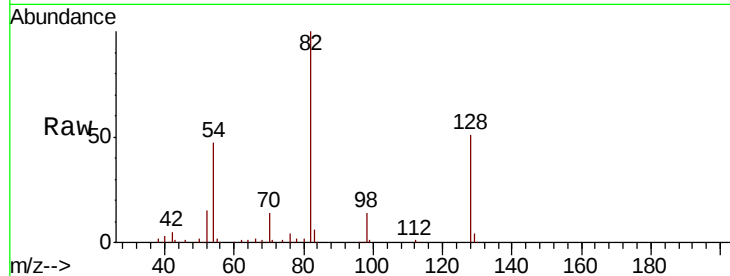




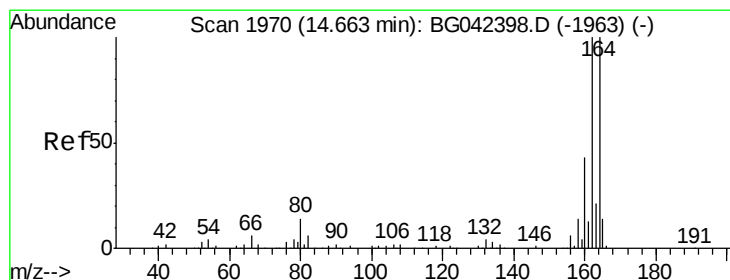
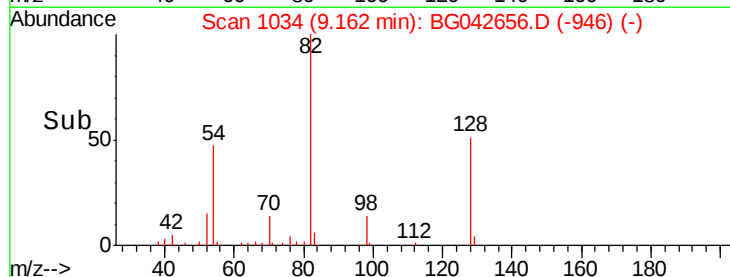
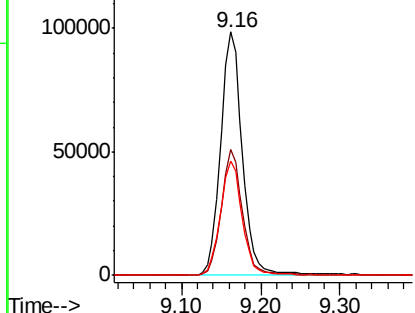
#23
Nitrobenzene-d5
Concen: 99.002 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042656.D
Acq: 1 Sep 2019 6:37

Instrument :
BNA_G
ClientSampleId :
PAR-E1-E4-(0-3.11)

Tot Ion	82	Resp	187465
Ion Ratio	100	Lower	Upper
128	51.5	40.7	61.1
54	46.8	36.3	54.5

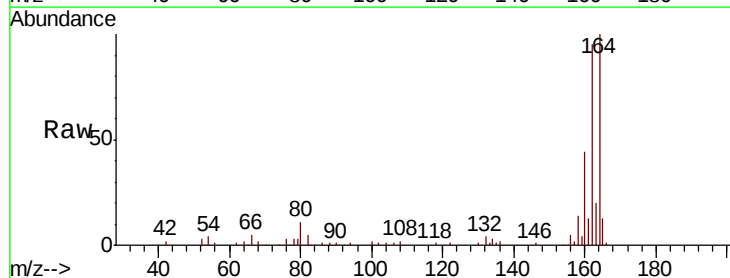


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

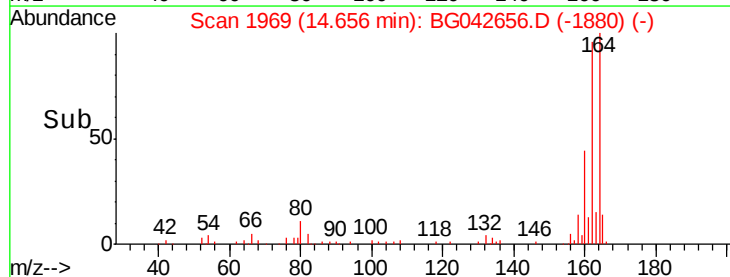
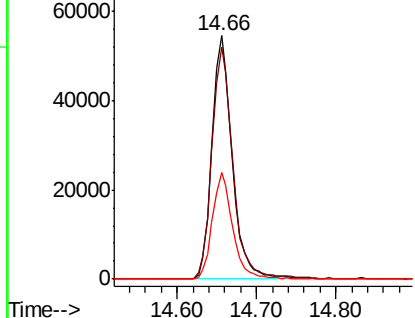


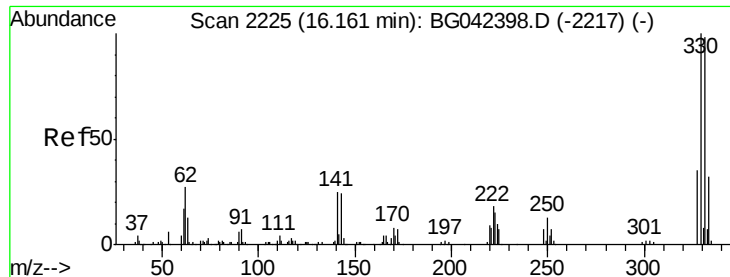
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042656.D
Acq: 1 Sep 2019 6:37

Tgt Ion	164	Resp	97130
Ion Ratio	100	Lower	Upper
162	95.3	79.9	119.9
160	43.6	34.3	51.5



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

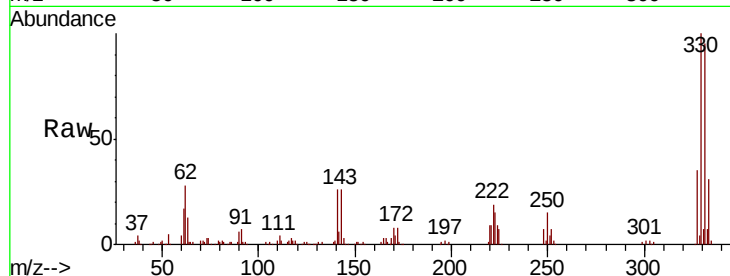




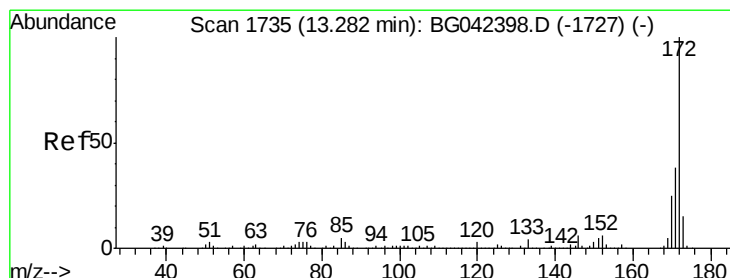
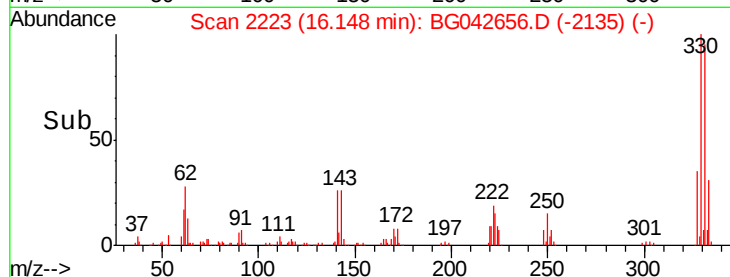
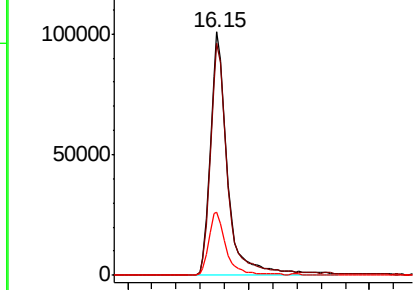
#42
 2,4,6-Tribromophenol
 Concen: 144.718 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042656.D
 Acq: 1 Sep 2019 6:37

Instrument :
 BNA_G
 ClientSampleId :
 PAR-E1-E4-(0-3.11)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	26.3	21.4	32.0

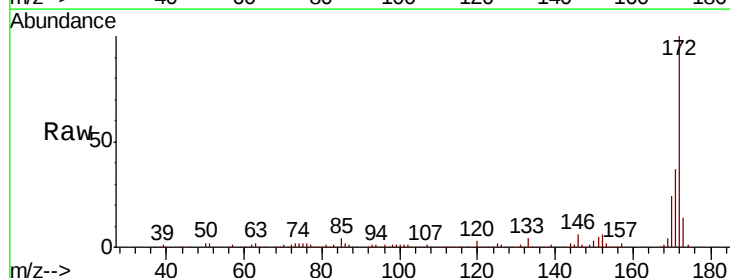


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

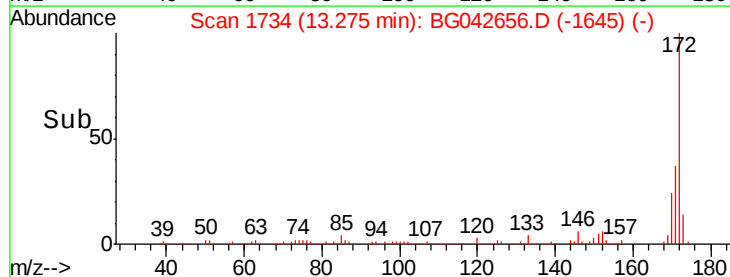
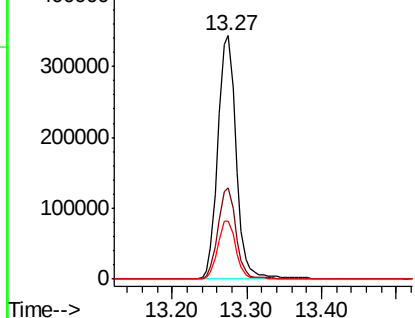


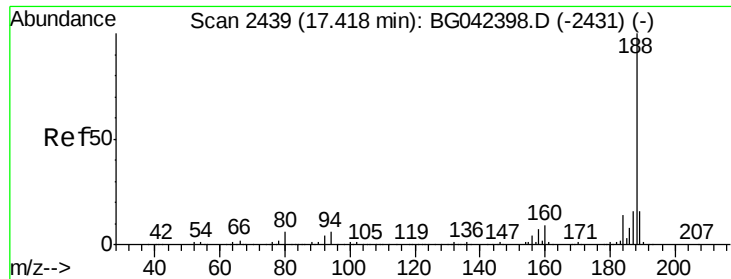
#45
 2-Fluorobiphenyl
 Concen: 102.761 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042656.D
 Acq: 1 Sep 2019 6:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	23.9	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

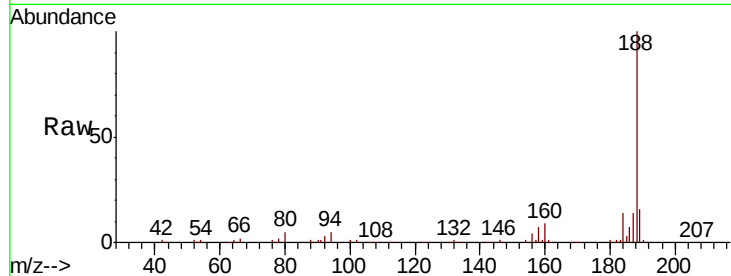




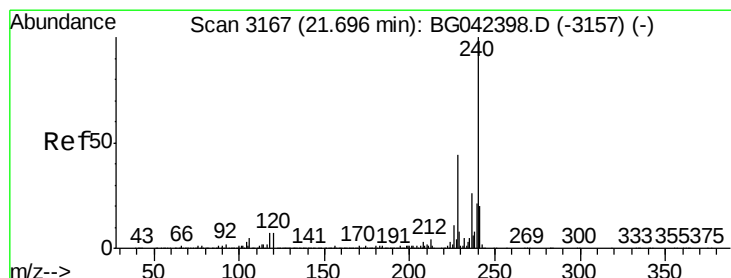
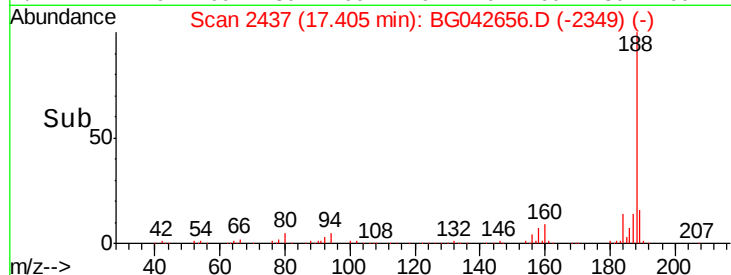
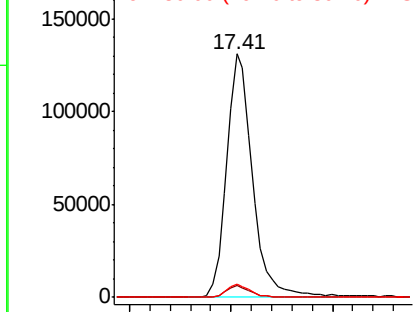
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042656.D
Acq: 1 Sep 2019 6:37

Instrument :
BNA_G
ClientSampleId :
PAR-E1-E4-(0-3.11)

Tot Ion:188 Resp: 232350
Ion Ratio Lower Upper
188 100
94 4.9 4.5 6.7
80 5.3 4.9 7.3

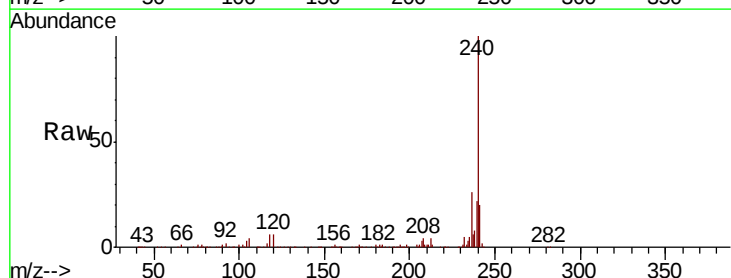


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

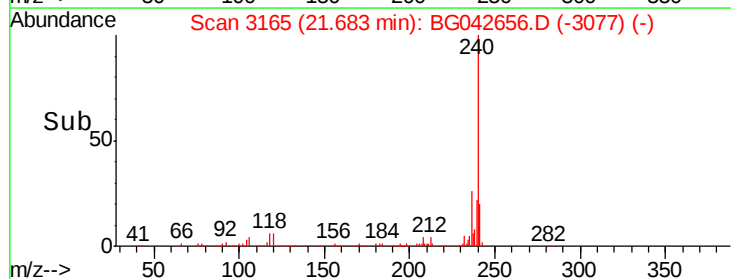
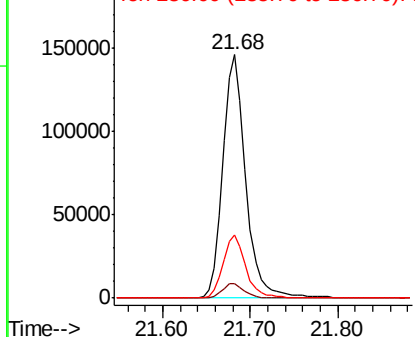


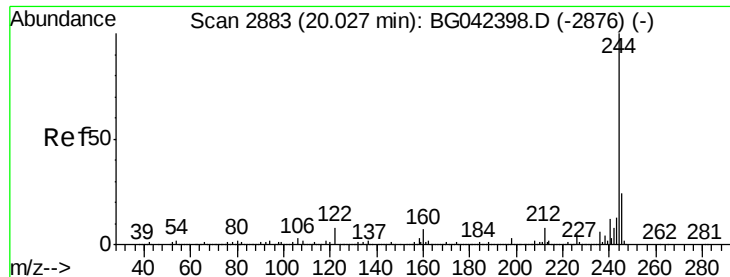
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042656.D
Acq: 1 Sep 2019 6:37

Tgt Ion:240 Resp: 263209
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5
236 25.9 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: 101.455 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042656.D

Acq: 1 Sep 2019 6:37

Instrument :

BNA_G

ClientSampleId :

PAR-E1-E4-(0-3.11)

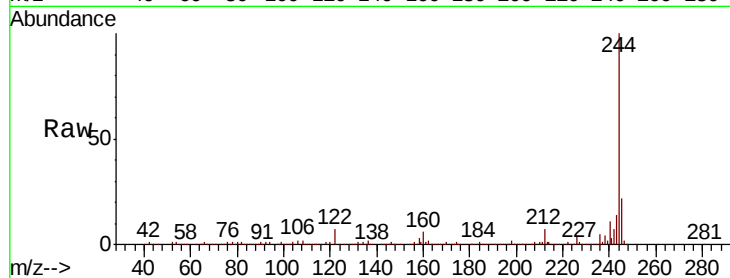
Tot Ion:244 Resp: 1235196

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

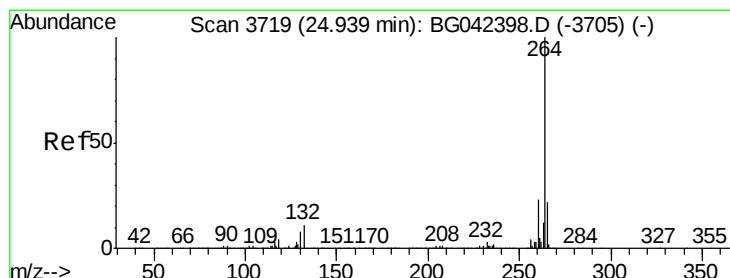
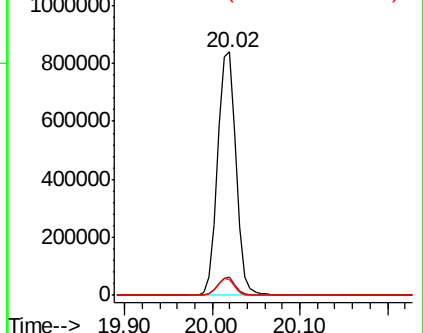
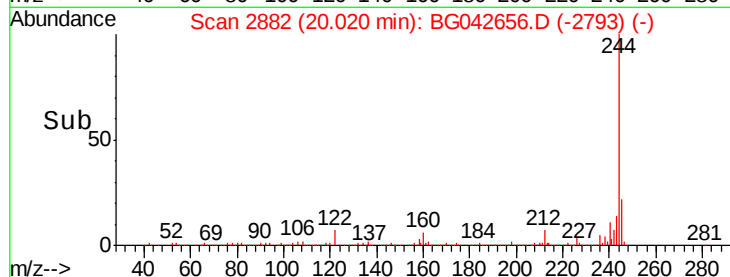
122 6.6 6.7 10.1#



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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042656.D

Acq: 1 Sep 2019 6:37

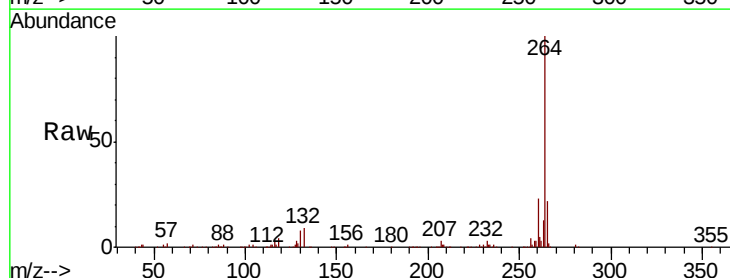
Tgt Ion:264 Resp: 304387

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 22.1 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

