

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040815.D
 Acq On : 9 May 2019 10:14
 Operator : HP/JU
 Sample : K2645-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-050719-A

Quant Time: May 09 11:39:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

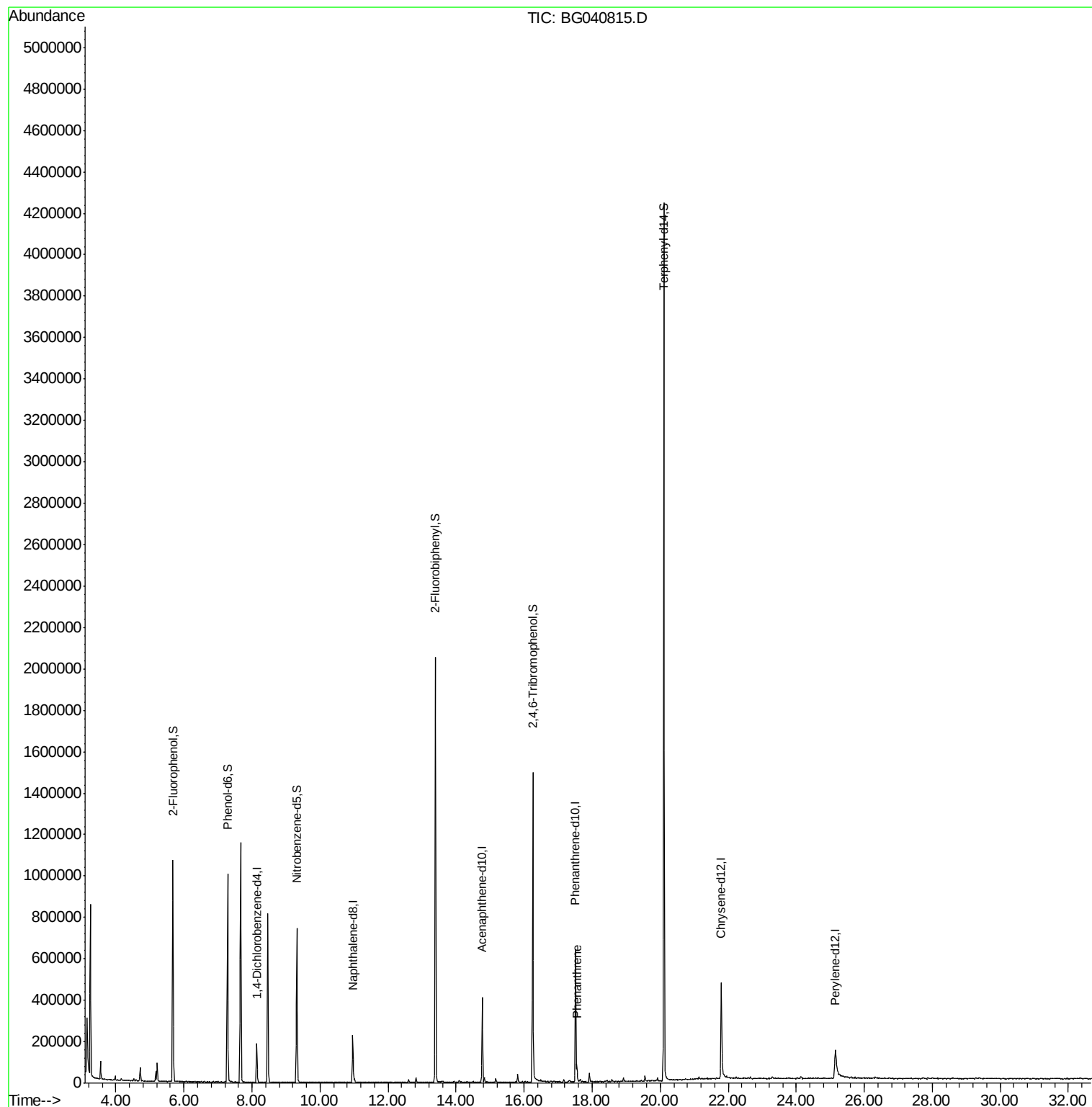
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	46446	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	183476	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	138350	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	383054	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	360547	20.00	ng	-0.03
87) Perylene-d12	25.15	264	232695	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	389847	147.96	ng	-0.01
7) Phenol-d6	7.28	99	514947	126.93	ng	-0.01
23) Nitrobenzene-d5	9.32	82	450792	113.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	272895	143.50	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	992499	103.60	ng	-0.02
79) Terphenyl-d14	20.11	244	1972504	121.20	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	17.55	178	50030	2.425	ng	98

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

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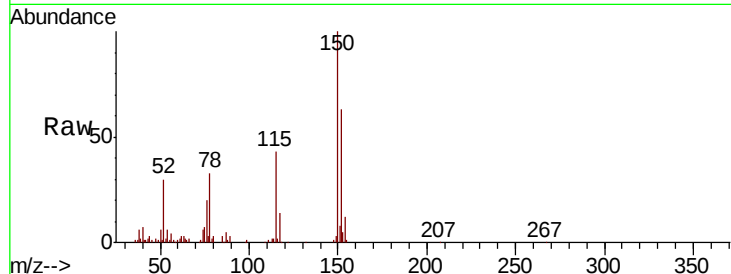


#1

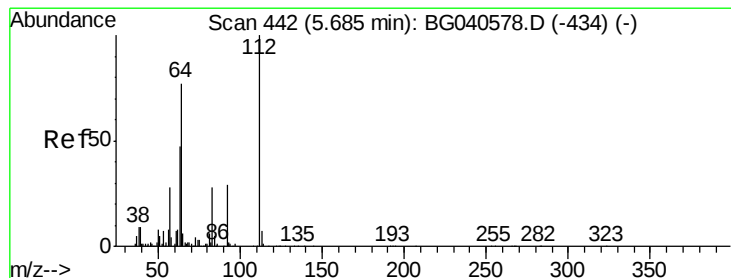
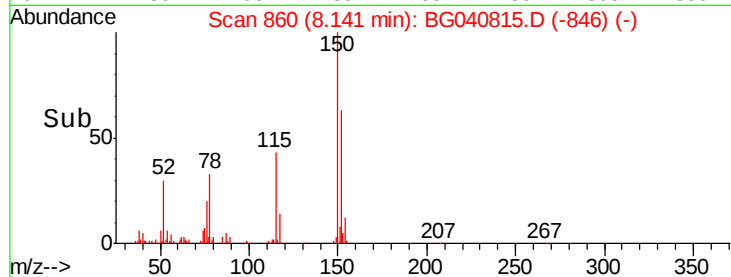
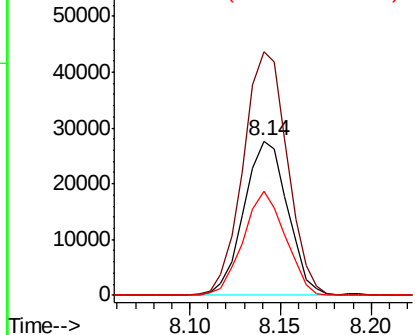
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Instrument :
BNA_G
ClientSampleId :
PL-02-050719-A

Tot Ion:152 Resp: 46446
Ion Ratio Lower Upper
152 100
150 157.6 120.2 180.2
115 67.7 46.2 69.2



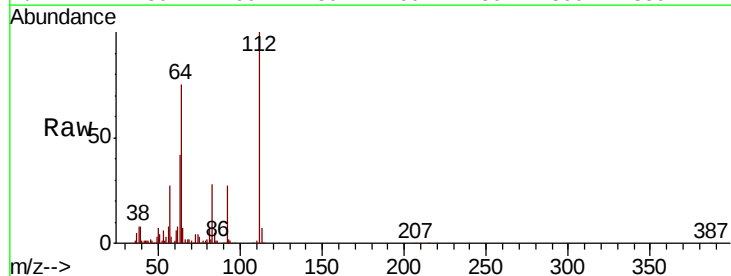
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



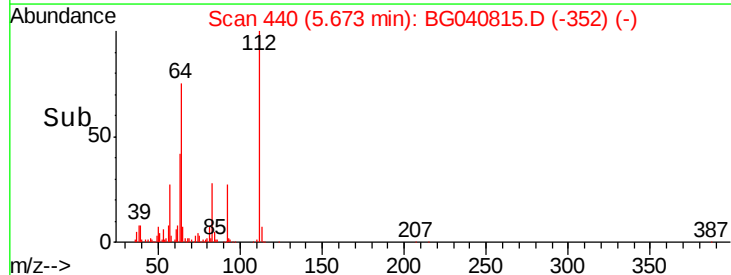
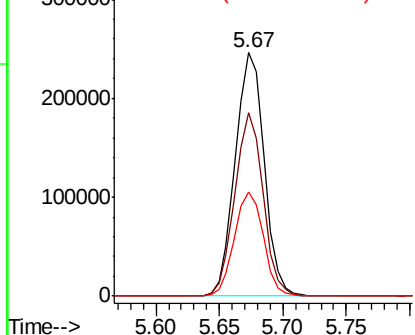
#5

2-Fluorophenol
Concen: 147.959 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Tgt Ion:112 Resp: 389847
Ion Ratio Lower Upper
112 100
64 75.4 61.4 92.0
63 42.5 37.8 56.6



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: 126.931 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040815.D

Acq: 9 May 2019 10:14

Instrument :

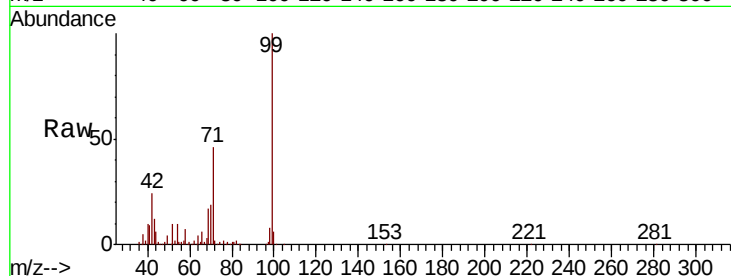
BNA_G

ClientSampleId :

PL-02-050719-A

Tot Ion: 99 Resp: 514947

Ion	Ratio	Lower	Upper
99	100		
42	23.8	21.8	32.8
71	46.2	38.6	57.8

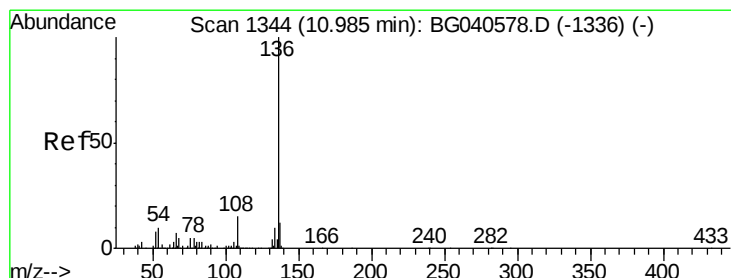
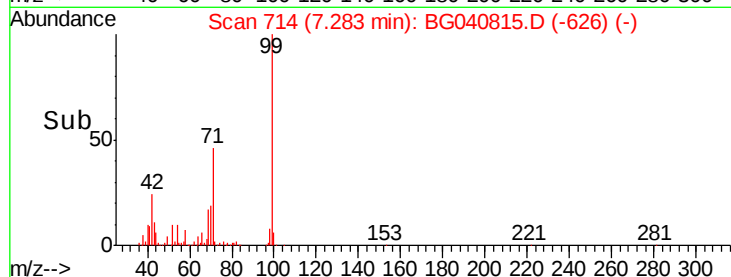
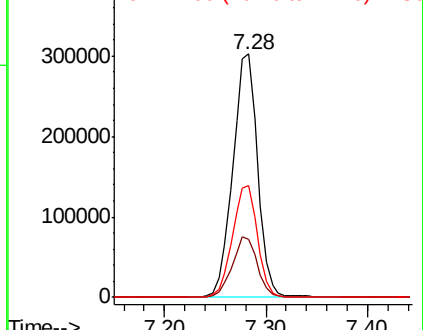


Abundance

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: 10.96 min Scan# 1340

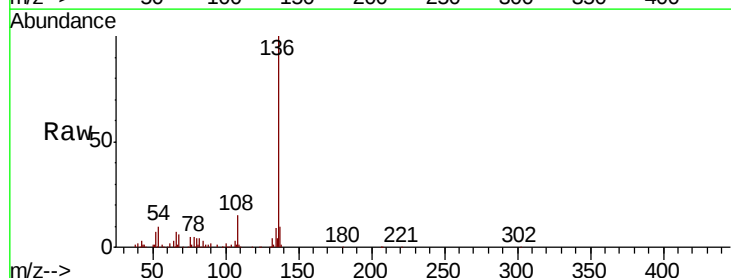
Delta R.T. -0.02 min

Lab File: BG040815.D

Acq: 9 May 2019 10:14

Tgt Ion: 136 Resp: 183476

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.7	14.5
54	9.8	8.6	12.8
68	6.1	4.8	7.2



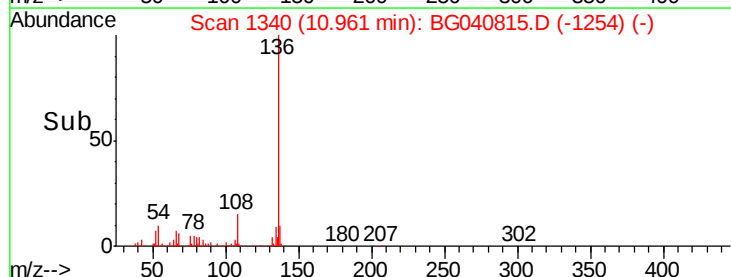
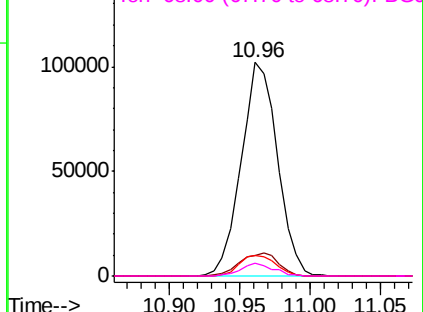
Abundance

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

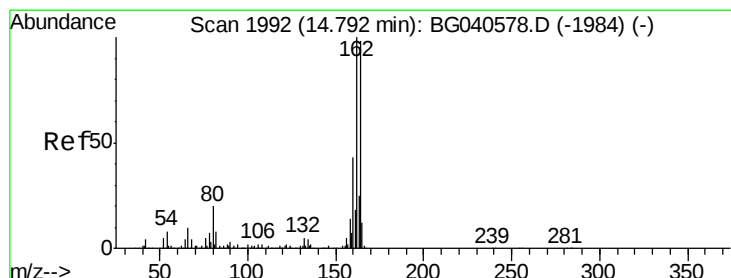
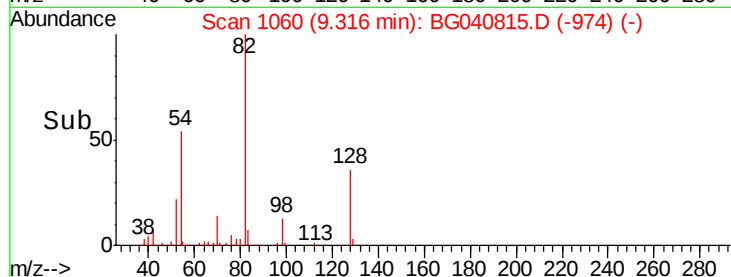
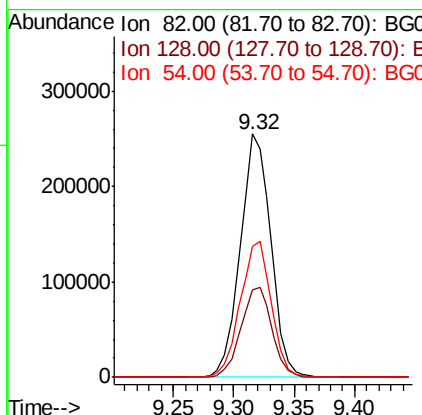
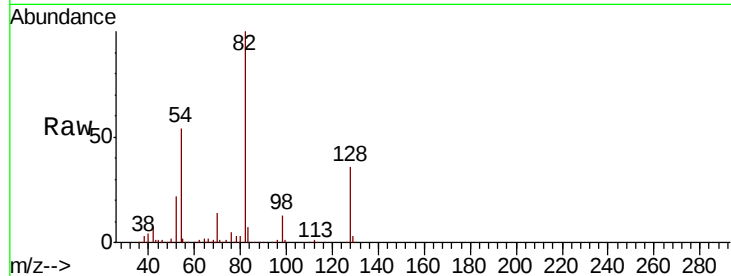




#23
 Nitrobenzene-d5
 Concen: 113.527 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BG040815.D
 Acq: 9 May 2019 10:14

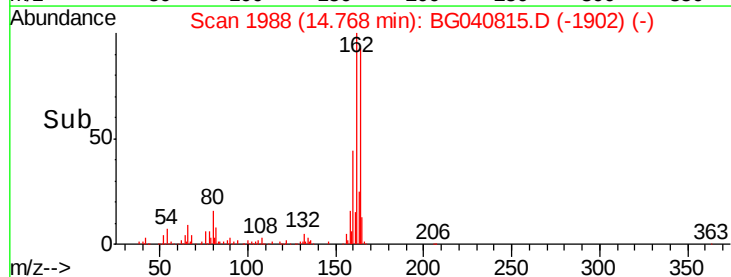
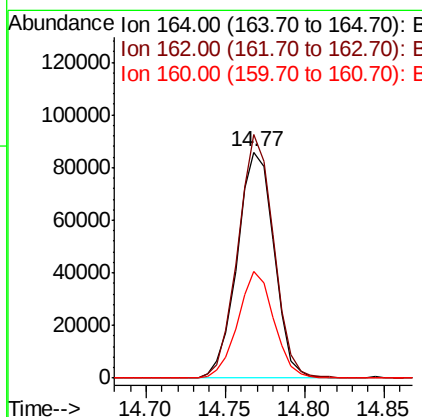
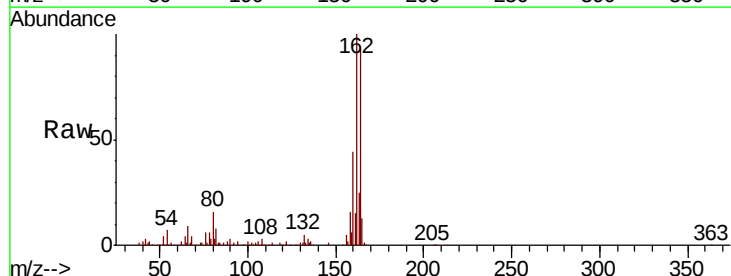
Instrument :
 BNA_G
 ClientSampleId :
 PL-02-050719-A

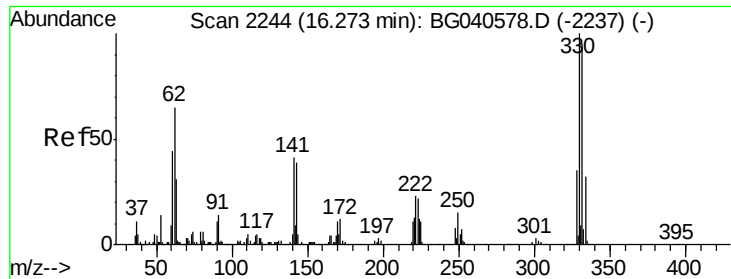
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.7	28.9	43.3
54	53.8	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040815.D
 Acq: 9 May 2019 10:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.6	81.9	122.9
160	47.2	35.4	53.2

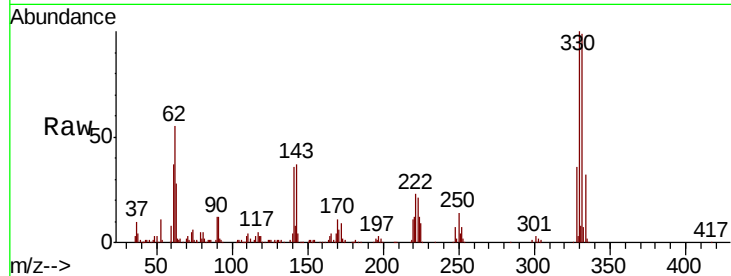




#42
 2,4,6-Tribromophenol
 Concen: 143.504 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040815.D
 Acq: 9 May 2019 10:14

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-050719-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.9	113.9
141	38.0	32.4	48.6

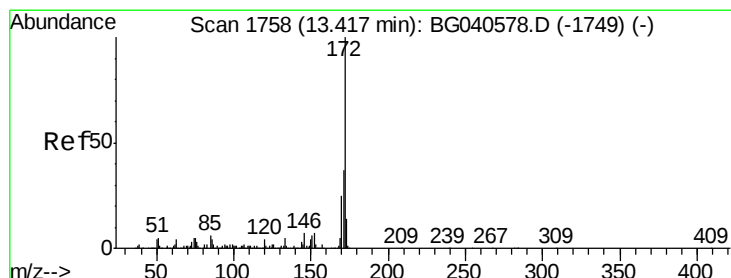
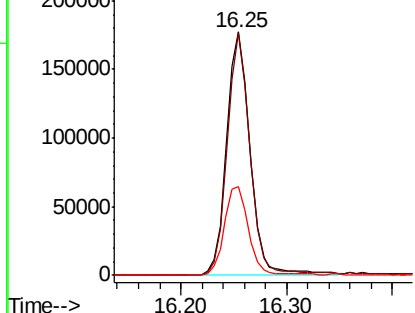
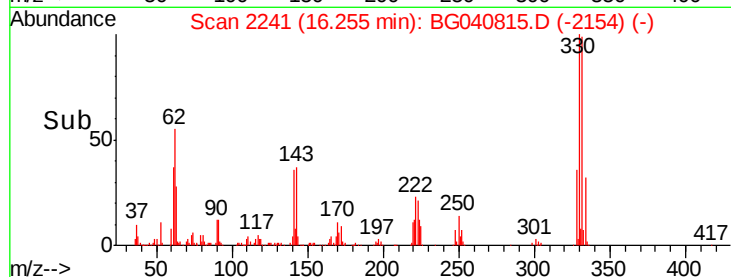


Abundance

Ion 329.80 (329.50 to 330.50): E

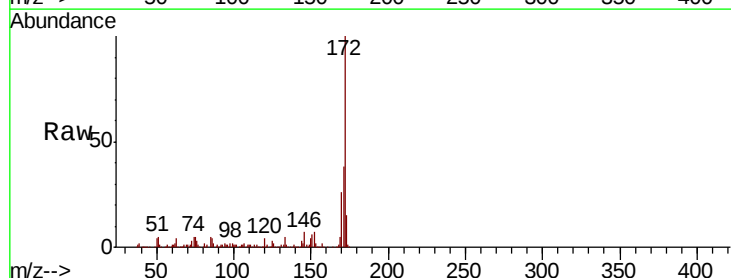
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 103.604 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040815.D
 Acq: 9 May 2019 10:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	26.2	19.9	29.9

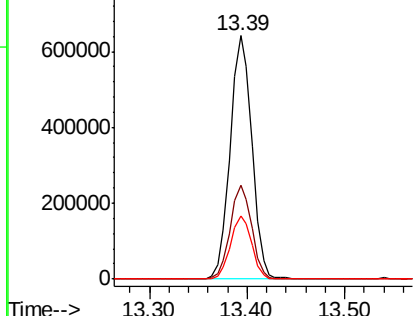
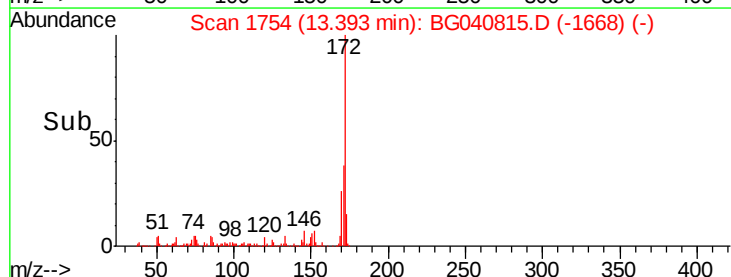


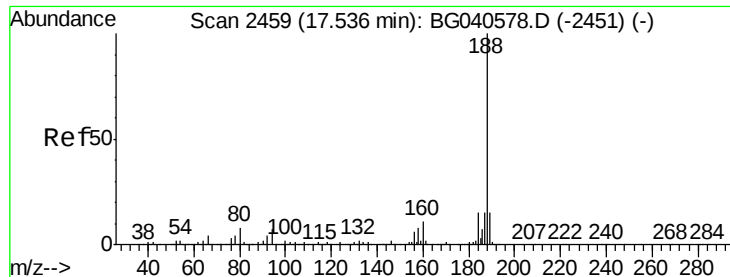
Abundance

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

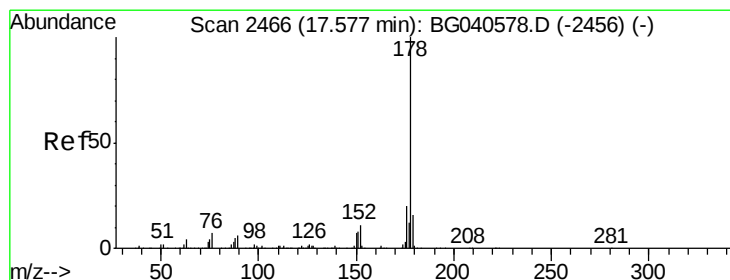
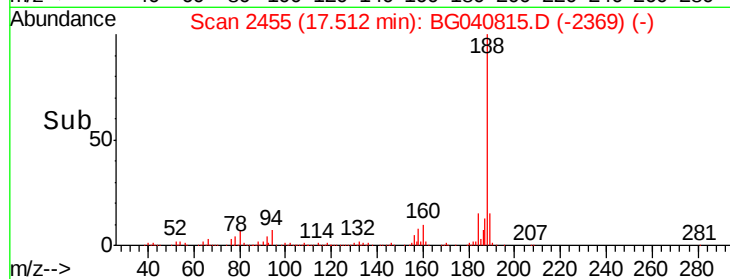
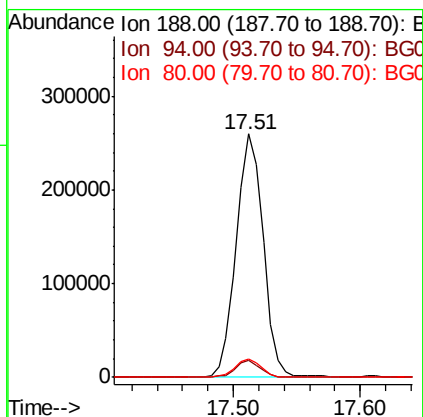
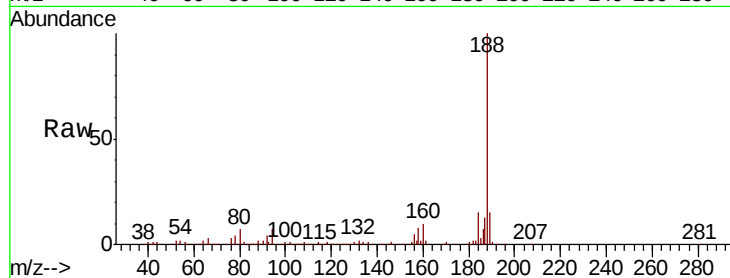




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

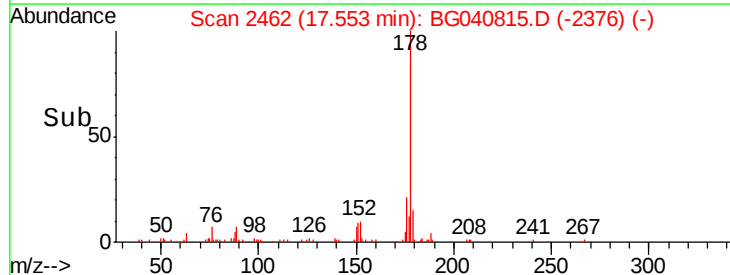
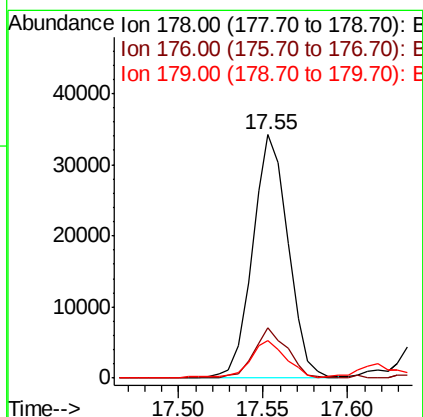
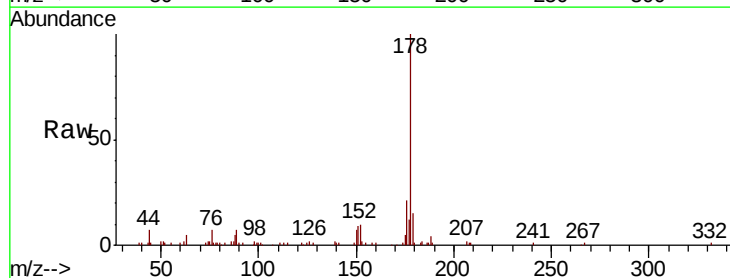
Instrument :
BNA_G
ClientSampleId :
PL-02-050719-A

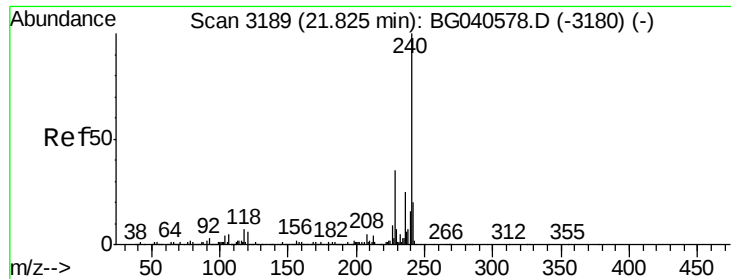
Tot Ion:188 Resp: 383054
Ion Ratio Lower Upper
188 100
94 6.9 5.6 8.4
80 7.3 6.4 9.6



#71
Phenanthrene
Concen: 2.425 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Tgt Ion:178 Resp: 50030
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.6
179 15.2 12.6 18.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040815.D

Acq: 9 May 2019 10:14

Instrument :

BNA_G

ClientSampleId :

PL-02-050719-A

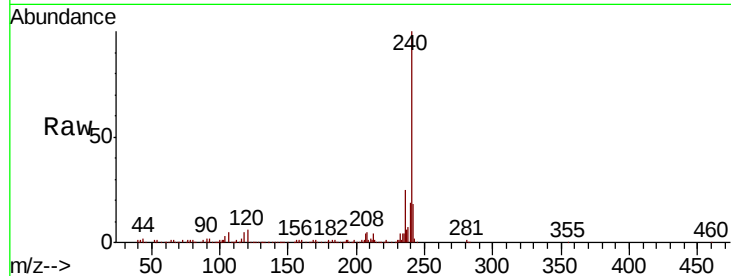
Tot Ion:240 Resp: 360547

Ion Ratio Lower Upper

240 100

120 6.3 5.0 7.6

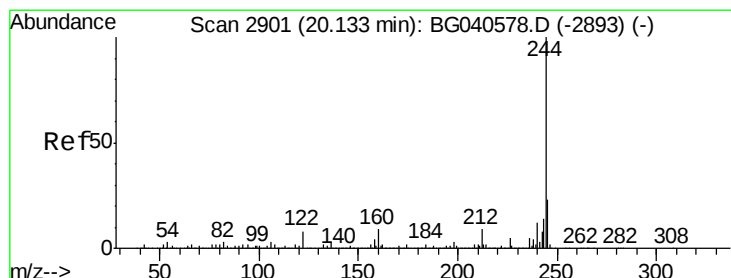
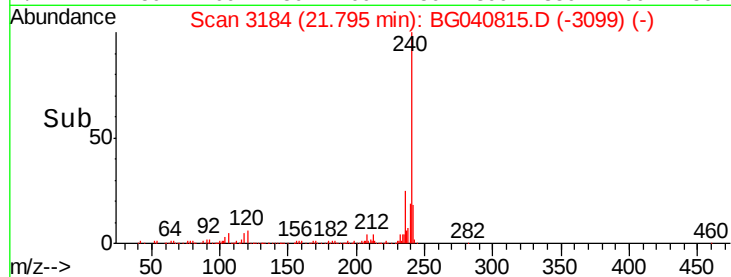
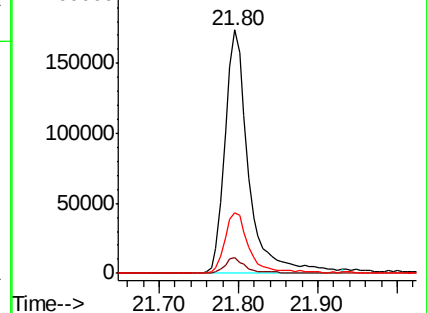
236 25.1 20.3 30.5



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: 121.203 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040815.D

Acq: 9 May 2019 10:14

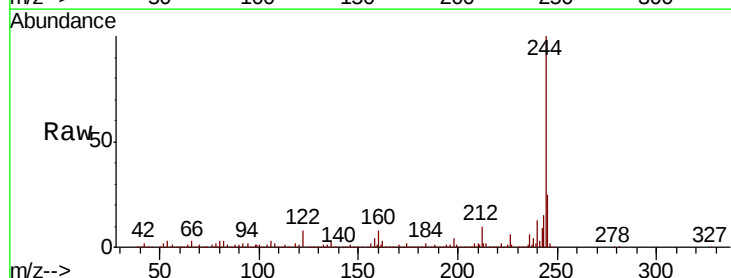
Tgt Ion:244 Resp: 1972504

Ion Ratio Lower Upper

244 100

212 10.2 7.2 10.8

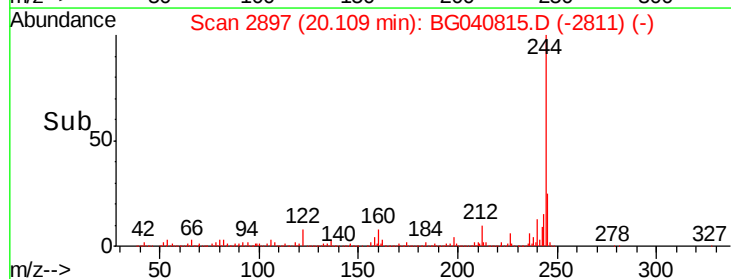
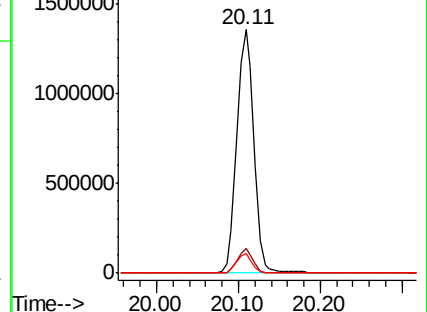
122 8.2 6.6 10.0

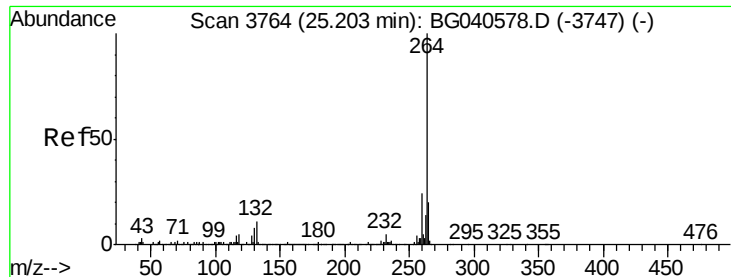


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.15 min Scan# 3755
 Delta R.T. -0.05 min
 Lab File: BG040815.D
 Acq: 9 May 2019 10:14

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-050719-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.5	16.6	25.0

