

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
 Data File : BG040636.D
 Acq On : 26 Apr 2019 19:22
 Operator : JU/SJ
 Sample : K2566-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0015

Quant Time: Apr 27 04:08:23 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	8.16	152	49543	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	215374	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	157145	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	408787	20.00	ng	0.00
76) Chrysene-d12	21.82	240	407243	20.00	ng	0.00
87) Perylene-d12	25.20	264	424728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	148418	52.81	ng	0.00
7) Phenol-d6	7.29	99	136554	31.56	ng	0.00
23) Nitrobenzene-d5	9.33	82	422728	90.69	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	292126	135.24	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	899659	82.68	ng	0.00
79) Terphenyl-d14	20.13	244	1701488	92.56	ng	0.00

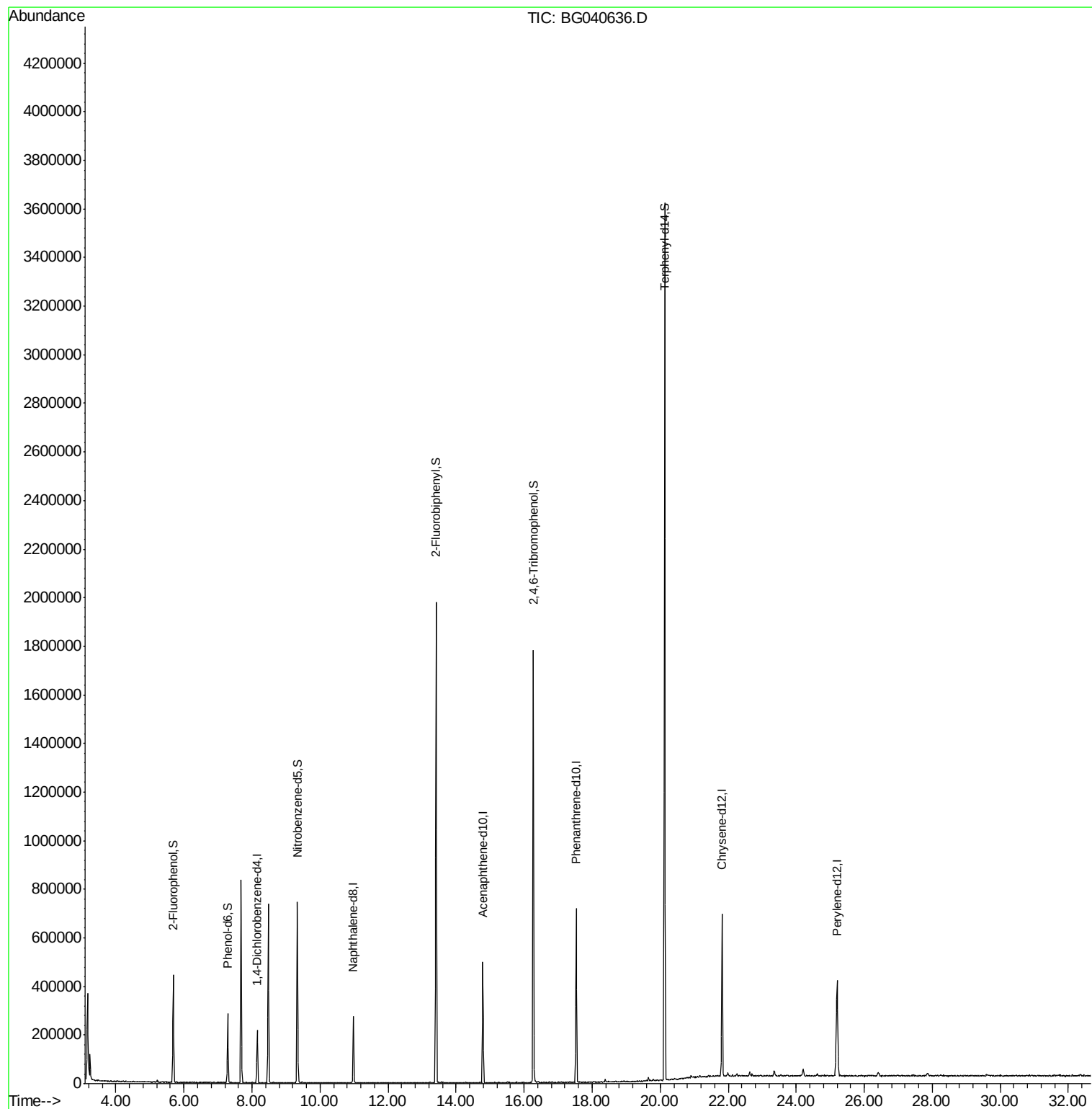
Target Compounds	Qvalue
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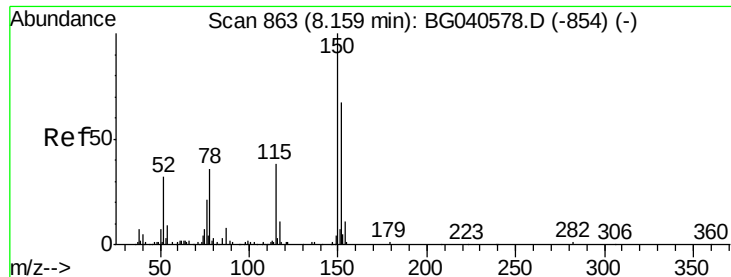
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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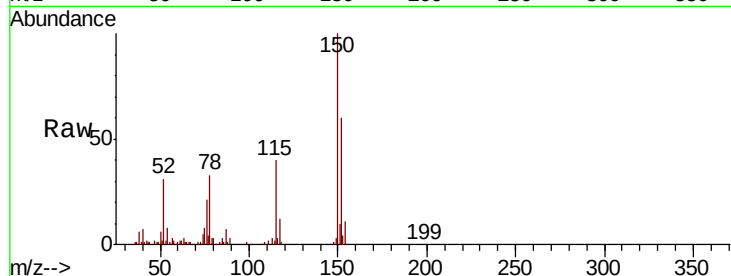


#1

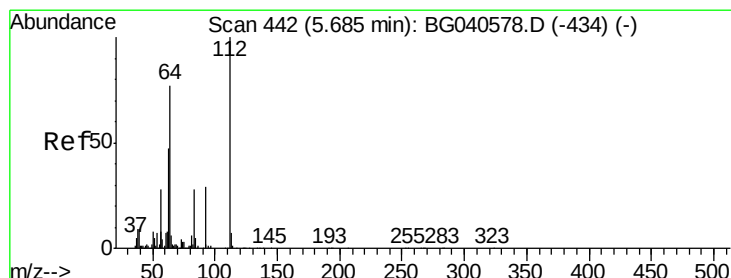
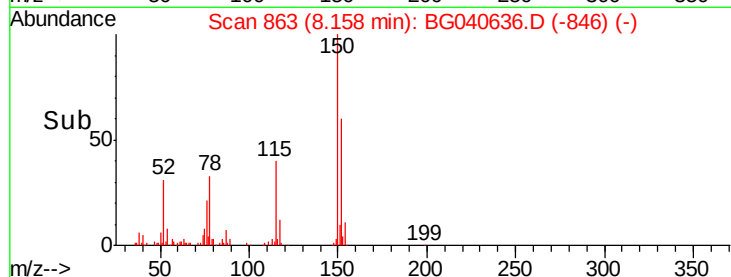
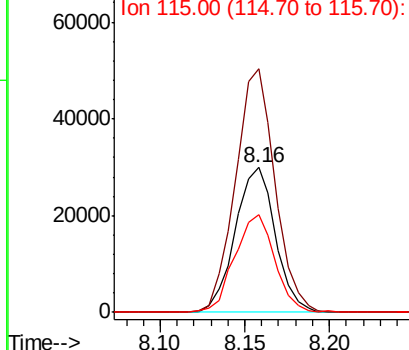
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040636.D
Acq: 26 Apr 2019 19:22

Instrument :
BNA_G
ClientSampleId :
S37-0015

Tgt Ion:152 Resp: 49543
Ion Ratio Lower Upper
152 100
150 168.1 120.2 180.2
115 67.1 46.2 69.2



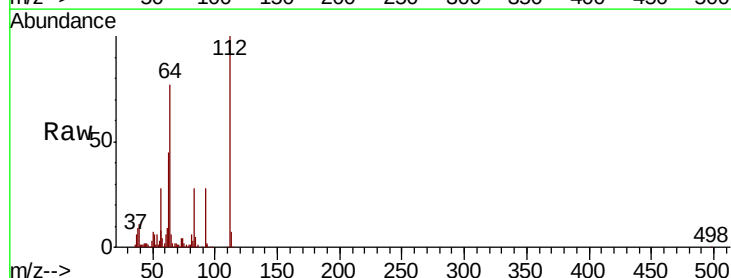
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



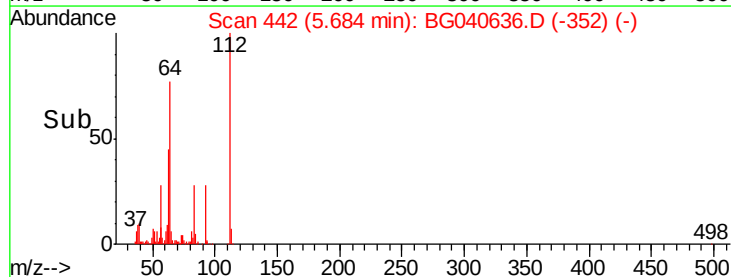
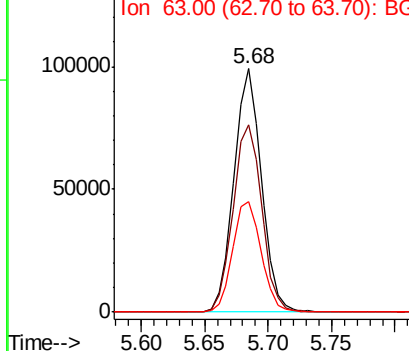
#5

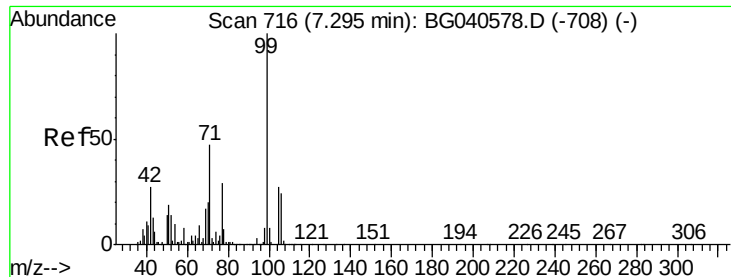
2-Fluorophenol
Concen: 52.808 ng
RT: 5.68 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040636.D
Acq: 26 Apr 2019 19:22

Tgt Ion:112 Resp: 148418
Ion Ratio Lower Upper
112 100
64 76.7 61.4 92.0
63 45.2 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.556 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040636.D

Acq: 26 Apr 2019 19:22

Instrument :

BNA_G

ClientSampled :

S37-0015

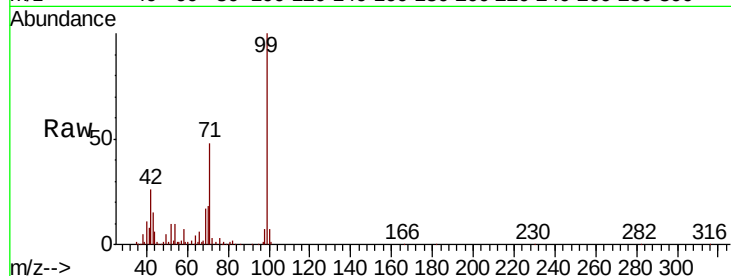
Tgt Ion: 99 Resp: 136554

Ion Ratio Lower Upper

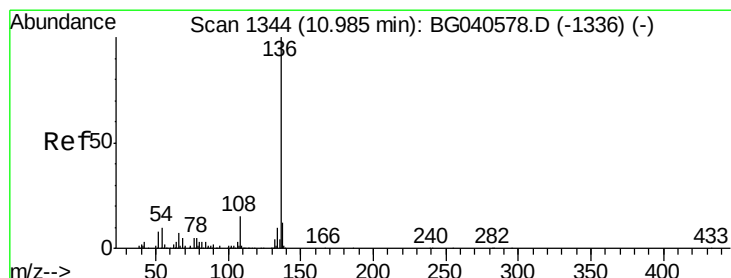
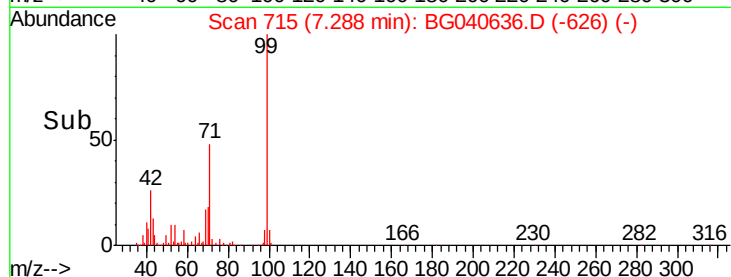
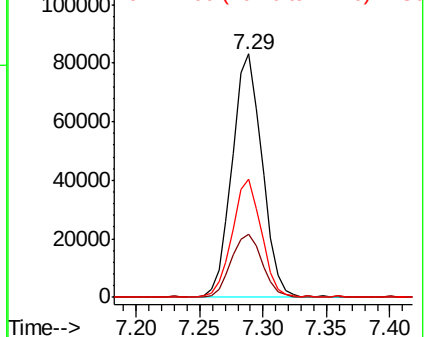
99 100

42 26.1 21.8 32.8

71 48.5 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: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG040636.D

Acq: 26 Apr 2019 19:22

Tgt Ion: 136 Resp: 215374

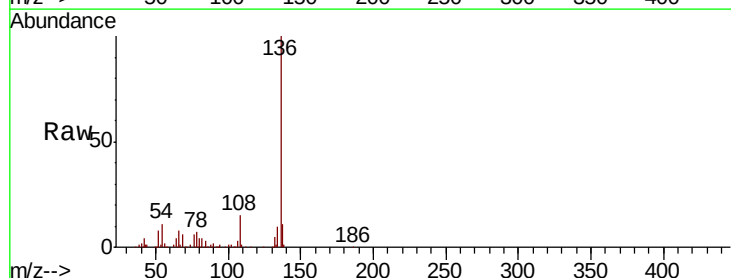
Ion Ratio Lower Upper

136 100

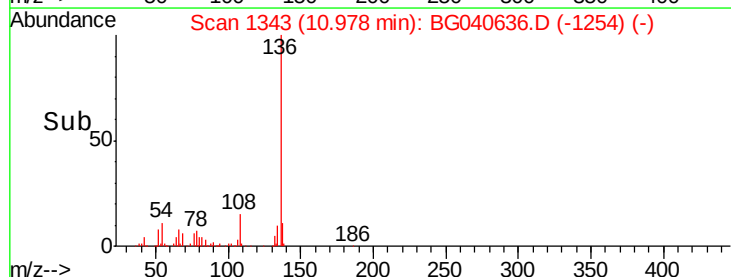
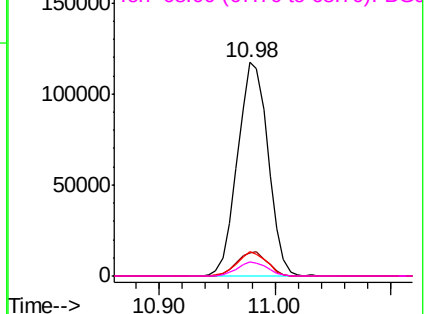
137 10.9 9.7 14.5

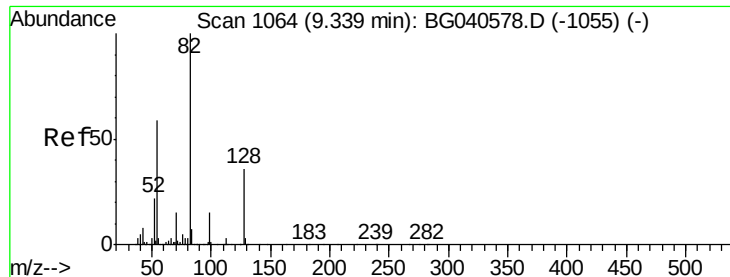
54 11.4 8.6 12.8

68 6.4 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

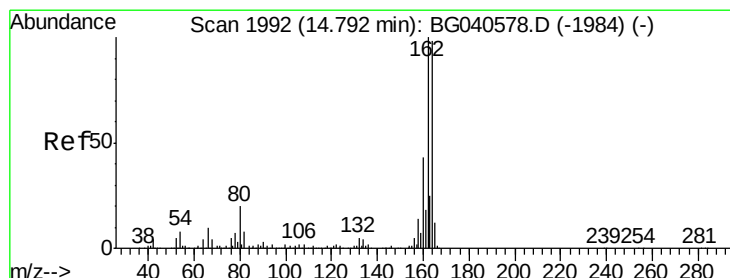
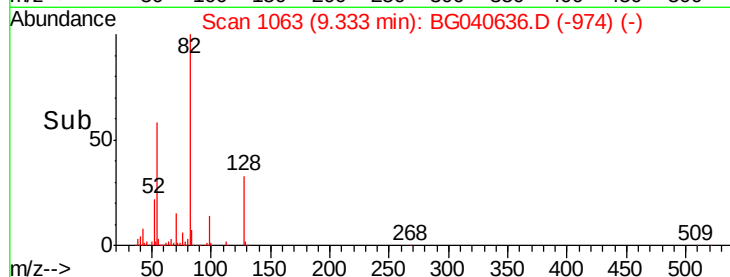
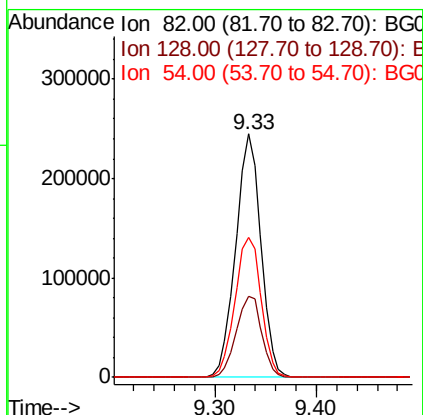
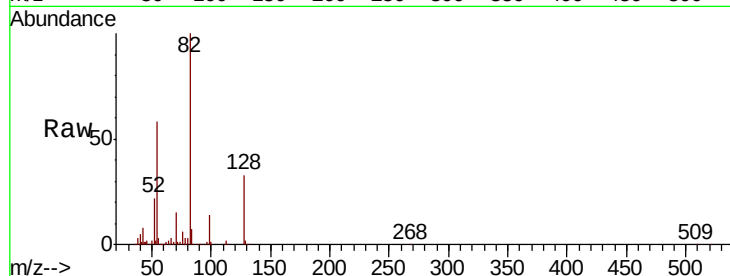




#23
 Nitrobenzene-d5
 Concen: 90.692 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040636.D
 Acq: 26 Apr 2019 19:22

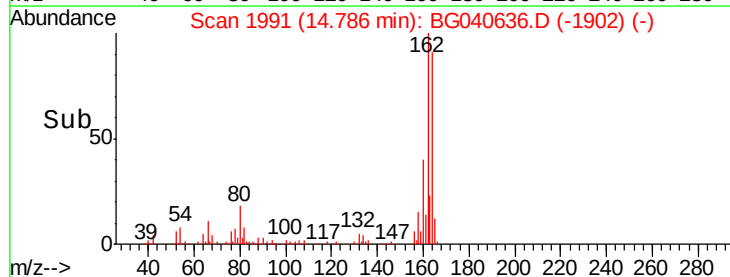
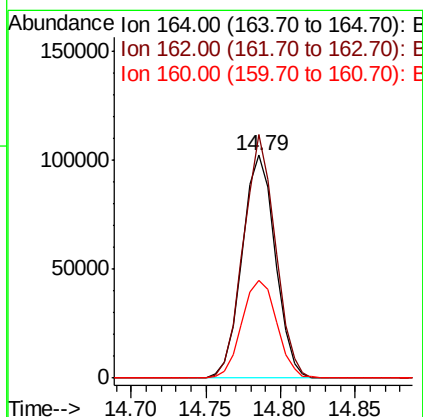
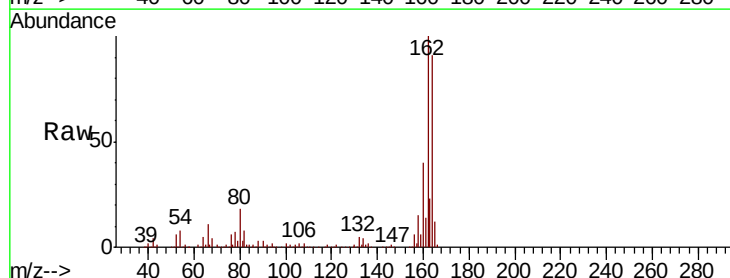
Instrument :
 BNA_G
 ClientSampleId :
 S37-0015

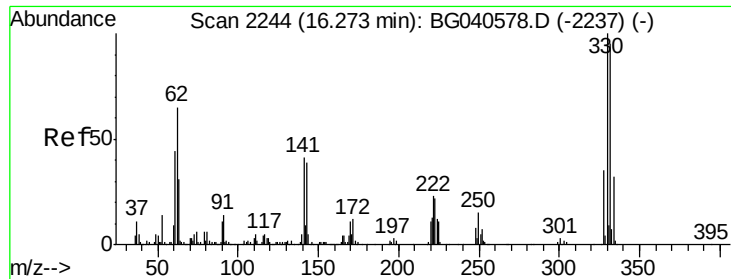
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.3	28.9	43.3
54	57.5	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG040636.D
 Acq: 26 Apr 2019 19:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.3	81.9	122.9
160	43.8	35.4	53.2

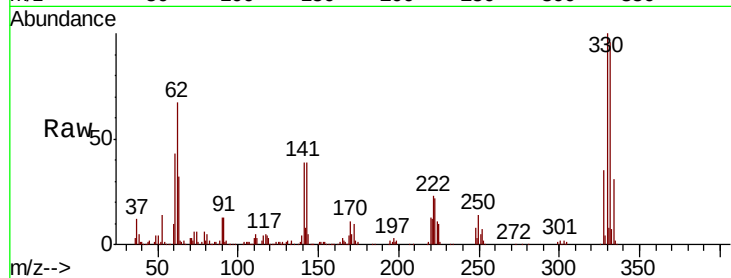




#42
 2,4,6-Tribromophenol
 Concen: 135.244 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BG040636.D
 Acq: 26 Apr 2019 19:22

Instrument :
 BNA_G
 ClientSampled :
 S37-0015

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.9	113.9
141	42.2	32.4	48.6

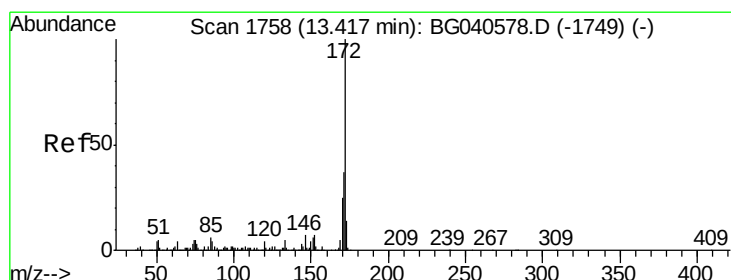
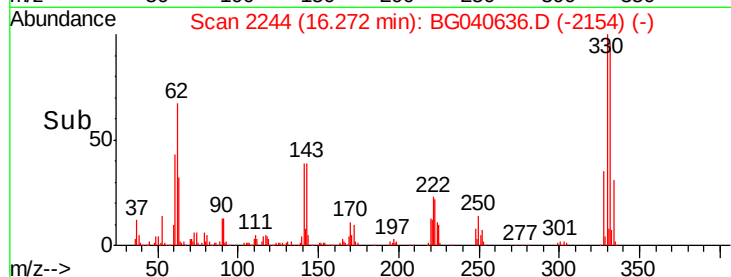
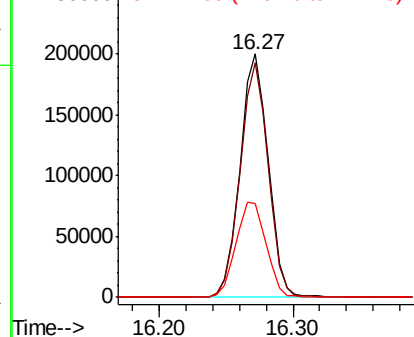


Abundance

Ion 329.80 (329.50 to 330.50): E

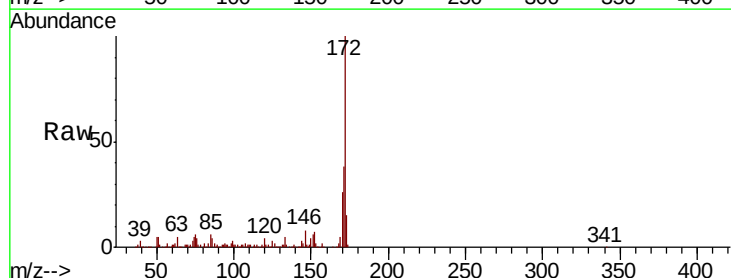
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.681 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040636.D
 Acq: 26 Apr 2019 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.4	44.2
170	26.0	19.9	29.9

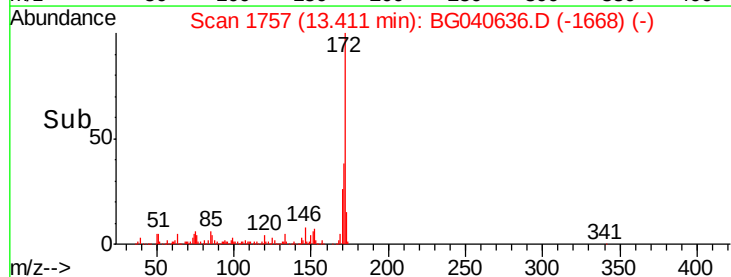
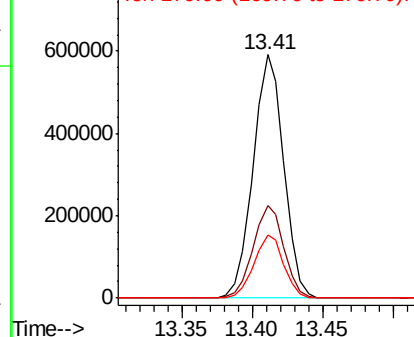


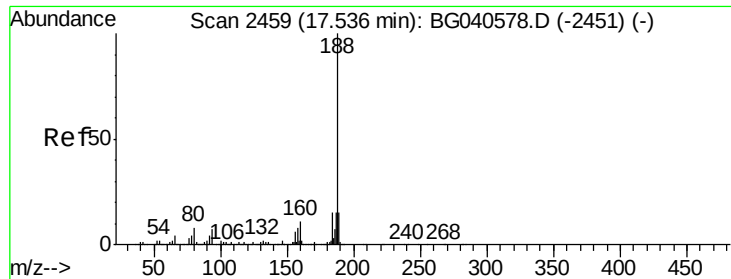
Abundance

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

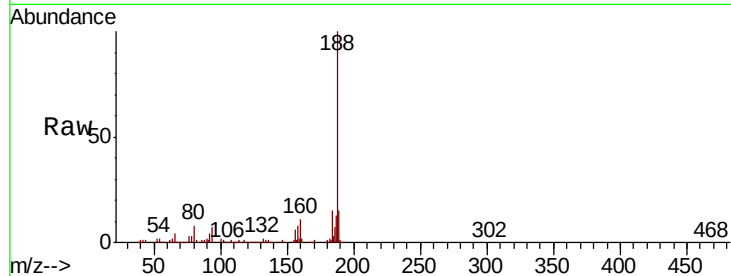




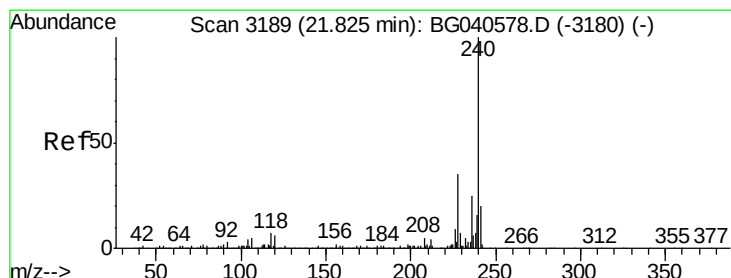
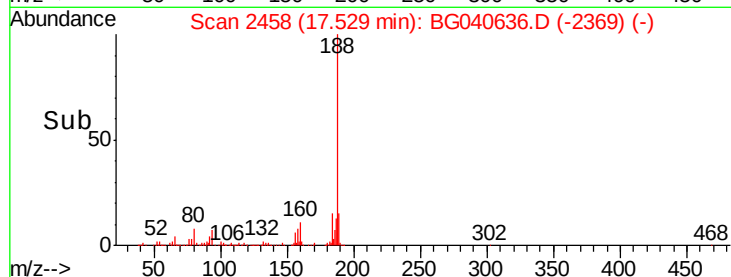
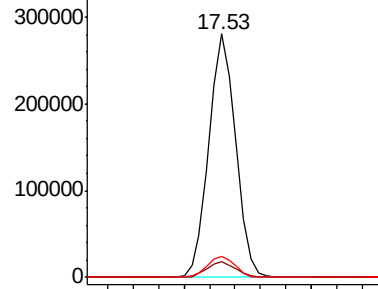
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040636.D
Acq: 26 Apr 2019 19:22

Instrument :
BNA_G
ClientSampleId :
S37-0015

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.6	8.4
80	8.5	6.4	9.6

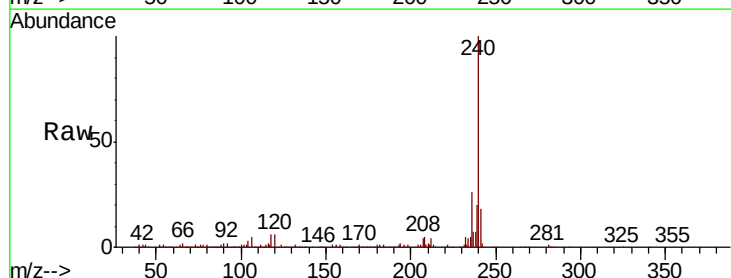


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

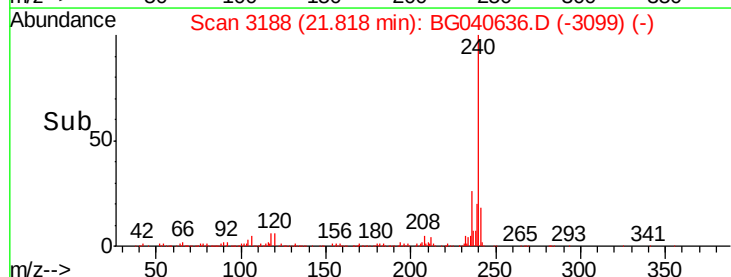
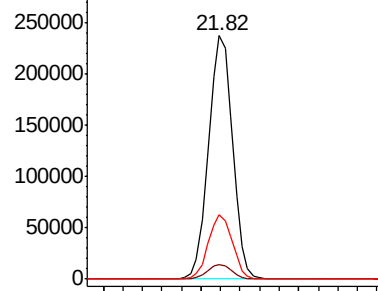


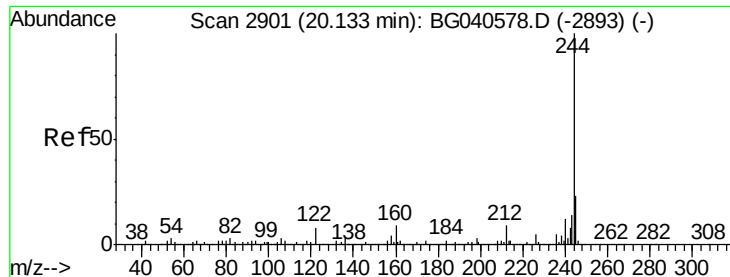
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG040636.D
Acq: 26 Apr 2019 19:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.0	7.6
236	26.3	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: 92.562 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.00 min

Lab File: BG040636.D

Acq: 26 Apr 2019 19:22

Instrument :

BNA_G

ClientSampleId :

S37-0015

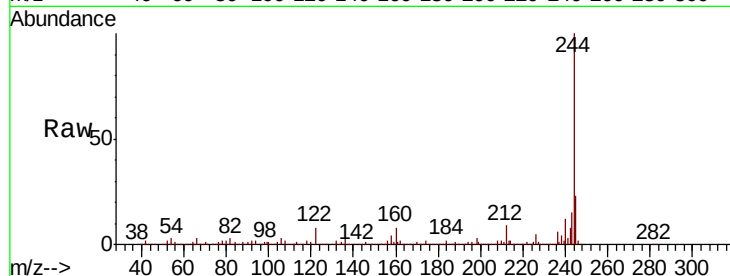
Tgt Ion:244 Resp: 1701488

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

122 7.6 6.6 10.0

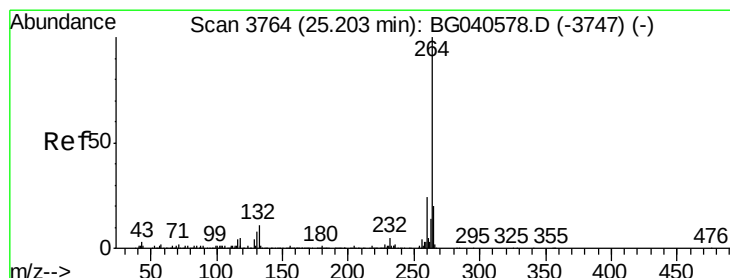
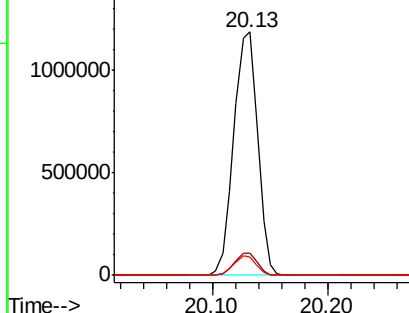
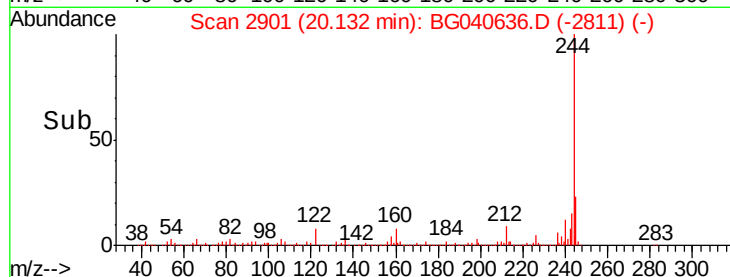


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG040636.D

Acq: 26 Apr 2019 19:22

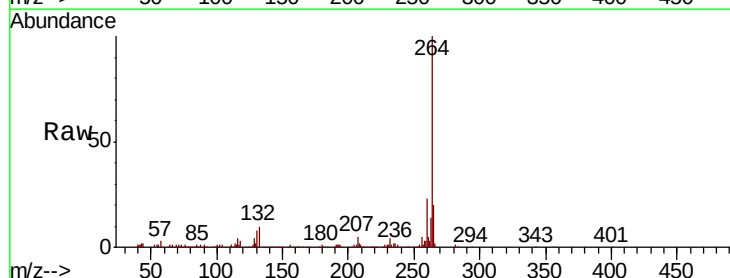
Tgt Ion:264 Resp: 424728

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.0 16.6 25.0



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

