

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
 Data File : BG040649.D
 Acq On : 27 Apr 2019 4:48
 Operator : JU/SJ
 Sample : K2544-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 135-20

Quant Time: Apr 29 02:27:55 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	8.15	152	46004	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	186684	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	134473	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	370766	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	390479	20.00	ng	-0.01
87) Perylene-d12	25.19	264	408157	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	346110	132.62	ng	0.00
7) Phenol-d6	7.29	99	459409	114.33	ng	0.00
23) Nitrobenzene-d5	9.33	82	425413	105.29	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	310905	168.21	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	875670	94.04	ng	0.00
79) Terphenyl-d14	20.13	244	1856578	105.33	ng	0.00

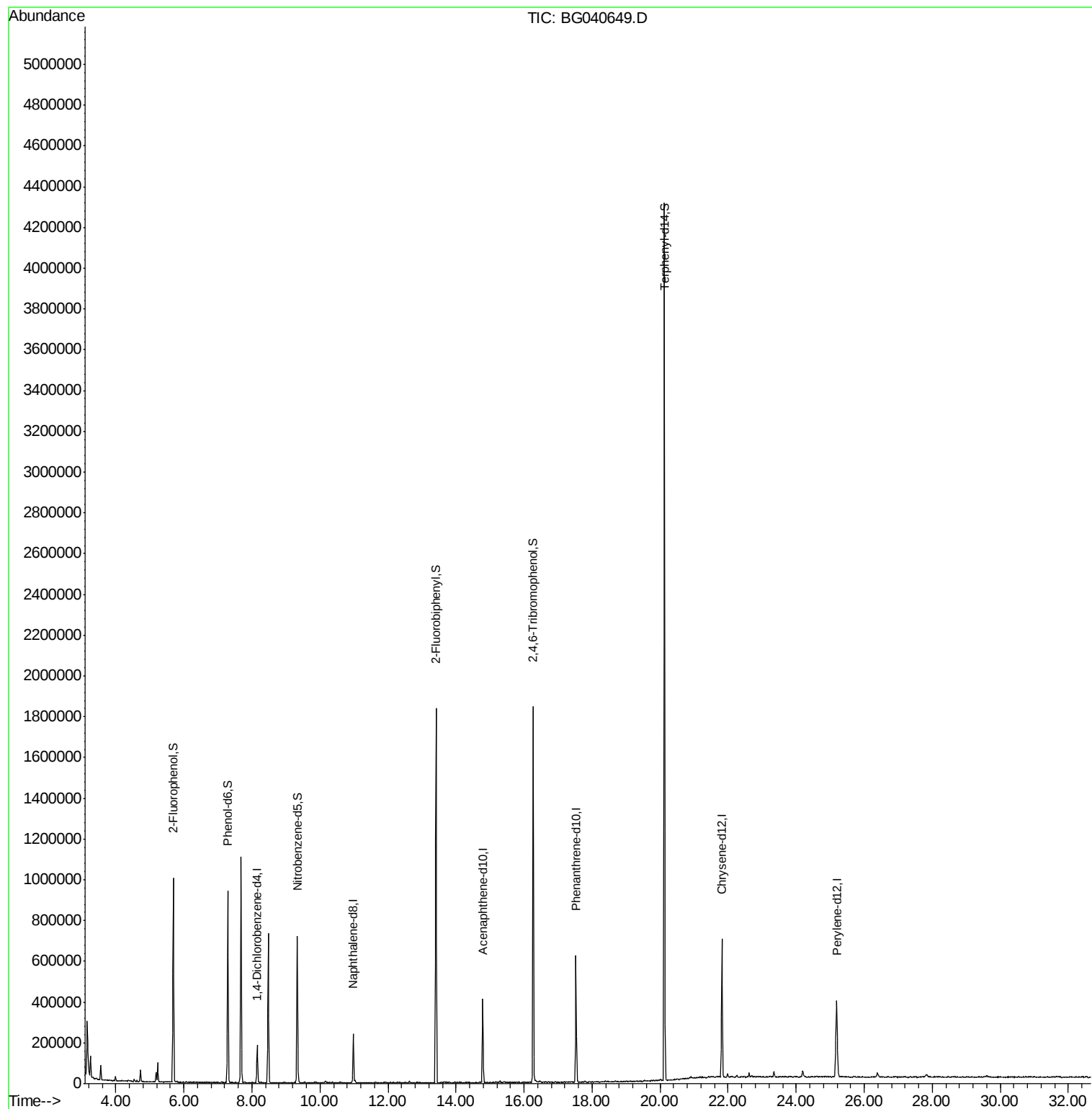
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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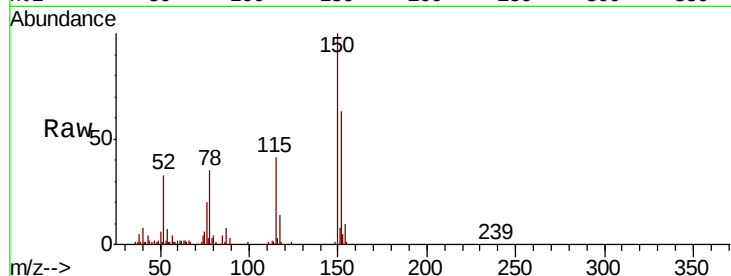


#1

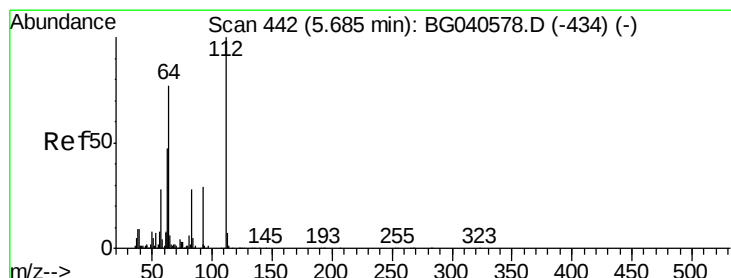
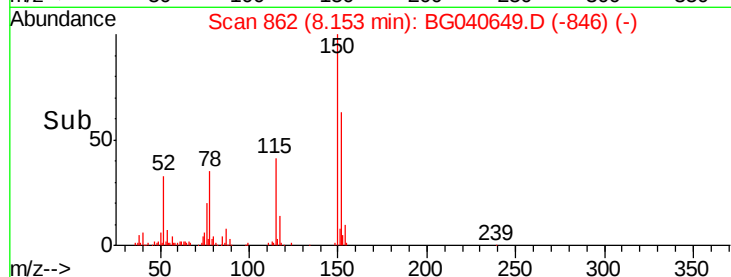
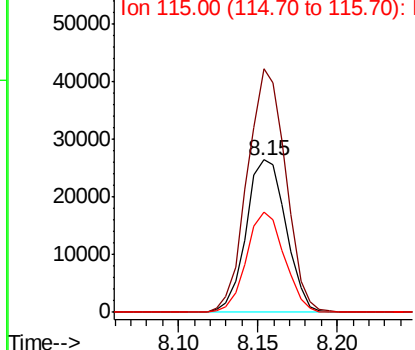
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.01 min
Lab File: BG040649.D
Acq: 27 Apr 2019 4:48

Instrument :
BNA_G
ClientSampleId :
135-20

Tgt Ion:152 Resp: 46004
Ion Ratio Lower Upper
152 100
150 159.6 120.2 180.2
115 65.6 46.2 69.2



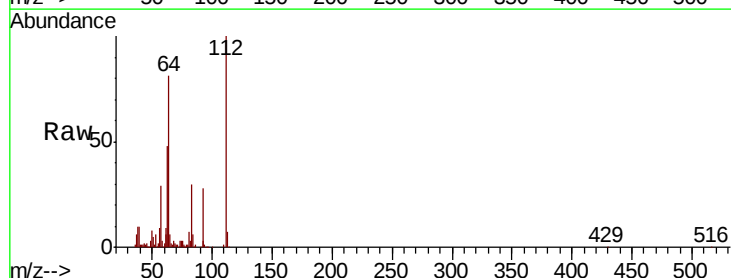
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



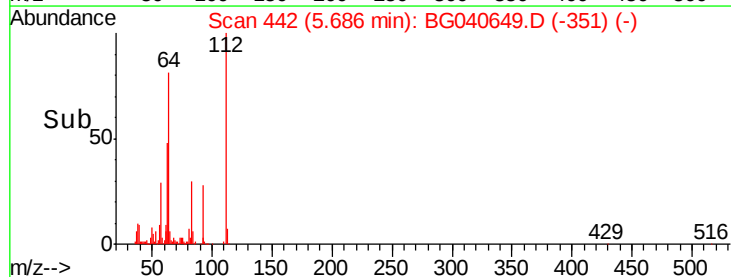
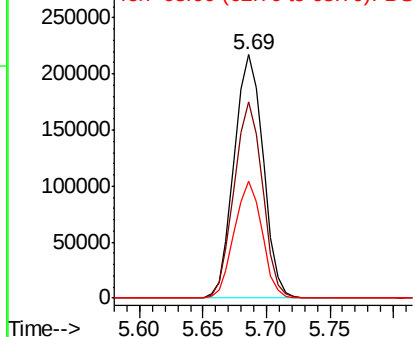
#5

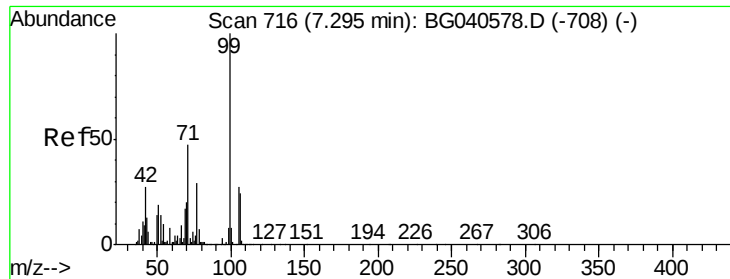
2-Fluorophenol
Concen: 132.621 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040649.D
Acq: 27 Apr 2019 4:48

Tgt Ion:112 Resp: 346110
Ion Ratio Lower Upper
112 100
64 80.8 61.4 92.0
63 48.1 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: 114.329 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040649.D

Acq: 27 Apr 2019 4:48

Instrument :

BNA_G

ClientSampleId :

135-20

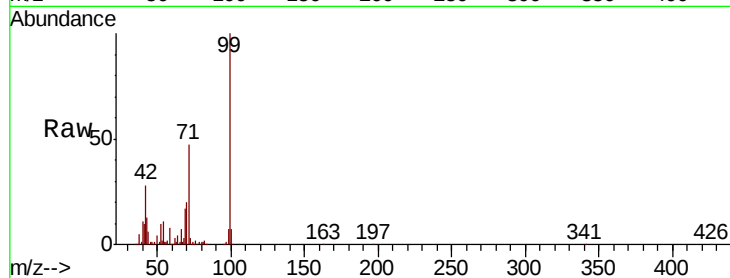
Tgt Ion: 99 Resp: 459409

Ion Ratio Lower Upper

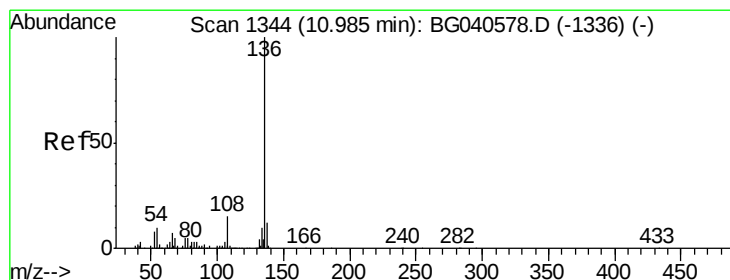
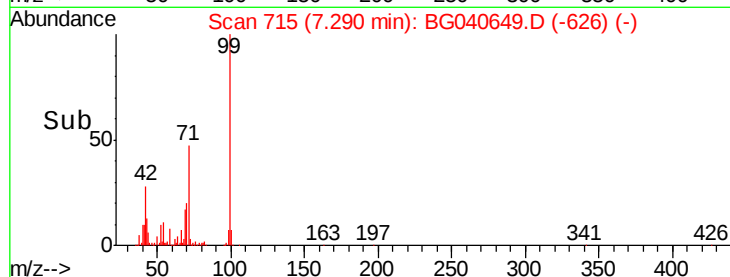
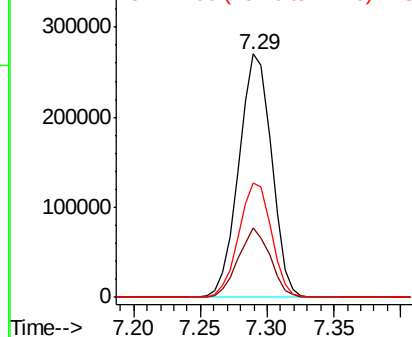
99 100

42 28.4 21.8 32.8

71 47.2 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: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG040649.D

Acq: 27 Apr 2019 4:48

Tgt Ion: 136 Resp: 186684

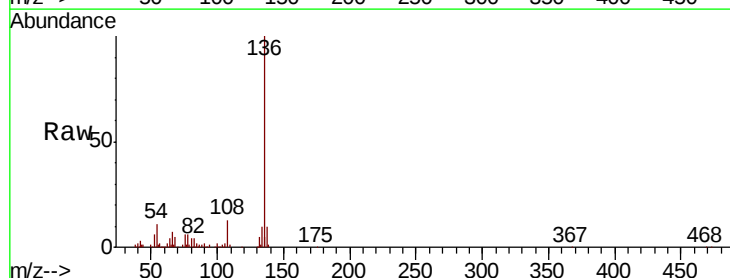
Ion Ratio Lower Upper

136 100

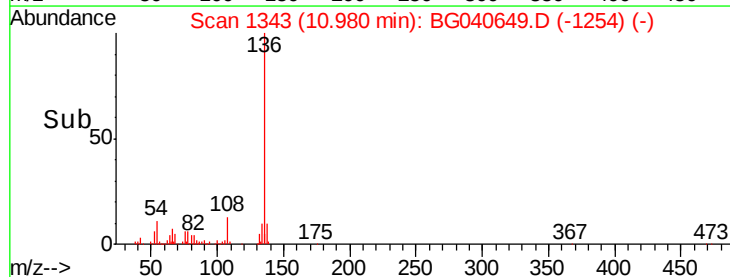
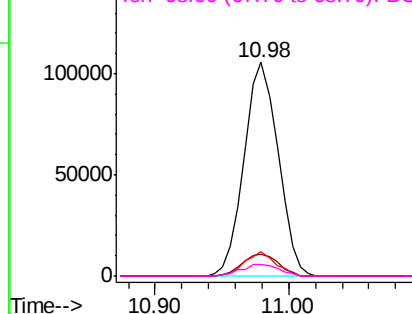
137 10.5 9.7 14.5

54 11.3 8.6 12.8

68 5.3 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

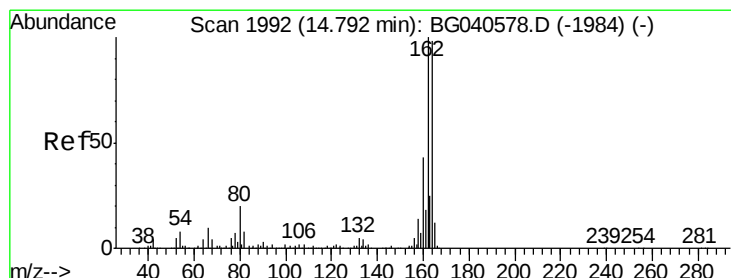
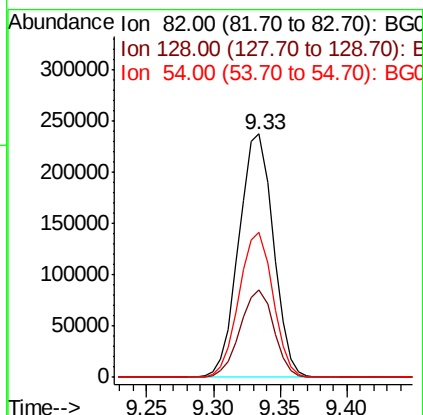
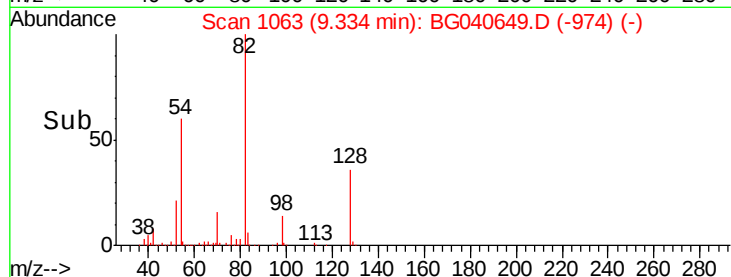
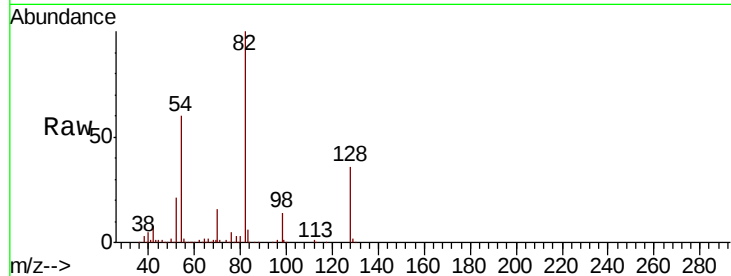




#23
Nitrobenzene-d5
Concen: 105.294 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG040649.D
Acq: 27 Apr 2019 4:48

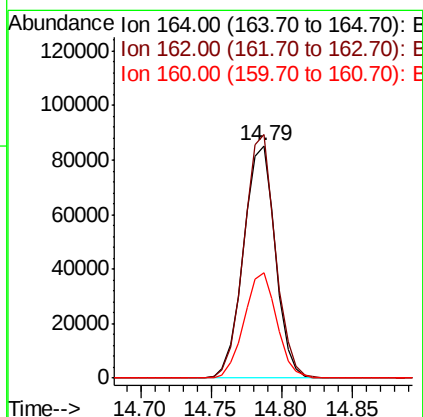
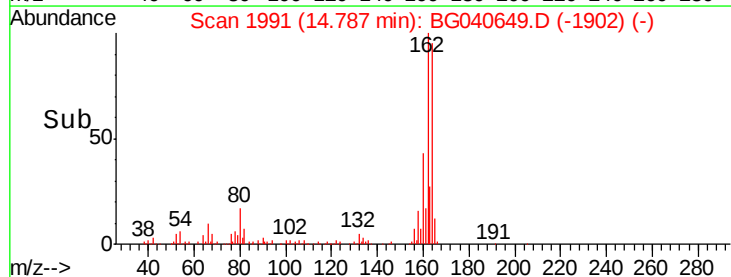
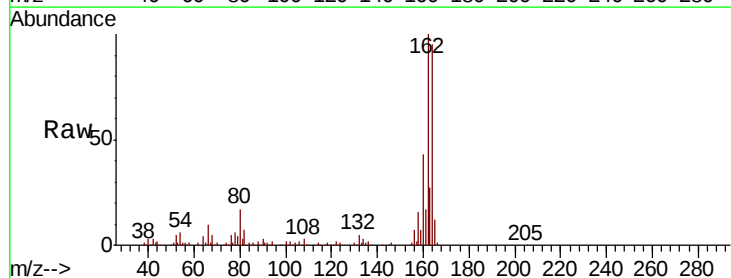
Instrument :
BNA_G
ClientSampleId :
135-20

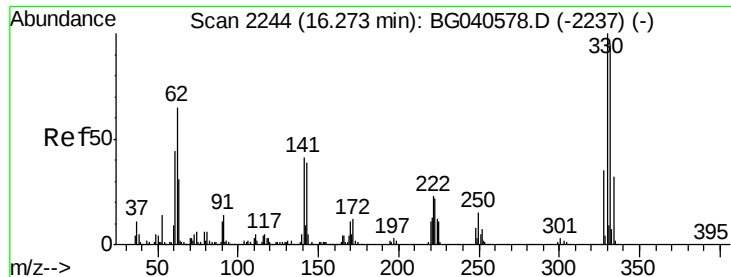
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.9	43.3
54	59.6	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG040649.D
Acq: 27 Apr 2019 4:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.9	122.9
160	45.3	35.4	53.2

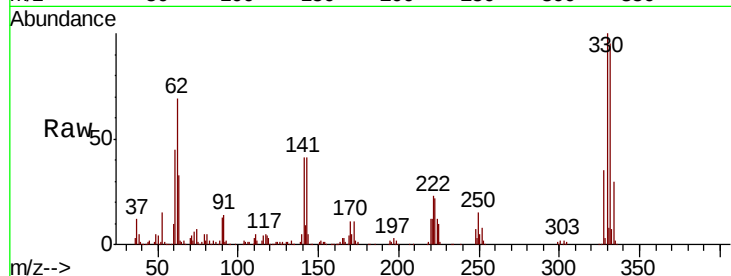




#42
 2,4,6-Tribromophenol
 Concen: 168.206 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG040649.D
 Acq: 27 Apr 2019 4:48

Instrument :
 BNA_G
 ClientSampleId :
 135-20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.9	113.9
141	40.0	32.4	48.6

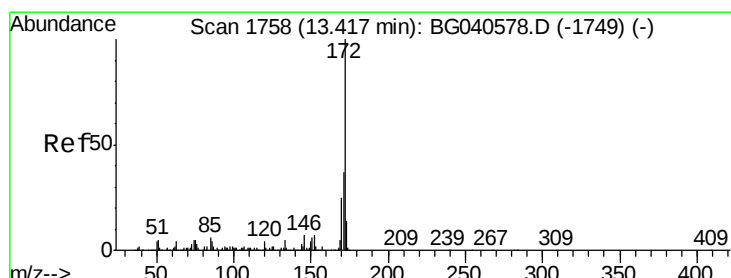
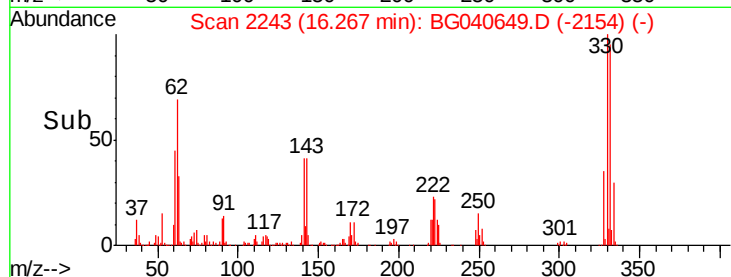
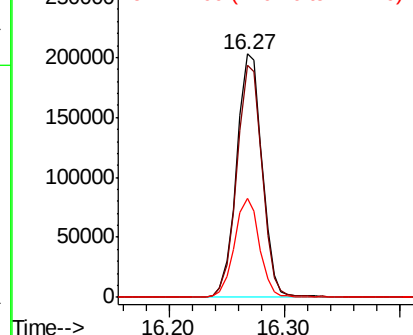


Abundance

Ion 329.80 (329.50 to 330.50): E

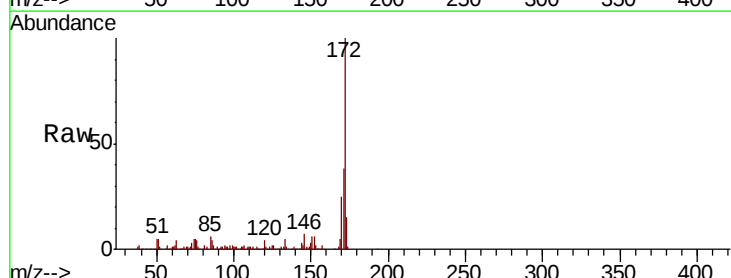
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.044 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040649.D
 Acq: 27 Apr 2019 4:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	24.9	19.9	29.9

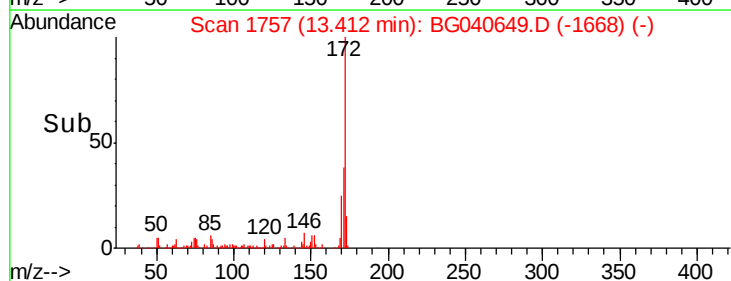
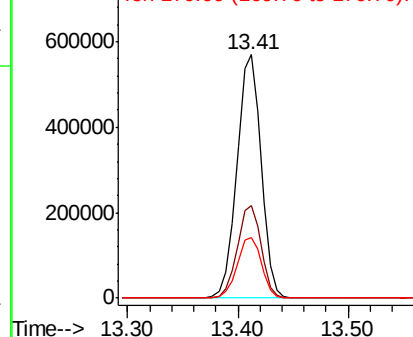


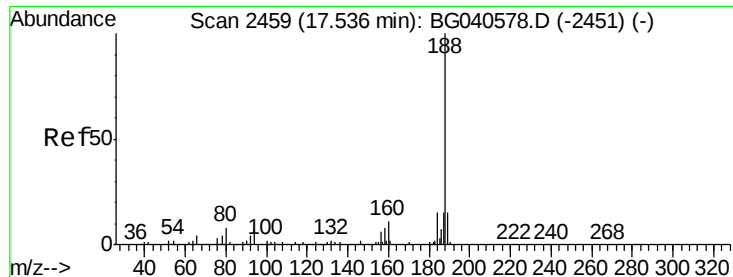
Abundance

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

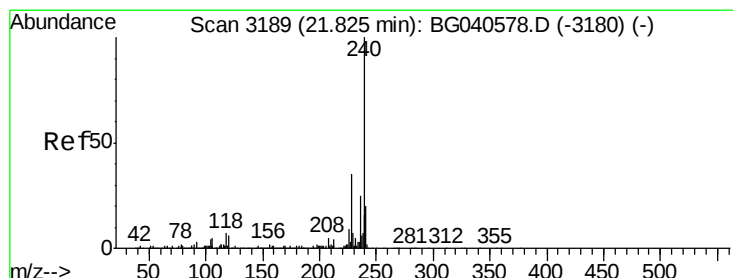
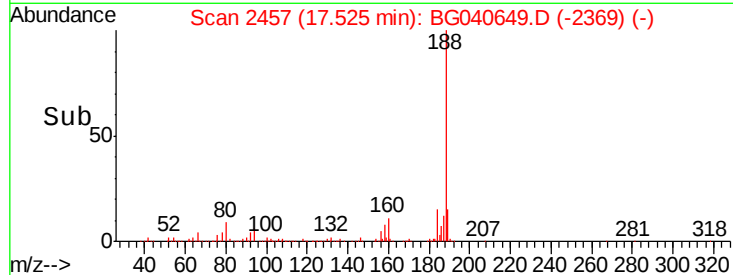
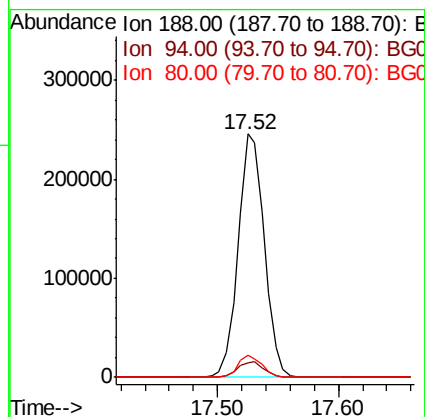
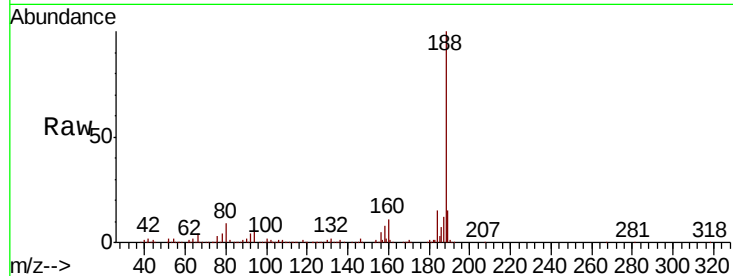




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG040649.D
Acq: 27 Apr 2019 4:48

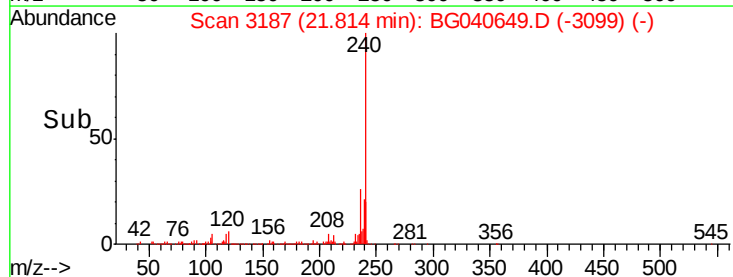
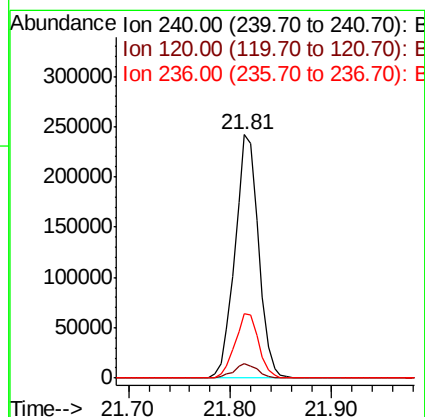
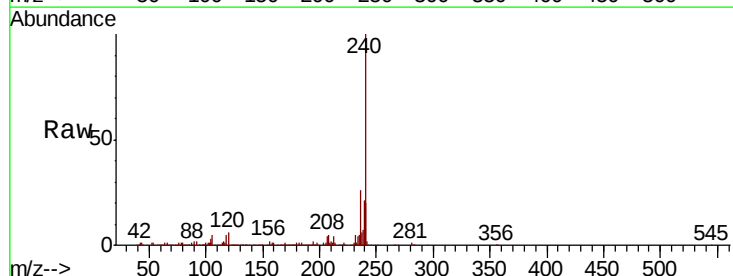
Instrument :
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ClientSampleId :
135-20

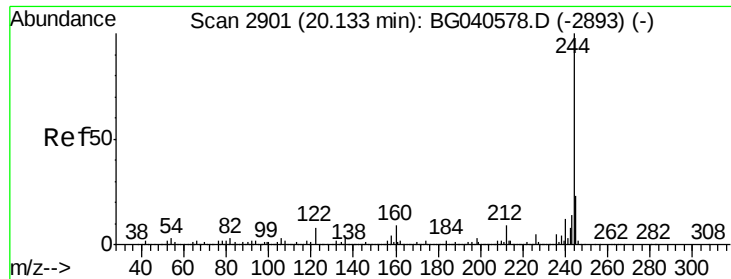
Tgt Ion:188 Resp: 370766
Ion Ratio Lower Upper
188 100
94 6.2 5.6 8.4
80 8.9 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.01 min
Lab File: BG040649.D
Acq: 27 Apr 2019 4:48

Tgt Ion:240 Resp: 390479
Ion Ratio Lower Upper
240 100
120 5.8 5.0 7.6
236 26.3 20.3 30.5





#79

Terphenyl-d14

Concen: 105.335 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040649.D

Acq: 27 Apr 2019 4:48

Instrument :

BNA_G

ClientSampleId :

135-20

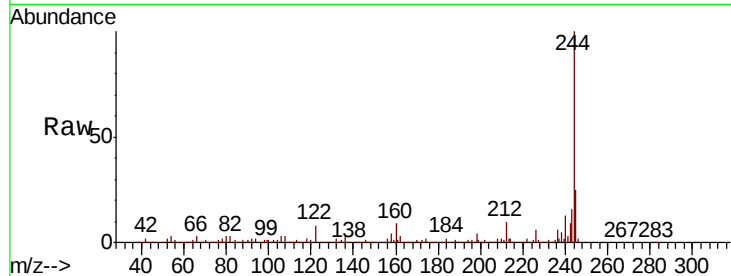
Tgt Ion:244 Resp: 1856578

Ion Ratio Lower Upper

244 100

212 9.9 7.2 10.8

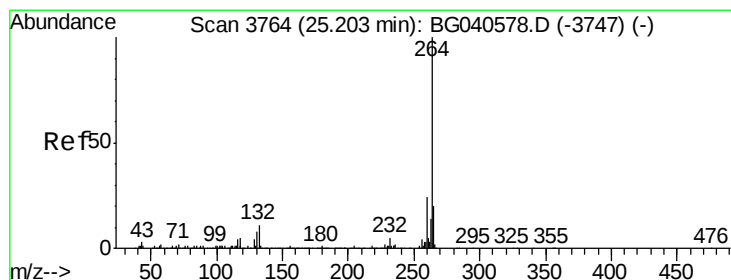
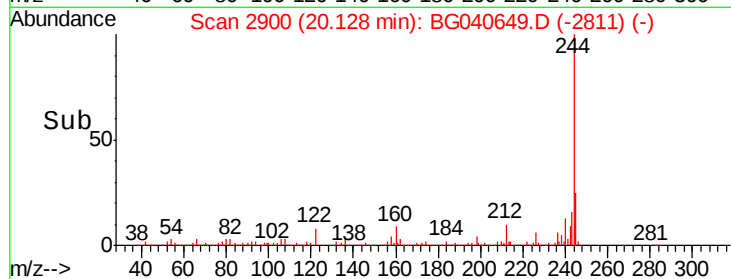
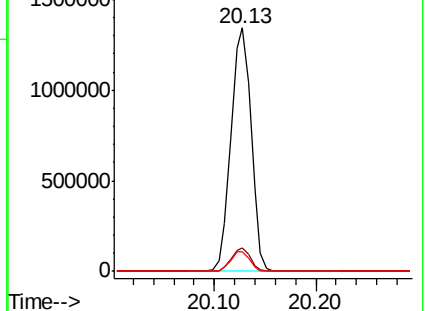
122 8.2 6.6 10.0



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

Perylene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG040649.D

Acq: 27 Apr 2019 4:48

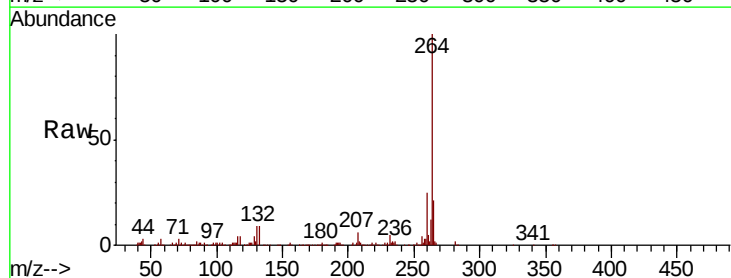
Tgt Ion:264 Resp: 408157

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.0 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

