

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040616.D
 Acq On : 25 Apr 2019 18:38
 Operator : JU/SJ
 Sample : K2535-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-ER-2019-1

Quant Time: Apr 26 03:37:25 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	43152	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	183795	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	138016	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	367834	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	390771	20.00	ng	-0.01
87) Perylene-d12	25.19	264	407834	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	140768	57.50	ng	0.00
7) Phenol-d6	7.28	99	131734	34.95	ng	-0.01
23) Nitrobenzene-d5	9.33	82	376739	94.71	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	266269	140.36	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	798522	83.56	ng	-0.01
79) Terphenyl-d14	20.13	244	1705421	96.69	ng	0.00

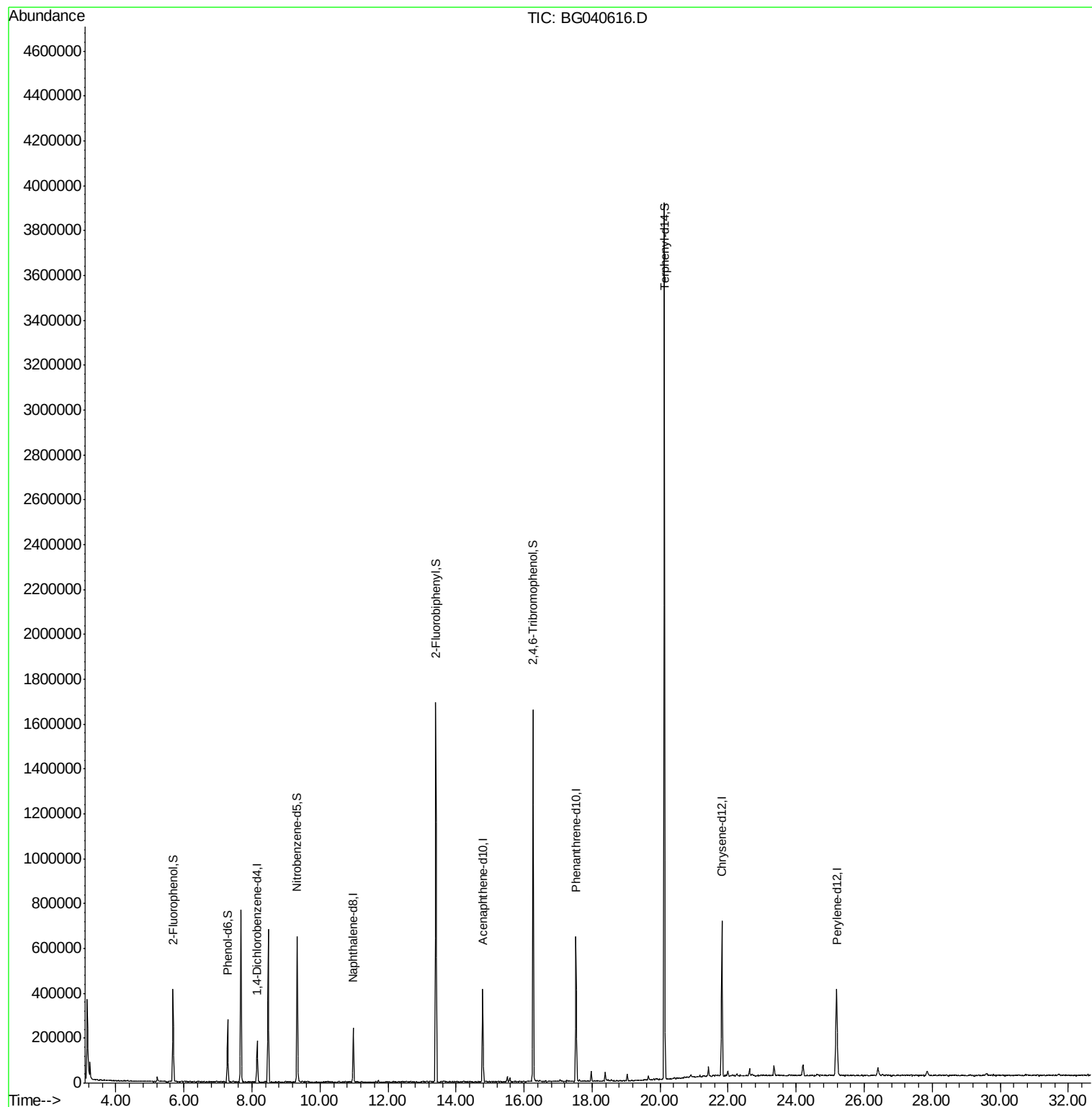
Target Compounds Qvalue

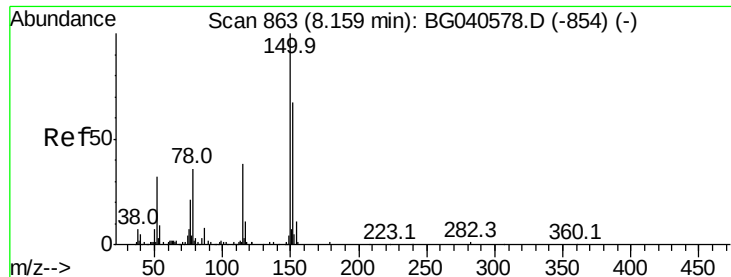
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG040616.D

Acq: 25 Apr 2019 18:38

Instrument :

BNA_G

ClientSampleId :

S37-ER-2019-1

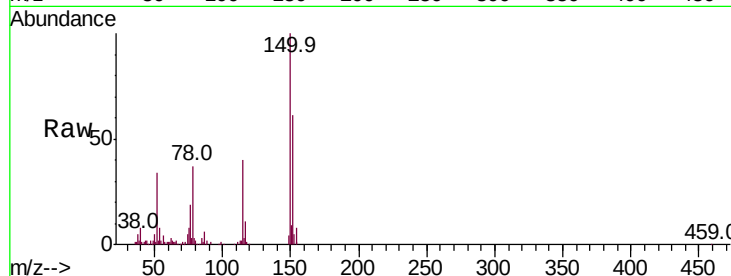
Tot Ion:152 Resp: 43152

Ion Ratio Lower Upper

152 100

150 162.6 120.2 180.2

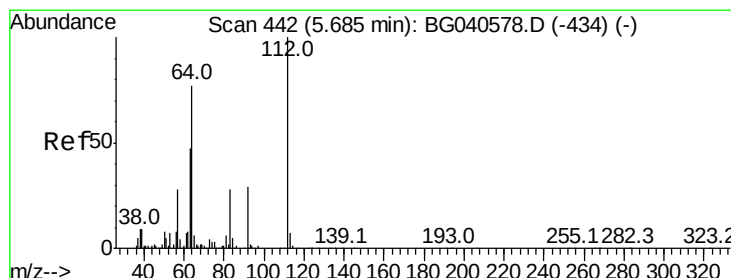
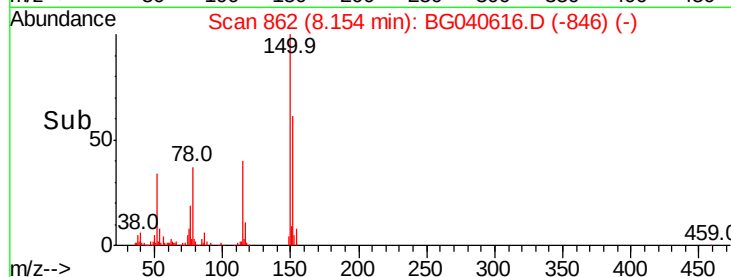
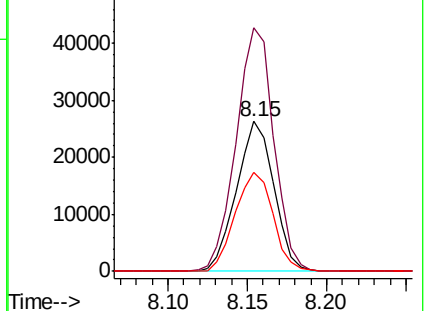
115 65.8 46.2 69.2



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: 57.504 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040616.D

Acq: 25 Apr 2019 18:38

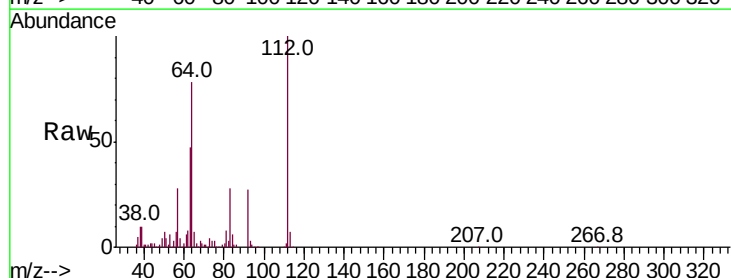
Tgt Ion:112 Resp: 140768

Ion Ratio Lower Upper

112 100

64 78.0 61.4 92.0

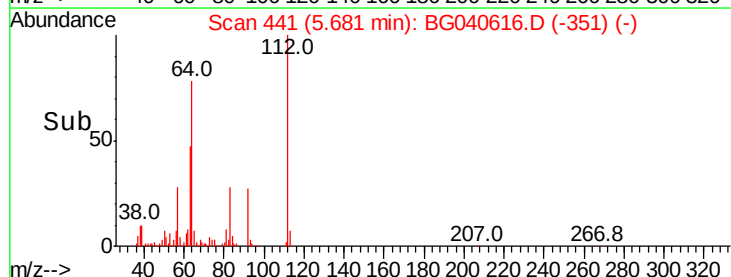
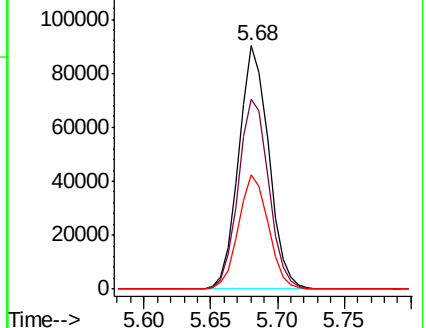
63 47.1 37.8 56.6

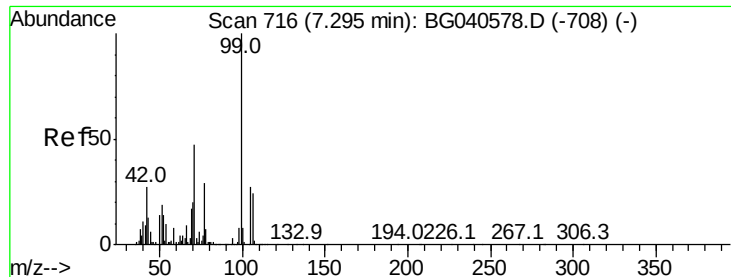


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 34.950 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040616.D

Acq: 25 Apr 2019 18:38

Instrument :

BNA_G

ClientSampled :

S37-ER-2019-1

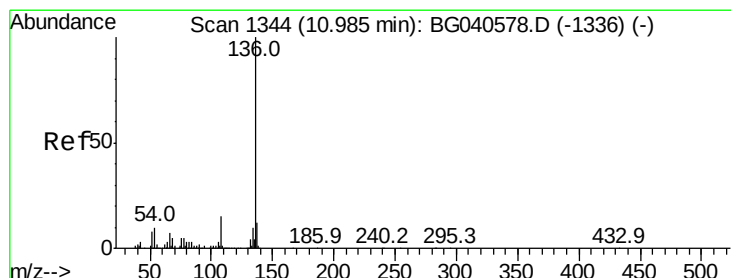
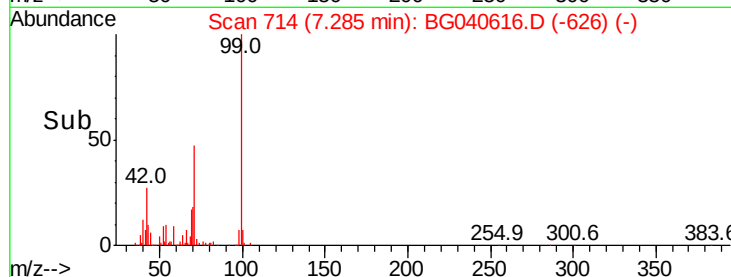
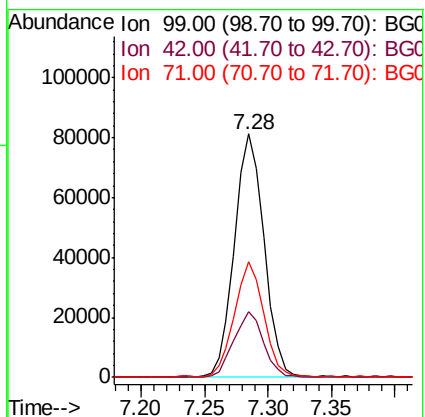
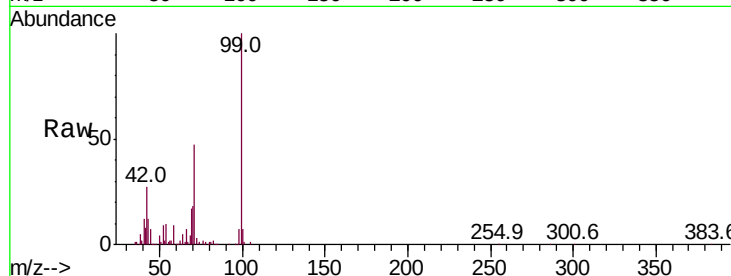
Tot Ion: 99 Resp: 131734

Ion Ratio Lower Upper

99 100

42 26.7 21.8 32.8

71 47.4 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG040616.D

Acq: 25 Apr 2019 18:38

Tgt Ion: 136 Resp: 183795

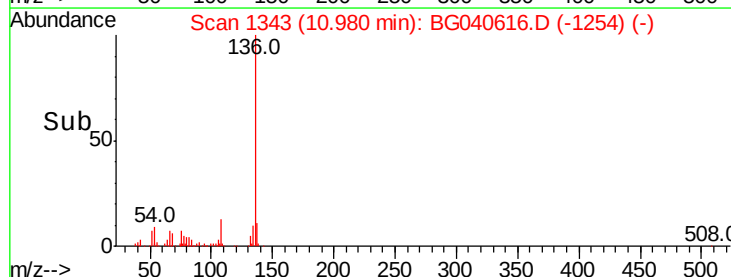
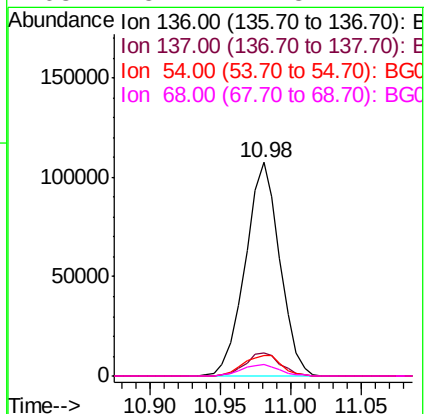
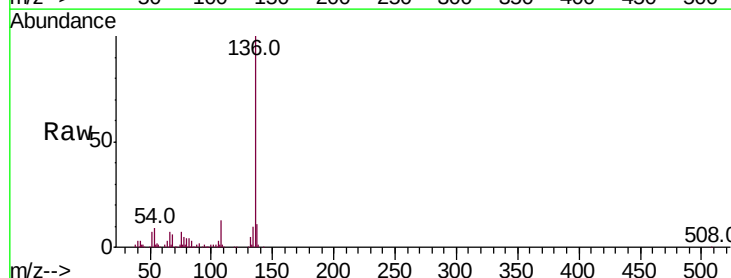
Ion Ratio Lower Upper

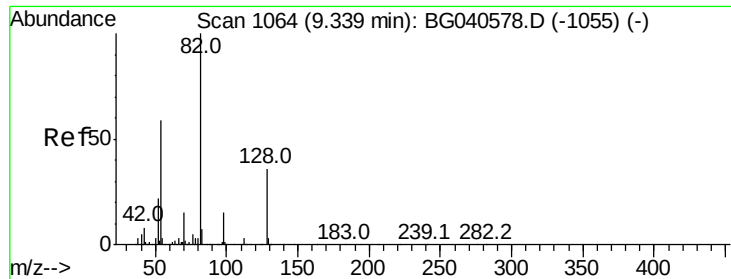
136 100

137 11.0 9.7 14.5

54 9.4 8.6 12.8

68 5.7 4.8 7.2

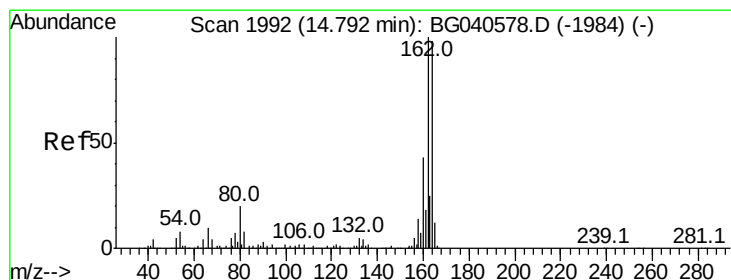
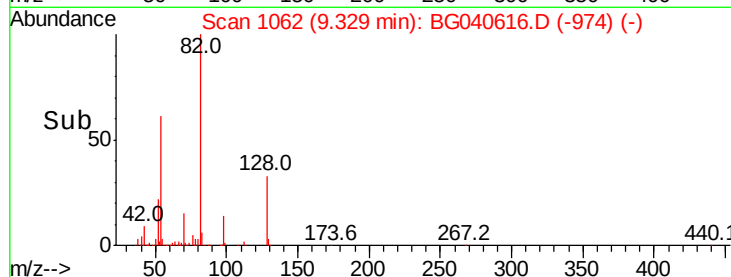
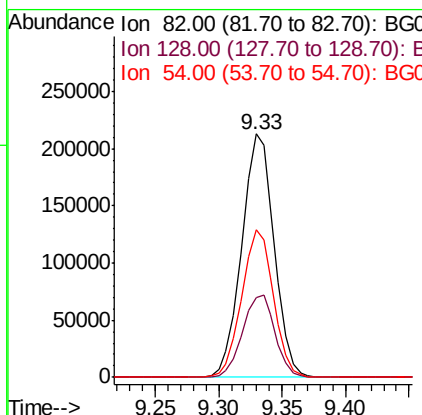
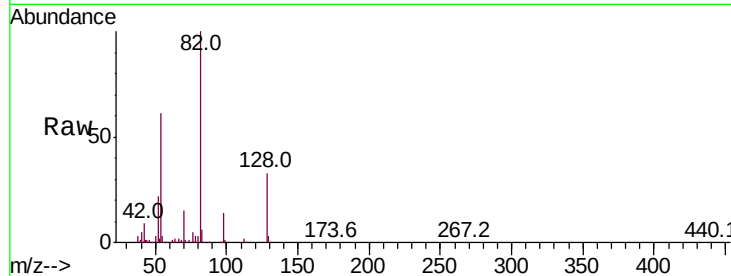




#23
 Nitrobenzene-d5
 Concen: 94.713 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BG040616.D
 Acq: 25 Apr 2019 18:38

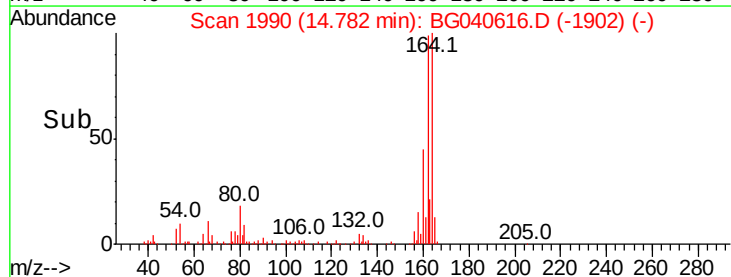
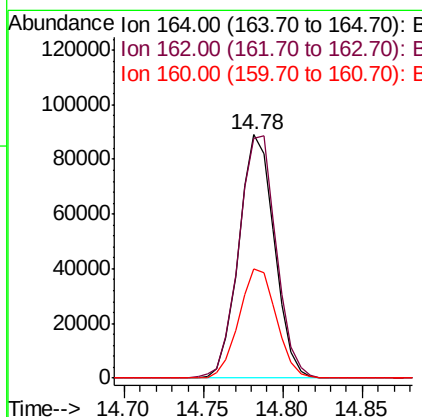
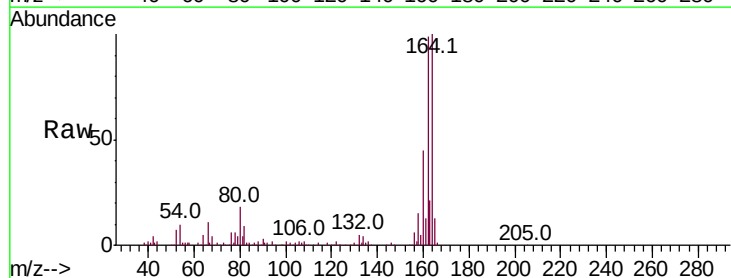
Instrument :
 BNA_G
 ClientSampleId :
 S37-ER-2019-1

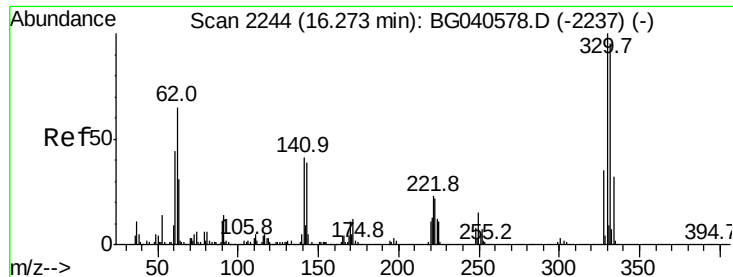
Tot Ion	82	Resp	376739
Ion	Ratio	Lower	Upper
82	100		
128	33.0	28.9	43.3
54	60.8	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG040616.D
 Acq: 25 Apr 2019 18:38

Tgt Ion	164	Resp	138016
Ion	Ratio	Lower	Upper
164	100		
162	98.5	81.9	122.9
160	45.0	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 140.359 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BG040616.D

Acq: 25 Apr 2019 18:38

Instrument :

BNA_G

ClientSampleId :

S37-ER-2019-1

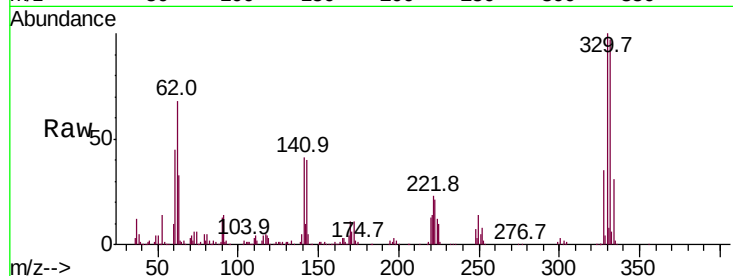
Tot Ion:330 Resp: 266269

Ion Ratio Lower Upper

330 100

332 96.3 75.9 113.9

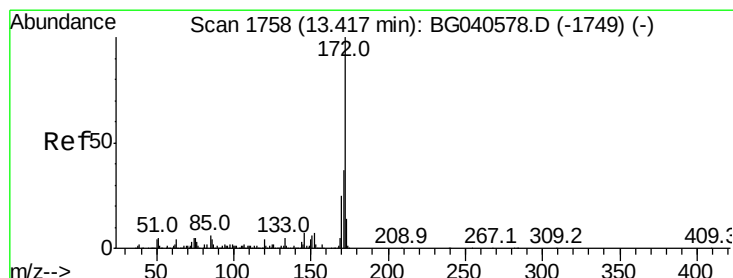
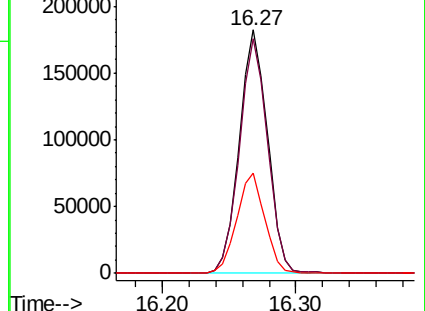
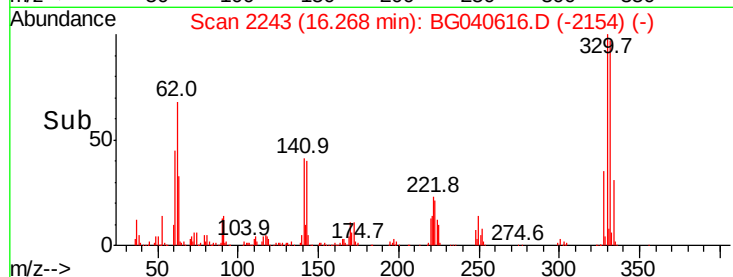
141 41.2 32.4 48.6



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: 83.557 ng

RT: 13.41 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG040616.D

Acq: 25 Apr 2019 18:38

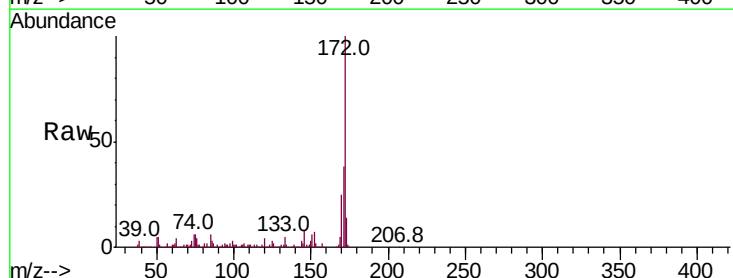
Tgt Ion:172 Resp: 798522

Ion Ratio Lower Upper

172 100

171 37.6 29.4 44.2

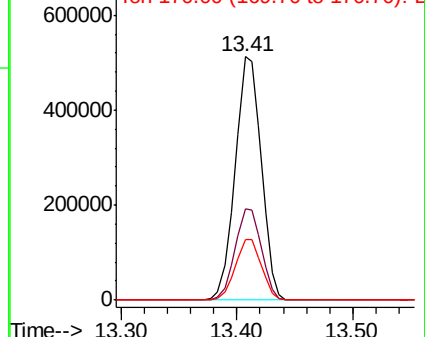
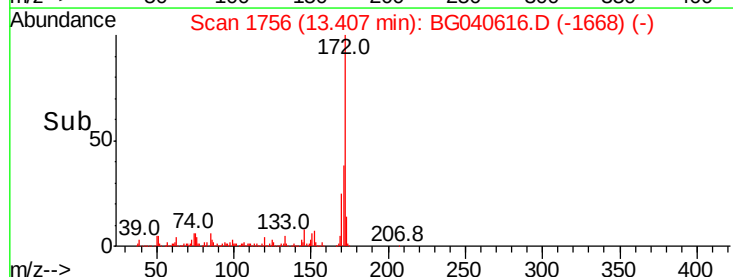
170 24.9 19.9 29.9

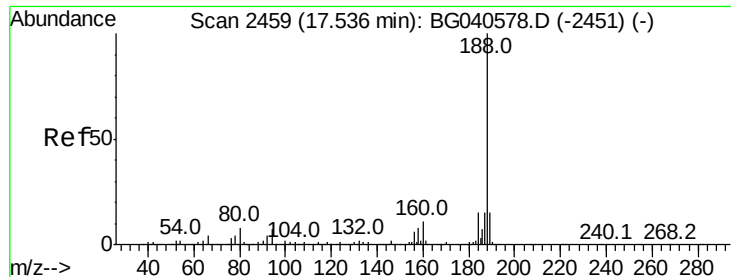


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.53 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG040616.D

Acq: 25 Apr 2019 18:38

Instrument :

BNA_G

ClientSampleId :

S37-ER-2019-1

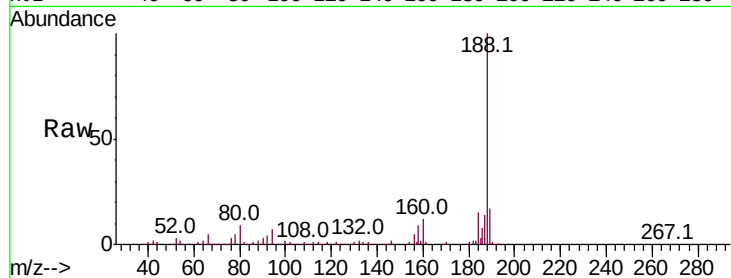
Tot Ion:188 Resp: 367834

Ion Ratio Lower Upper

188 100

94 6.9 5.6 8.4

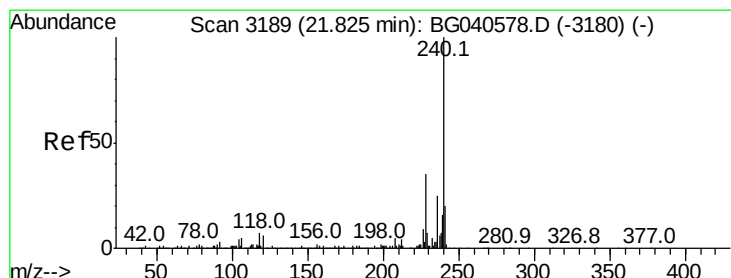
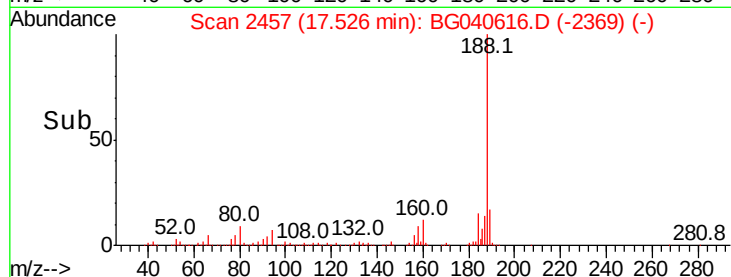
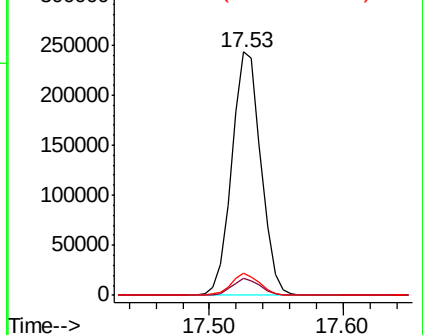
80 9.0 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BG040616.D

Acq: 25 Apr 2019 18:38

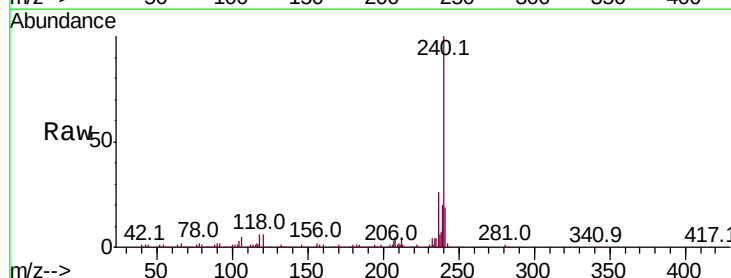
Tgt Ion:240 Resp: 390771

Ion Ratio Lower Upper

240 100

120 5.6 5.0 7.6

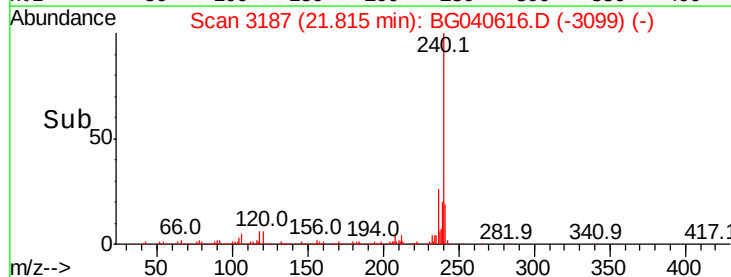
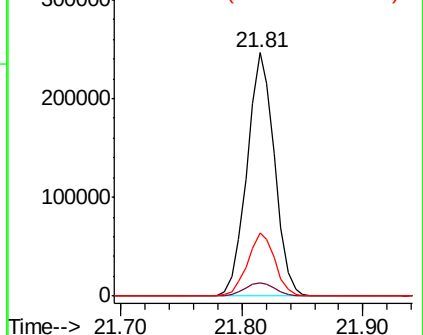
236 26.0 20.3 30.5

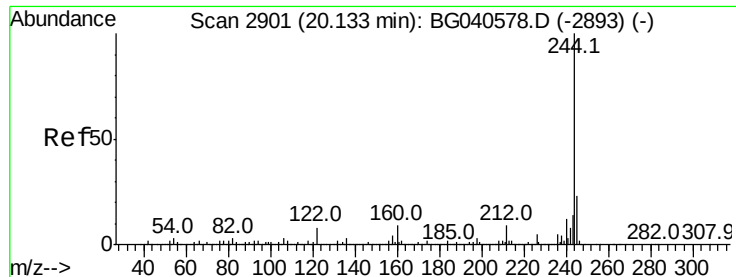


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



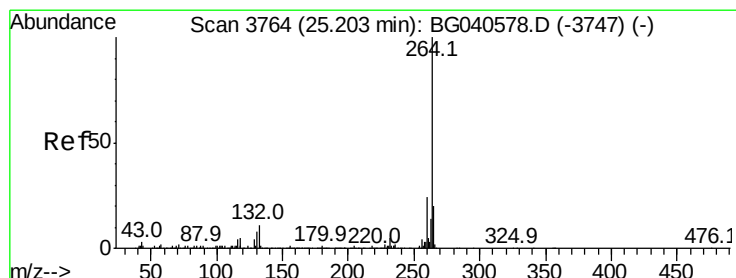
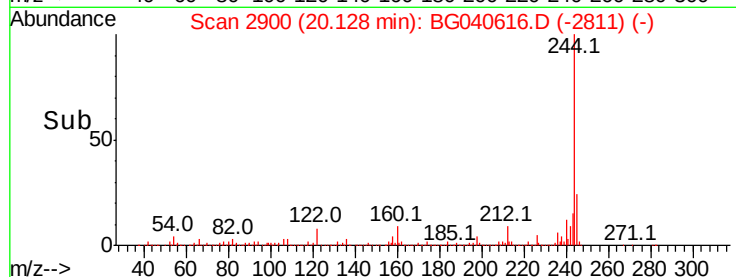
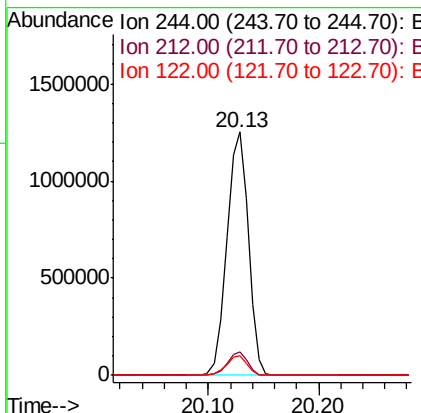
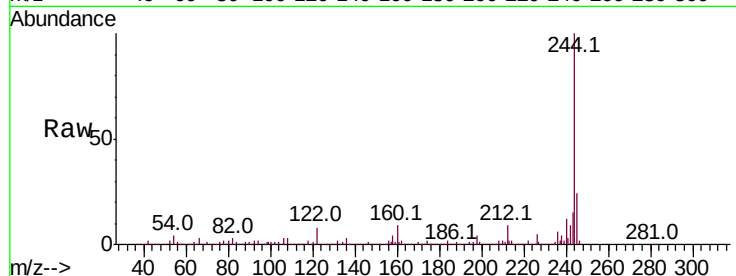


#79
 Terphenyl-d14
 Concen: 96.686 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG040616.D
 Acq: 25 Apr 2019 18:38

Instrument :
 BNA_G
 ClientSampleId :
 S37-ER-2019-1

Tot Ion:244 Resp: 1705421

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	8.1	6.6	10.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3761
 Delta R.T. -0.02 min
 Lab File: BG040616.D
 Acq: 25 Apr 2019 18:38

Tgt Ion:264 Resp: 407834

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.9	16.6	25.0

