

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
 Data File : BG041064.D
 Acq On : 4 Jun 2019 18:52
 Operator : HP/JU
 Sample : K3023-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-0523-S-TCLP-11

Quant Time: Jun 05 05:44:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	94145	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	351214	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	235318	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	597297	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	629012	20.00	ng	-0.02
87) Perylene-d12	25.10	264	687554	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	323761	62.01	ng	0.00
7) Phenol-d6	7.26	99	428610	53.16	ng	0.00
23) Nitrobenzene-d5	9.29	82	363765	45.98	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	246062	70.44	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	772987	47.31	ng	-0.02
79) Terphenyl-d14	20.08	244	1402161	47.31	ng	-0.02

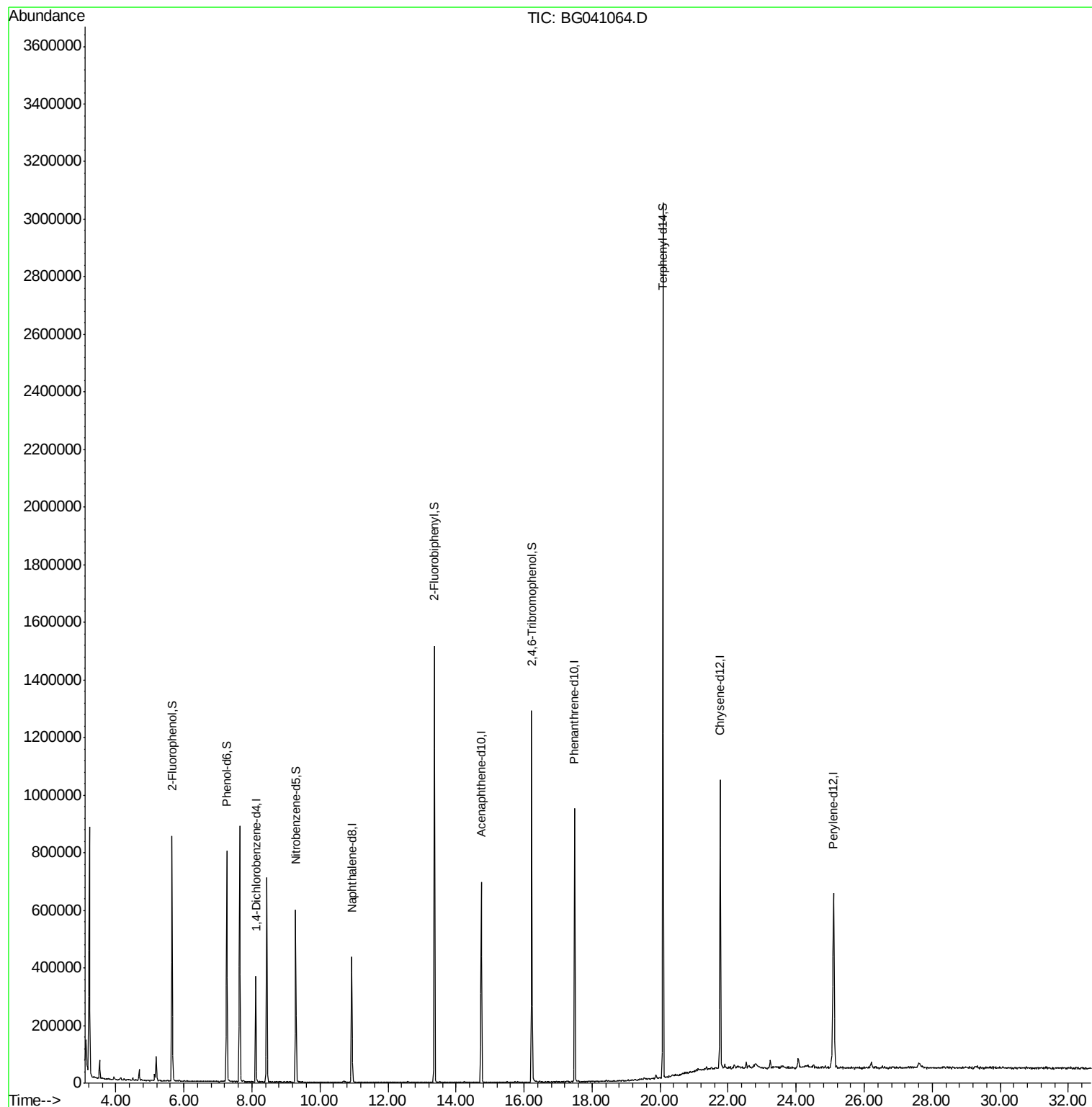
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
Data File : BG041064.D
Acq On : 4 Jun 2019 18:52
Operator : HP/JU
Sample : K3023-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSSI-0523-S-TCLP-11

Quant Time: Jun 05 05:44:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



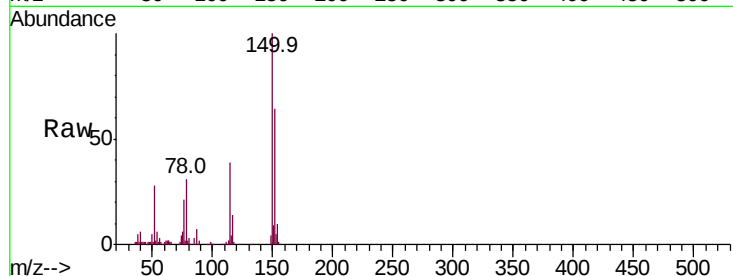


#1

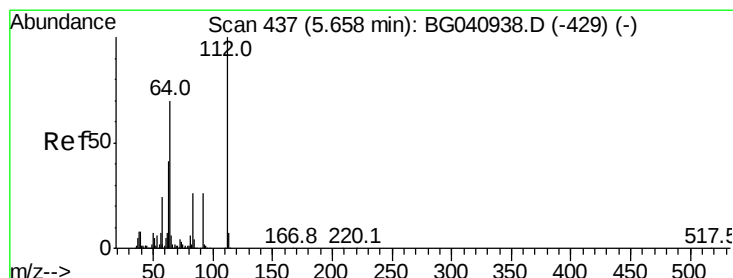
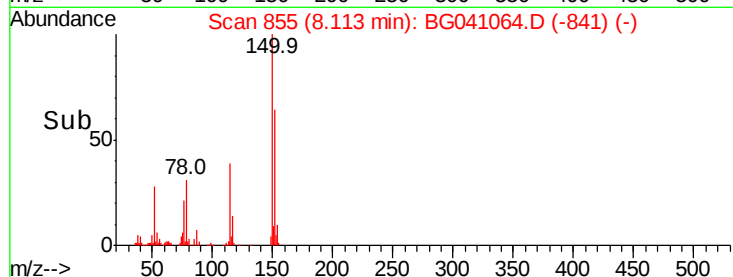
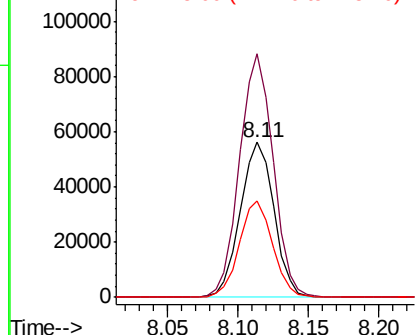
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041064.D
Acq: 4 Jun 2019 18:52

Instrument :
BNA_G
ClientSampleId :
SSSI-0523-S-TCLP-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	120.6	180.8
115	62.0	45.1	67.7



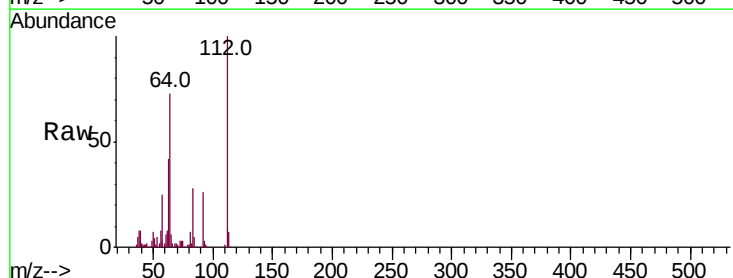
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



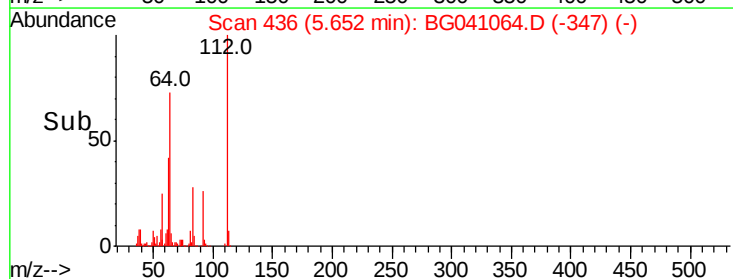
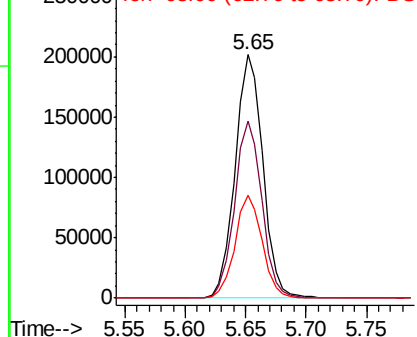
#5

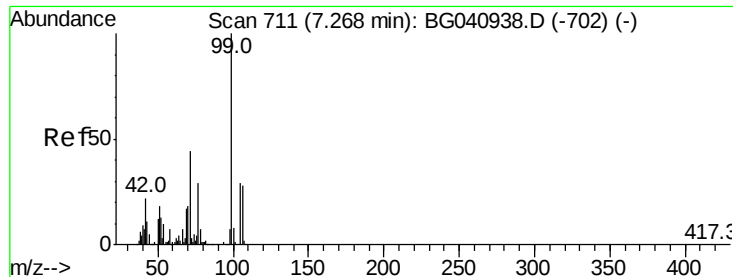
2-Fluorophenol
Concen: 62.012 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG041064.D
Acq: 4 Jun 2019 18:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.0	56.2	84.2
63	42.2	32.8	49.2



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: 53.156 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041064.D

Acq: 4 Jun 2019 18:52

Instrument :

BNA_G

ClientSampleId :

SSSI-0523-S-TCLP-11

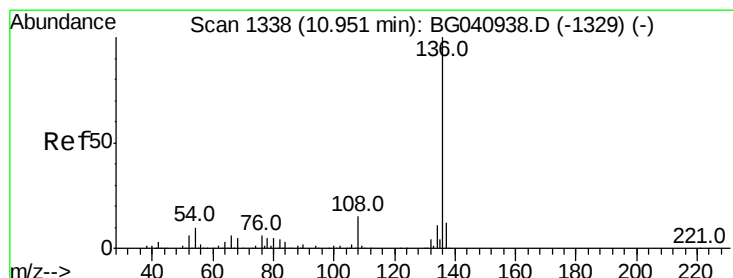
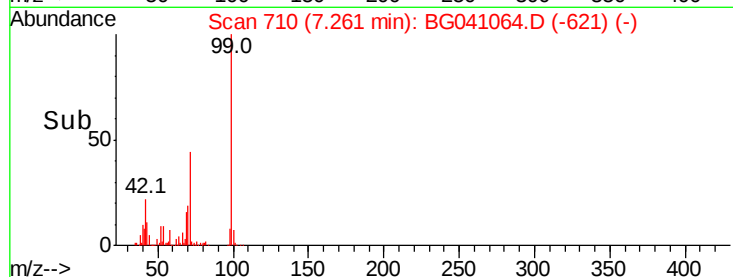
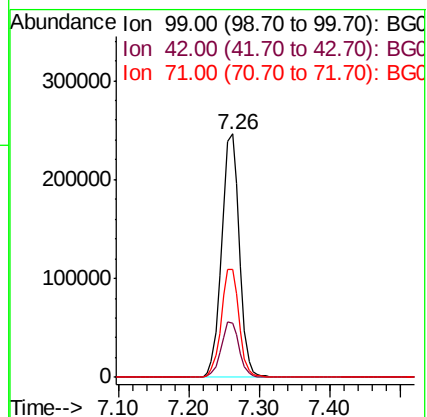
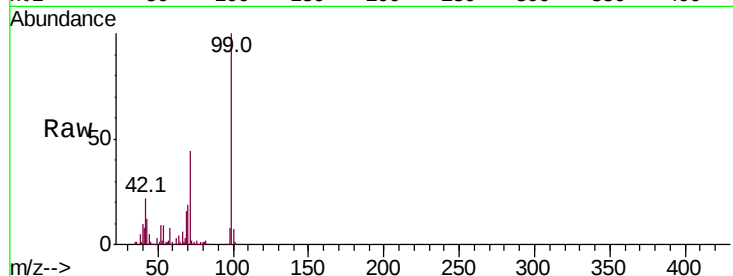
Tot Ion: 99 Resp: 428610

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

71 44.2 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BG041064.D

Acq: 4 Jun 2019 18:52

Tgt Ion: 136 Resp: 351214

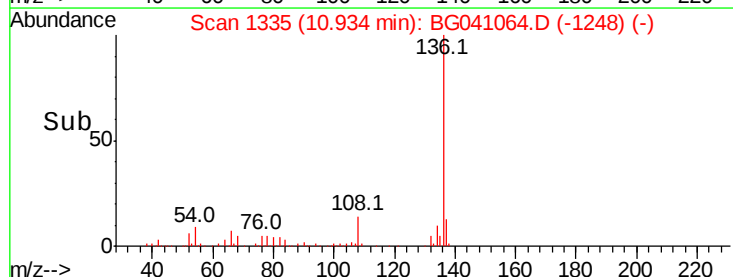
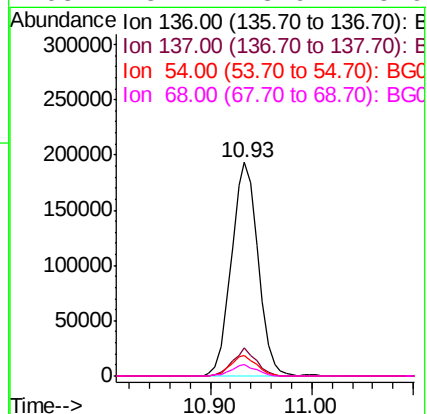
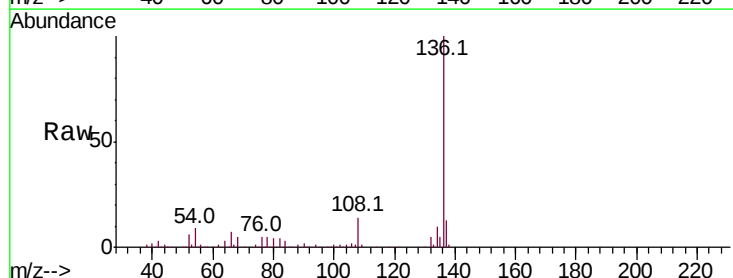
Ion Ratio Lower Upper

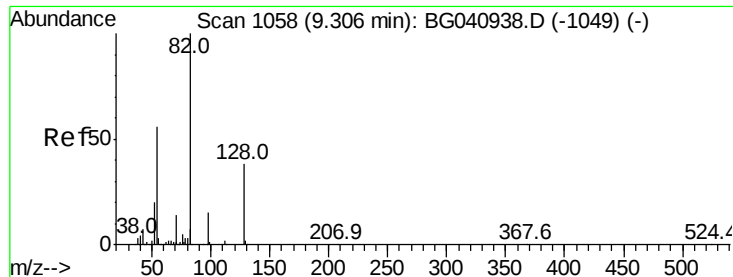
136 100

137 13.1 9.5 14.3

54 9.3 7.6 11.4

68 5.2 3.9 5.9

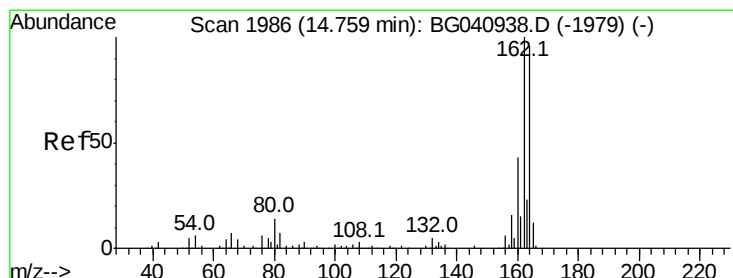
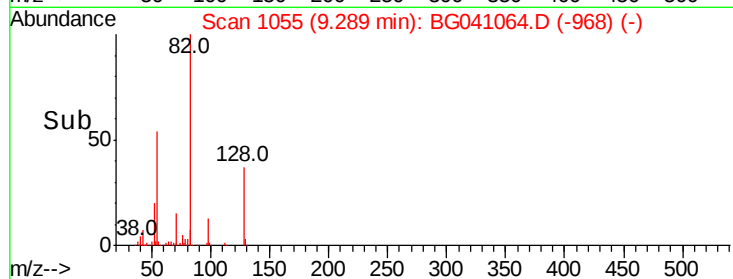
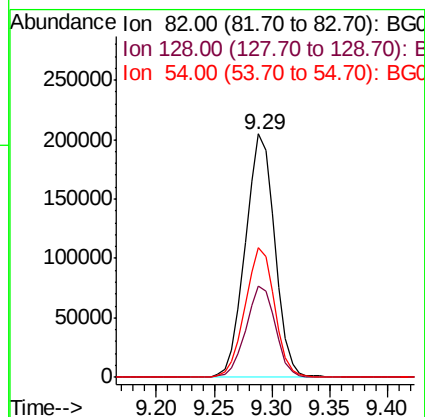
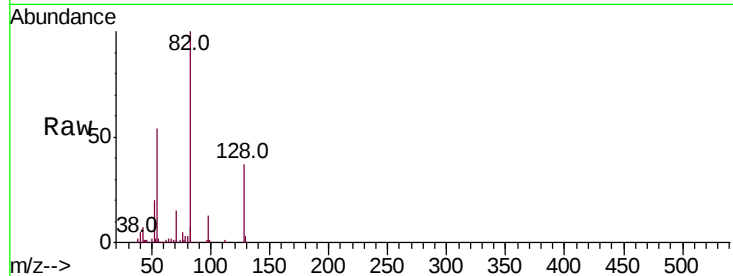




#23
 Nitrobenzene-d5
 Concen: 45.980 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BG041064.D
 Acq: 4 Jun 2019 18:52

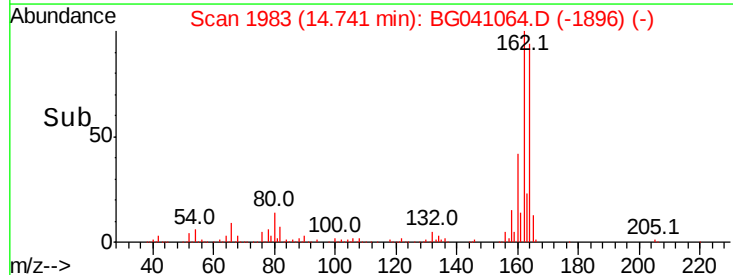
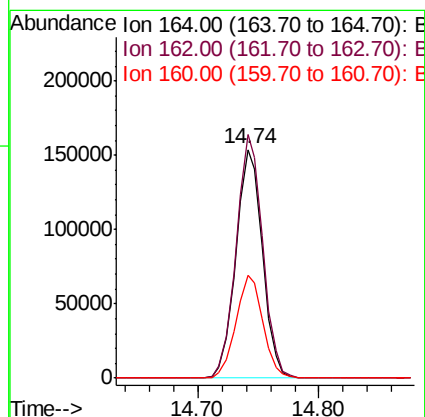
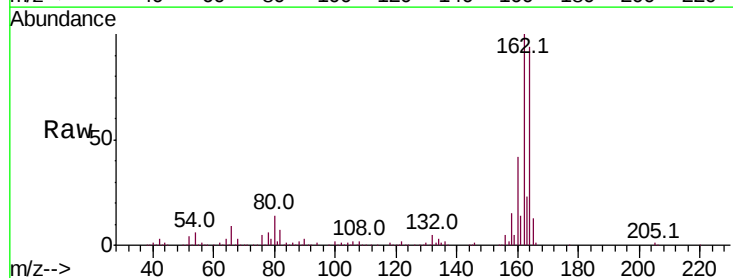
Instrument :
 BNA_G
 ClientSampleId :
 SSSI-0523-S-TCLP-11

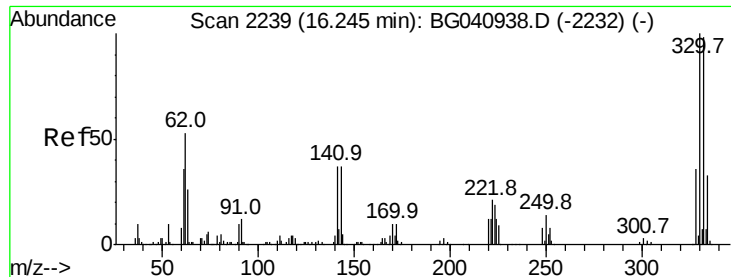
Tot Ion	82	Resp	363765
Ion Ratio	100	Lower	Upper
128	37.3	30.5	45.7
54	53.5	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.02 min
 Lab File: BG041064.D
 Acq: 4 Jun 2019 18:52

Tgt Ion	164	Resp	235318
Ion Ratio	100	Lower	Upper
162	106.4	83.0	124.4
160	44.9	35.6	53.4

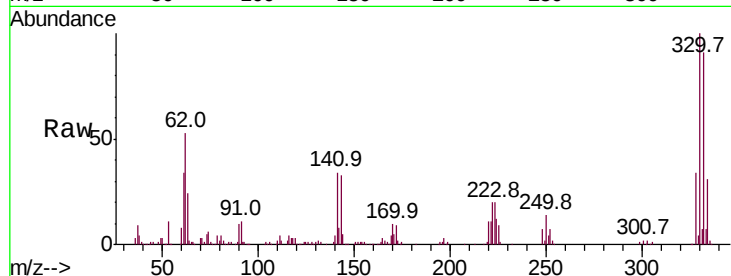




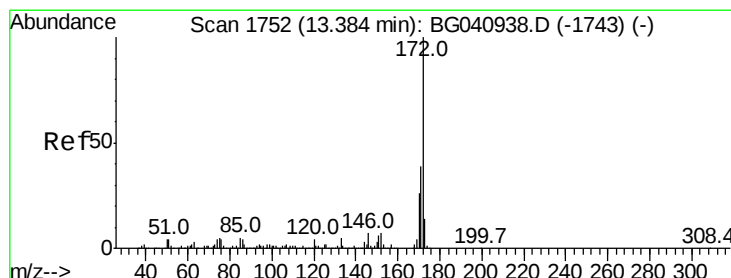
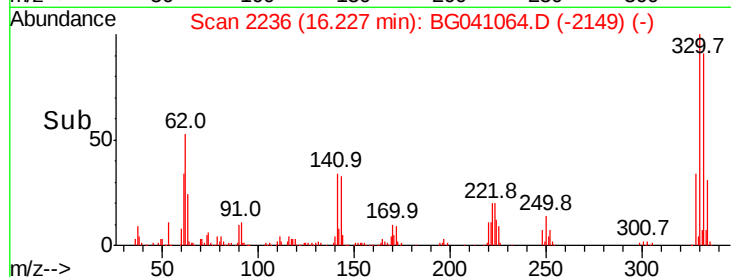
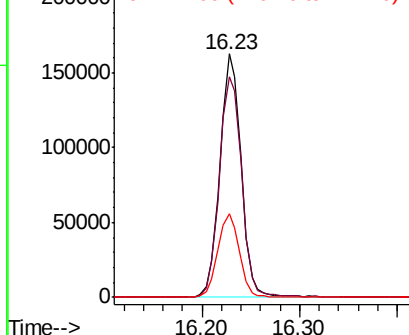
#42
 2,4,6-Tribromophenol
 Concen: 70.435 ng
 RT: 16.23 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BG041064.D
 Acq: 4 Jun 2019 18:52

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-0523-S-TCLP-11

Tot Ion:330 Resp: 246062
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.5 117.7
 141 34.9 28.7 43.1

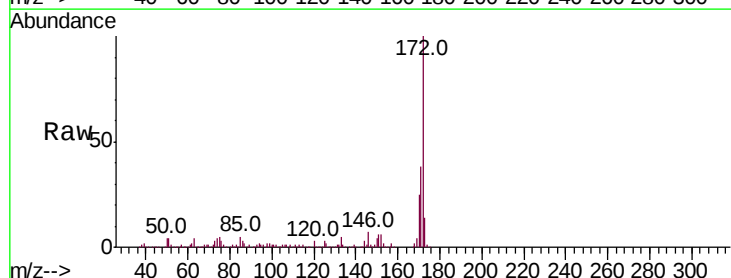


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

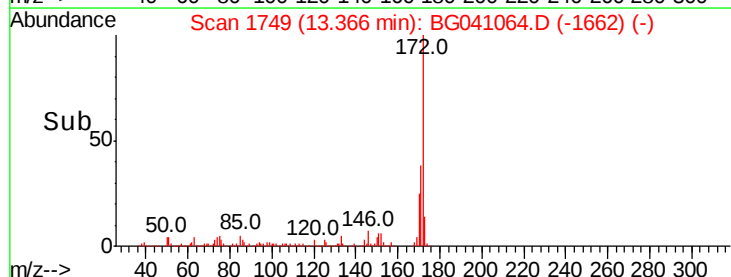
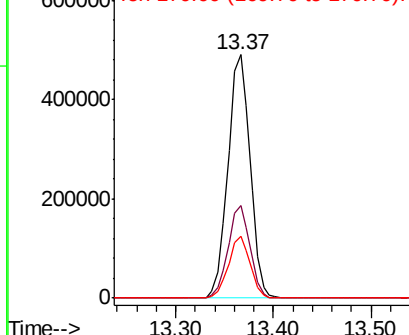


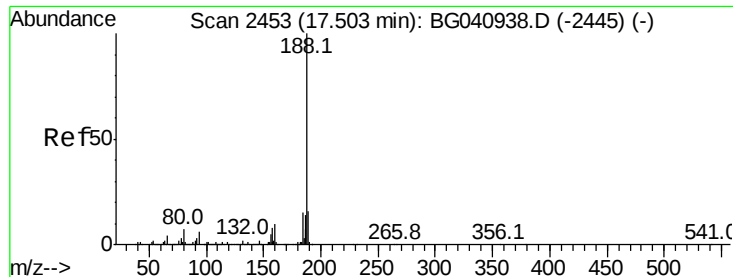
#45
 2-Fluorobiphenyl
 Concen: 47.306 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG041064.D
 Acq: 4 Jun 2019 18:52

Tgt Ion:172 Resp: 772987
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.1 46.7
 170 25.4 20.5 30.7



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: 17.48 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041064.D

Acq: 4 Jun 2019 18:52

Instrument :

BNA_G

ClientSampleId :

SSSI-0523-S-TCLP-11

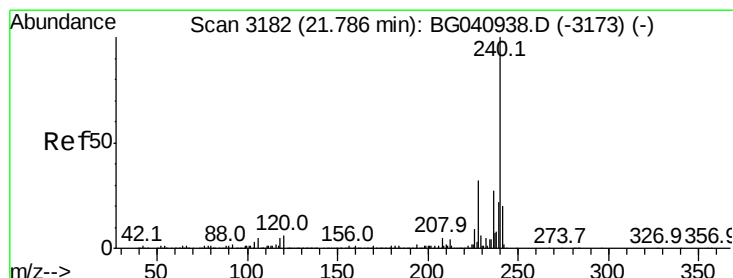
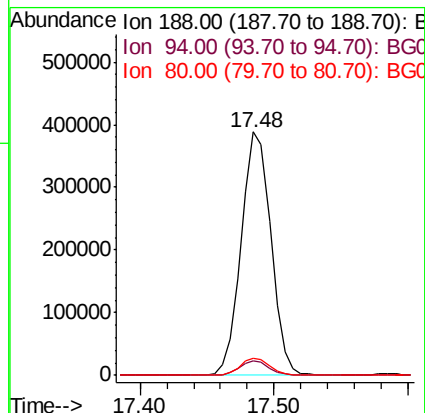
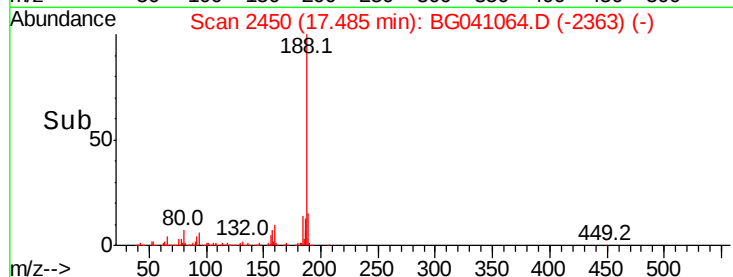
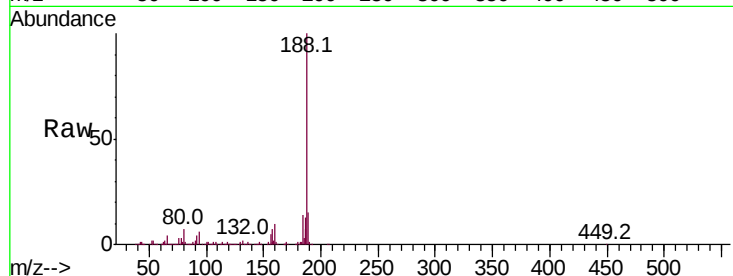
Tot Ion:188 Resp: 597297

Ion Ratio Lower Upper

188 100

94 5.9 4.7 7.1

80 7.0 5.8 8.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.02 min

Lab File: BG041064.D

Acq: 4 Jun 2019 18:52

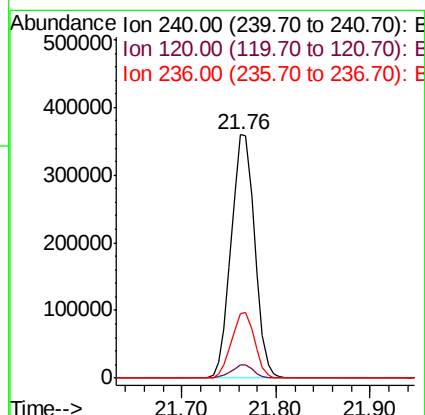
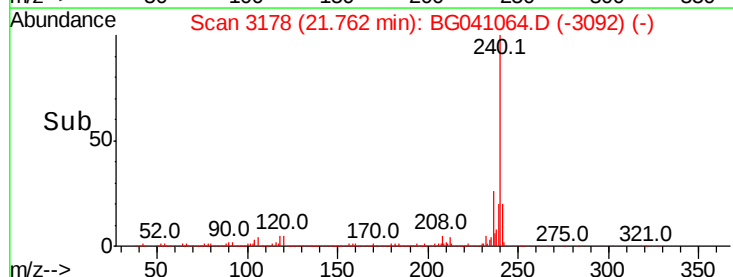
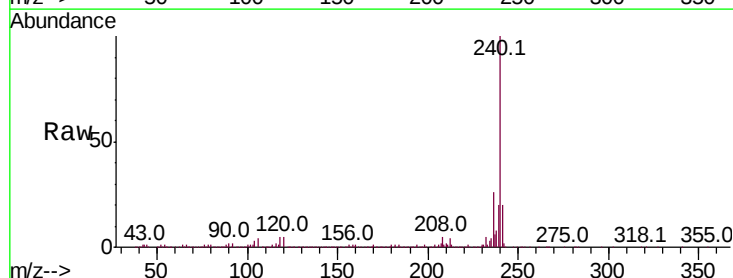
Tgt Ion:240 Resp: 629012

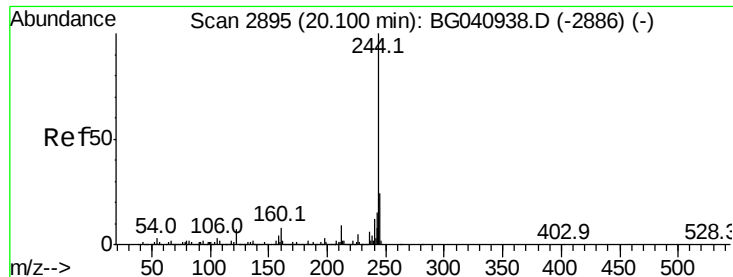
Ion Ratio Lower Upper

240 100

120 5.2 4.5 6.7

236 26.4 21.3 31.9





#79

Terphenyl-d14

Concen: 47.310 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041064.D

Acq: 4 Jun 2019 18:52

Instrument :

BNA_G

ClientSampleId :

SSSI-0523-S-TCLP-11

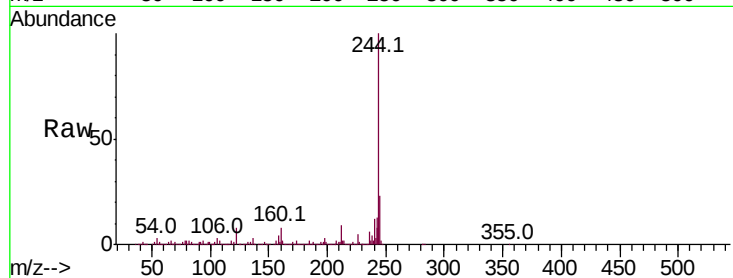
Tot Ion:244 Resp: 1402161

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

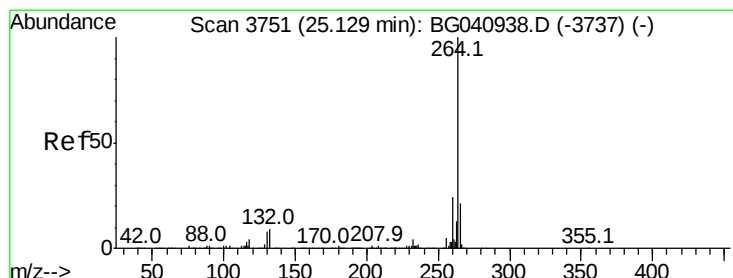
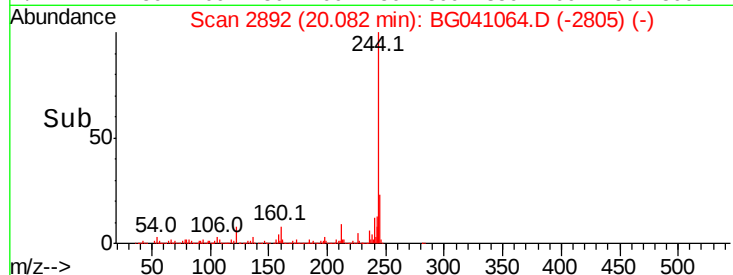
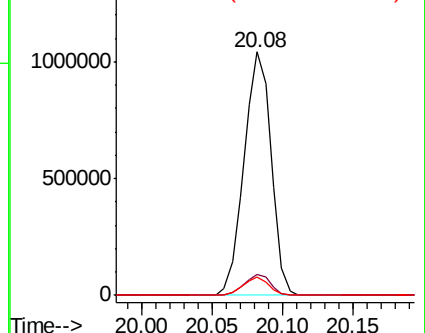
122 7.5 5.4 8.0



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: 25.10 min Scan# 3746

Delta R.T. -0.03 min

Lab File: BG041064.D

Acq: 4 Jun 2019 18:52

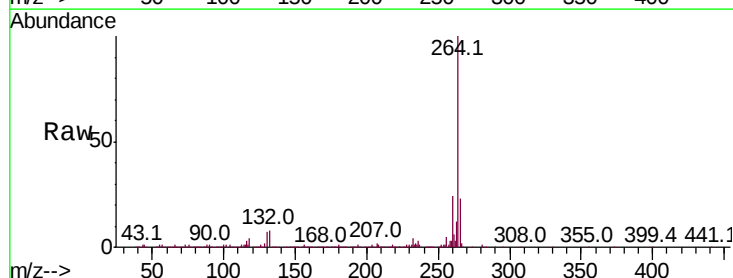
Tgt Ion:264 Resp: 687554

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 23.2 17.0 25.4



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

