

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041141.D
 Acq On : 8 Jun 2019 19:57
 Operator : HP/JU
 Sample : K3246-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-047

Quant Time: Jun 10 04:24:02 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

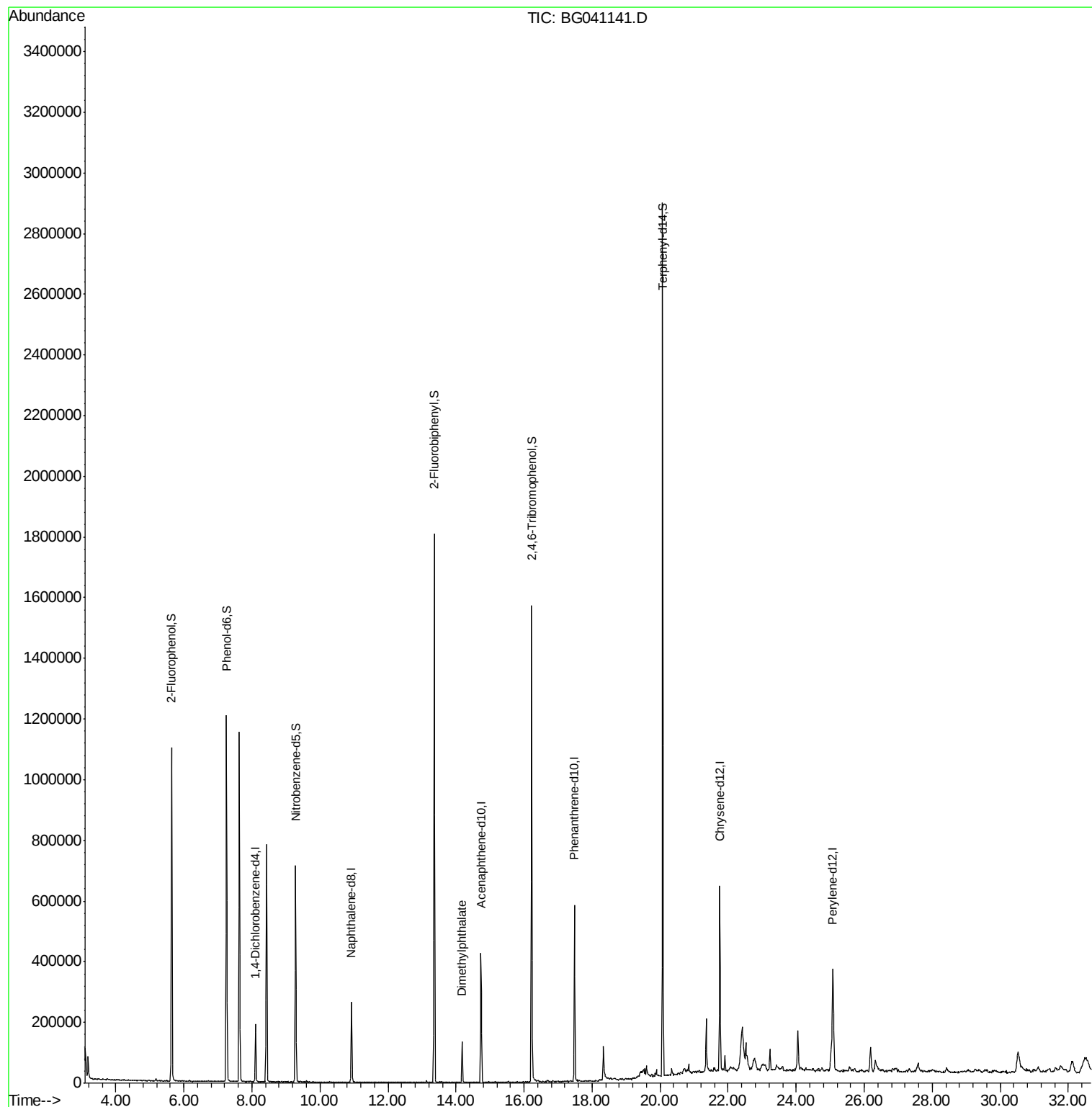
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51439	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	214862	20.00	ng	-0.03
39) Acenaphthene-d10	14.73	164	154811	20.00	ng	-0.03
64) Phenanthrene-d10	17.48	188	364835	20.00	ng	-0.03
76) Chrysene-d12	21.75	240	364039	20.00	ng	-0.03
87) Perylene-d12	25.07	264	383200	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	425774	149.26	ng	-0.02
7) Phenol-d6	7.25	99	641189	145.54	ng	-0.01
23) Nitrobenzene-d5	9.28	82	435499	89.98	ng	-0.03
42) 2,4,6-Tribromophenol	16.23	330	300662	130.82	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	909571	84.61	ng	-0.03
79) Terphenyl-d14	20.07	244	1321039	77.02	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.18	163	85894	6.554	ng	Qvalue 99

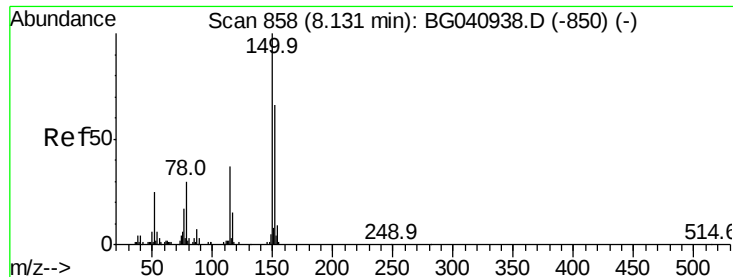
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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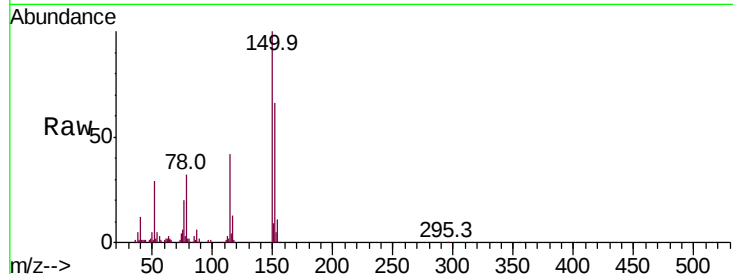


#1

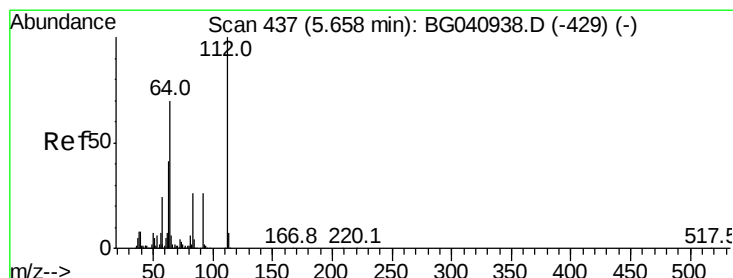
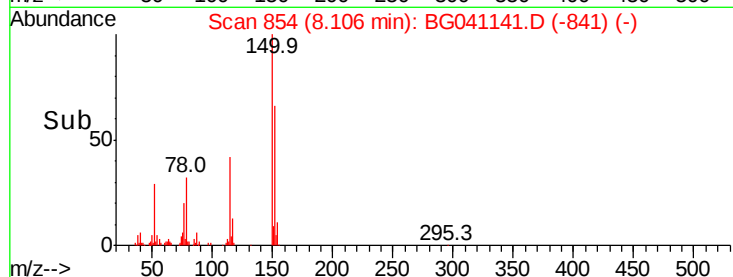
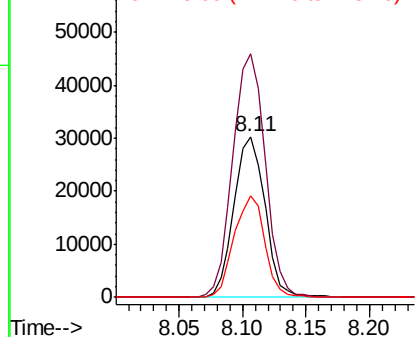
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.03 min
Lab File: BG041141.D
Acq: 8 Jun 2019 19:57

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047

Tot Ion:152 Resp: 51439
Ion Ratio Lower Upper
152 100
150 151.7 120.6 180.8
115 63.5 45.1 67.7



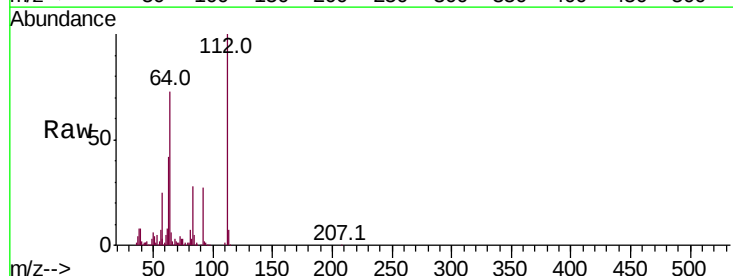
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



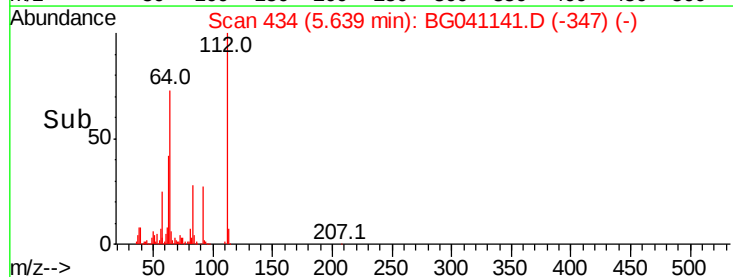
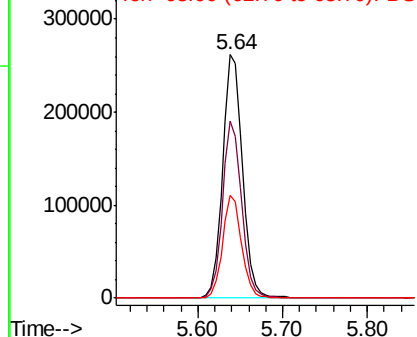
#5

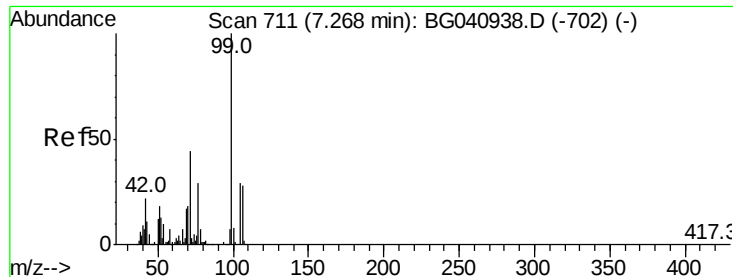
2-Fluorophenol
Concen: 149.256 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG041141.D
Acq: 8 Jun 2019 19:57

Tgt Ion:112 Resp: 425774
Ion Ratio Lower Upper
112 100
64 72.7 56.2 84.2
63 42.1 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: 145.540 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041141.D

Acq: 8 Jun 2019 19:57

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047

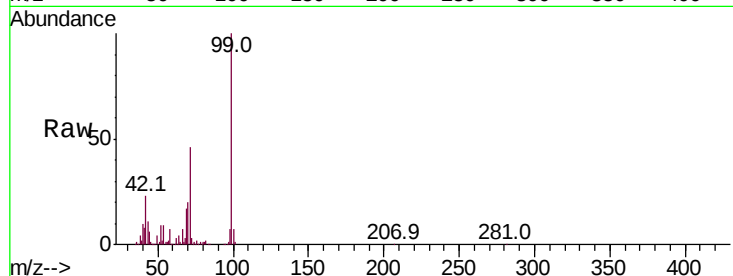
Tot Ion: 99 Resp: 641189

Ion Ratio Lower Upper

99 100

42 23.4 17.9 26.9

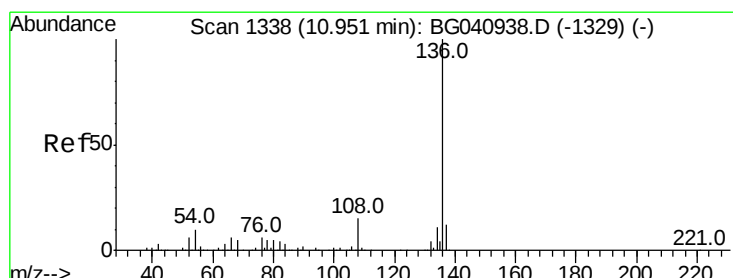
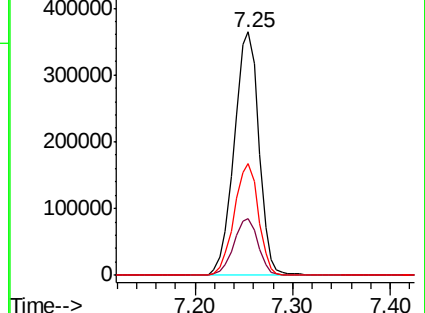
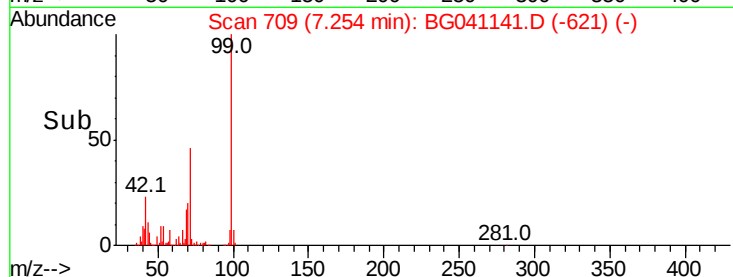
71 45.7 35.4 53.0



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: 10.93 min Scan# 1334

Delta R.T. -0.03 min

Lab File: BG041141.D

Acq: 8 Jun 2019 19:57

Tgt Ion: 136 Resp: 214862

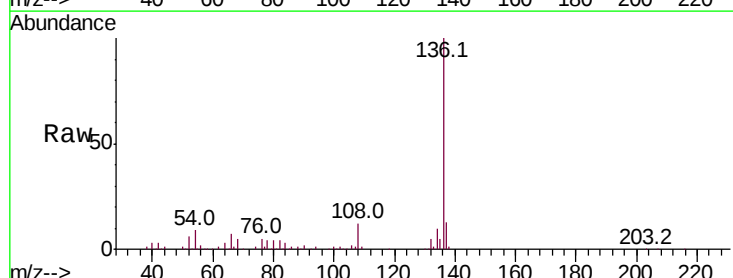
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 8.9 7.6 11.4

68 5.4 3.9 5.9

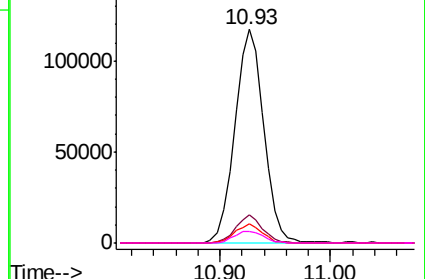
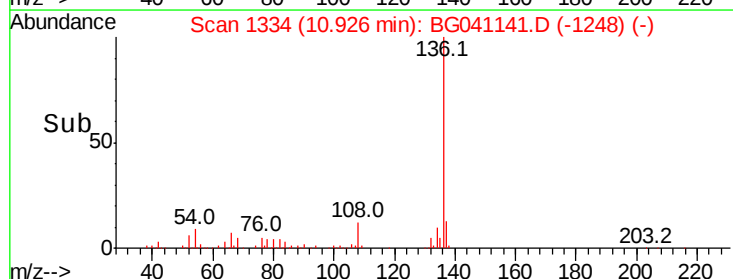


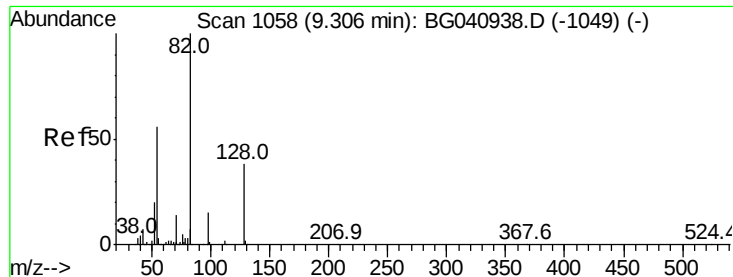
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

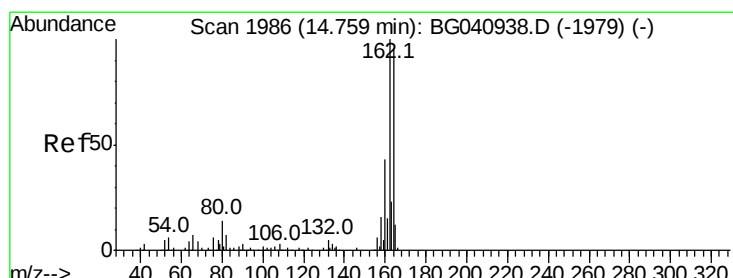
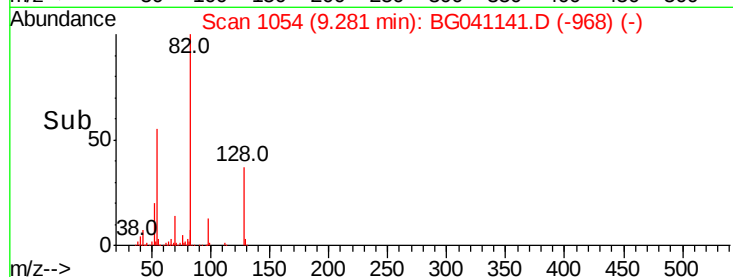
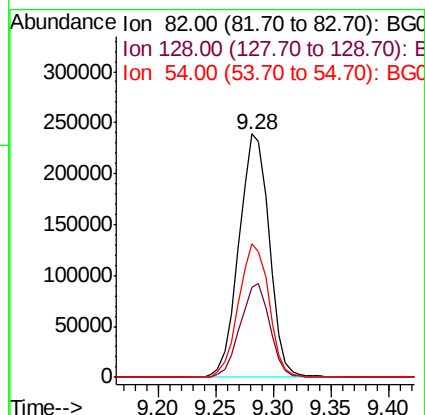
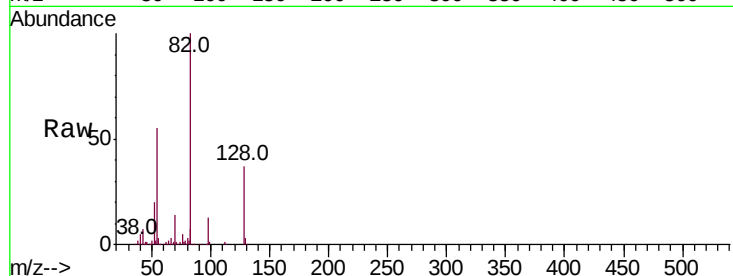




#23
Nitrobenzene-d5
Concen: 89.980 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BG041141.D
Acq: 8 Jun 2019 19:57

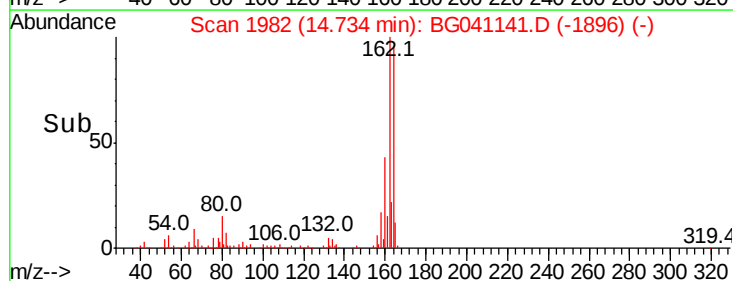
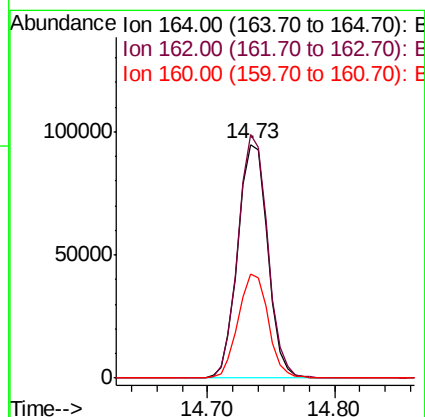
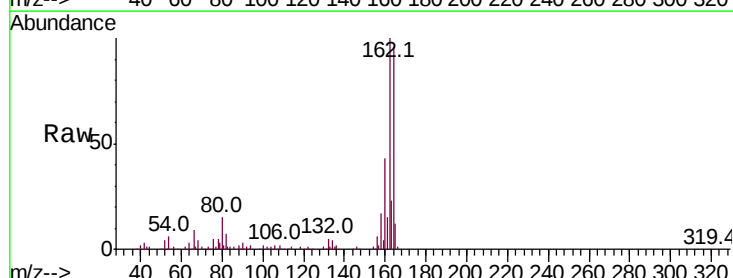
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047

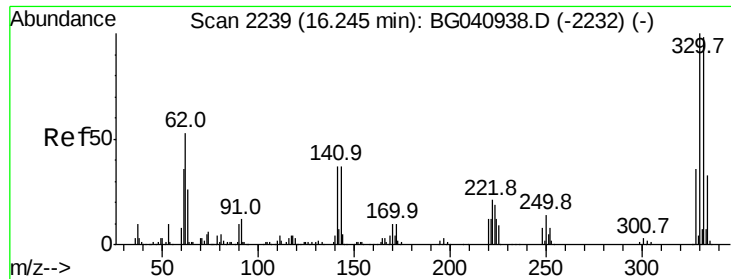
Tot Ion	82	Resp	435499
Ion Ratio	100	Lower	Upper
128	36.8	30.5	45.7
54	54.8	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BG041141.D
Acq: 8 Jun 2019 19:57

Tgt Ion	164	Resp	154811
Ion Ratio	100	Lower	Upper
162	104.1	83.0	124.4
160	44.7	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 130.821 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG041141.D

Acq: 8 Jun 2019 19:57

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047

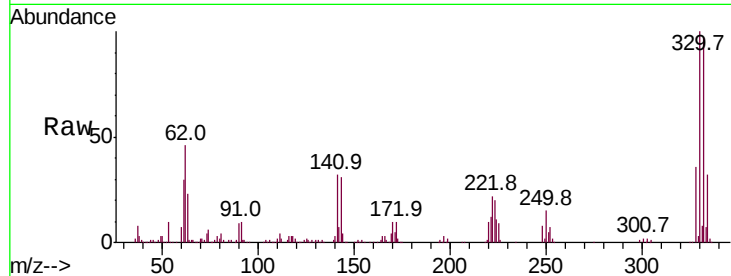
Tot Ion:330 Resp: 300662

Ion Ratio Lower Upper

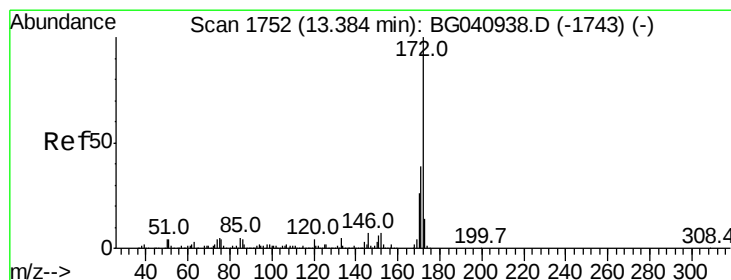
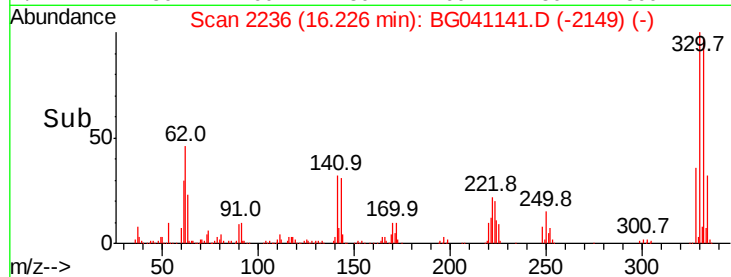
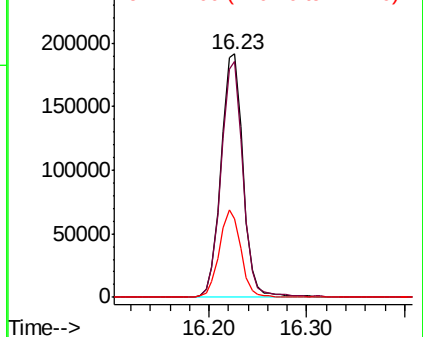
330 100

332 95.7 78.5 117.7

141 35.0 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: 84.612 ng

RT: 13.36 min Scan# 1748

Delta R.T. -0.03 min

Lab File: BG041141.D

Acq: 8 Jun 2019 19:57

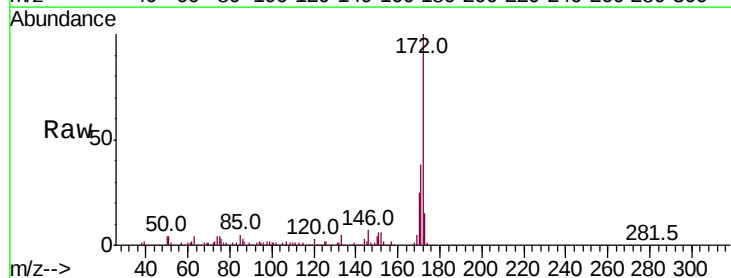
Tgt Ion:172 Resp: 909571

Ion Ratio Lower Upper

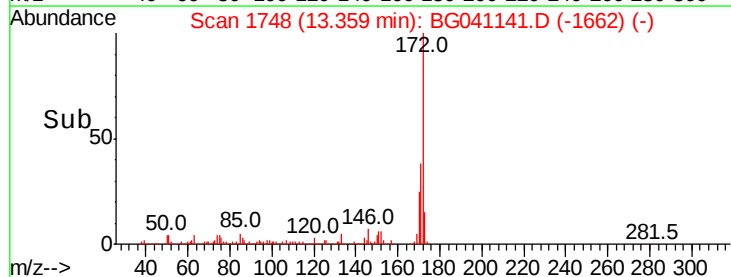
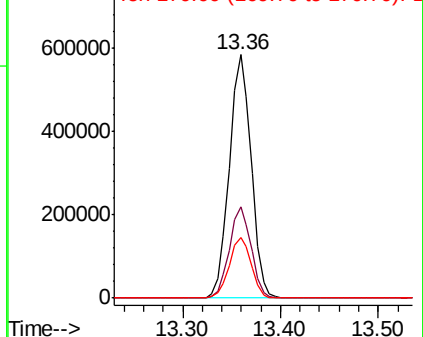
172 100

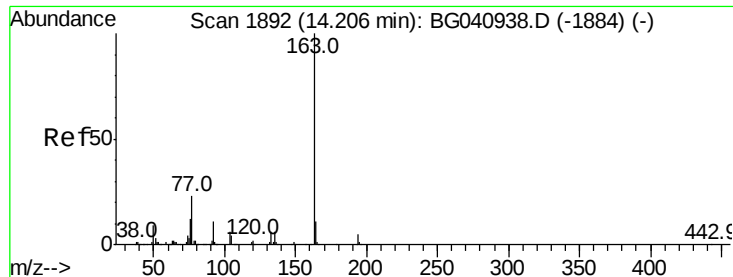
171 37.7 31.1 46.7

170 25.0 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





#50

Dimethylphthalate

Concen: 6.554 ng

RT: 14.18 min Scan# 1887

Delta R.T. -0.03 min

Lab File: BG041141.D

Acq: 8 Jun 2019 19:57

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047

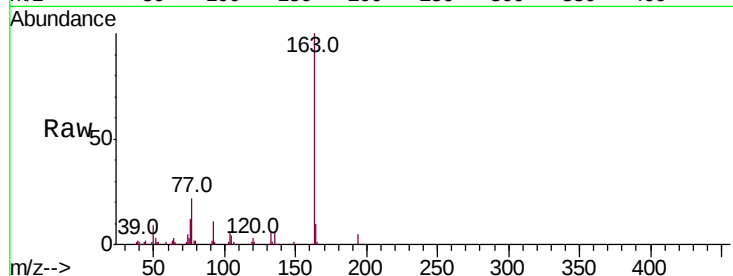
Tot Ion:163 Resp: 85894

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

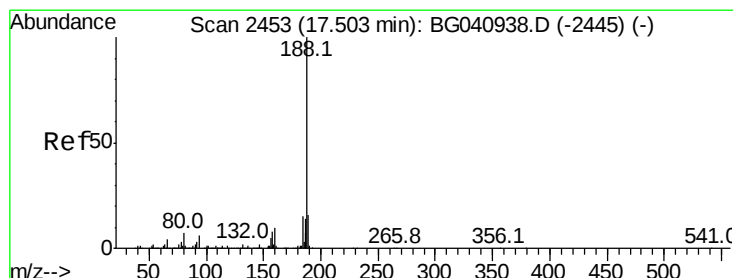
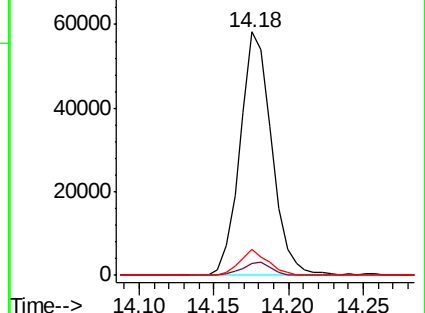
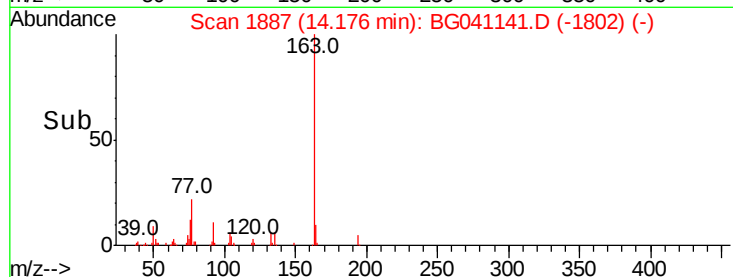
164 10.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.03 min

Lab File: BG041141.D

Acq: 8 Jun 2019 19:57

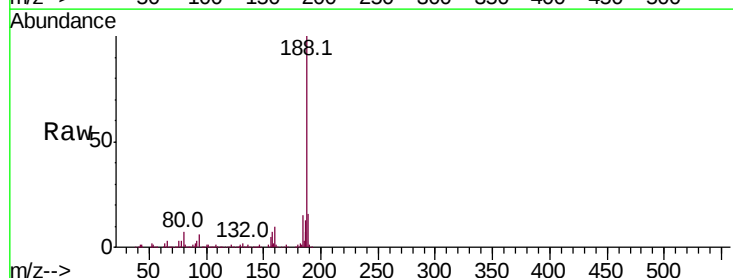
Tgt Ion:188 Resp: 364835

Ion Ratio Lower Upper

188 100

94 5.7 4.7 7.1

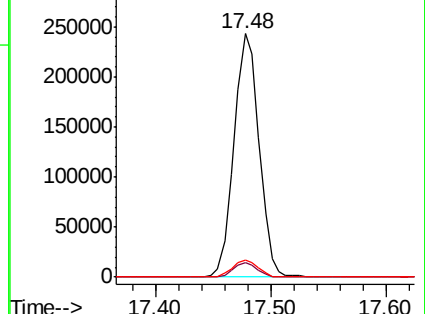
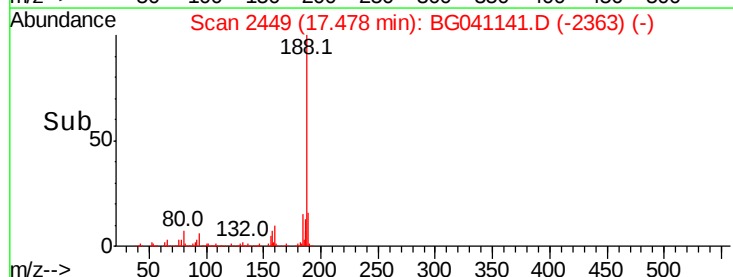
80 7.3 5.8 8.8

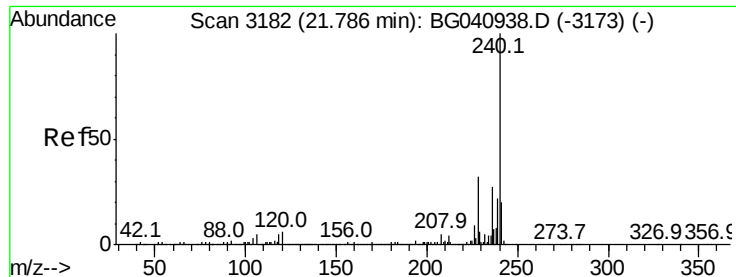


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.03 min

Lab File: BG041141.D

Acq: 8 Jun 2019 19:57

Instrument :

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ClientSampleId :

FK-PS-01-047

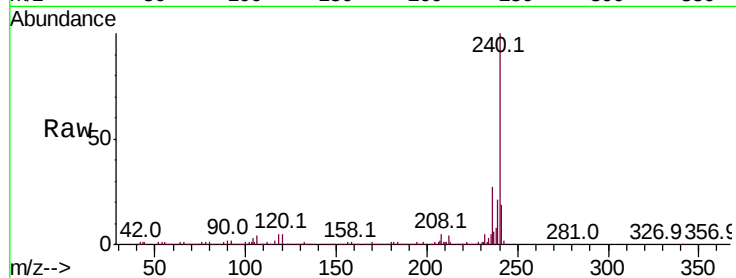
Tot Ion:240 Resp: 364039

Ion Ratio Lower Upper

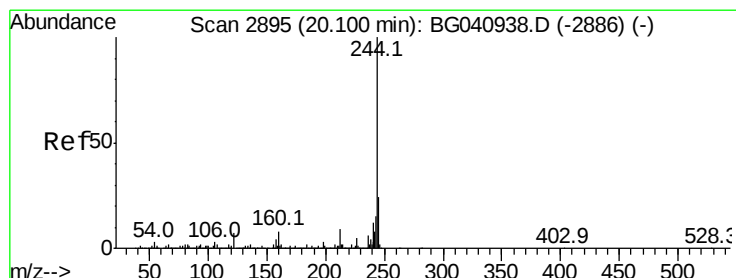
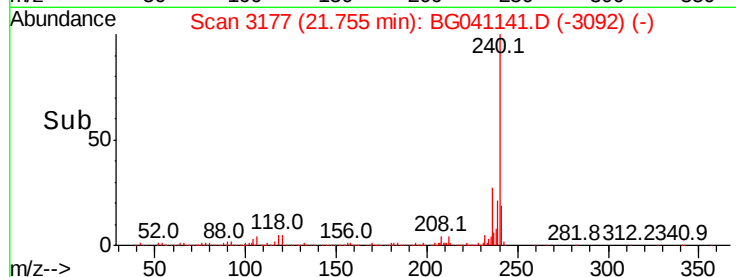
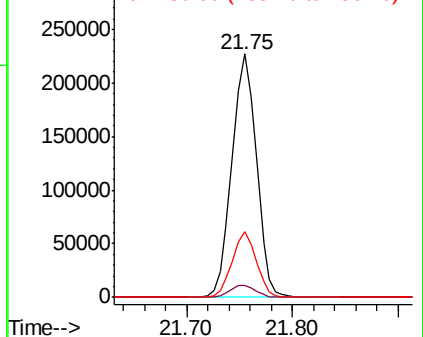
240 100

120 5.1 4.5 6.7

236 26.7 21.3 31.9



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: 77.016 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.03 min

Lab File: BG041141.D

Acq: 8 Jun 2019 19:57

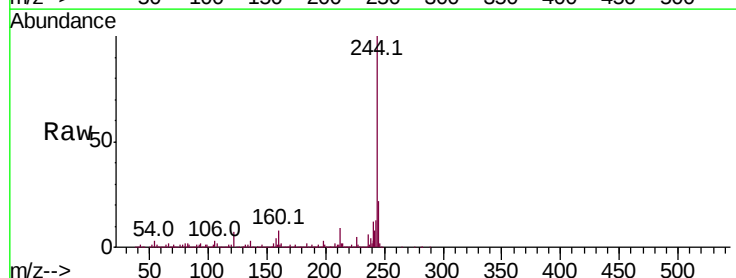
Tgt Ion:244 Resp: 1321039

Ion Ratio Lower Upper

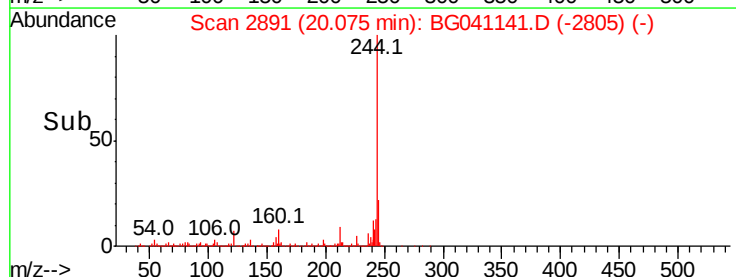
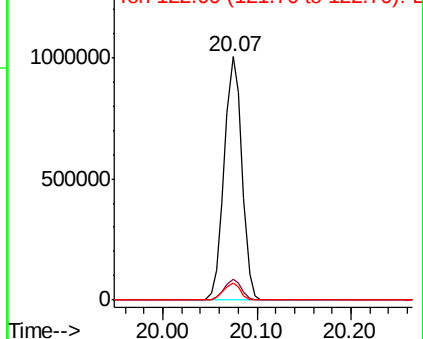
244 100

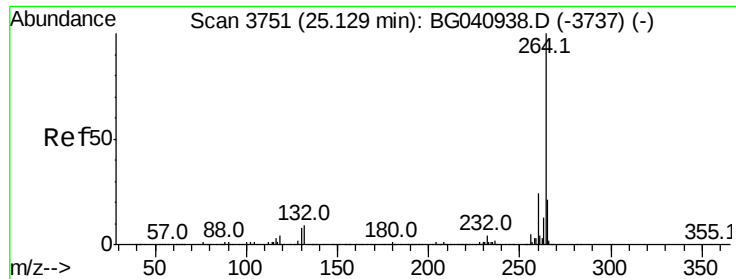
212 8.6 7.0 10.4

122 7.2 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3742
 Delta R.T. -0.05 min
 Lab File: BG041141.D
 Acq: 8 Jun 2019 19:57

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-047

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.4
265	22.8	17.0	25.4

