

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039642.D
 Acq On : 27 Feb 2019 19:56
 Operator : JU/SJ
 Sample : K1348-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519

Quant Time: Feb 28 01:28:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	52972	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	216030	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	146903	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	375224	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	394450	20.00	ng	-0.03
87) Perylene-d12	25.20	264	391662	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	437022	141.20	ng	0.00
7) Phenol-d6	7.31	99	573791	125.95	ng	0.00
23) Nitrobenzene-d5	9.35	82	403575	116.71	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	256755	162.31	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	943339	92.12	ng	-0.03
79) Terphenyl-d14	20.13	244	1651884	88.64	ng	-0.03

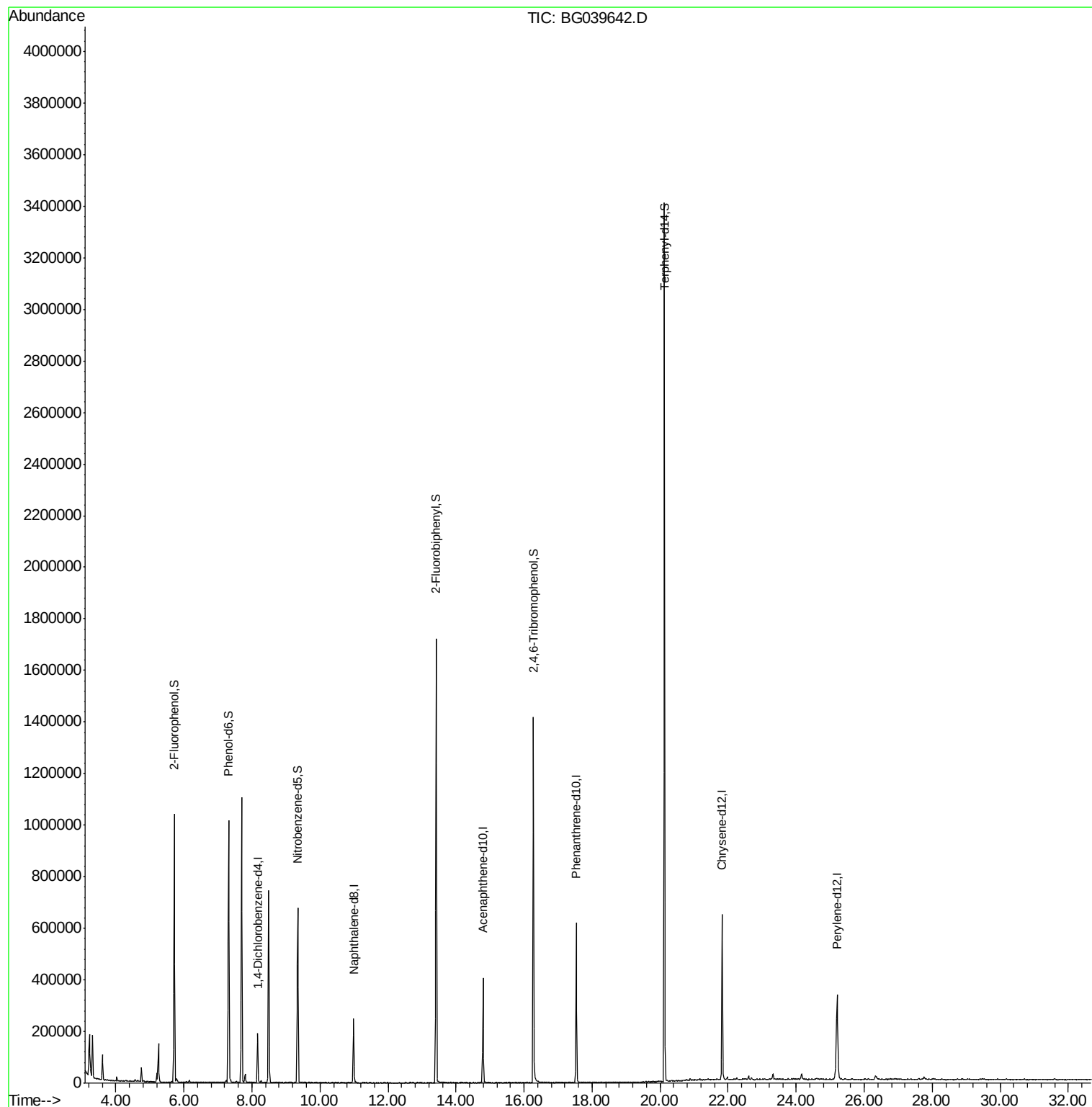
Target Compounds Qvalue

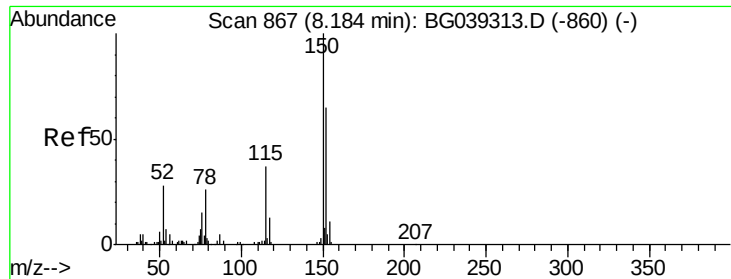
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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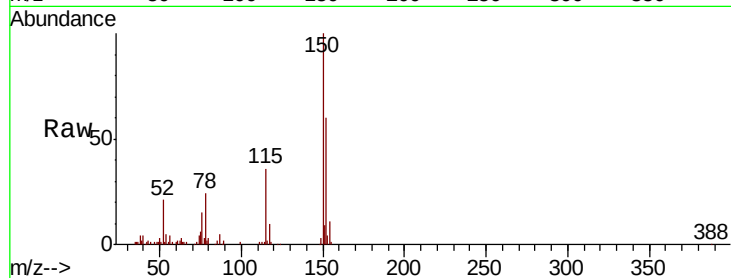


#1

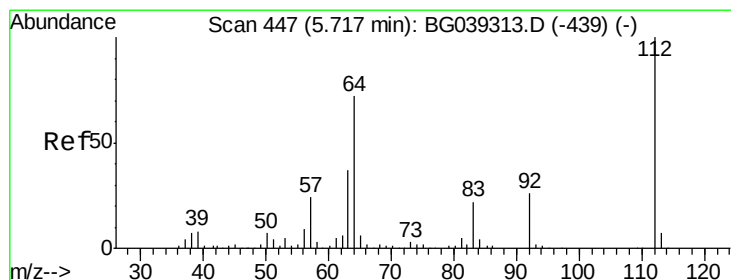
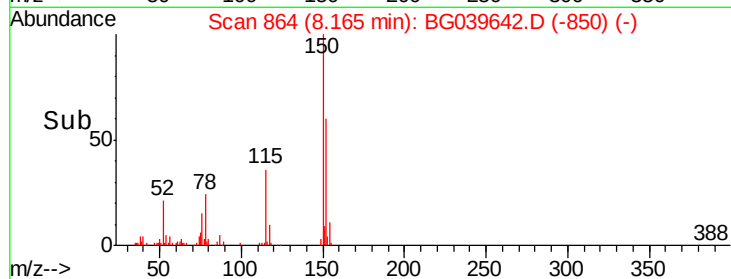
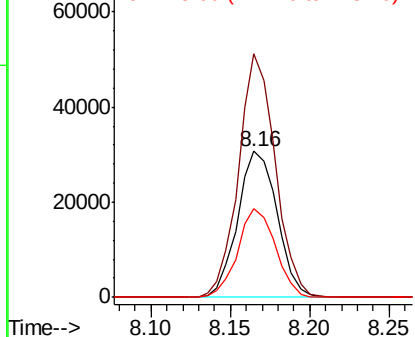
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039642.D
Acq: 27 Feb 2019 19:56

Instrument :
BNA_G
ClientSampleId :
OK-02-022519

Tot Ion:152 Resp: 52972
Ion Ratio Lower Upper
152 100
150 167.1 123.7 185.5
115 60.6 45.9 68.9



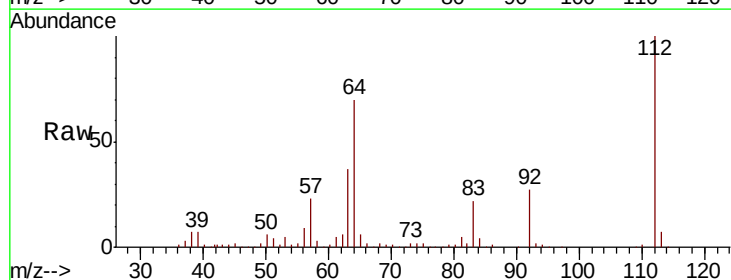
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



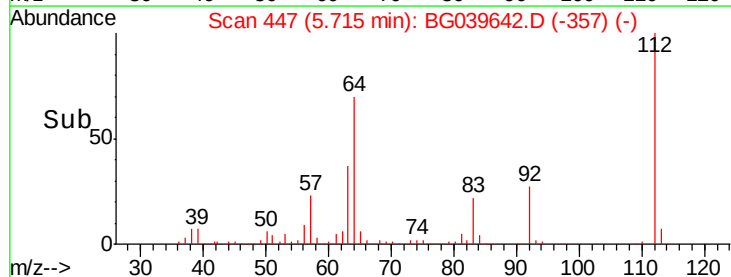
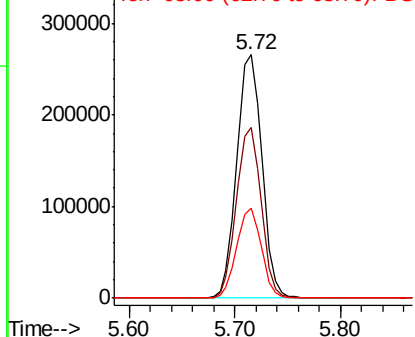
#5

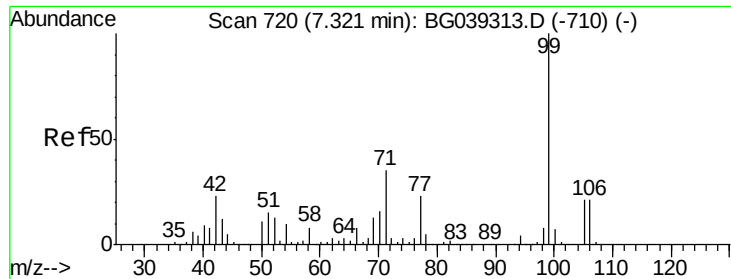
2-Fluorophenol
Concen: 141.200 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039642.D
Acq: 27 Feb 2019 19:56

Tgt Ion:112 Resp: 437022
Ion Ratio Lower Upper
112 100
64 70.1 57.8 86.8
63 36.9 29.8 44.6



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: 125.947 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039642.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_G

ClientSampleId :

OK-02-022519

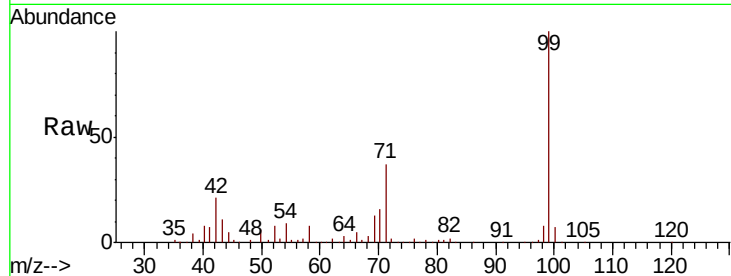
Tot Ion: 99 Resp: 573791

Ion Ratio Lower Upper

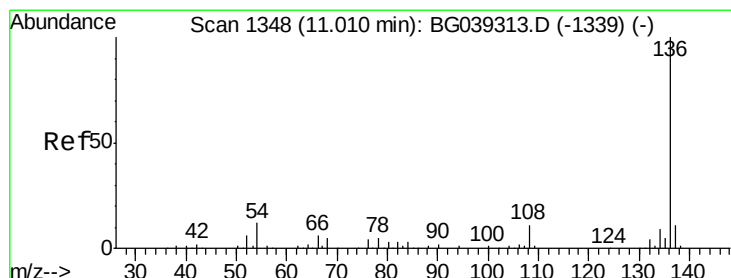
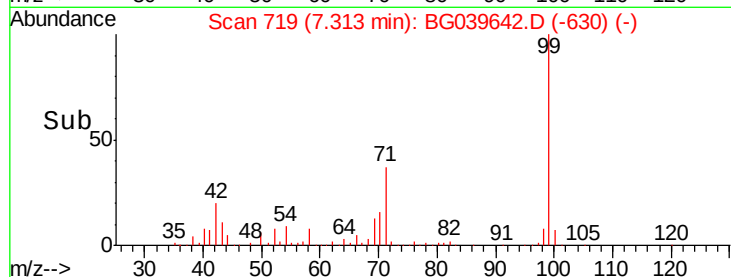
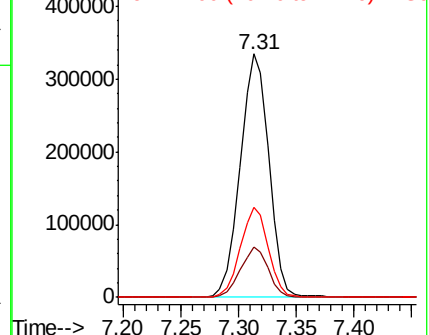
99 100

42 20.5 18.2 27.2

71 36.8 28.0 42.0



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: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039642.D

Acq: 27 Feb 2019 19:56

Tgt Ion: 136 Resp: 216030

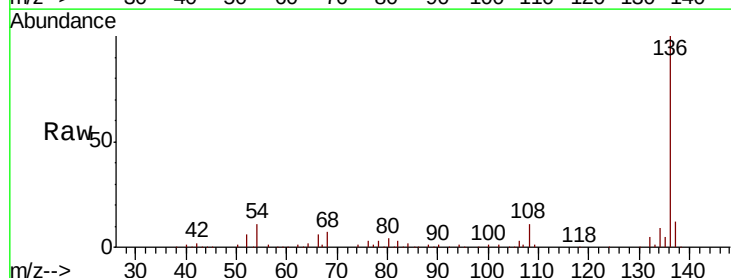
Ion Ratio Lower Upper

136 100

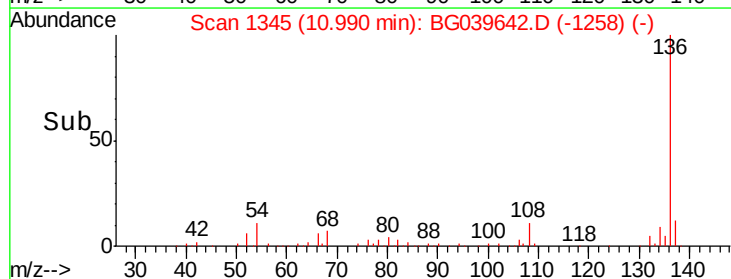
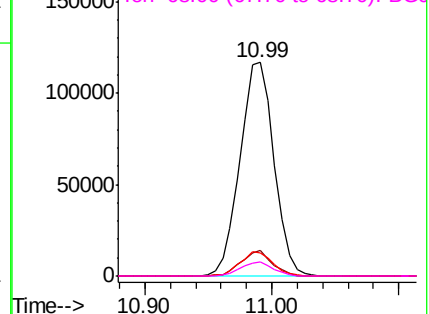
137 11.8 9.1 13.7

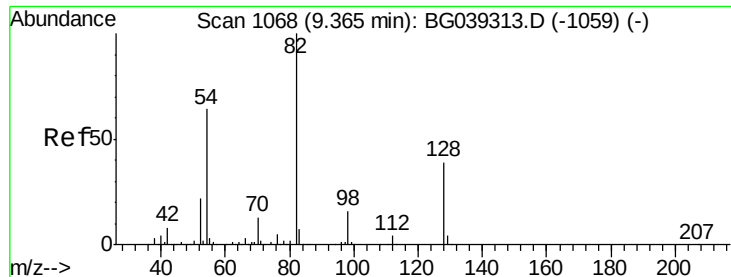
54 10.9 9.4 14.2

68 6.7 4.2 6.4#



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

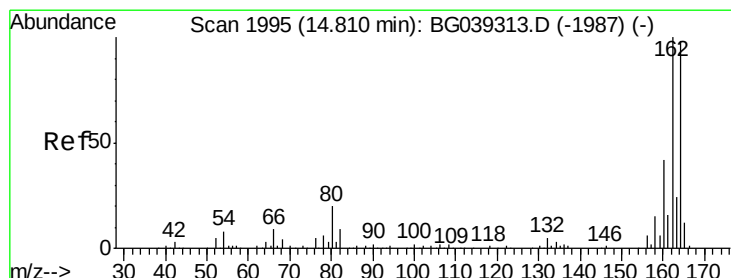
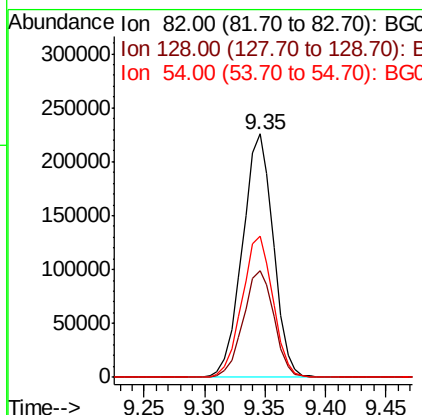
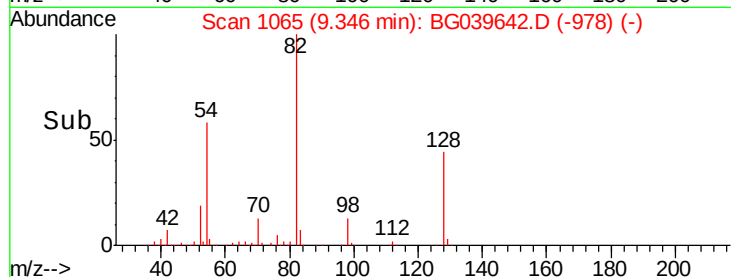
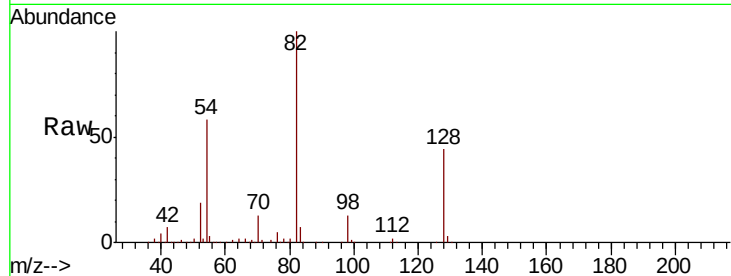




#23
Nitrobenzene-d5
Concen: 116.706 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039642.D
Acq: 27 Feb 2019 19:56

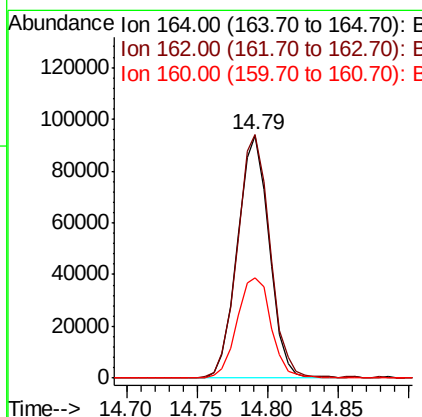
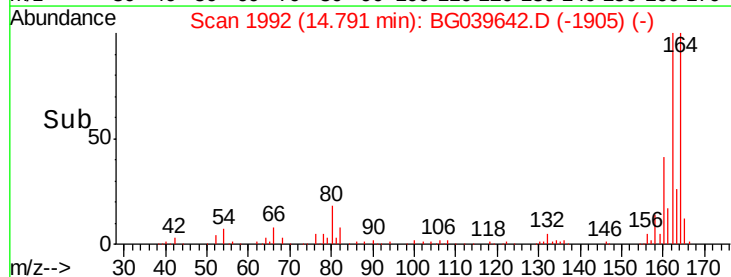
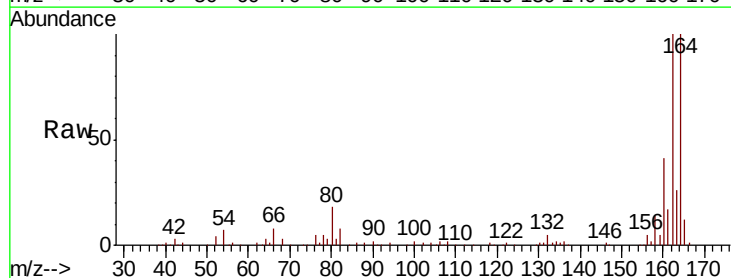
Instrument :
BNA_G
ClientSampleId :
OK-02-022519

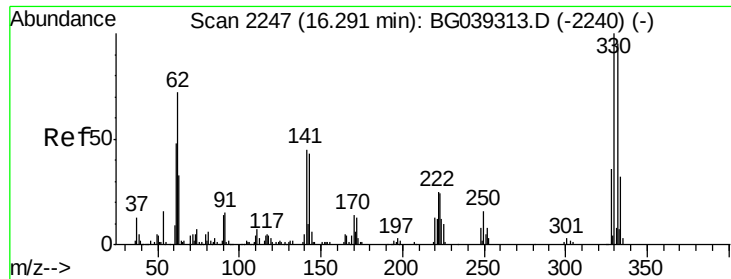
Tot Ion	82	Resp	403575
Ion Ratio	100	Lower	Upper
128	43.6	31.3	46.9
54	57.9	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039642.D
Acq: 27 Feb 2019 19:56

Tgt Ion	164	Resp	146903
Ion Ratio	100	Lower	Upper
162	100.3	81.6	122.4
160	41.3	34.2	51.2

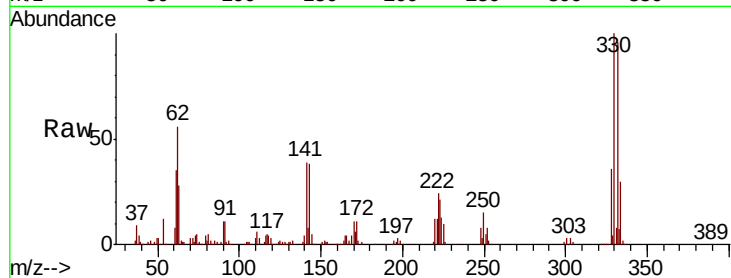




#42
 2,4,6-Tribromophenol
 Concen: 162.309 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039642.D
 Acq: 27 Feb 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.7	113.5
141	41.8	35.6	53.4

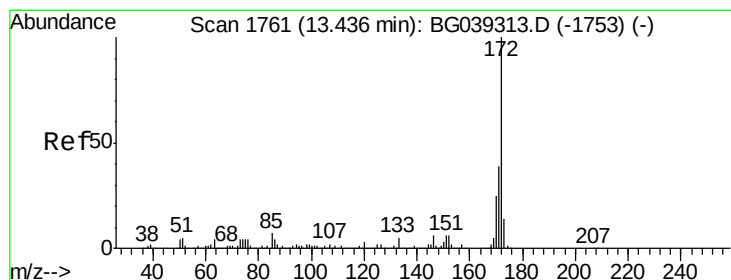
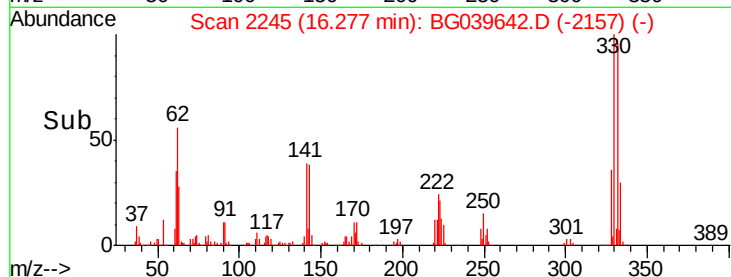
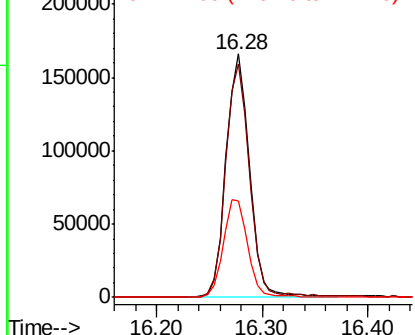


Abundance

Ion 329.80 (329.50 to 330.50): E

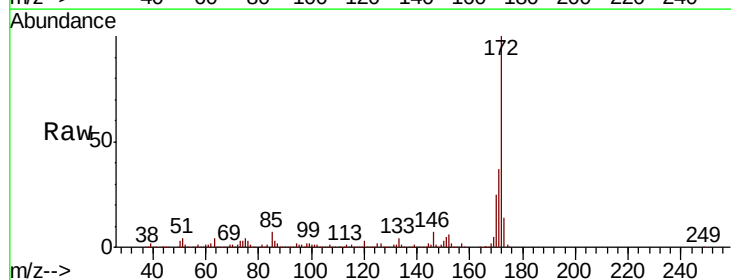
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.120 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.03 min
 Lab File: BG039642.D
 Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	24.7	20.2	30.4

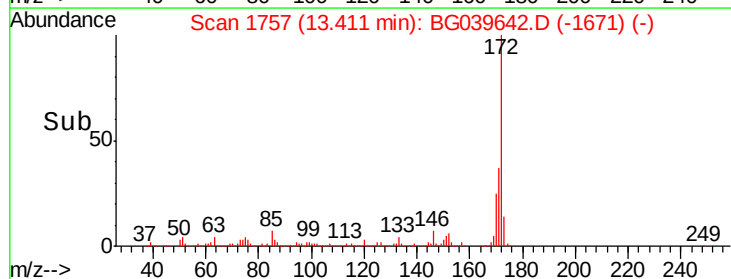
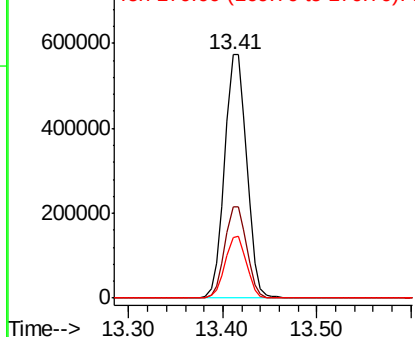


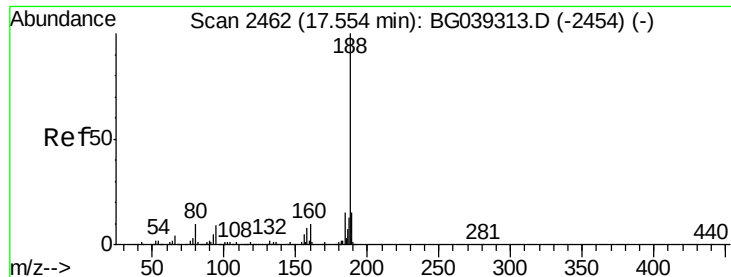
Abundance

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# 2459

Delta R.T. -0.02 min

Lab File: BG039642.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_G

ClientSampleId :

OK-02-022519

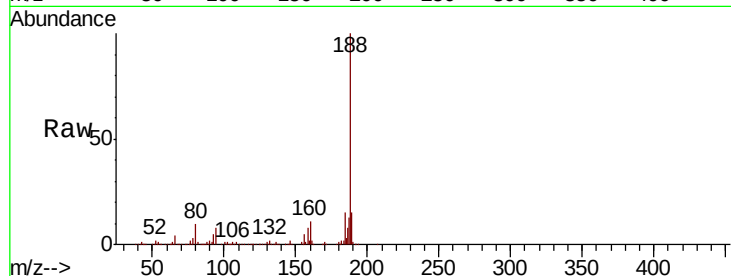
Tot Ion:188 Resp: 375224

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

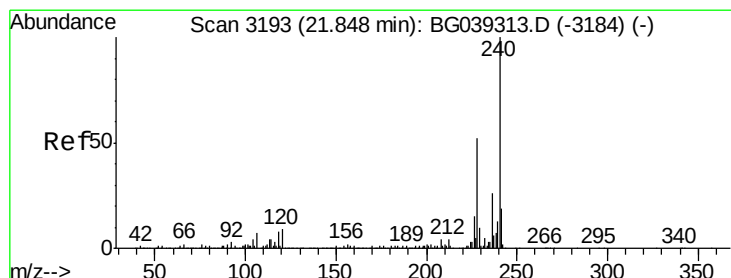
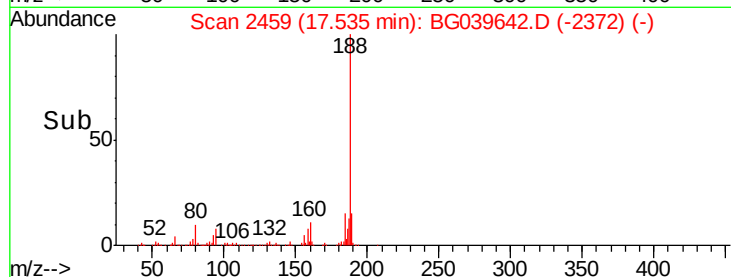
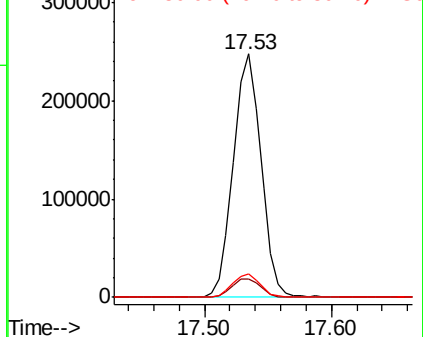
80 9.8 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039642.D

Acq: 27 Feb 2019 19:56

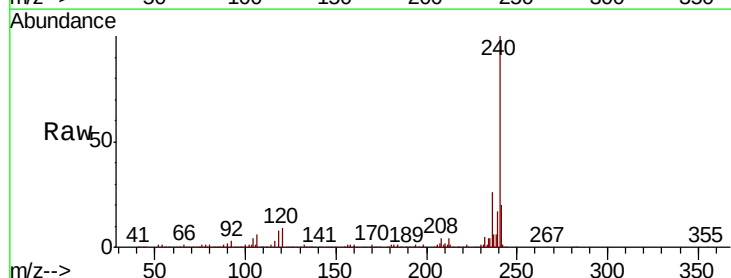
Tgt Ion:240 Resp: 394450

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

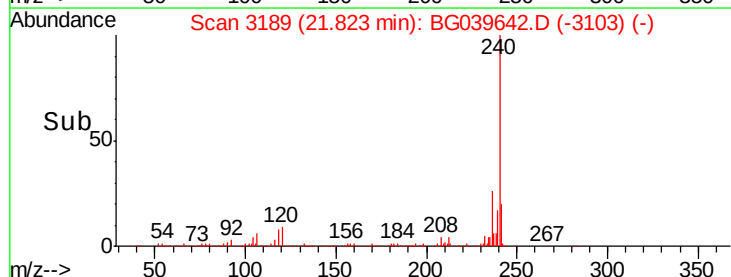
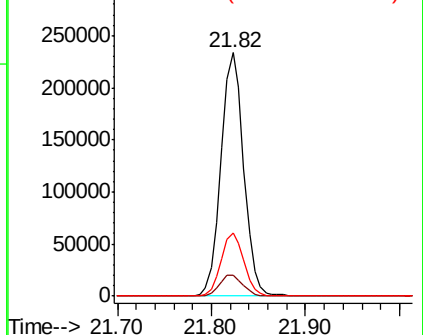
236 25.8 21.0 31.4

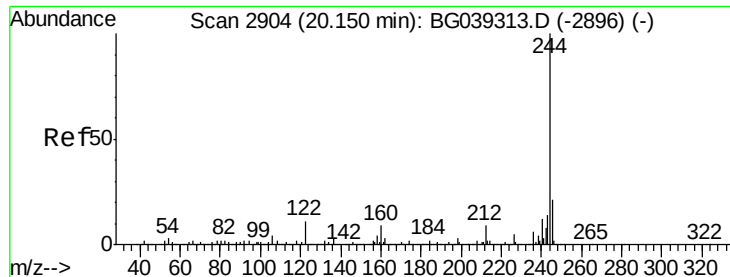


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.643 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039642.D

Acq: 27 Feb 2019 19:56

Instrument :

BNA_G

ClientSampleId :

OK-02-022519

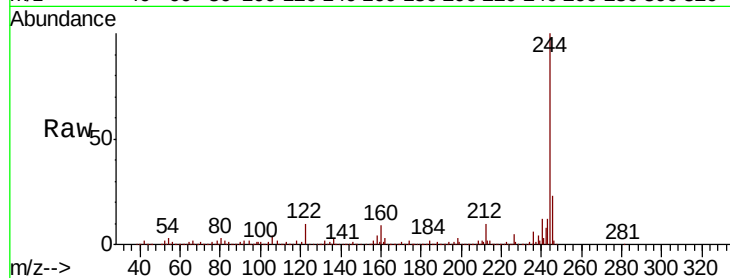
Tot Ion:244 Resp: 1651884

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

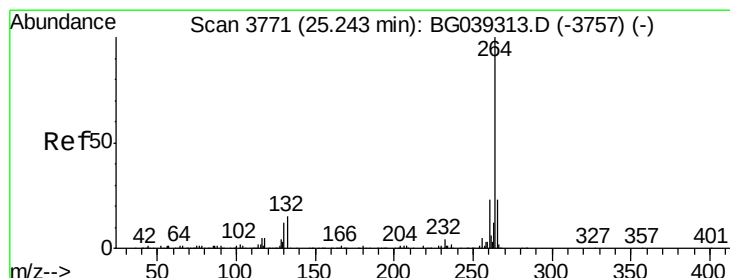
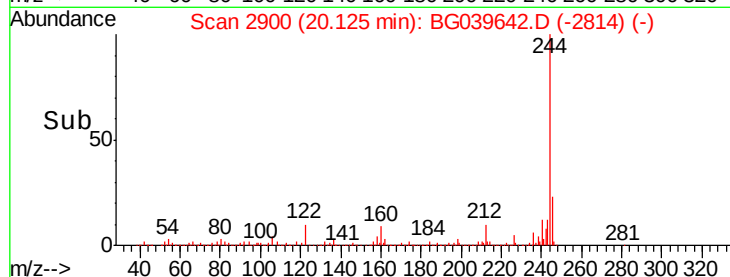
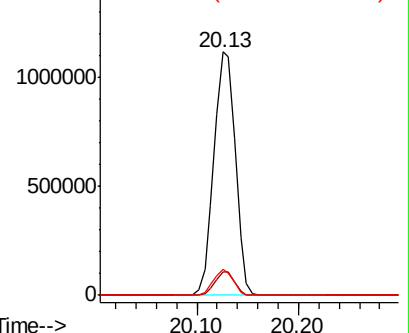
122 10.5 8.4 12.6



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# 3764

Delta R.T. -0.04 min

Lab File: BG039642.D

Acq: 27 Feb 2019 19:56

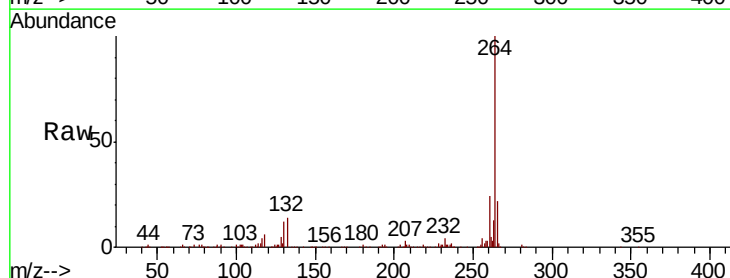
Tgt Ion:264 Resp: 391662

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 22.4 18.5 27.7



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

