

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039007.D
 Acq On : 8 Jan 2019 23:47
 Operator : JU/SJ
 Sample : K1072-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TRANSFORMER-PIERS

Quant Time: Jan 09 03:28:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

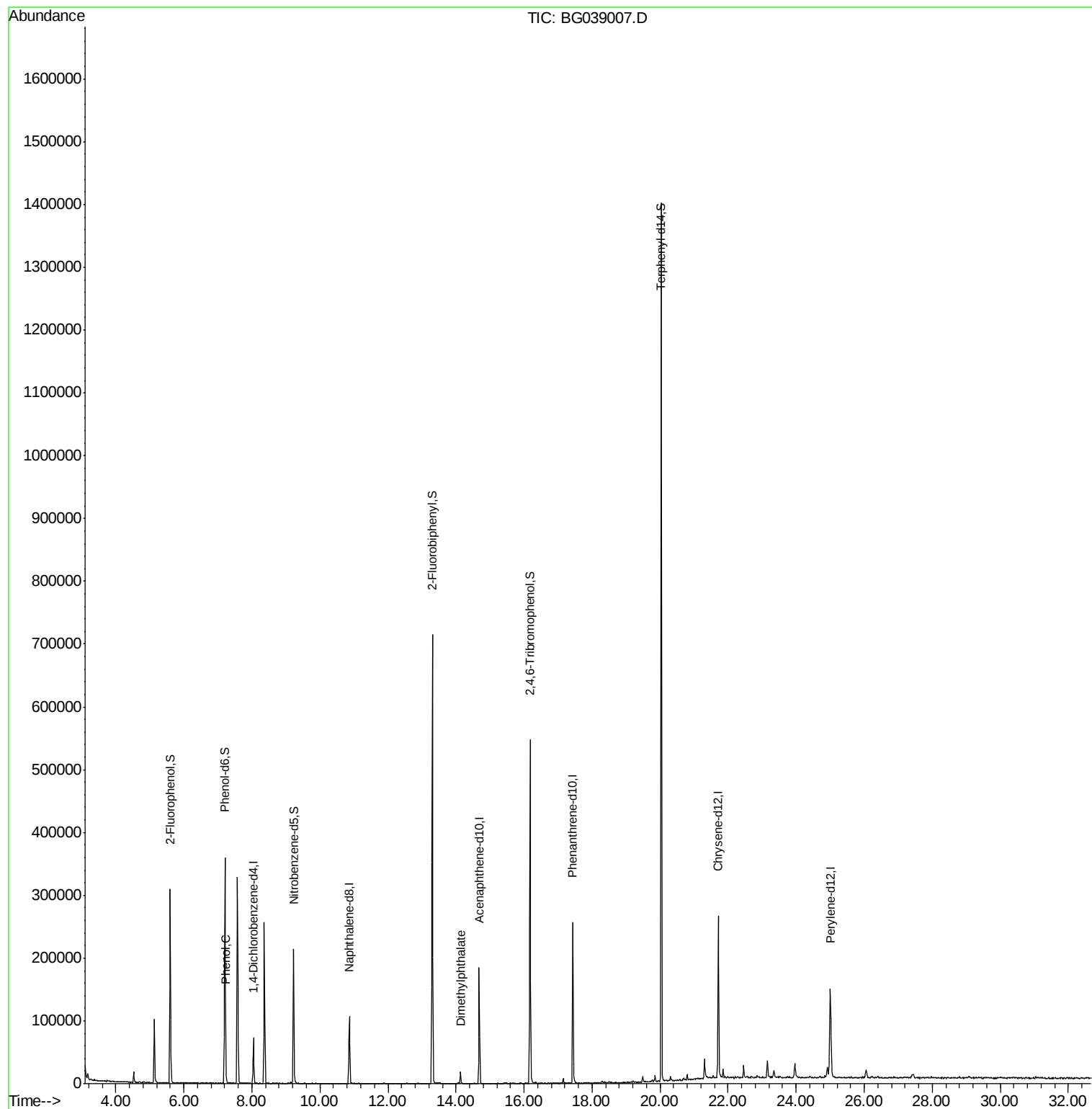
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	22529	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	96086	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	70388	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	171767	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	174243	20.00	ng	-0.02
87) Perylene-d12	25.00	264	183779	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	139163	109.56	ng	0.00
7) Phenol-d6	7.20	99	219342	125.79	ng	0.00
23) Nitrobenzene-d5	9.22	82	129652	68.93	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	122152	125.92	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	406742	79.27	ng	-0.02
79) Terphenyl-d14	20.03	244	715327	89.35	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	4180	2.256	ng	Qvalue # 74
50) Dimethylphthalate	14.13	163	15321	2.665	ng	98

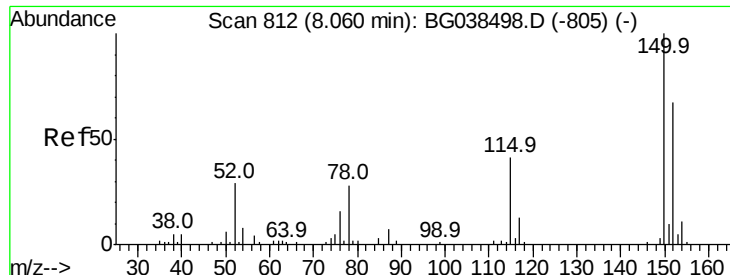
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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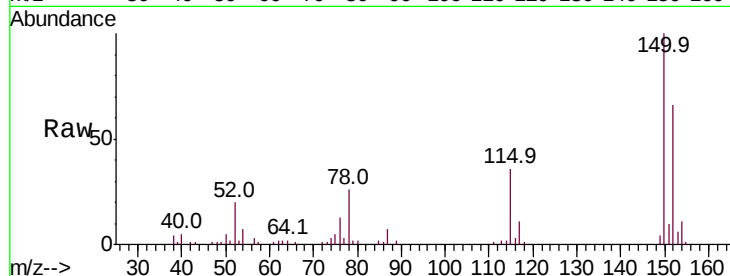


#1

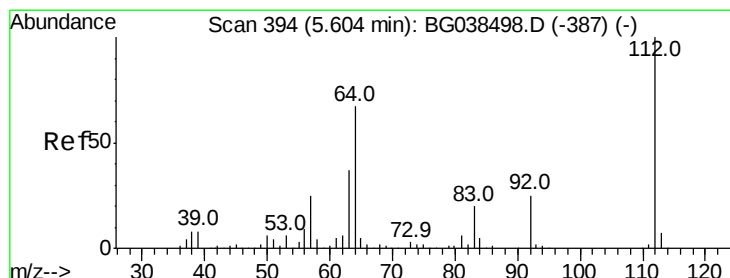
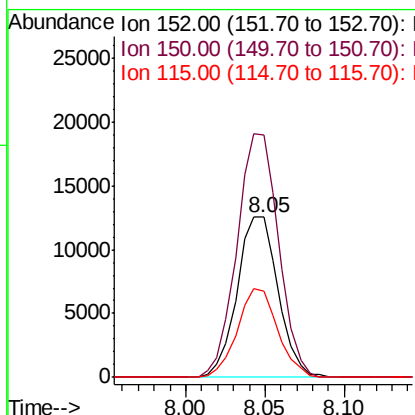
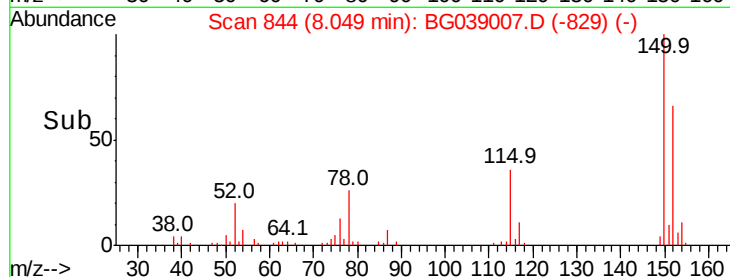
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :
TRANSFORMER-PIERS

Tot Ion:152 Resp: 22529
Ion Ratio Lower Upper
152 100
150 151.5 119.5 179.3
115 54.1 49.6 74.4



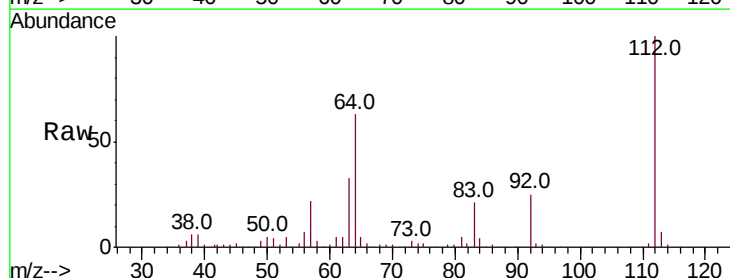
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



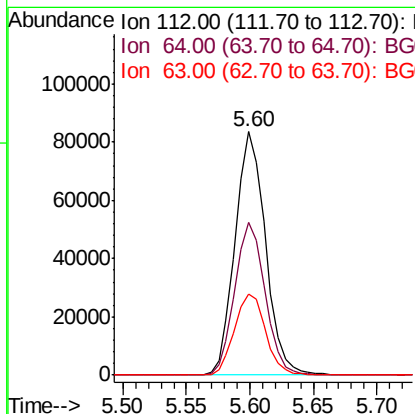
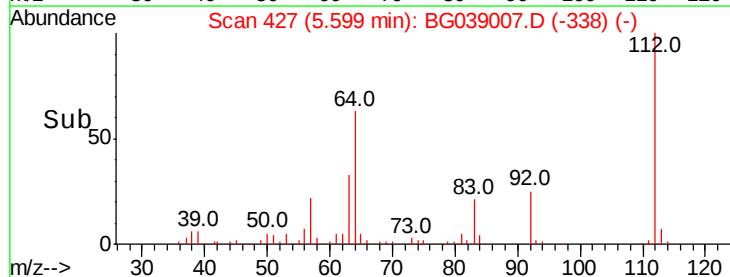
#5

2-Fluorophenol
Concen: 109.560 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion:112 Resp: 139163
Ion Ratio Lower Upper
112 100
64 62.6 53.4 80.2
63 33.1 29.3 43.9



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: 125.788 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampleId :

TRANSFORMER-PIERS

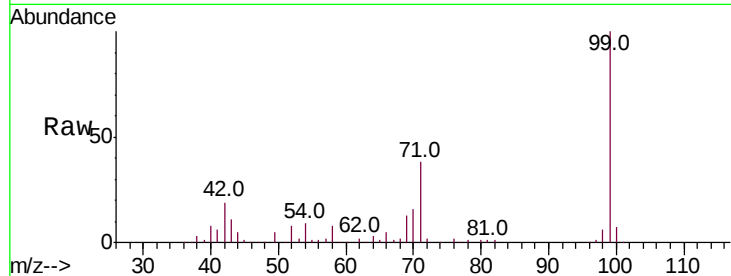
Tot Ion: 99 Resp: 219342

Ion Ratio Lower Upper

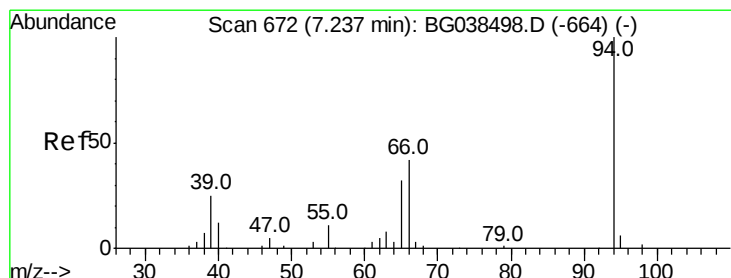
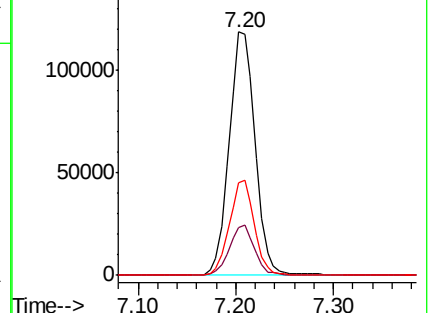
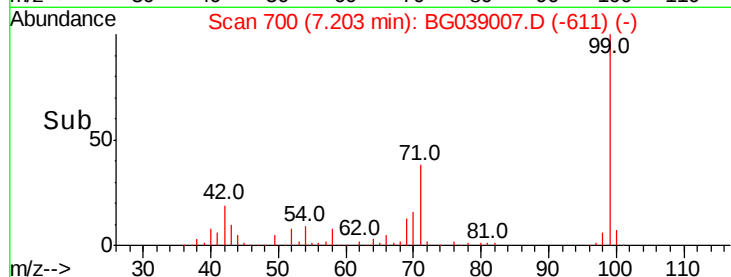
99 100

42 19.4 18.5 27.7

71 38.1 31.1 46.7



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



#10

Phenol

Concen: 2.256 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

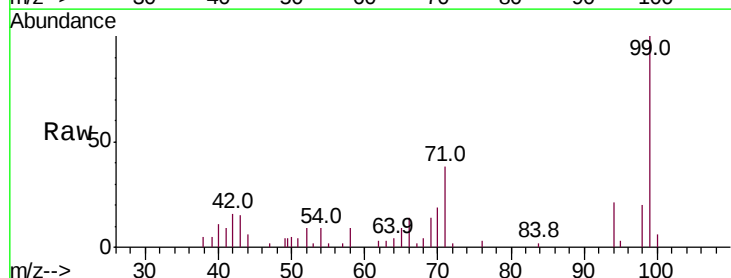
Tgt Ion: 94 Resp: 4180

Ion Ratio Lower Upper

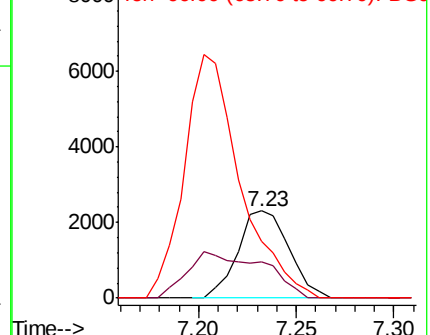
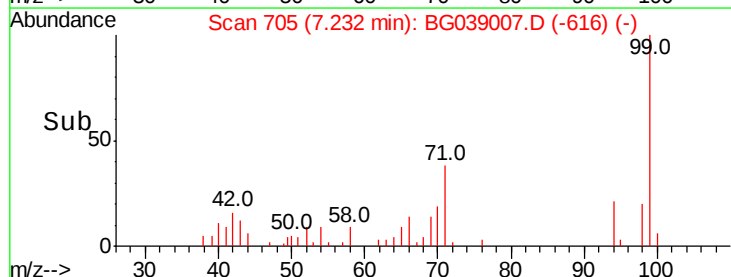
94 100

65 41.9 12.6 52.6

66 65.1 24.1 64.1#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

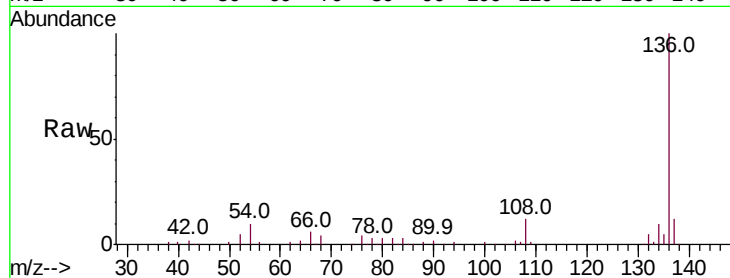




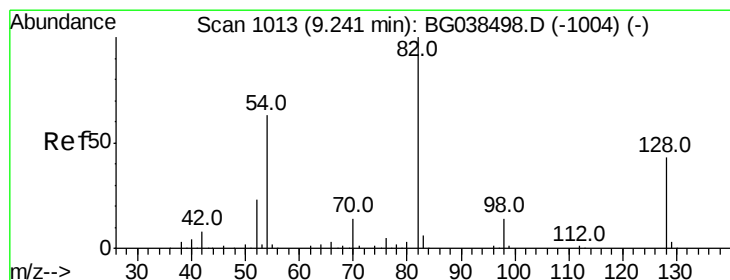
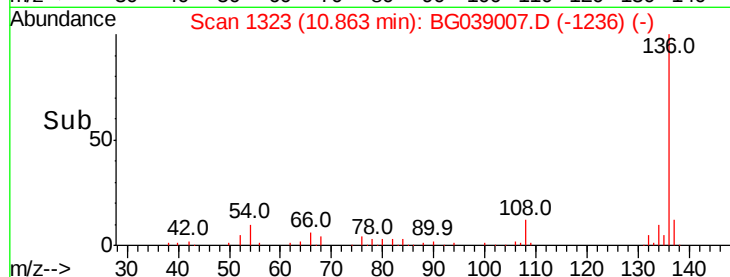
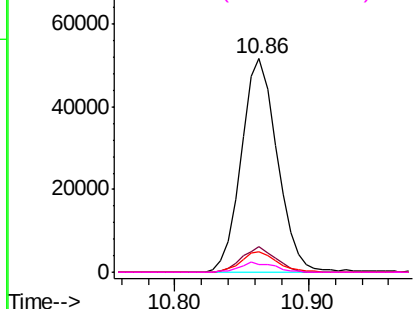
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :
TRANSFORMER-PIERS

Tot Ion:136	Resp:	96086
Ion	Ratio	Lower Upper
136	100	
137	12.2	9.3 13.9
54	9.5	8.5 12.7
68	3.8	3.5 5.3

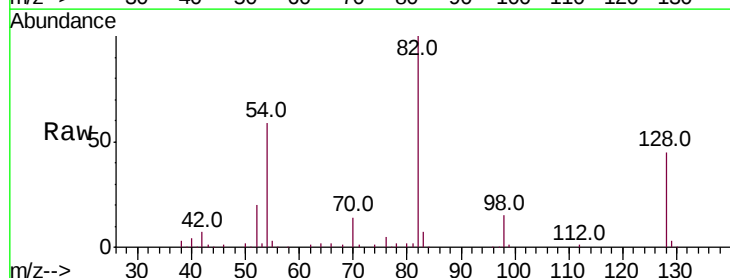


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

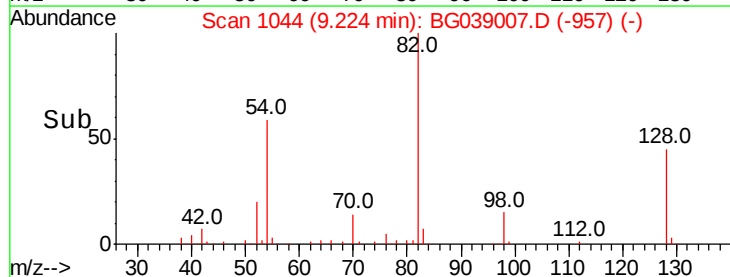
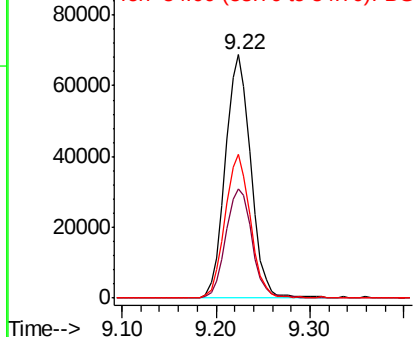


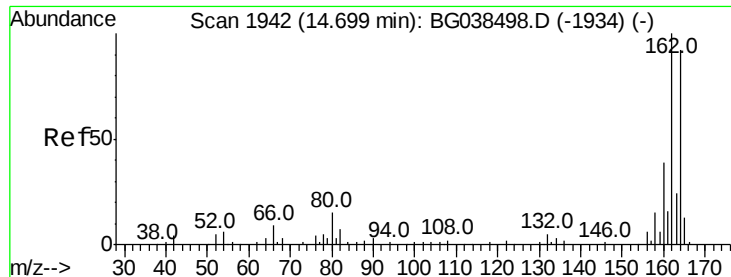
#23
Nitrobenzene-d5
Concen: 68.934 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion: 82	Resp:	129652
Ion	Ratio	Lower Upper
82	100	
128	44.7	34.6 52.0
54	59.0	50.6 76.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

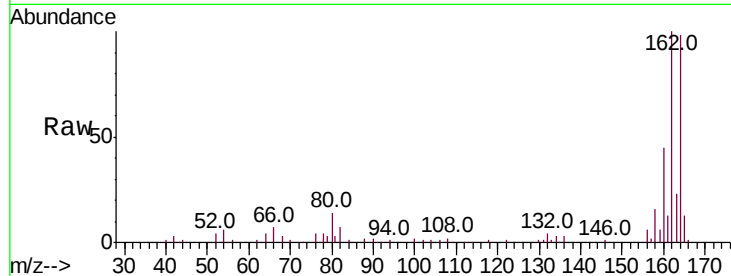




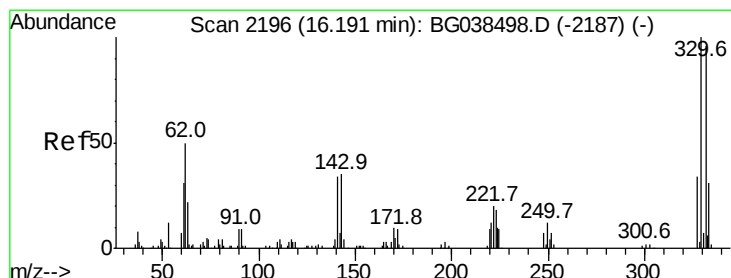
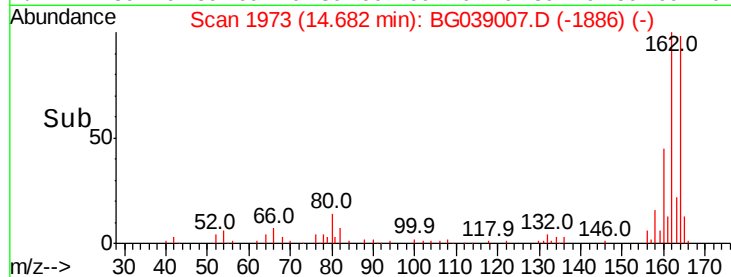
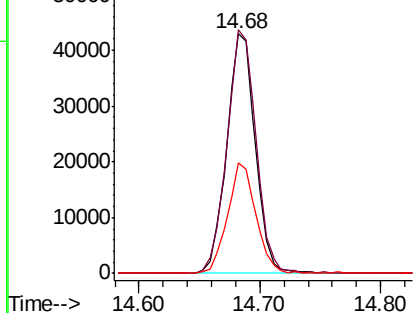
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG039007.D
 Acq: 8 Jan 2019 23:47

Instrument :
 BNA_G
 ClientSampleId :
 TRANSFORMER-PIERS

Tot Ion:164 Resp: 70388
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.6 130.0
 160 45.9 34.2 51.2

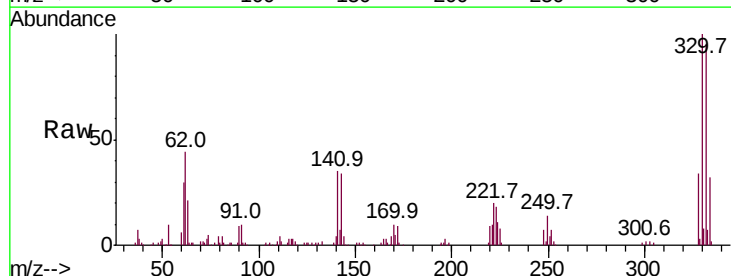


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

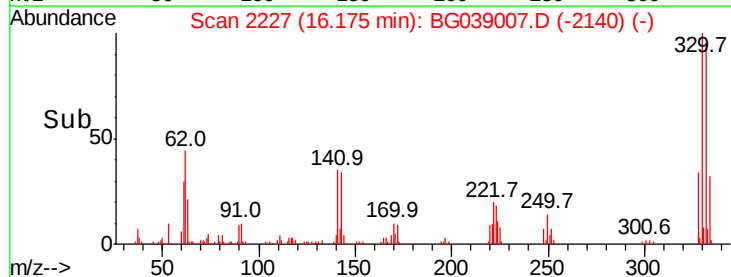
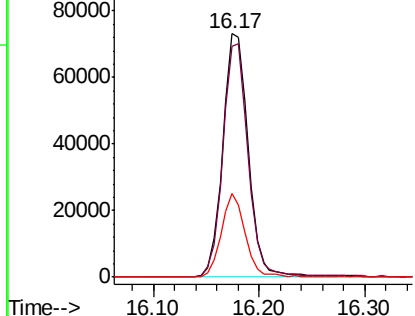


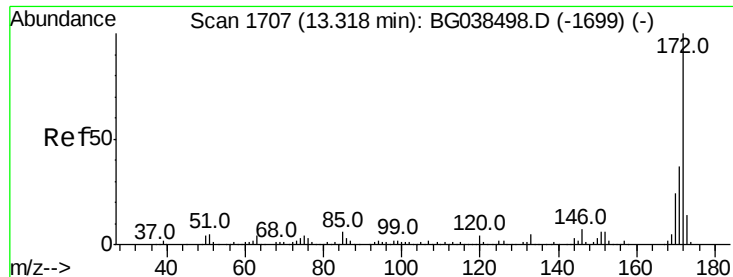
#42
 2,4,6-Tribromophenol
 Concen: 125.920 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG039007.D
 Acq: 8 Jan 2019 23:47

Tgt Ion:330 Resp: 122152
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.9 115.3
 141 32.3 28.8 43.2



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

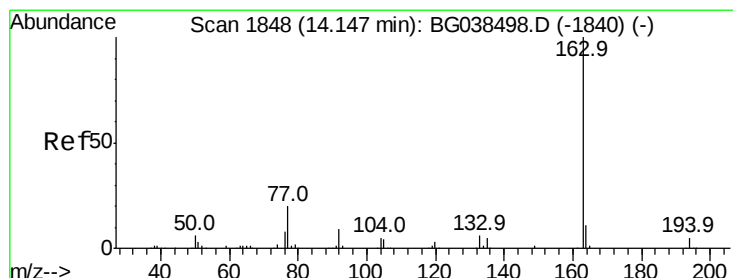
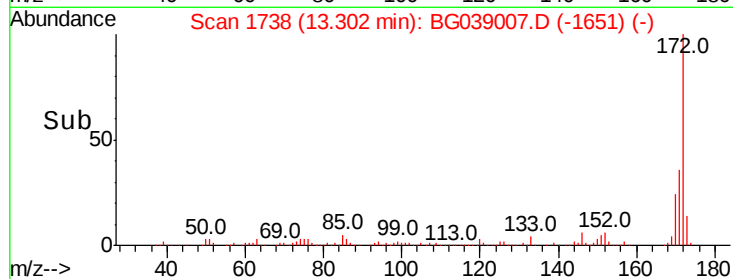
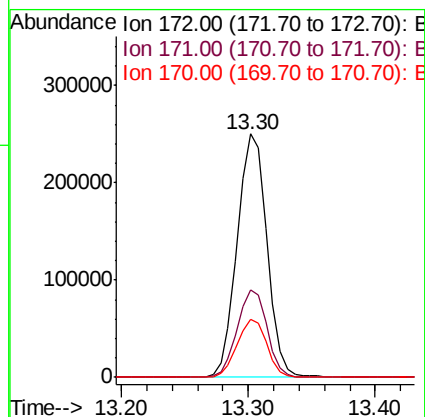
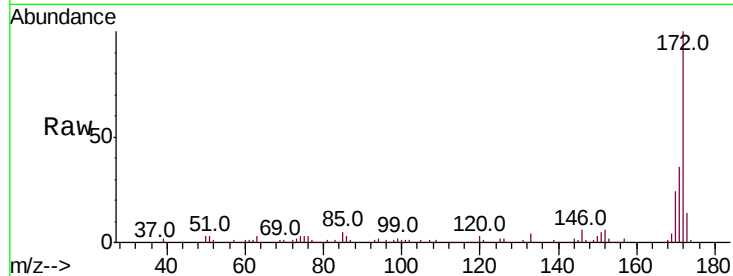




#45
 2-Fluorobiphenyl
 Concen: 79.273 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG039007.D
 Acq: 8 Jan 2019 23:47

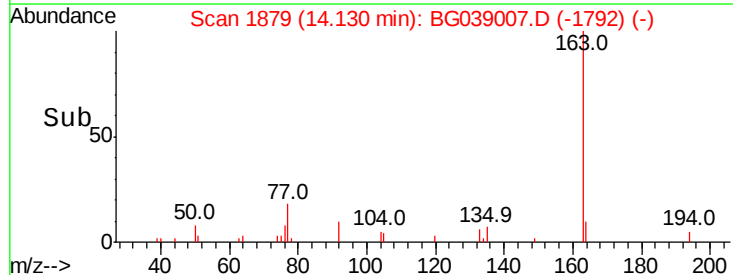
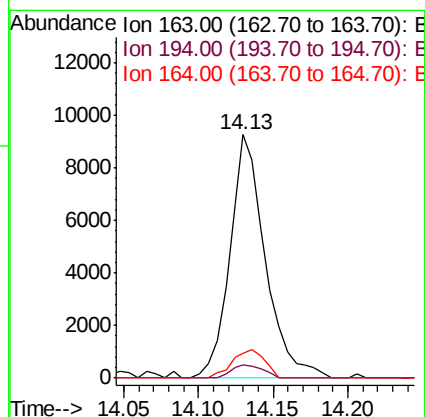
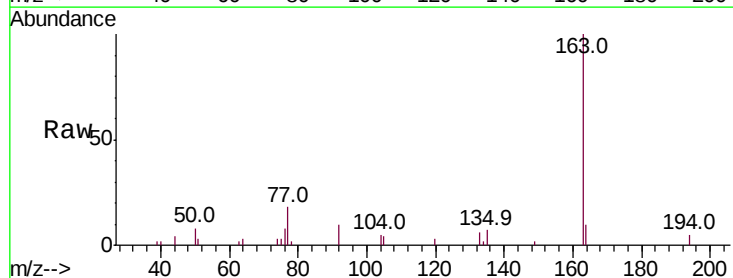
Instrument :
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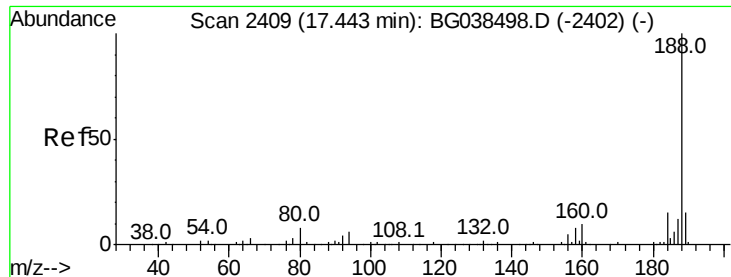
Tot Ion:172 Resp: 406742
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.8 44.6
 170 23.9 19.5 29.3



#50
 Dimethylphthalate
 Concen: 2.665 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BG039007.D
 Acq: 8 Jan 2019 23:47

Tgt Ion:163 Resp: 15321
 Ion Ratio Lower Upper
 163 100
 194 5.5 3.7 5.5
 164 10.1 8.6 12.8

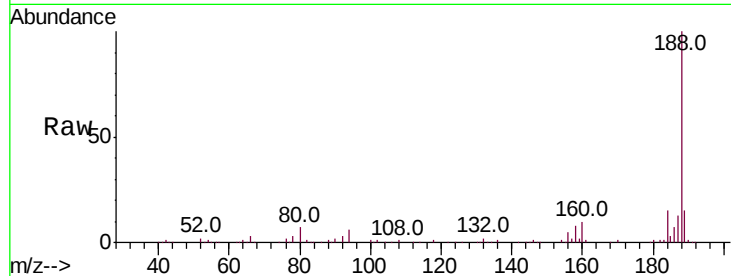




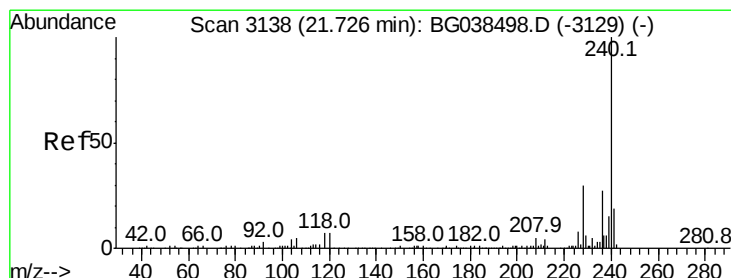
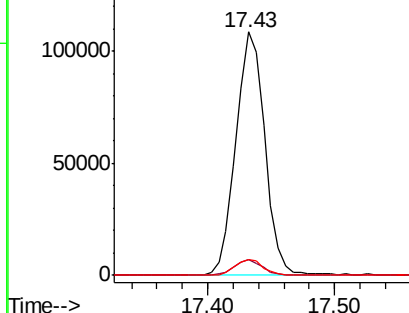
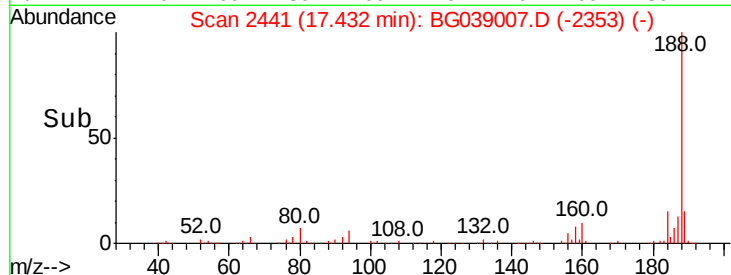
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :
TRANSFORMER-PIERS

Tot Ion:188 Resp: 171767
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 6.6 6.1 9.1

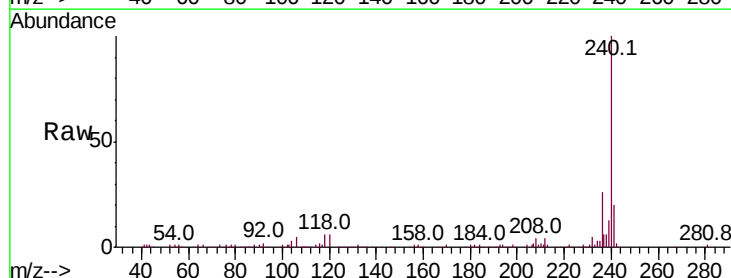


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

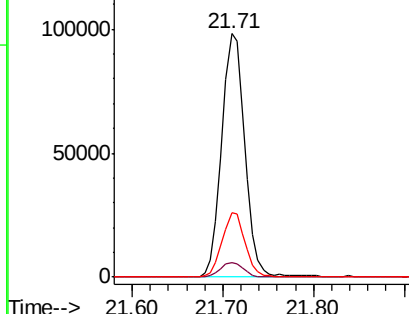
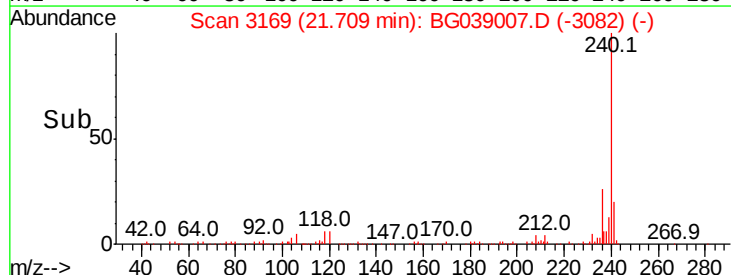


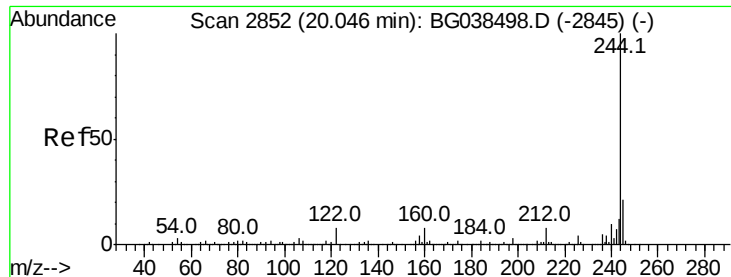
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion:240 Resp: 174243
Ion Ratio Lower Upper
240 100
120 6.2 5.3 7.9
236 26.3 21.4 32.2



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: 89.346 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

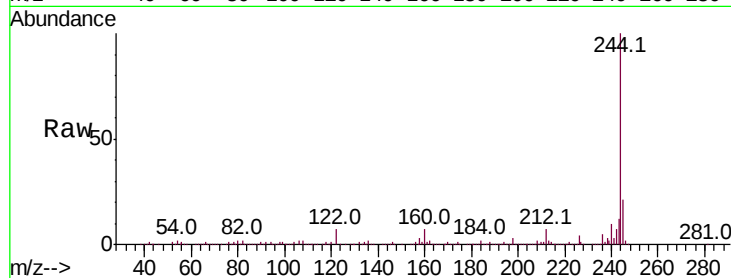
BNA_G

ClientSampleId :

TRANSFORMER-PIERS

Tot Ion:244 Resp: 715327

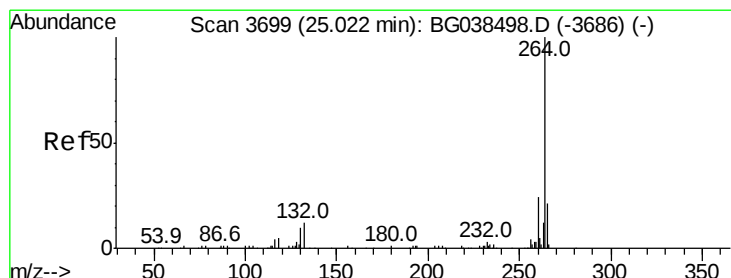
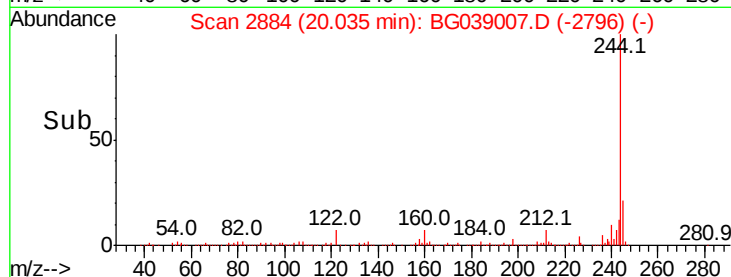
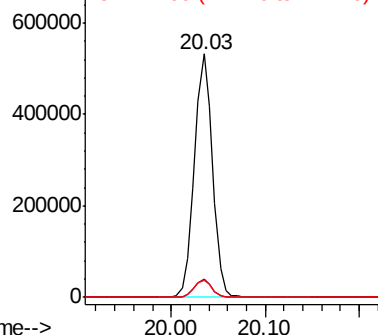
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	7.0	6.3	9.5



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: 25.00 min Scan# 3729

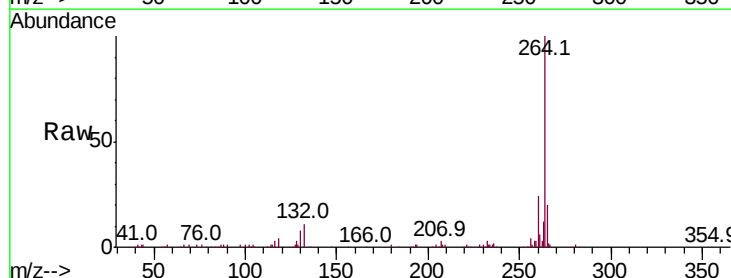
Delta R.T. -0.02 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Tgt Ion:264 Resp: 183779

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	20.4	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

