

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040126.D
 Acq On : 25 Mar 2019 20:53
 Operator : JU/SJ
 Sample : K2061-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26524-27245

Quant Time: Mar 26 05:36:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	33960	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	146267	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	103955	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	274463	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	284241	20.00	ng	-0.03
87) Perylene-d12	25.15	264	269314	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	274840	138.07	ng	-0.02
7) Phenol-d6	7.29	99	366171	123.37	ng	-0.02
23) Nitrobenzene-d5	9.31	82	266494	98.54	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	178795	147.56	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	683344	93.59	ng	-0.03
79) Terphenyl-d14	20.11	244	1218238	94.37	ng	-0.02

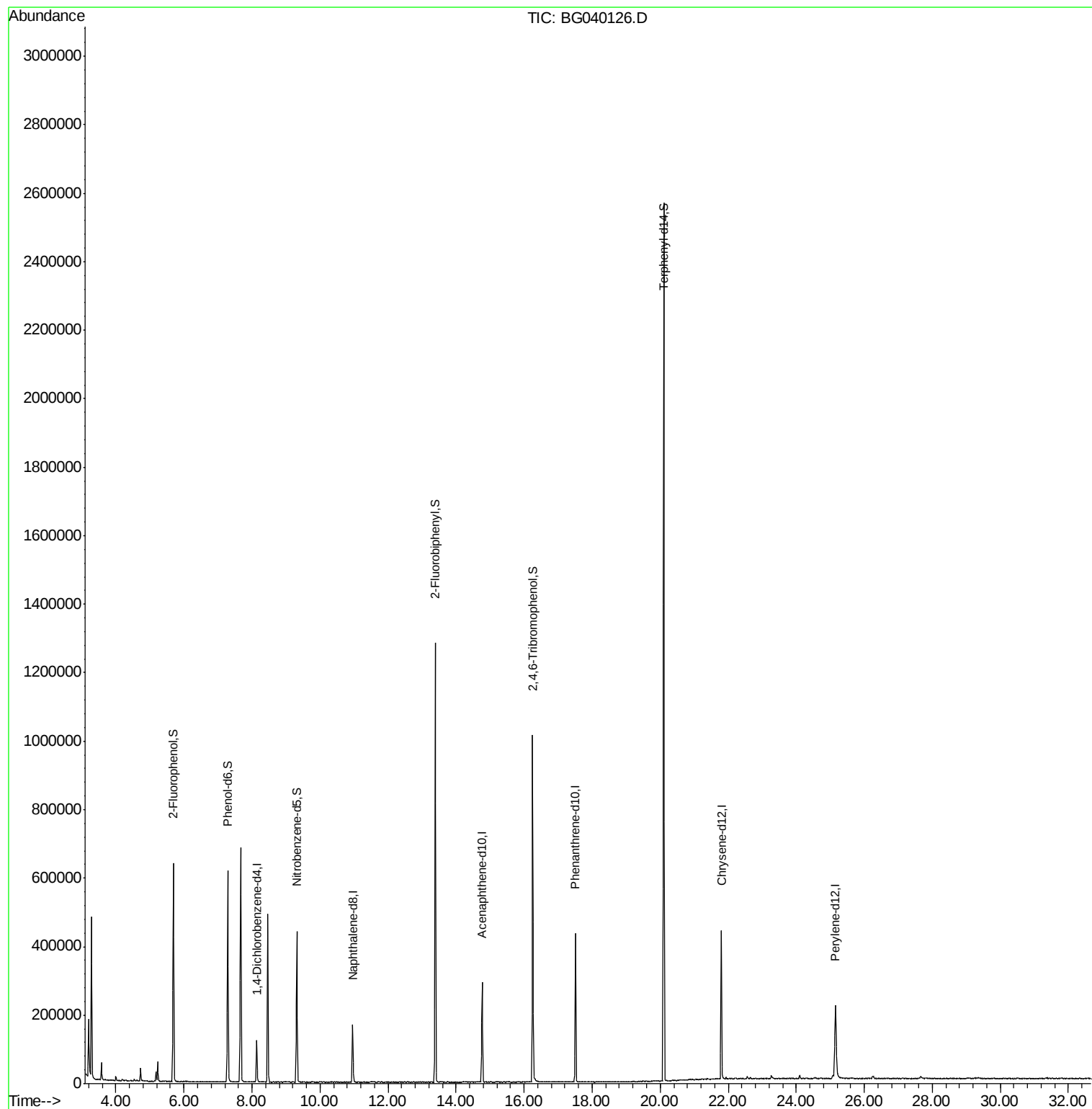
Target Compounds	Qvalue
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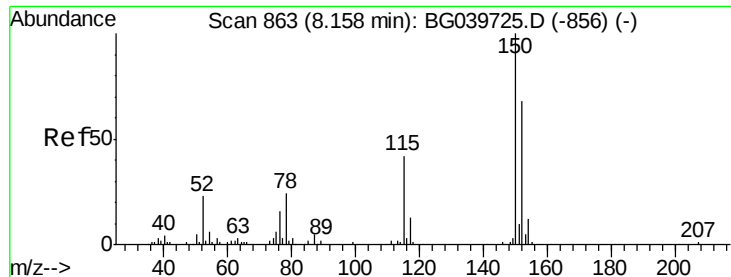
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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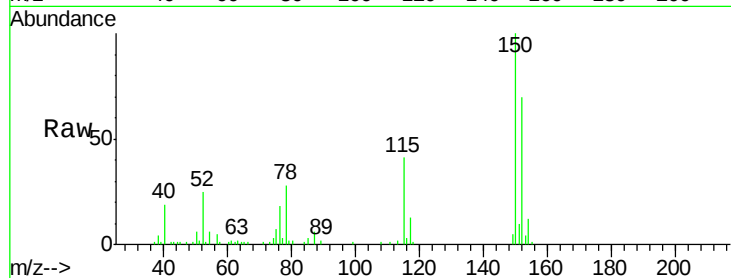


#1

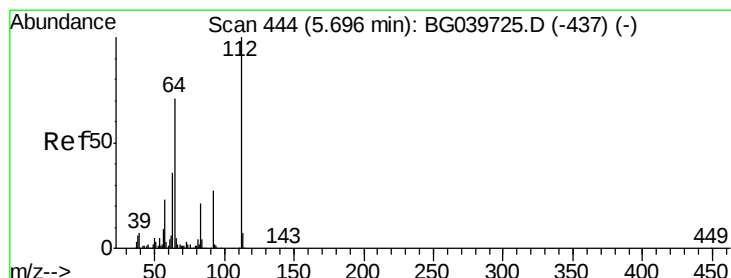
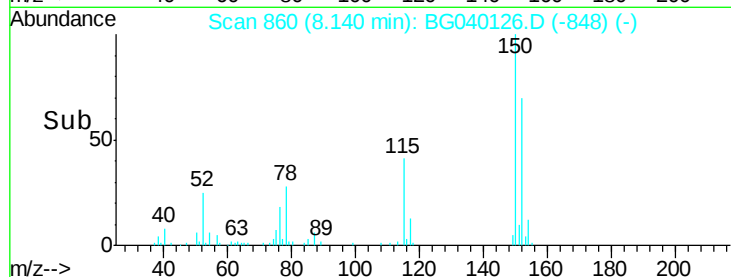
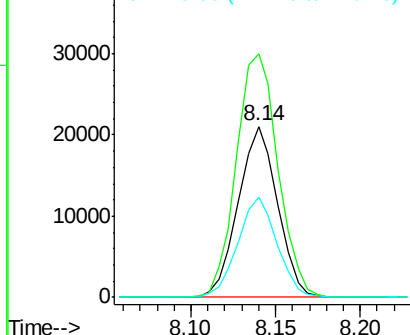
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_G
ClientSampleId :
26524-27245

Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.7	123.7	185.5
115	58.5	45.9	68.9



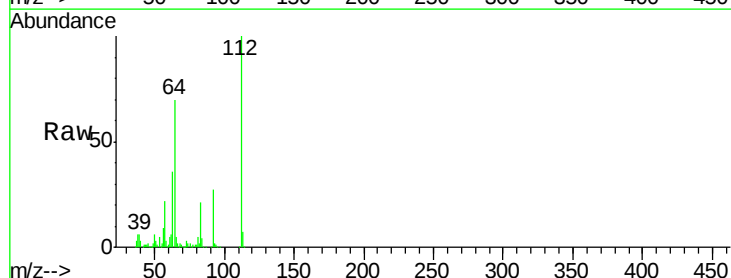
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



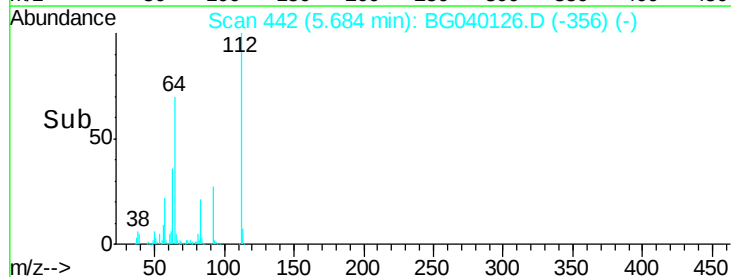
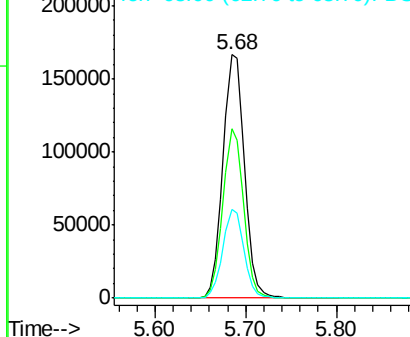
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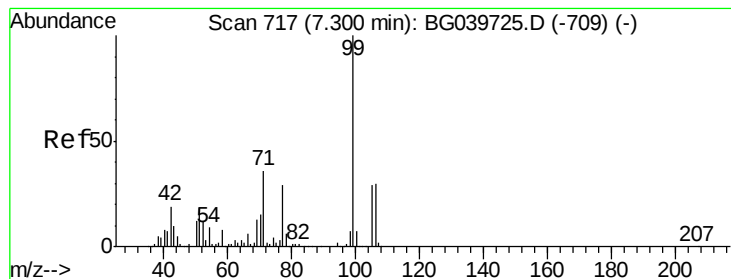
2-Fluorophenol
Concen: 138.068 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	57.8	86.8
63	36.4	29.8	44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.368 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_G

ClientSampleId :

26524-27245

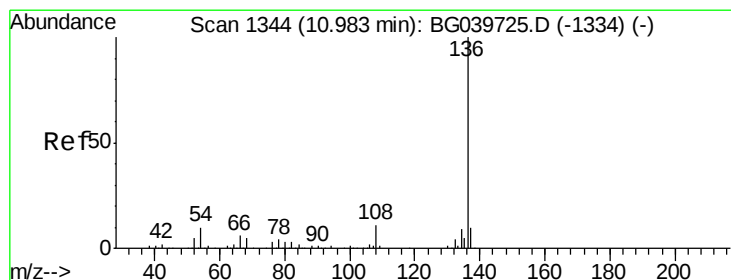
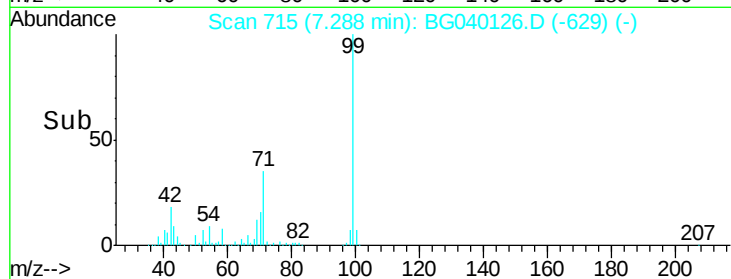
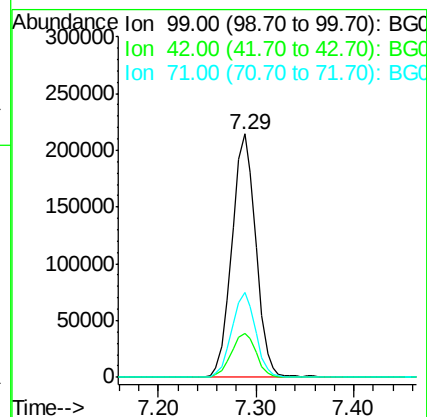
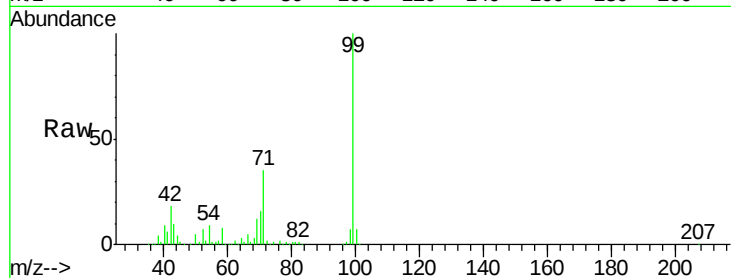
Tgt Ion: 99 Resp: 366171

Ion Ratio Lower Upper

99 100

42 18.0 18.2 27.2#

71 34.7 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

Tgt Ion: 136 Resp: 146267

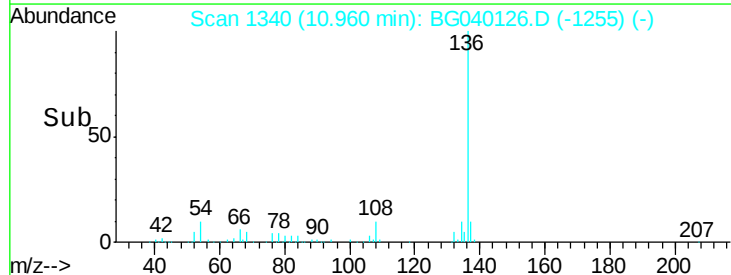
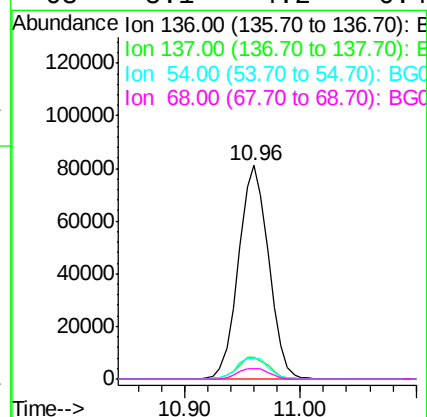
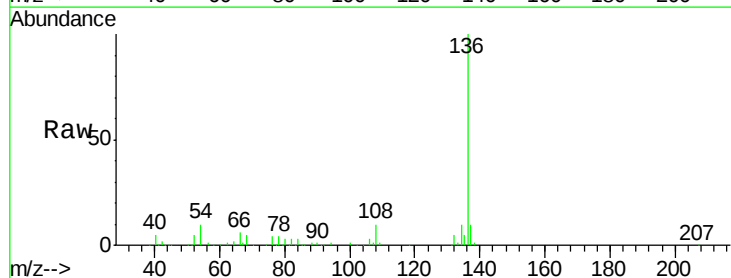
Ion Ratio Lower Upper

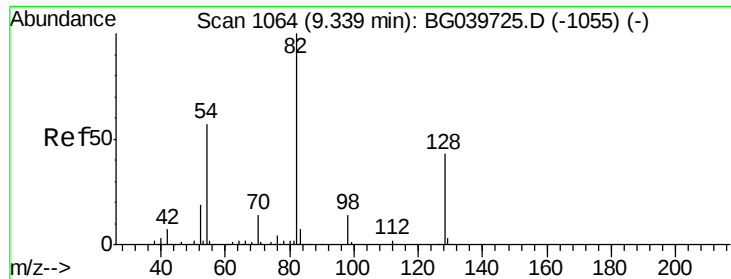
136 100

137 10.1 9.1 13.7

54 9.8 9.4 14.2

68 5.1 4.2 6.4

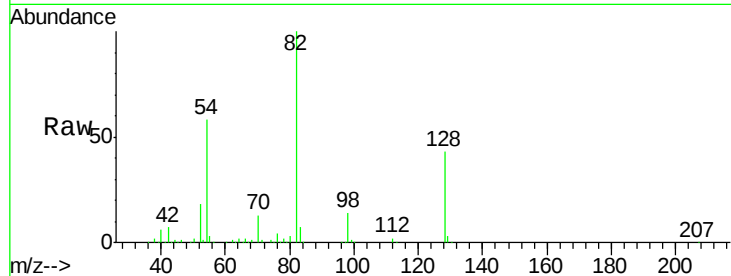




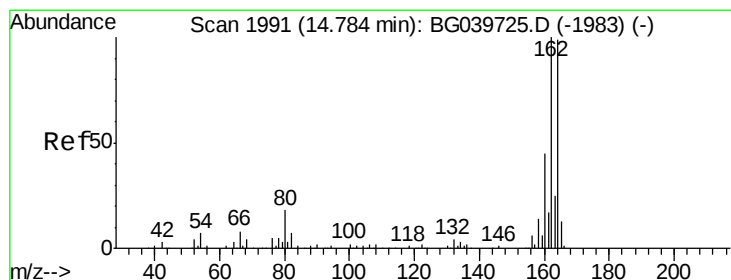
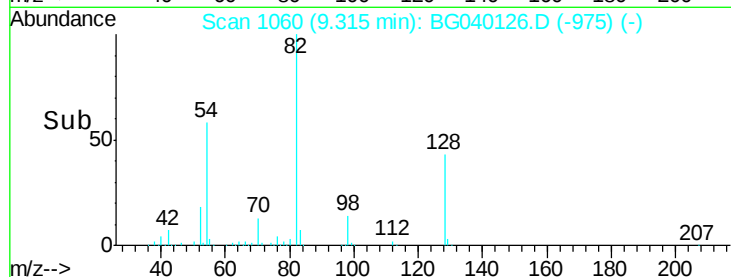
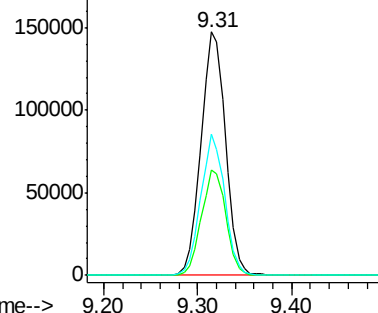
#23
Nitrobenzene-d5
Concen: 98.539 ng
RT: 9.31 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_G
ClientSampleId :
26524-27245

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.3	46.9
54	58.0	50.9	76.3

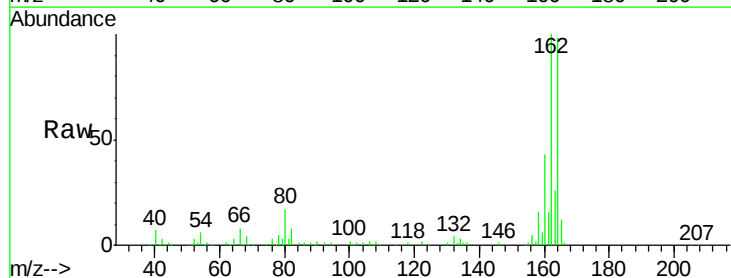


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

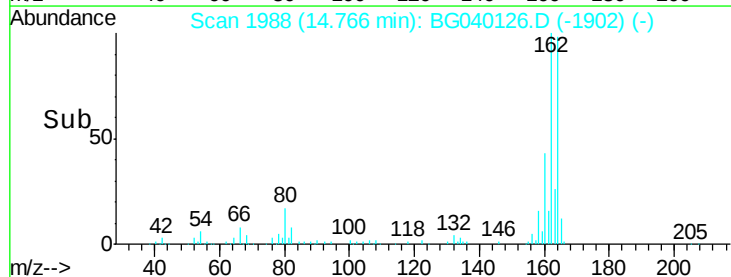
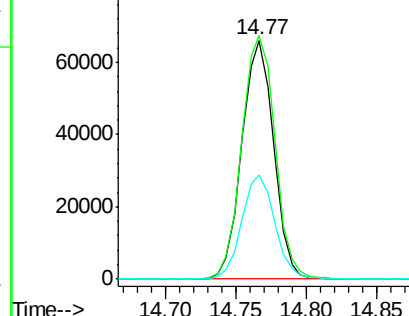


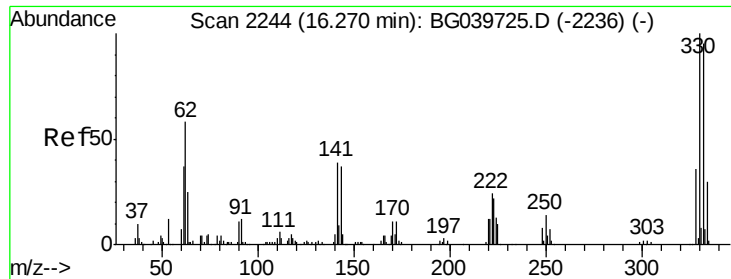
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040126.D
Acq: 25 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.6	122.4
160	43.8	34.2	51.2



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

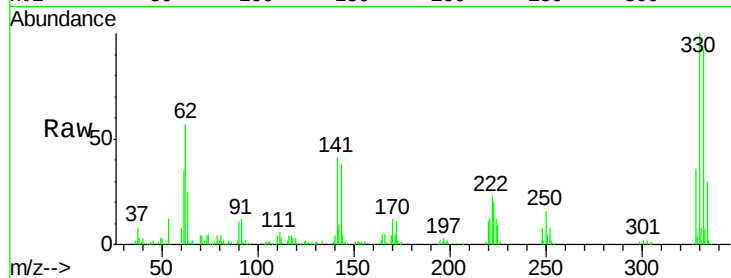




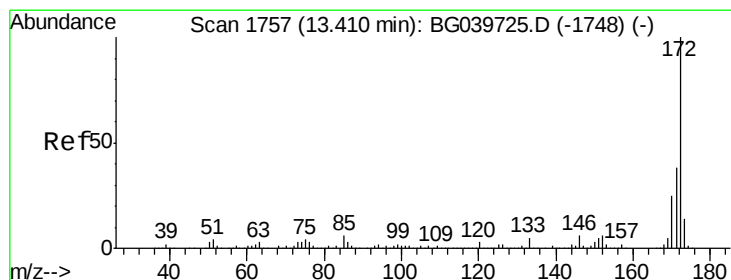
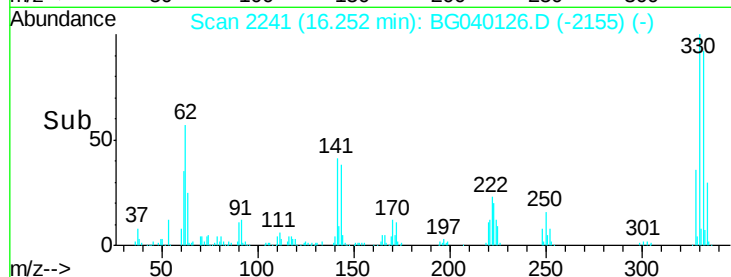
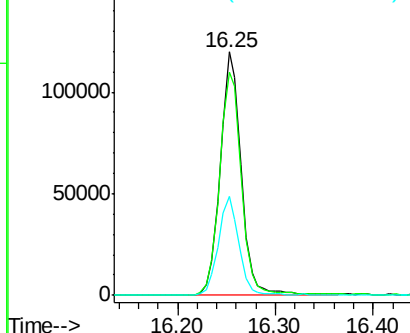
#42
 2,4,6-Tribromophenol
 Concen: 147.561 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Instrument :
 BNA_G
 ClientSampleId :
 26524-27245

Tgt Ion:330 Resp: 178795
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.7 113.5
 141 39.8 35.6 53.4

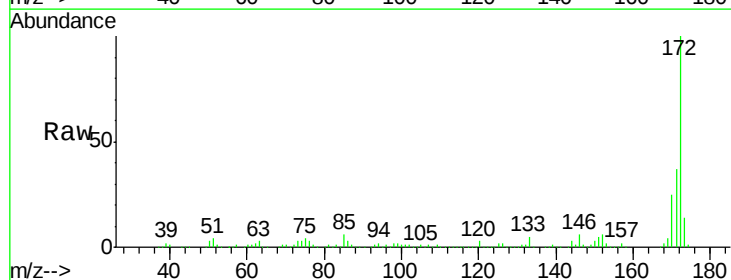


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

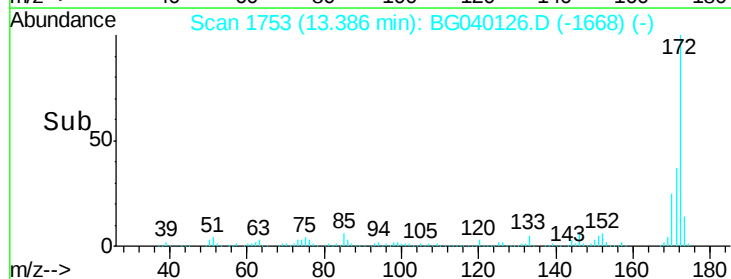
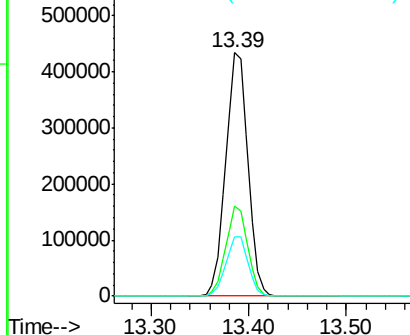


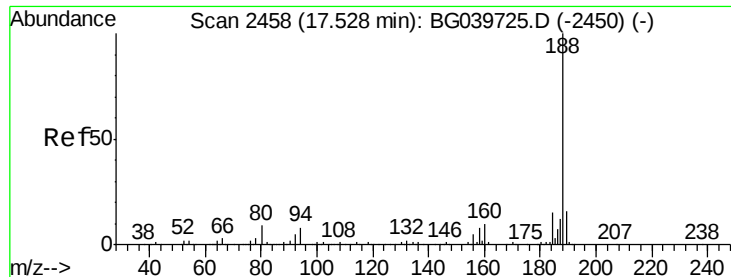
#45
 2-Fluorobiphenyl
 Concen: 93.595 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Tgt Ion:172 Resp: 683344
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 24.6 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

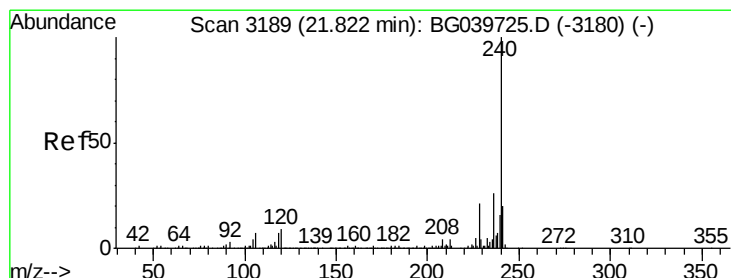
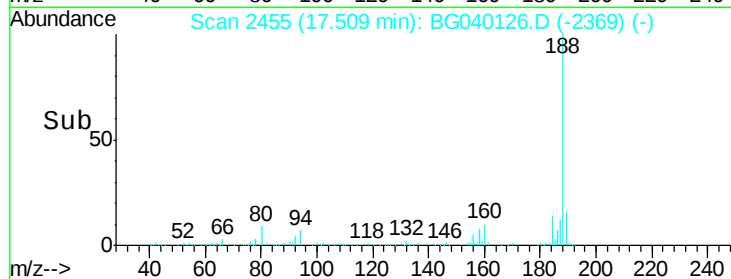
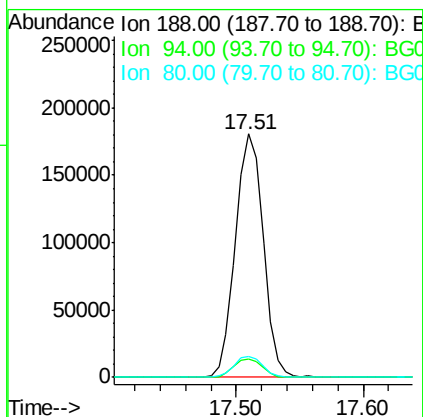
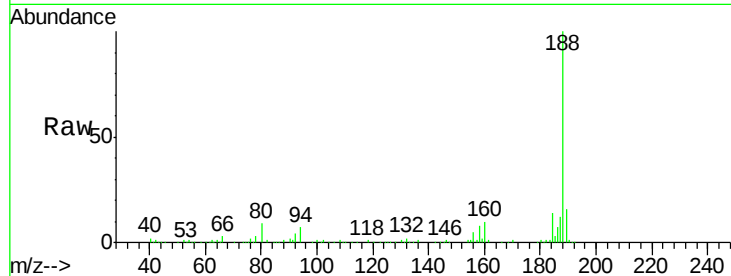




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

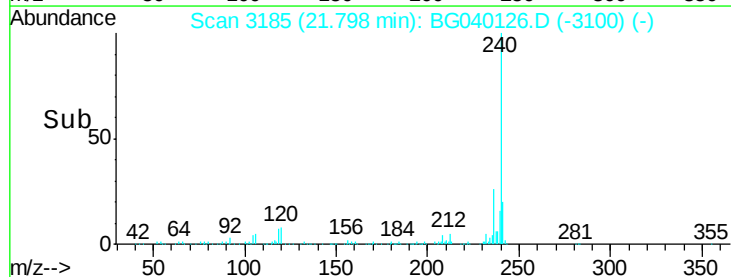
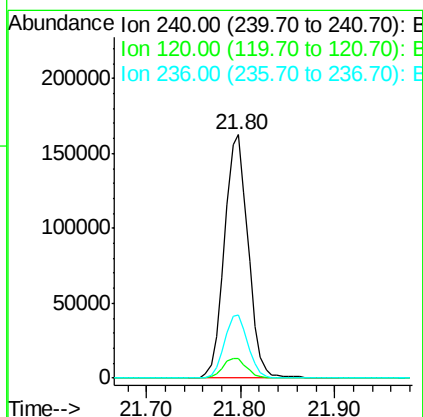
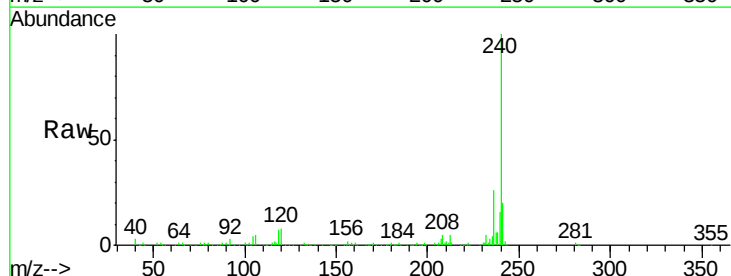
Instrument :
 BNA_G
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 26524-27245

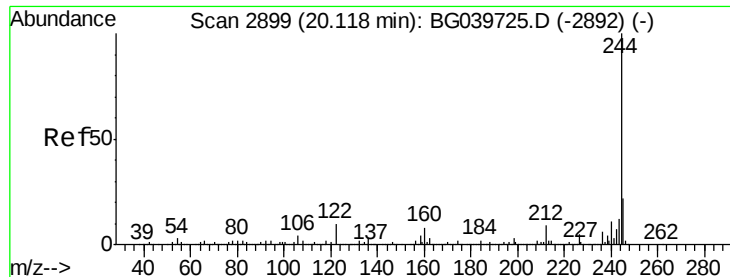
Tgt Ion:188 Resp: 274463
 Ion Ratio Lower Upper
 188 100
 94 7.3 6.9 10.3
 80 8.8 8.1 12.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.03 min
 Lab File: BG040126.D
 Acq: 25 Mar 2019 20:53

Tgt Ion:240 Resp: 284241
 Ion Ratio Lower Upper
 240 100
 120 7.9 7.0 10.6
 236 25.7 21.0 31.4





#79

Terphenyl-d14

Concen: 94.368 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

Instrument :

BNA_G

ClientSampleId :

26524-27245

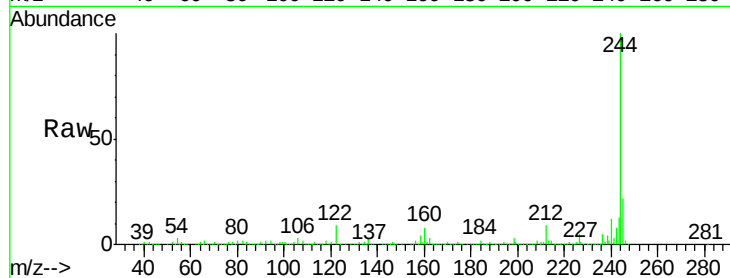
Tgt Ion:244 Resp: 1218238

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

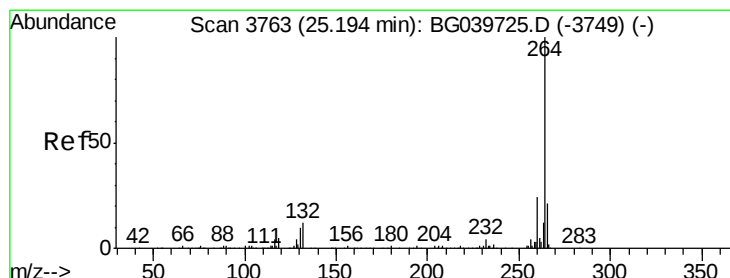
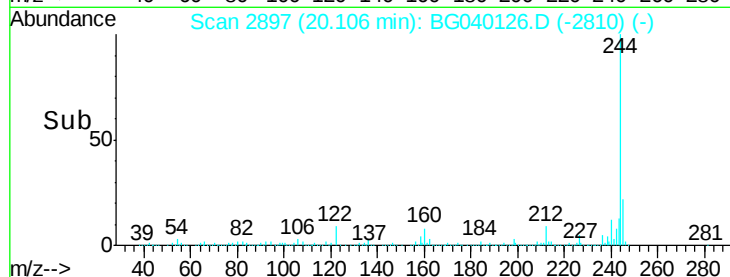
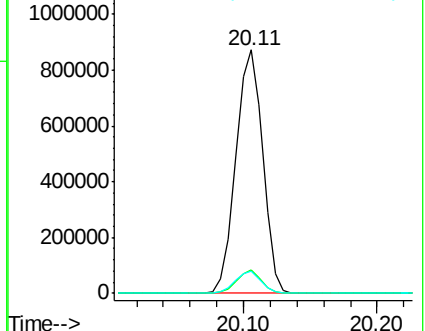
122 9.2 8.4 12.6



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: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040126.D

Acq: 25 Mar 2019 20:53

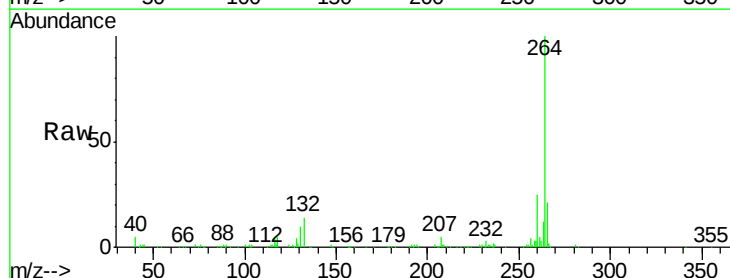
Tgt Ion:264 Resp: 269314

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.4

265 20.9 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

