

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040150.D
 Acq On : 26 Mar 2019 16:56
 Operator : JU/SJ
 Sample : PB118289BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118289BL

Quant Time: Mar 27 01:41:10 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	34570	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	142029	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	102765	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	268493	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	276505	20.00	ng	-0.04
87) Perylene-d12	25.15	264	269512	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	237659	117.28	ng	-0.02
7) Phenol-d6	7.29	99	341690	113.09	ng	-0.02
23) Nitrobenzene-d5	9.32	82	198989	75.77	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	134612	112.38	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	533886	73.97	ng	-0.03
79) Terphenyl-d14	20.10	244	937579	74.66	ng	-0.02

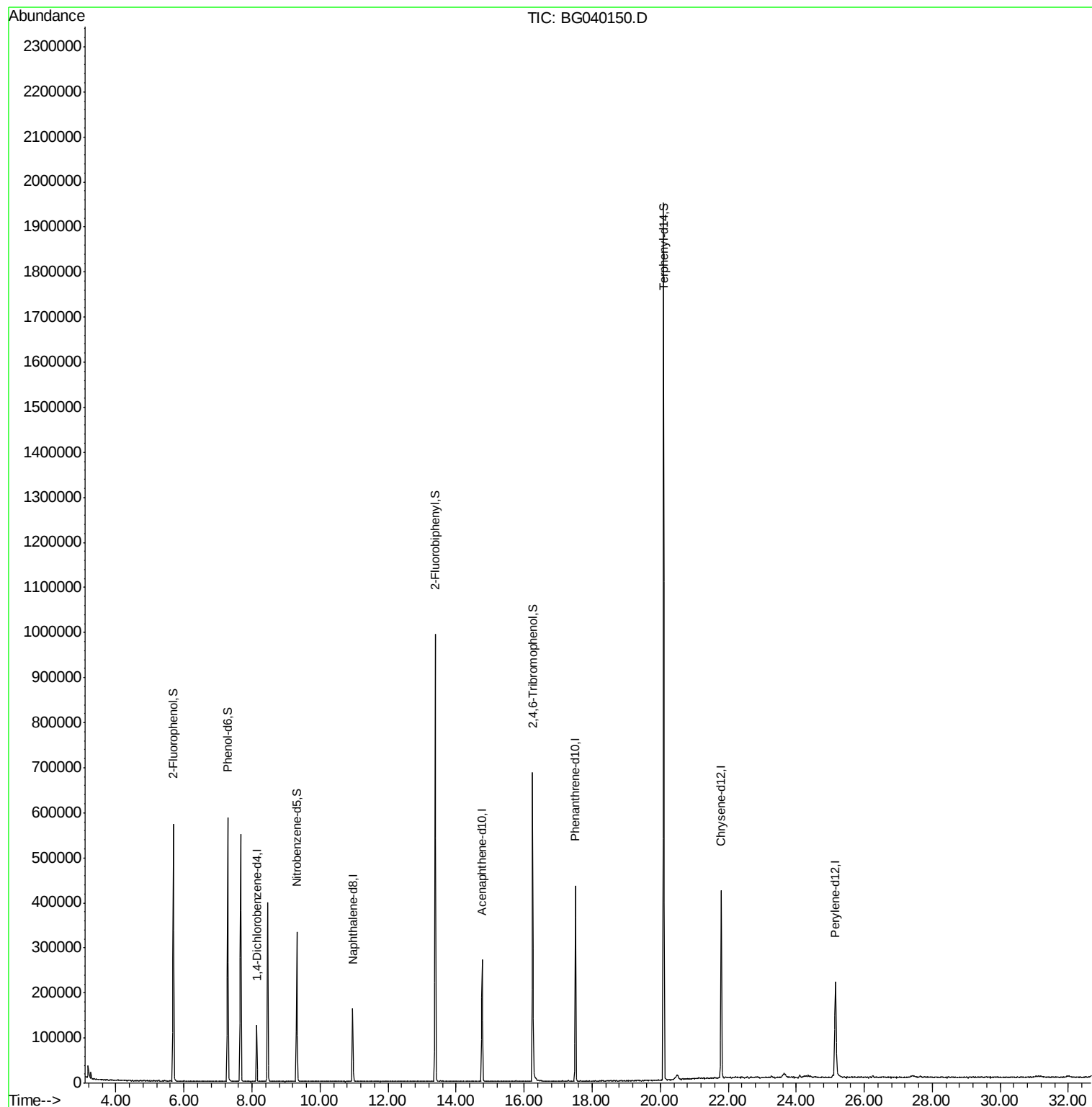
Target Compounds Qvalue

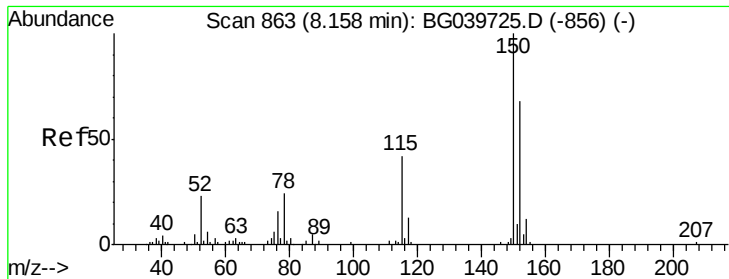
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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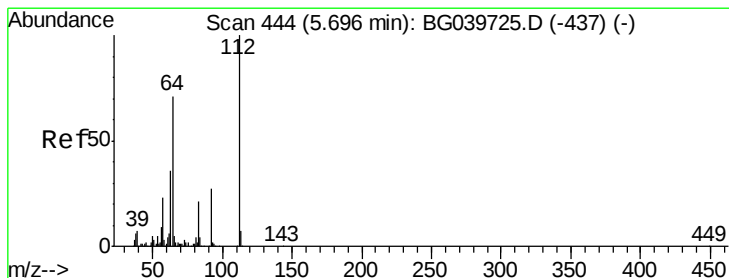
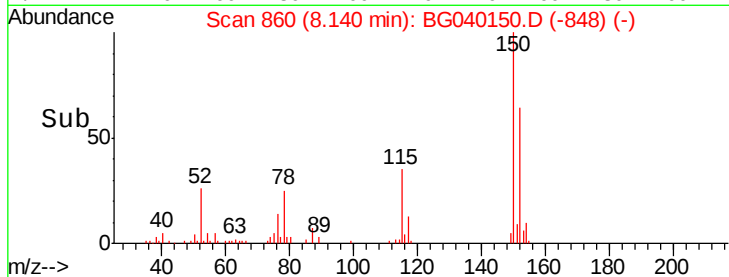
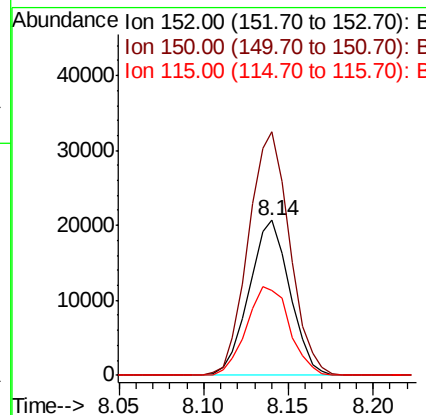
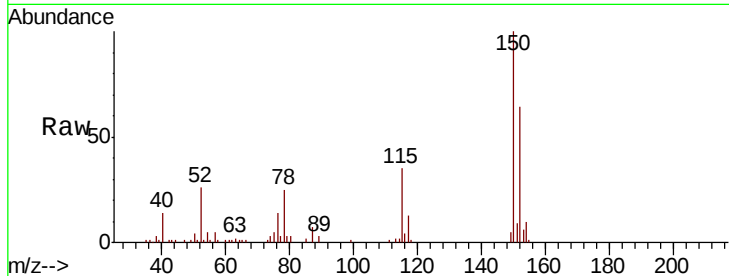


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040150.D
Acq: 26 Mar 2019 16:56

Instrument :
BNA_G
ClientSampleId :
PB118289BL

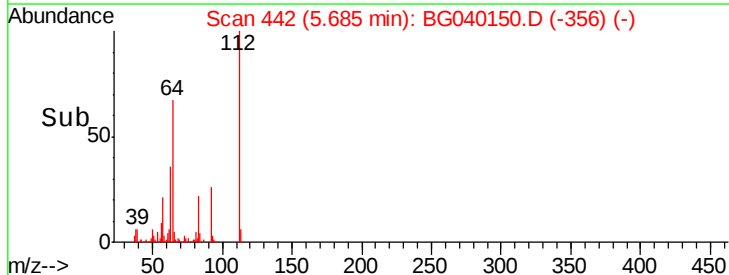
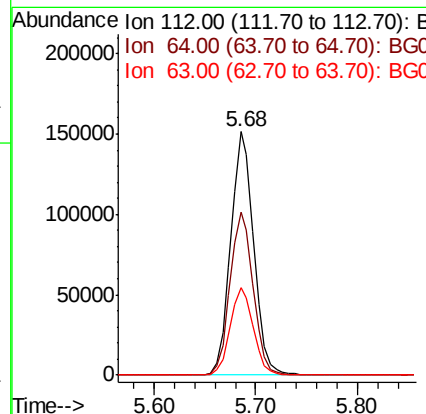
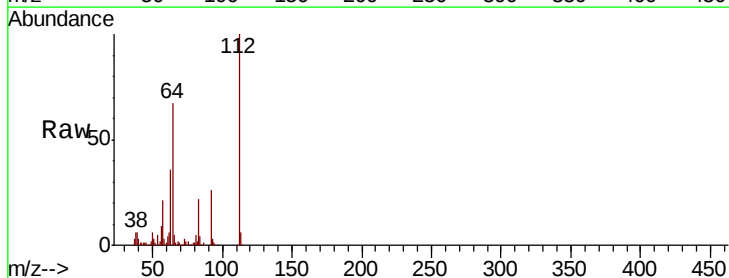
Tot Ion:152 Resp: 34570
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 54.8 45.9 68.9

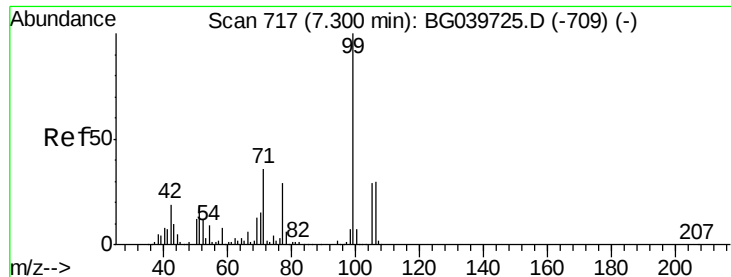


#5

2-Fluorophenol
Concen: 117.283 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040150.D
Acq: 26 Mar 2019 16:56

Tgt Ion:112 Resp: 237659
Ion Ratio Lower Upper
112 100
64 67.1 57.8 86.8
63 36.1 29.8 44.6





#7

Phenol-d6

Concen: 113.089 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040150.D

Acq: 26 Mar 2019 16:56

Instrument :

BNA_G

ClientSampled :

PB118289BL

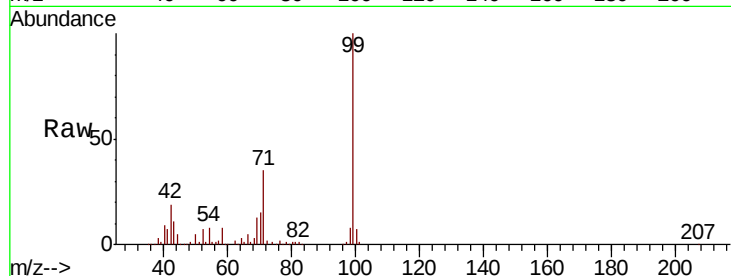
Tot Ion: 99 Resp: 341690

Ion Ratio Lower Upper

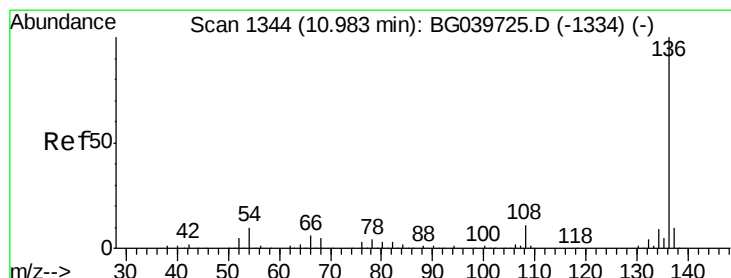
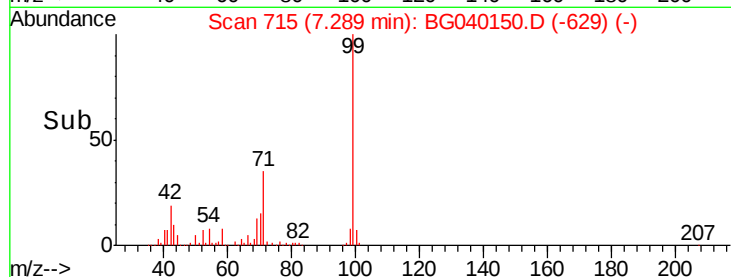
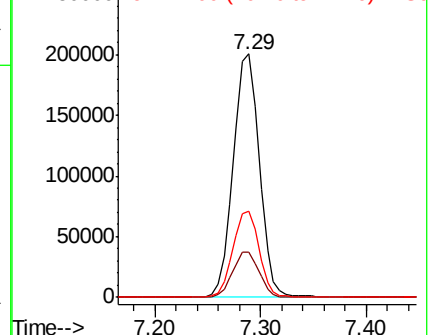
99 100

42 18.6 18.2 27.2

71 35.3 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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040150.D

Acq: 26 Mar 2019 16:56

Tgt Ion: 136 Resp: 142029

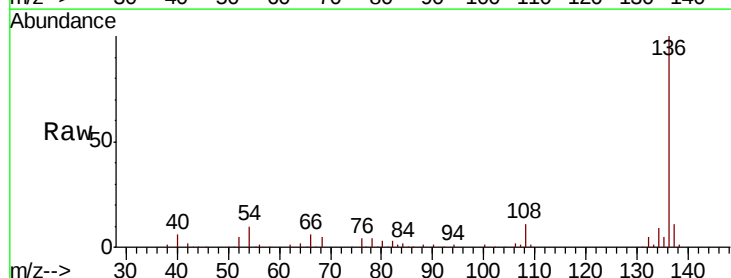
Ion Ratio Lower Upper

136 100

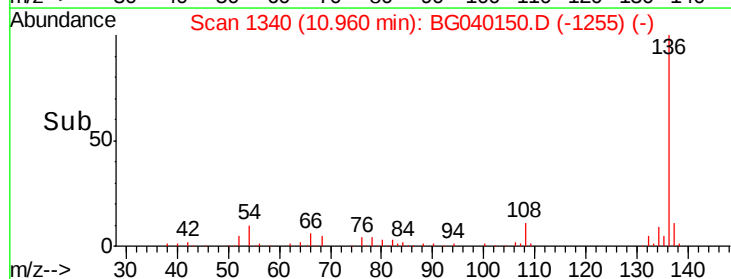
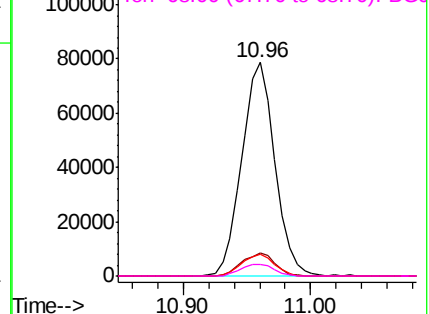
137 10.8 9.1 13.7

54 10.3 9.4 14.2

68 5.1 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

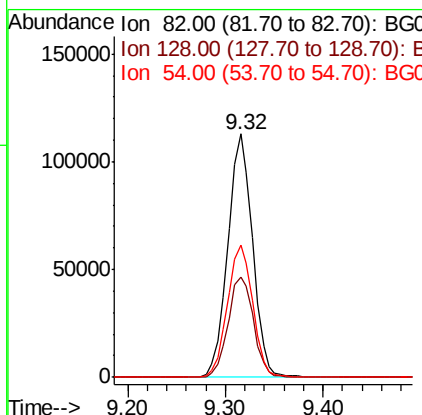
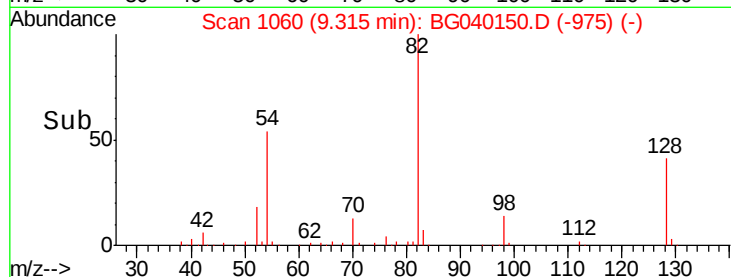
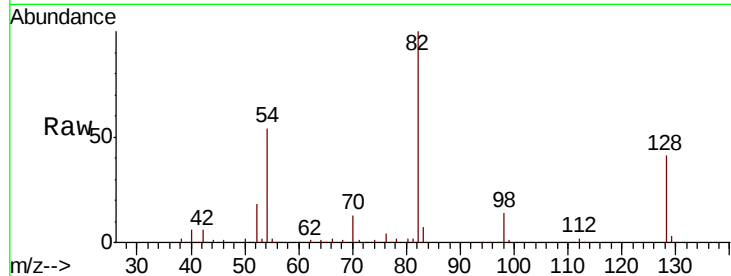




#23
 Nitrobenzene-d5
 Concen: 75.774 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040150.D
 Acq: 26 Mar 2019 16:56

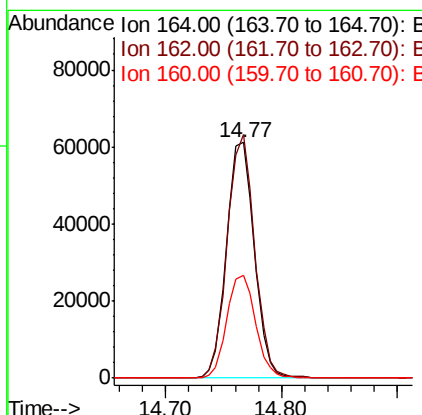
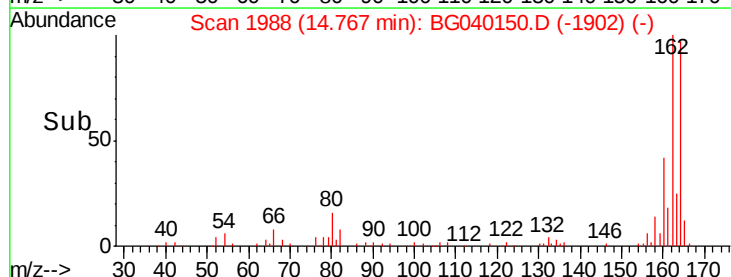
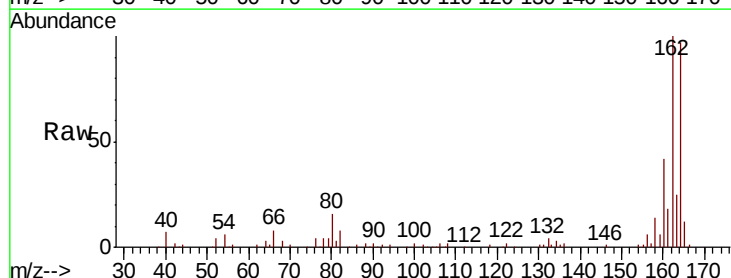
Instrument :
 BNA_G
 ClientSampleId :
 PB118289BL

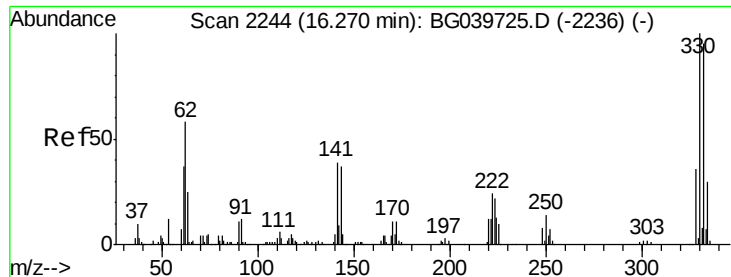
Tot Ion	82	Resp	198989
Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.3	46.9
54	54.4	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040150.D
 Acq: 26 Mar 2019 16:56

Tgt Ion	164	Resp	102765
Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.6	122.4
160	43.8	34.2	51.2

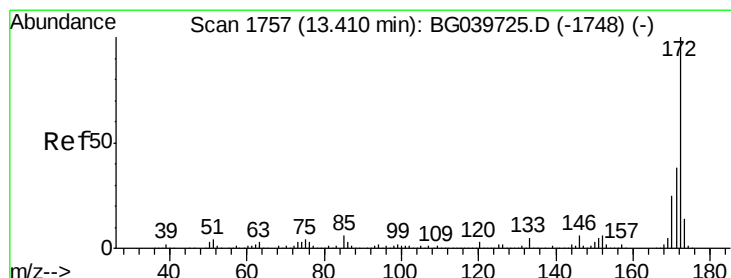
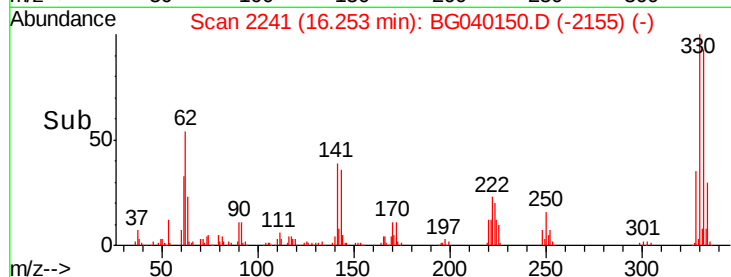
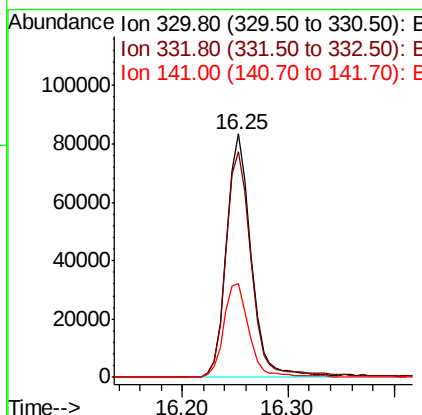
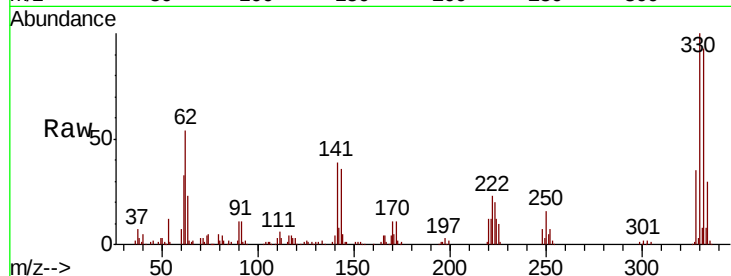




#42
 2,4,6-Tribromophenol
 Concen: 112.383 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040150.D
 Acq: 26 Mar 2019 16:56

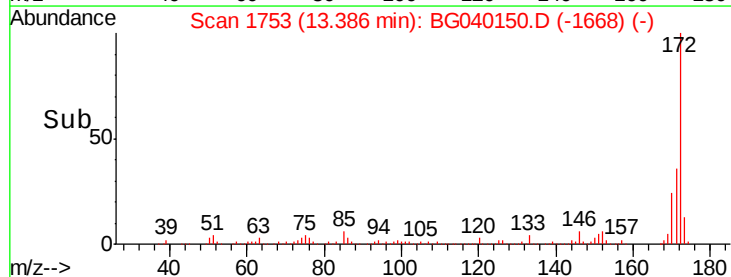
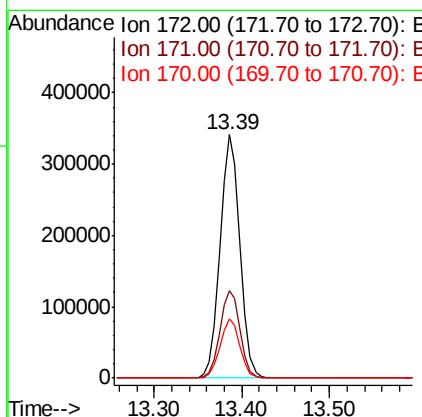
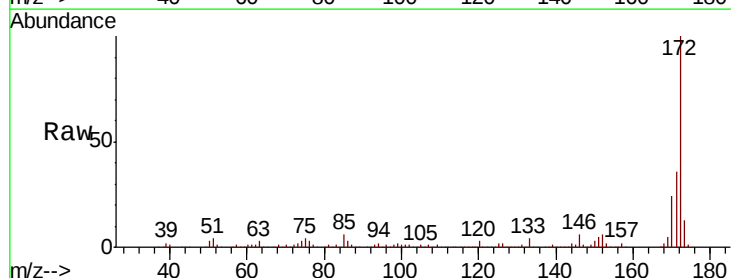
Instrument :
 BNA_G
 ClientSampleId :
 PB118289BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.7	113.5
141	40.3	35.6	53.4



#45
 2-Fluorobiphenyl
 Concen: 73.971 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040150.D
 Acq: 26 Mar 2019 16:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.8	46.2
170	24.1	20.2	30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040150.D

Acq: 26 Mar 2019 16:56

Instrument :

BNA_G

ClientSampleId :

PB118289BL

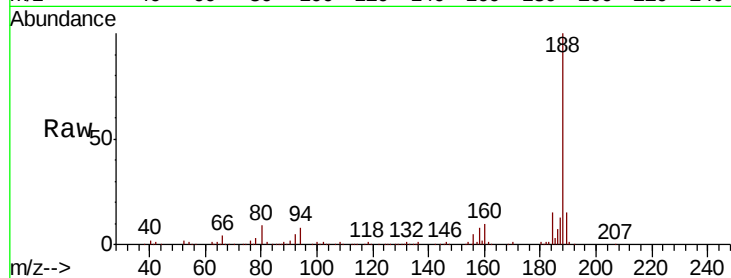
Tot Ion:188 Resp: 268493

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

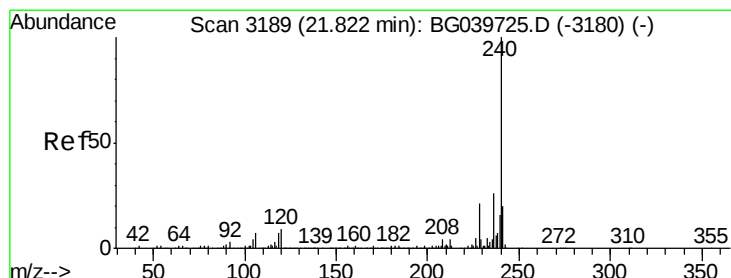
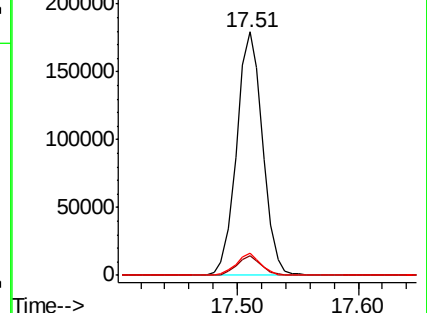
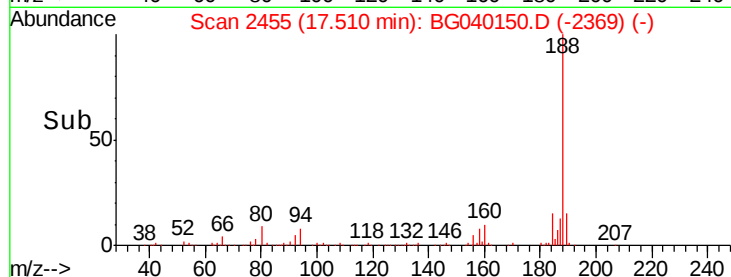
80 9.0 8.1 12.1



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: 21.79 min Scan# 3184

Delta R.T. -0.04 min

Lab File: BG040150.D

Acq: 26 Mar 2019 16:56

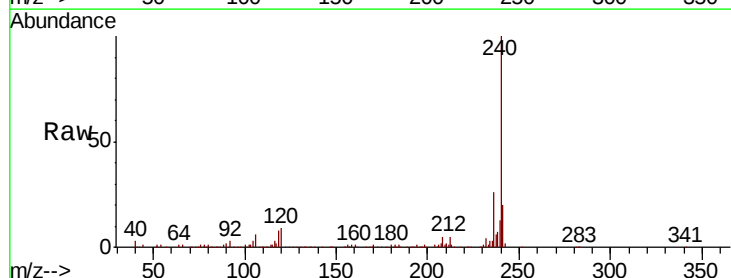
Tgt Ion:240 Resp: 276505

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

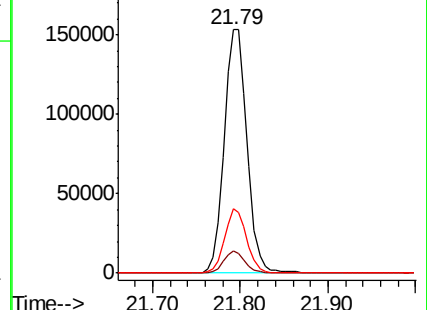
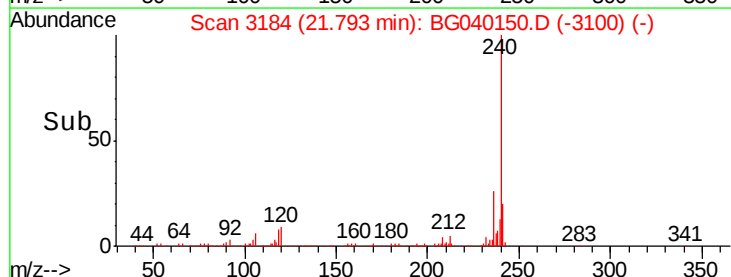
236 26.5 21.0 31.4

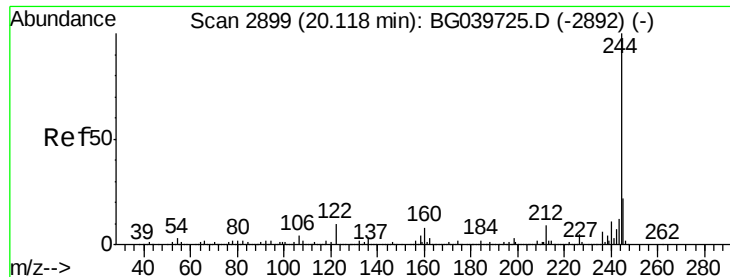


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.659 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040150.D

Acq: 26 Mar 2019 16:56

Instrument :

BNA_G

ClientSampleId :

PB118289BL

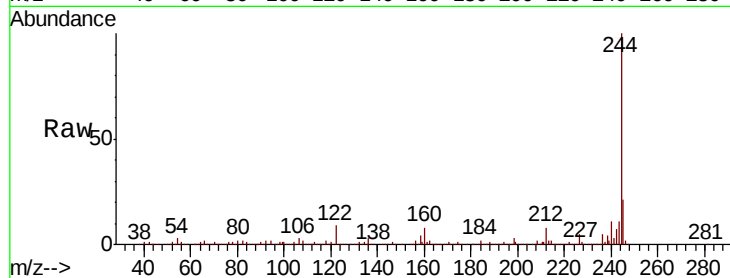
Tot Ion:244 Resp: 937579

Ion Ratio Lower Upper

244 100

212 8.5 7.3 10.9

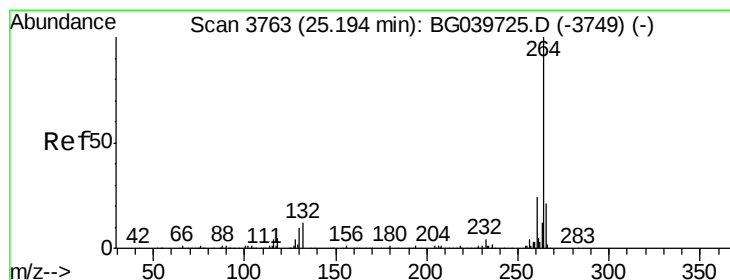
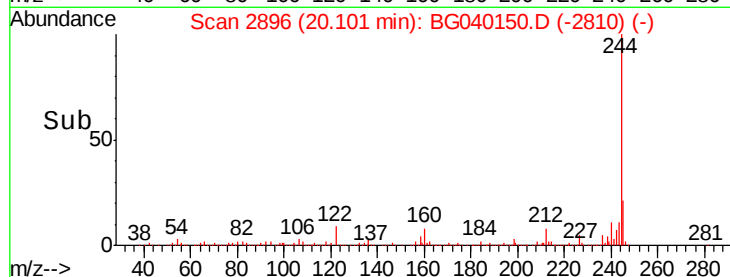
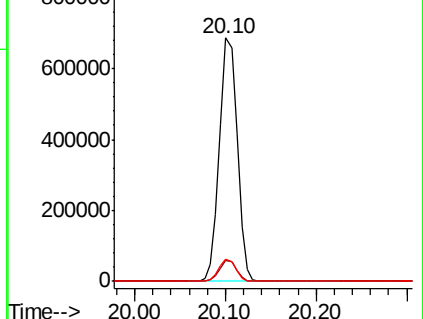
122 9.0 8.4 12.6



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: BG040150.D

Acq: 26 Mar 2019 16:56

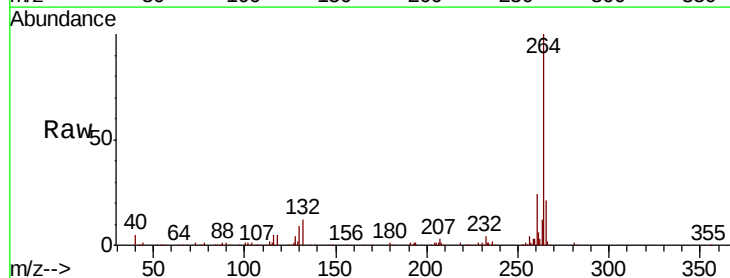
Tgt Ion:264 Resp: 269512

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 20.8 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

