

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
 Data File : BG039829.D
 Acq On : 8 Mar 2019 20:13
 Operator : JU/SJ
 Sample : K1783-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-3

Quant Time: Mar 09 00:37:16 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	8.15	152	40151	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	177193	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	126278	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	310607	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	315835	20.00	ng	-0.02
87) Perylene-d12	25.18	264	311970	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	143957	61.17	ng	-0.01
7) Phenol-d6	7.30	99	130750	37.26	ng	-0.02
23) Nitrobenzene-d5	9.33	82	315590	96.33	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	204696	139.07	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	803904	90.64	ng	-0.01
79) Terphenyl-d14	20.11	244	1279538	89.20	ng	-0.01

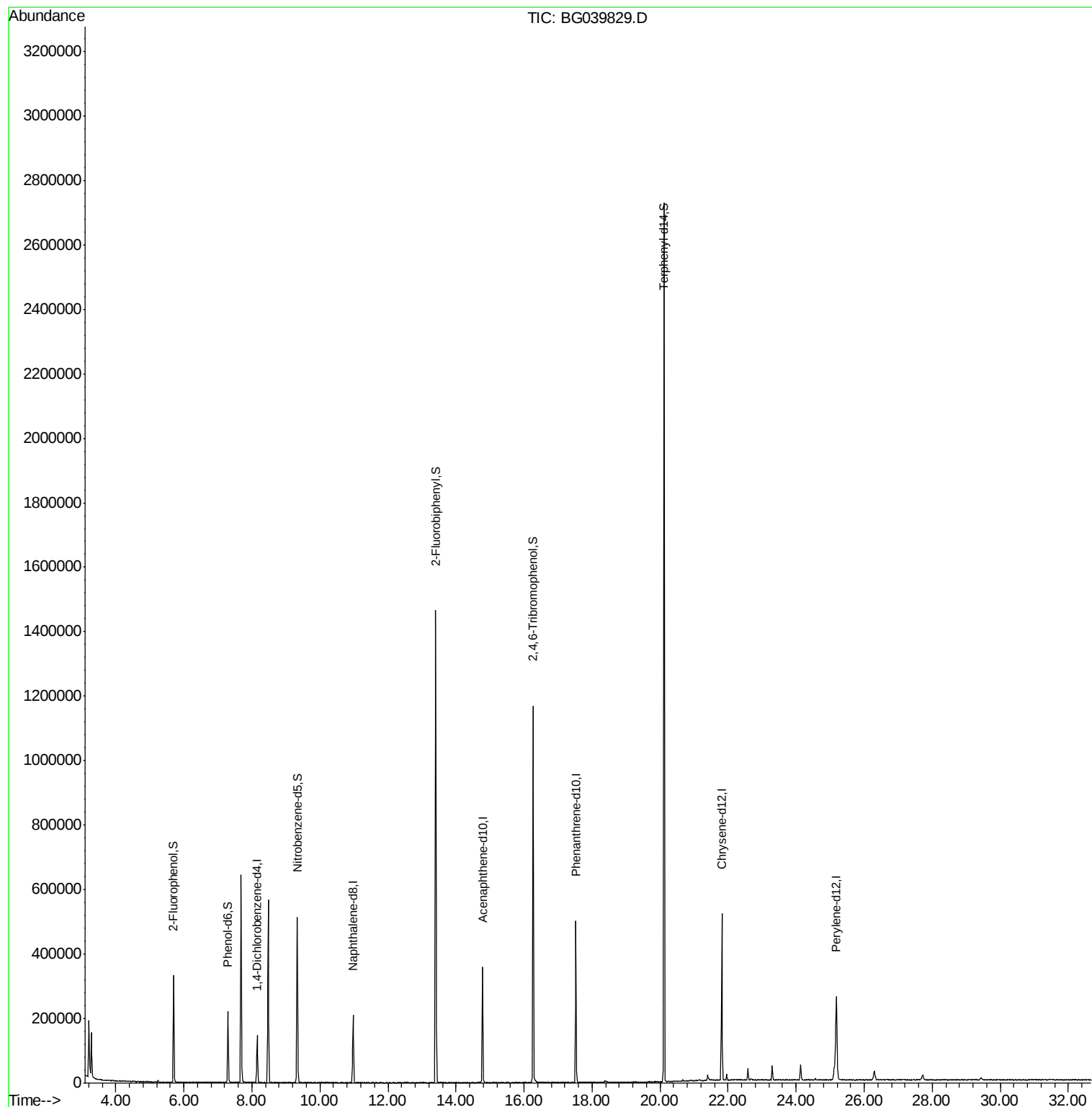
Target Compounds	Qvalue
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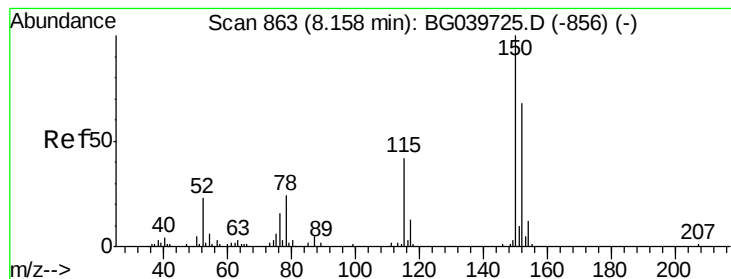
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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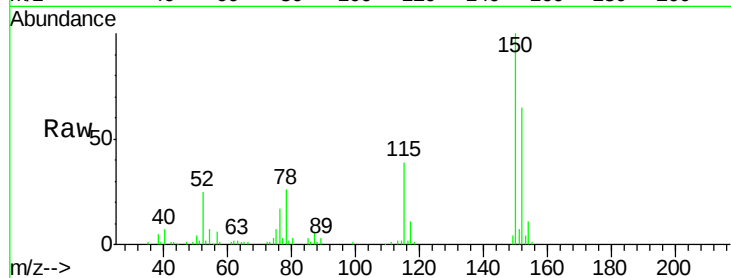


#1

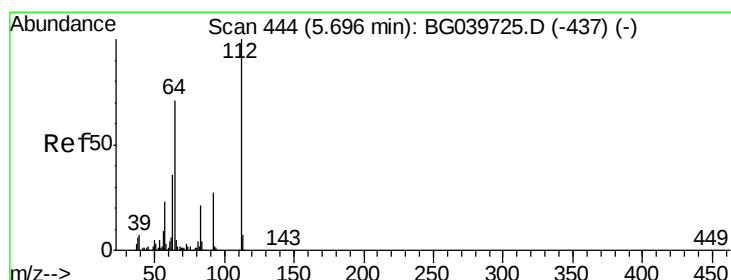
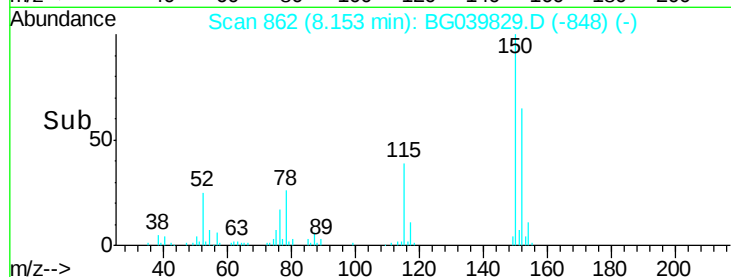
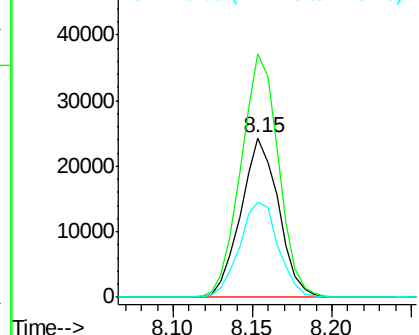
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039829.D
Acq: 8 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
SW-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.7	185.5
115	59.3	45.9	68.9



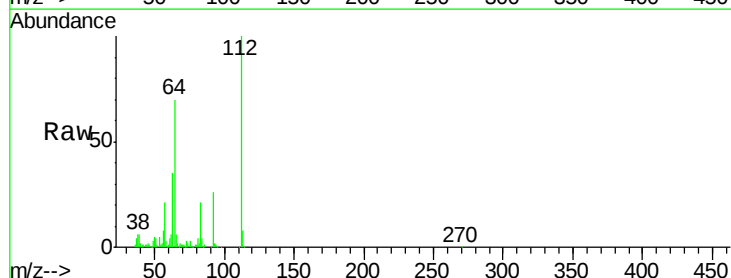
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



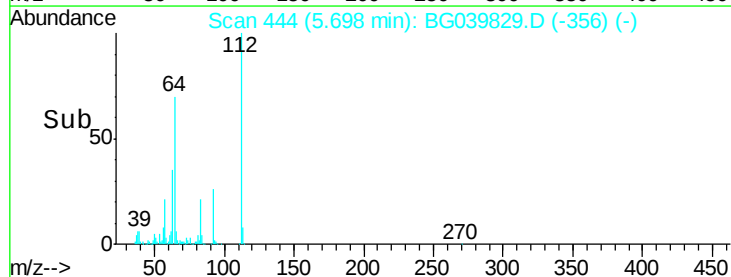
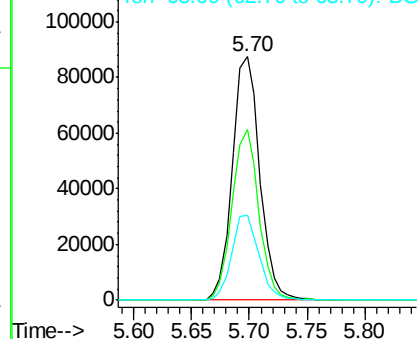
#5

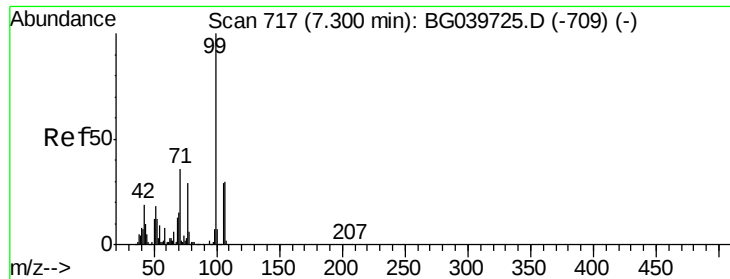
2-Fluorophenol
Concen: 61.167 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039829.D
Acq: 8 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	57.8	86.8
63	34.9	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: 37.259 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039829.D

Acq: 8 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

SW-3

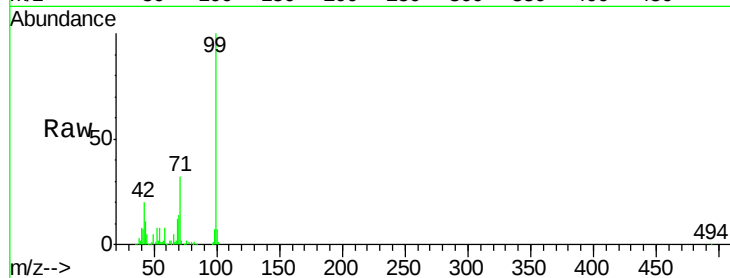
Tgt Ion: 99 Resp: 130750

Ion Ratio Lower Upper

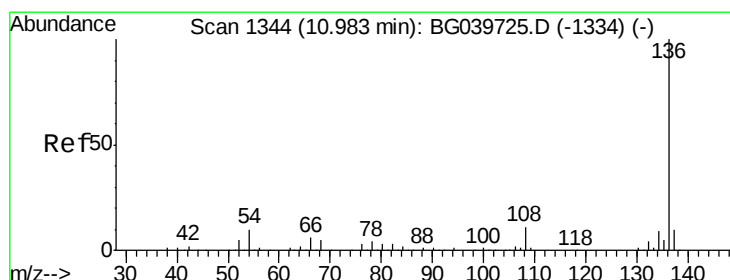
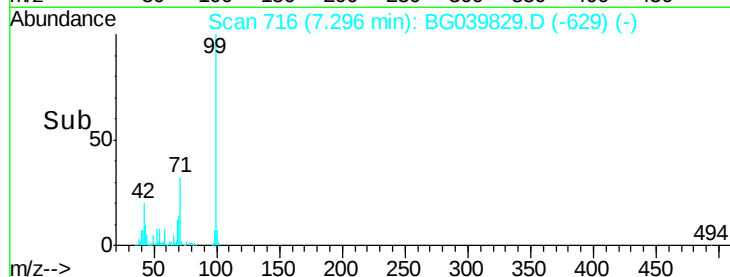
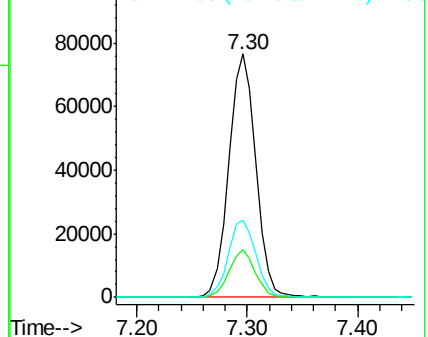
99 100

42 19.5 18.2 27.2

71 31.9 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: 10.97 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BG039829.D

Acq: 8 Mar 2019 20:13

Tgt Ion: 136 Resp: 177193

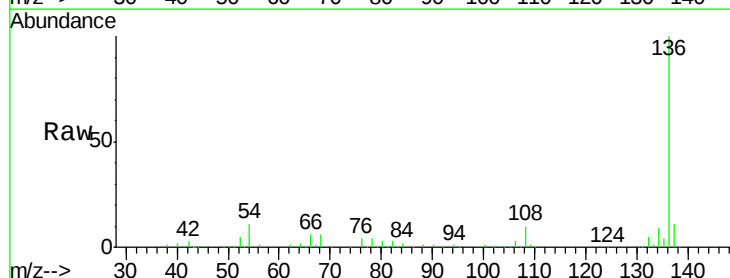
Ion Ratio Lower Upper

136 100

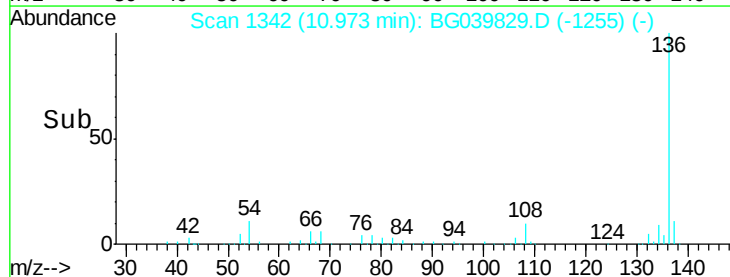
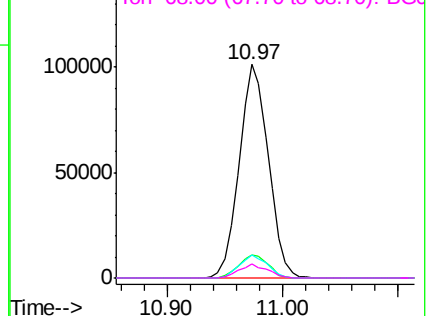
137 10.5 9.1 13.7

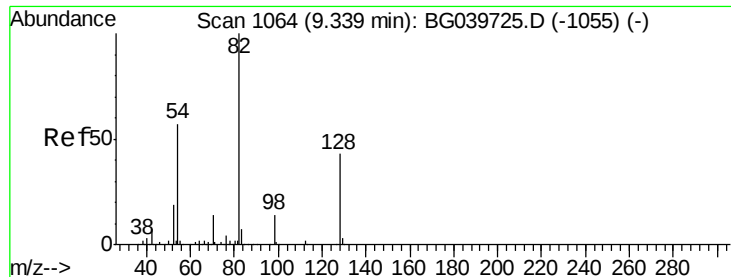
54 10.8 9.4 14.2

68 6.3 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

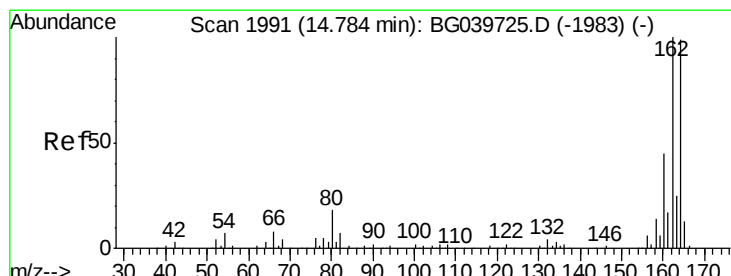
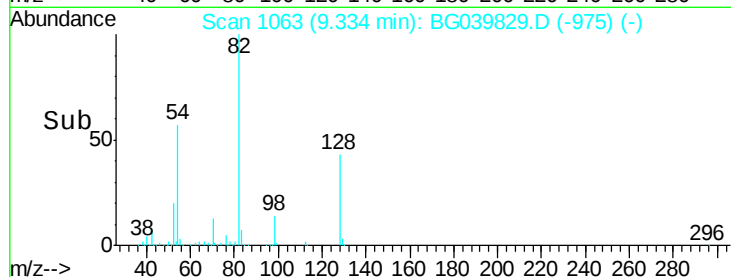
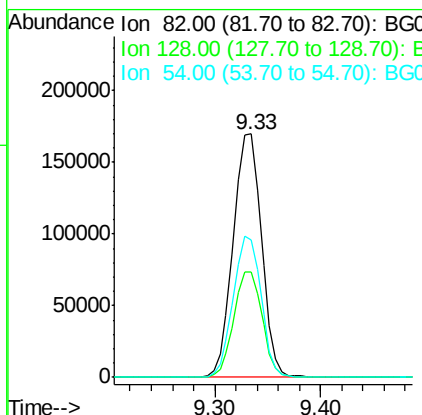
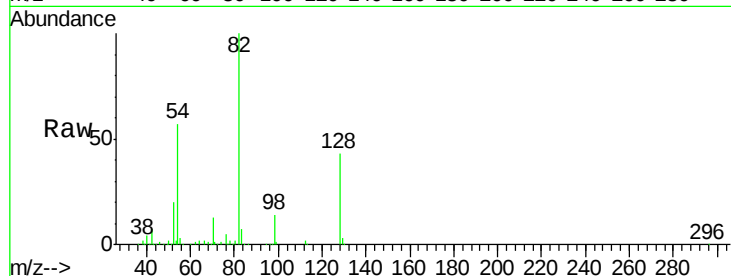




#23
 Nitrobenzene-d5
 Concen: 96.327 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039829.D
 Acq: 8 Mar 2019 20:13

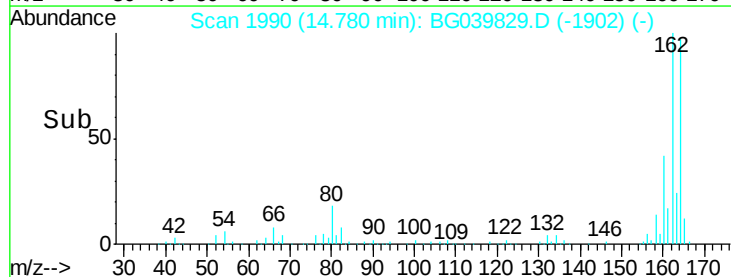
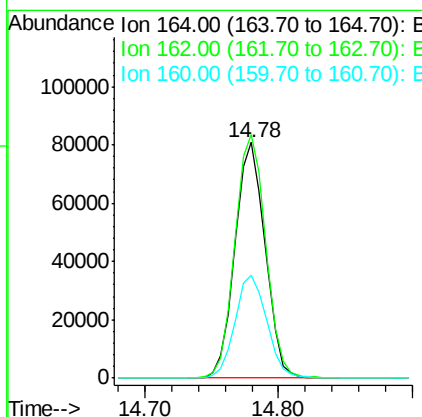
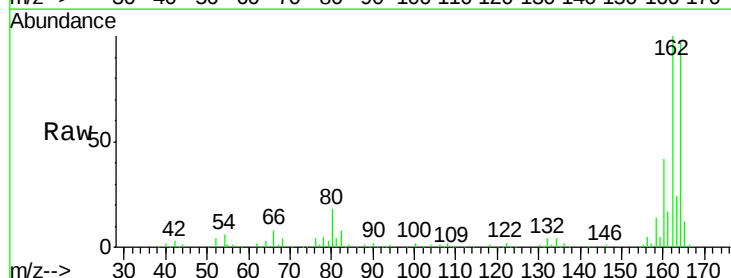
Instrument :
 BNA_G
 ClientSampleId :
 SW-3

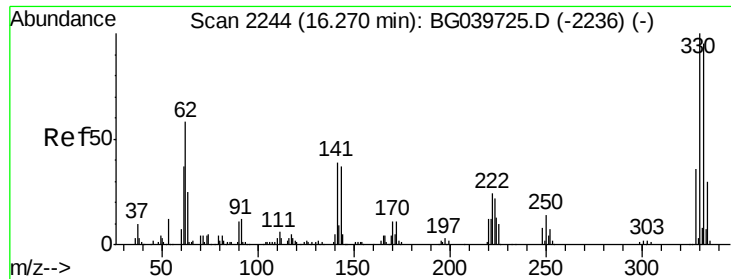
Tgt Ion: 82 Resp: 31590
 Ion Ratio Lower Upper
 82 100
 128 43.5 31.3 46.9
 54 56.7 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039829.D
 Acq: 8 Mar 2019 20:13

Tgt Ion: 164 Resp: 126278
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.6 122.4
 160 43.6 34.2 51.2

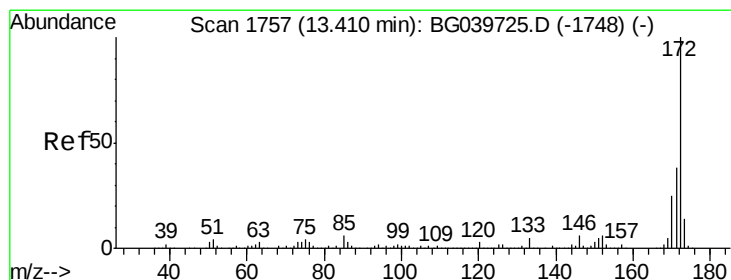
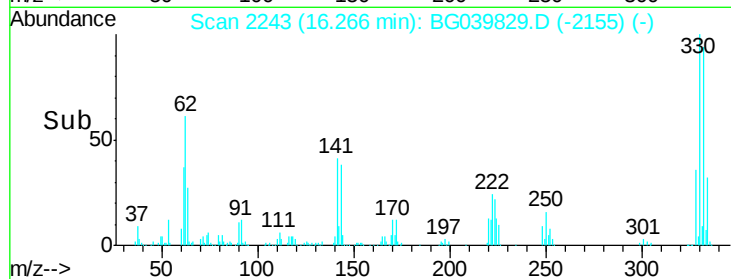
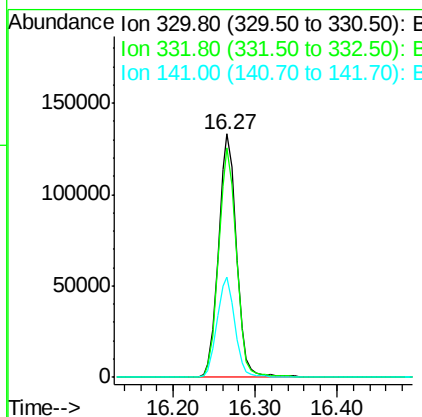
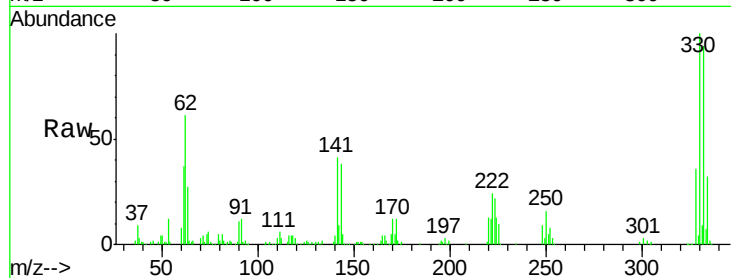




#42
 2,4,6-Tribromophenol
 Concen: 139.073 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039829.D
 Acq: 8 Mar 2019 20:13

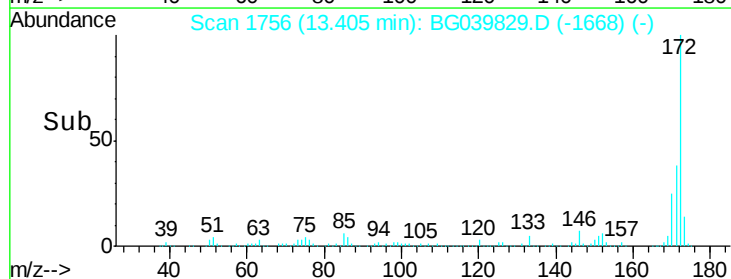
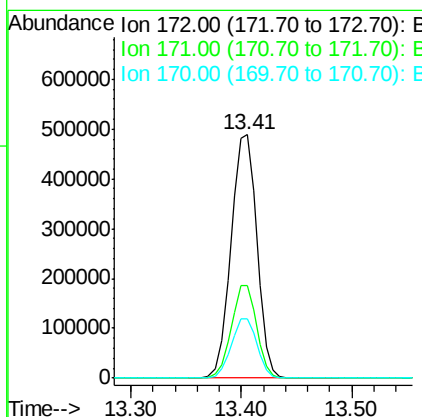
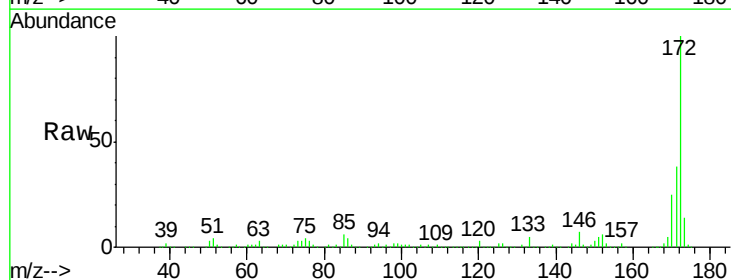
Instrument :
 BNA_G
 ClientSampleId :
 SW-3

Tgt Ion:330 Resp: 204696
 Ion Ratio Lower Upper
 330 100
 332 93.7 75.7 113.5
 141 41.0 35.6 53.4



#45
 2-Fluorobiphenyl
 Concen: 90.643 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039829.D
 Acq: 8 Mar 2019 20:13

Tgt Ion:172 Resp: 803904
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 24.6 20.2 30.4

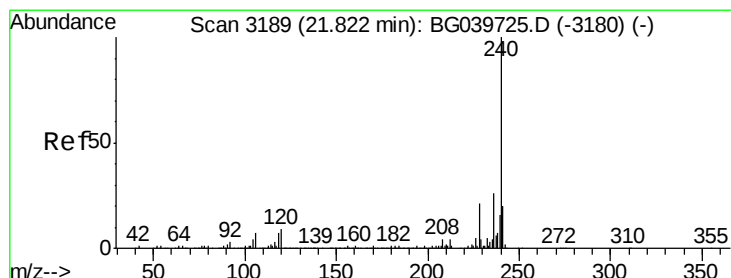
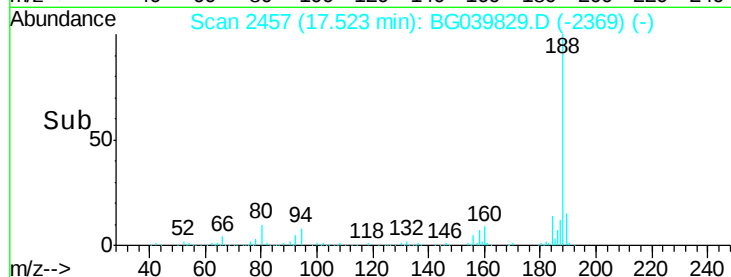
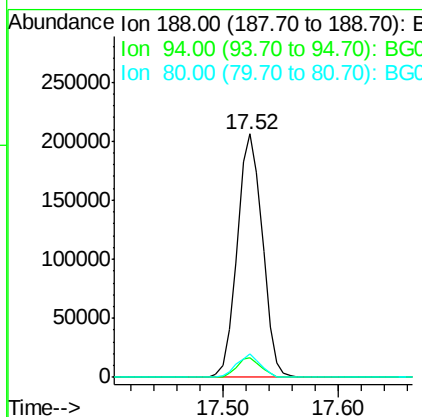
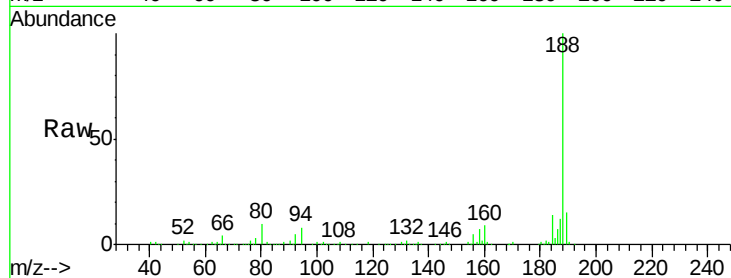




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039829.D
 Acq: 8 Mar 2019 20:13

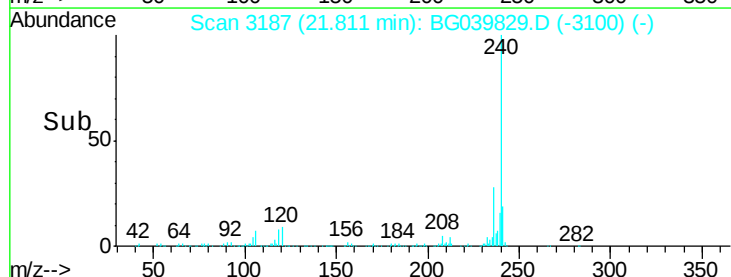
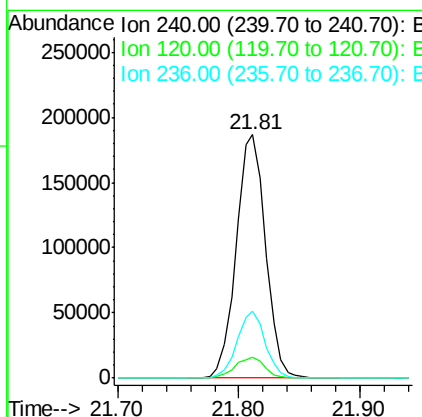
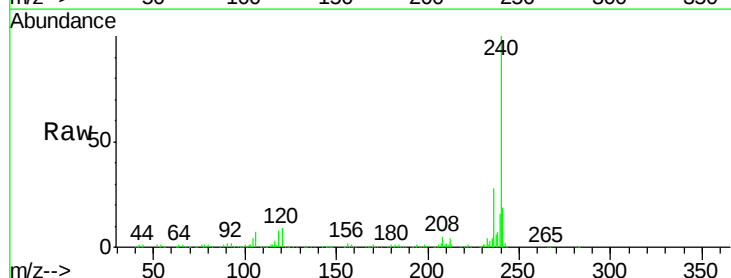
Instrument :
 BNA_G
 ClientSampled :
 SW-3

Tgt Ion:188 Resp: 310607
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.9 10.3
 80 9.6 8.1 12.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.02 min
 Lab File: BG039829.D
 Acq: 8 Mar 2019 20:13

Tgt Ion:240 Resp: 315835
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.0 10.6
 236 27.5 21.0 31.4





#79

Terphenyl-d14

Concen: 89.201 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039829.D

Acq: 8 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

SW-3

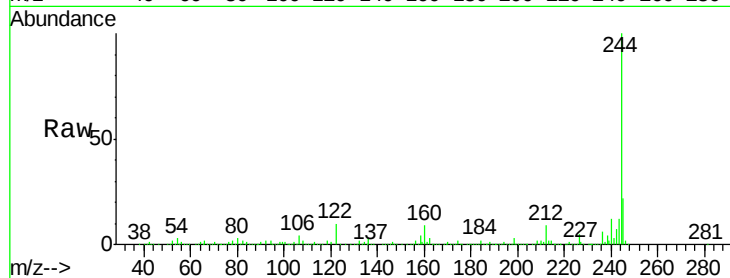
Tgt Ion:244 Resp: 1279538

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

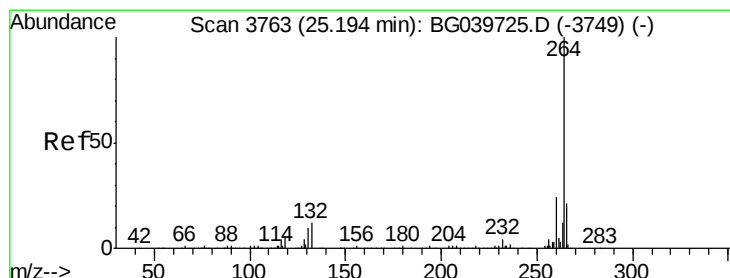
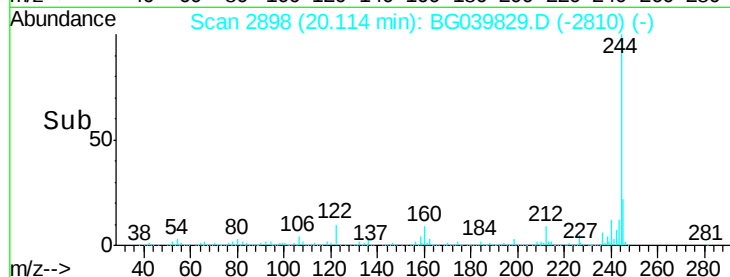
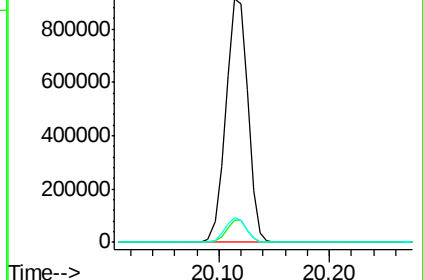
122 10.3 8.4 12.6



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: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039829.D

Acq: 8 Mar 2019 20:13

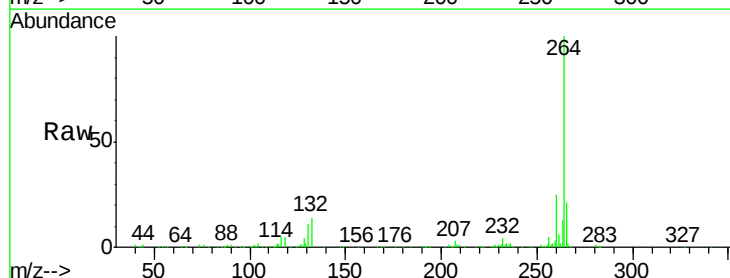
Tgt Ion:264 Resp: 311970

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

265 20.7 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

