

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039982.D
 Acq On : 18 Mar 2019 23:13
 Operator : JU/SJ
 Sample : K1932-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-2

Quant Time: Mar 19 08:18:59 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	45177	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	184975	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	115702	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	258132	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	265638	20.00	ng	-0.02
87) Perylene-d12	25.17	264	271749	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	177639	67.08	ng	-0.02
7) Phenol-d6	7.29	99	159854	40.48	ng	-0.02
23) Nitrobenzene-d5	9.32	82	342897	100.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	184825	137.05	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	782880	96.34	ng	-0.02
79) Terphenyl-d14	20.11	244	1088031	90.18	ng	-0.02

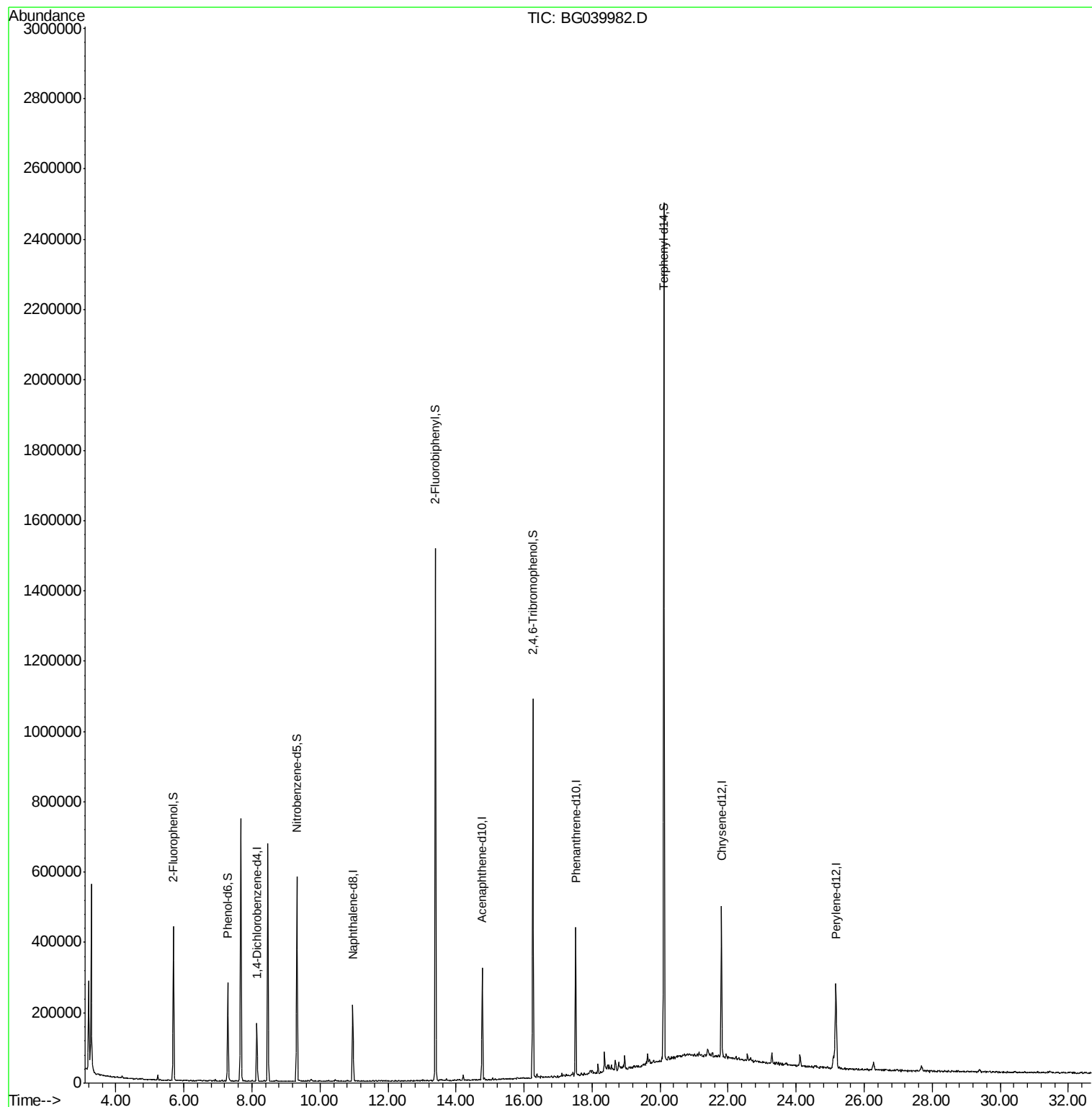
Target Compounds Qvalue

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

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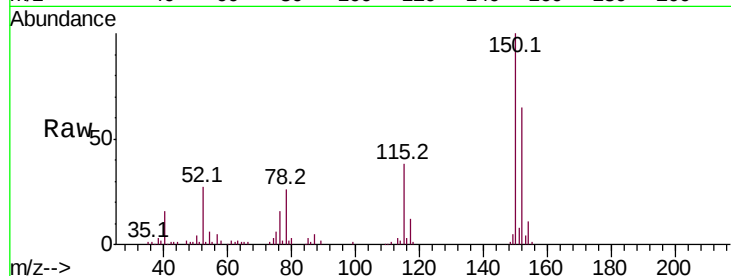


#1

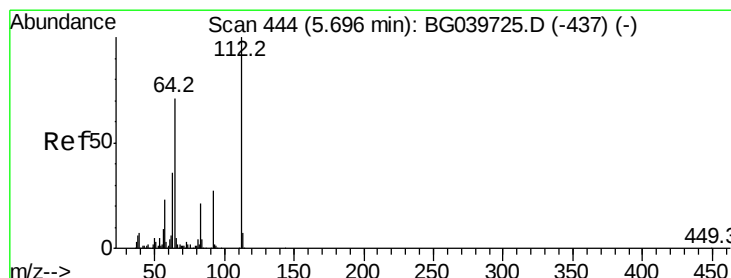
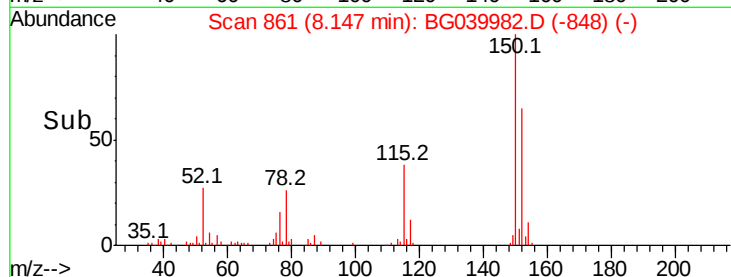
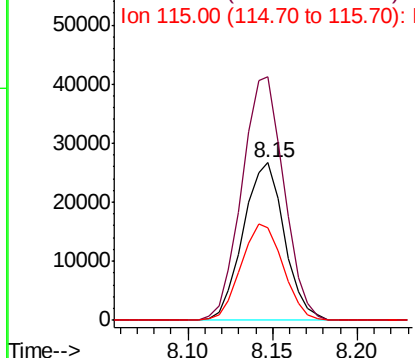
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039982.D
Acq: 18 Mar 2019 23:13

Instrument :
BNA_G
ClientSampled :
TW-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.7	185.5
115	58.4	45.9	68.9



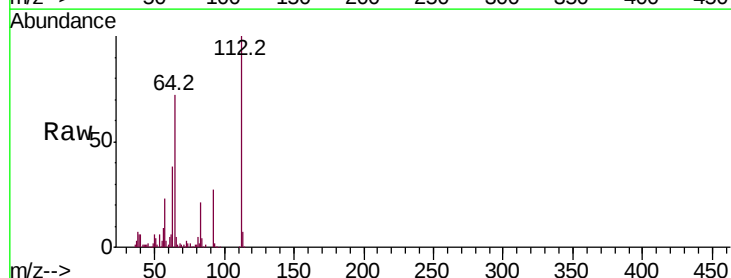
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



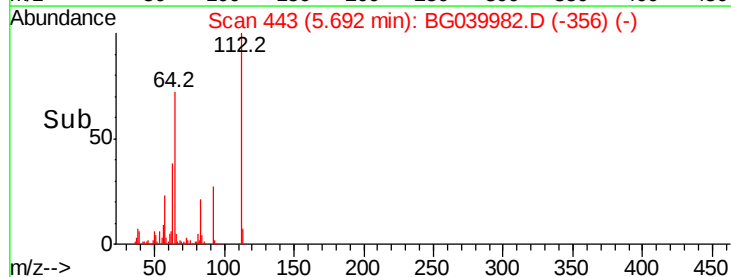
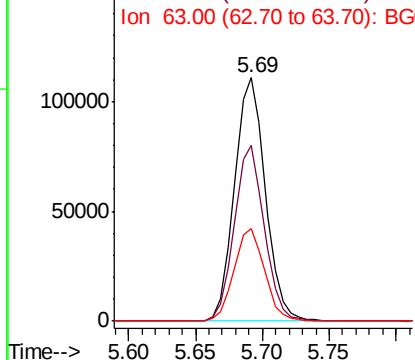
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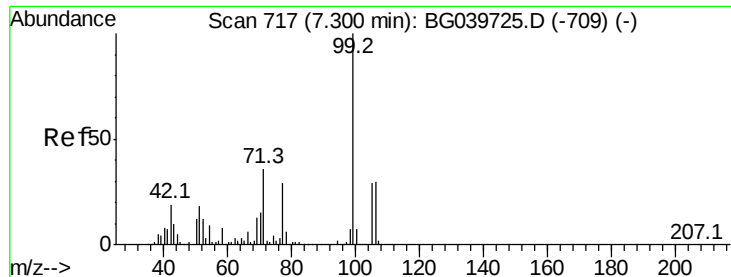
2-Fluorophenol
Concen: 67.081 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039982.D
Acq: 18 Mar 2019 23:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.8	86.8
63	38.2	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: 40.485 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039982.D

Acq: 18 Mar 2019 23:13

Instrument :

BNA_G

ClientSampleId :

TW-2

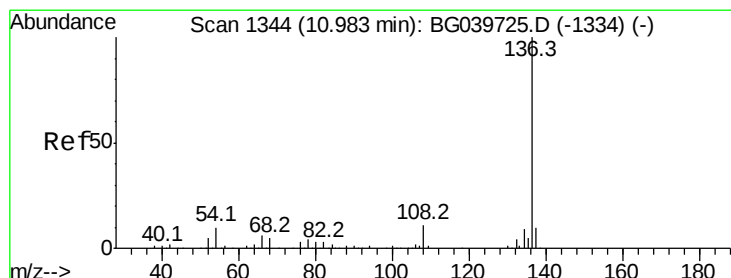
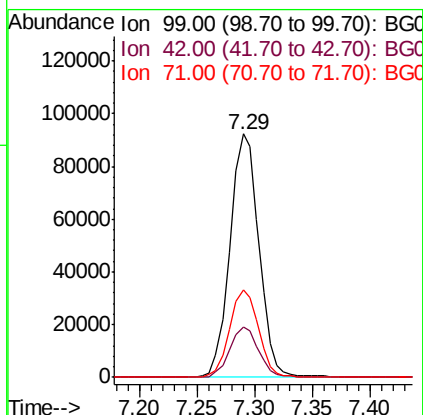
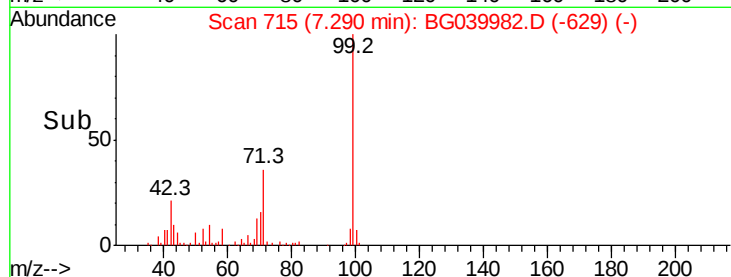
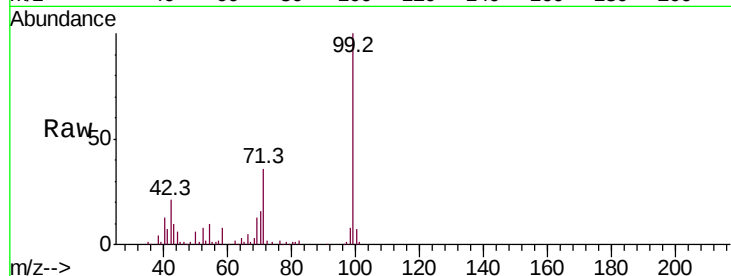
Tot Ion: 99 Resp: 159854

Ion Ratio Lower Upper

99 100

42 20.9 18.2 27.2

71 36.2 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039982.D

Acq: 18 Mar 2019 23:13

Tgt Ion: 136 Resp: 184975

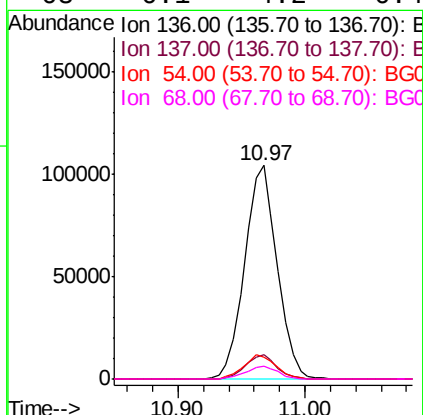
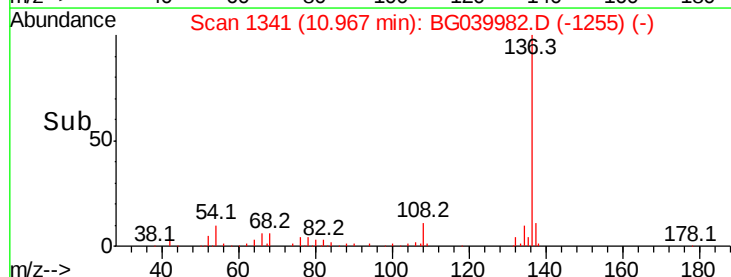
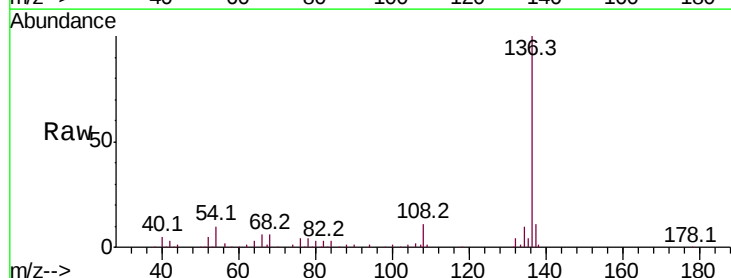
Ion Ratio Lower Upper

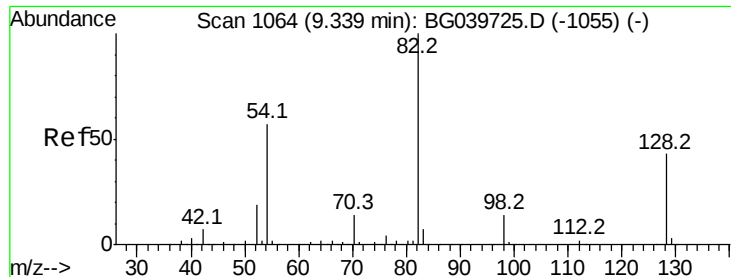
136 100

137 11.4 9.1 13.7

54 9.9 9.4 14.2

68 6.1 4.2 6.4

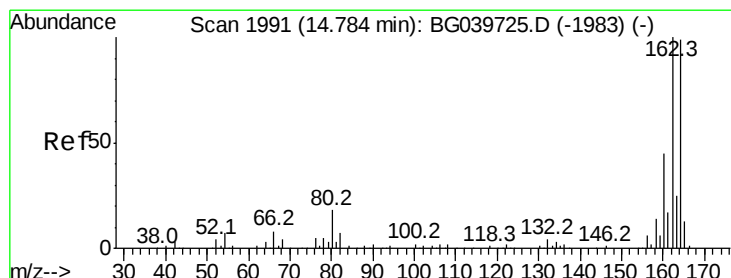
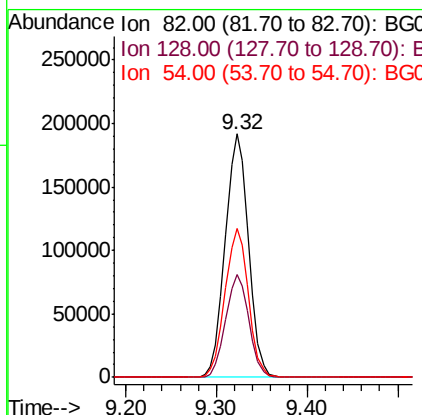
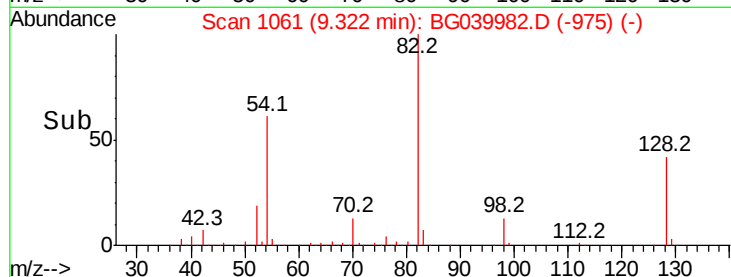
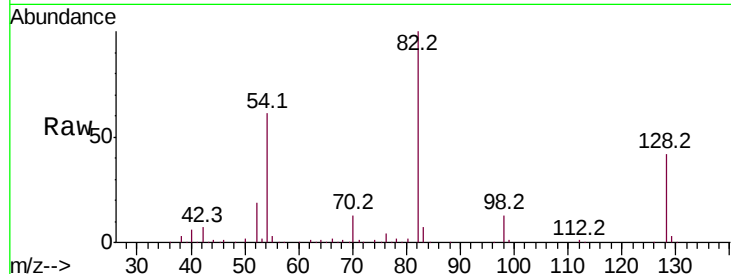




#23
Nitrobenzene-d5
Concen: 100.258 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039982.D
Acq: 18 Mar 2019 23:13

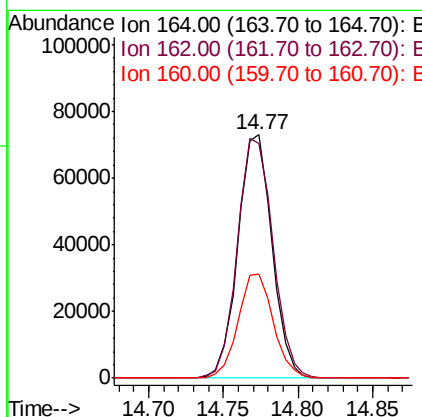
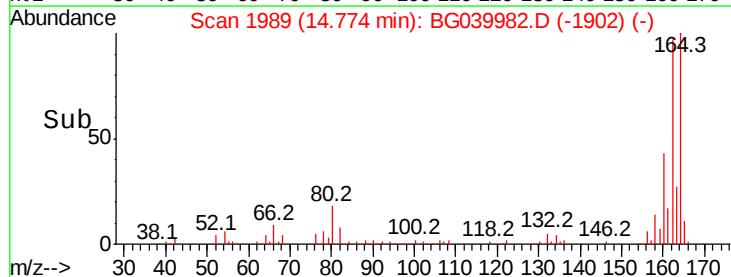
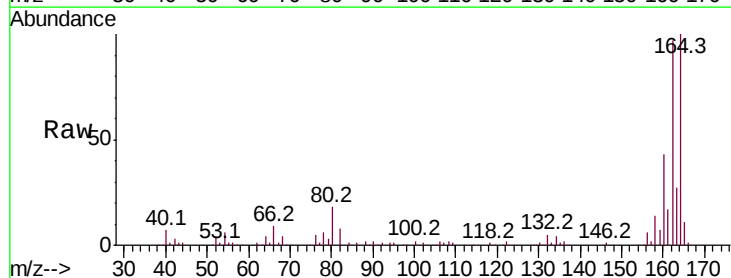
Instrument :
BNA_G
ClientSampled :
TW-2

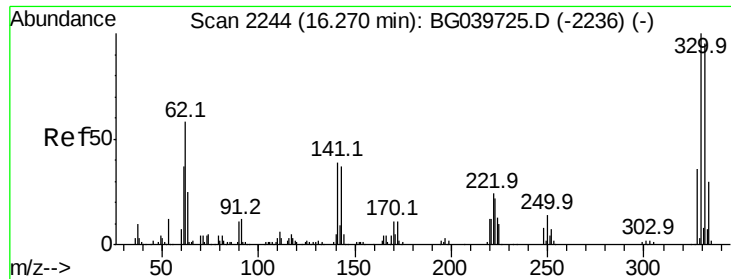
Tot Ion	82	Resp	342897
Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.3	46.9
54	61.2	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039982.D
Acq: 18 Mar 2019 23:13

Tgt Ion	164	Resp	115702
Ion	Ratio	Lower	Upper
164	100		
162	96.6	81.6	122.4
160	42.7	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 137.050 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039982.D

Acq: 18 Mar 2019 23:13

Instrument :

BNA_G

ClientSampleId :

TW-2

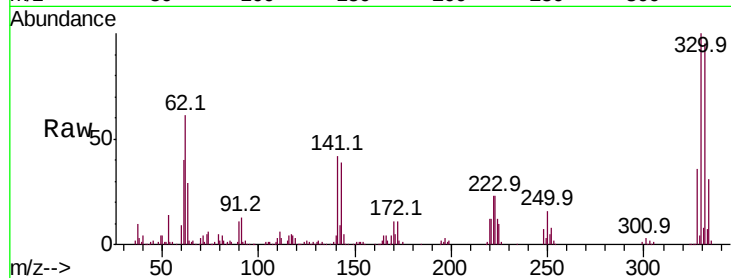
Tot Ion:330 Resp: 184825

Ion Ratio Lower Upper

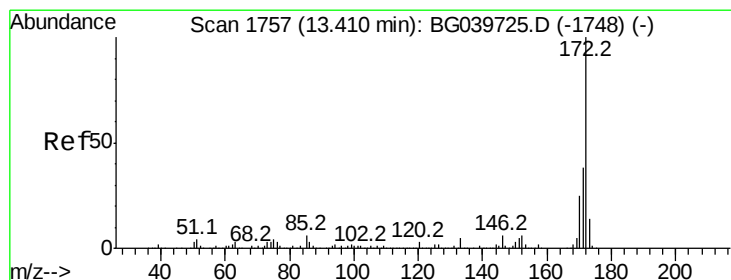
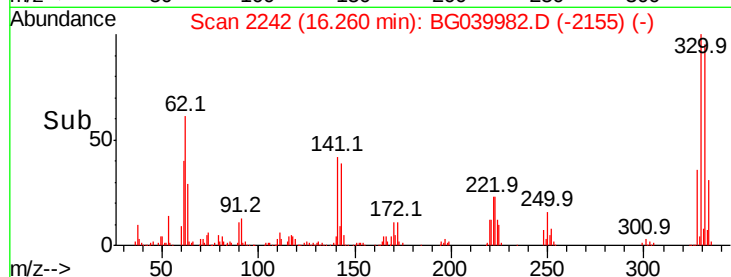
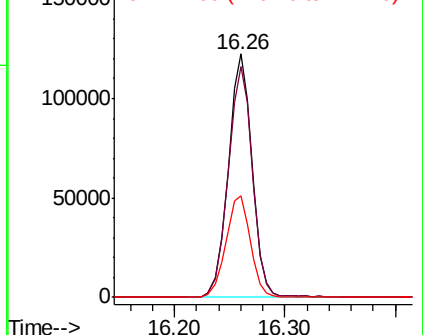
330 100

332 96.3 75.7 113.5

141 42.9 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: 96.341 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG039982.D

Acq: 18 Mar 2019 23:13

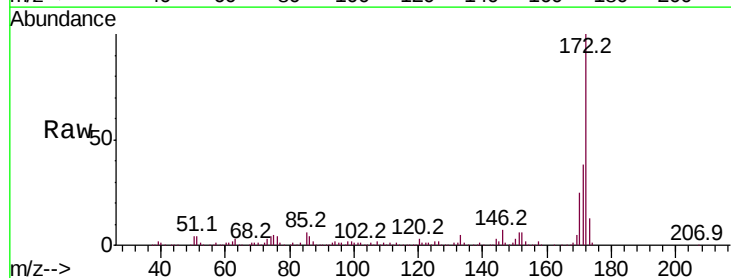
Tgt Ion:172 Resp: 782880

Ion Ratio Lower Upper

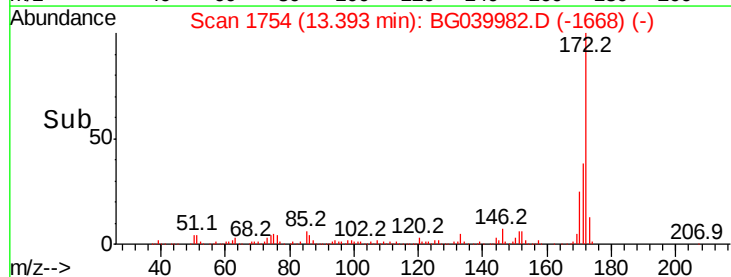
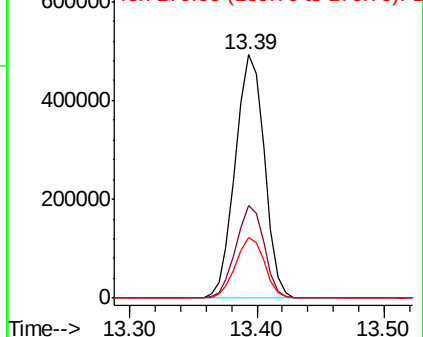
172 100

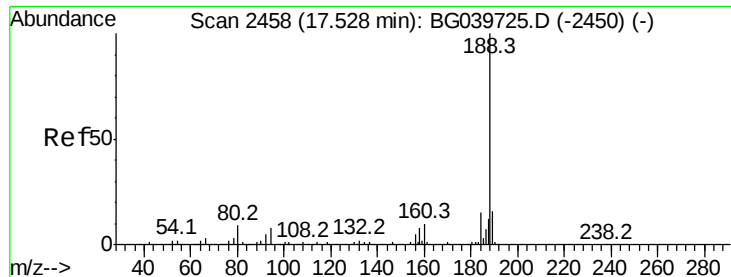
171 38.2 30.8 46.2

170 24.9 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

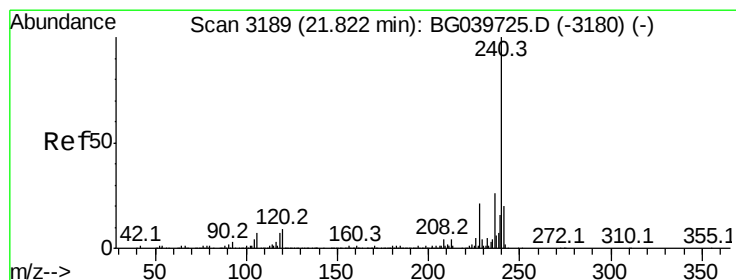
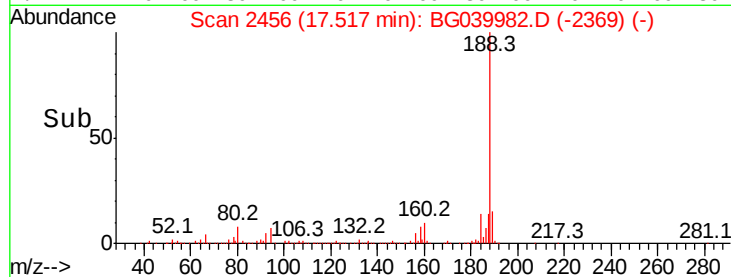
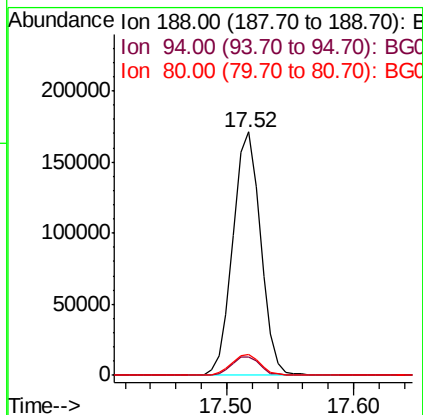
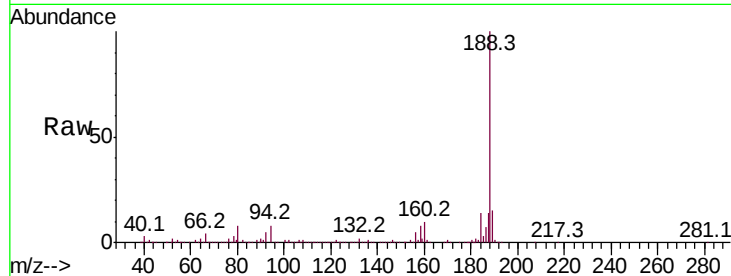




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039982.D
Acq: 18 Mar 2019 23:13

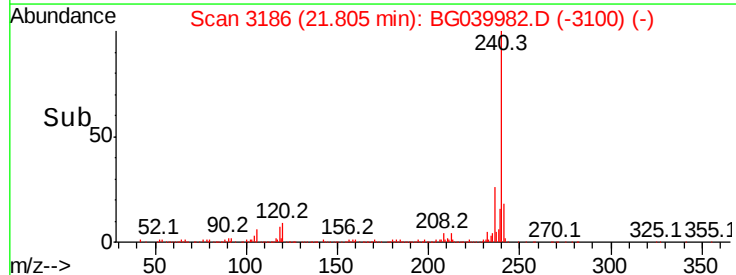
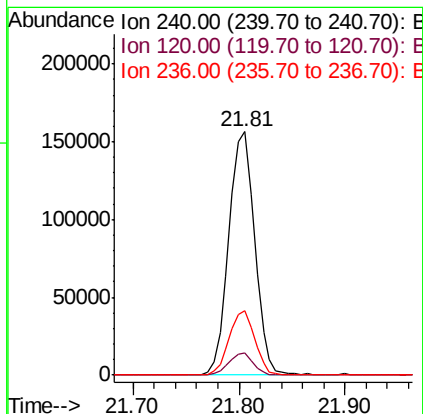
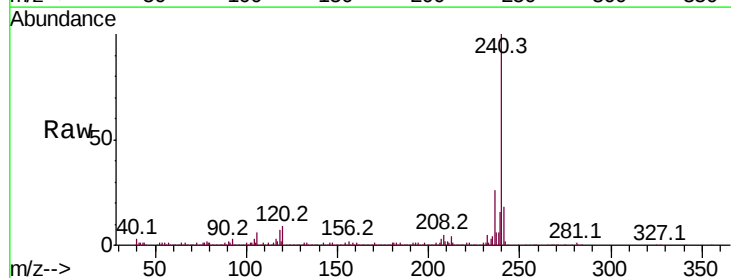
Instrument :
BNA_G
ClientSampleId :
TW-2

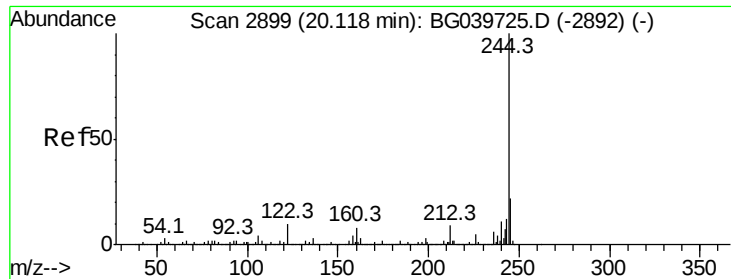
Tot Ion:188 Resp: 258132
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039982.D
Acq: 18 Mar 2019 23:13

Tgt Ion:240 Resp: 265638
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 26.3 21.0 31.4





#79

Terphenyl-d14

Concen: 90.184 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039982.D

Acq: 18 Mar 2019 23:13

Instrument :

BNA_G

ClientSampleId :

TW-2

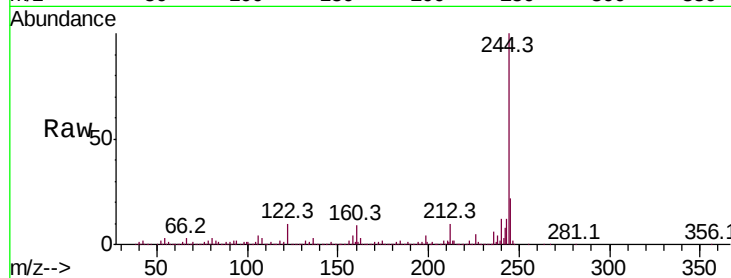
Tot Ion:244 Resp: 1088031

Ion Ratio Lower Upper

244 100

212 10.2 7.3 10.9

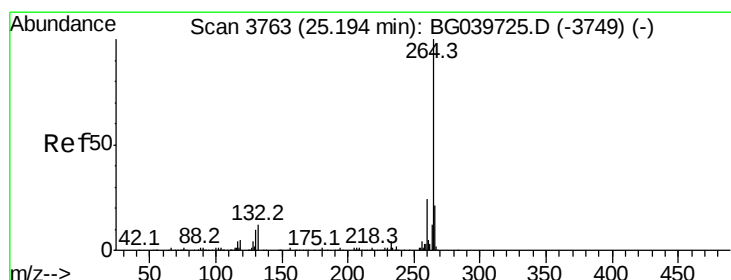
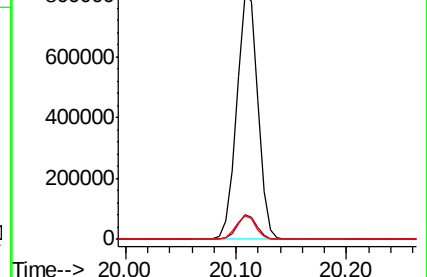
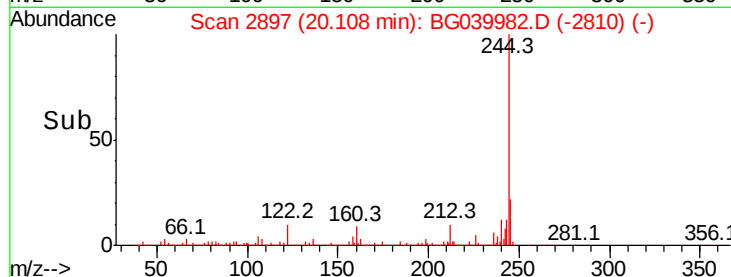
122 9.7 8.4 12.6



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: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039982.D

Acq: 18 Mar 2019 23:13

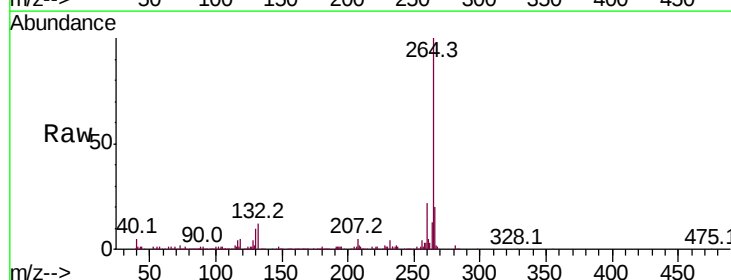
Tgt Ion:264 Resp: 271749

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.4

265 20.4 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

