

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039856.D
 Acq On : 12 Mar 2019 1:43
 Operator : JU/SJ
 Sample : K1692-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-030819

Quant Time: Mar 12 04:15:27 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	43143	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	175192	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	122692	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	322219	20.00	ng	0.00
76) Chrysene-d12	21.81	240	353846	20.00	ng	-0.02
87) Perylene-d12	25.18	264	341981	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	279765	110.63	ng	0.00
7) Phenol-d6	7.30	99	354919	94.13	ng	-0.02
23) Nitrobenzene-d5	9.33	82	278381	85.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	183239	128.13	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	697418	80.93	ng	-0.02
79) Terphenyl-d14	20.12	244	1259380	78.36	ng	0.00

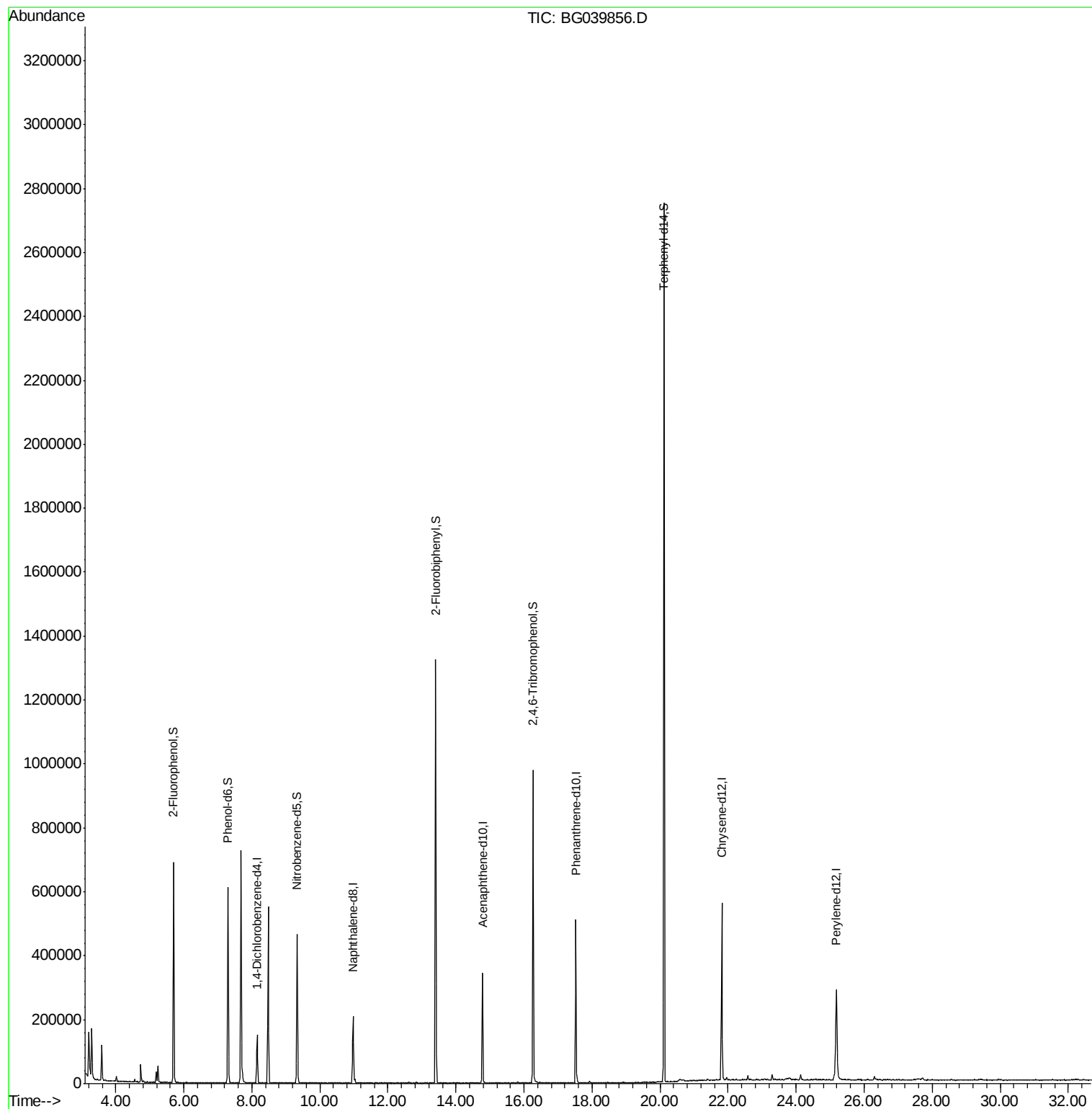
Target Compounds Qvalue

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

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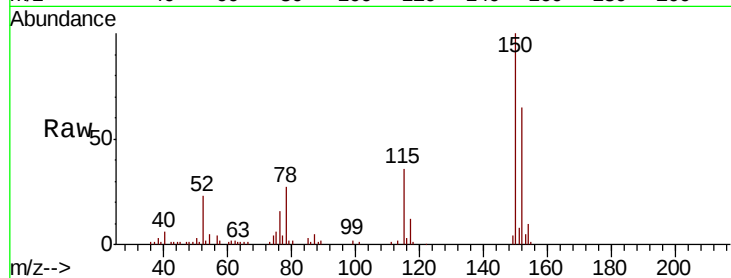


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039856.D
Acq: 12 Mar 2019 1:43

Instrument :
BNA_G
ClientSampleId :
OK-01-030819

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.7	185.5
115	54.5	45.9	68.9

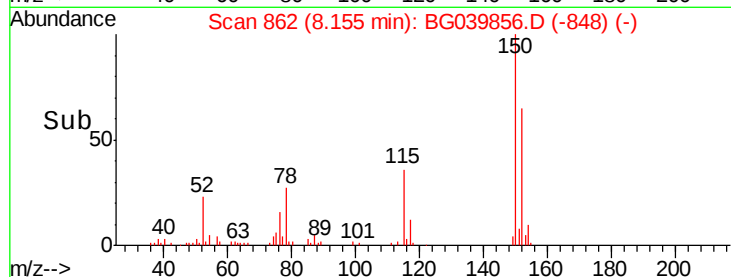
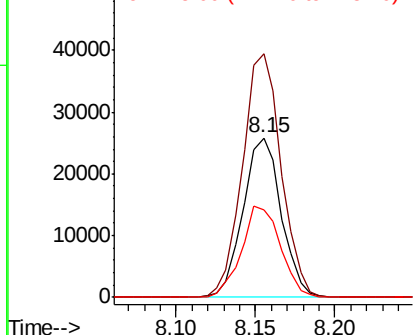


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

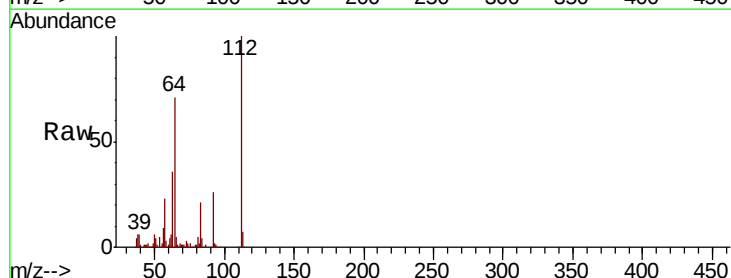
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.628 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039856.D
Acq: 12 Mar 2019 1:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	57.8	86.8
63	36.0	29.8	44.6

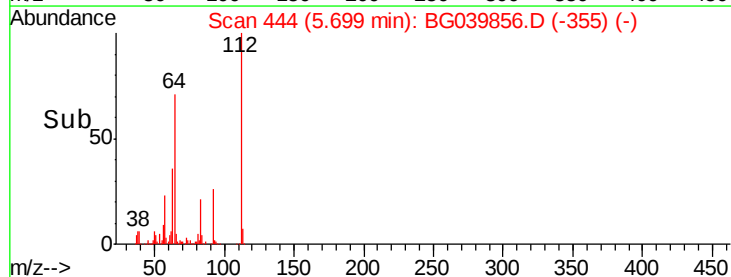
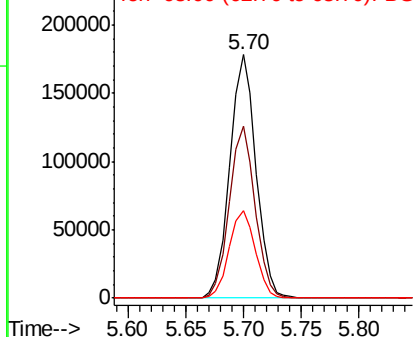


Abundance

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: 94.125 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039856.D

Acq: 12 Mar 2019 1:43

Instrument :

BNA_G

ClientSampled :

OK-01-030819

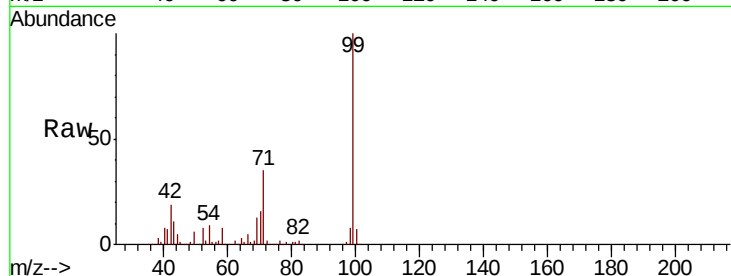
Tot Ion: 99 Resp: 354919

Ion Ratio Lower Upper

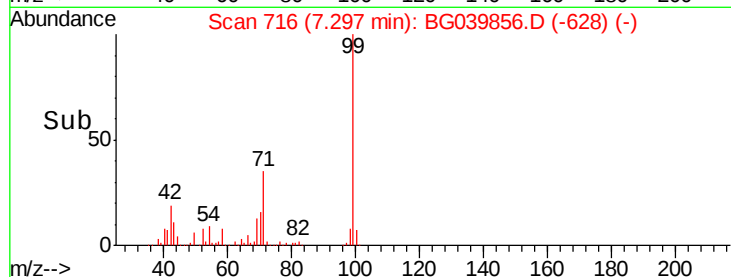
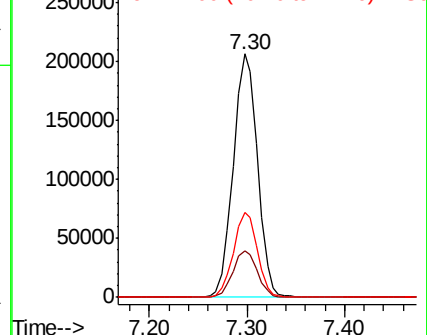
99 100

42 19.1 18.2 27.2

71 34.9 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: BG039856.D

Acq: 12 Mar 2019 1:43

Tgt Ion: 136 Resp: 175192

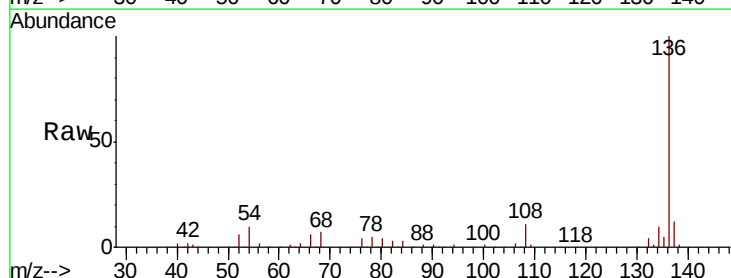
Ion Ratio Lower Upper

136 100

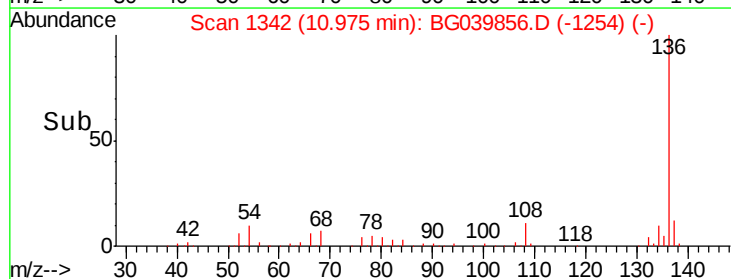
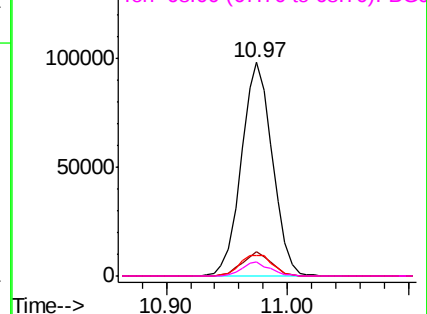
137 11.7 9.1 13.7

54 9.8 9.4 14.2

68 6.6 4.2 6.4#



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

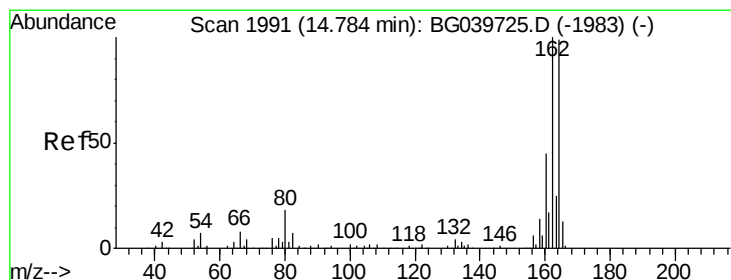
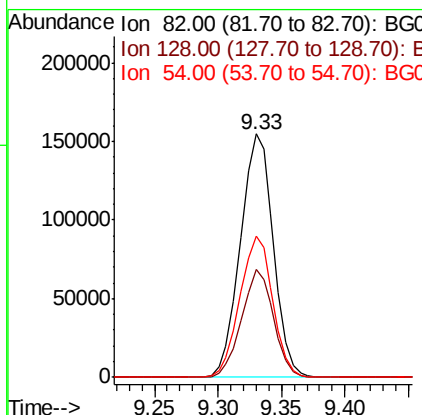
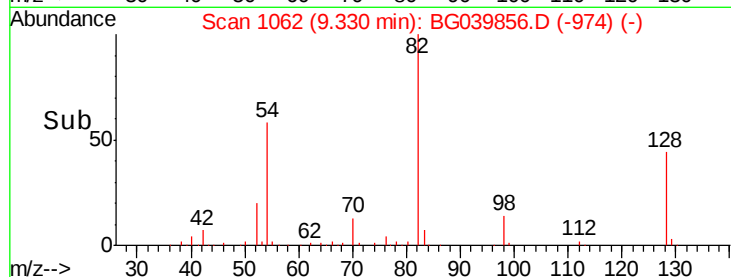
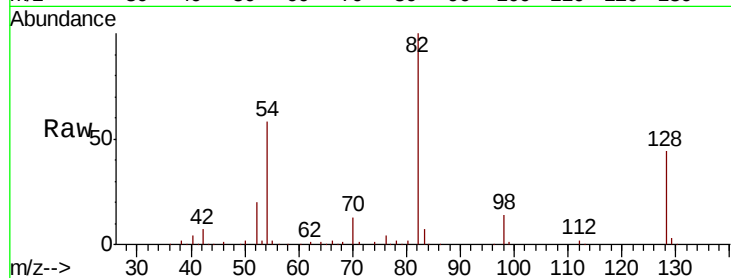




#23
 Nitrobenzene-d5
 Concen: 85.940 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039856.D
 Acq: 12 Mar 2019 1:43

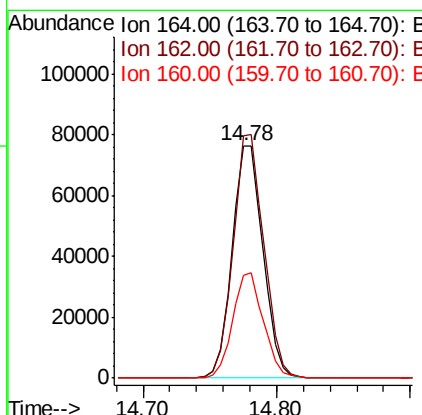
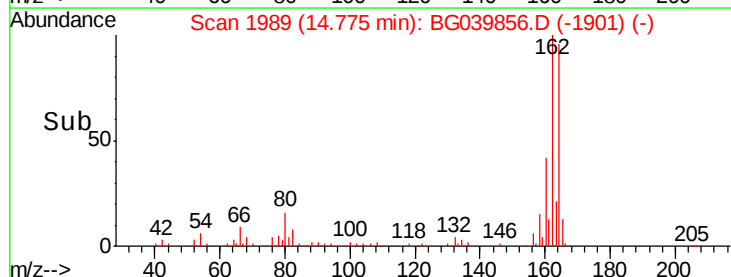
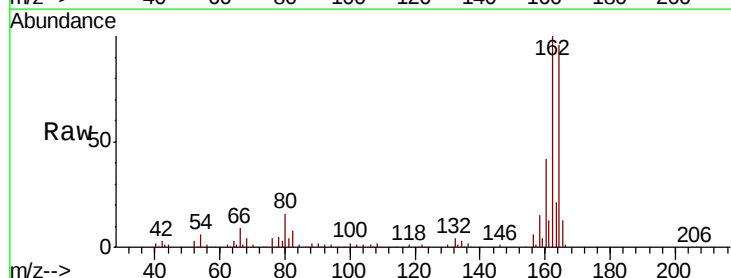
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-030819

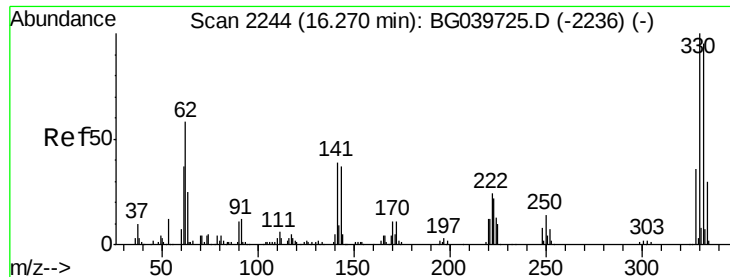
Tot Ion: 82 Resp: 278381
 Ion Ratio Lower Upper
 82 100
 128 44.3 31.3 46.9
 54 58.1 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039856.D
 Acq: 12 Mar 2019 1:43

Tgt Ion: 164 Resp: 122692
 Ion Ratio Lower Upper
 164 100
 162 104.5 81.6 122.4
 160 44.2 34.2 51.2

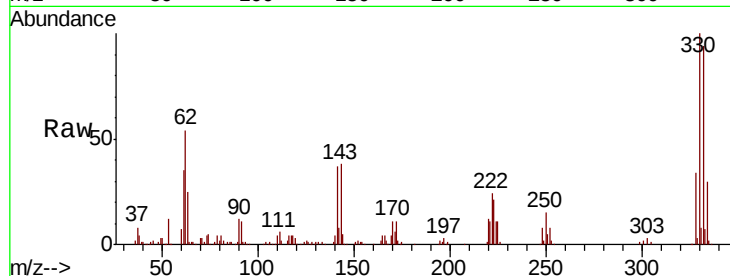




#42
 2,4,6-Tribromophenol
 Concen: 128.133 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039856.D
 Acq: 12 Mar 2019 1:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-030819

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.7	113.5
141	40.4	35.6	53.4

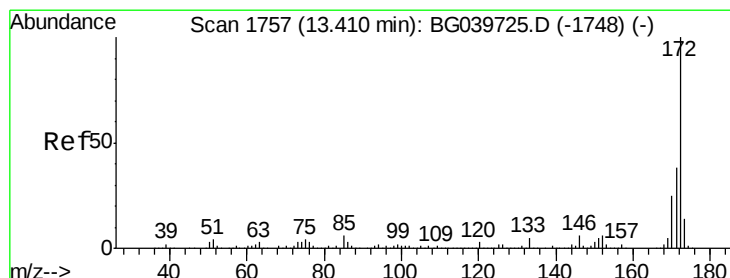
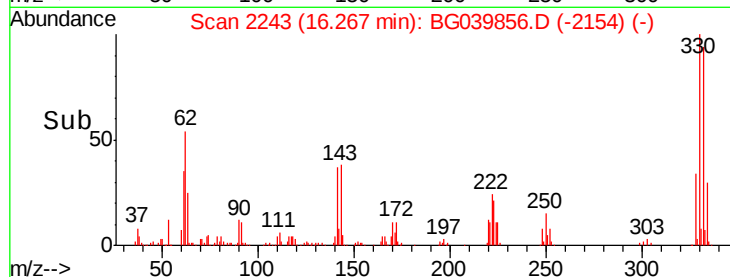
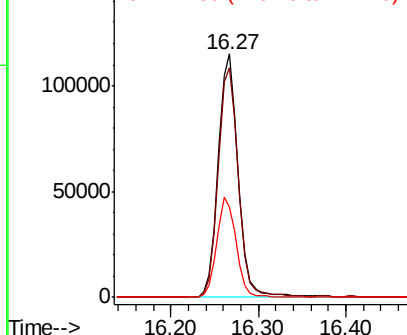


Abundance

Ion 329.80 (329.50 to 330.50): E

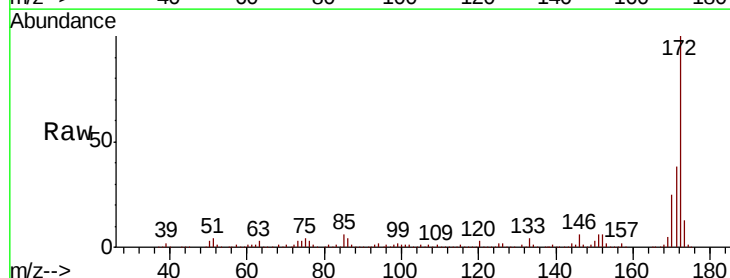
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.935 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039856.D
 Acq: 12 Mar 2019 1:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	24.6	20.2	30.4

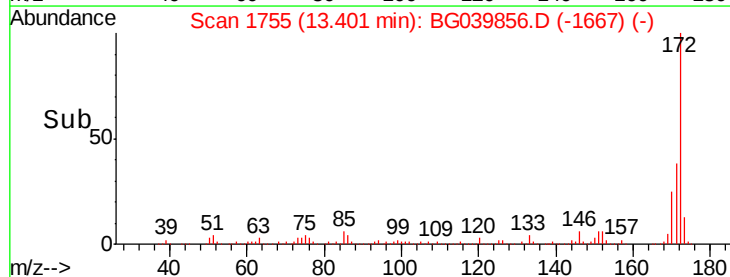
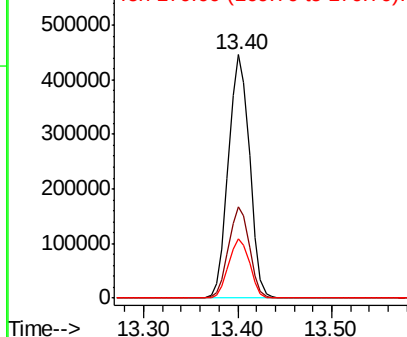


Abundance

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

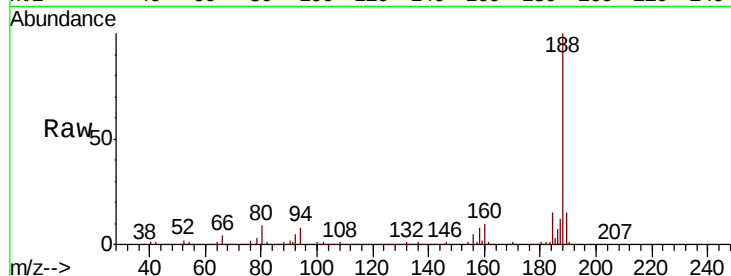




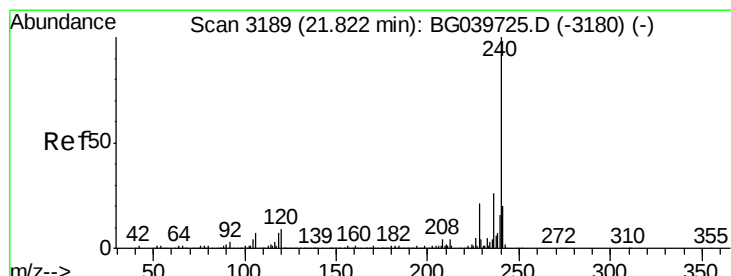
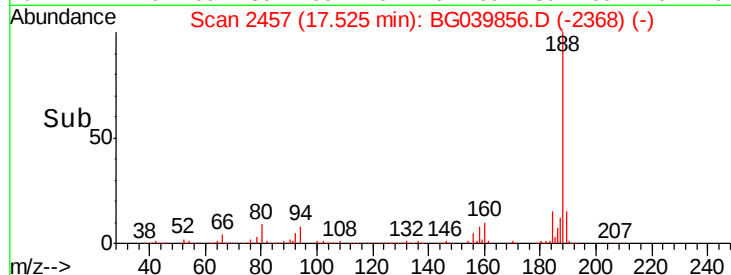
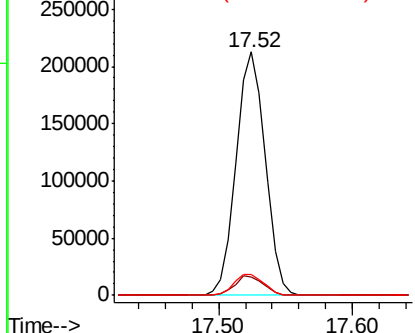
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039856.D
Acq: 12 Mar 2019 1:43

Instrument :
BNA_G
ClientSampleId :
OK-01-030819

Tot Ion:188 Resp: 322219
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 8.7 8.1 12.1

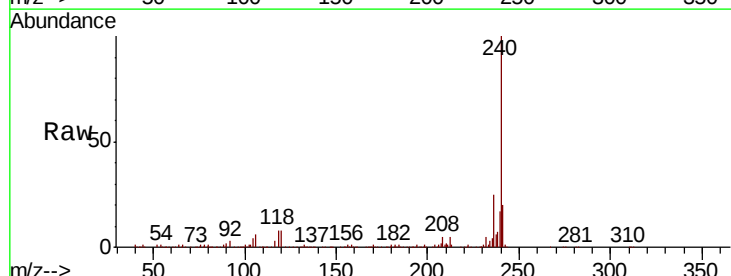


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

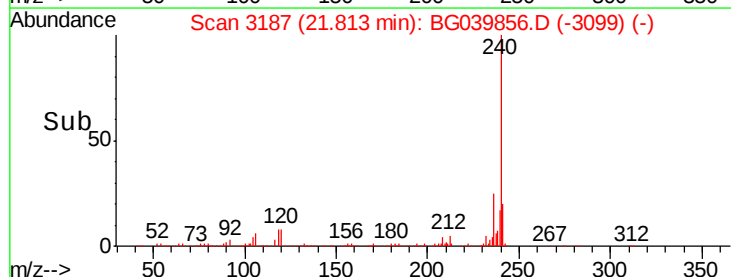
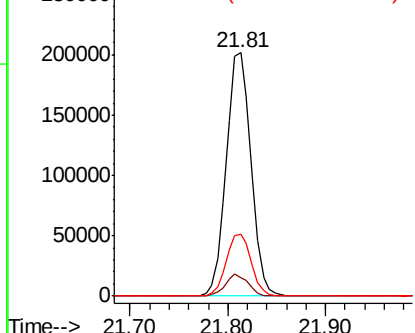


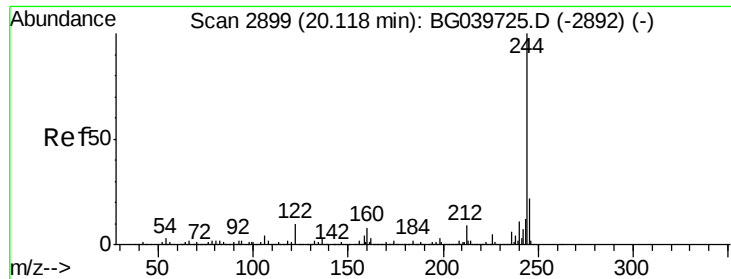
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039856.D
Acq: 12 Mar 2019 1:43

Tgt Ion:240 Resp: 353846
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 25.4 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: 78.365 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039856.D

Acq: 12 Mar 2019 1:43

Instrument :

BNA_G

ClientSampleId :

OK-01-030819

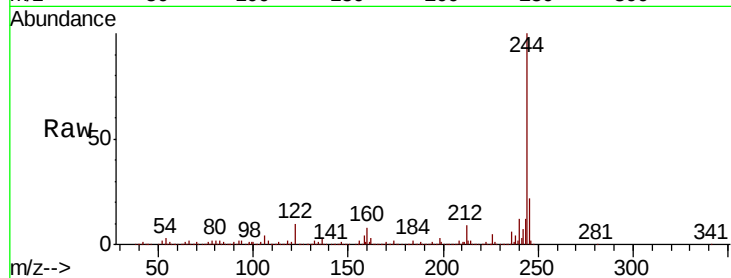
Tot Ion:244 Resp: 1259380

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

122 10.0 8.4 12.6

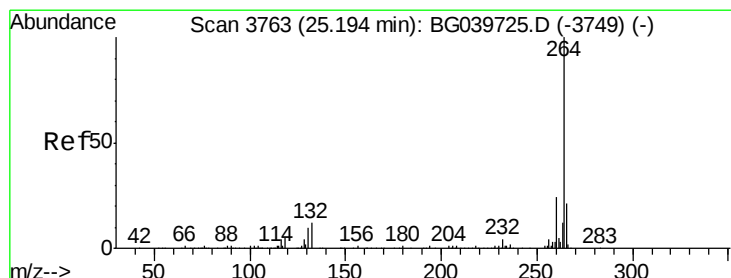
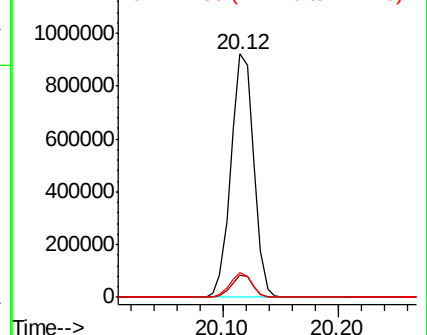
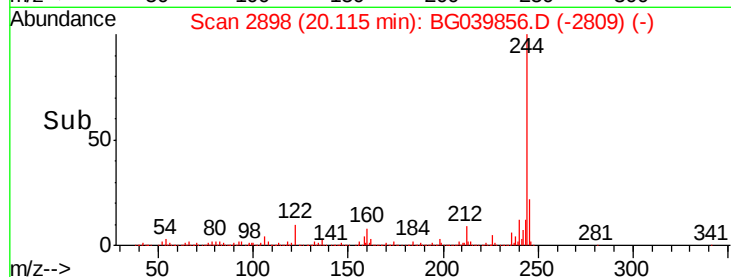


Abundance

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: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039856.D

Acq: 12 Mar 2019 1:43

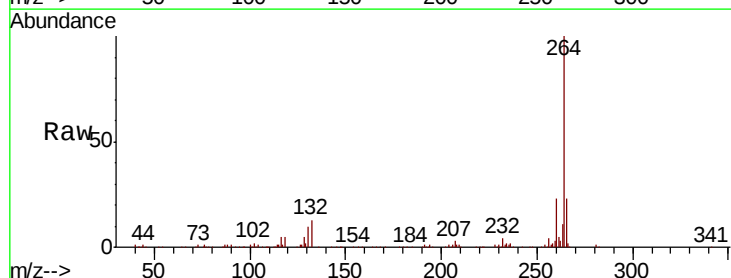
Tgt Ion:264 Resp: 341981

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 22.6 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

