

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
 Data File : BG040074.D
 Acq On : 21 Mar 2019 20:30
 Operator : JU/SJ
 Sample : K1694-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-032019-C

Quant Time: Mar 22 04:05:30 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	40038	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	174520	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	123072	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	311360	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	311180	20.00	ng	-0.03
87) Perylene-d12	25.16	264	308349	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	294515	125.49	ng	-0.02
7) Phenol-d6	7.29	99	387100	110.62	ng	-0.02
23) Nitrobenzene-d5	9.32	82	286979	88.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	190893	133.07	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	730376	84.50	ng	-0.02
79) Terphenyl-d14	20.11	244	1226528	86.79	ng	-0.02

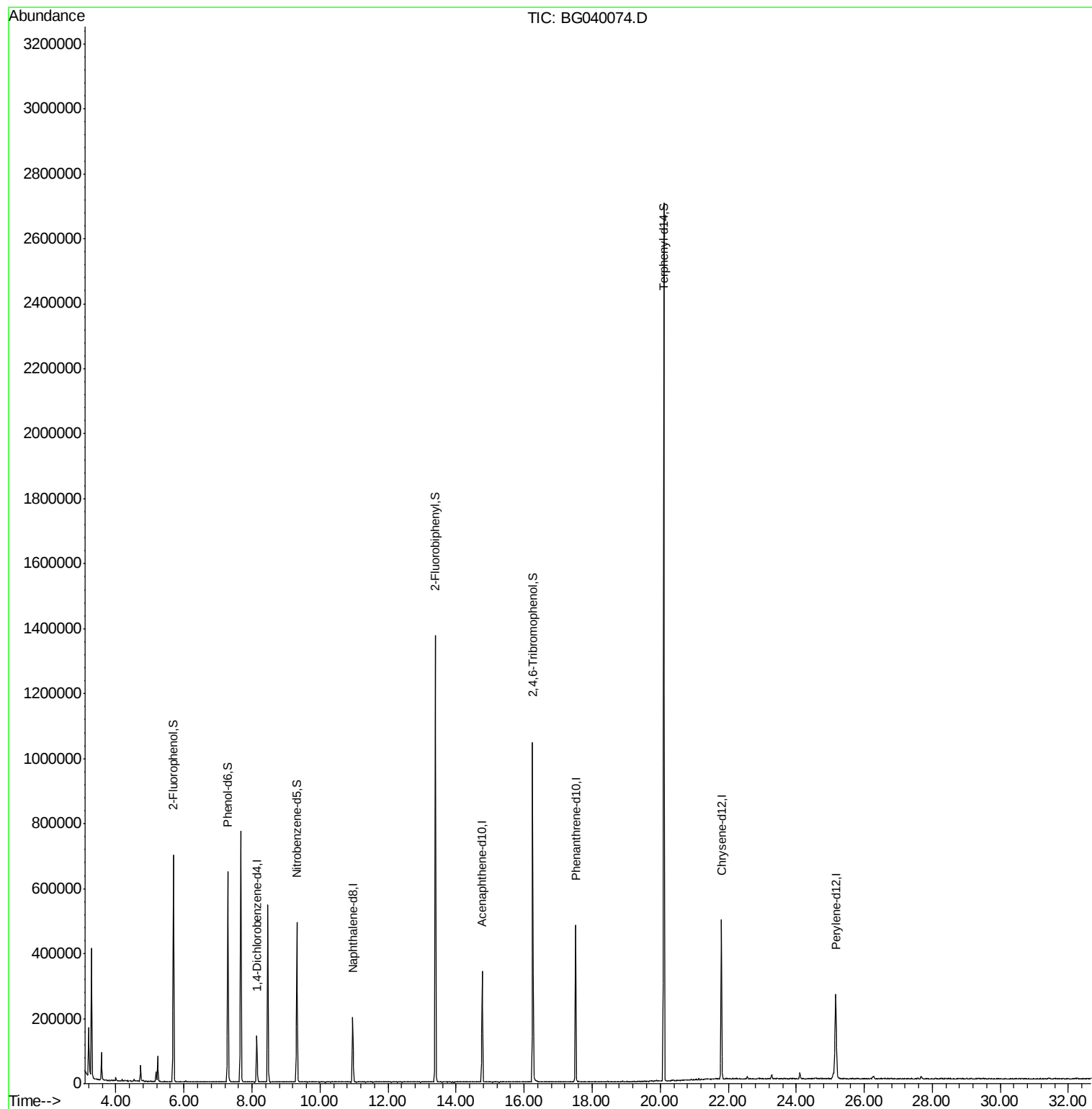
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
Data File : BG040074.D
Acq On : 21 Mar 2019 20:30
Operator : JU/SJ
Sample : K1694-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-032019-C

Quant Time: Mar 22 04:05:30 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



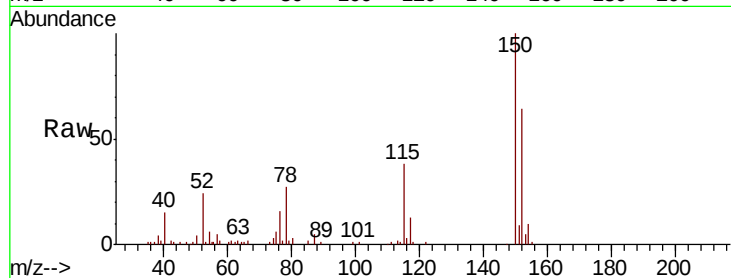


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Instrument :
BNA_G
ClientSampleId :
EO-02-032019-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.7	185.5
115	59.1	45.9	68.9

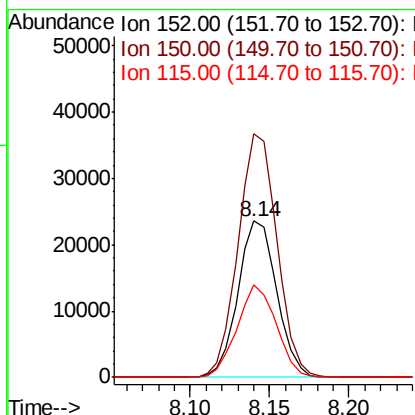
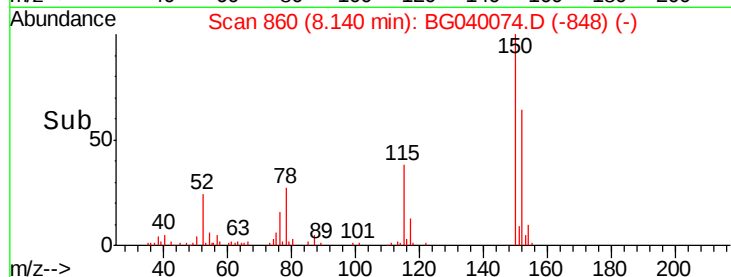


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

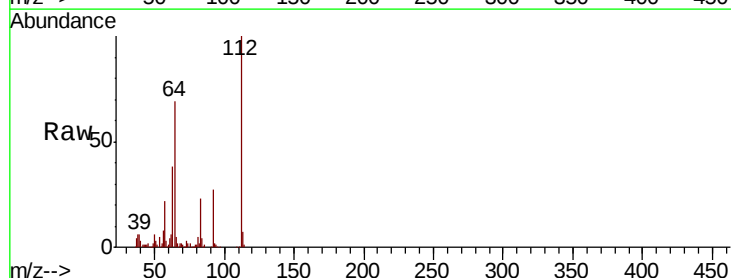
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.492 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	57.8	86.8
63	37.7	29.8	44.6

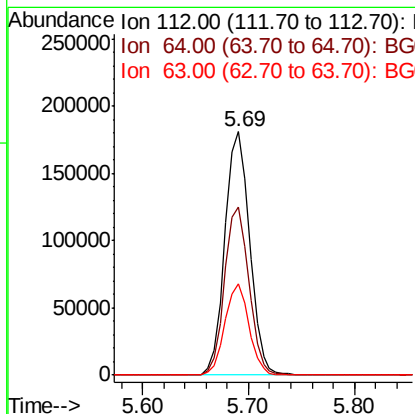
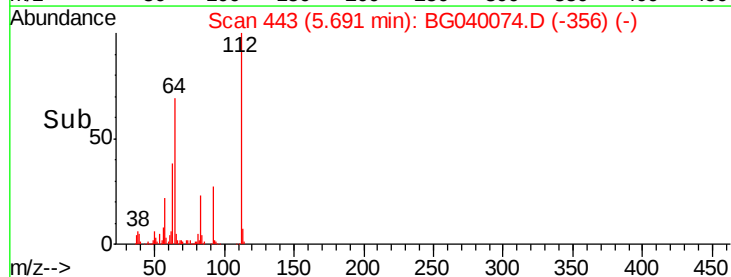


Abundance

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: 110.621 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

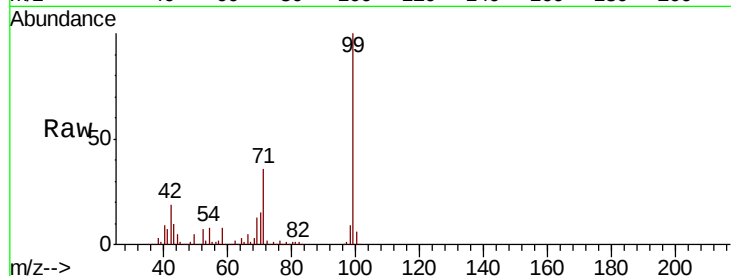
Tot Ion: 99 Resp: 387100

Ion Ratio Lower Upper

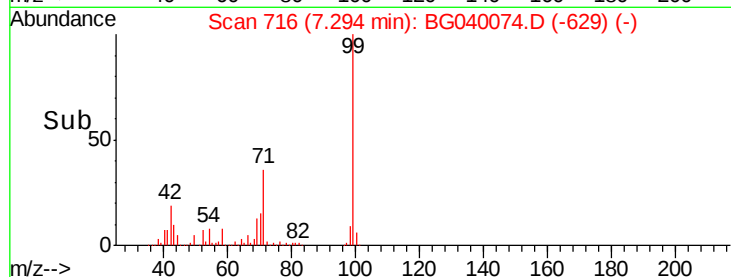
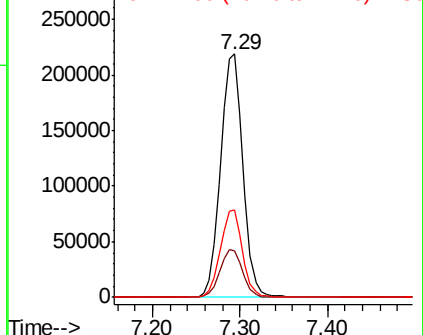
99 100

42 18.9 18.2 27.2

71 36.1 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: BG040074.D

Acq: 21 Mar 2019 20:30

Tgt Ion: 136 Resp: 174520

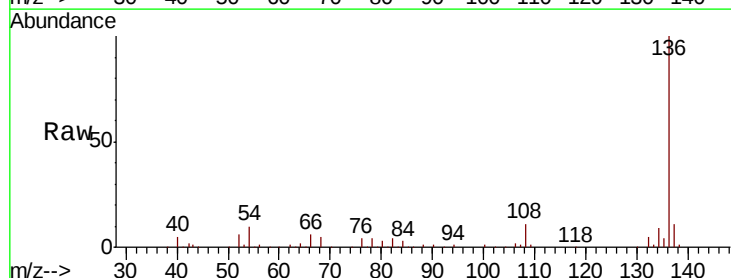
Ion Ratio Lower Upper

136 100

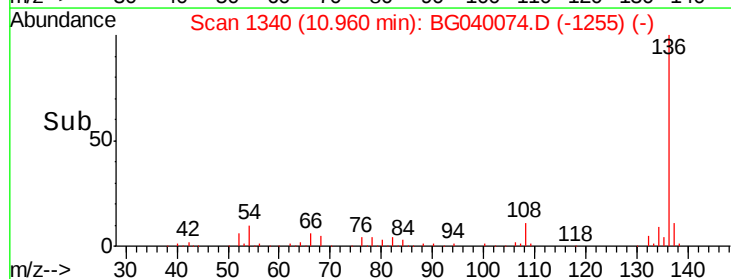
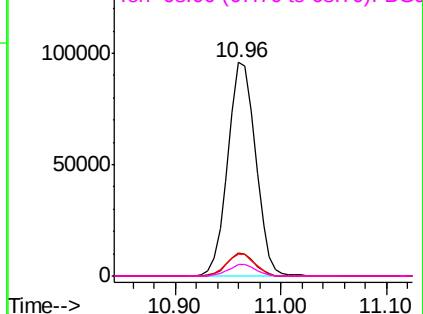
137 10.6 9.1 13.7

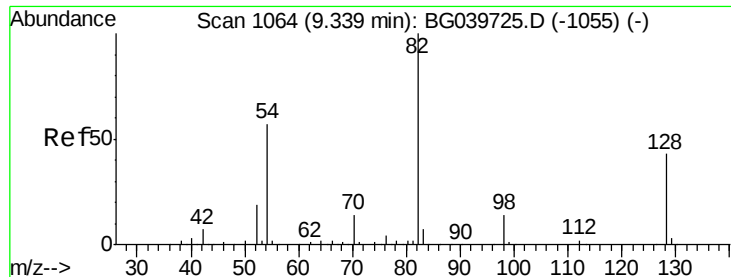
54 10.4 9.4 14.2

68 5.4 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

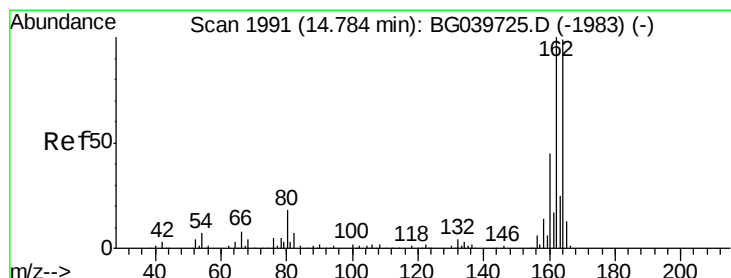
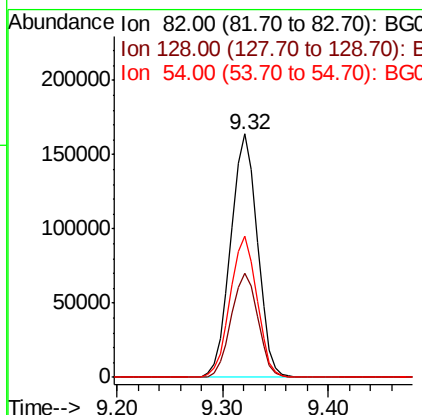
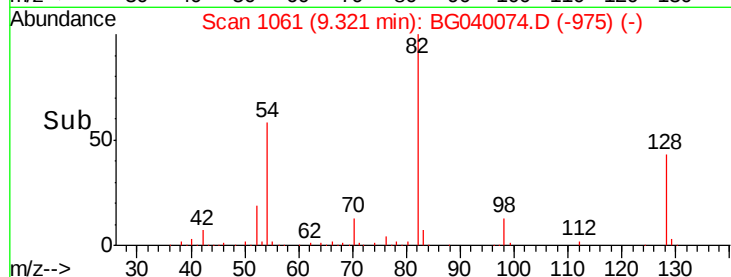
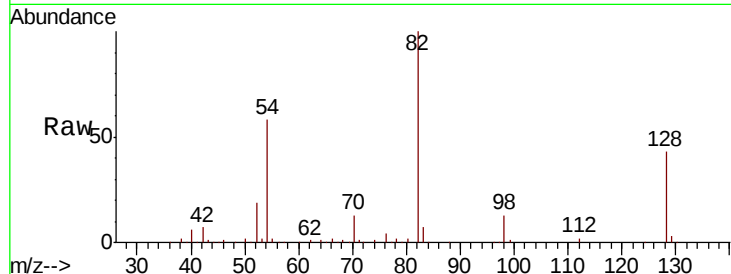




#23
Nitrobenzene-d5
Concen: 88.935 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

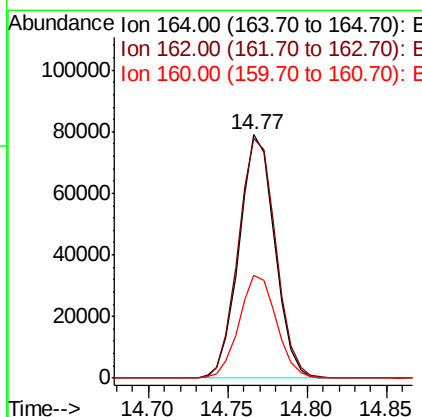
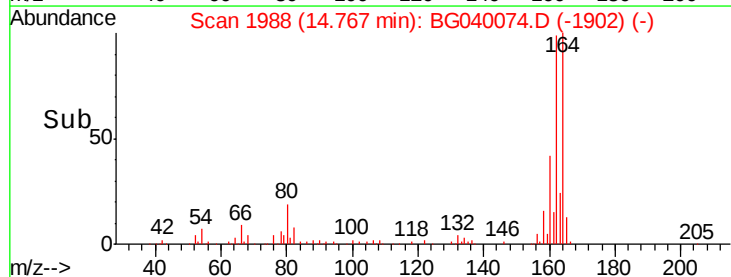
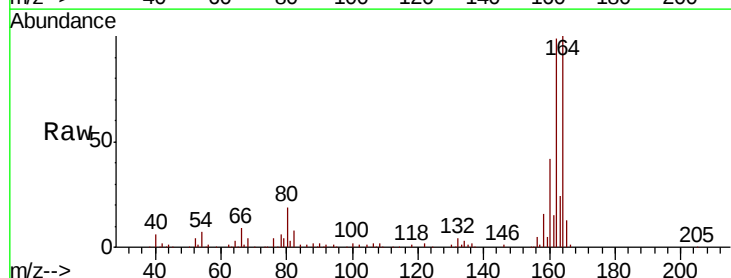
Instrument :
BNA_G
ClientSampleId :
EO-02-032019-C

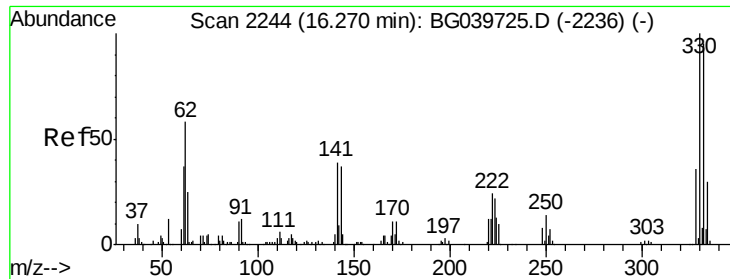
Tot Ion: 82 Resp: 286979
Ion Ratio Lower Upper
82 100
128 42.9 31.3 46.9
54 58.1 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040074.D
Acq: 21 Mar 2019 20:30

Tgt Ion:164 Resp: 123072
Ion Ratio Lower Upper
164 100
162 98.7 81.6 122.4
160 42.4 34.2 51.2

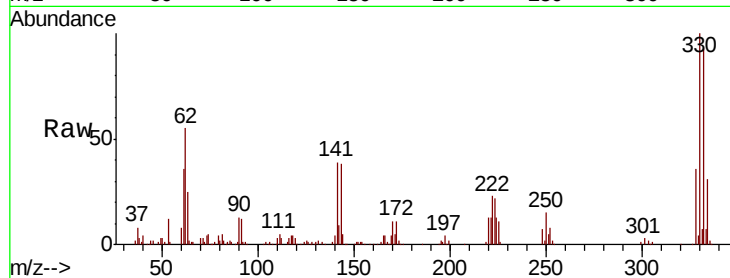




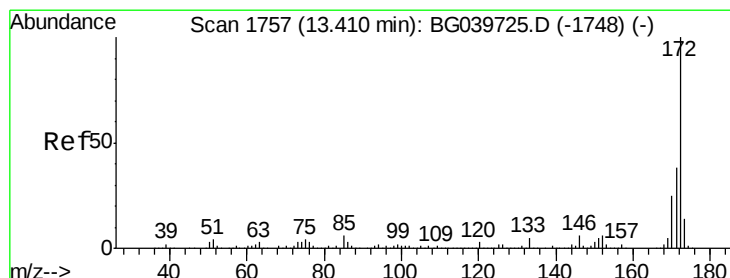
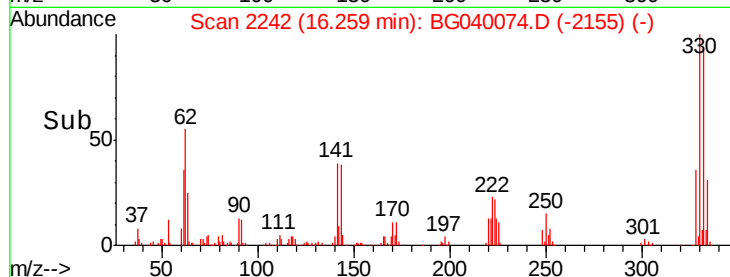
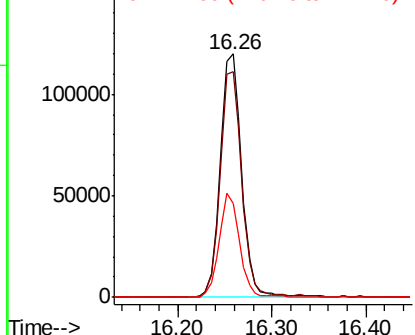
#42
 2,4,6-Tribromophenol
 Concen: 133.073 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040074.D
 Acq: 21 Mar 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-032019-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.7	113.5
141	40.9	35.6	53.4

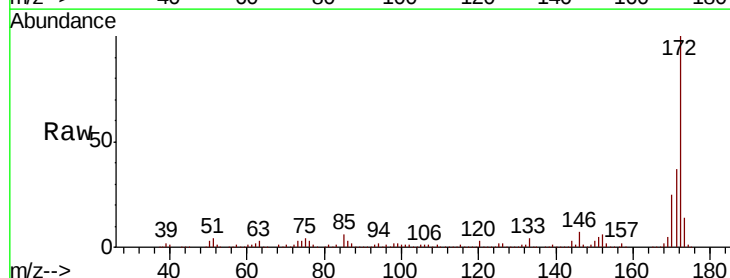


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

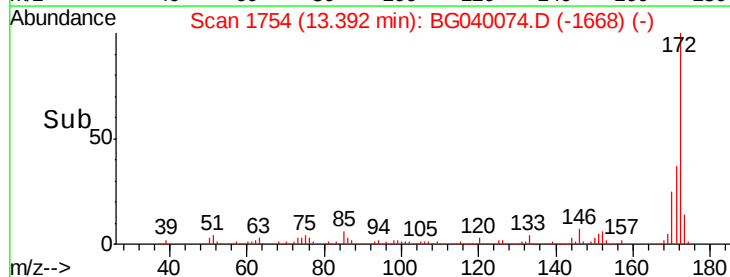
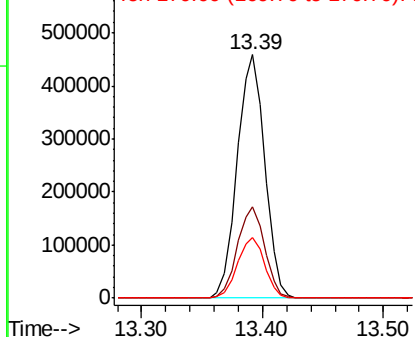


#45
 2-Fluorobiphenyl
 Concen: 84.498 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040074.D
 Acq: 21 Mar 2019 20:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	25.1	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: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

BNA_G

ClientSampleId :

EO-02-032019-C

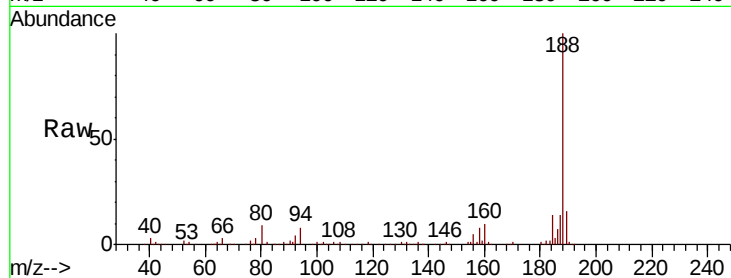
Tot Ion:188 Resp: 311360

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

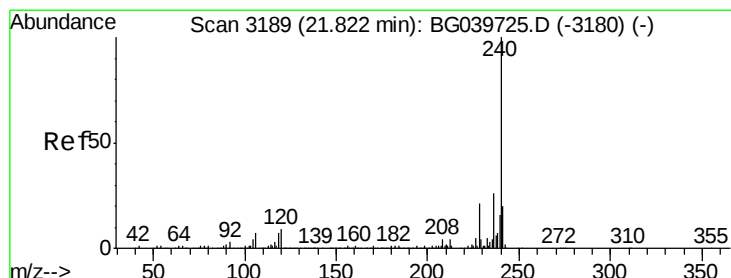
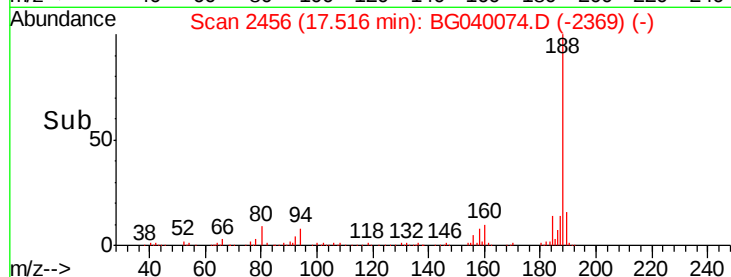
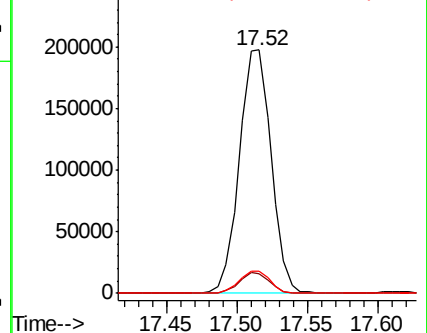
80 9.0 8.1 12.1



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: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

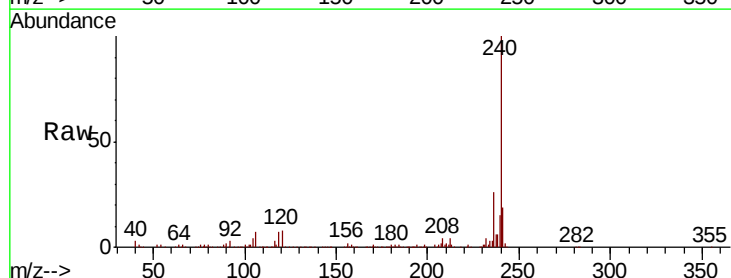
Tgt Ion:240 Resp: 311180

Ion Ratio Lower Upper

240 100

120 7.6 7.0 10.6

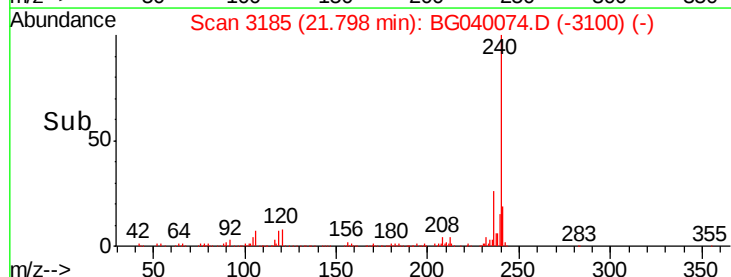
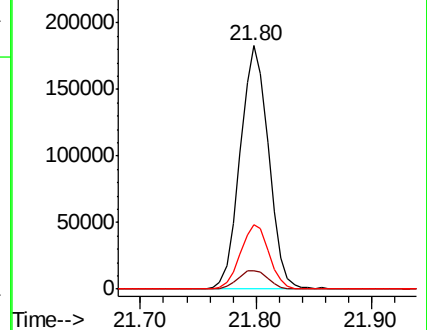
236 26.2 21.0 31.4

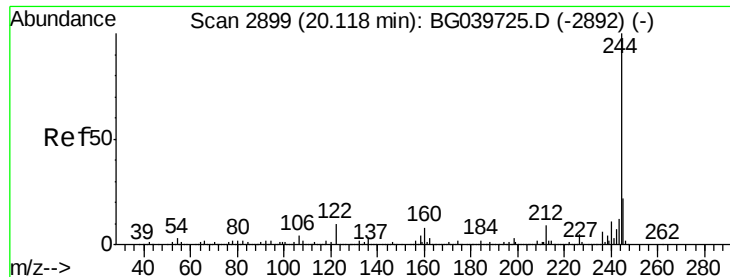


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.785 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Instrument :

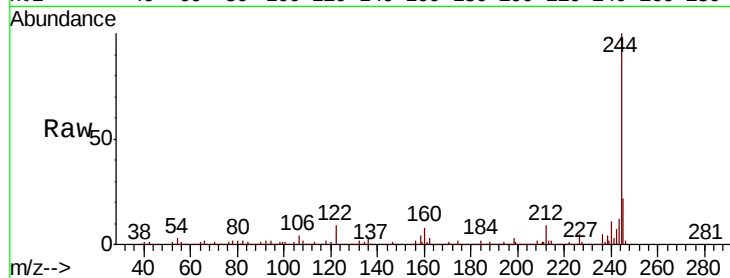
BNA_G

ClientSampleId :

EO-02-032019-C

Tot Ion:244 Resp: 1226528

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	9.3	8.4	12.6

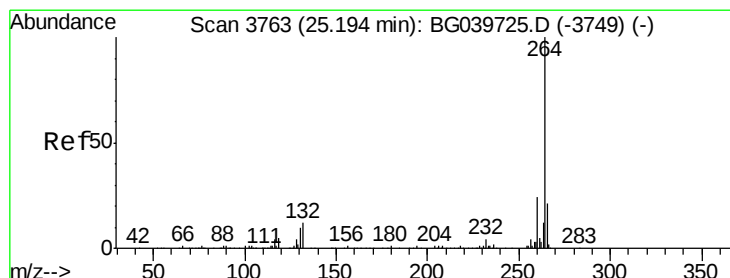
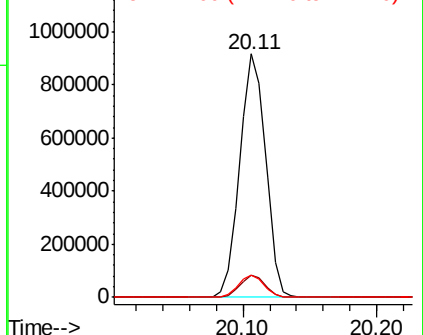
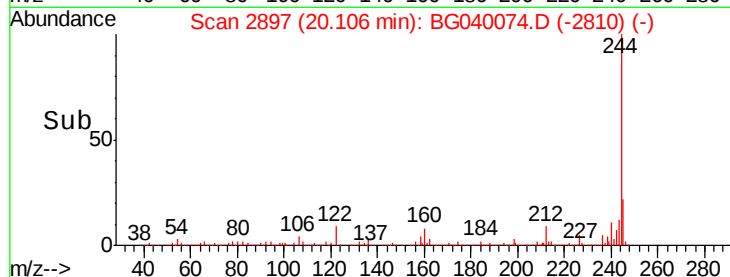


Abundance

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: 25.16 min Scan# 3758

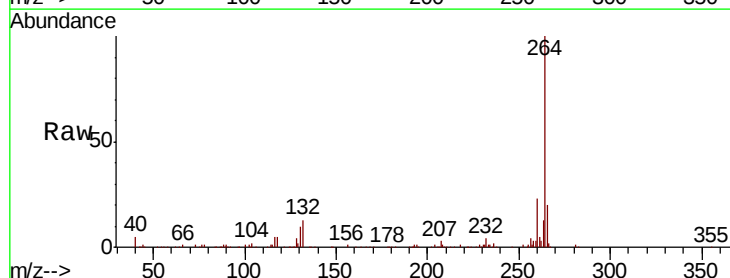
Delta R.T. -0.04 min

Lab File: BG040074.D

Acq: 21 Mar 2019 20:30

Tgt Ion:264 Resp: 308349

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	19.9	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

