

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041137.D
 Acq On : 8 Jun 2019 17:25
 Operator : HP/JU
 Sample : K3158-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-060619

Quant Time: Jun 10 04:09:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	33803	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	140050	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	107983	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	299196	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	313825	20.00	ng	-0.03
87) Perylene-d12	25.07	264	329682	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	260416	138.92	ng	-0.02
7) Phenol-d6	7.25	99	352376	121.71	ng	-0.02
23) Nitrobenzene-d5	9.28	82	287038	90.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	196565	122.62	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	689323	91.93	ng	-0.02
79) Terphenyl-d14	20.07	244	1412885	95.55	ng	-0.02

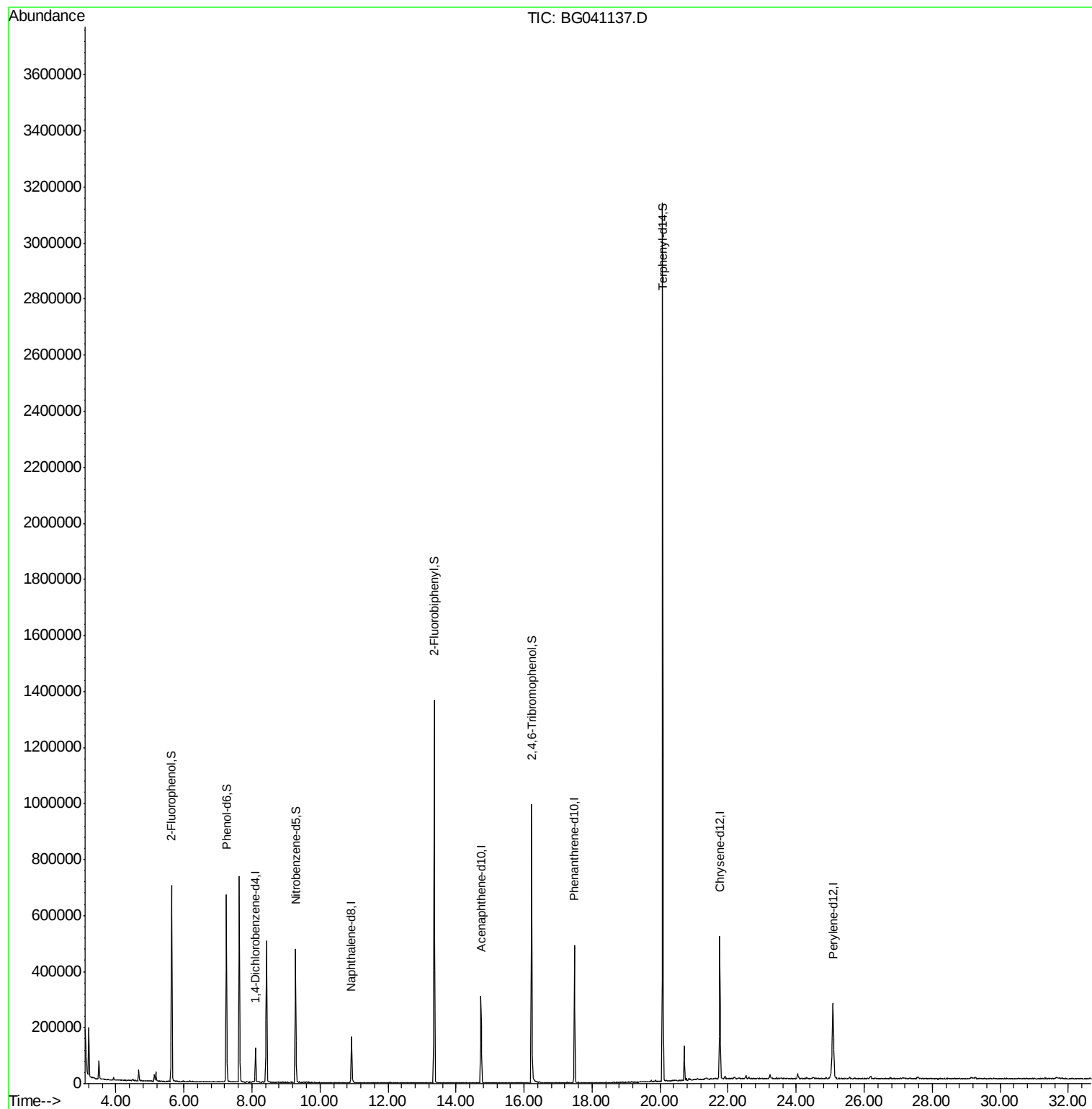
Target Compounds Qvalue

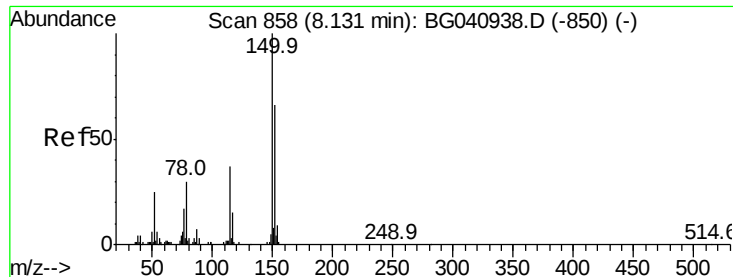
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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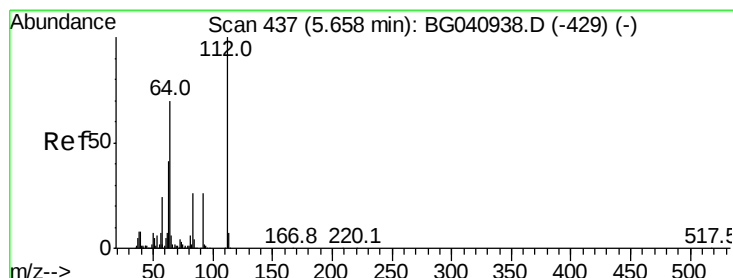
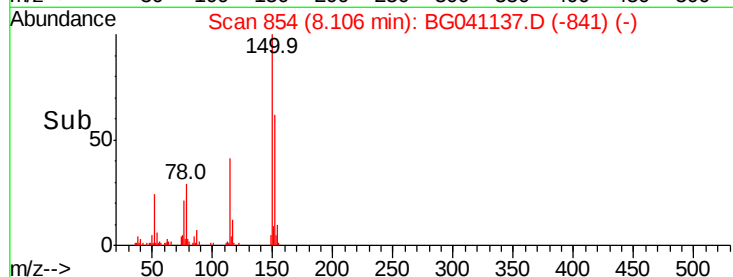
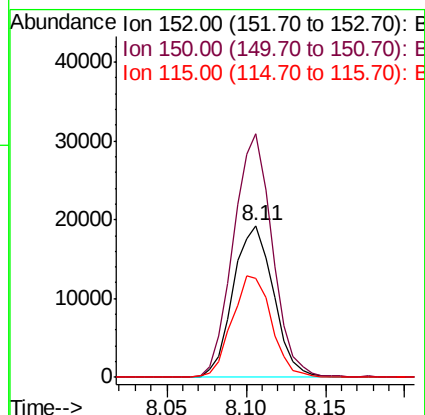
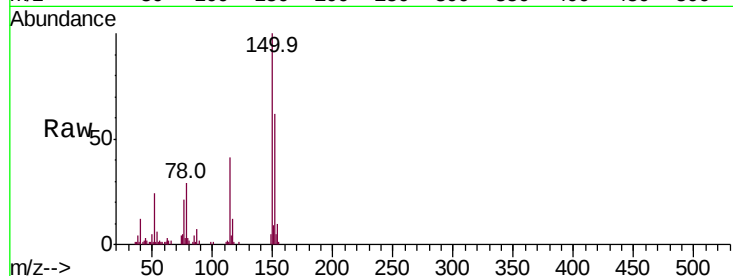


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG041137.D
Acq: 8 Jun 2019 17:25

Instrument :
BNA_G
ClientSampleId :
OK-03-060619

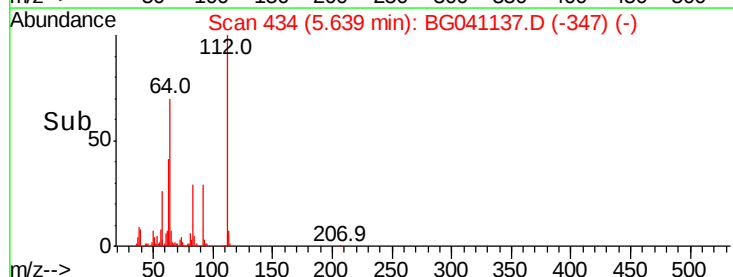
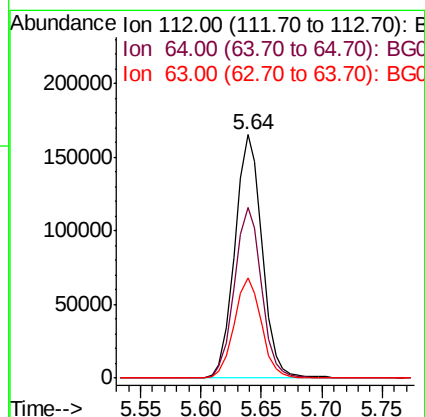
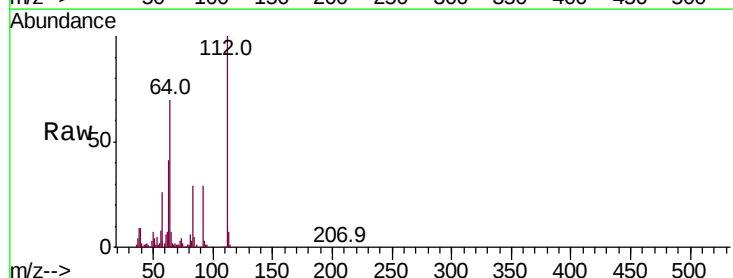
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	120.6	180.8
115	65.1	45.1	67.7

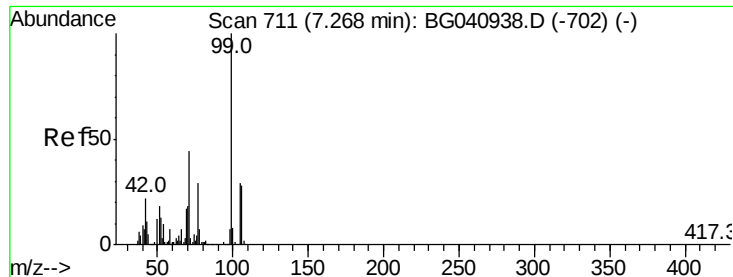


#5

2-Fluorophenol
Concen: 138.918 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG041137.D
Acq: 8 Jun 2019 17:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.2	84.2
63	41.4	32.8	49.2





#7

Phenol-d6

Concen: 121.714 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG041137.D

Acq: 8 Jun 2019 17:25

Instrument :

BNA_G

ClientSampleId :

OK-03-060619

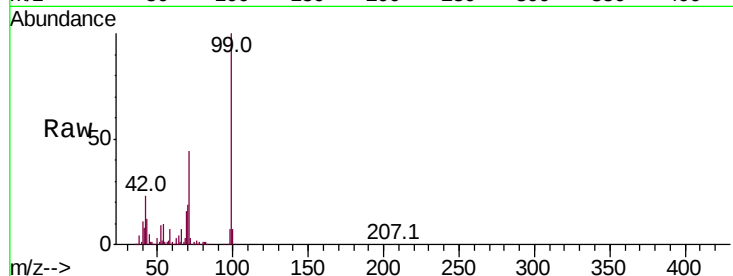
Tot Ion: 99 Resp: 352376

Ion Ratio Lower Upper

99 100

42 23.2 17.9 26.9

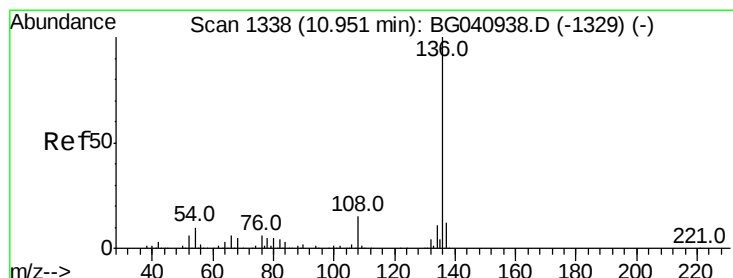
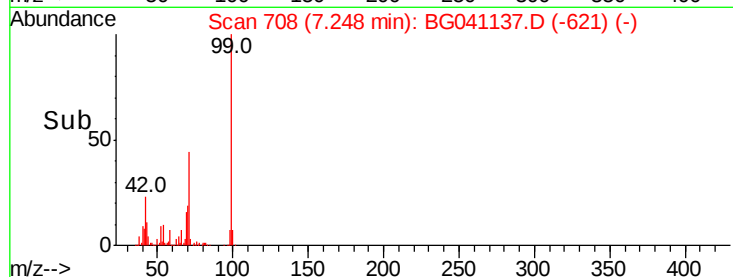
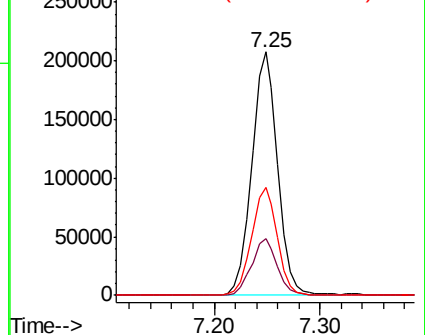
71 44.4 35.4 53.0



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: 10.93 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BG041137.D

Acq: 8 Jun 2019 17:25

Tgt Ion: 136 Resp: 140050

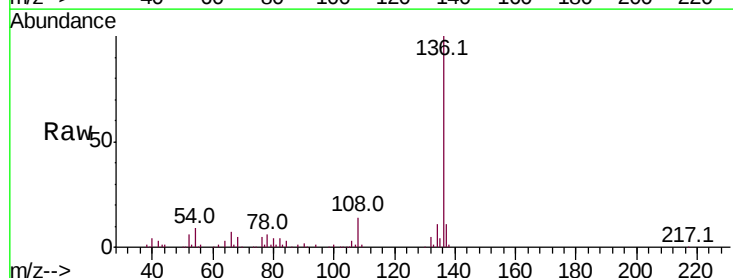
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 9.4 7.6 11.4

68 5.0 3.9 5.9

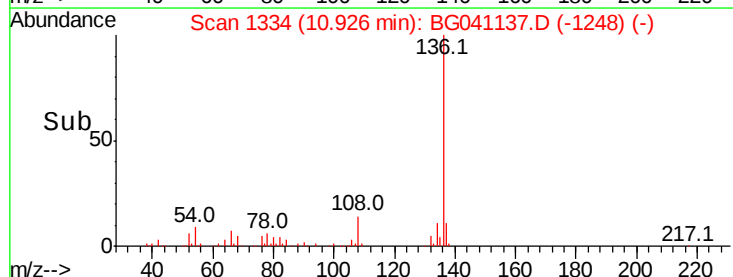
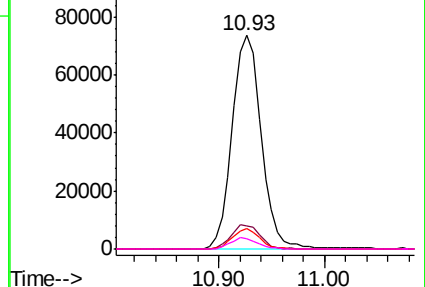


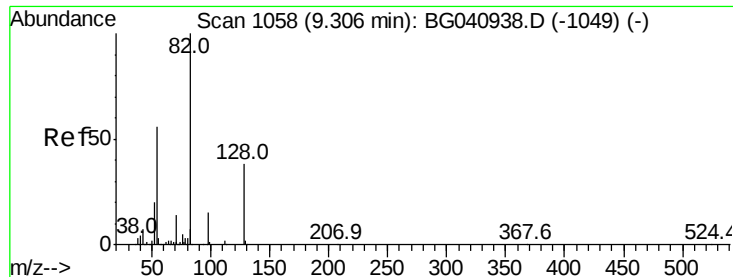
Abundance Ion 136.00 (135.70 to 136.70): E

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

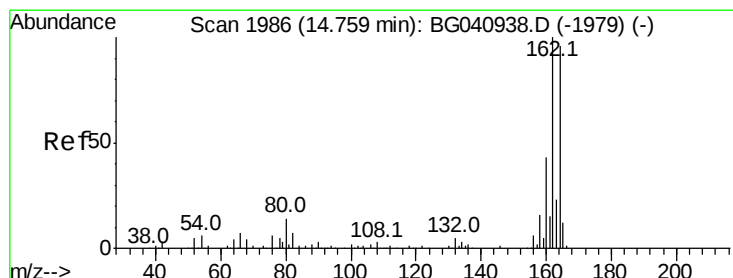
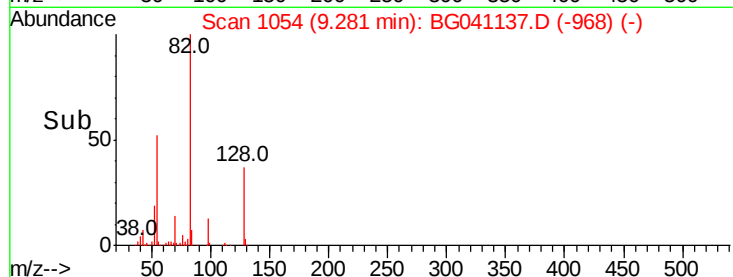
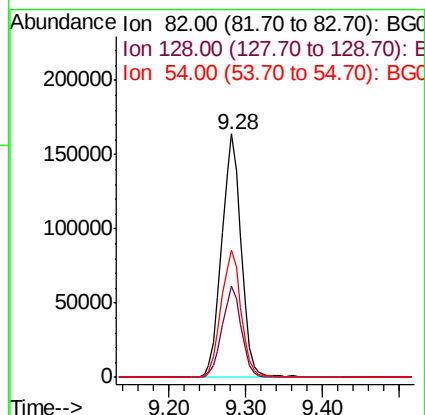
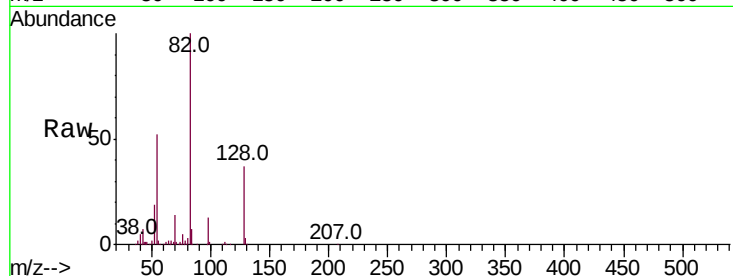




#23
Nitrobenzene-d5
Concen: 90.987 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BG041137.D
Acq: 8 Jun 2019 17:25

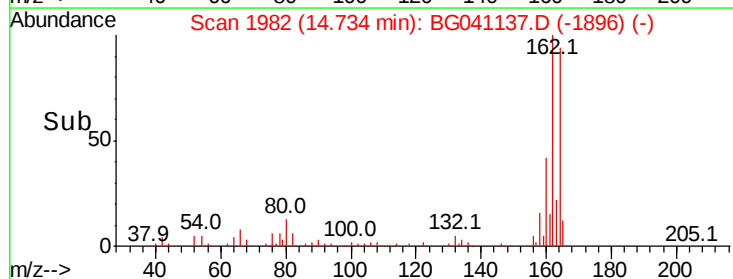
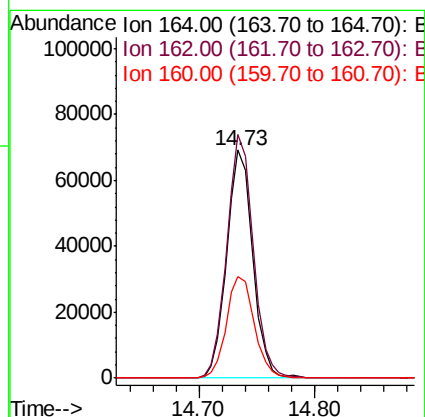
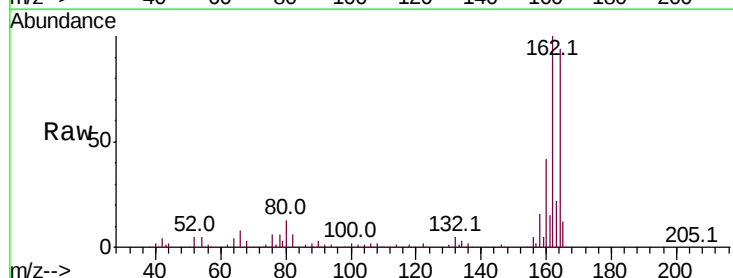
Instrument :
BNA_G
ClientSampleId :
OK-03-060619

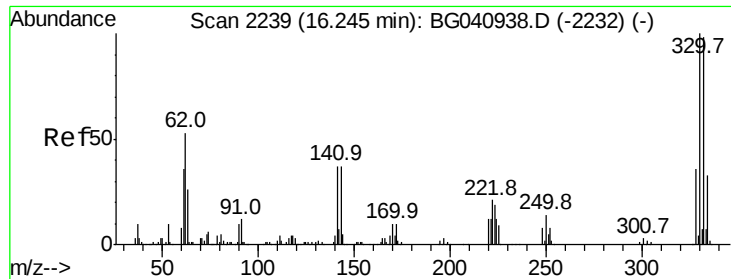
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.5	45.7
54	52.0	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BG041137.D
Acq: 8 Jun 2019 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.0	124.4
160	44.6	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 122.617 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BG041137.D

Acq: 8 Jun 2019 17:25

Instrument :

BNA_G

ClientSampleId :

OK-03-060619

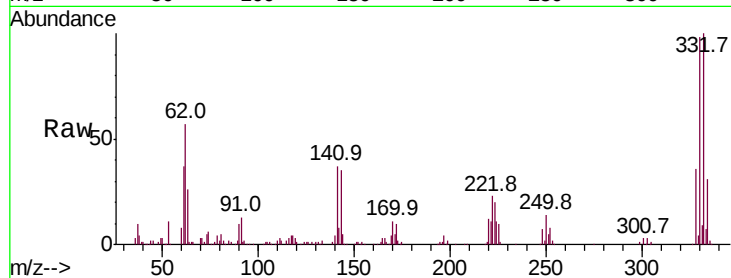
Tot Ion:330 Resp: 196565

Ion Ratio Lower Upper

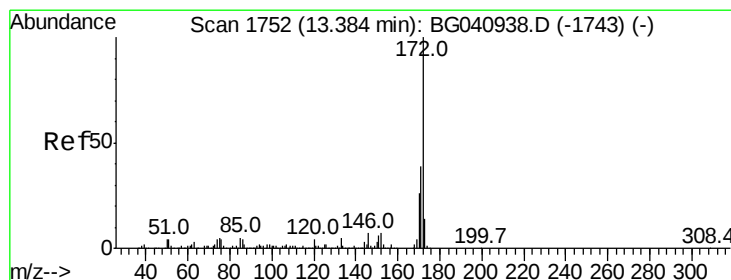
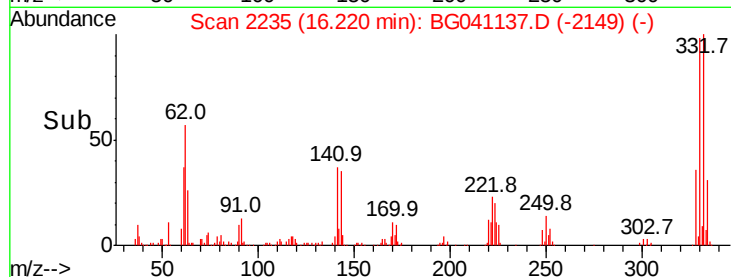
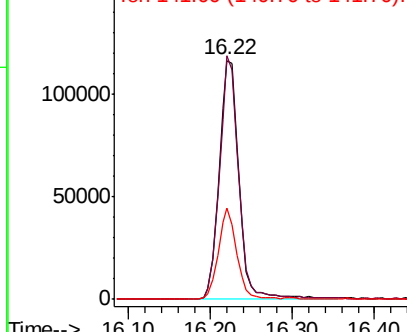
330 100

332 98.0 78.5 117.7

141 35.4 28.7 43.1



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: 91.931 ng

RT: 13.36 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BG041137.D

Acq: 8 Jun 2019 17:25

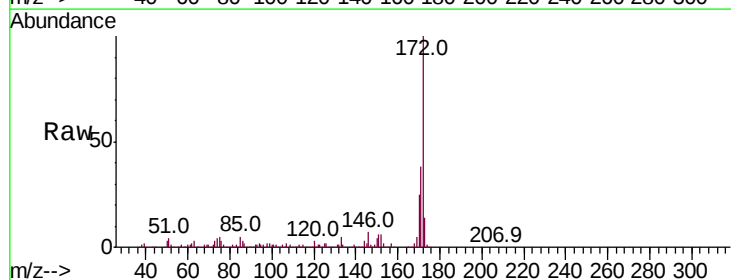
Tgt Ion:172 Resp: 689323

Ion Ratio Lower Upper

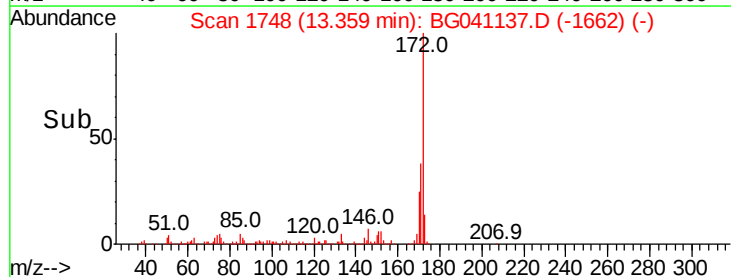
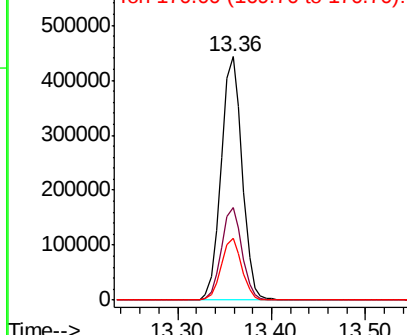
172 100

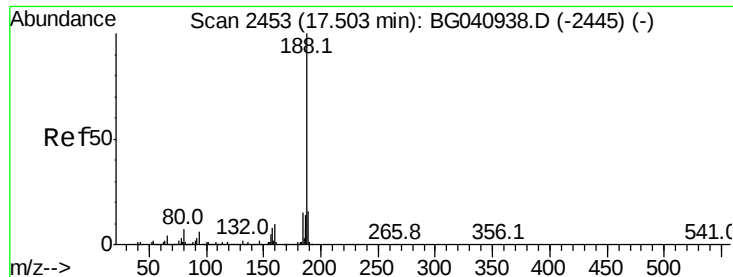
171 38.1 31.1 46.7

170 25.4 20.5 30.7



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

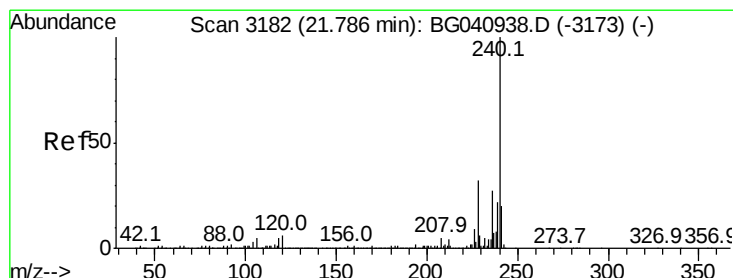
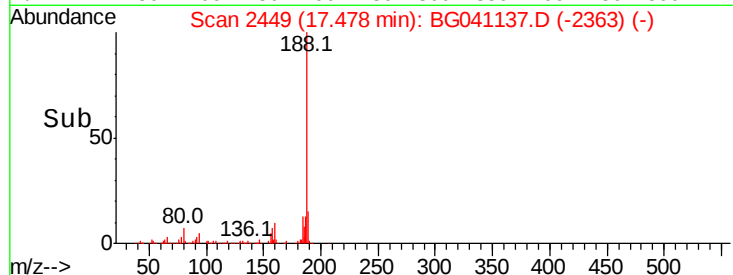
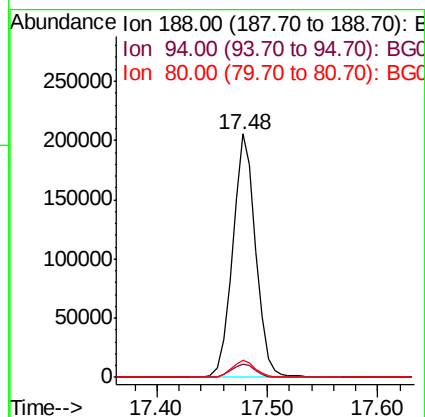
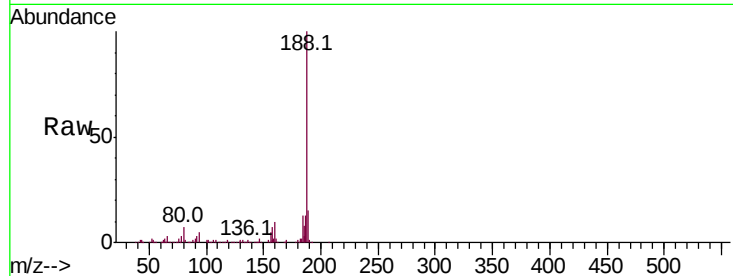




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG041137.D
Acq: 8 Jun 2019 17:25

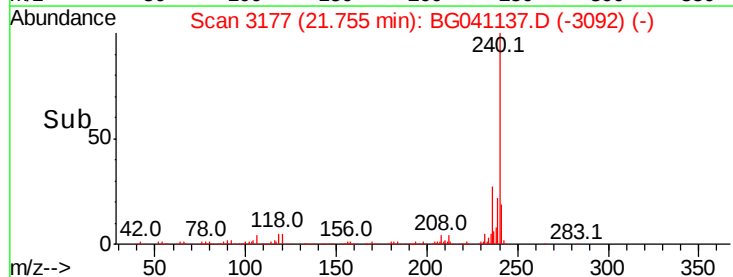
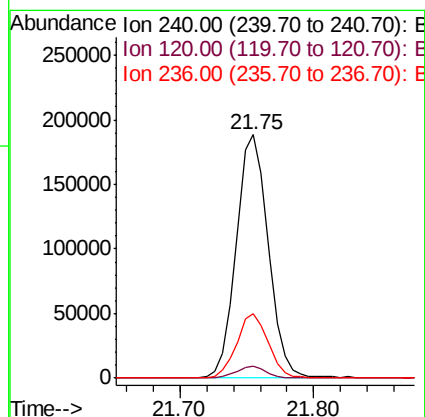
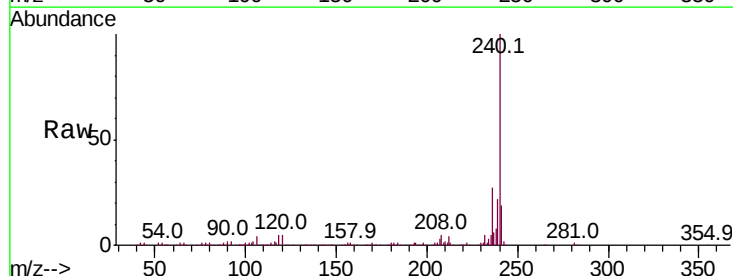
Instrument :
BNA_G
ClientSampleId :
OK-03-060619

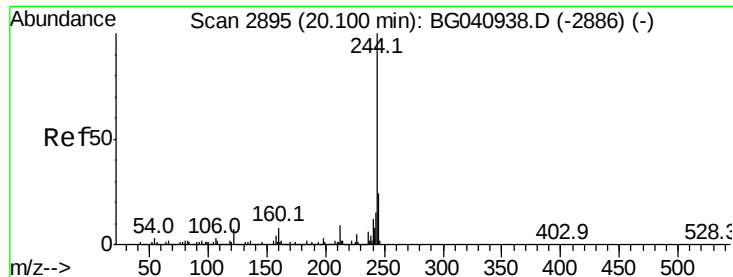
Tot Ion:188 Resp: 299196
Ion Ratio Lower Upper
188 100
94 5.3 4.7 7.1
80 7.2 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.03 min
Lab File: BG041137.D
Acq: 8 Jun 2019 17:25

Tgt Ion:240 Resp: 313825
Ion Ratio Lower Upper
240 100
120 5.1 4.5 6.7
236 26.6 21.3 31.9





#79

Terphenyl-d14

Concen: 95.551 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG041137.D

Acq: 8 Jun 2019 17:25

Instrument :

BNA_G

ClientSampleId :

OK-03-060619

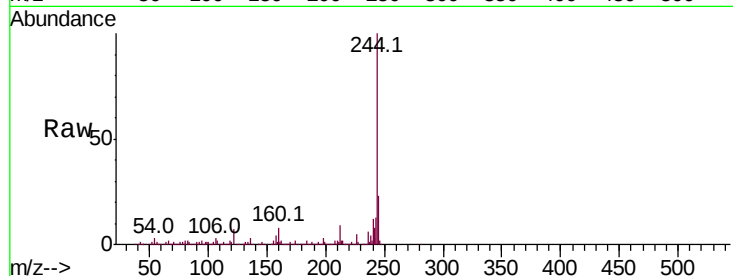
Tot Ion:244 Resp: 1412885

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

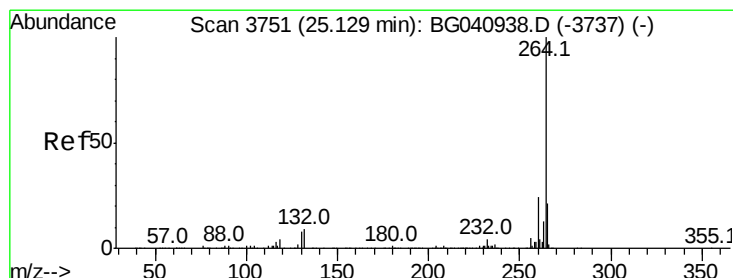
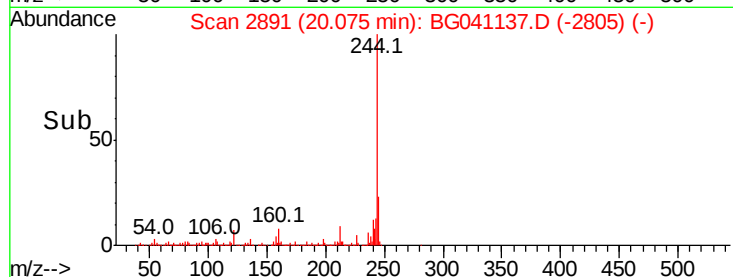
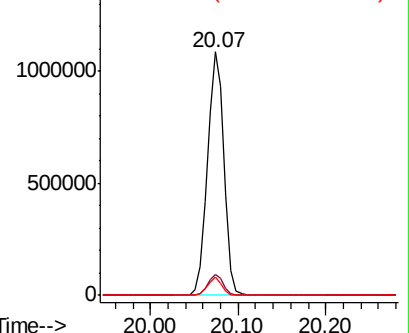
122 7.3 5.4 8.0



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: 25.07 min Scan# 3742

Delta R.T. -0.05 min

Lab File: BG041137.D

Acq: 8 Jun 2019 17:25

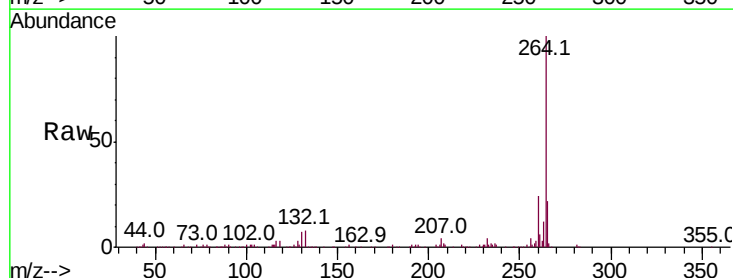
Tgt Ion:264 Resp: 329682

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 22.3 17.0 25.4



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

