

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041136.D
 Acq On : 8 Jun 2019 16:46
 Operator : HP/JU
 Sample : K3160-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-060619-C

Quant Time: Jun 09 23:25:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	41693	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	166673	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	129552	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	318087	20.00	ng	0.00
76) Chrysene-d12	21.75	240	326293	20.00	ng	0.00
87) Perylene-d12	25.07	264	337909	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	314510	136.02	ng	0.00
7) Phenol-d6	7.25	99	429532	120.29	ng	0.00
23) Nitrobenzene-d5	9.28	82	346095	92.18	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	217998	113.35	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	820596	91.22	ng	0.00
79) Terphenyl-d14	20.07	244	1453717	94.56	ng	0.00

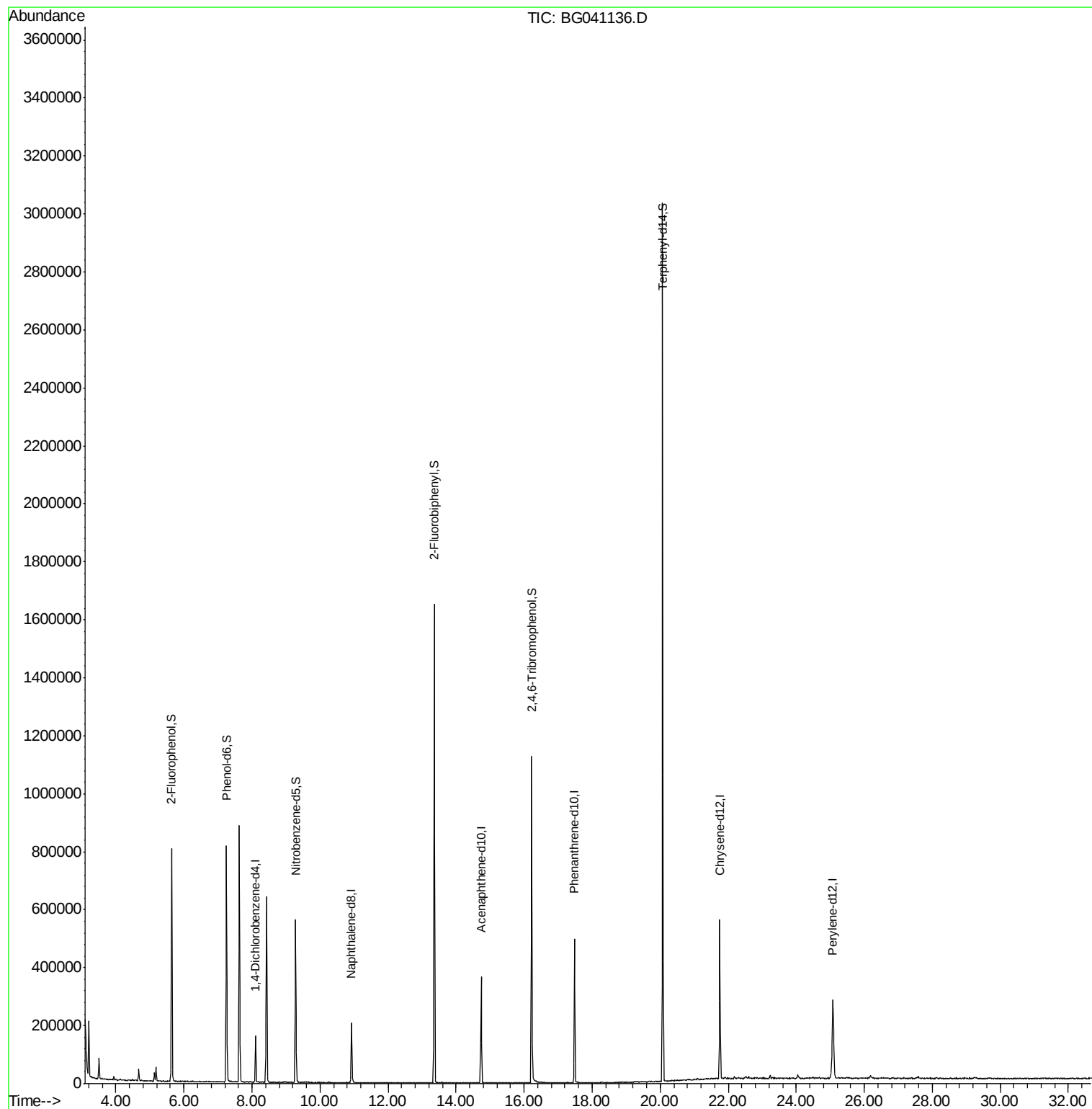
Target Compounds Qvalue

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

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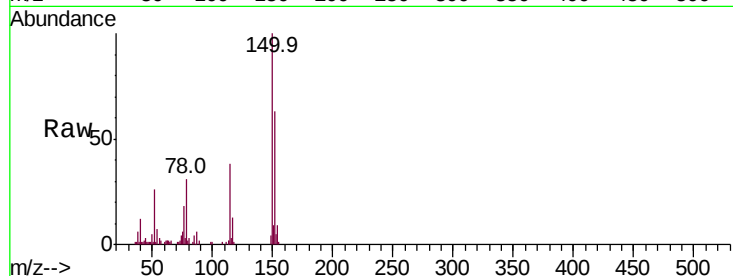


#1

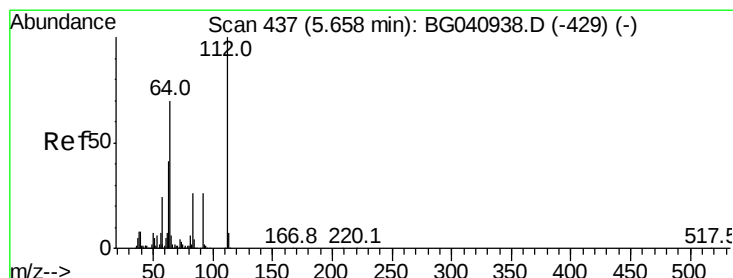
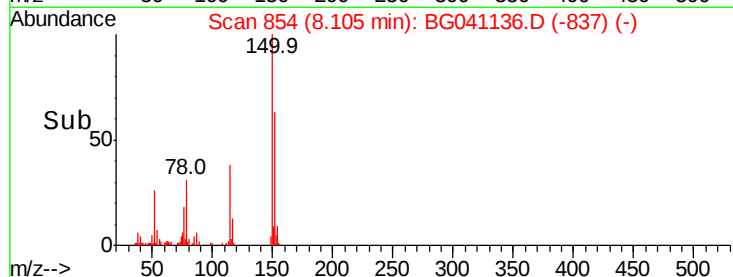
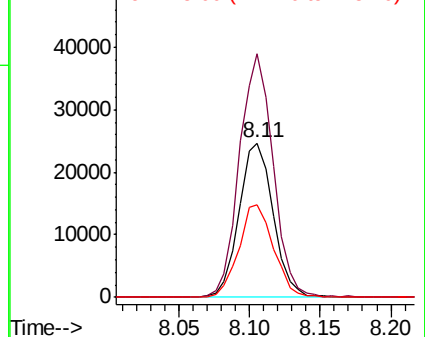
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041136.D
Acq: 8 Jun 2019 16:46

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-C

Tot Ion:152 Resp: 41693
Ion Ratio Lower Upper
152 100
150 157.9 120.6 180.8
115 60.1 45.1 67.7



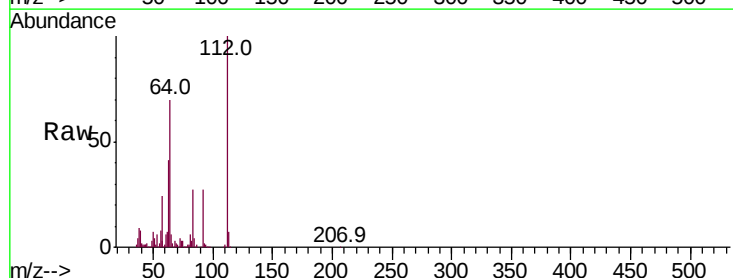
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



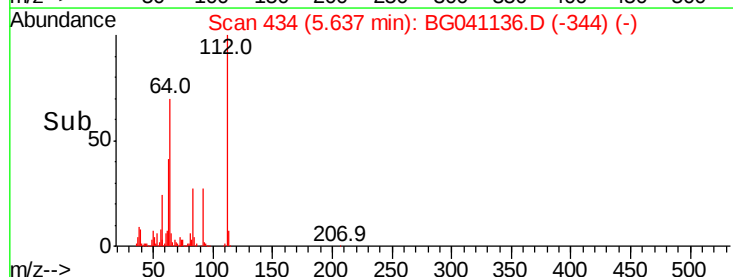
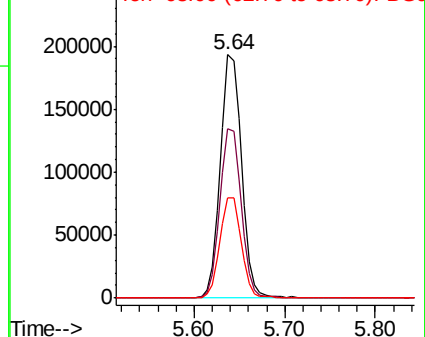
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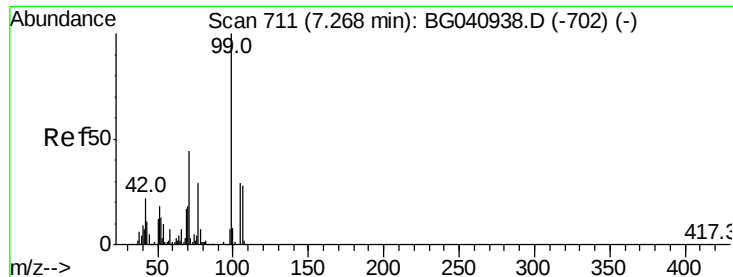
2-Fluorophenol
Concen: 136.025 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041136.D
Acq: 8 Jun 2019 16:46

Tgt Ion:112 Resp: 314510
Ion Ratio Lower Upper
112 100
64 69.6 56.2 84.2
63 41.0 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 120.288 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041136.D

Acq: 8 Jun 2019 16:46

Instrument :

BNA_G

ClientSampleId :

EO-02-060619-C

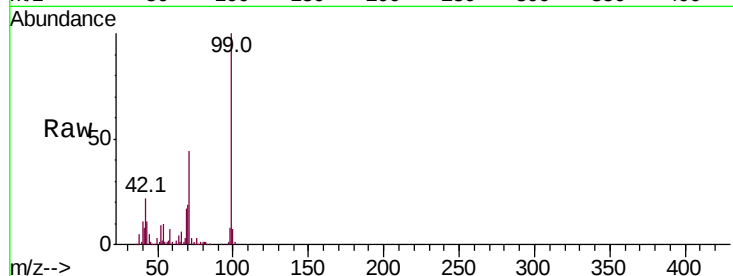
Tot Ion: 99 Resp: 429532

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

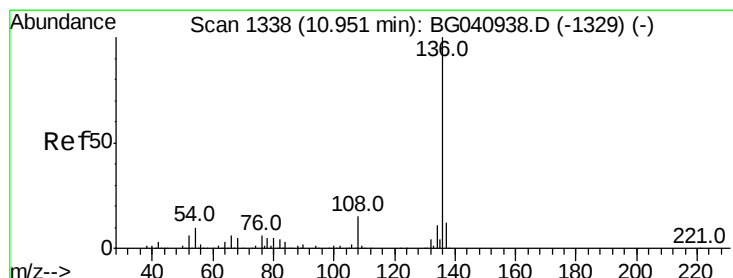
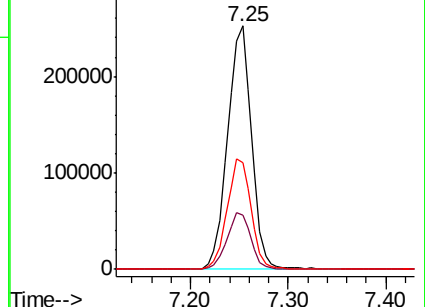
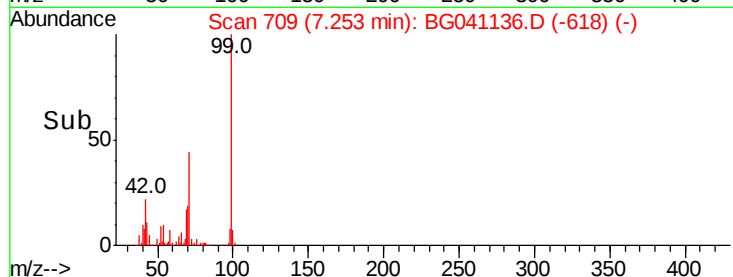
71 43.7 35.4 53.0



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. 0.00 min

Lab File: BG041136.D

Acq: 8 Jun 2019 16:46

Tgt Ion: 136 Resp: 166673

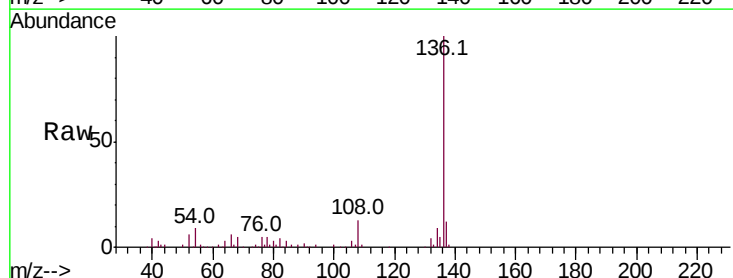
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 8.8 7.6 11.4

68 4.8 3.9 5.9

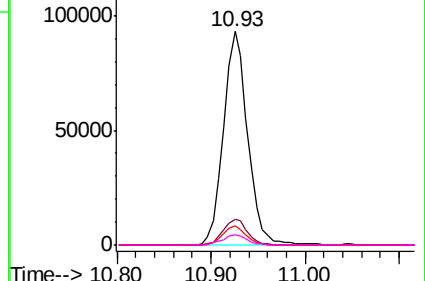
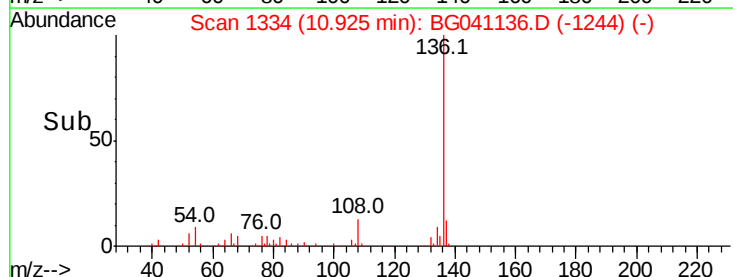


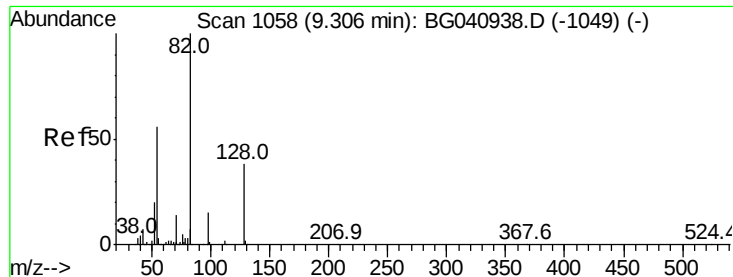
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

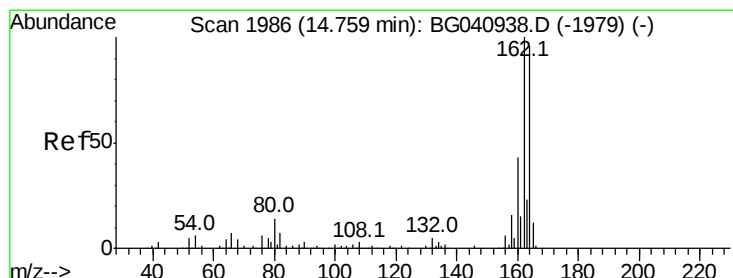
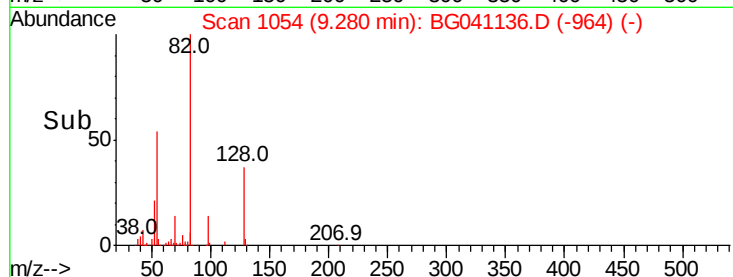
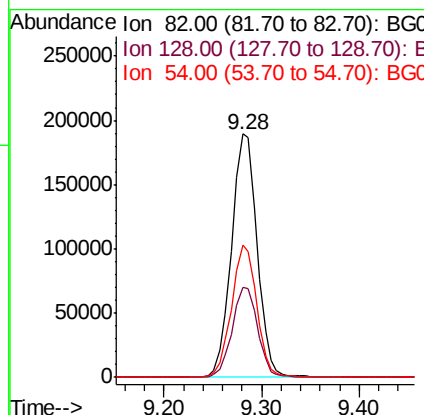
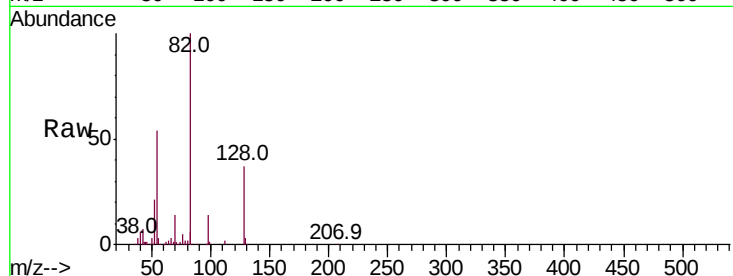




#23
Nitrobenzene-d5
Concen: 92.183 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041136.D
Acq: 8 Jun 2019 16:46

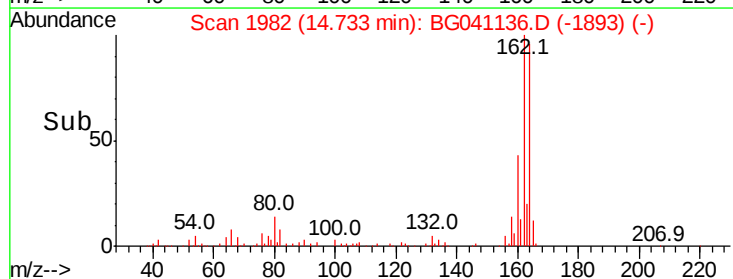
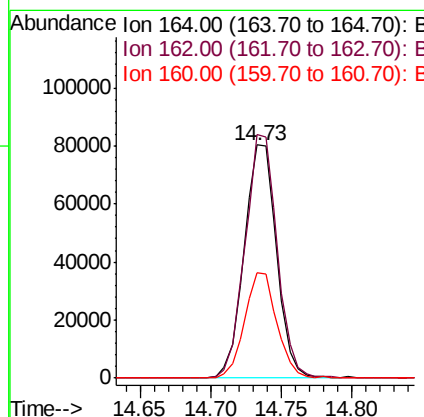
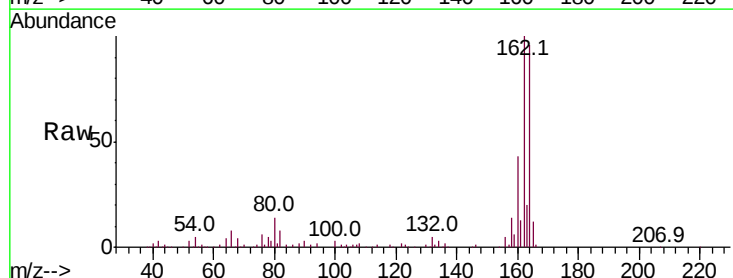
Instrument :
BNA_G
ClientSampleId :
EO-02-060619-C

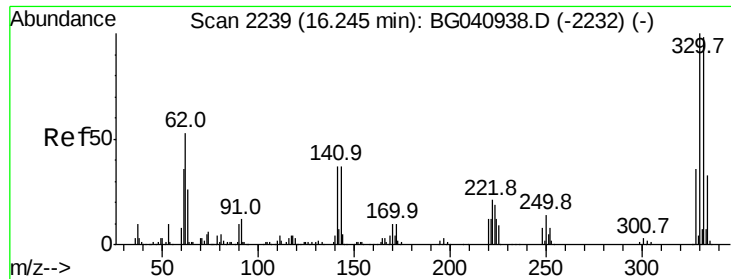
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.5	45.7
54	54.4	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG041136.D
Acq: 8 Jun 2019 16:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.0	124.4
160	45.0	35.6	53.4

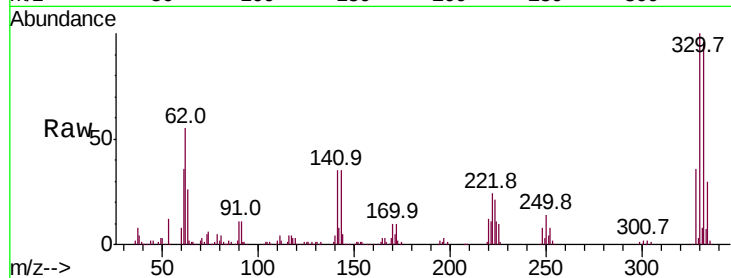




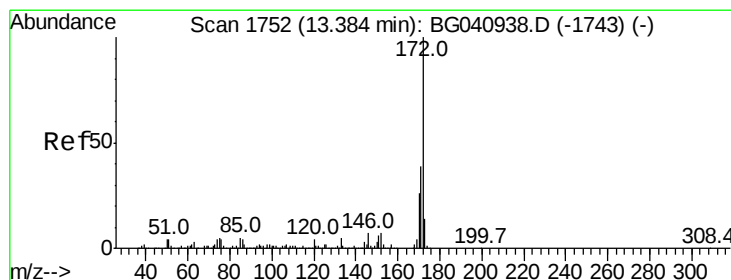
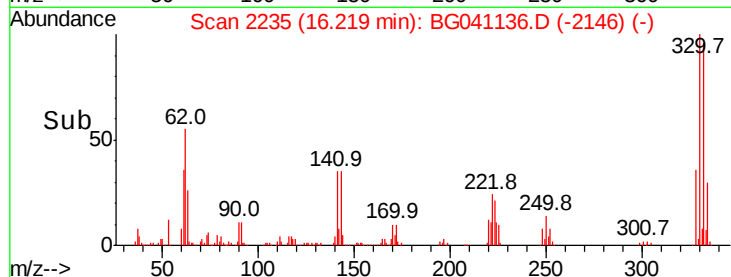
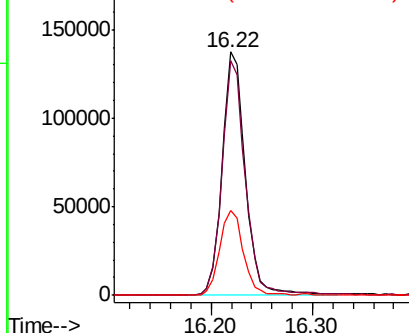
#42
 2,4,6-Tribromophenol
 Concen: 113.346 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BG041136.D
 Acq: 8 Jun 2019 16:46

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-060619-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.5	117.7
141	35.9	28.7	43.1

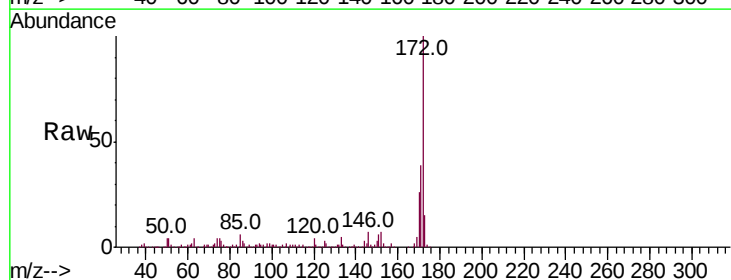


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

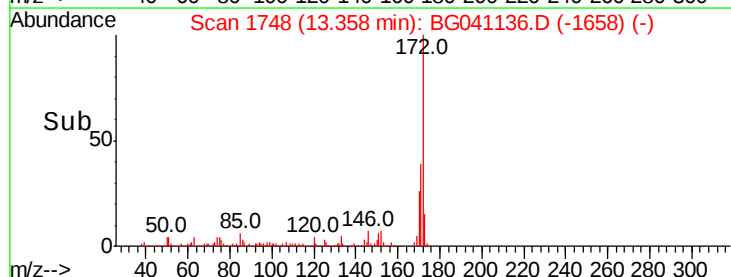
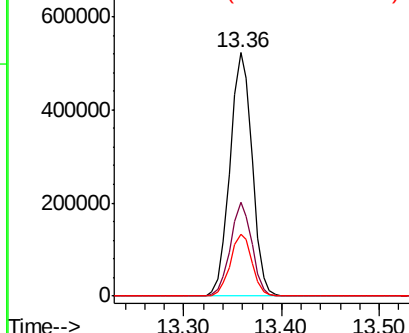


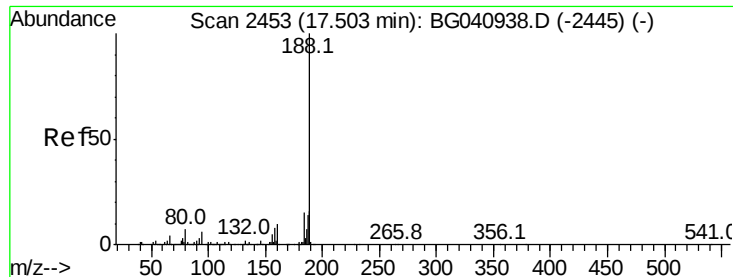
#45
 2-Fluorobiphenyl
 Concen: 91.218 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041136.D
 Acq: 8 Jun 2019 16:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.1	46.7
170	25.6	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

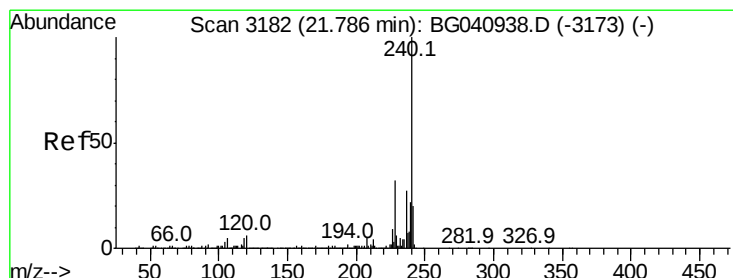
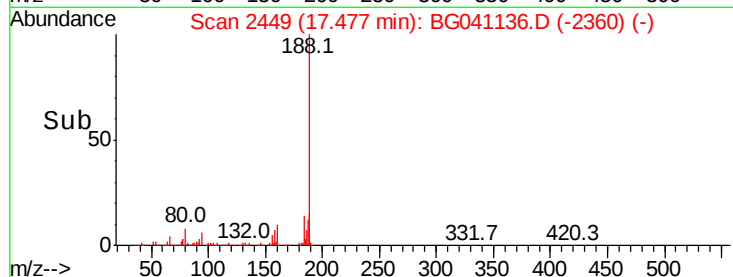
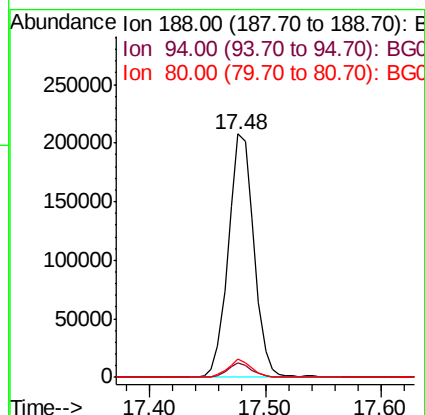
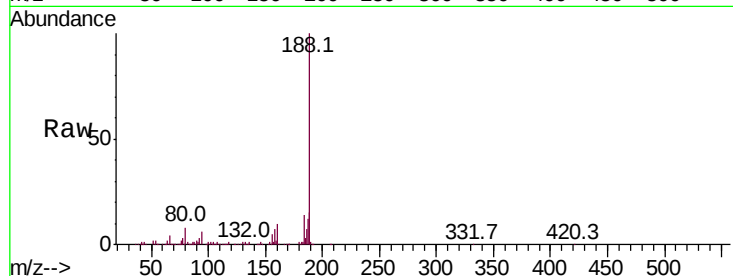




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG041136.D
Acq: 8 Jun 2019 16:46

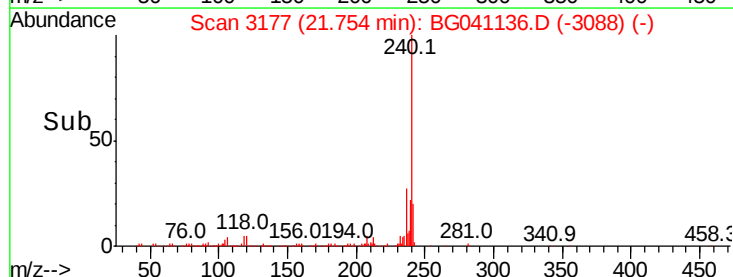
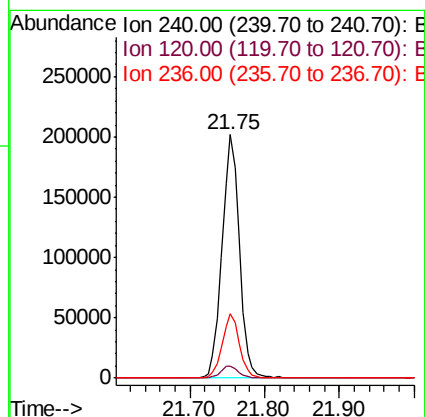
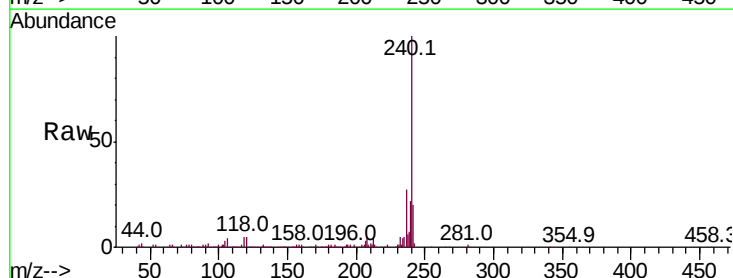
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BNA_G
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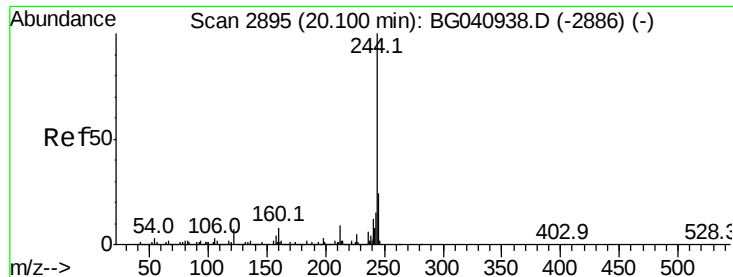
Tot Ion:188 Resp: 318087
Ion Ratio Lower Upper
188 100
94 5.9 4.7 7.1
80 7.7 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041136.D
Acq: 8 Jun 2019 16:46

Tgt Ion:240 Resp: 326293
Ion Ratio Lower Upper
240 100
120 4.8 4.5 6.7
236 26.6 21.3 31.9





#79

Terphenyl-d14

Concen: 94.556 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041136.D

Acq: 8 Jun 2019 16:46

Instrument :

BNA_G

ClientSampleId :

EO-02-060619-C

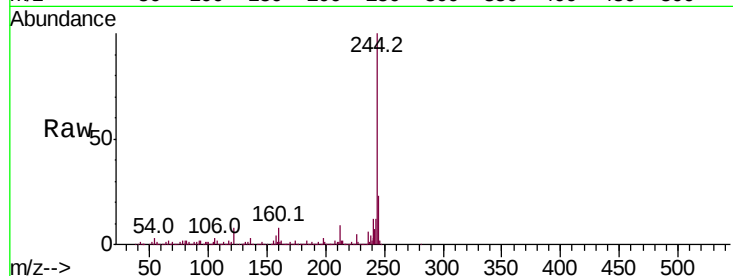
Tot Ion:244 Resp: 1453717

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

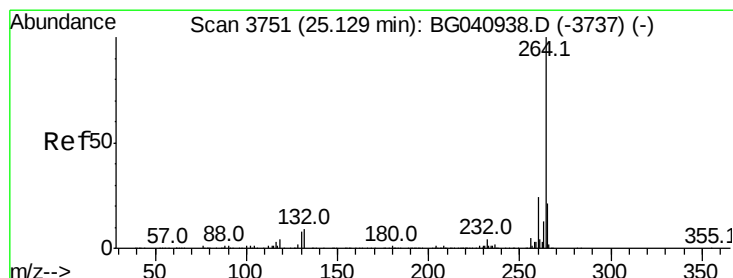
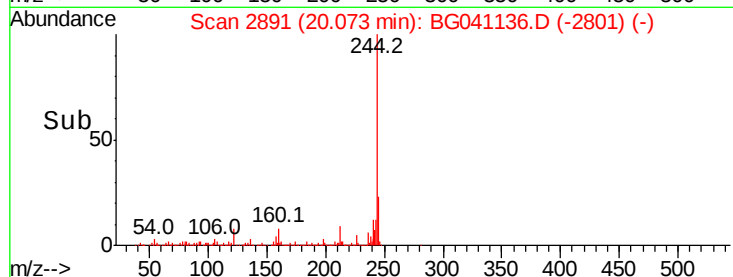
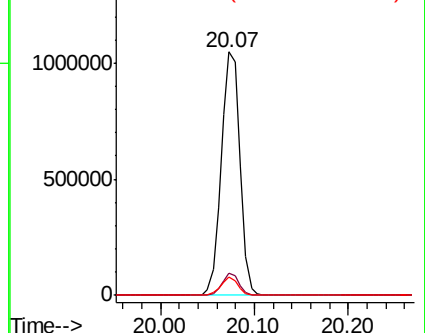
122 7.6 5.4 8.0



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. -0.01 min

Lab File: BG041136.D

Acq: 8 Jun 2019 16:46

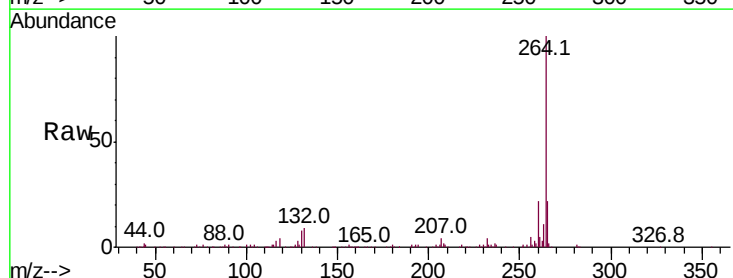
Tgt Ion:264 Resp: 337909

Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.4

265 22.1 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

