

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
 Data File : BG041409.D
 Acq On : 22 Jun 2019 18:52
 Operator : HP/JU
 Sample : K3159-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-061919-B

Quant Time: Jun 24 03:37:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23202	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	80723	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	55691	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	159126	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	207479	20.00	ng	-0.04
87) Perylene-d12	24.99	264	221496	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	143899	113.96	ng	-0.03
7) Phenol-d6	7.20	99	175812	96.05	ng	-0.03
23) Nitrobenzene-d5	9.23	82	164387	85.64	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	120655	141.12	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	376508	91.89	ng	-0.03
79) Terphenyl-d14	20.03	244	906340	86.57	ng	-0.03

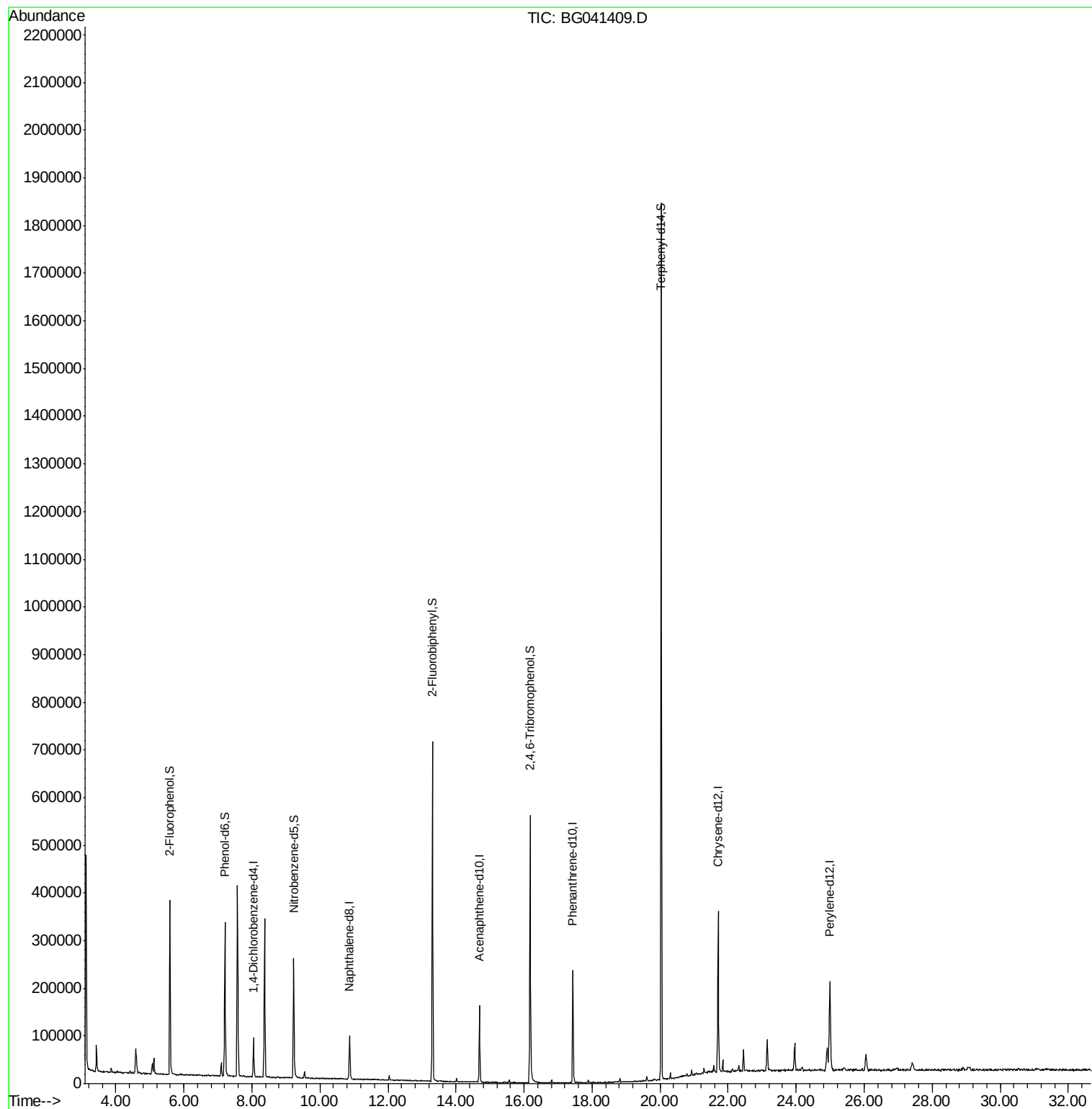
Target Compounds Qvalue

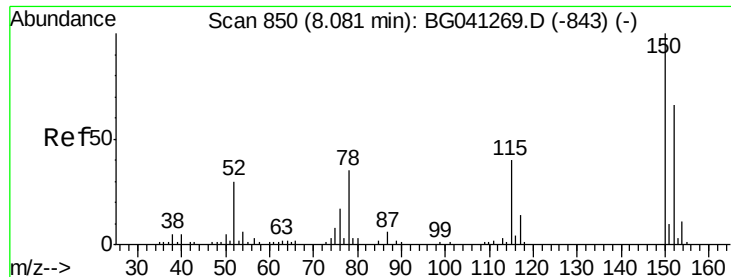
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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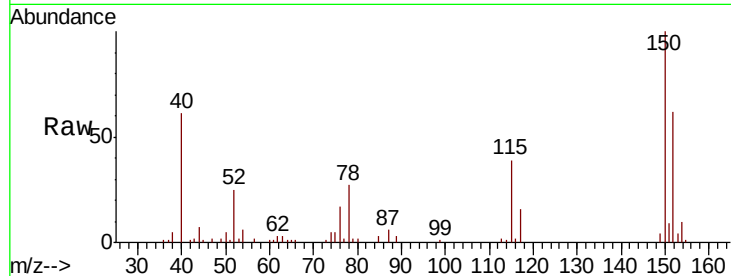


#1

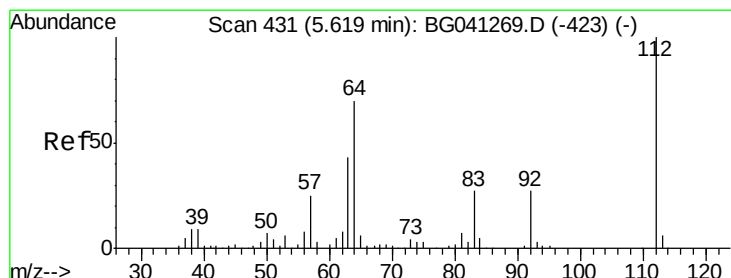
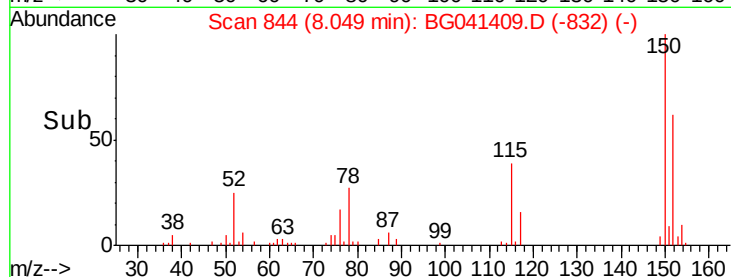
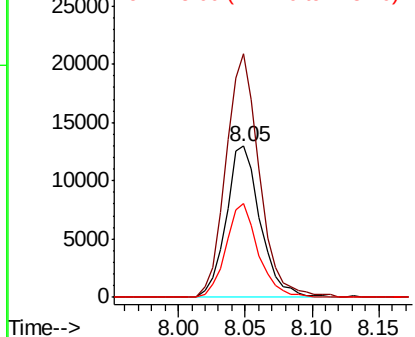
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041409.D
Acq: 22 Jun 2019 18:52

Instrument :
BNA_G
ClientSampleId :
OR-02-061919-B

Tot Ion:152 Resp: 23202
Ion Ratio Lower Upper
152 100
150 161.4 120.6 181.0
115 62.2 47.9 71.9



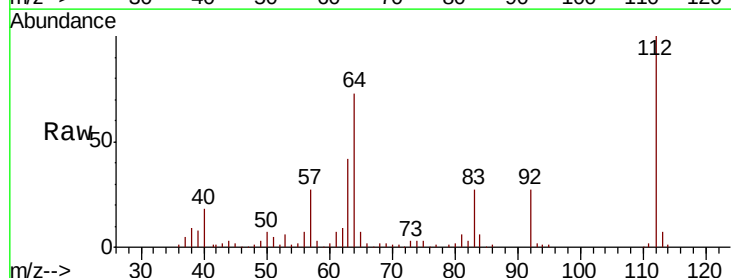
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



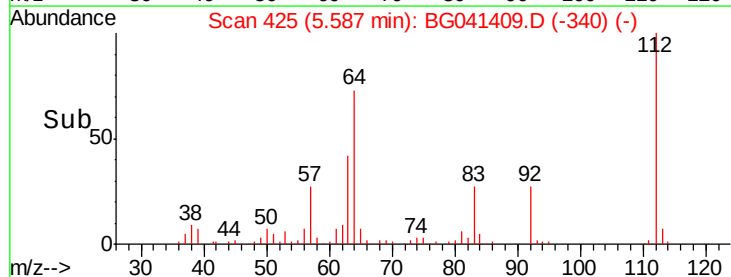
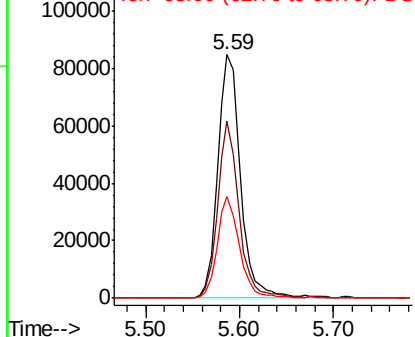
#5

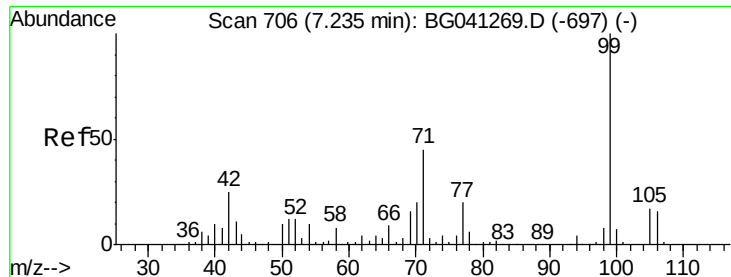
2-Fluorophenol
Concen: 113.957 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.03 min
Lab File: BG041409.D
Acq: 22 Jun 2019 18:52

Tgt Ion:112 Resp: 143899
Ion Ratio Lower Upper
112 100
64 72.7 55.9 83.9
63 41.6 34.6 51.8



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: 96.053 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041409.D

Acq: 22 Jun 2019 18:52

Instrument :

BNA_G

ClientSampleId :

OR-02-061919-B

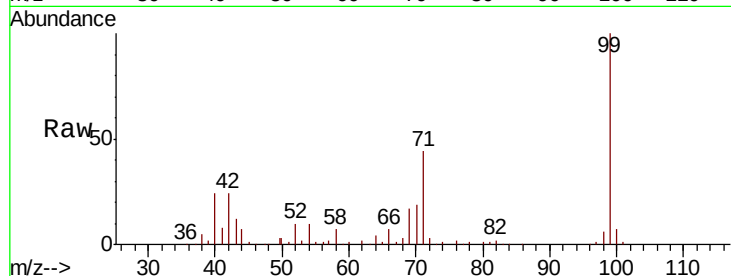
Tot Ion: 99 Resp: 175812

Ion Ratio Lower Upper

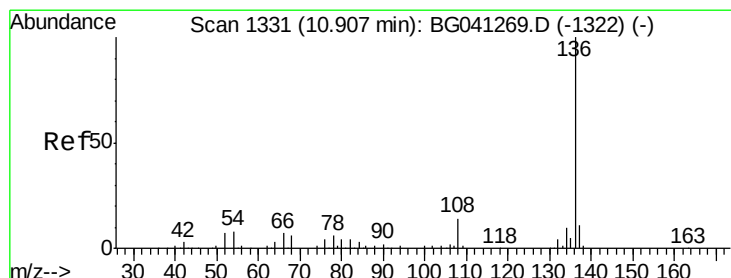
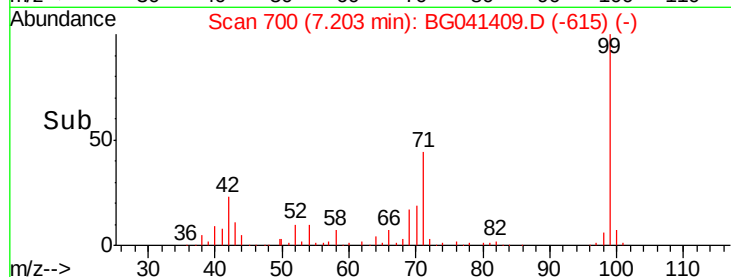
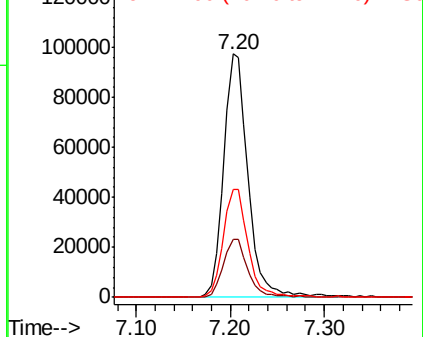
99 100

42 23.6 19.9 29.9

71 44.2 36.4 54.6



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: 10.87 min Scan# 1324

Delta R.T. -0.04 min

Lab File: BG041409.D

Acq: 22 Jun 2019 18:52

Tgt Ion: 136 Resp: 80723

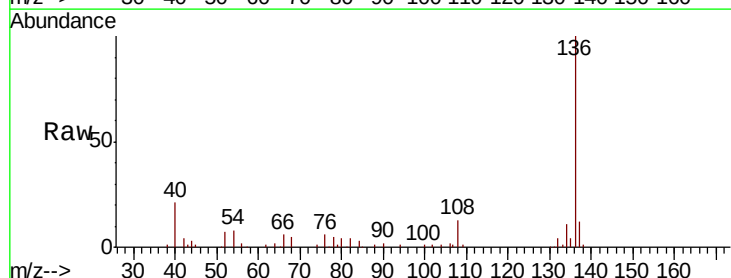
Ion Ratio Lower Upper

136 100

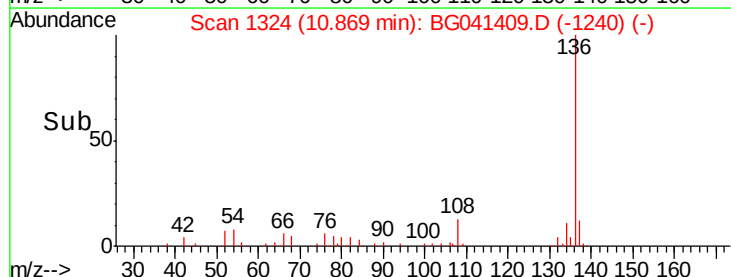
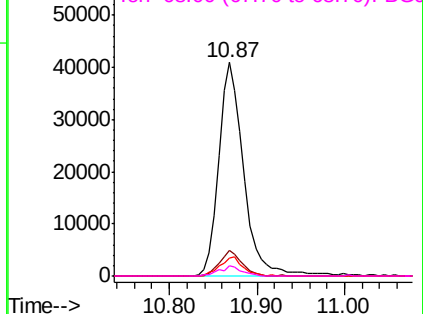
137 12.2 8.8 13.2

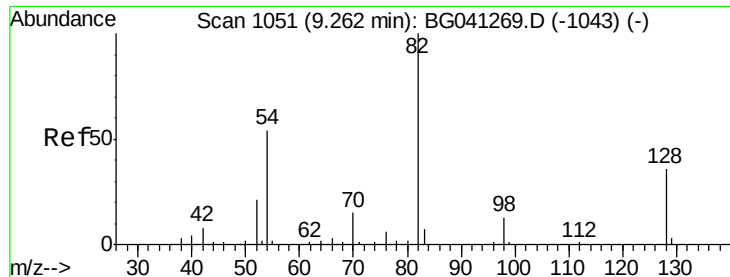
54 8.2 6.4 9.6

68 5.0 4.8 7.2



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

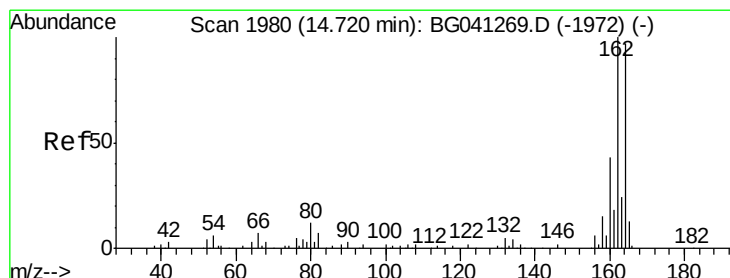
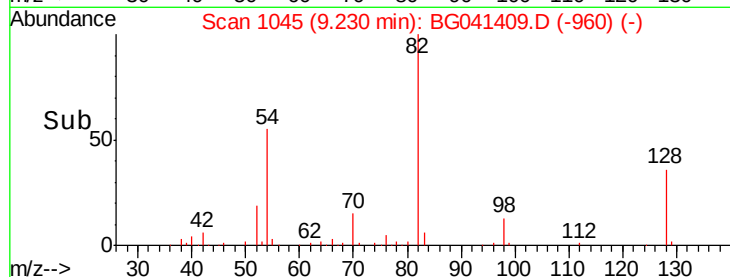
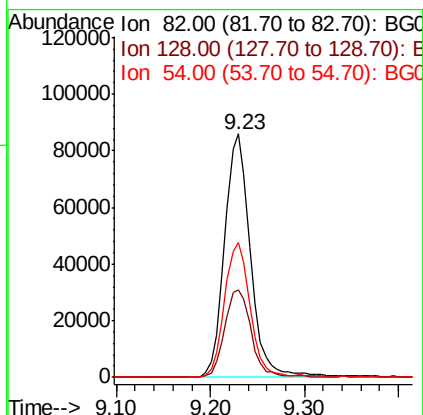
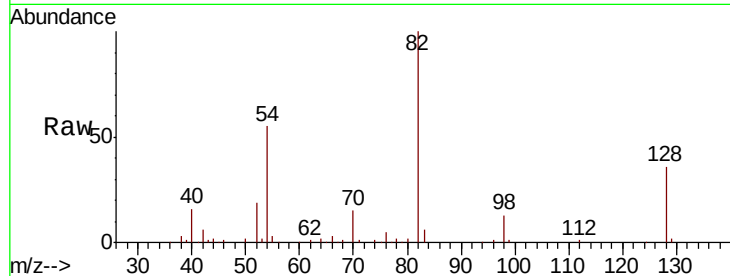




#23
Nitrobenzene-d5
Concen: 85.645 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041409.D
Acq: 22 Jun 2019 18:52

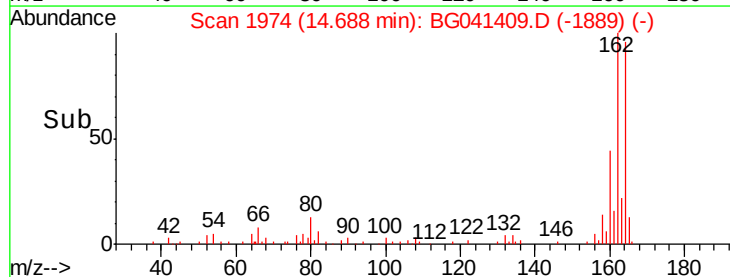
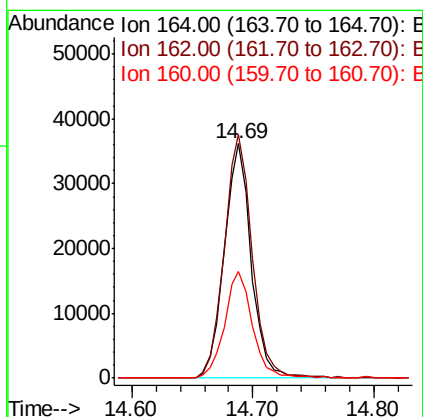
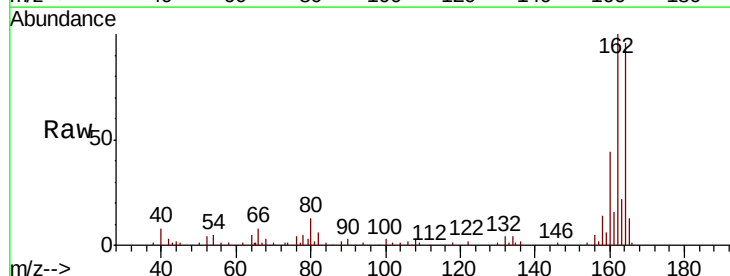
Instrument :
BNA_G
ClientSampleId :
OR-02-061919-B

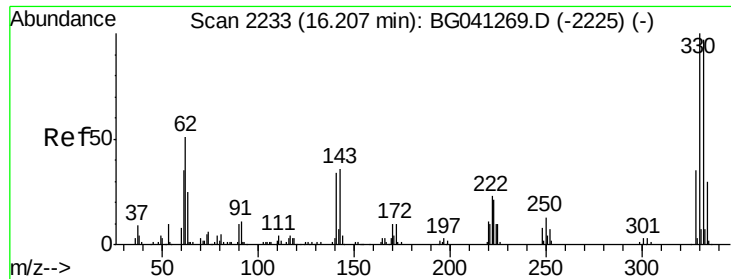
Tot Ion	82	Resp	164387
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.2	43.8
54	55.2	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041409.D
Acq: 22 Jun 2019 18:52

Tgt Ion	164	Resp	55691
Ion Ratio	Lower	Upper	
164	100		
162	103.9	82.8	124.2
160	45.8	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 141.120 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041409.D

Acq: 22 Jun 2019 18:52

Instrument :

BNA_G

ClientSampleId :

OR-02-061919-B

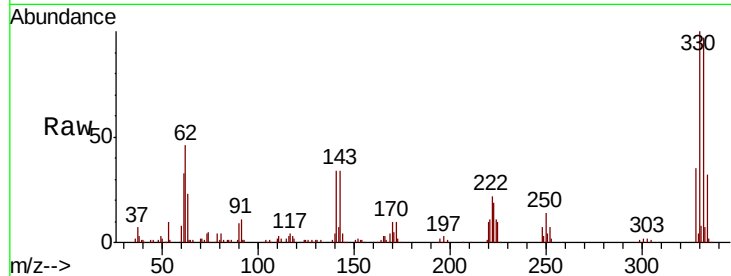
Tot Ion:330 Resp: 120655

Ion Ratio Lower Upper

330 100

332 96.8 75.5 113.3

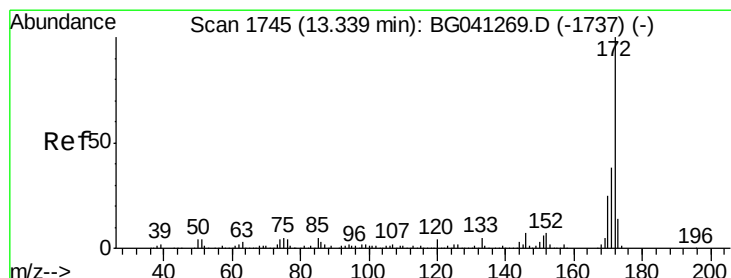
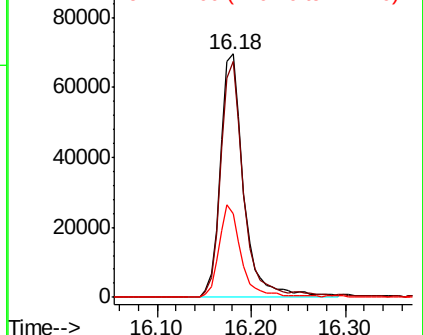
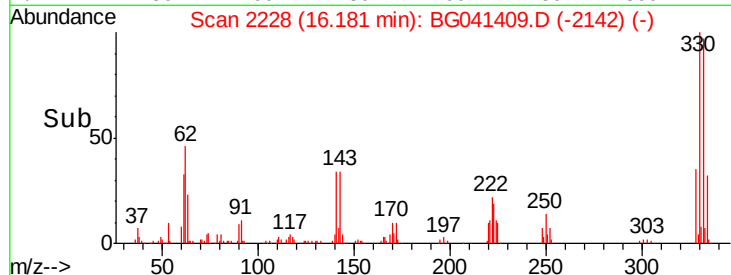
141 36.0 29.0 43.4



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: 91.888 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.03 min

Lab File: BG041409.D

Acq: 22 Jun 2019 18:52

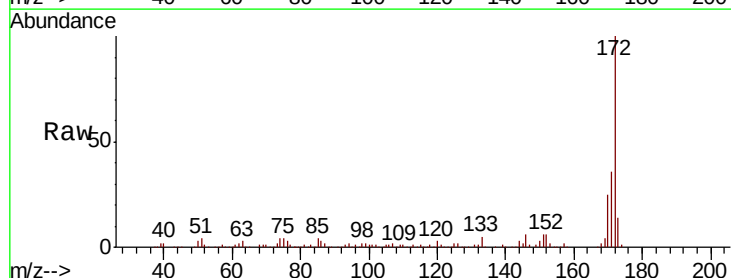
Tgt Ion:172 Resp: 376508

Ion Ratio Lower Upper

172 100

171 36.0 30.0 45.0

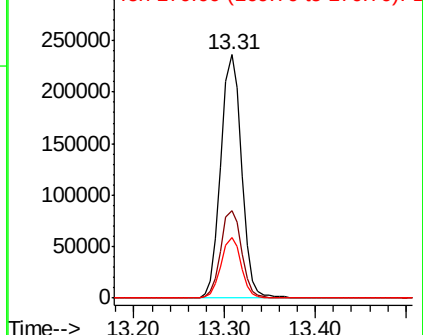
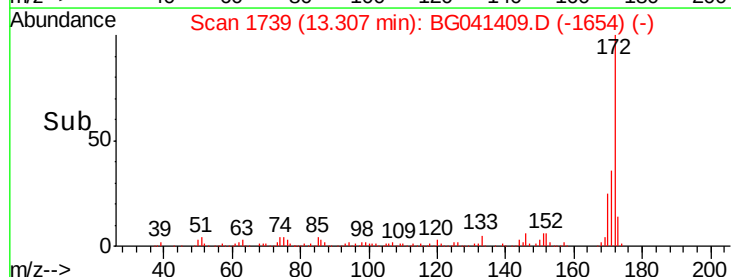
170 24.7 19.8 29.6

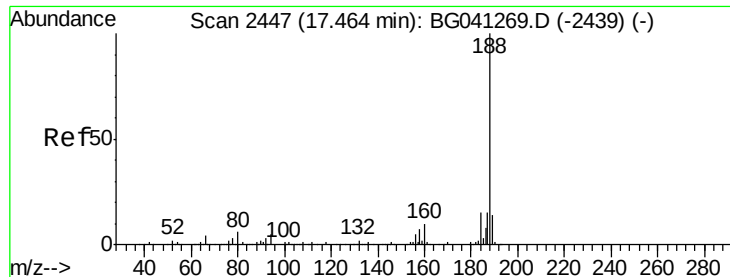


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

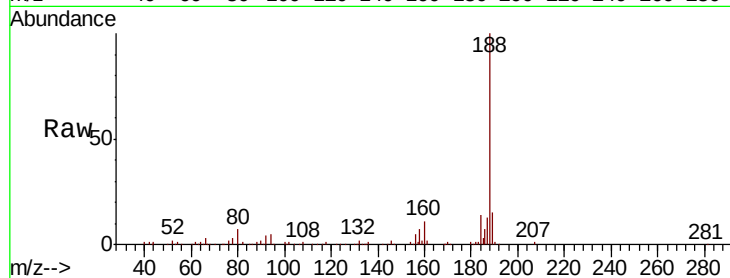




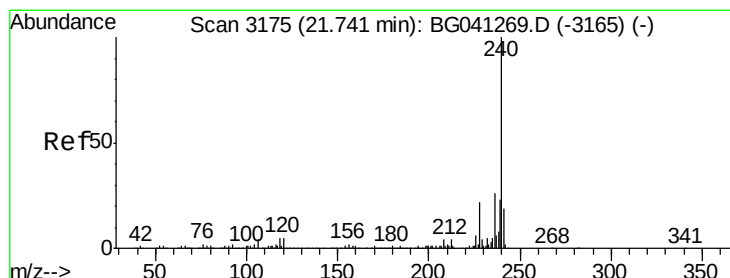
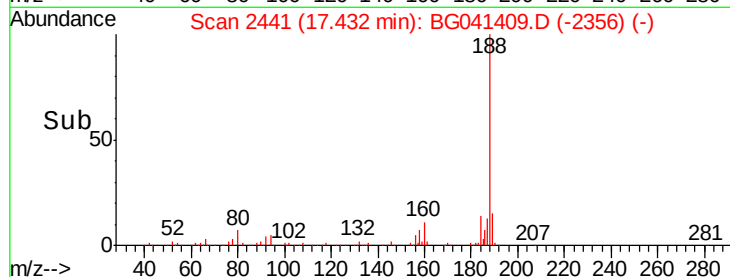
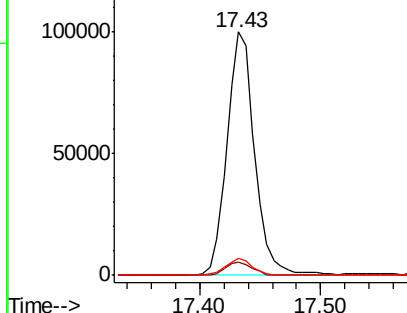
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.03 min
Lab File: BG041409.D
Acq: 22 Jun 2019 18:52

Instrument :
BNA_G
ClientSampleId :
OR-02-061919-B

Tot Ion:188 Resp: 159126
Ion Ratio Lower Upper
188 100
94 5.4 3.6 5.4
80 6.9 4.8 7.2

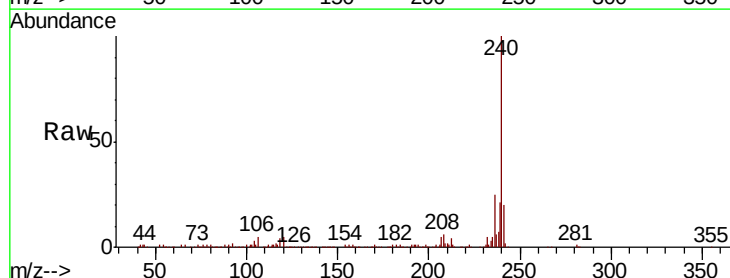


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

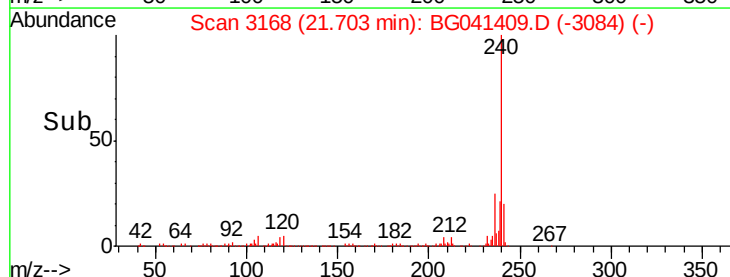
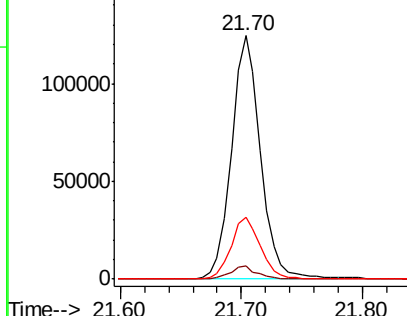


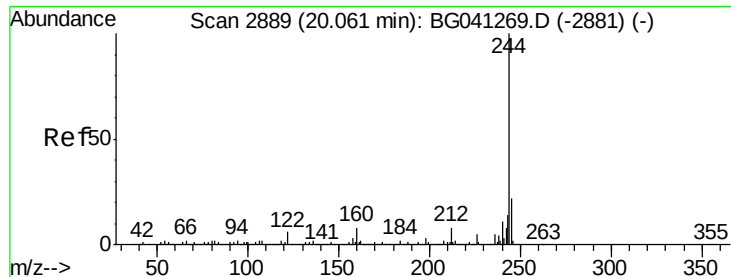
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041409.D
Acq: 22 Jun 2019 18:52

Tgt Ion:240 Resp: 207479
Ion Ratio Lower Upper
240 100
120 5.2 3.7 5.5
236 25.2 21.1 31.7



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: 86.572 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041409.D

Acq: 22 Jun 2019 18:52

Instrument :

BNA_G

ClientSampleId :

OR-02-061919-B

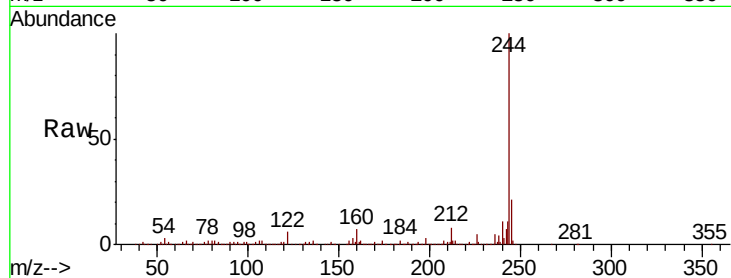
Tot Ion:244 Resp: 906340

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

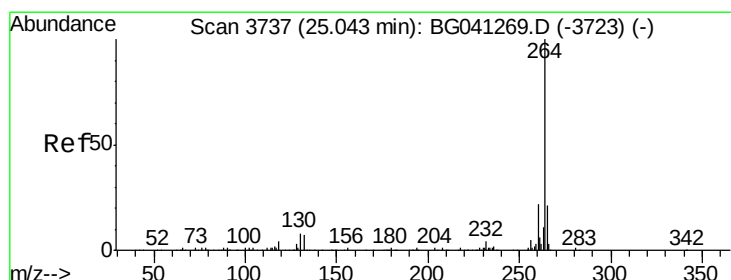
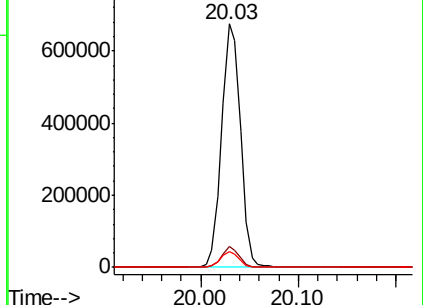
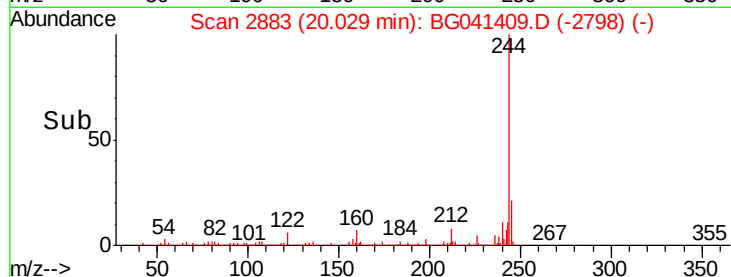
122 6.5 5.0 7.4



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: 24.99 min Scan# 3728

Delta R.T. -0.05 min

Lab File: BG041409.D

Acq: 22 Jun 2019 18:52

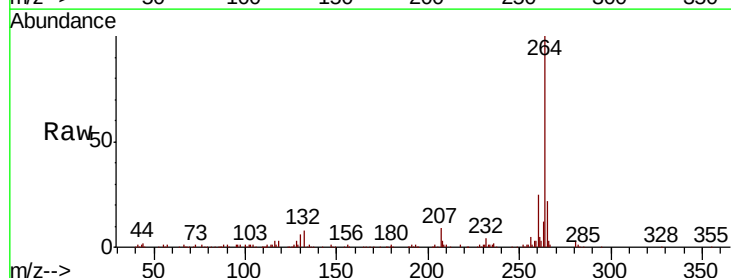
Tgt Ion:264 Resp: 221496

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.2

265 21.9 17.2 25.8



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

