

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
 Data File : BG041364.D
 Acq On : 20 Jun 2019 19:38
 Operator : HP/JU
 Sample : K3382-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUMP

Quant Time: Jun 21 02:23:48 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	8.08	152	39458	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	144731	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	102333	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	235981	20.00	ng	0.00
76) Chrysene-d12	21.74	240	223225	20.00	ng	0.00
87) Perylene-d12	25.07	264	147029	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	133123	61.99	ng	0.00
7) Phenol-d6	7.24	99	122539	39.37	ng	0.00
23) Nitrobenzene-d5	9.27	82	296188	86.07	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	207069	131.80	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	700859	93.09	ng	0.00
79) Terphenyl-d14	20.06	244	1057472	93.88	ng	0.00

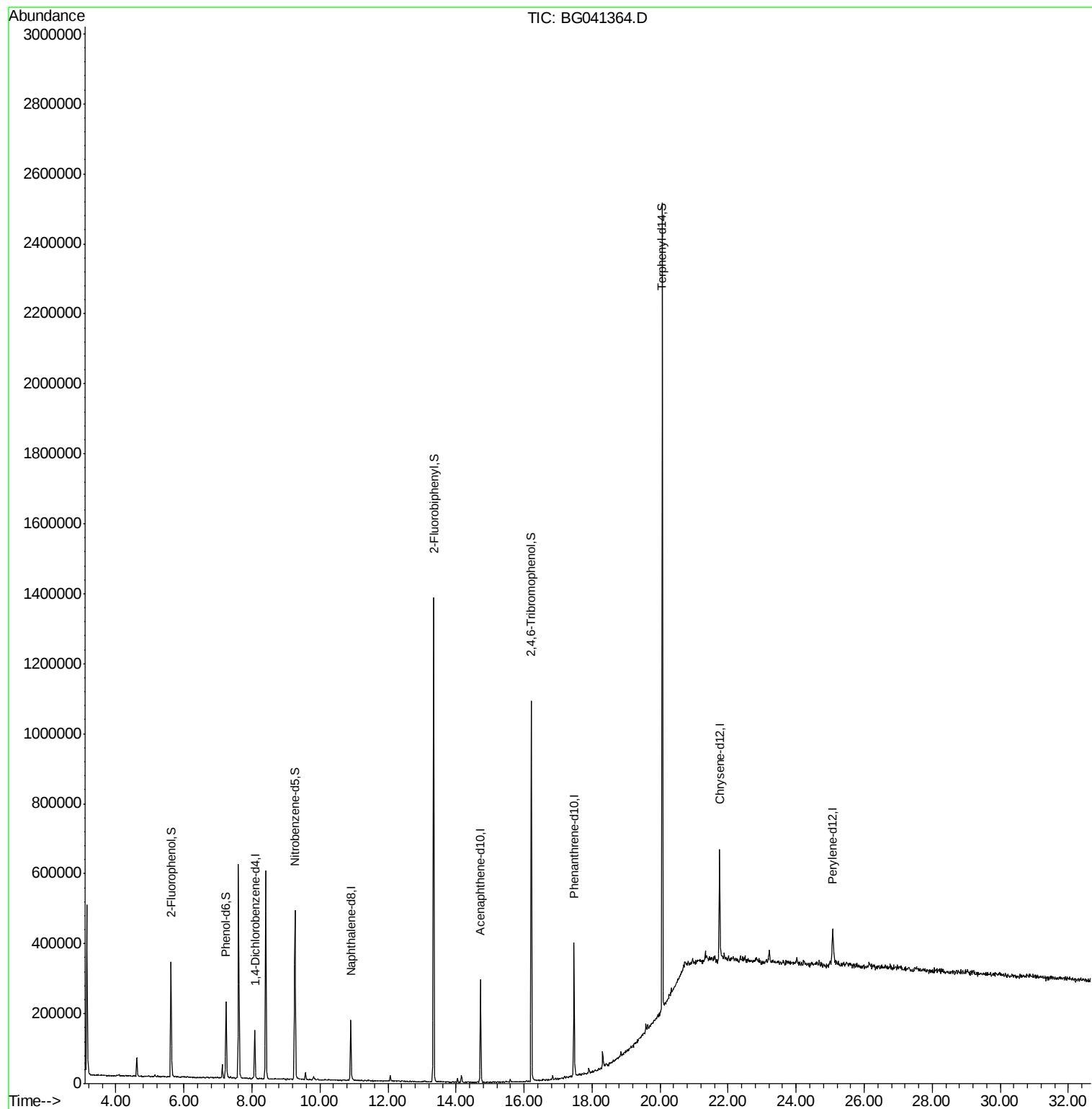
Target Compounds	Qvalue
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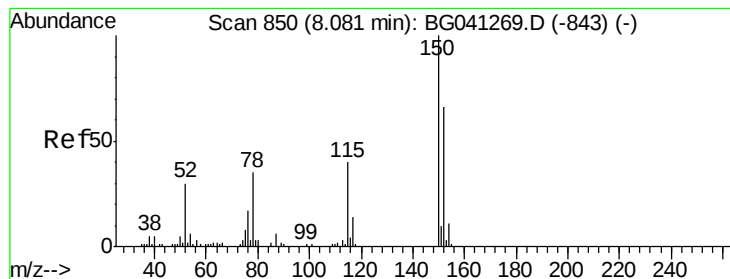
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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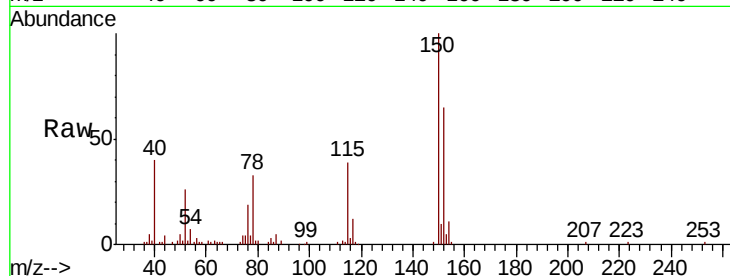


#1

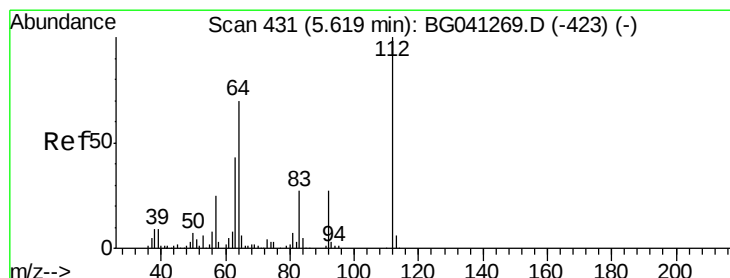
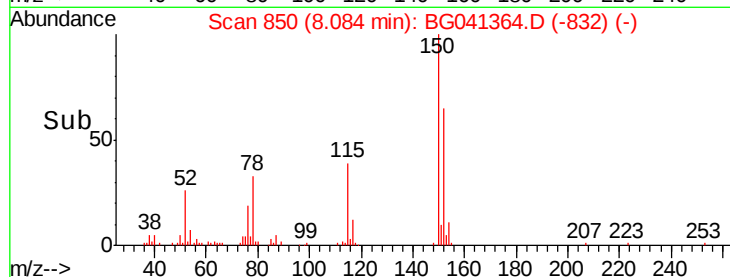
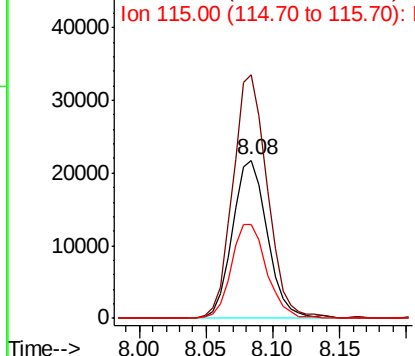
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041364.D
Acq: 20 Jun 2019 19:38

Instrument :
BNA_G
ClientSampleId :
SUMP

Tgt Ion:152 Resp: 39458
Ion Ratio Lower Upper
152 100
150 154.1 120.6 181.0
115 59.5 47.9 71.9



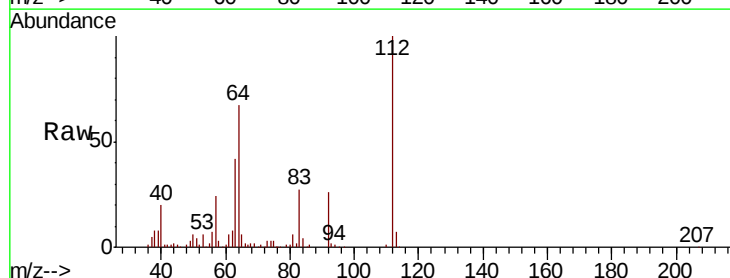
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



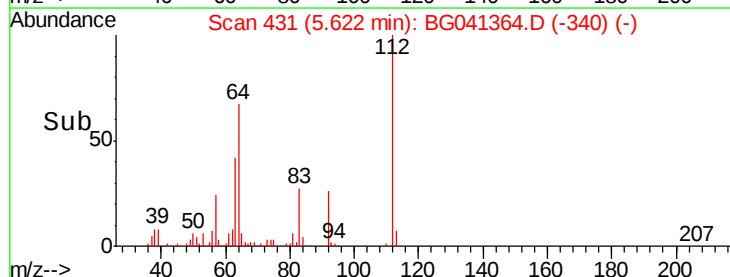
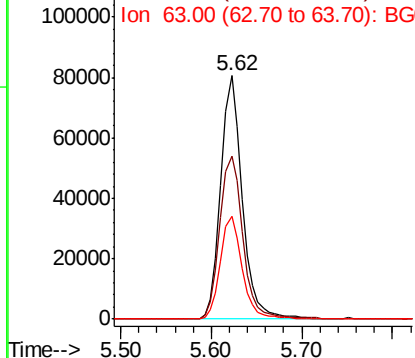
#5

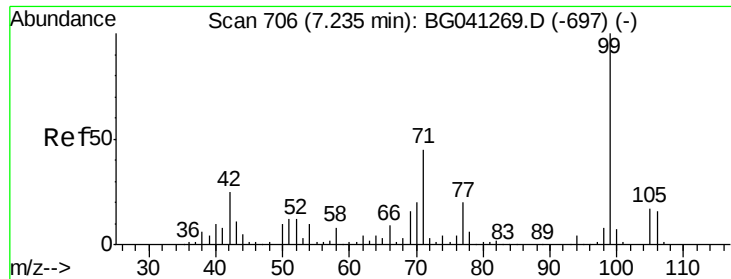
2-Fluorophenol
Concen: 61.991 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041364.D
Acq: 20 Jun 2019 19:38

Tgt Ion:112 Resp: 133123
Ion Ratio Lower Upper
112 100
64 67.0 55.9 83.9
63 42.2 34.6 51.8



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





#7

Phenol-d6

Concen: 39.366 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041364.D

Acq: 20 Jun 2019 19:38

Instrument :

BNA_G

ClientSampleId :

SUMP

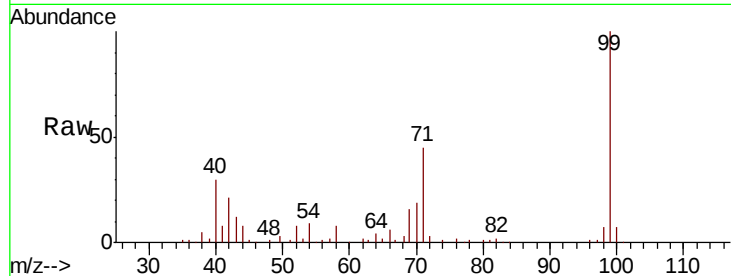
Tgt Ion: 99 Resp: 122539

Ion Ratio Lower Upper

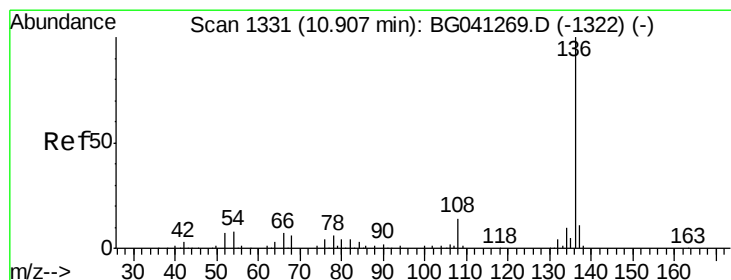
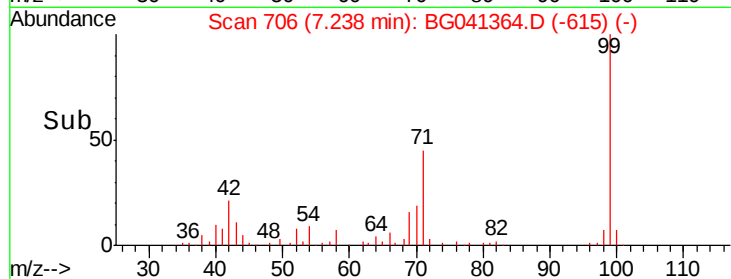
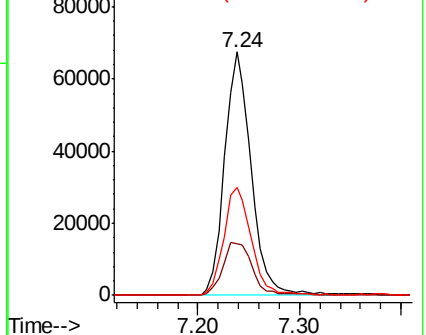
99 100

42 21.1 19.9 29.9

71 44.5 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: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041364.D

Acq: 20 Jun 2019 19:38

Tgt Ion: 136 Resp: 144731

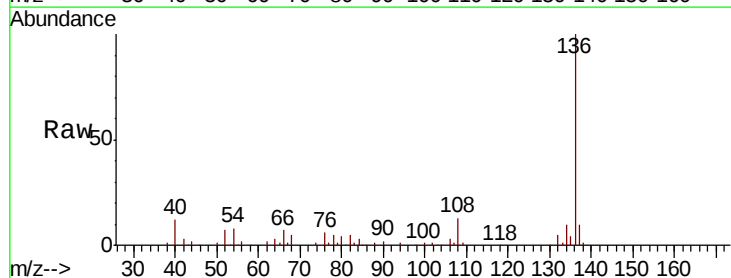
Ion Ratio Lower Upper

136 100

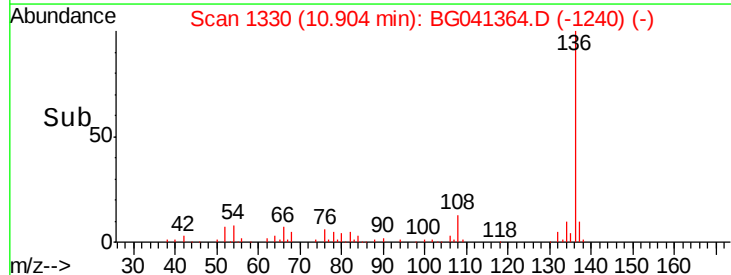
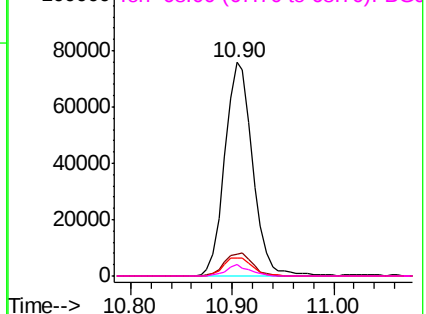
137 10.4 8.8 13.2

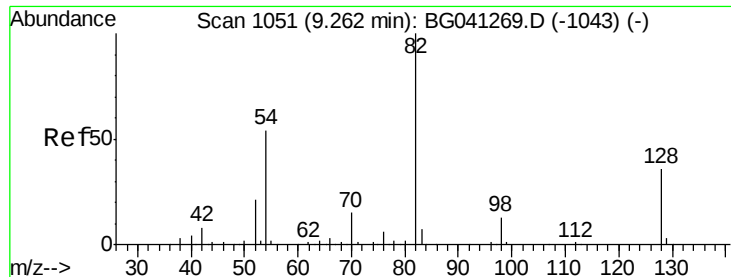
54 8.2 6.4 9.6

68 5.2 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

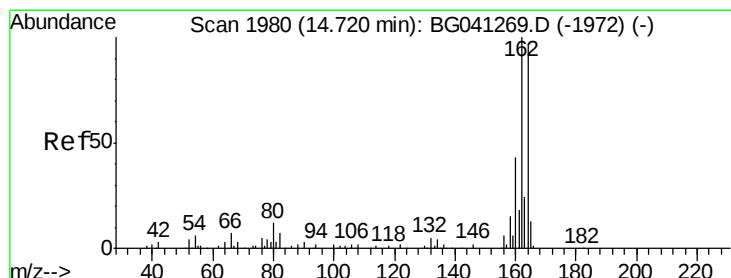
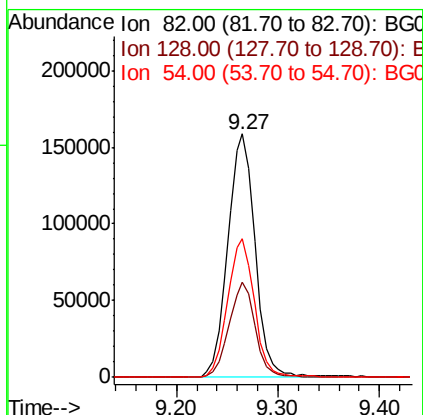
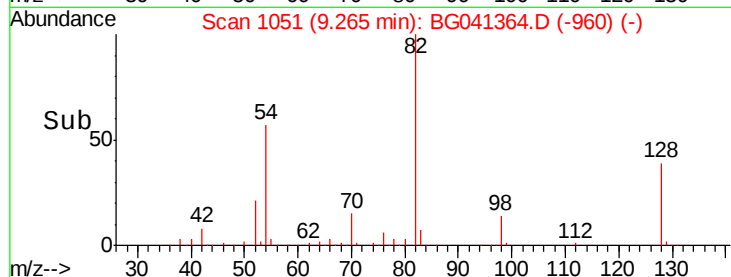
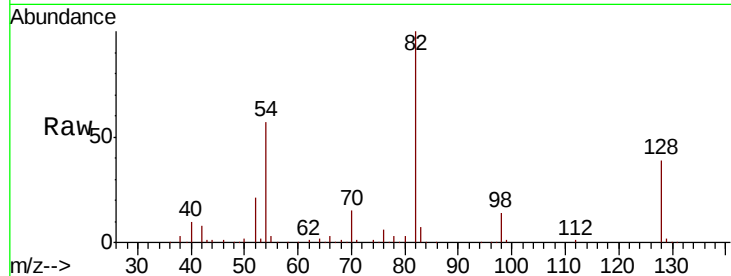




#23
Nitrobenzene-d5
Concen: 86.067 ng
RT: 9.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041364.D
Acq: 20 Jun 2019 19:38

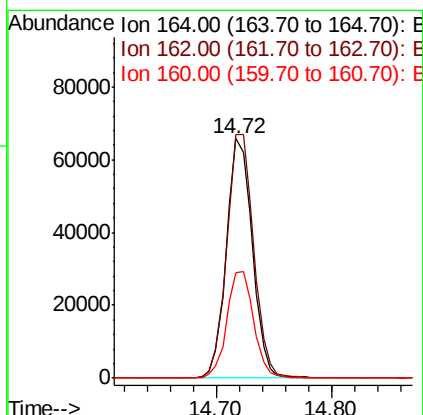
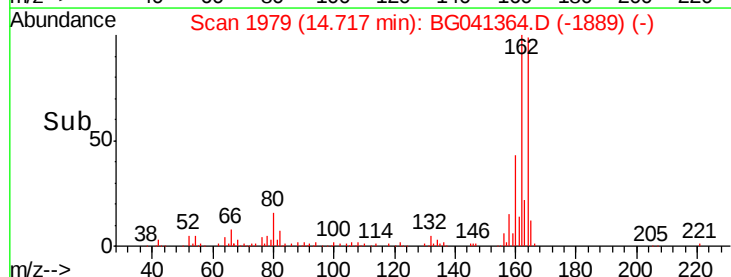
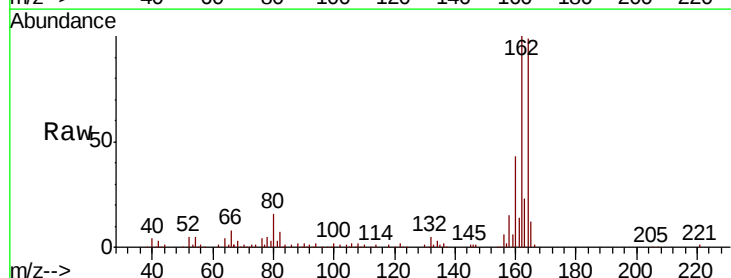
Instrument :
BNA_G
ClientSampleId :
SUMP

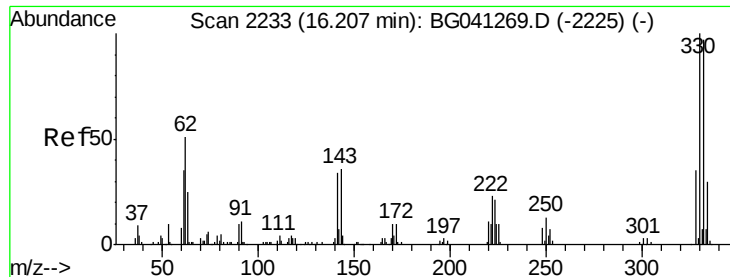
Tgt Ion: 82 Resp: 296188
Ion Ratio Lower Upper
82 100
128 38.9 29.2 43.8
54 57.1 43.4 65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041364.D
Acq: 20 Jun 2019 19:38

Tgt Ion: 164 Resp: 102333
Ion Ratio Lower Upper
164 100
162 101.5 82.8 124.2
160 44.1 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 131.804 ng

RT: 16.22 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BG041364.D

Acq: 20 Jun 2019 19:38

Instrument :

BNA_G

ClientSampleId :

SUMP

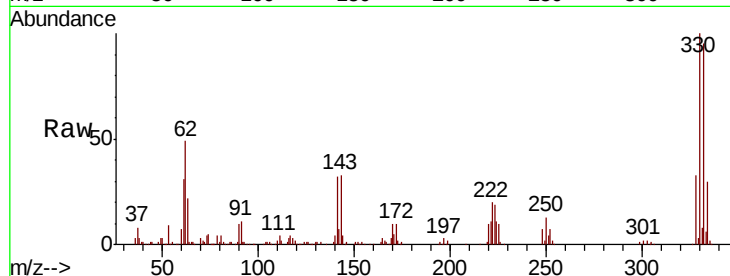
Tgt Ion:330 Resp: 207069

Ion Ratio Lower Upper

330 100

332 96.5 75.5 113.3

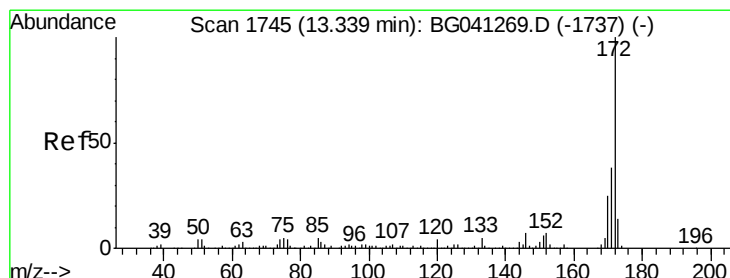
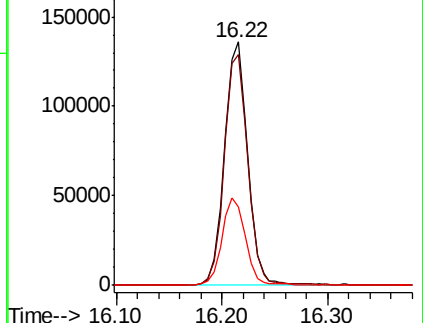
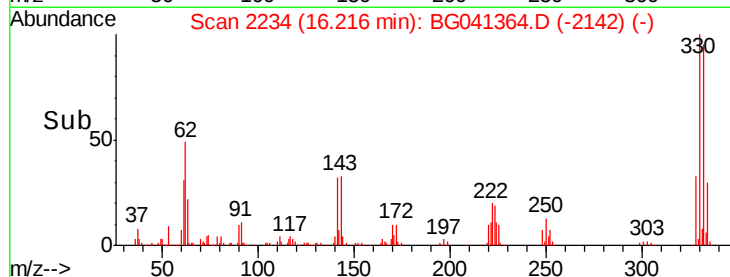
141 36.3 29.0 43.4



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: 93.086 ng

RT: 13.34 min Scan# 1745

Delta R.T. 0.00 min

Lab File: BG041364.D

Acq: 20 Jun 2019 19:38

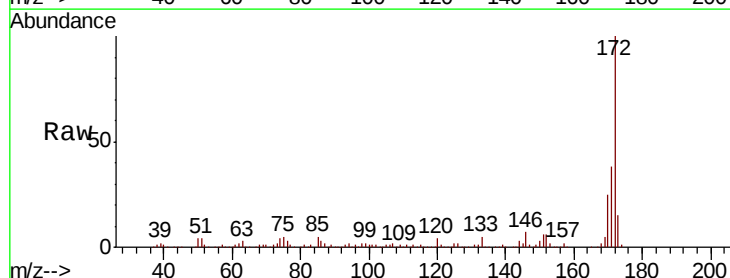
Tgt Ion:172 Resp: 700859

Ion Ratio Lower Upper

172 100

171 37.9 30.0 45.0

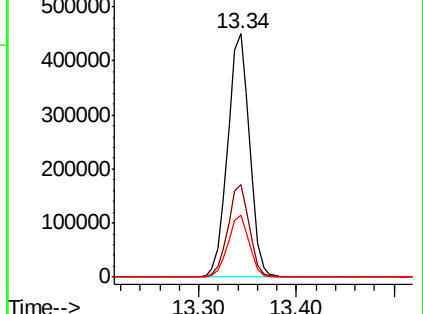
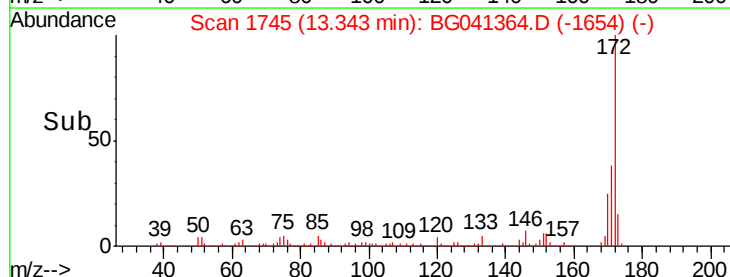
170 25.2 19.8 29.6

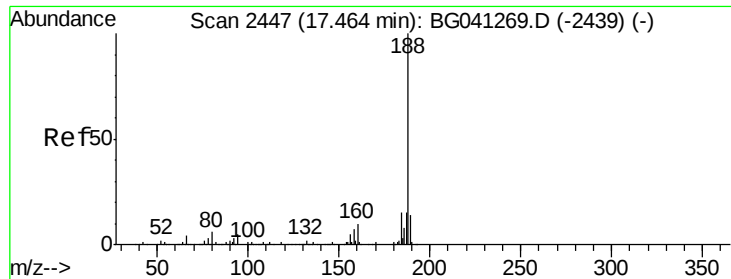


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

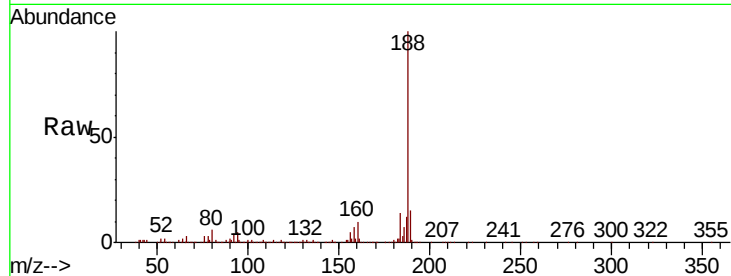




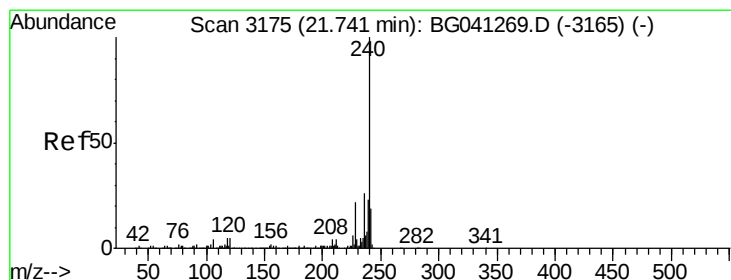
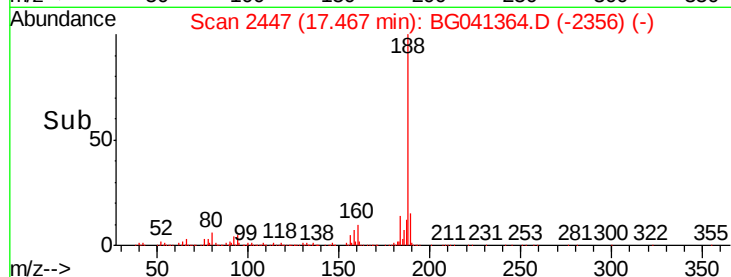
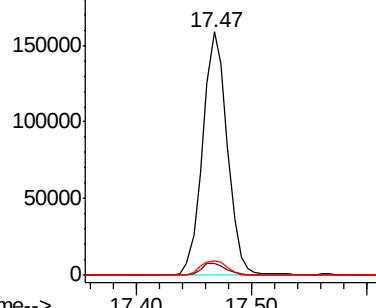
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041364.D
Acq: 20 Jun 2019 19:38

Instrument :
BNA_G
ClientSampleId :
SUMP

Tgt Ion:188 Resp: 235981
Ion Ratio Lower Upper
188 100
94 5.9 3.6 5.4#
80 6.2 4.8 7.2

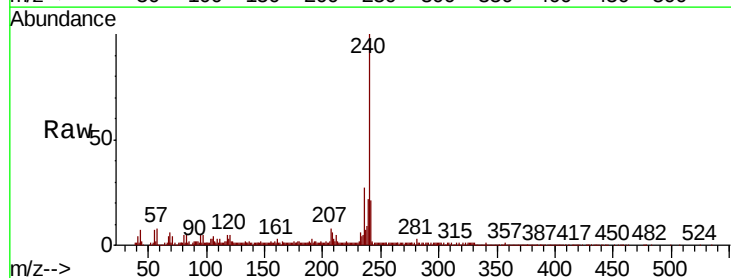


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

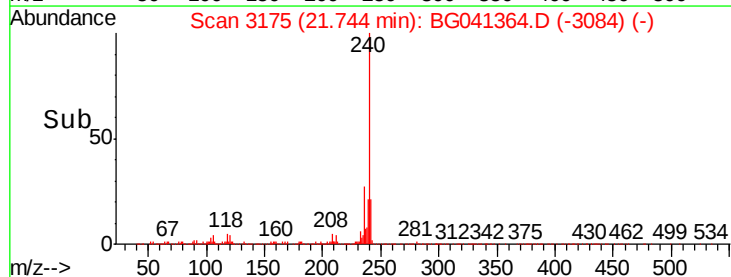
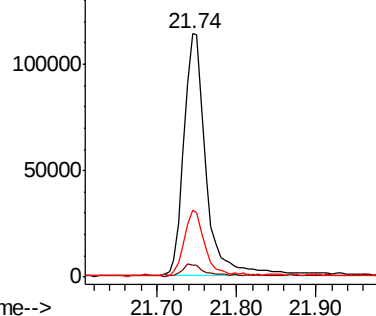


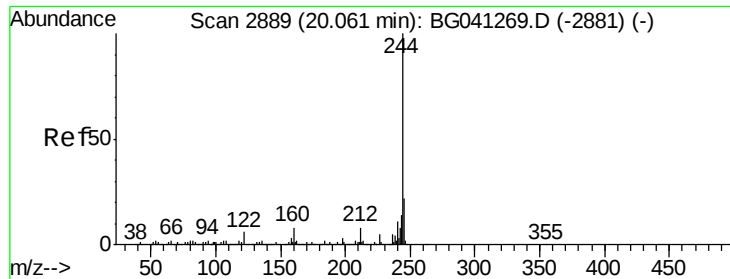
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041364.D
Acq: 20 Jun 2019 19:38

Tgt Ion:240 Resp: 223225
Ion Ratio Lower Upper
240 100
120 4.8 3.7 5.5
236 27.4 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: 93.882 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041364.D

Acq: 20 Jun 2019 19:38

Instrument :

BNA_G

ClientSampleId :

SUMP

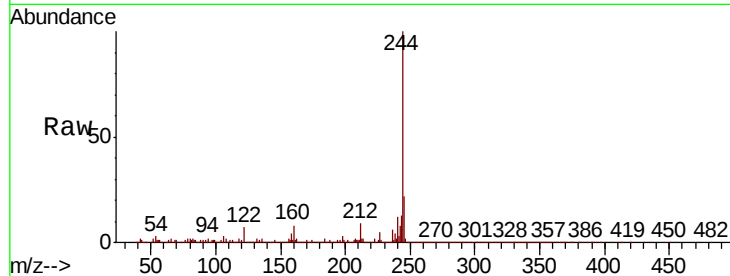
Tgt Ion:244 Resp: 1057472

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

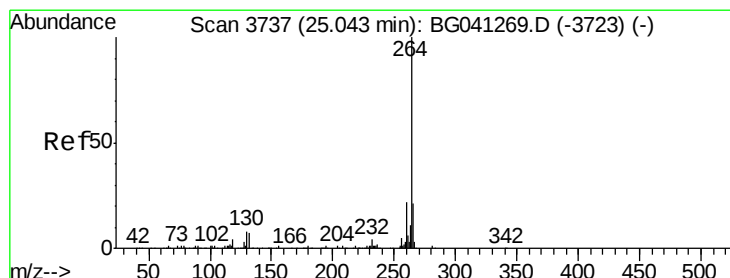
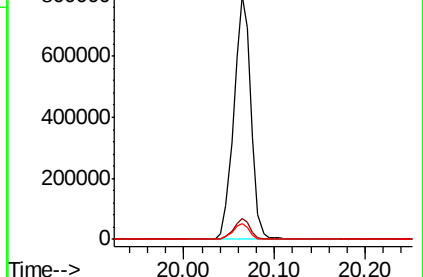
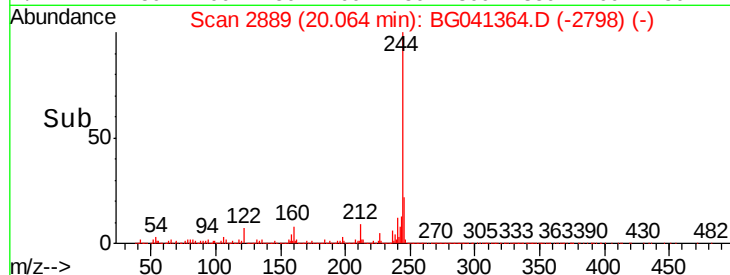
122 6.6 5.0 7.4



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: 25.07 min Scan# 3741

Delta R.T. 0.03 min

Lab File: BG041364.D

Acq: 20 Jun 2019 19:38

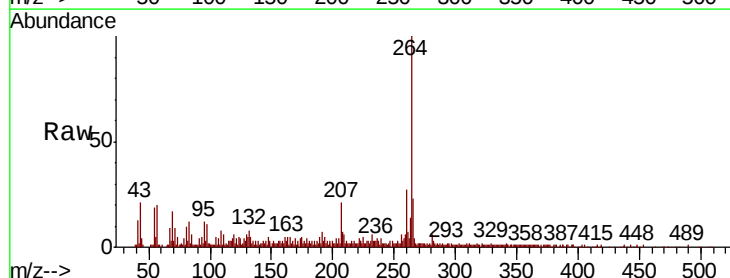
Tgt Ion:264 Resp: 147029

Ion Ratio Lower Upper

264 100

260 26.6 17.4 26.2#

265 23.3 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

