

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041385.D
 Acq On : 21 Jun 2019 20:35
 Operator : HP/JU
 Sample : K3435-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-02-004-A

Quant Time: Jun 22 01:35:18 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

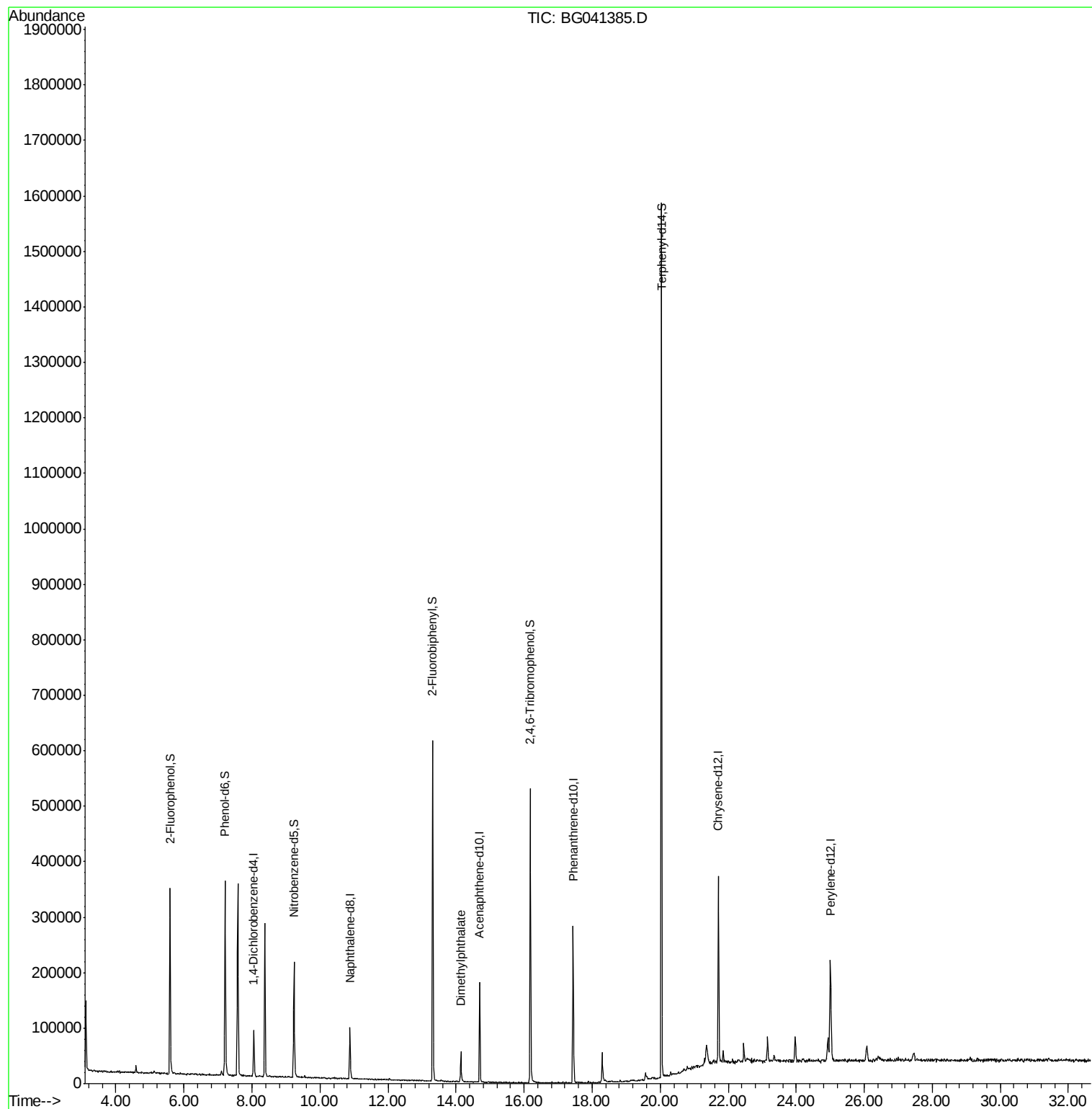
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	22662	20.00	ng	-0.03
21) Naphthalene-d8	10.88	136	84056	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	64576	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	183768	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	204266	20.00	ng	-0.03
87) Perylene-d12	25.00	264	209817	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	132610	107.52	ng	-0.03
7) Phenol-d6	7.21	99	194944	109.04	ng	-0.03
23) Nitrobenzene-d5	9.23	82	134001	67.05	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	107486	108.42	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	324863	68.38	ng	-0.03
79) Terphenyl-d14	20.04	244	743087	72.09	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.14	163	44423	7.731	ng	Qvalue # 97

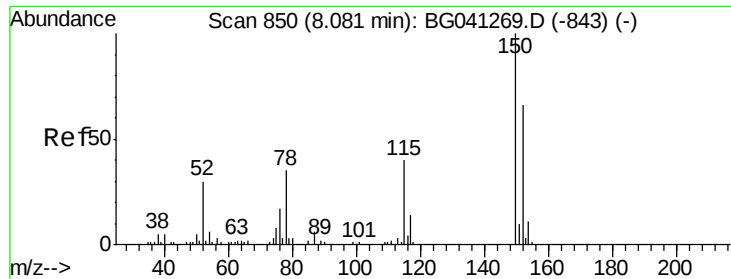
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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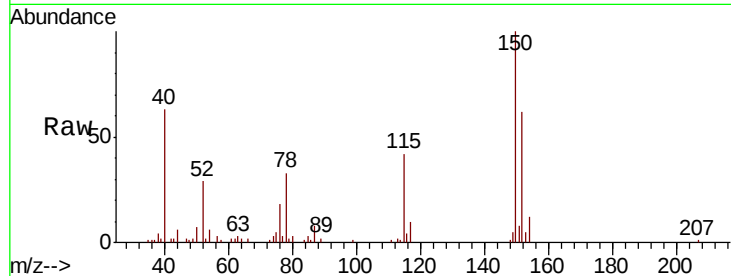


#1

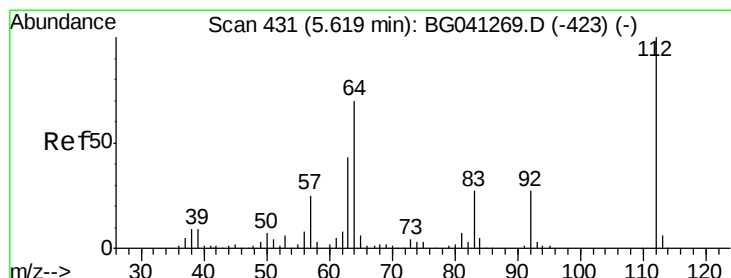
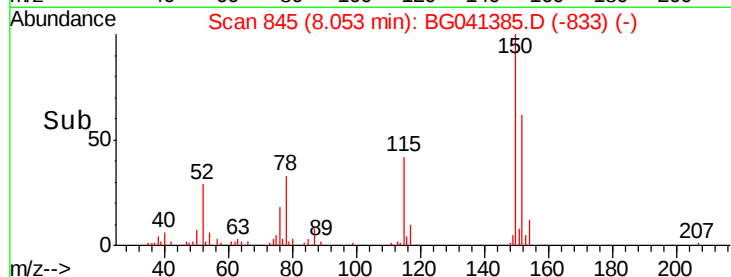
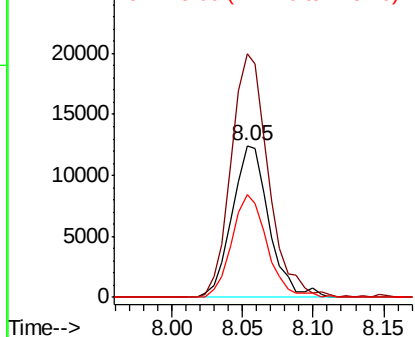
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041385.D
Acq: 21 Jun 2019 20:35

Instrument :
BNA_G
ClientSampleId :
FK-SF-02-004-A

Tot Ion:152 Resp: 22662
Ion Ratio Lower Upper
152 100
150 160.7 120.6 181.0
115 67.9 47.9 71.9



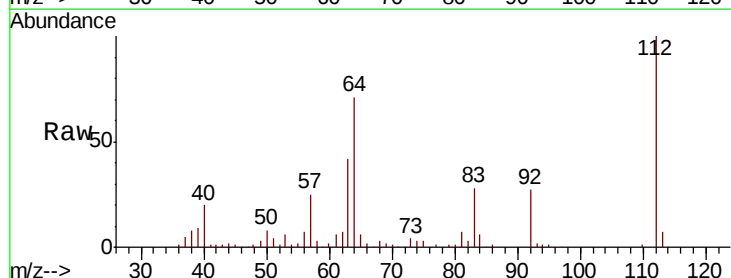
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



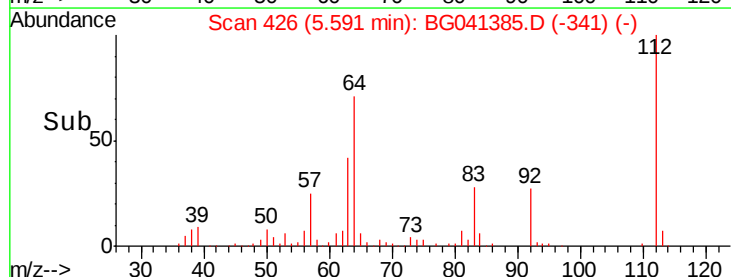
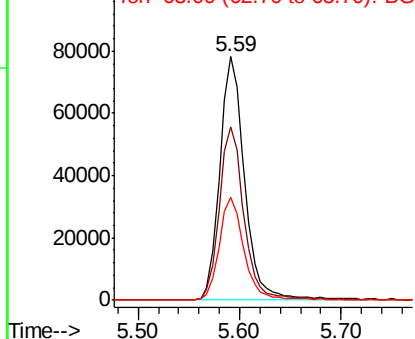
#5

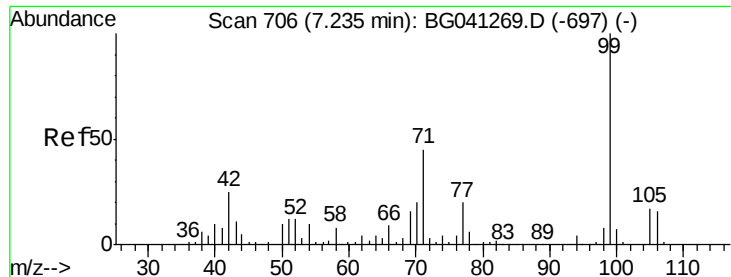
2-Fluorophenol
Concen: 107.519 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041385.D
Acq: 21 Jun 2019 20:35

Tgt Ion:112 Resp: 132610
Ion Ratio Lower Upper
112 100
64 71.0 55.9 83.9
63 42.4 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: 109.043 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.03 min

Lab File: BG041385.D

Acq: 21 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-SF-02-004-A

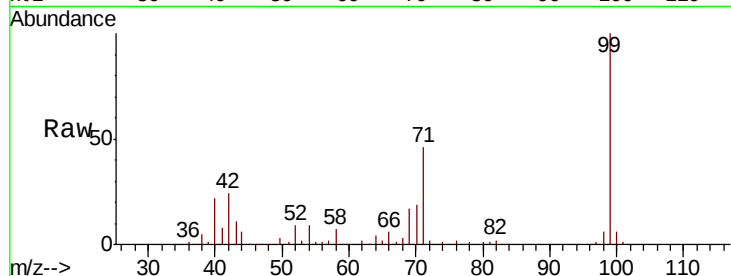
Tot Ion: 99 Resp: 194944

Ion Ratio Lower Upper

99 100

42 23.9 19.9 29.9

71 45.6 36.4 54.6

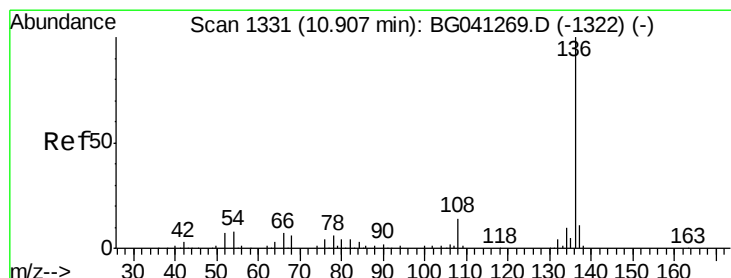
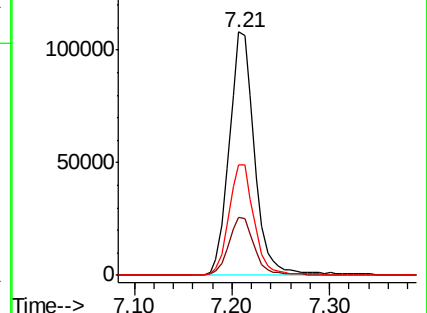
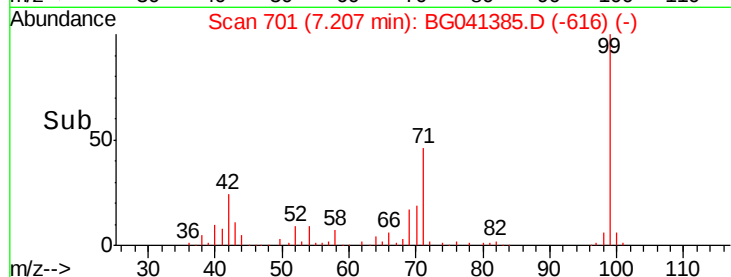


Abundance

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: 10.88 min Scan# 1326

Delta R.T. -0.03 min

Lab File: BG041385.D

Acq: 21 Jun 2019 20:35

Tgt Ion: 136 Resp: 84056

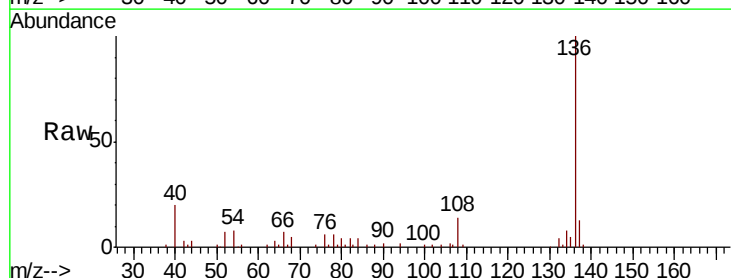
Ion Ratio Lower Upper

136 100

137 13.0 8.8 13.2

54 8.2 6.4 9.6

68 4.6 4.8 7.2#



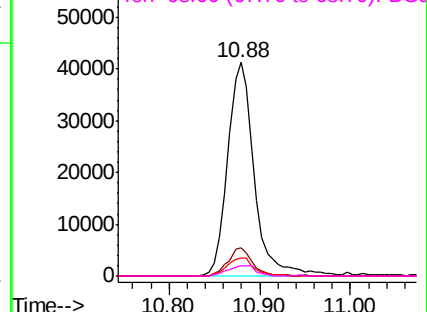
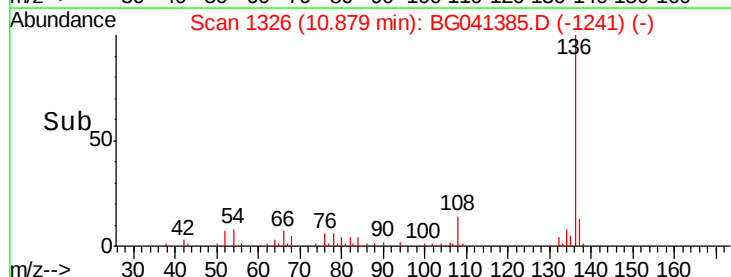
Abundance

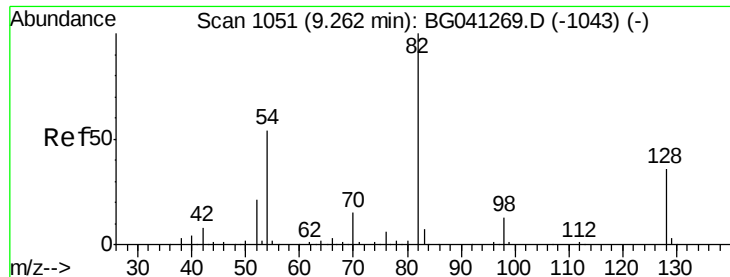
Ion 136.00 (135.70 to 136.70): BGC

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

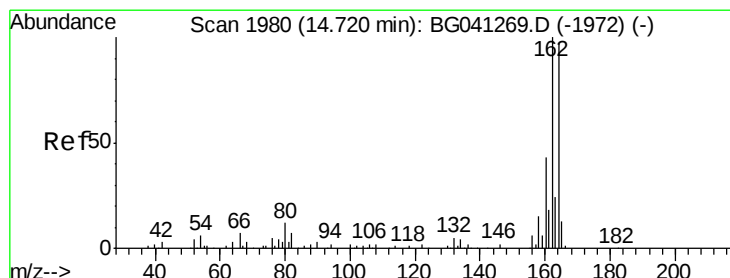
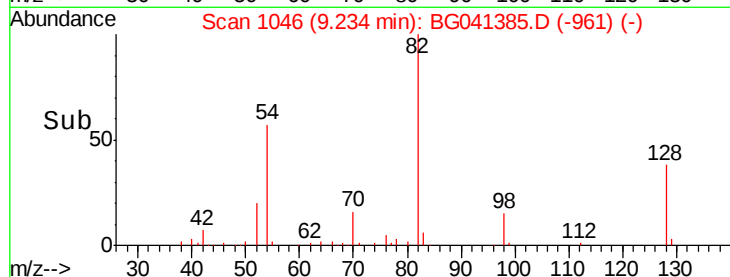
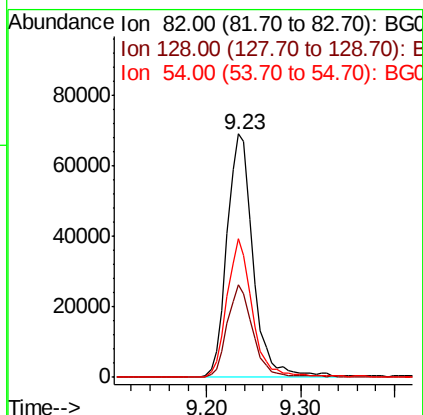
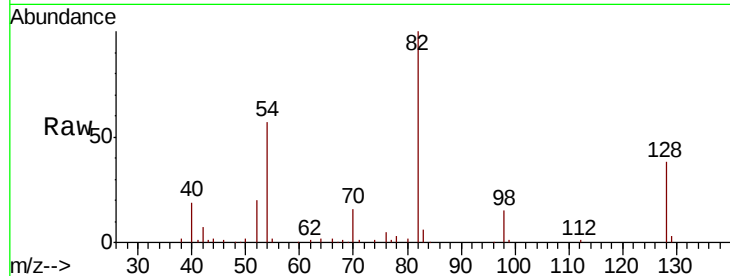




#23
Nitrobenzene-d5
Concen: 67.046 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041385.D
Acq: 21 Jun 2019 20:35

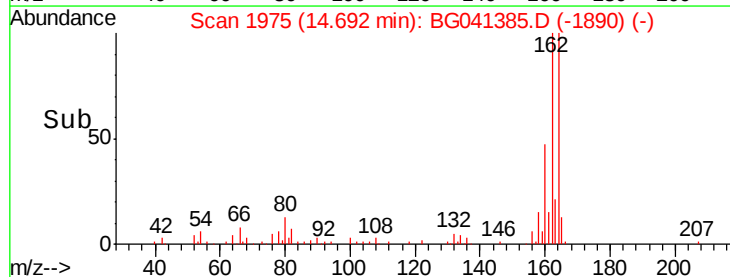
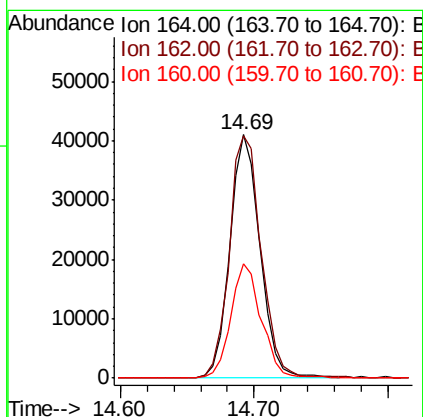
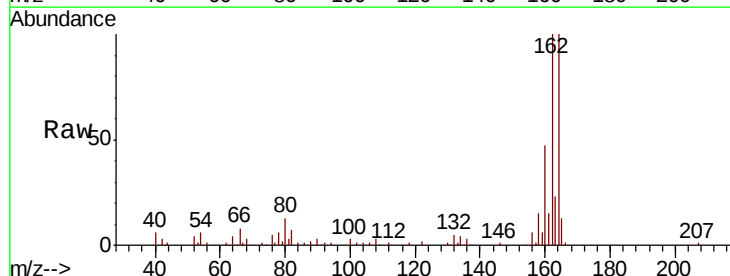
Instrument :
BNA_G
ClientSampleId :
FK-SF-02-004-A

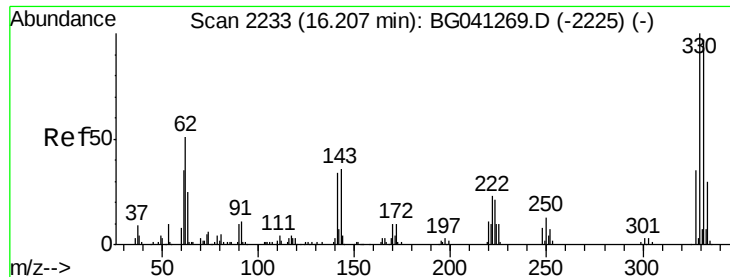
Tot Ion: 82 Resp: 134001
Ion Ratio Lower Upper
82 100
128 38.3 29.2 43.8
54 56.8 43.4 65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG041385.D
Acq: 21 Jun 2019 20:35

Tgt Ion: 164 Resp: 64576
Ion Ratio Lower Upper
164 100
162 99.7 82.8 124.2
160 46.9 35.8 53.8

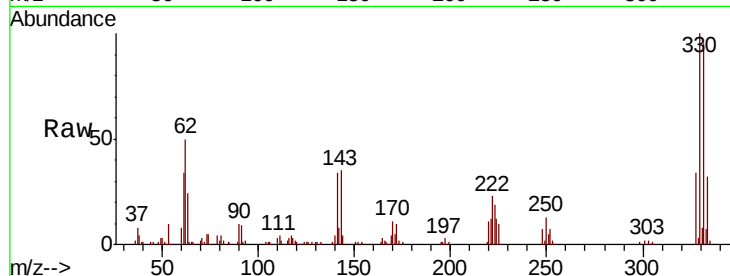




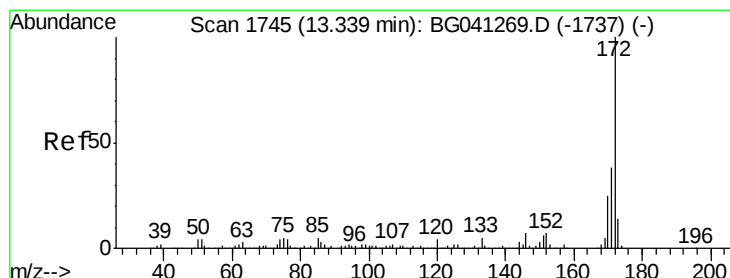
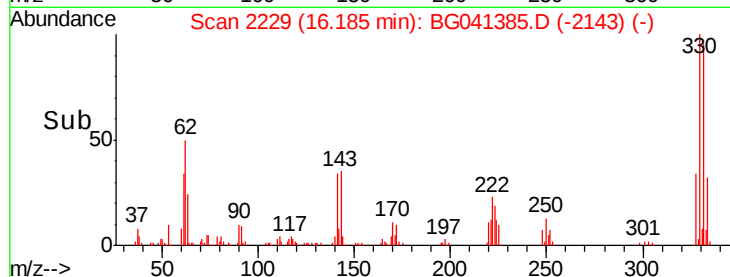
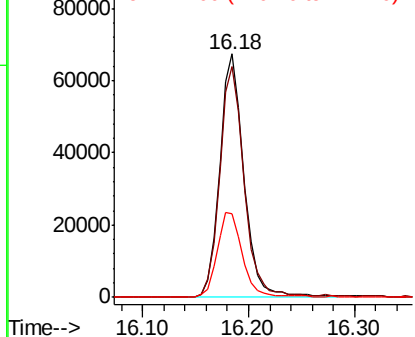
#42
 2,4,6-Tribromophenol
 Concen: 108.420 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BG041385.D
 Acq: 21 Jun 2019 20:35

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-02-004-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.5	113.3
141	36.7	29.0	43.4

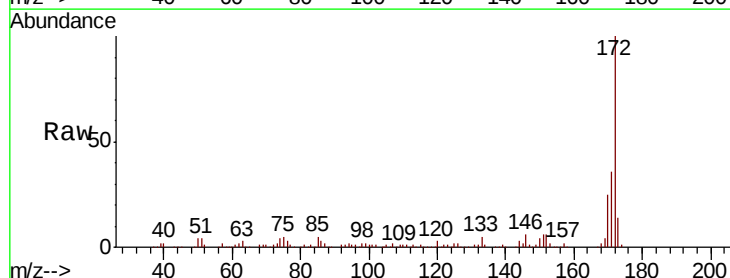


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

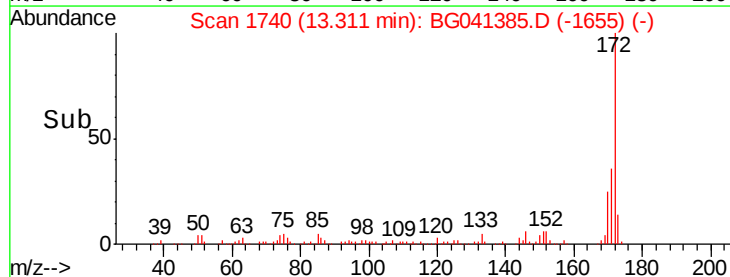
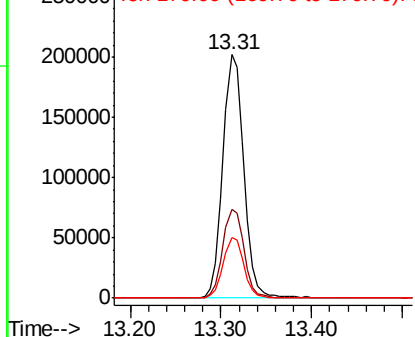


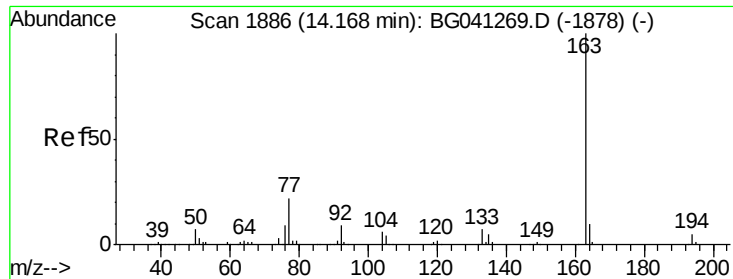
#45
 2-Fluorobiphenyl
 Concen: 68.375 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.03 min
 Lab File: BG041385.D
 Acq: 21 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	25.1	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





#50

Dimethylphthalate

Concen: 7.731 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.03 min

Lab File: BG041385.D

Acq: 21 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-SF-02-004-A

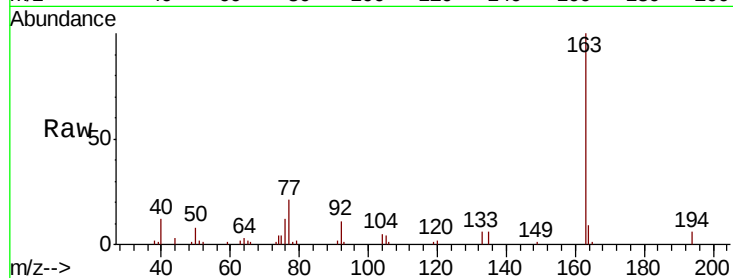
Tot Ion:163 Resp: 44423

Ion Ratio Lower Upper

163 100

194 6.3 3.9 5.9#

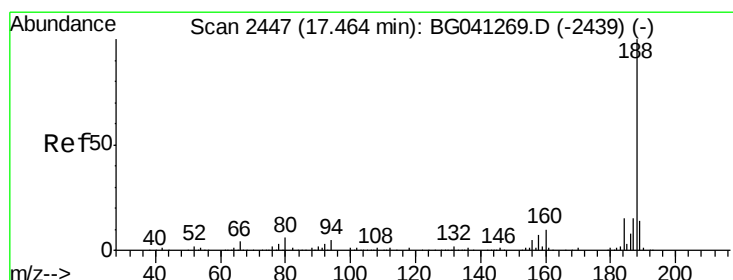
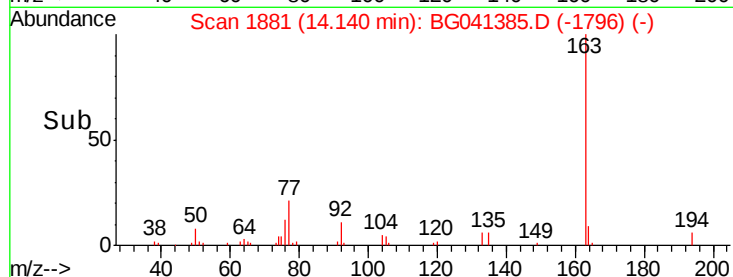
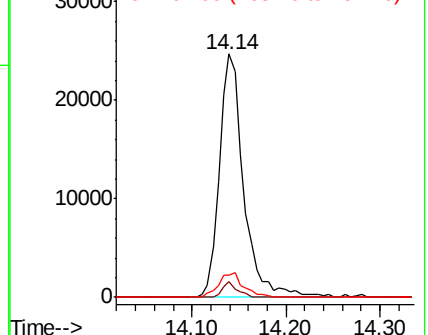
164 9.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.02 min

Lab File: BG041385.D

Acq: 21 Jun 2019 20:35

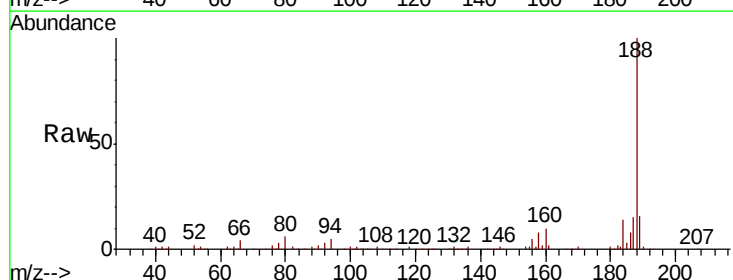
Tgt Ion:188 Resp: 183768

Ion Ratio Lower Upper

188 100

94 5.0 3.6 5.4

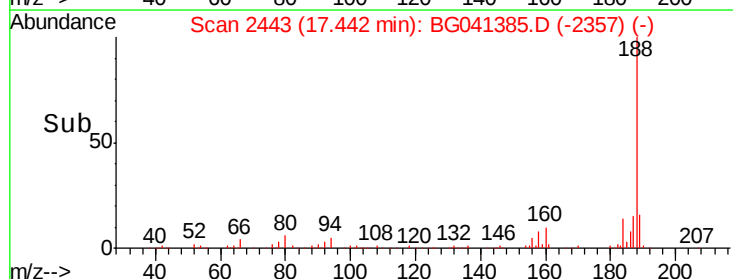
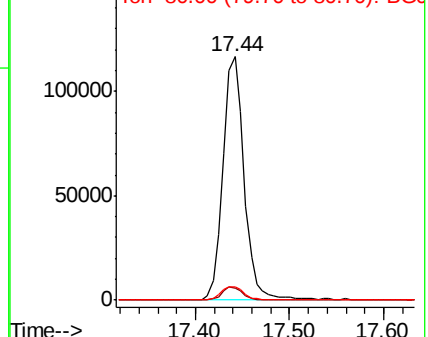
80 5.7 4.8 7.2

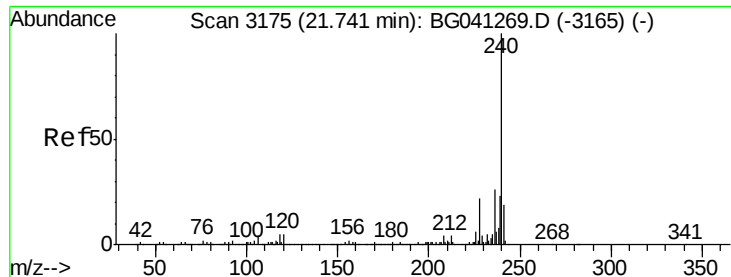


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.03 min

Lab File: BG041385.D

Acq: 21 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-SF-02-004-A

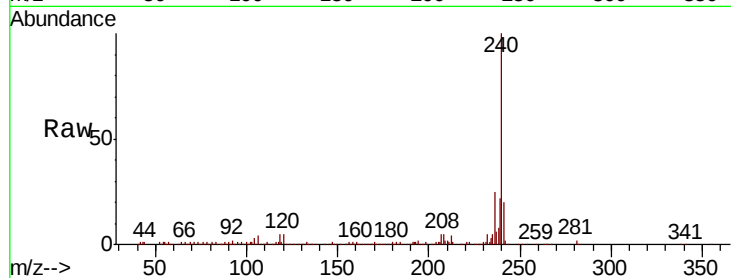
Tot Ion:240 Resp: 204266

Ion Ratio Lower Upper

240 100

120 5.1 3.7 5.5

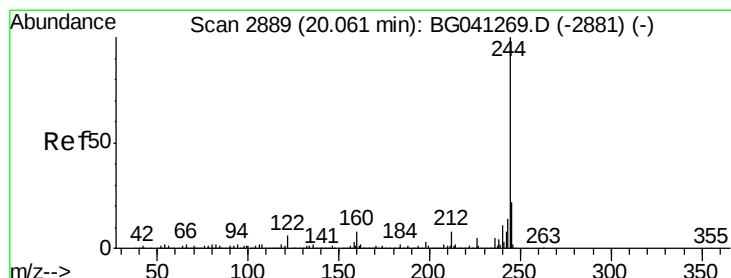
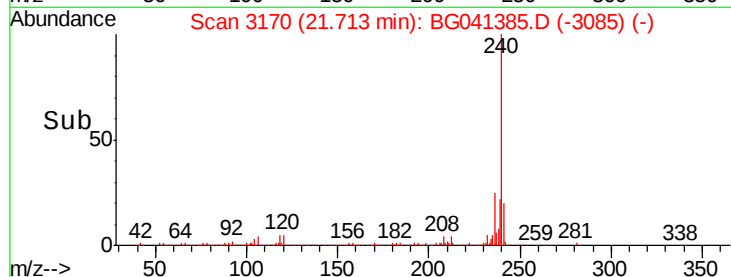
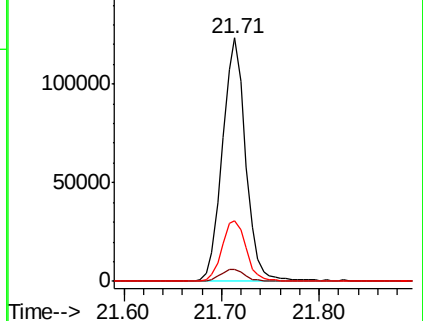
236 25.1 21.1 31.7



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: 72.094 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG041385.D

Acq: 21 Jun 2019 20:35

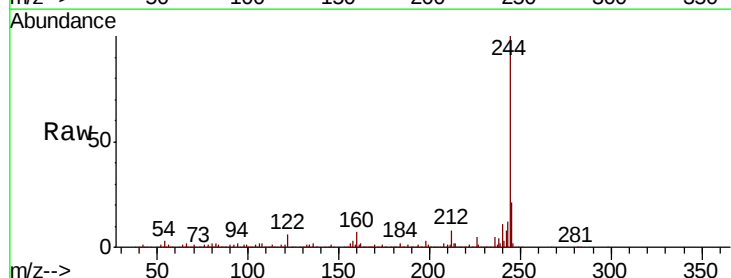
Tgt Ion:244 Resp: 743087

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

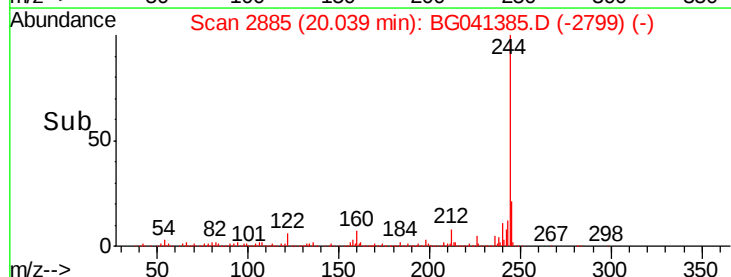
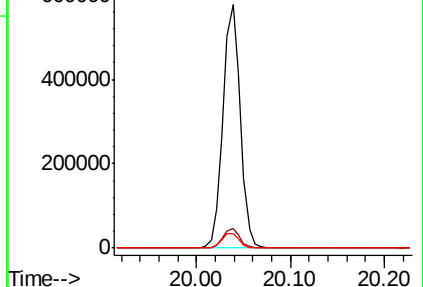
122 6.1 5.0 7.4

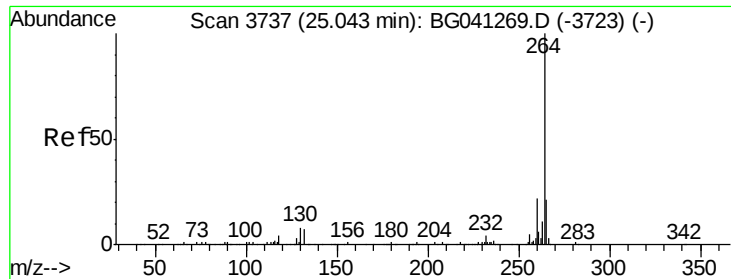


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

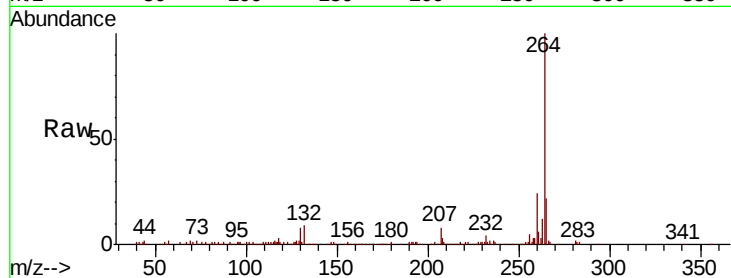




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3730
 Delta R.T. -0.04 min
 Lab File: BG041385.D
 Acq: 21 Jun 2019 20:35

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-02-004-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.2
265	21.6	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

