

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040219.D
 Acq On : 29 Mar 2019 4:23
 Operator : JU/SJ
 Sample : K2112-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPH-4-8-WC-001

Quant Time: Mar 29 08:11:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	53938	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	217195	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	136348	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	378880	20.00	ng	0.00
76) Chrysene-d12	21.72	240	405579	20.00	ng	-0.01
87) Perylene-d12	25.02	264	402083	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	395234	121.81	ng	0.00
7) Phenol-d6	7.22	99	492525	109.84	ng	0.00
23) Nitrobenzene-d5	9.25	82	371926	91.02	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	232687	157.91	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	854210	92.83	ng	0.00
79) Terphenyl-d14	20.04	244	1573772	87.29	ng	0.00

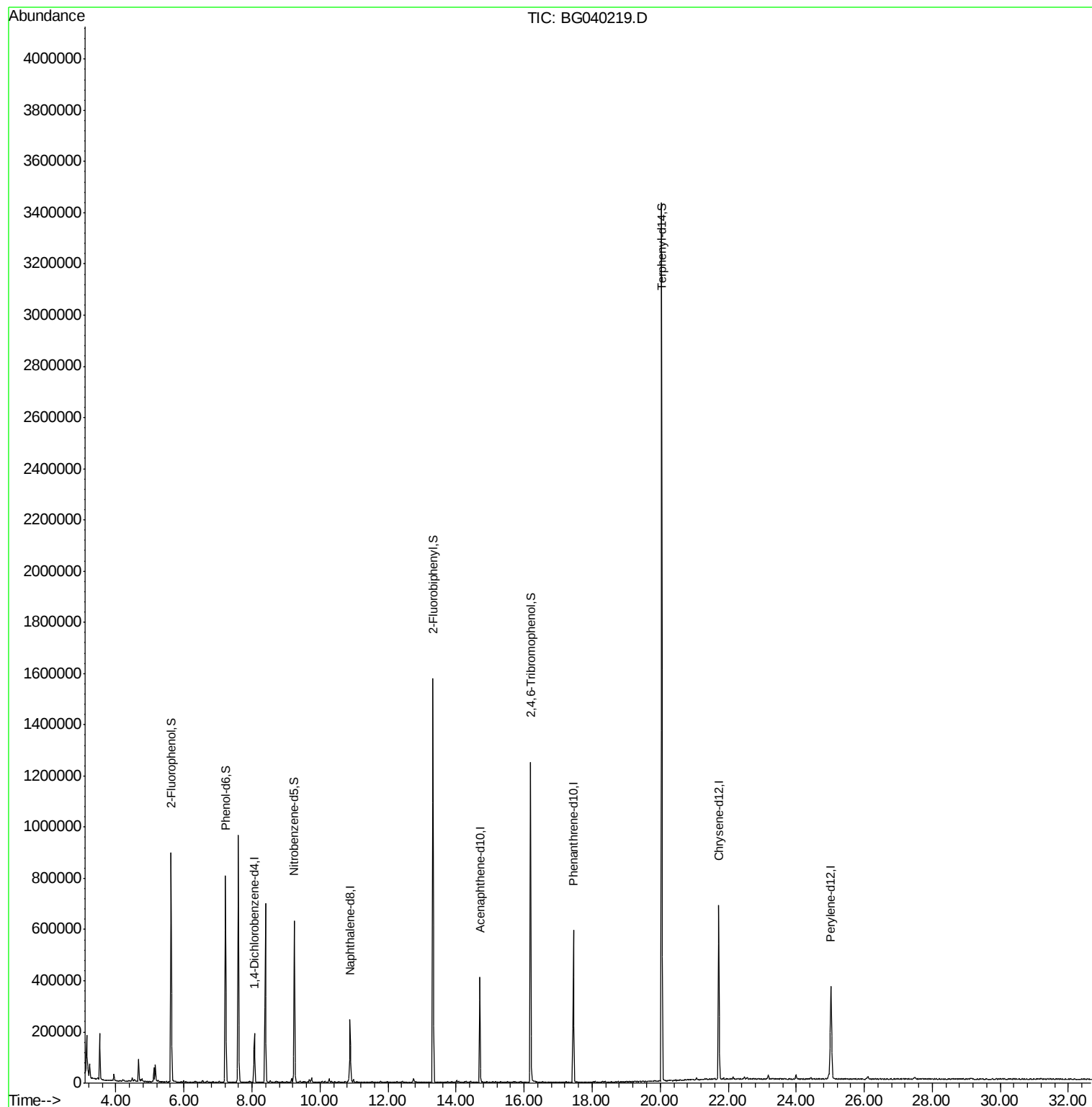
Target Compounds Qvalue

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

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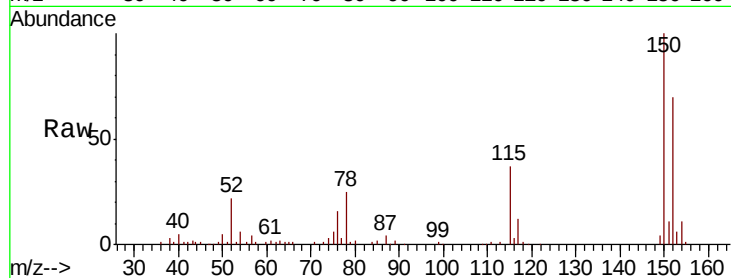


#1

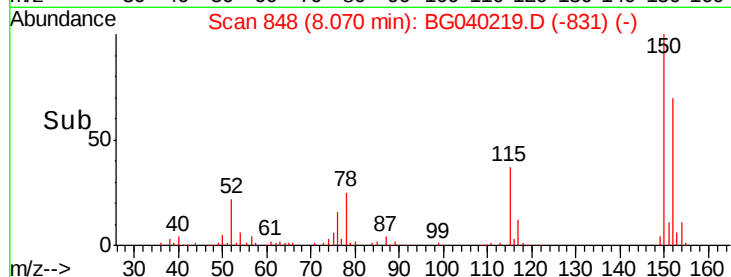
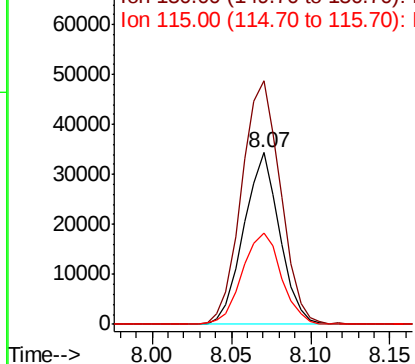
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040219.D
Acq: 29 Mar 2019 4:23

Instrument :
BNA_G
ClientSampleId :
EPH-4-8-WC-001

Tot Ion:152 Resp: 53938
Ion Ratio Lower Upper
152 100
150 141.8 123.7 185.5
115 53.1 46.9 70.3



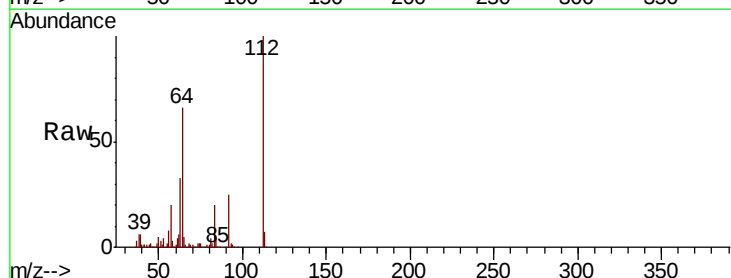
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



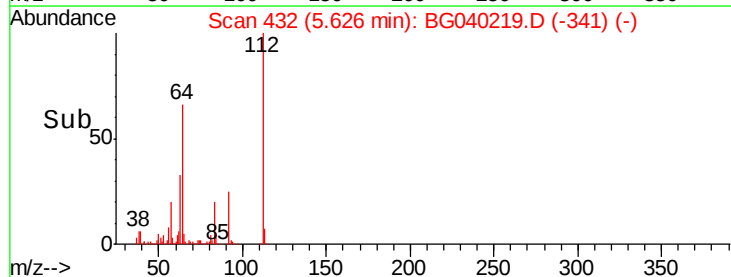
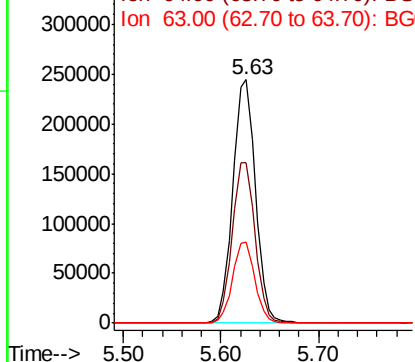
#5

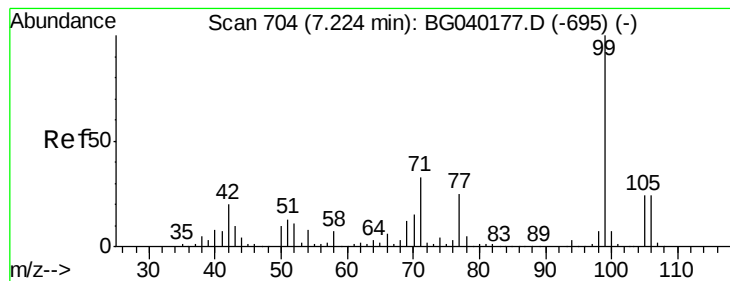
2-Fluorophenol
Concen: 121.814 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG040219.D
Acq: 29 Mar 2019 4:23

Tgt Ion:112 Resp: 395234
Ion Ratio Lower Upper
112 100
64 66.1 54.2 81.2
63 33.4 26.4 39.6



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: 109.840 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040219.D

Acq: 29 Mar 2019 4:23

Instrument :

BNA_G

ClientSampleId :

EPH-4-8-WC-001

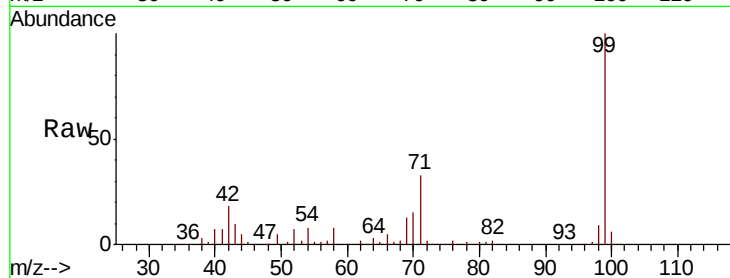
Tot Ion: 99 Resp: 492525

Ion Ratio Lower Upper

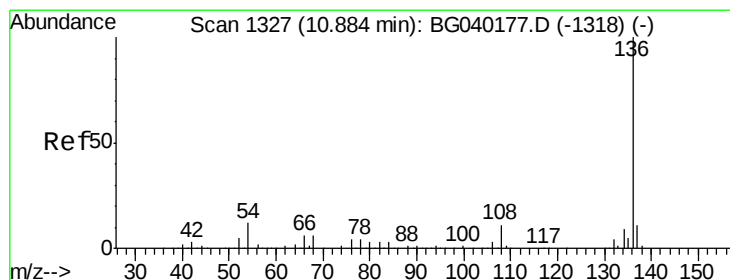
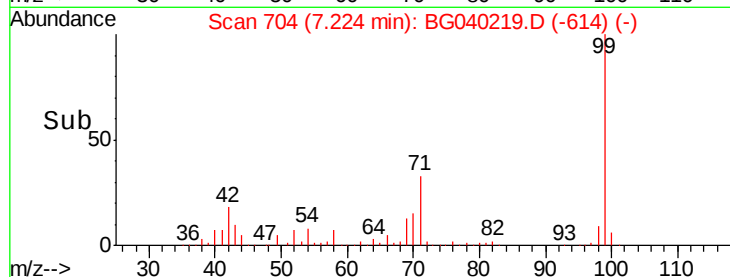
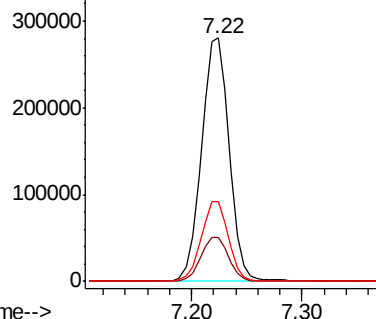
99 100

42 18.3 16.2 24.2

71 32.7 26.8 40.2



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# 1327

Delta R.T. 0.00 min

Lab File: BG040219.D

Acq: 29 Mar 2019 4:23

Tgt Ion: 136 Resp: 217195

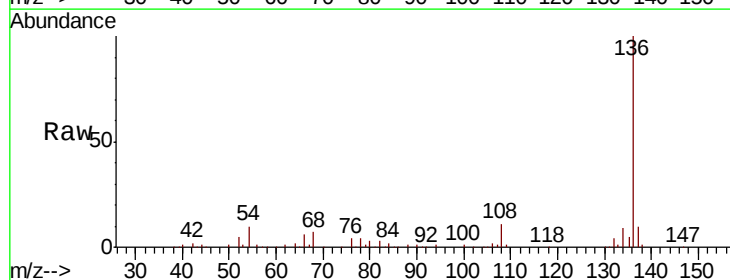
Ion Ratio Lower Upper

136 100

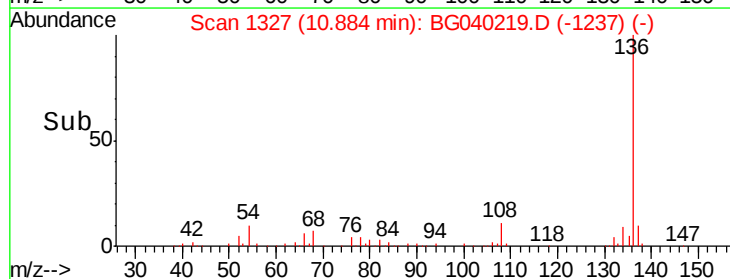
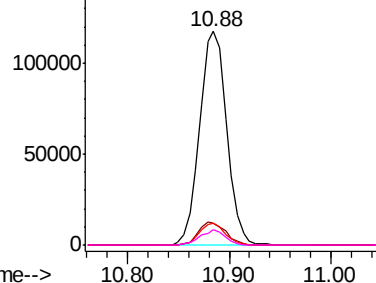
137 9.9 8.9 13.3

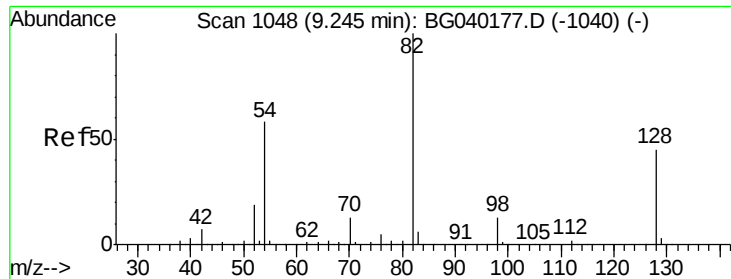
54 10.0 9.6 14.4

68 7.0 5.1 7.7



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

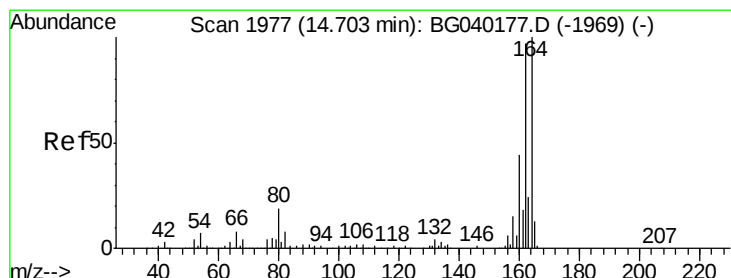
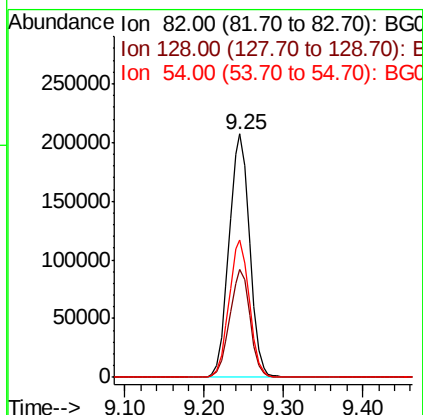
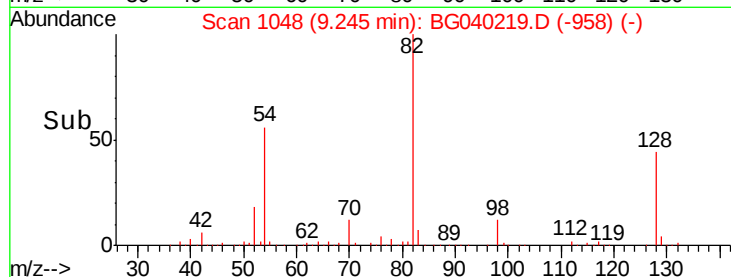
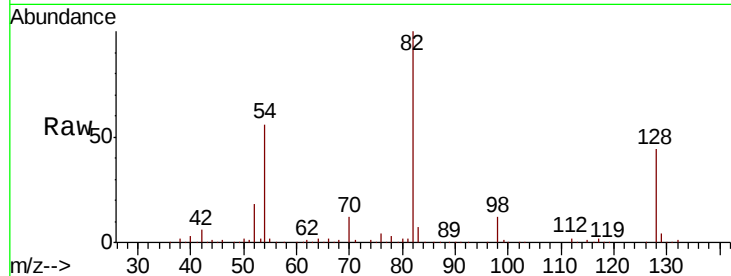




#23
Nitrobenzene-d5
Concen: 91.020 ng
RT: 9.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG040219.D
Acq: 29 Mar 2019 4:23

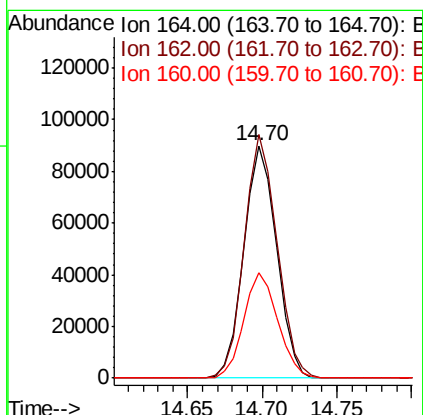
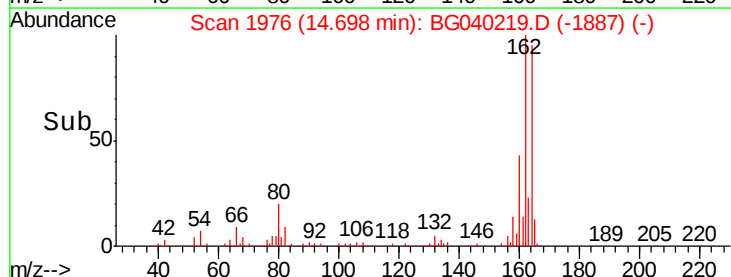
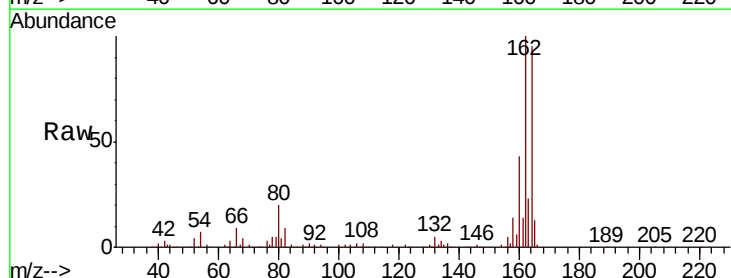
Instrument :
BNA_G
ClientSampleId :
EPH-4-8-WC-001

Tot Ion: 82 Resp: 371926
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.8
54 56.2 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG040219.D
Acq: 29 Mar 2019 4:23

Tgt Ion:164 Resp: 136348
Ion Ratio Lower Upper
164 100
162 104.9 77.4 116.2
160 45.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 157.907 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG040219.D

Acq: 29 Mar 2019 4:23

Instrument :

BNA_G

ClientSampleId :

EPH-4-8-WC-001

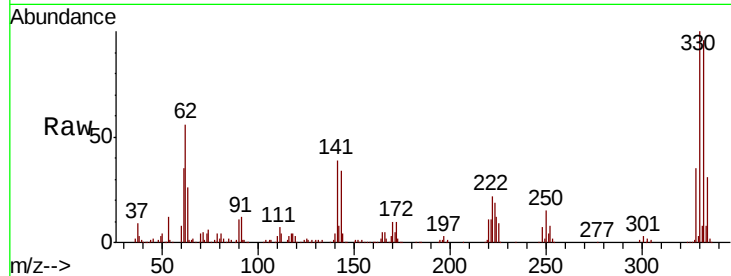
Tot Ion:330 Resp: 232687

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

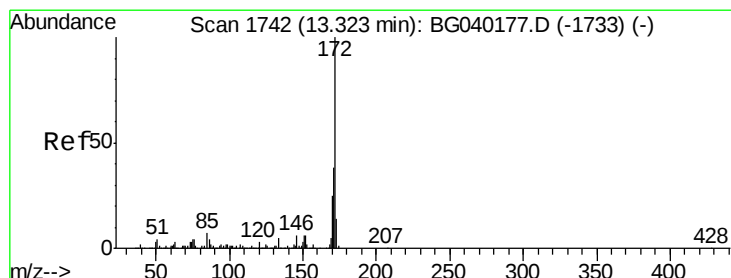
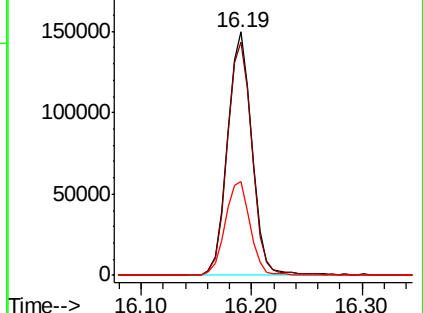
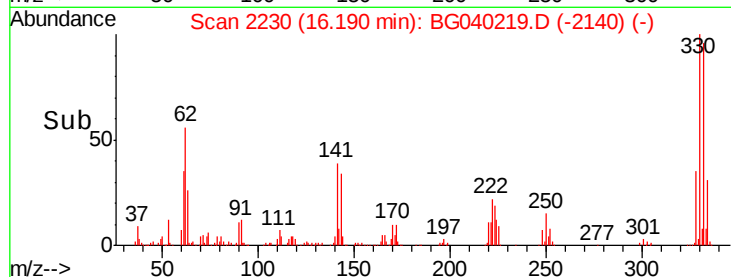
141 39.5 32.6 48.8



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: 92.831 ng

RT: 13.32 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BG040219.D

Acq: 29 Mar 2019 4:23

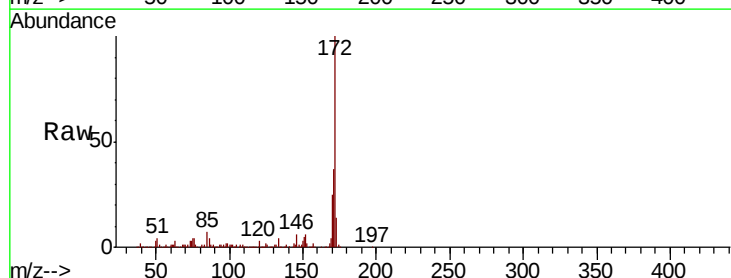
Tgt Ion:172 Resp: 854210

Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

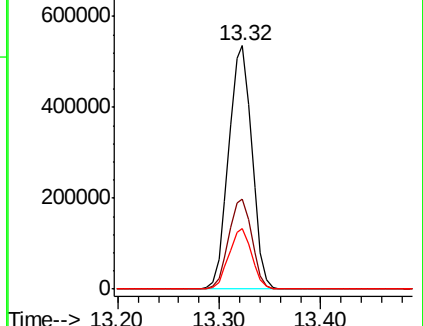
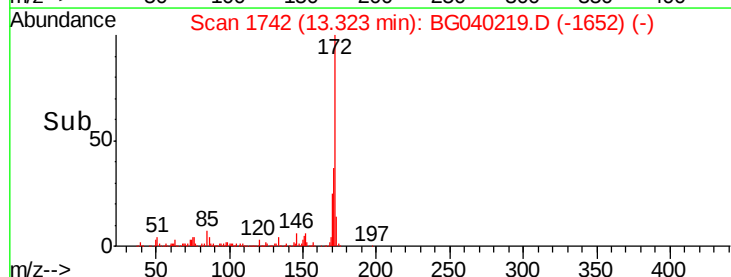
170 24.8 20.1 30.1

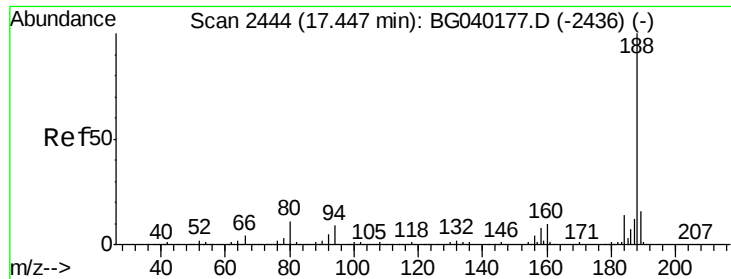


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

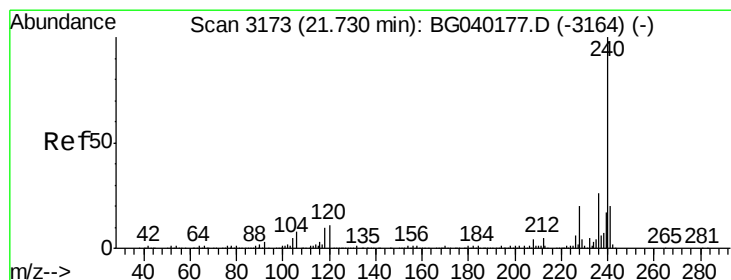
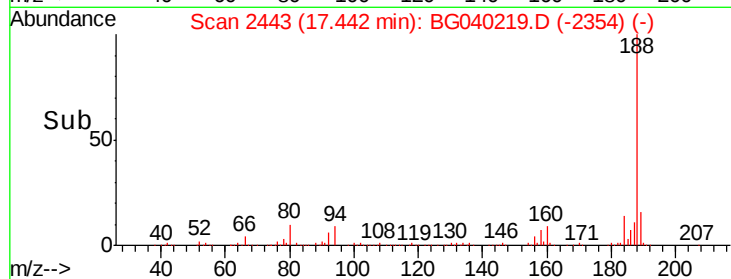
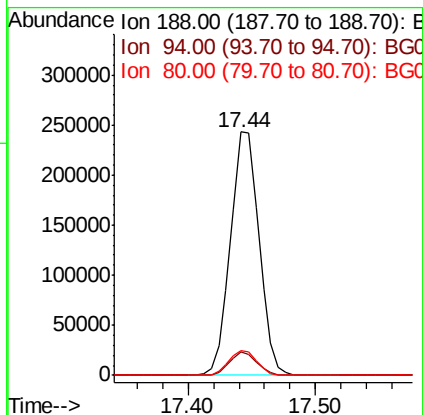
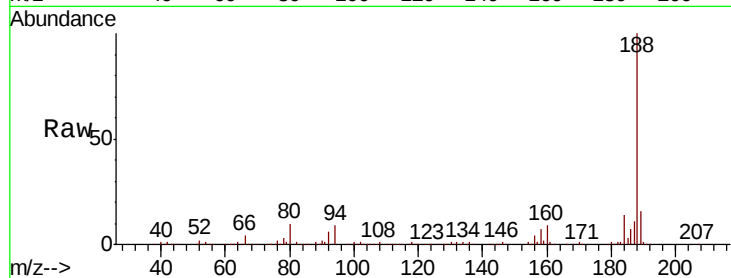




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG040219.D
Acq: 29 Mar 2019 4:23

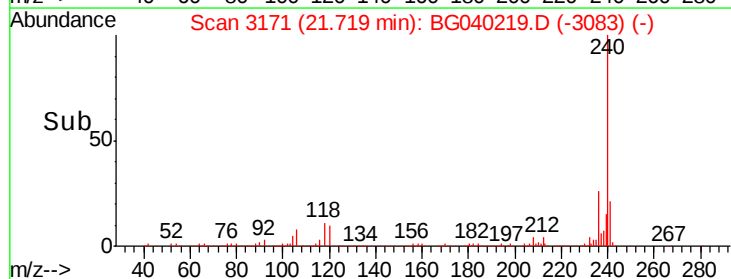
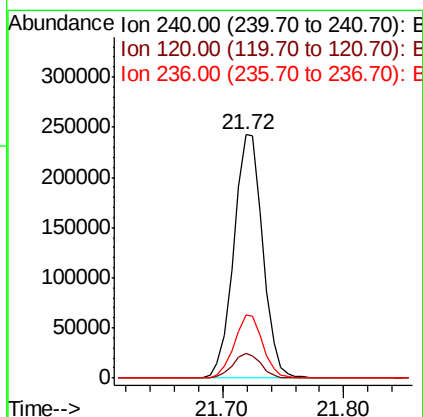
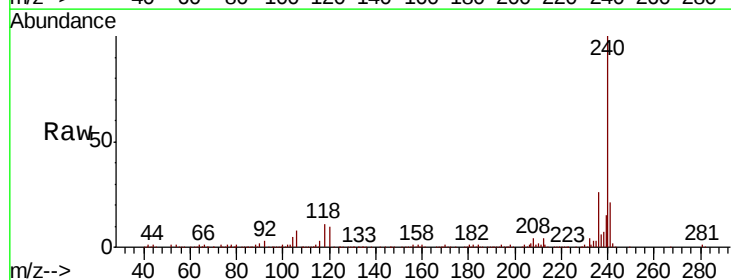
Instrument :
BNA_G
ClientSampleId :
EPH-4-8-WC-001

Tot Ion:188 Resp: 378880
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 10.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG040219.D
Acq: 29 Mar 2019 4:23

Tgt Ion:240 Resp: 405579
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.7 20.8 31.2





#79

Terphenyl-d14

Concen: 87.293 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040219.D

Acq: 29 Mar 2019 4:23

Instrument :

BNA_G

ClientSampleId :

EPH-4-8-WC-001

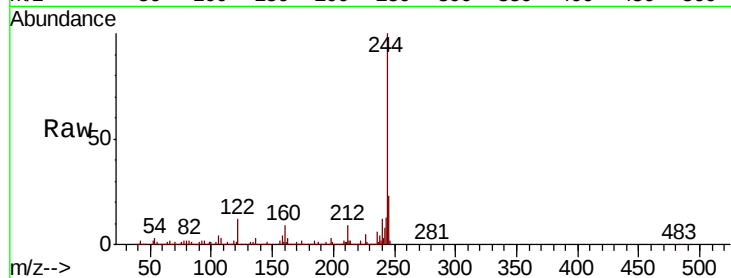
Tot Ion:244 Resp: 1573772

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

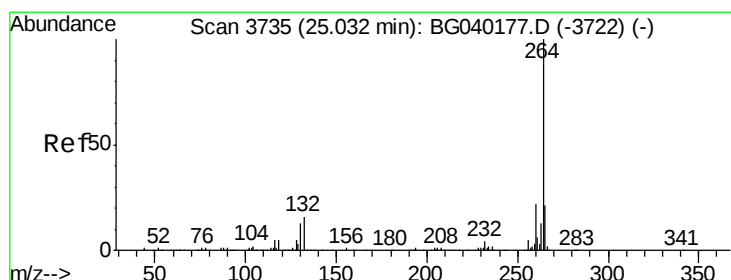
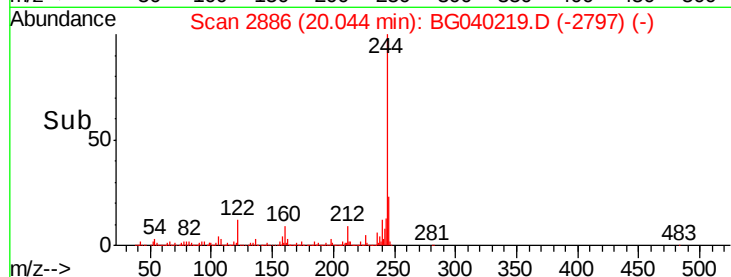
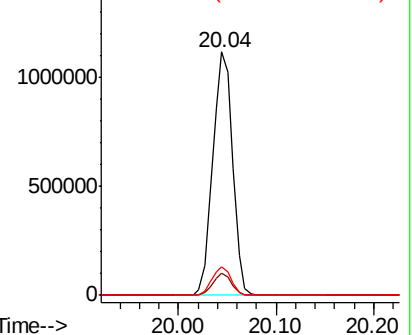
122 11.6 8.5 12.7



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: 25.02 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG040219.D

Acq: 29 Mar 2019 4:23

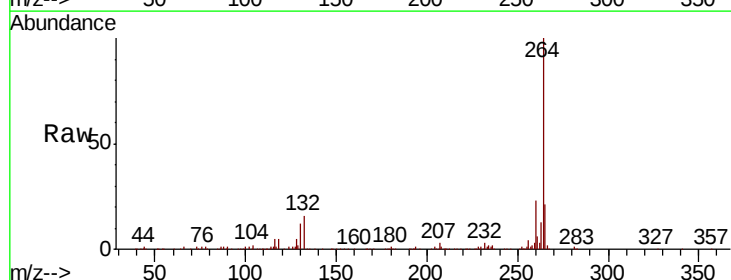
Tgt Ion:264 Resp: 402083

Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

265 21.0 16.8 25.2



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

