

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
 Data File : BG040916.D
 Acq On : 13 May 2019 18:10
 Operator : HP/JU
 Sample : PB119674BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119674BL

Quant Time: May 14 02:03:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	48700	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	195376	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	146492	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	392741	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	422654	20.00	ng	-0.04
87) Perylene-d12	25.13	264	460028	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	222497	80.54	ng	-0.02
7) Phenol-d6	7.27	99	314408	73.91	ng	-0.03
23) Nitrobenzene-d5	9.30	82	320108	75.71	ng	-0.03
42) 2,4,6-Tribromophenol	16.24	330	170706	84.78	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	762644	75.19	ng	-0.03
79) Terphenyl-d14	20.10	244	1418867	74.37	ng	-0.03

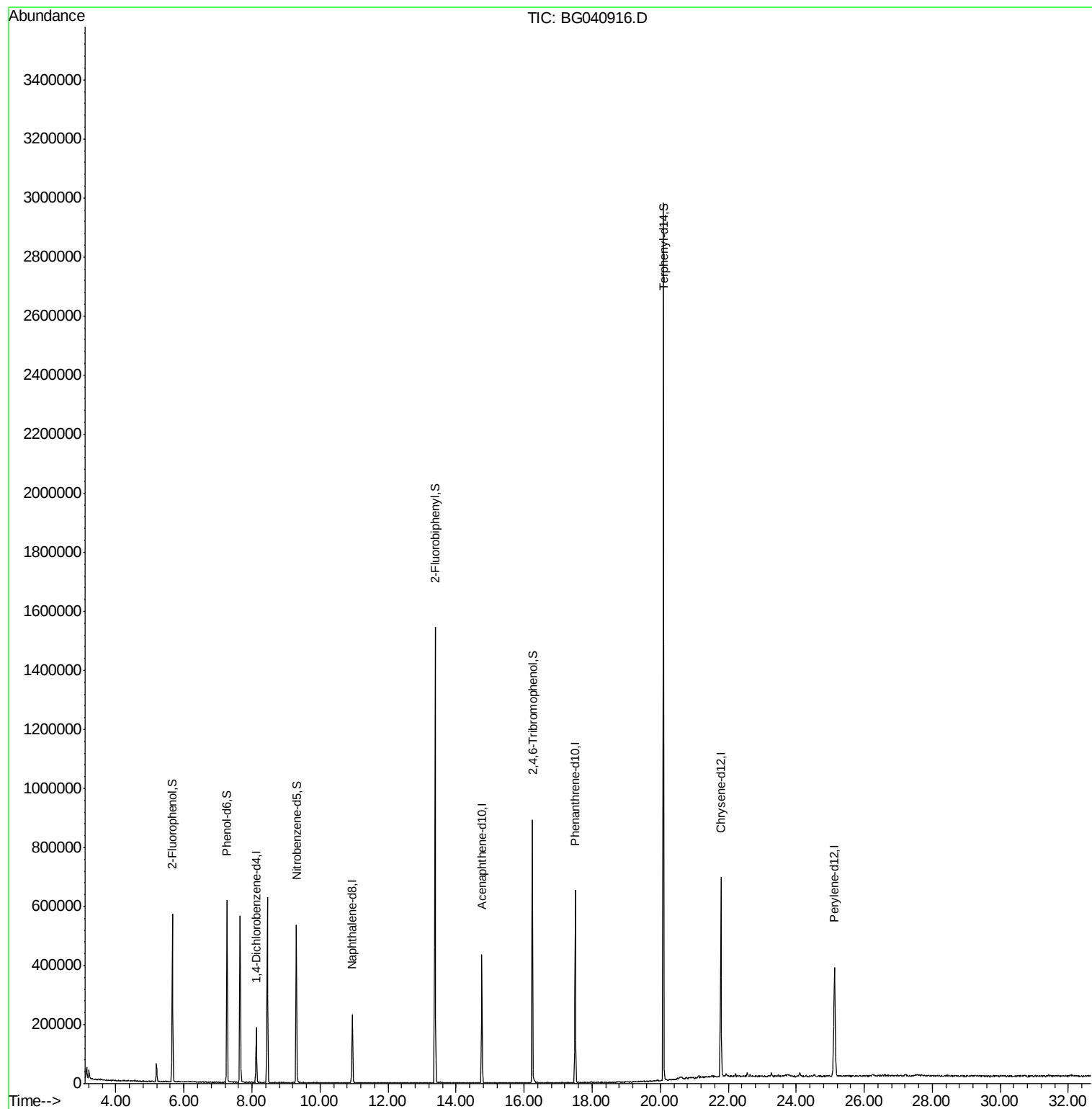
Target Compounds Qvalue

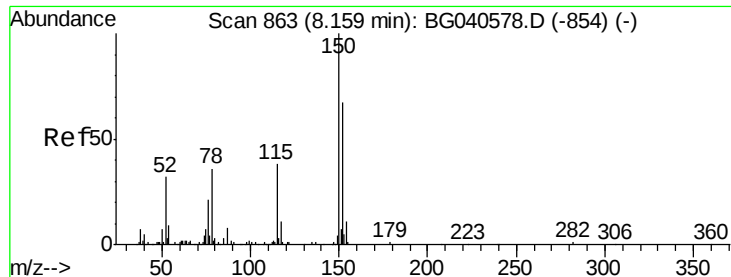
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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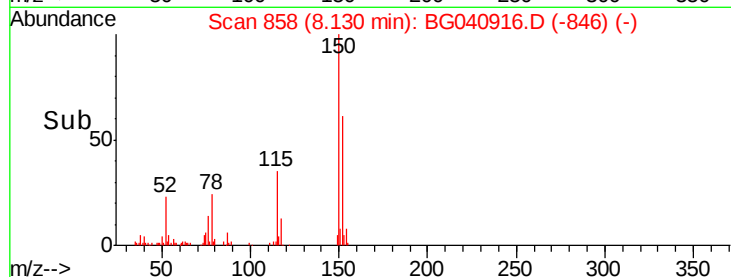
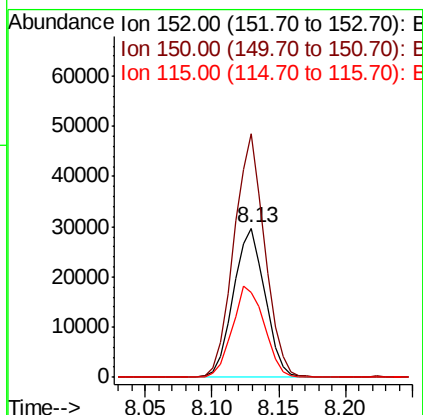
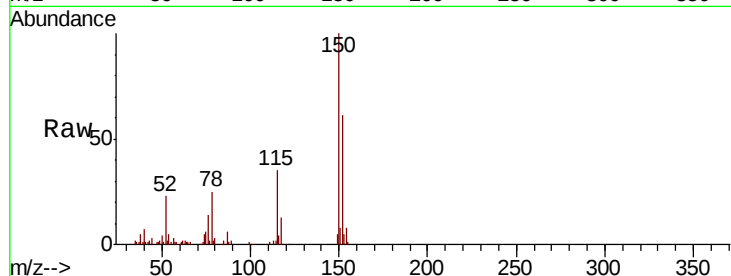


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040916.D
Acq: 13 May 2019 18:10

Instrument :
BNA_G
ClientSampleId :
PB119674BL

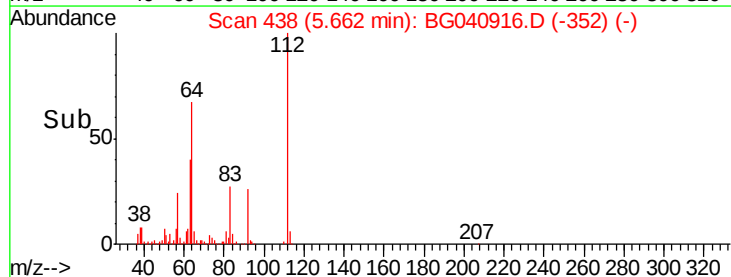
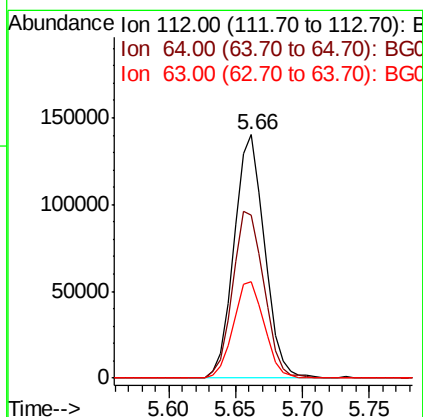
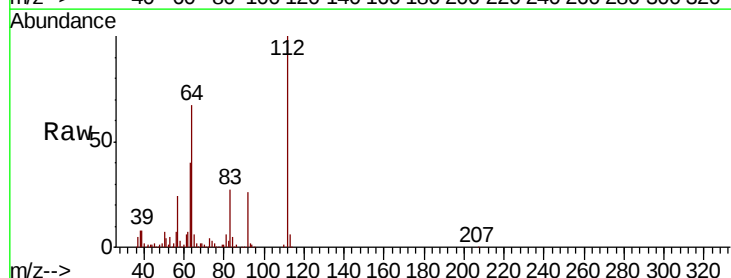
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.4	120.2	180.2
115	57.0	46.2	69.2



#5

2-Fluorophenol
Concen: 80.536 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040916.D
Acq: 13 May 2019 18:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	61.4	92.0
63	39.7	37.8	56.6





#7

Phenol-d6

Concen: 73.913 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040916.D

Acq: 13 May 2019 18:10

Instrument :

BNA_G

ClientSampled :

PB119674BL

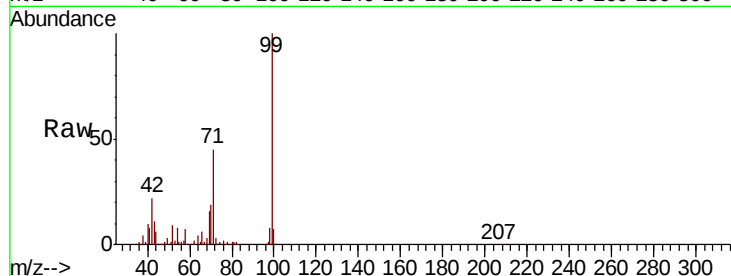
Tot Ion: 99 Resp: 314408

Ion Ratio Lower Upper

99 100

42 22.4 21.8 32.8

71 44.6 38.6 57.8

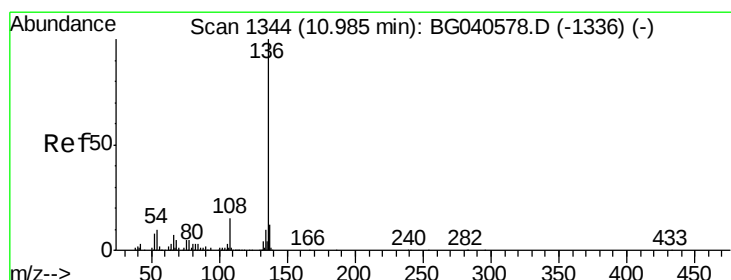
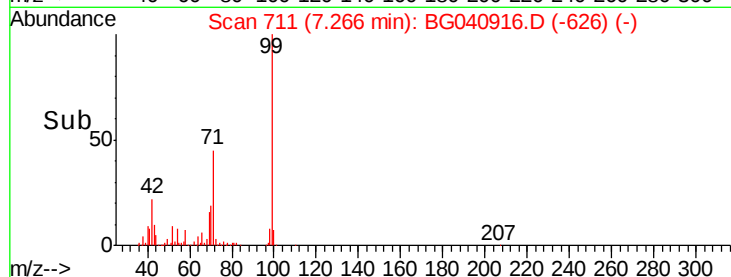
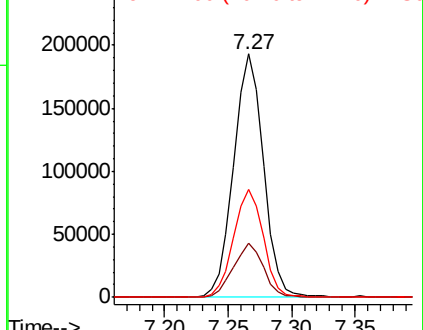


Abundance

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: 10.95 min Scan# 1338

Delta R.T. -0.03 min

Lab File: BG040916.D

Acq: 13 May 2019 18:10

Tgt Ion: 136 Resp: 195376

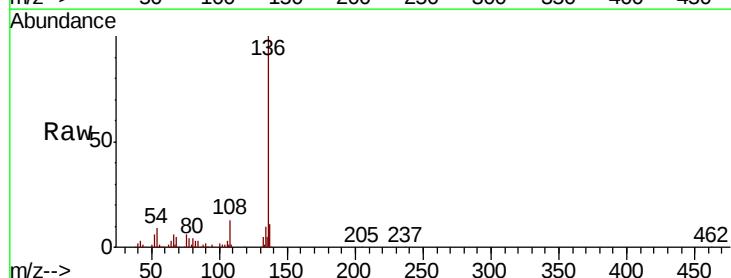
Ion Ratio Lower Upper

136 100

137 10.7 9.7 14.5

54 8.8 8.6 12.8

68 5.3 4.8 7.2



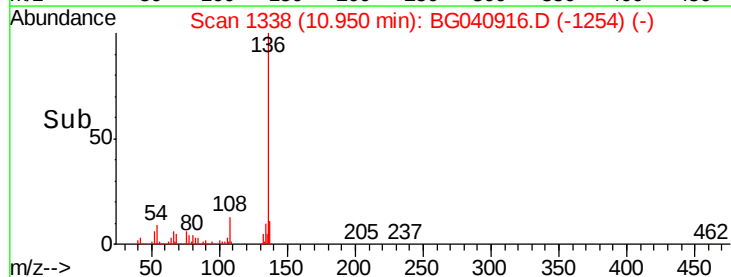
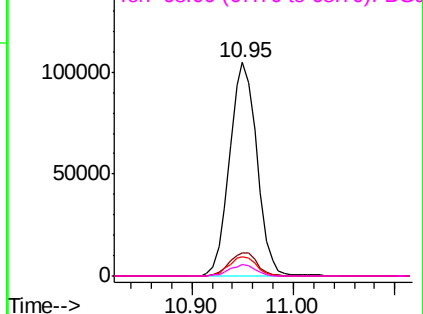
Abundance

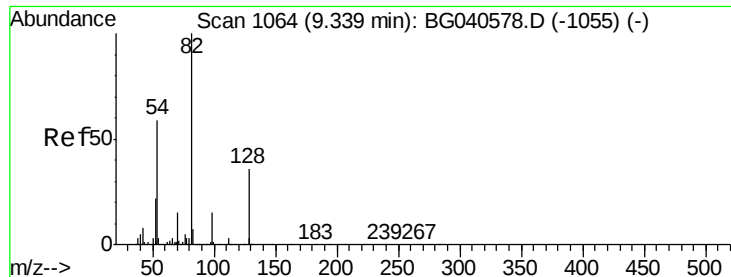
Ion 136.00 (135.70 to 136.70): BGC

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

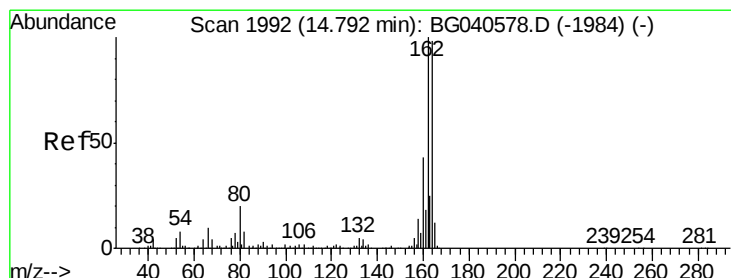
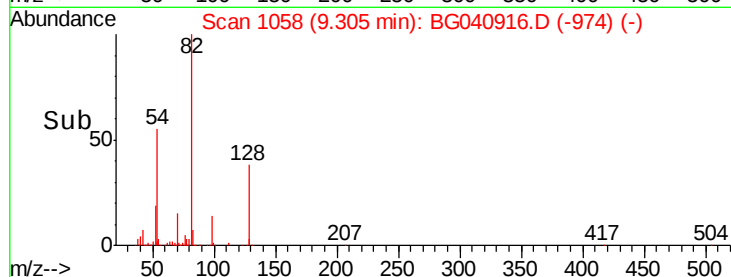
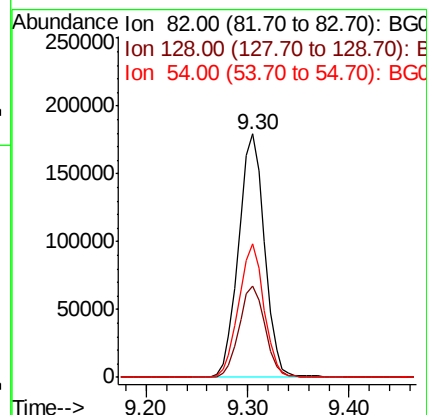
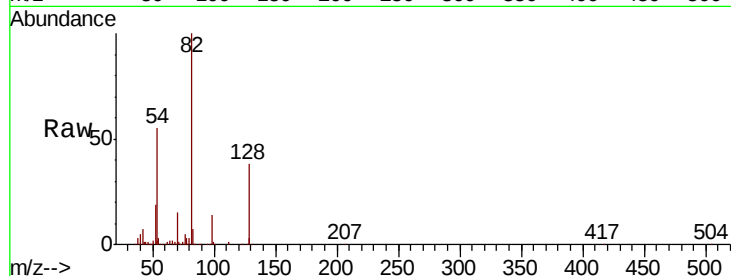




#23
Nitrobenzene-d5
Concen: 75.705 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BG040916.D
Acq: 13 May 2019 18:10

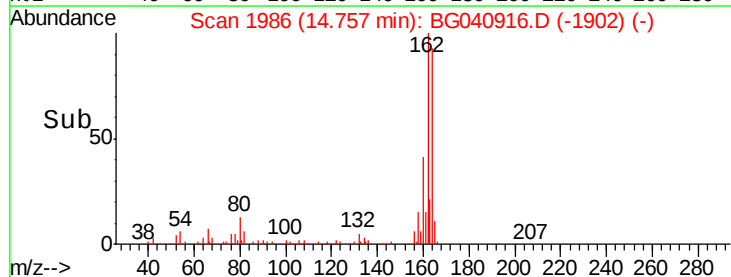
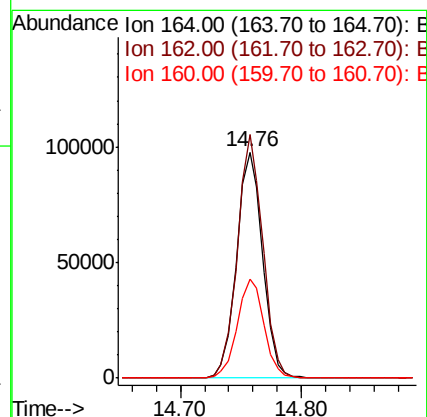
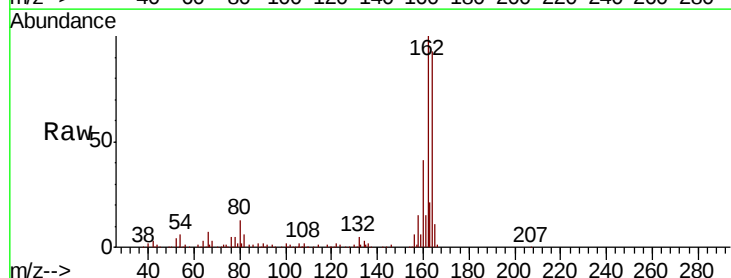
Instrument :
BNA_G
ClientSampleId :
PB119674BL

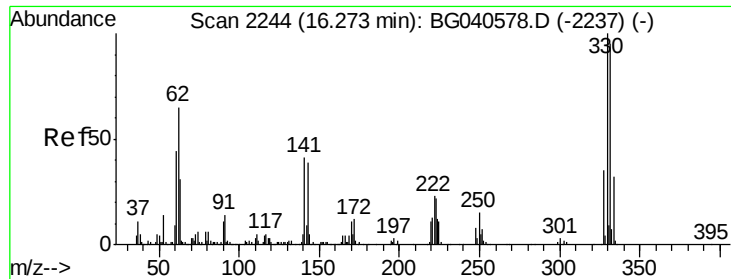
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.6	28.9	43.3
54	55.1	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.03 min
Lab File: BG040916.D
Acq: 13 May 2019 18:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	81.9	122.9
160	43.8	35.4	53.2

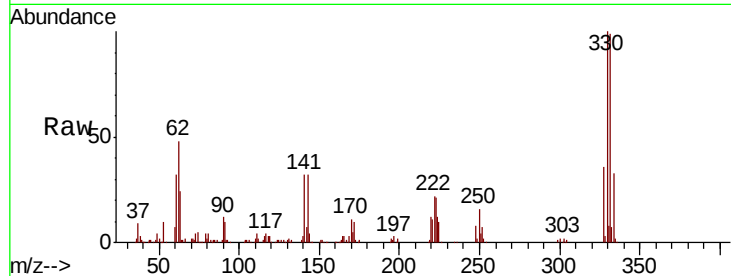




#42
 2,4,6-Tribromophenol
 Concen: 84.778 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.03 min
 Lab File: BG040916.D
 Acq: 13 May 2019 18:10

Instrument :
 BNA_G
 ClientSampleId :
 PB119674BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.9	113.9
141	35.0	32.4	48.6

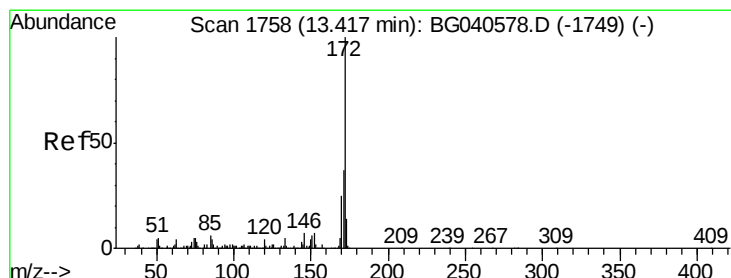
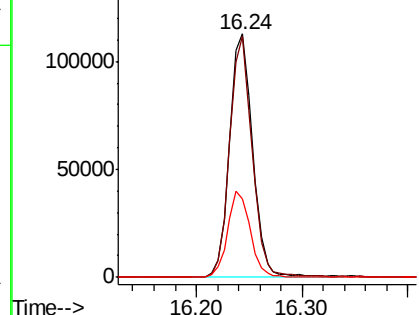
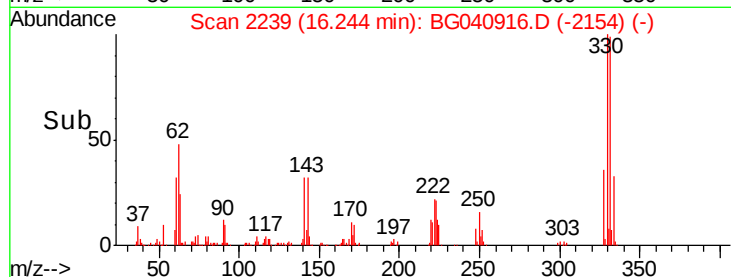


Abundance

Ion 329.80 (329.50 to 330.50): E

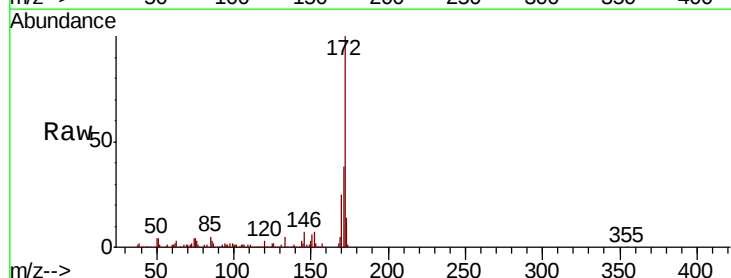
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.186 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040916.D
 Acq: 13 May 2019 18:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.4	44.2
170	25.1	19.9	29.9

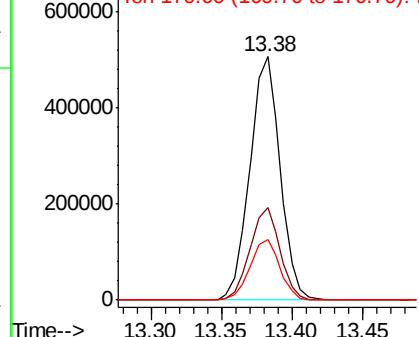
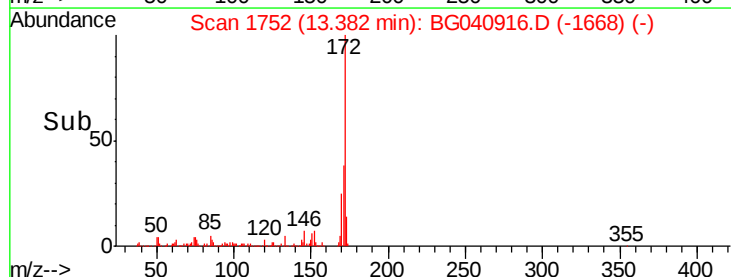


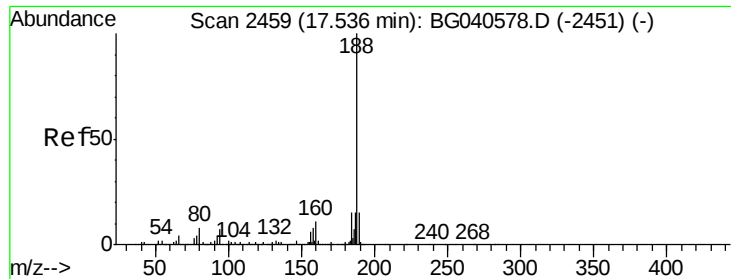
Abundance

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

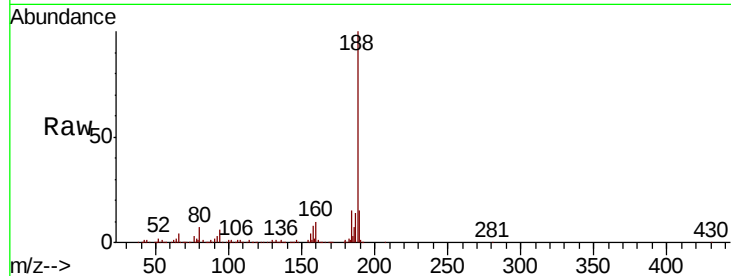




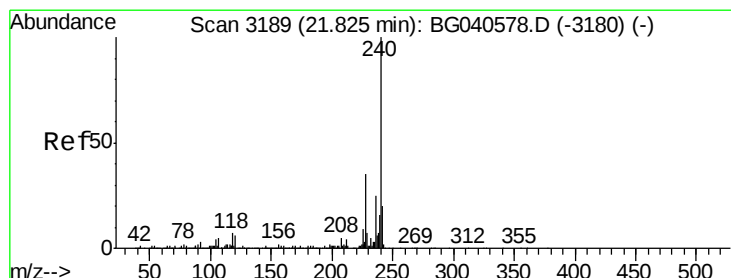
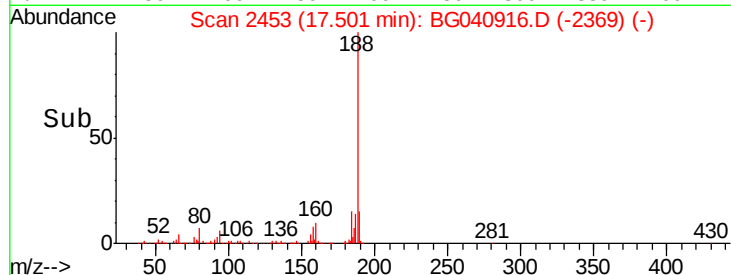
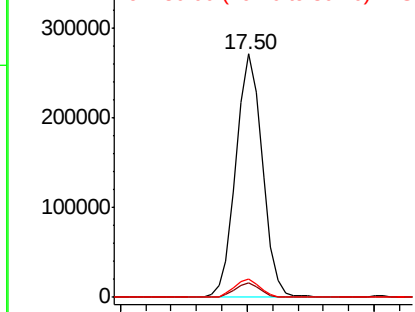
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BG040916.D
Acq: 13 May 2019 18:10

Instrument :
BNA_G
ClientSampleId :
PB119674BL

Tot Ion:188 Resp: 392741
Ion Ratio Lower Upper
188 100
94 6.0 5.6 8.4
80 7.4 6.4 9.6

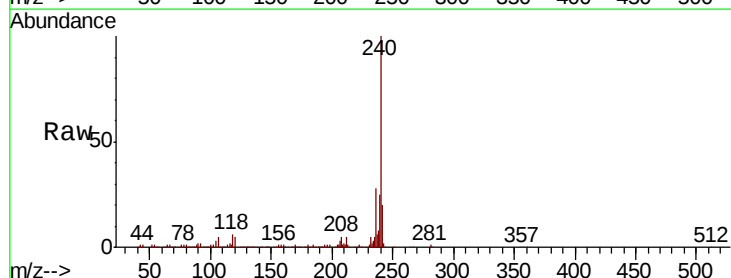


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

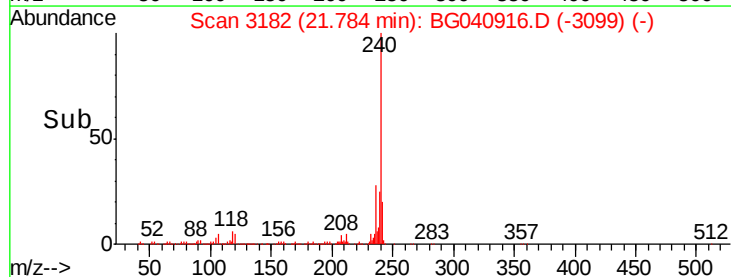
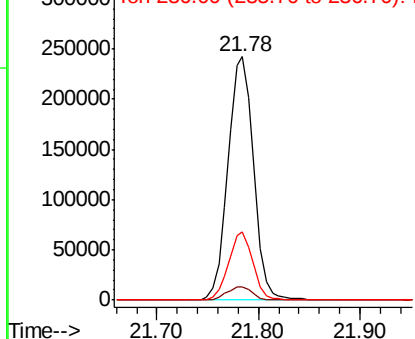


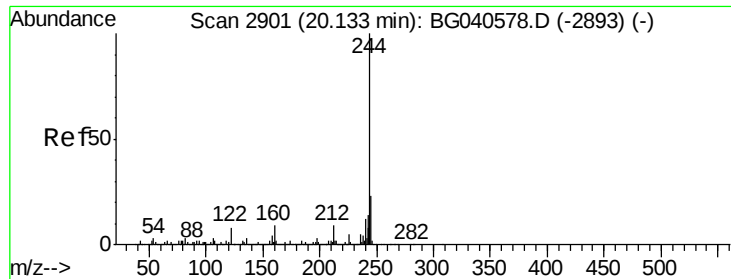
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040916.D
Acq: 13 May 2019 18:10

Tgt Ion:240 Resp: 422654
Ion Ratio Lower Upper
240 100
120 5.3 5.0 7.6
236 28.0 20.3 30.5



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: 74.373 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040916.D

Acq: 13 May 2019 18:10

Instrument :

BNA_G

ClientSampled :

PB119674BL

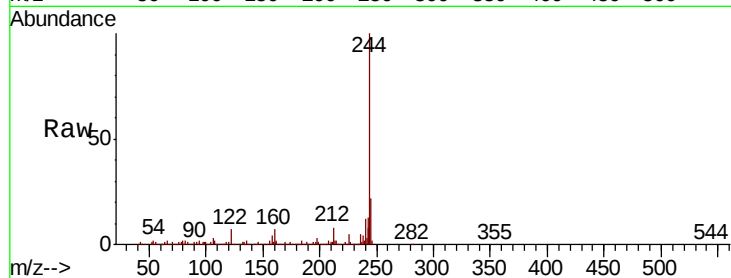
Tot Ion:244 Resp: 1418867

Ion Ratio Lower Upper

244 100

212 8.3 7.2 10.8

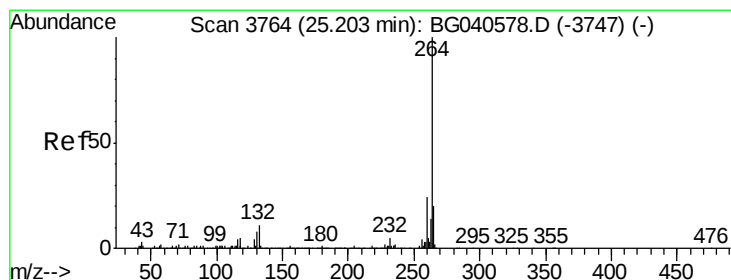
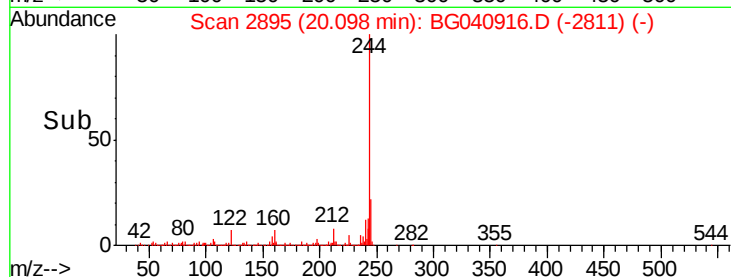
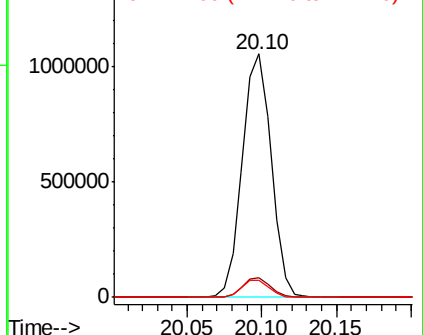
122 6.9 6.6 10.0



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: 25.13 min Scan# 3751

Delta R.T. -0.08 min

Lab File: BG040916.D

Acq: 13 May 2019 18:10

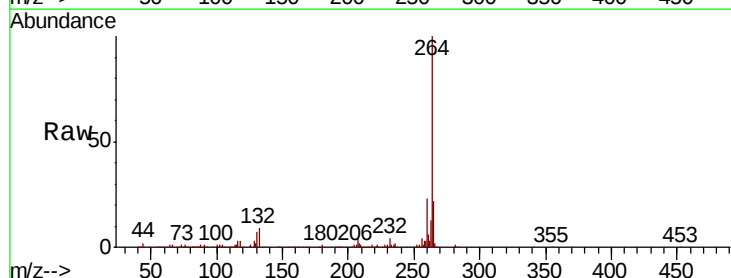
Tgt Ion:264 Resp: 460028

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.8 16.6 25.0



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

