

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
 Data File : BG040913.D
 Acq On : 13 May 2019 16:16
 Operator : HP/JU
 Sample : K2823-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 10-B2

Quant Time: May 14 01:53:57 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

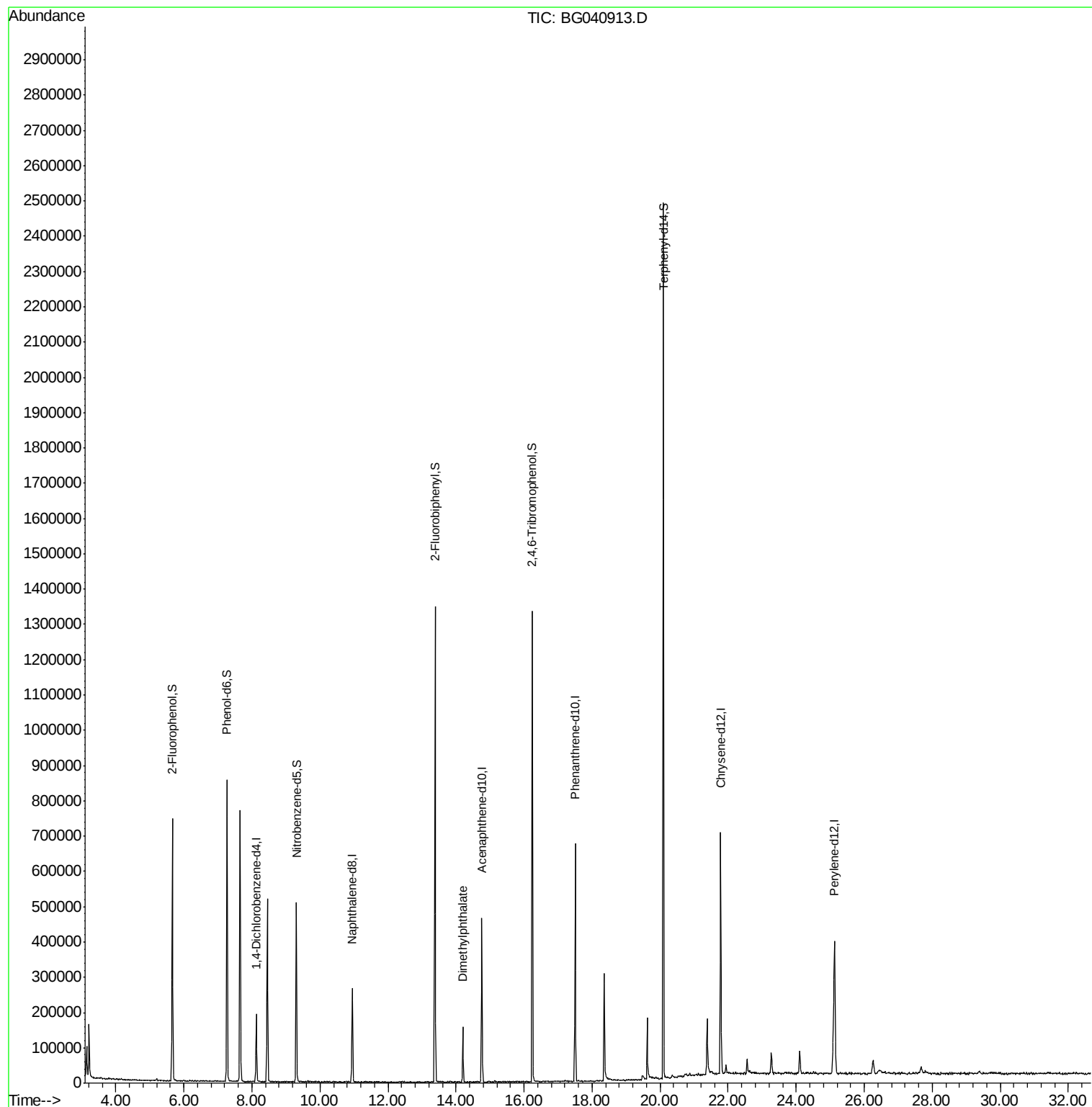
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	49634	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	208989	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	160656	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	417529	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	425429	20.00	ng	-0.05
87) Perylene-d12	25.12	264	458184	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	290173	103.06	ng	-0.02
7) Phenol-d6	7.27	99	436887	100.77	ng	-0.03
23) Nitrobenzene-d5	9.31	82	301931	66.76	ng	-0.03
42) 2,4,6-Tribromophenol	16.24	330	258215	116.93	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	693375	62.33	ng	-0.03
79) Terphenyl-d14	20.09	244	1196272	62.30	ng	-0.04
Target Compounds						
50) Dimethylphthalate	14.20	163	102245	7.607	ng	Qvalue 97

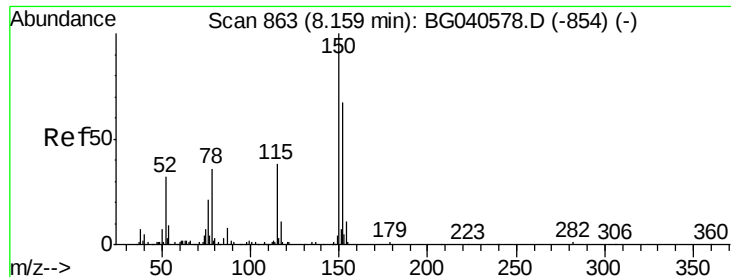
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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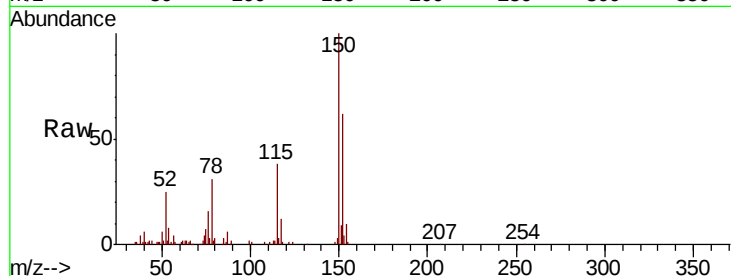


#1

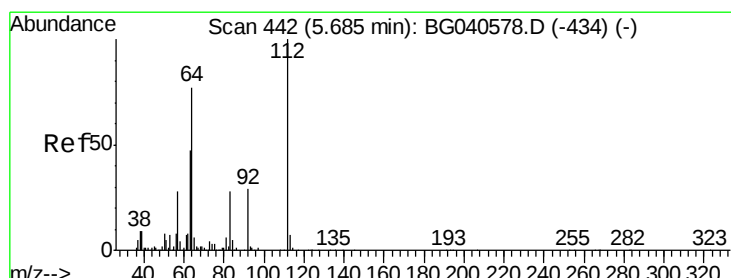
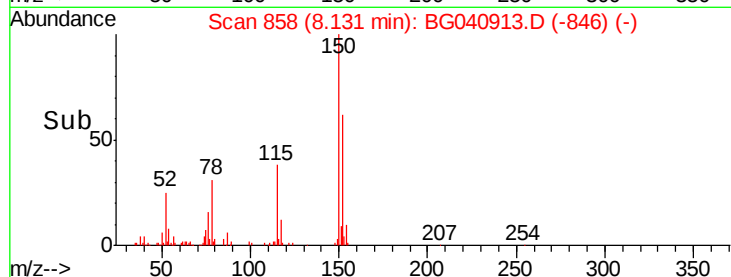
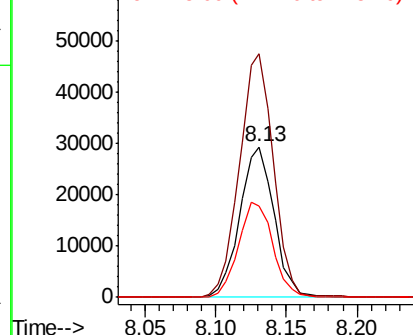
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040913.D
Acq: 13 May 2019 16:16

Instrument :
BNA_G
ClientSampleId :
10-B2

Tot Ion:152 Resp: 49634
Ion Ratio Lower Upper
152 100
150 162.1 120.2 180.2
115 61.1 46.2 69.2



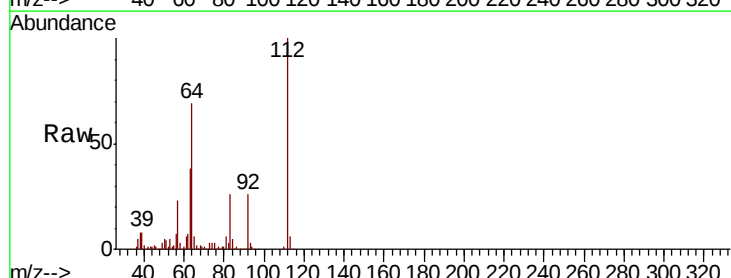
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



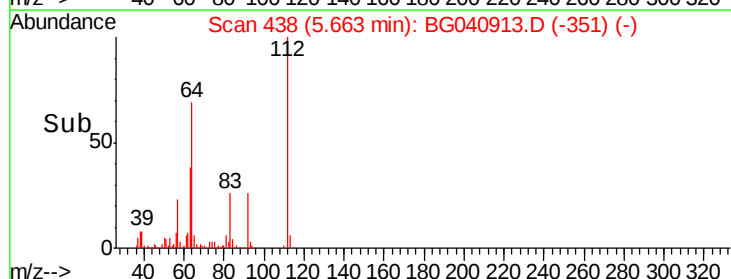
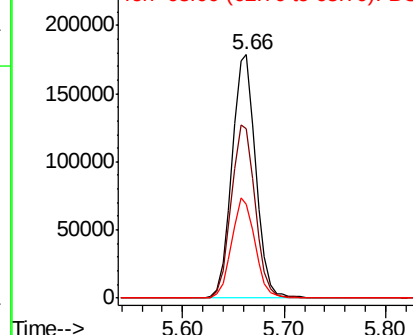
#5

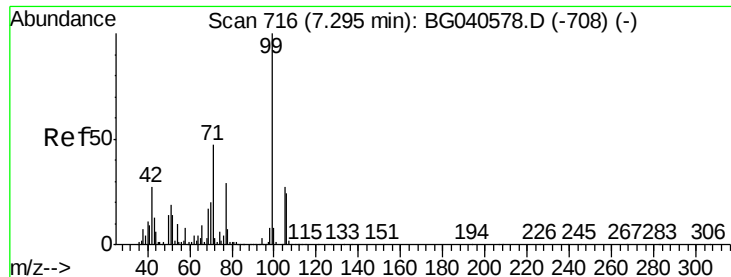
2-Fluorophenol
Concen: 103.056 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040913.D
Acq: 13 May 2019 16:16

Tgt Ion:112 Resp: 290173
Ion Ratio Lower Upper
112 100
64 69.5 61.4 92.0
63 38.4 37.8 56.6



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: 100.773 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040913.D

Acq: 13 May 2019 16:16

Instrument :

BNA_G

ClientSampleId :

10-B2

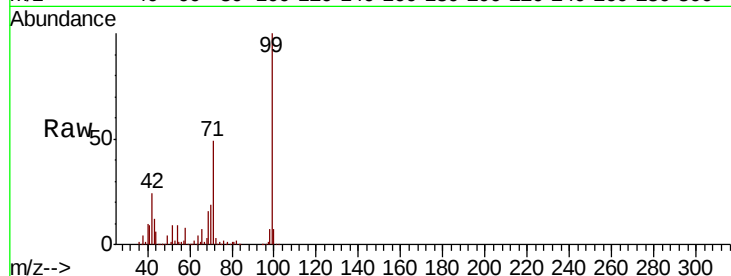
Tot Ion: 99 Resp: 436887

Ion Ratio Lower Upper

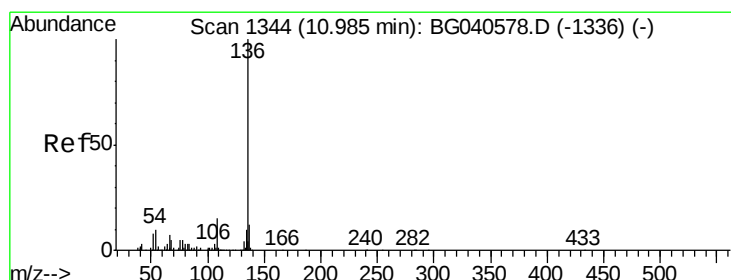
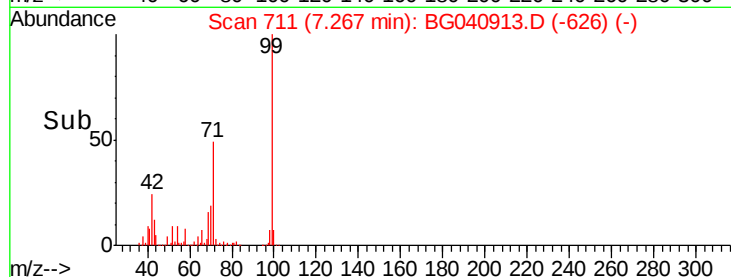
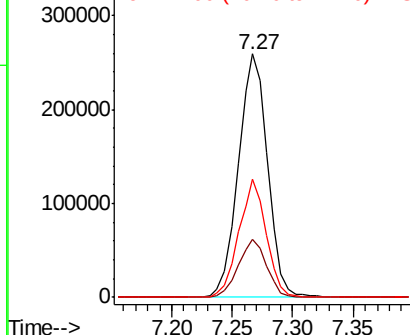
99 100

42 23.9 21.8 32.8

71 48.5 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: BG040913.D

Acq: 13 May 2019 16:16

Tgt Ion: 136 Resp: 208989

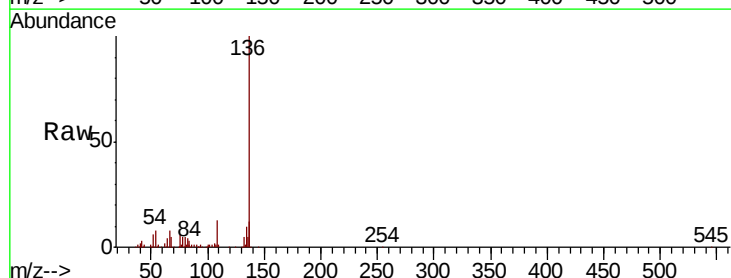
Ion Ratio Lower Upper

136 100

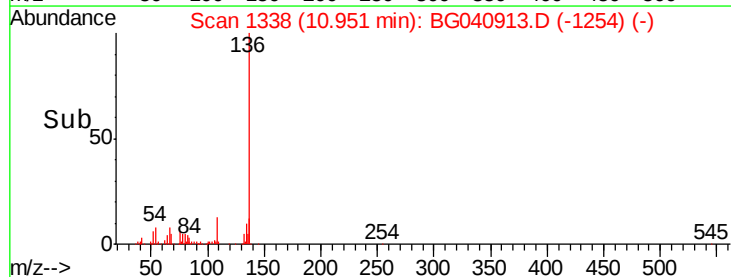
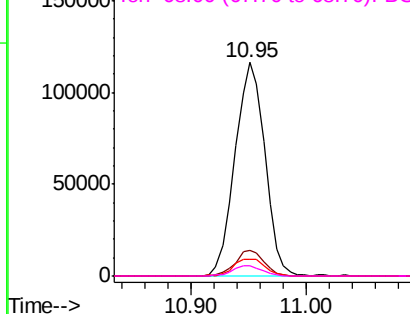
137 11.8 9.7 14.5

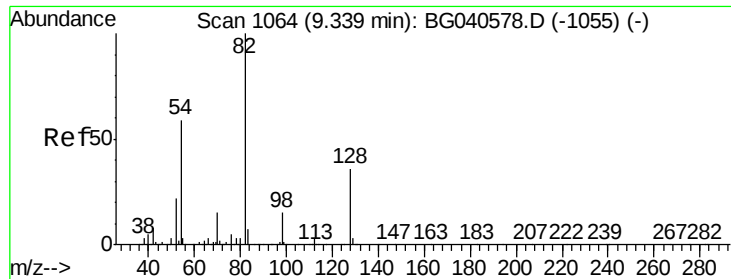
54 8.1 8.6 12.8#

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

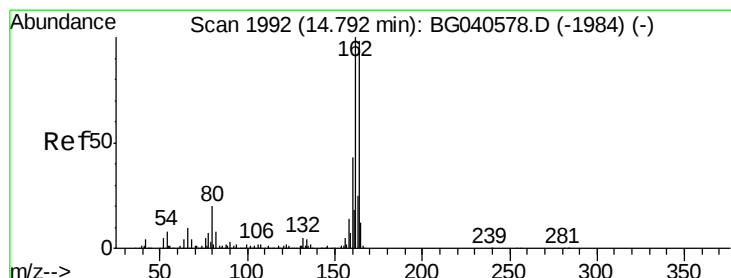
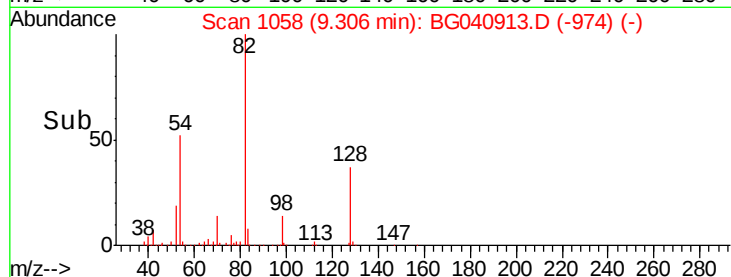
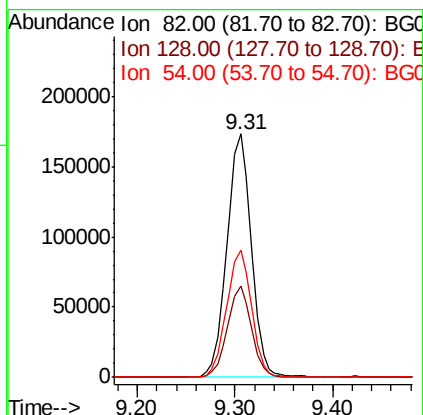
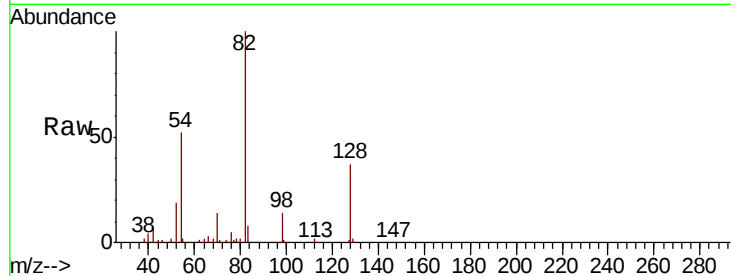




#23
 Nitrobenzene-d5
 Concen: 66.755 ng
 RT: 9.31 min Scan# 1058
 Delta R.T. -0.03 min
 Lab File: BG040913.D
 Acq: 13 May 2019 16:16

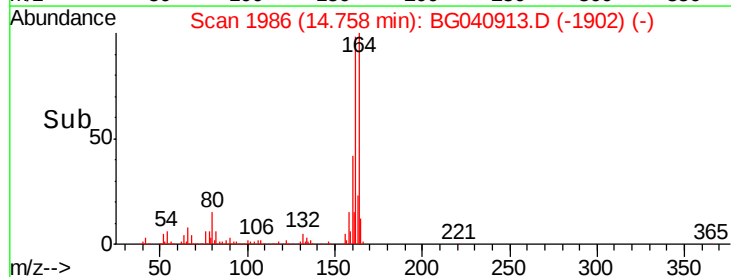
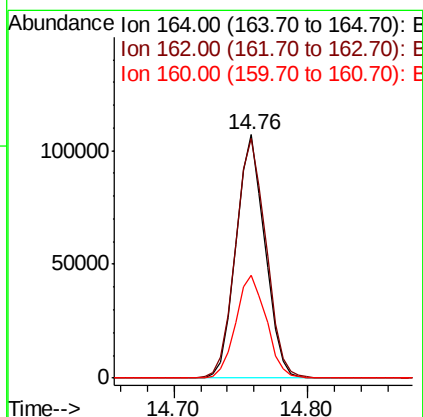
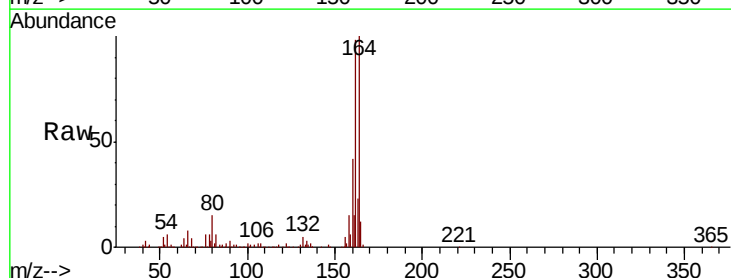
Instrument :
 BNA_G
 ClientSampleId :
 10-B2

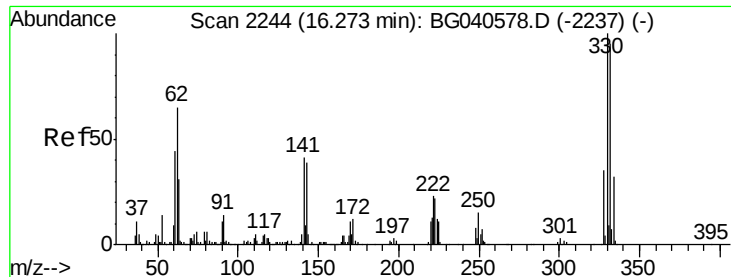
Tot Ion	82	Resp	301931
Ion Ratio	100	Lower	Upper
128	37.5	28.9	43.3
54	52.3	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.03 min
 Lab File: BG040913.D
 Acq: 13 May 2019 16:16

Tgt Ion	164	Resp	160656
Ion Ratio	100	Lower	Upper
162	98.3	81.9	122.9
160	42.2	35.4	53.2

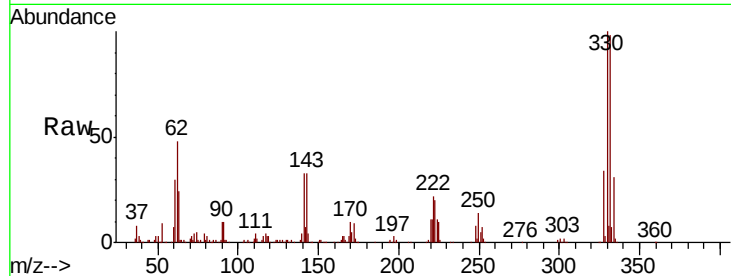




#42
 2,4,6-Tribromophenol
 Concen: 116.932 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.03 min
 Lab File: BG040913.D
 Acq: 13 May 2019 16:16

Instrument :
 BNA_G
 ClientSampled :
 10-B2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.9	113.9
141	34.1	32.4	48.6

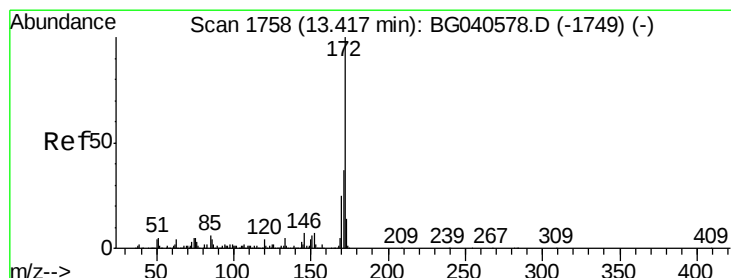
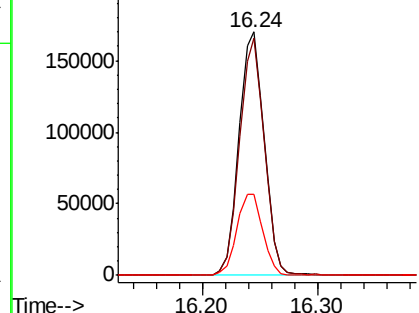
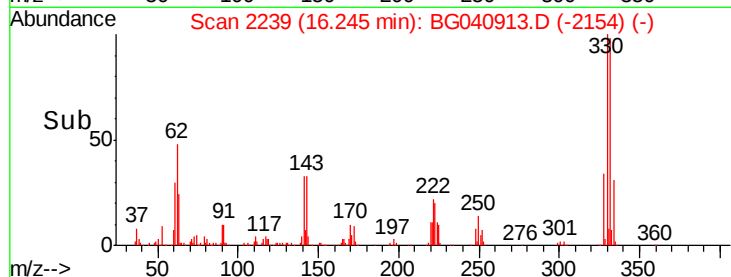


Abundance

Ion 329.80 (329.50 to 330.50): E

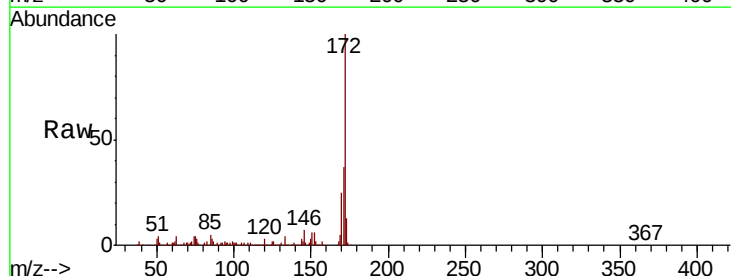
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.330 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040913.D
 Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	24.5	19.9	29.9

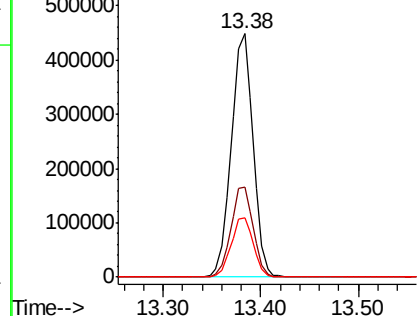
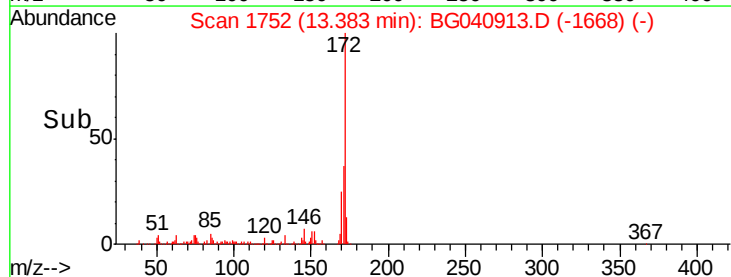


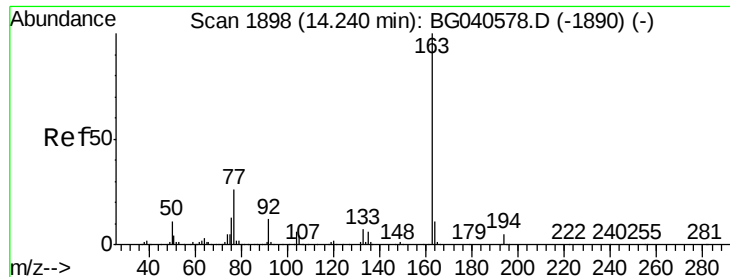
Abundance

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

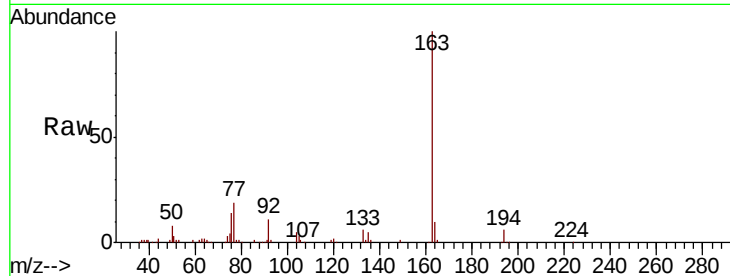




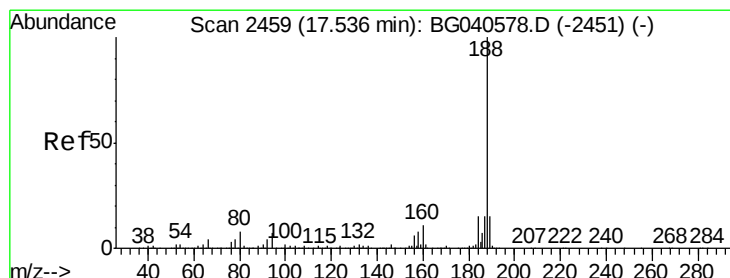
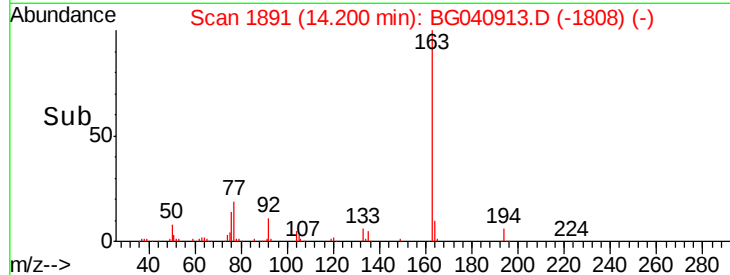
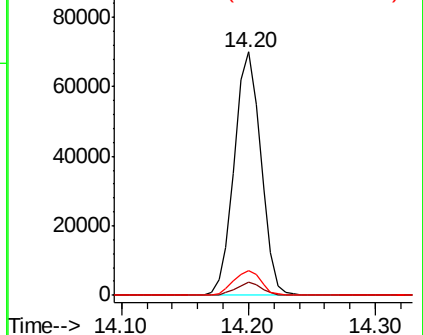
#50
Dimethylphthalate
Concen: 7.607 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.04 min
Lab File: BG040913.D
Acq: 13 May 2019 16:16

Instrument :
BNA_G
ClientSampleId :
10-B2

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.8	5.8
164	9.9	8.8	13.2

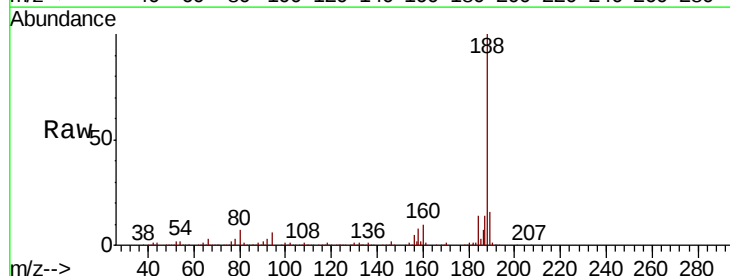


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

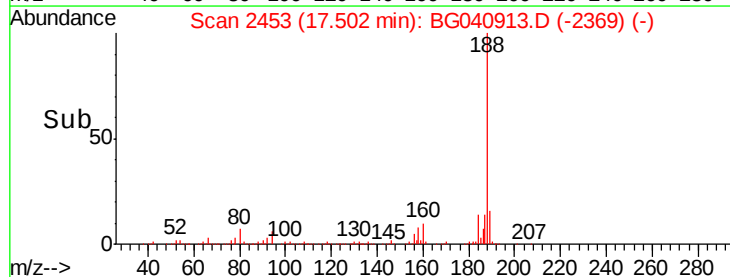
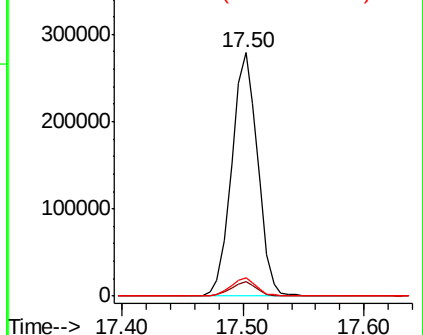


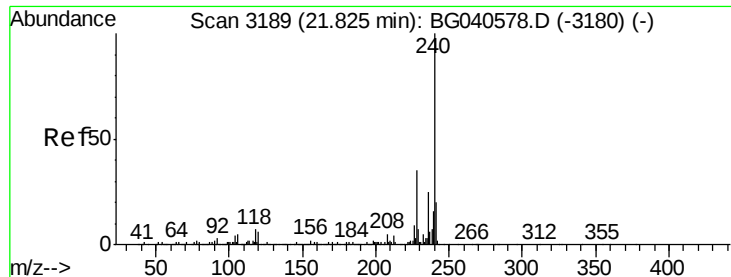
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BG040913.D
Acq: 13 May 2019 16:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.6	8.4
80	7.3	6.4	9.6



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

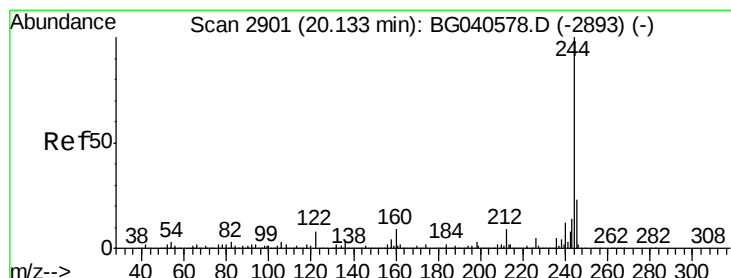
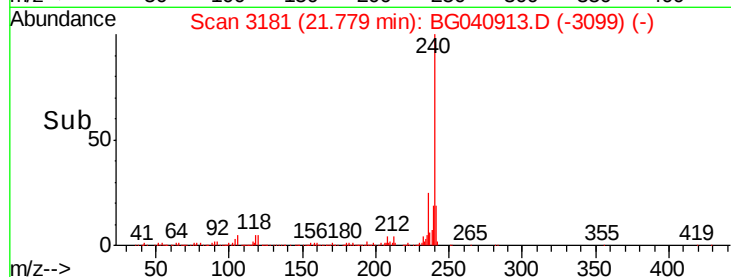
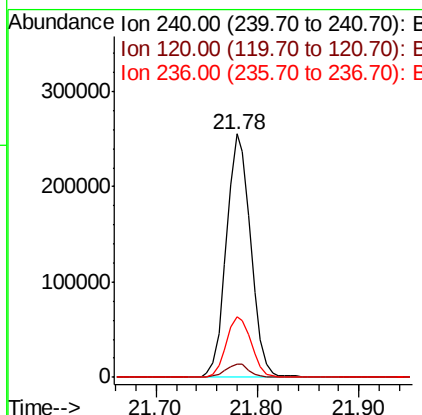
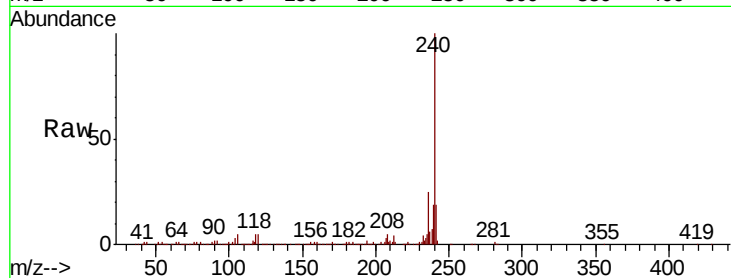




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.05 min
Lab File: BG040913.D
Acq: 13 May 2019 16:16

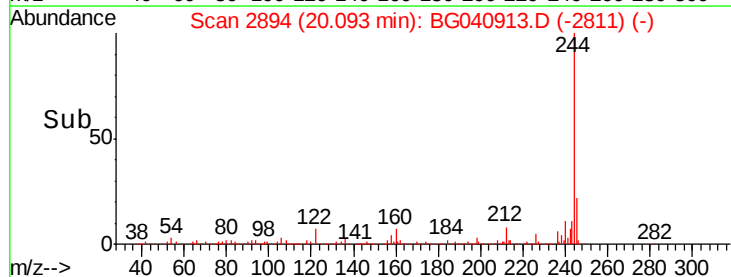
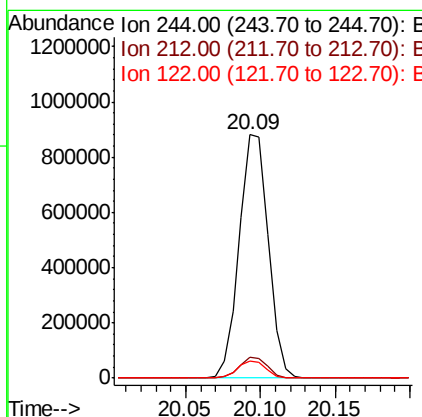
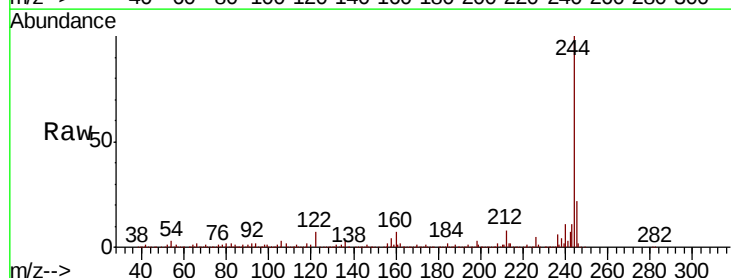
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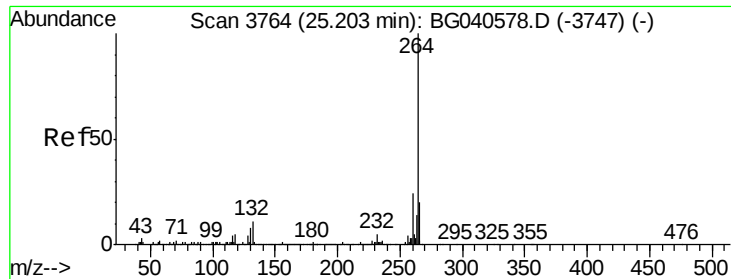
Tot Ion:240 Resp: 425429
Ion Ratio Lower Upper
240 100
120 5.2 5.0 7.6
236 24.9 20.3 30.5



#79
Terphenyl-d14
Concen: 62.296 ng
RT: 20.09 min Scan# 2894
Delta R.T. -0.04 min
Lab File: BG040913.D
Acq: 13 May 2019 16:16

Tgt Ion:244 Resp: 1196272
Ion Ratio Lower Upper
244 100
212 8.4 7.2 10.8
122 6.9 6.6 10.0

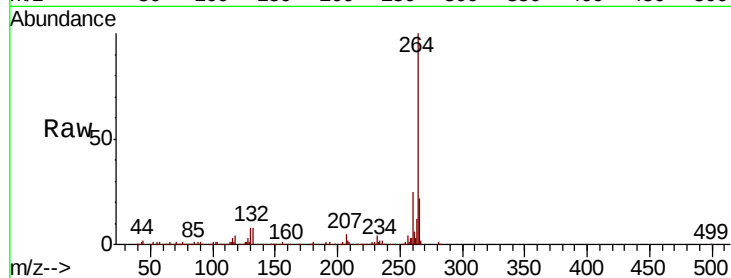




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3750
Delta R.T. -0.08 min
Lab File: BG040913.D
Acq: 13 May 2019 16:16

Instrument :
BNA_G
ClientSampleId :
10-B2

Tot Ion:	264	Resp:	458184
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.2	16.6	25.0



Abundance Ion 264.00 (263.70 to 264.70): E
200000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

