

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042903.D
 Acq On : 18 Sep 2019 20:44
 Operator : HP/JU
 Sample : K4944-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

Quant Time: Sep 19 02:46:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53543	20.00	ng	-0.03
21) Naphthalene-d8	10.90	136	211752	20.00	ng	-0.03
39) Acenaphthene-d10	14.71	164	160294	20.00	ng	-0.03
64) Phenanthrene-d10	17.46	188	375238	20.00	ng	-0.03
76) Chrysene-d12	21.73	240	369355	20.00	ng	-0.03
87) Perylene-d12	24.98	264	372193	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	389254	126.39	ng	0.00
7) Phenol-d6	7.27	99	533800	120.76	ng	0.00
23) Nitrobenzene-d5	9.26	82	446883	109.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.20	330	252524	118.41	ng	-0.02
45) 2-Fluorobiphenyl	13.34	172	1060541	104.73	ng	-0.03
79) Terphenyl-d14	20.07	244	1828306	109.71	ng	-0.03

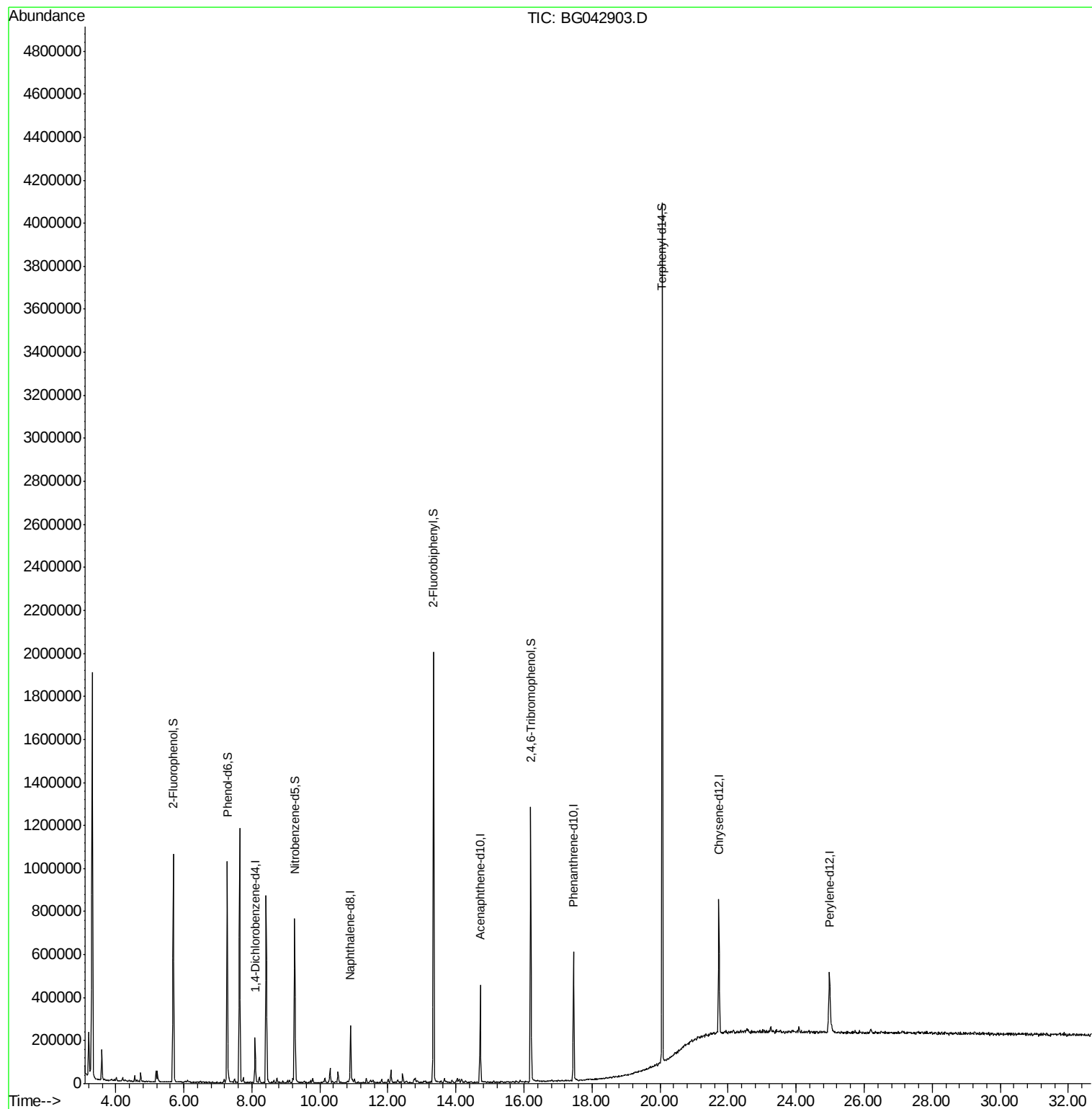
Target Compounds Qvalue

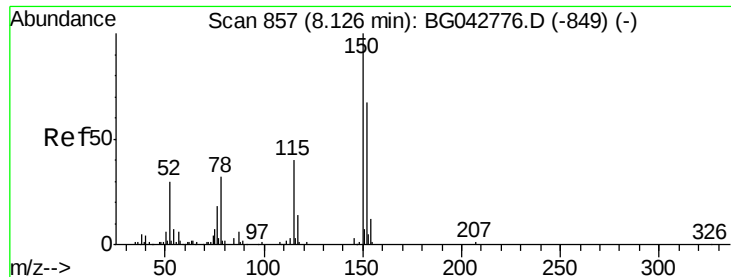
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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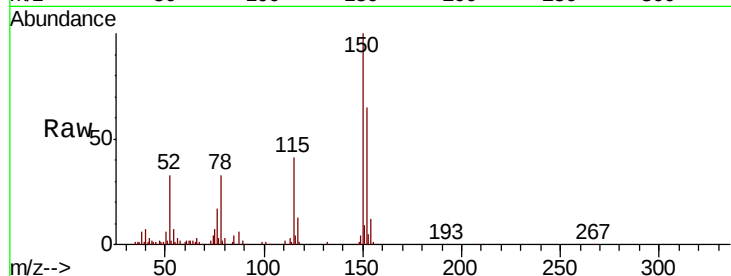


#1

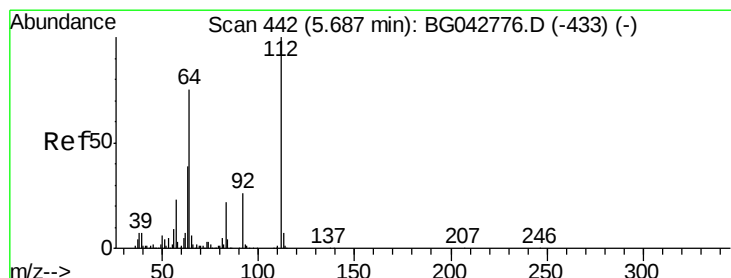
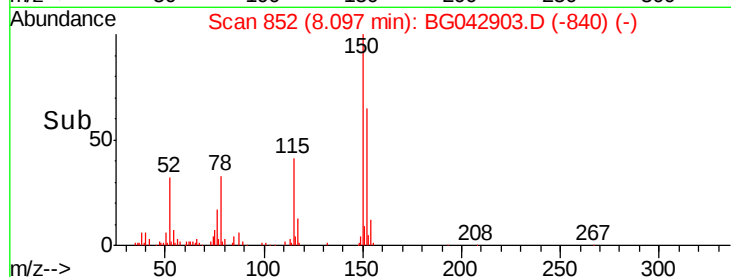
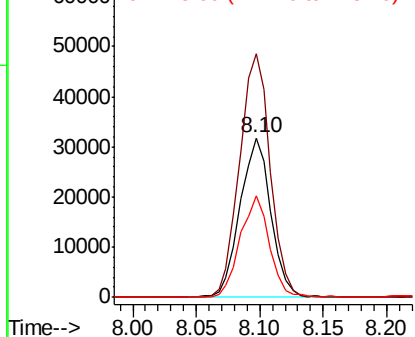
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 852
Delta R.T. -0.03 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

Tot Ion:152 Resp: 53543
Ion Ratio Lower Upper
152 100
150 152.9 118.9 178.3
115 63.4 47.4 71.2



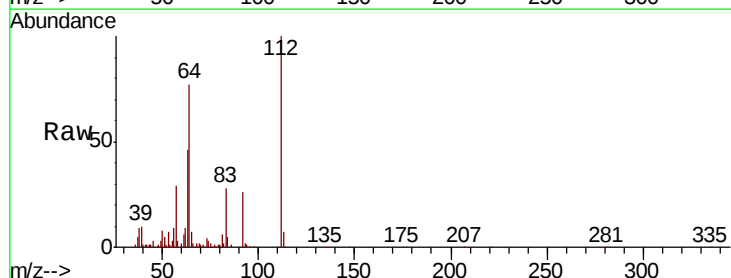
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



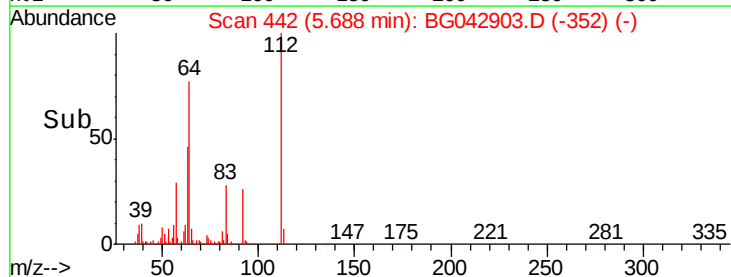
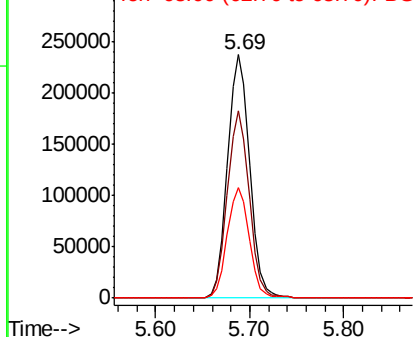
#5

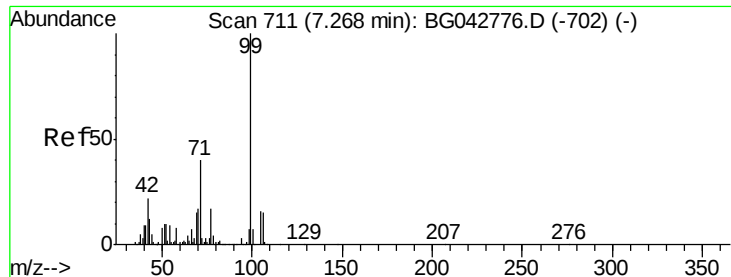
2-Fluorophenol
Concen: 126.391 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG042903.D
Acq: 18 Sep 2019 20:44

Tgt Ion:112 Resp: 389254
Ion Ratio Lower Upper
112 100
64 76.9 60.2 90.2
63 45.5 31.2 46.8



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: 120.756 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.01 min

Lab File: BG042903.D

Acq: 18 Sep 2019 20:44

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

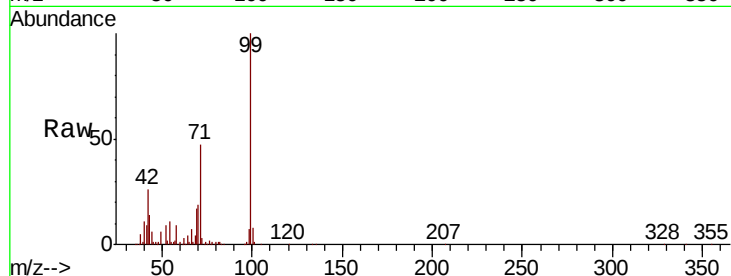
Tot Ion: 99 Resp: 533800

Ion Ratio Lower Upper

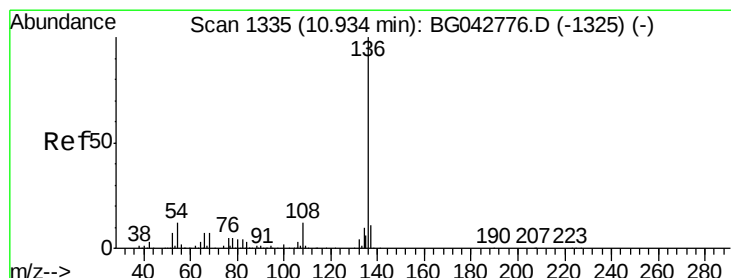
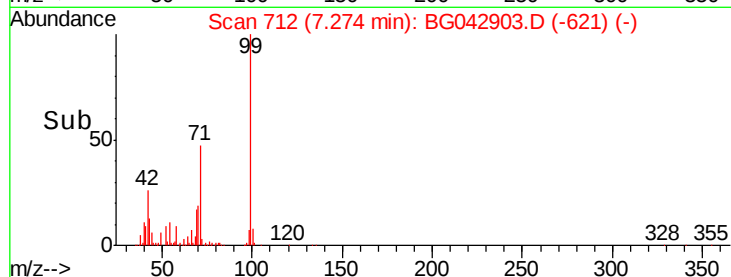
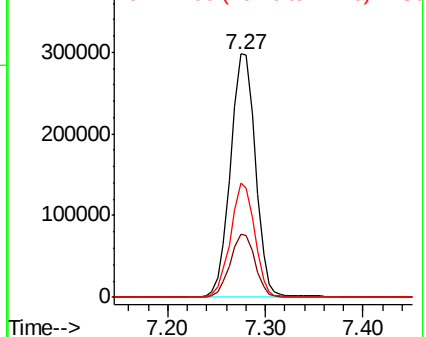
99 100

42 25.9 17.5 26.3

71 46.9 32.0 48.0



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# 1329

Delta R.T. -0.03 min

Lab File: BG042903.D

Acq: 18 Sep 2019 20:44

Tgt Ion: 136 Resp: 211752

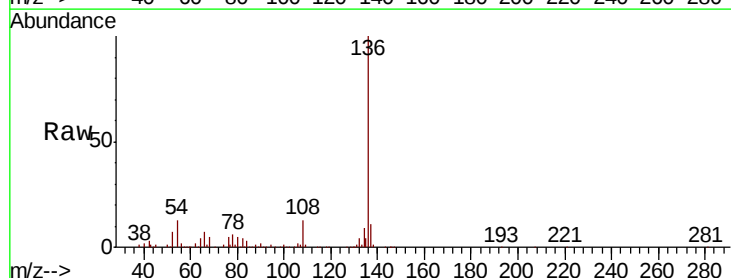
Ion Ratio Lower Upper

136 100

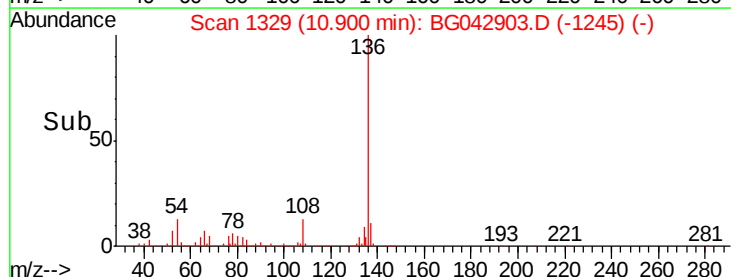
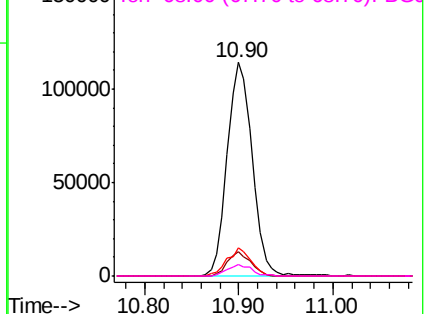
137 11.2 9.0 13.6

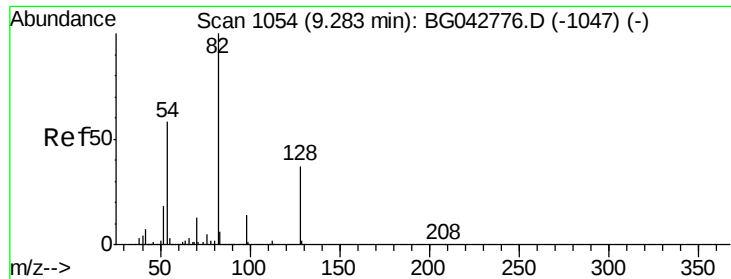
54 13.1 9.4 14.0

68 5.2 5.4 8.2#



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

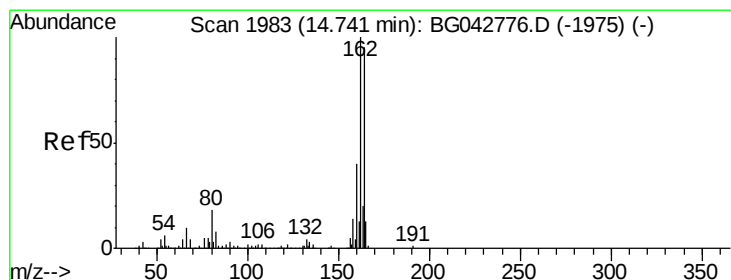
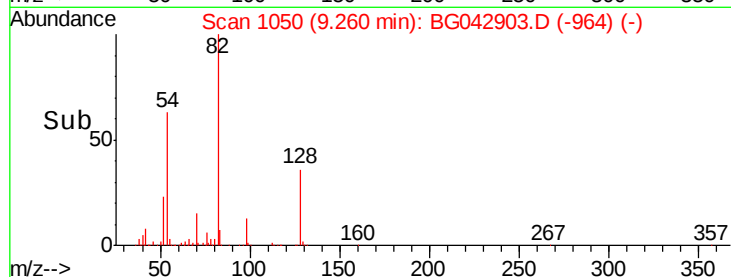
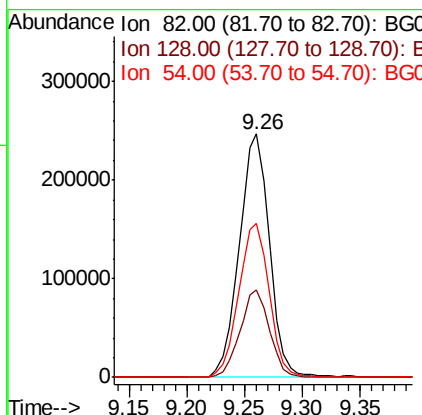
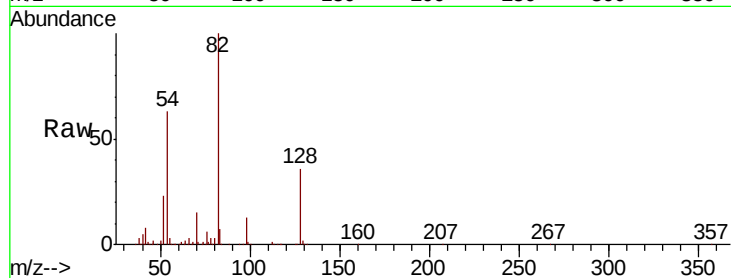




#23
 Nitrobenzene-d5
 Concen: 109.873 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.02 min
 Lab File: BG042903.D
 Acq: 18 Sep 2019 20:44

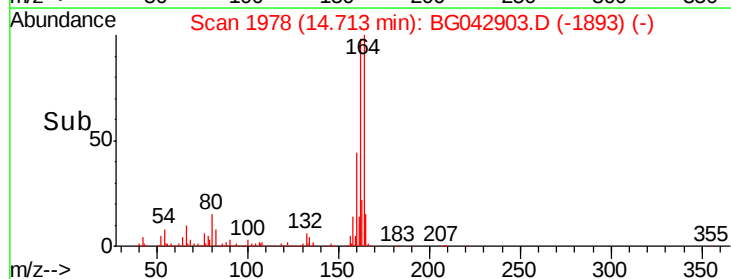
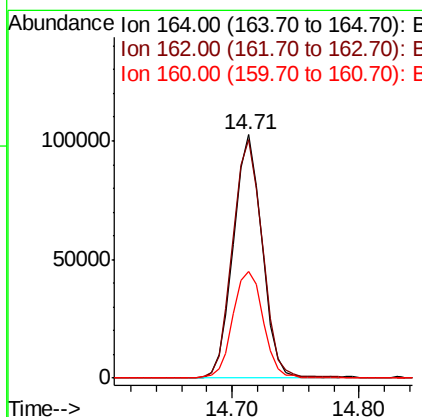
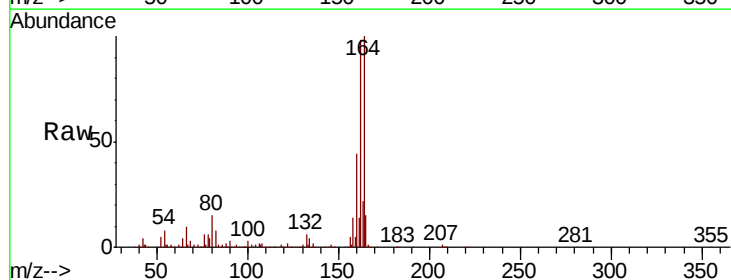
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

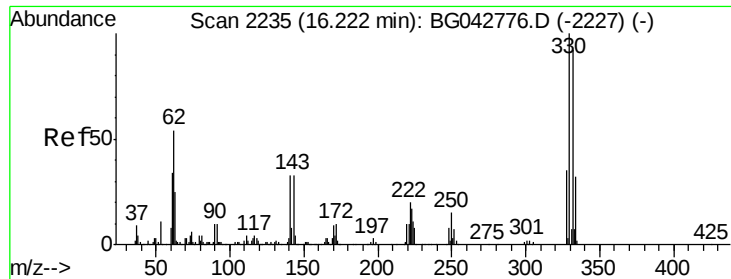
Tot Ion	82	Resp	446883
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.8	44.8
54	63.1	46.1	69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.03 min
 Lab File: BG042903.D
 Acq: 18 Sep 2019 20:44

Tgt Ion	164	Resp	160294
Ion Ratio	Lower	Upper	
164	100		
162	97.9	84.6	126.8
160	43.7	34.2	51.2

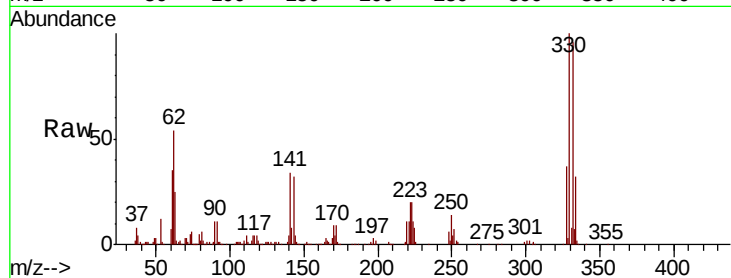




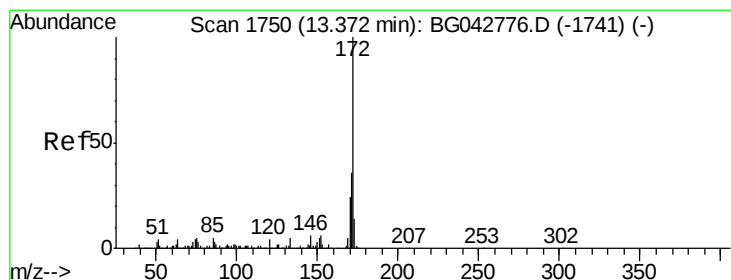
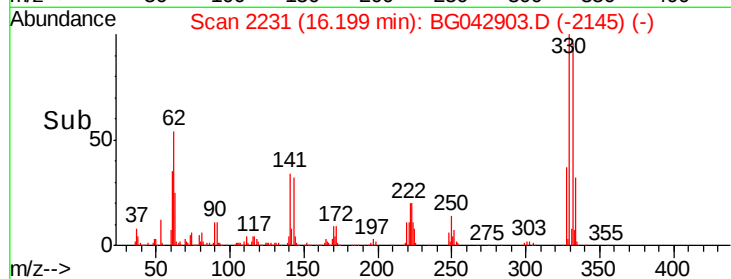
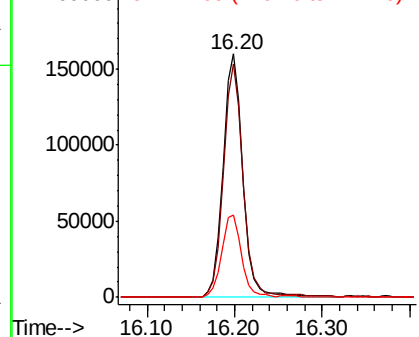
#42
 2,4,6-Tribromophenol
 Concen: 118.412 ng
 RT: 16.20 min Scan# 2231
 Delta R.T. -0.02 min
 Lab File: BG042903.D
 Acq: 18 Sep 2019 20:44

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

Tot Ion:330 Resp: 252524
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.7 115.1
 141 33.8 27.0 40.6

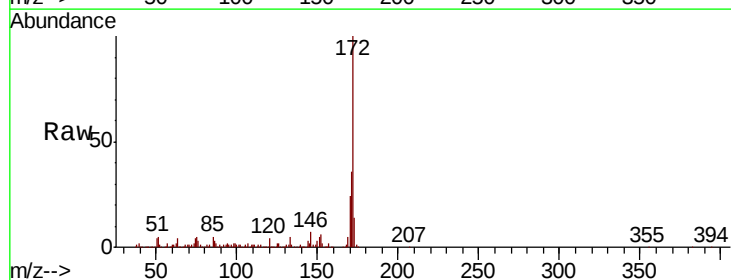


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

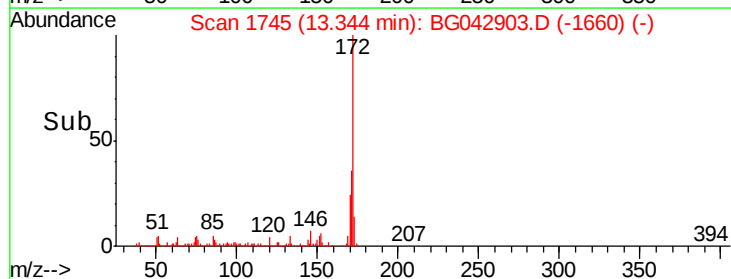
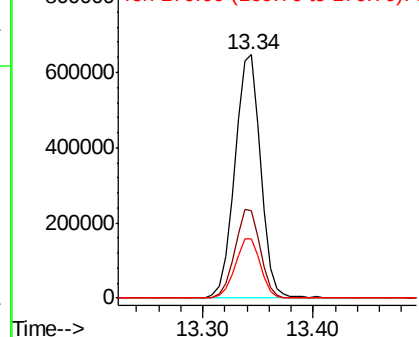


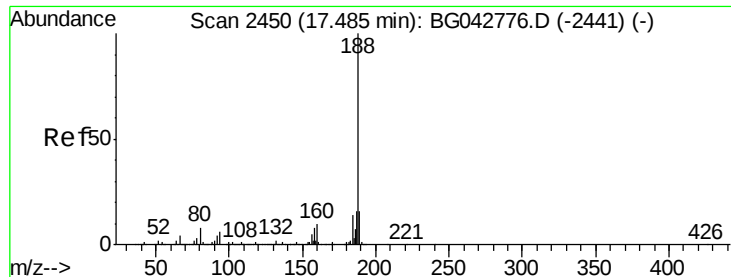
#45
 2-Fluorobiphenyl
 Concen: 104.730 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. -0.03 min
 Lab File: BG042903.D
 Acq: 18 Sep 2019 20:44

Tgt Ion:172 Resp: 1060541
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.1 19.1 28.7



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: 17.46 min Scan# 2445

Delta R.T. -0.03 min

Lab File: BG042903.D

Acq: 18 Sep 2019 20:44

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

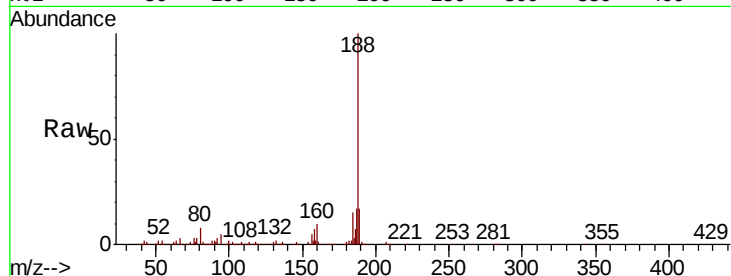
Tot Ion:188 Resp: 375238

Ion Ratio Lower Upper

188 100

94 5.4 4.8 7.2

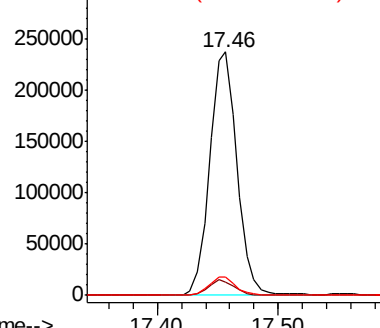
80 7.8 6.6 9.8



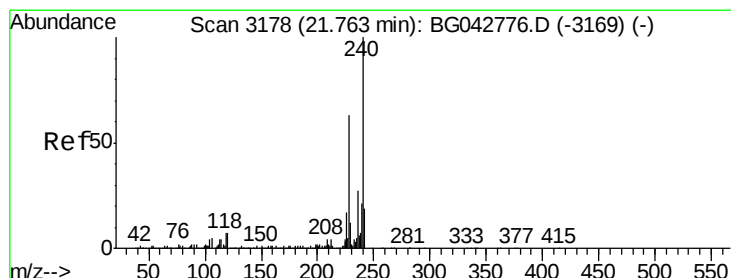
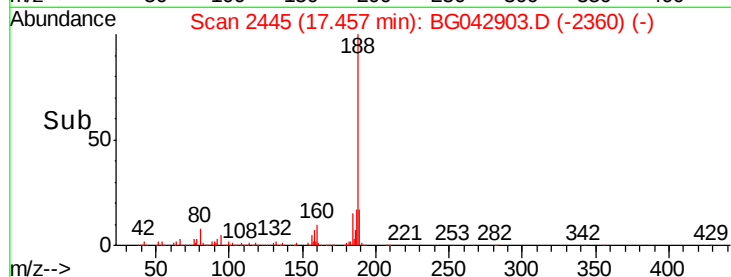
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3172

Delta R.T. -0.03 min

Lab File: BG042903.D

Acq: 18 Sep 2019 20:44

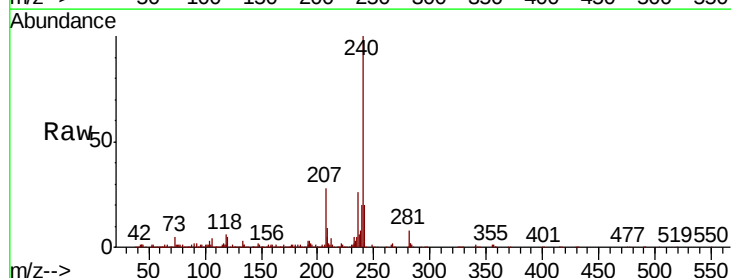
Tgt Ion:240 Resp: 369355

Ion Ratio Lower Upper

240 100

120 5.1 5.4 8.2#

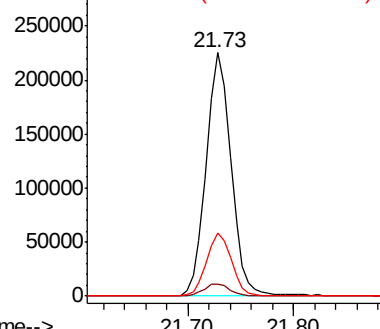
236 25.7 21.7 32.5



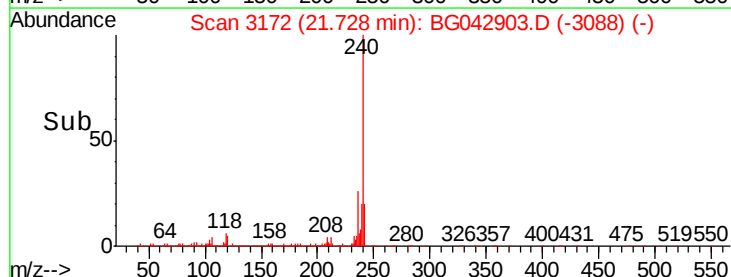
Abundance Ion 240.00 (239.70 to 240.70): E

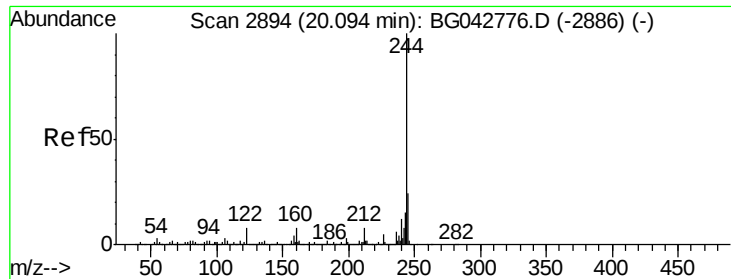
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 109.706 ng

RT: 20.07 min Scan# 2889

Delta R.T. -0.03 min

Lab File: BG042903.D

Acq: 18 Sep 2019 20:44

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

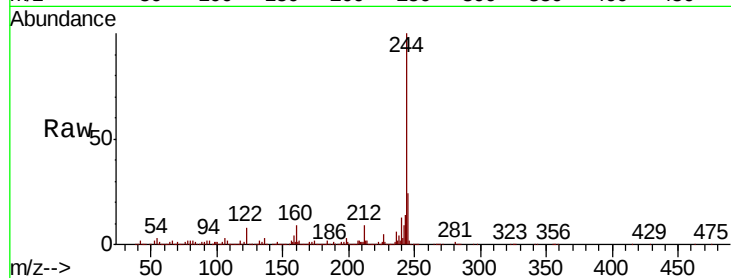
Tot Ion:244 Resp: 1828306

Ion Ratio Lower Upper

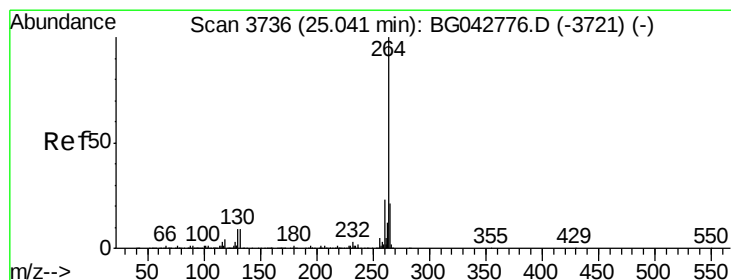
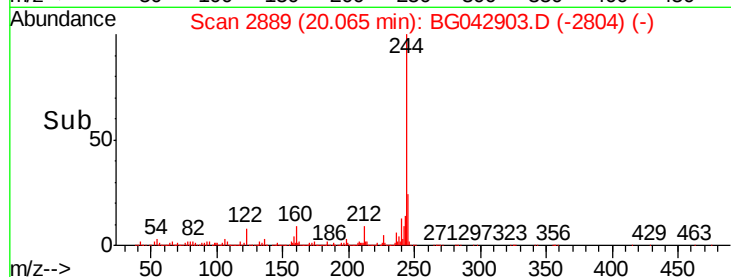
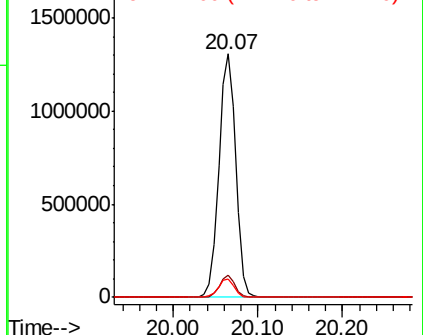
244 100

212 9.2 6.6 10.0

122 7.6 6.2 9.4



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: 24.98 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG042903.D

Acq: 18 Sep 2019 20:44

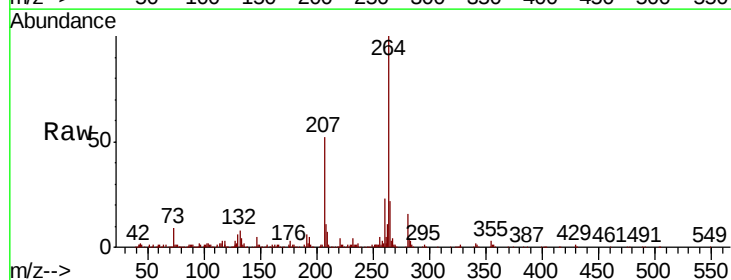
Tgt Ion:264 Resp: 372193

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 22.4 16.9 25.3



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

