

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040851.D
 Acq On : 10 May 2019 14:42
 Operator : HP/JU
 Sample : K2764-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS009-0612-01

Quant Time: May 10 17:22:02 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

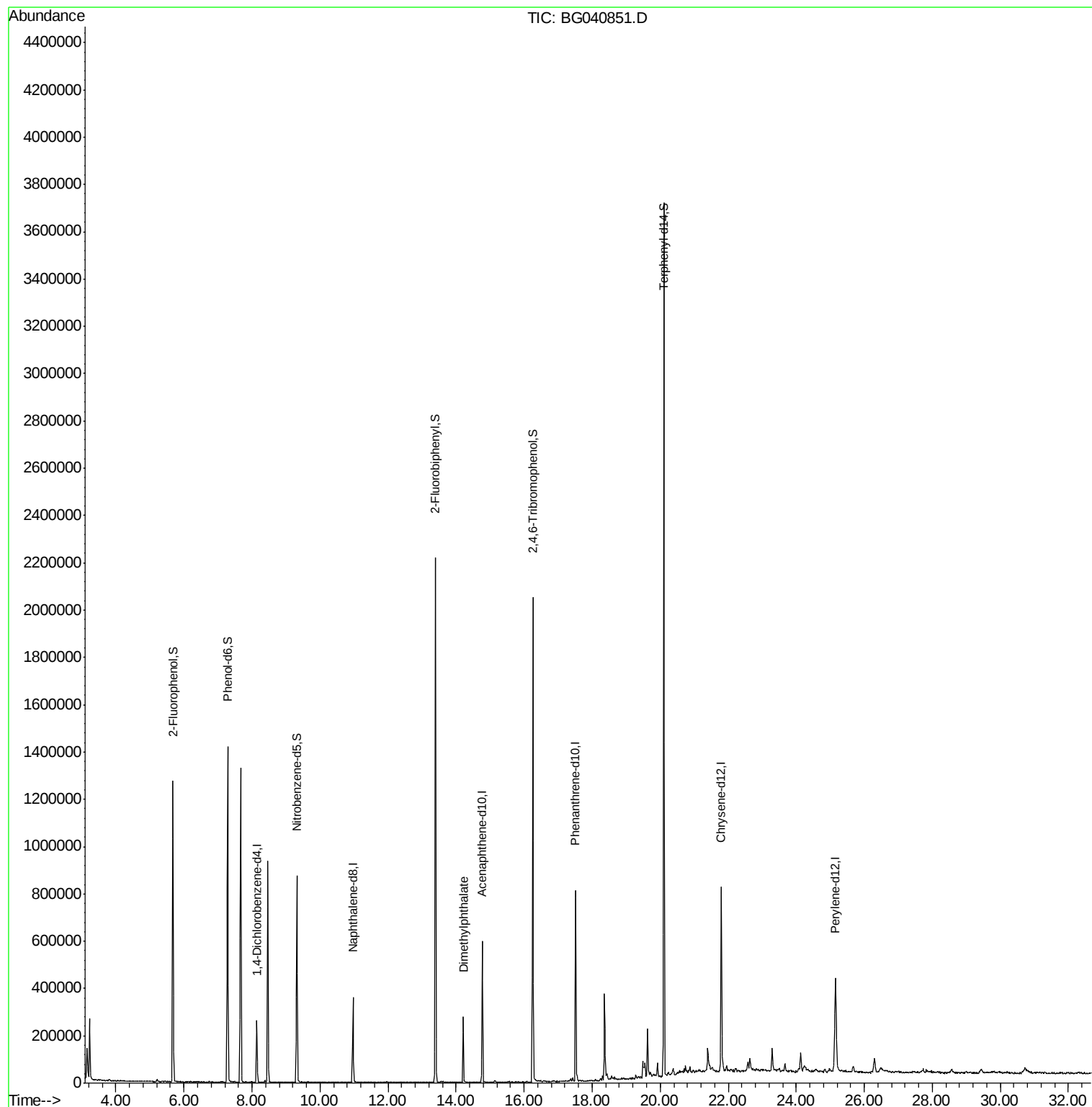
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	64917	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	285208	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	207420	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	498936	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	488285	20.00	ng	-0.03
87) Perylene-d12	25.16	264	499204	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	476216	129.31	ng	-0.01
7) Phenol-d6	7.28	99	731823	129.06	ng	-0.01
23) Nitrobenzene-d5	9.32	82	521001	84.41	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	377756	132.50	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	1103975	76.87	ng	-0.02
79) Terphenyl-d14	20.11	244	1725932	78.31	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.21	163	169134	9.746	ng	Qvalue 97

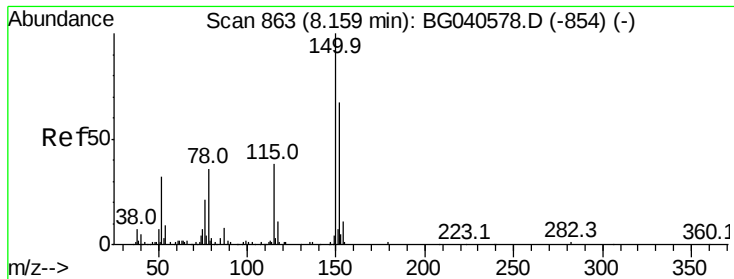
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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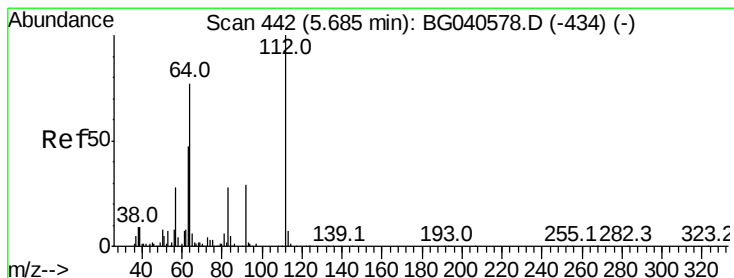
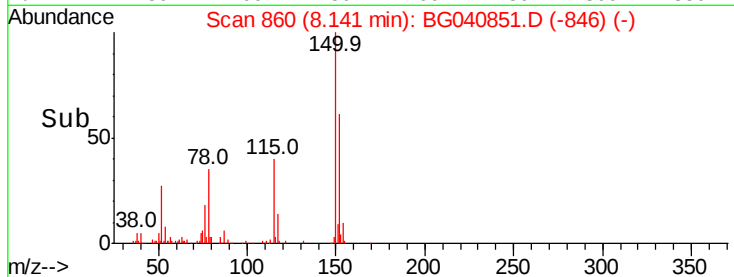
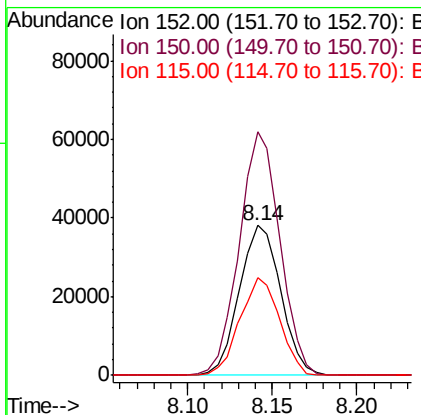
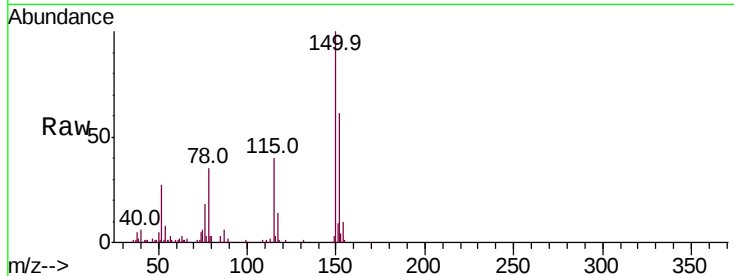


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040851.D
Acq: 10 May 2019 14:42

Instrument :
BNA_G
ClientSampleId :
P021-SS009-0612-01

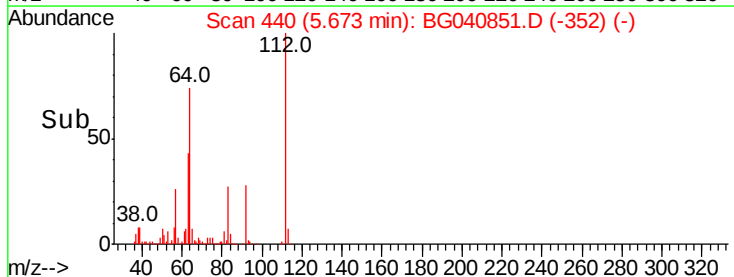
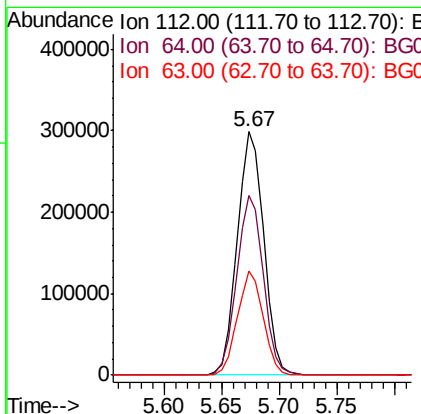
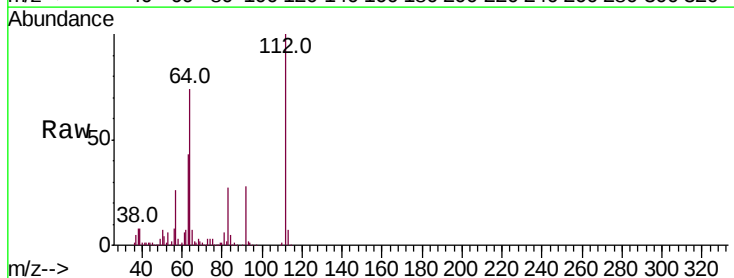
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	120.2	180.2
115	65.3	46.2	69.2

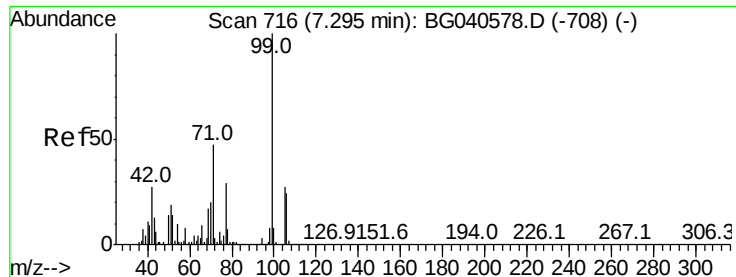


#5

2-Fluorophenol
Concen: 129.312 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040851.D
Acq: 10 May 2019 14:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.0	61.4	92.0
63	42.5	37.8	56.6





#7

Phenol-d6

Concen: 129.063 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040851.D

Acq: 10 May 2019 14:42

Instrument :

BNA_G

ClientSampleId :

P021-SS009-0612-01

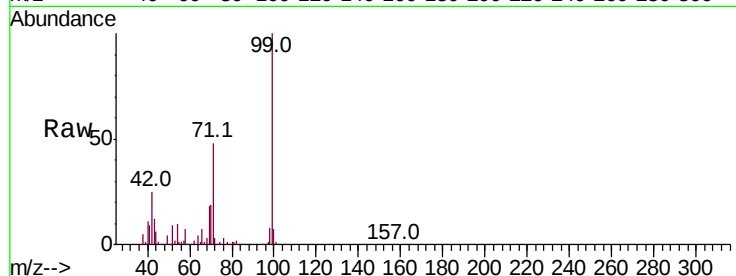
Tot Ion: 99 Resp: 731823

Ion Ratio Lower Upper

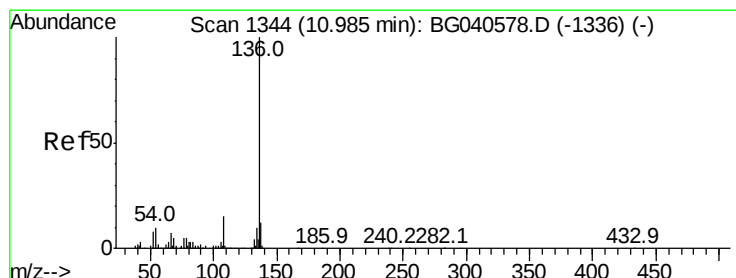
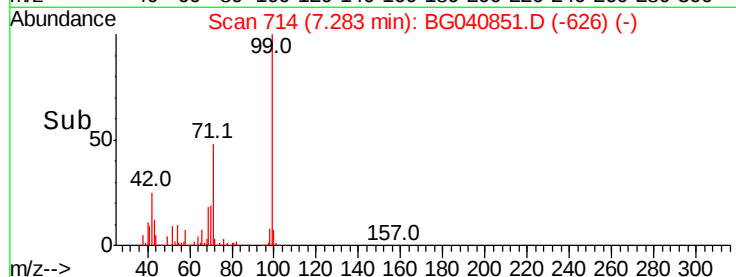
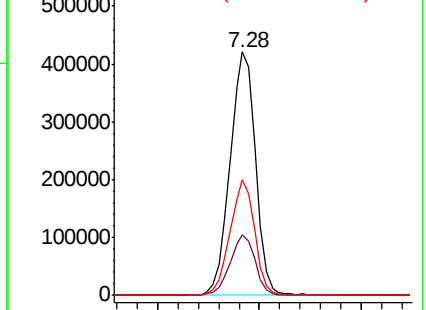
99 100

42 24.8 21.8 32.8

71 47.7 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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040851.D

Acq: 10 May 2019 14:42

Tgt Ion: 136 Resp: 285208

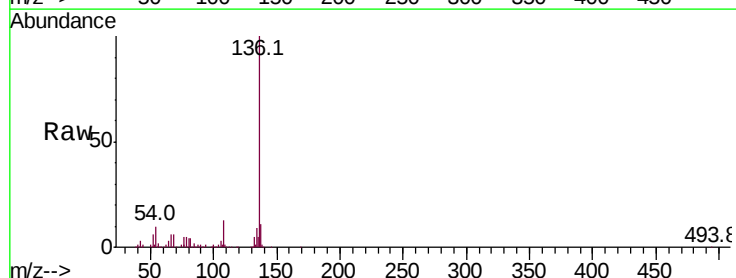
Ion Ratio Lower Upper

136 100

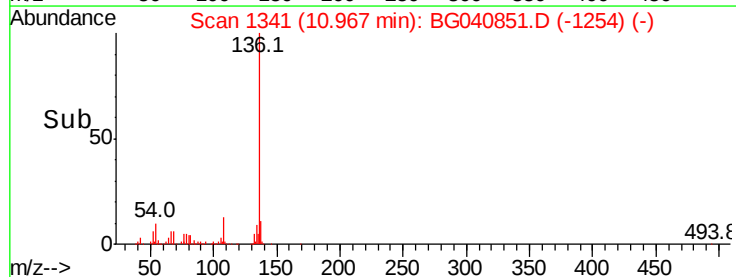
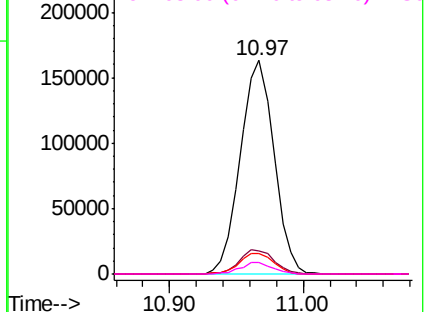
137 11.0 9.7 14.5

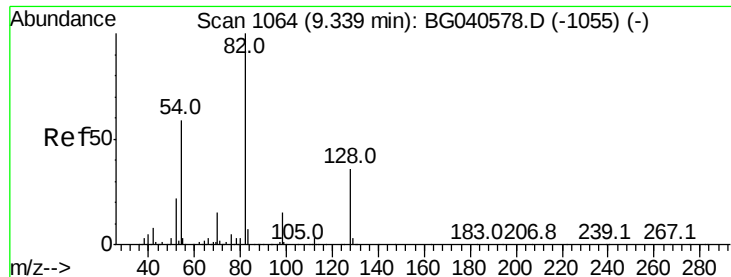
54 9.6 8.6 12.8

68 5.6 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

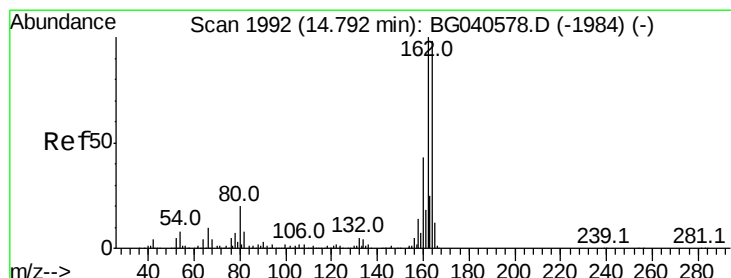
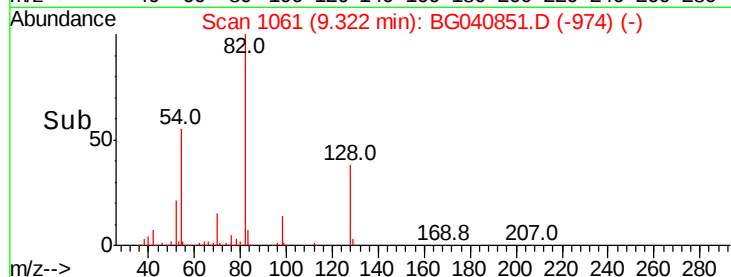
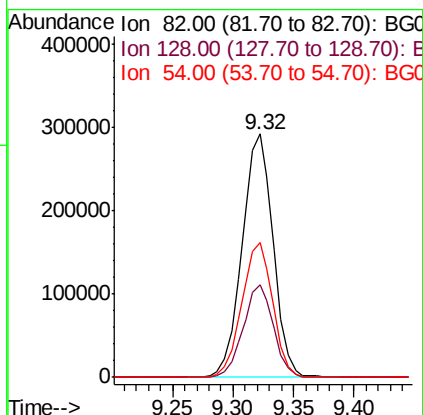
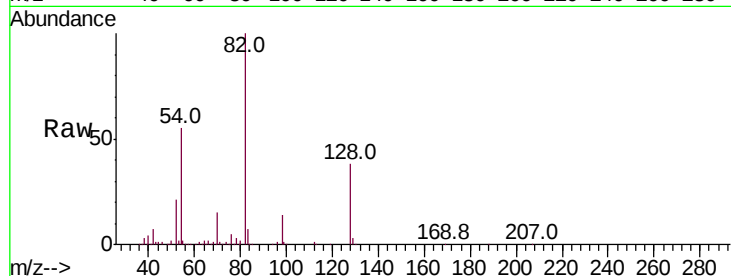




#23
 Nitrobenzene-d5
 Concen: 84.407 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040851.D
 Acq: 10 May 2019 14:42

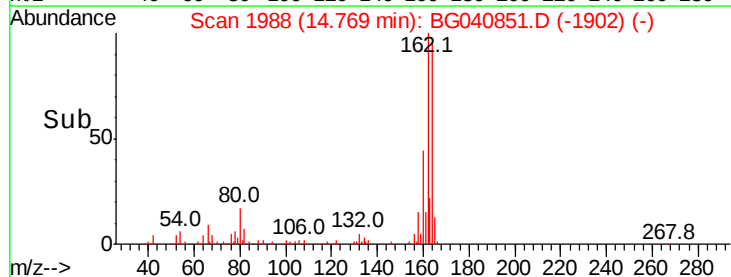
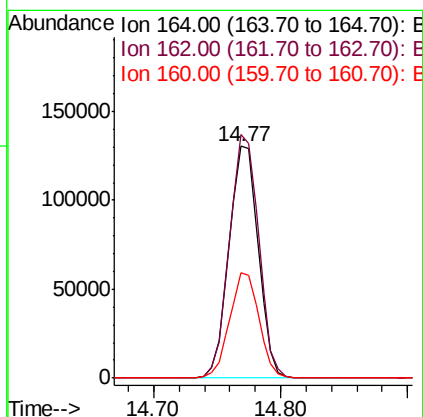
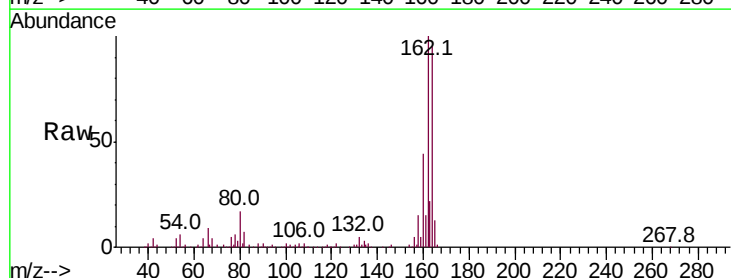
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS009-0612-01

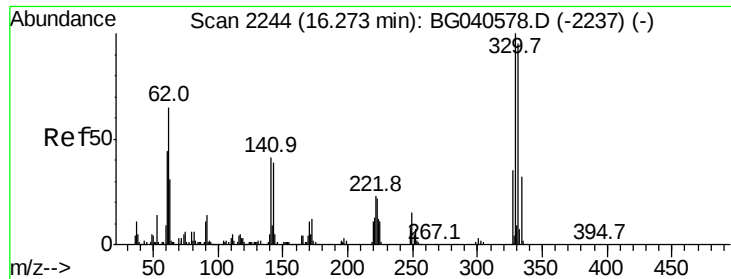
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.1	28.9	43.3
54	55.5	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040851.D
 Acq: 10 May 2019 14:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.9	122.9
160	45.8	35.4	53.2

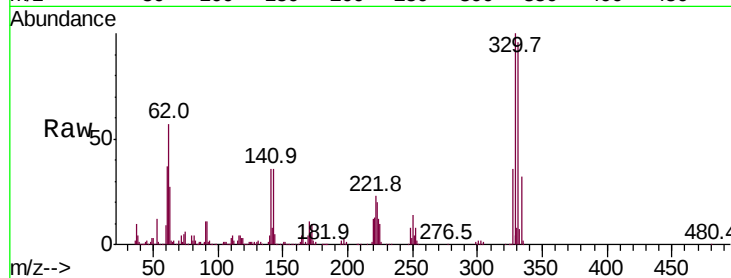




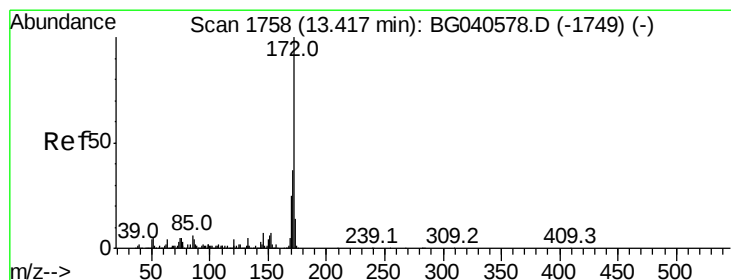
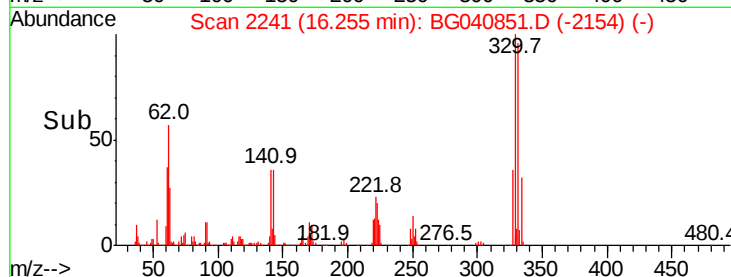
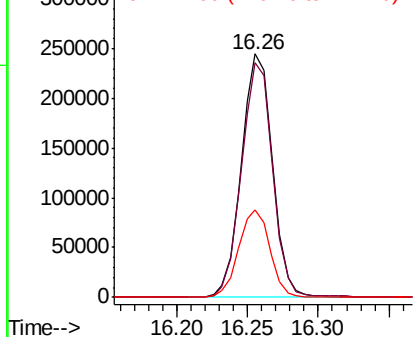
#42
 2,4,6-Tribromophenol
 Concen: 132.498 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040851.D
 Acq: 10 May 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS009-0612-01

Tot Ion:330 Resp: 377756
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.9 113.9
 141 36.1 32.4 48.6

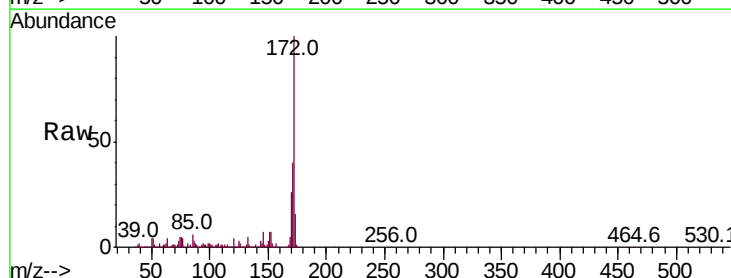


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

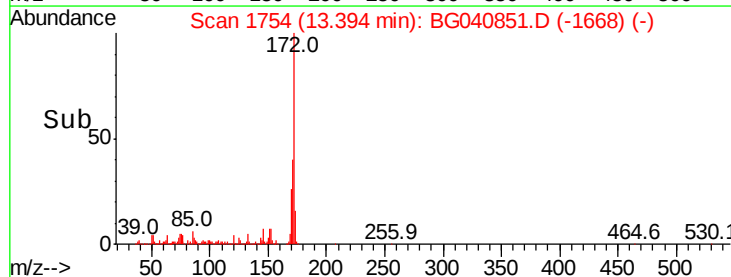
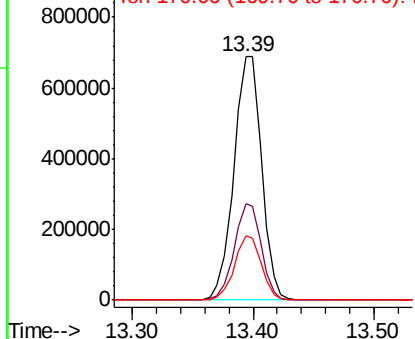


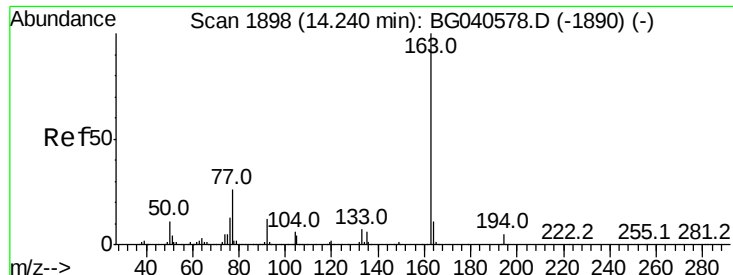
#45
 2-Fluorobiphenyl
 Concen: 76.866 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040851.D
 Acq: 10 May 2019 14:42

Tgt Ion:172 Resp: 1103975
 Ion Ratio Lower Upper
 172 100
 171 39.5 29.4 44.2
 170 26.2 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: 9.746 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040851.D

Acq: 10 May 2019 14:42

Instrument :

BNA_G

ClientSampleId :

P021-SS009-0612-01

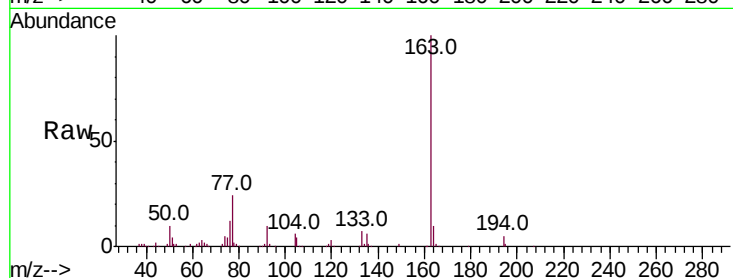
Tot Ion:163 Resp: 169134

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.8

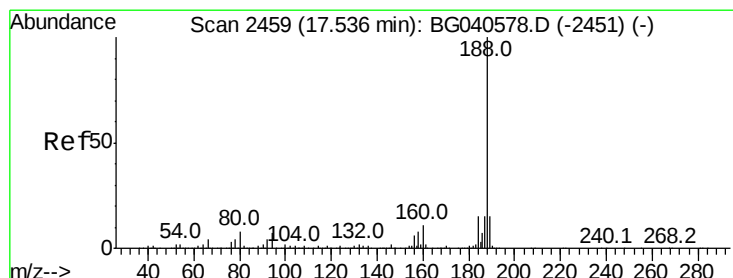
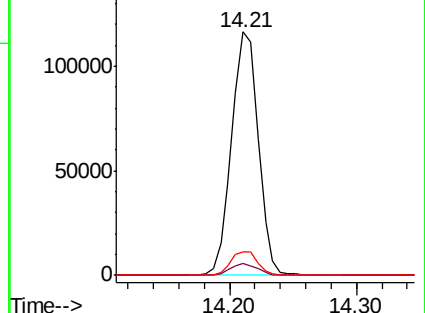
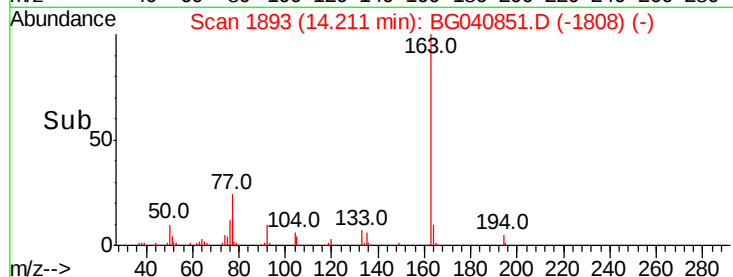
164 9.7 8.8 13.2



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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040851.D

Acq: 10 May 2019 14:42

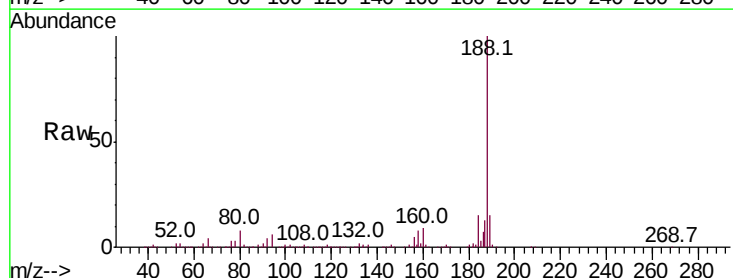
Tgt Ion:188 Resp: 498936

Ion Ratio Lower Upper

188 100

94 5.5 5.6 8.4#

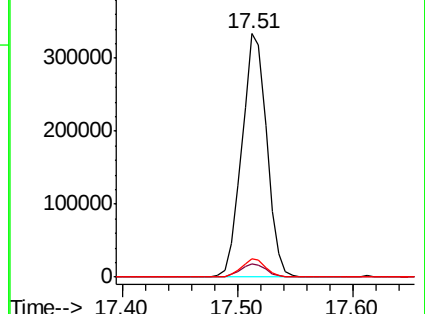
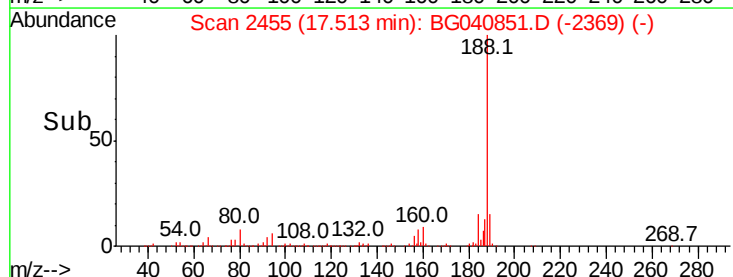
80 7.6 6.4 9.6

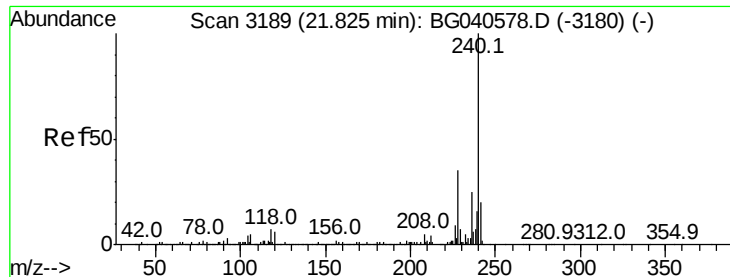


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

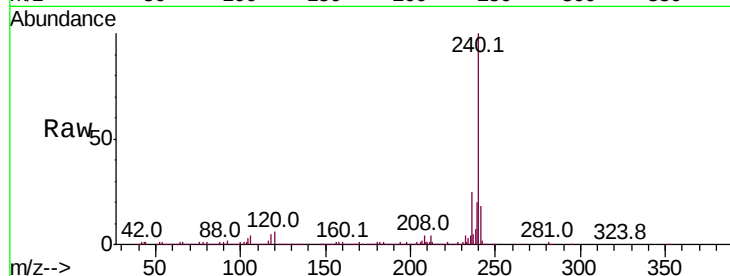




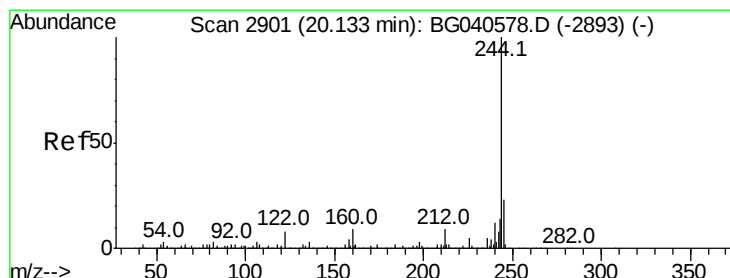
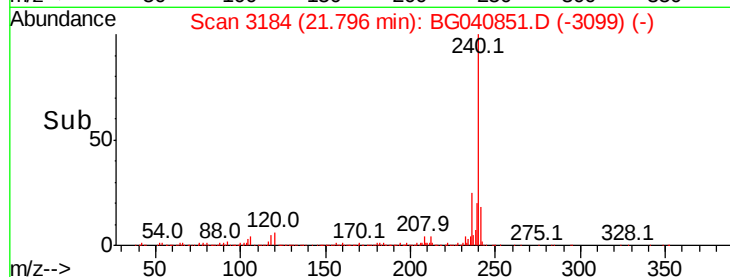
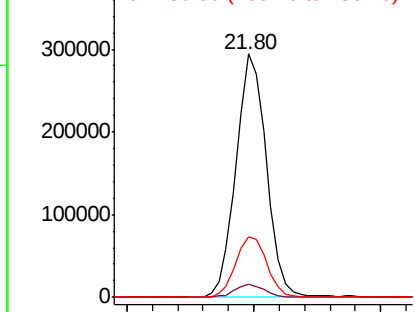
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. -0.03 min
 Lab File: BG040851.D
 Acq: 10 May 2019 14:42

Instrument :
 BNA_G
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 P021-SS009-0612-01

Tot Ion:240 Resp: 488285
 Ion Ratio Lower Upper
 240 100
 120 5.6 5.0 7.6
 236 25.1 20.3 30.5

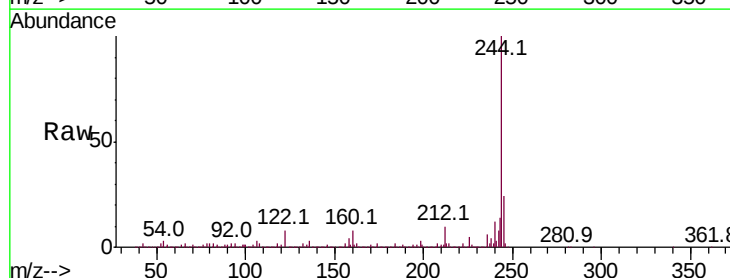


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

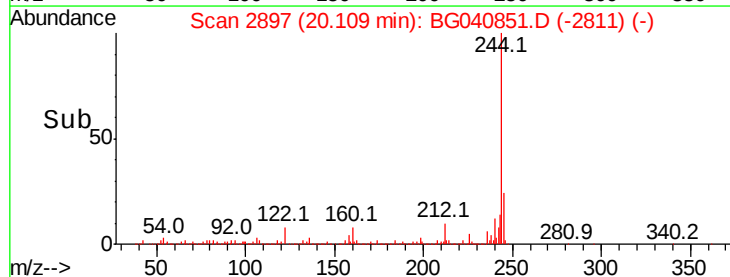
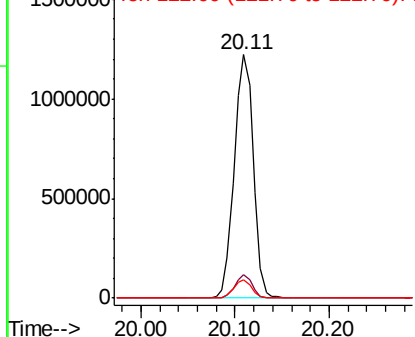


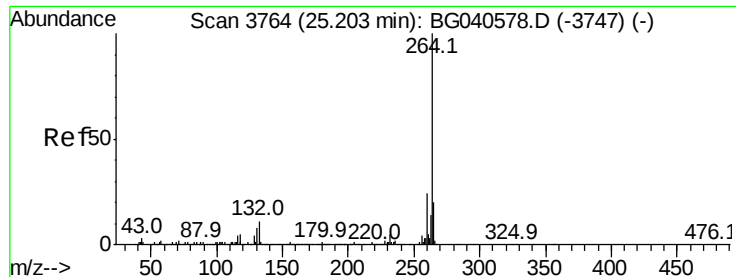
#79
 Terphenyl-d14
 Concen: 78.308 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040851.D
 Acq: 10 May 2019 14:42

Tgt Ion:244 Resp: 1725932
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.2 10.8
 122 7.5 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.16 min Scan# 3756
 Delta R.T. -0.05 min
 Lab File: BG040851.D
 Acq: 10 May 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS009-0612-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	19.9	16.6	25.0

