

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040832.D
 Acq On : 10 May 2019 1:27
 Operator : HP/JU
 Sample : K2764-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS008-0206-02

Quant Time: May 10 07:00:26 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

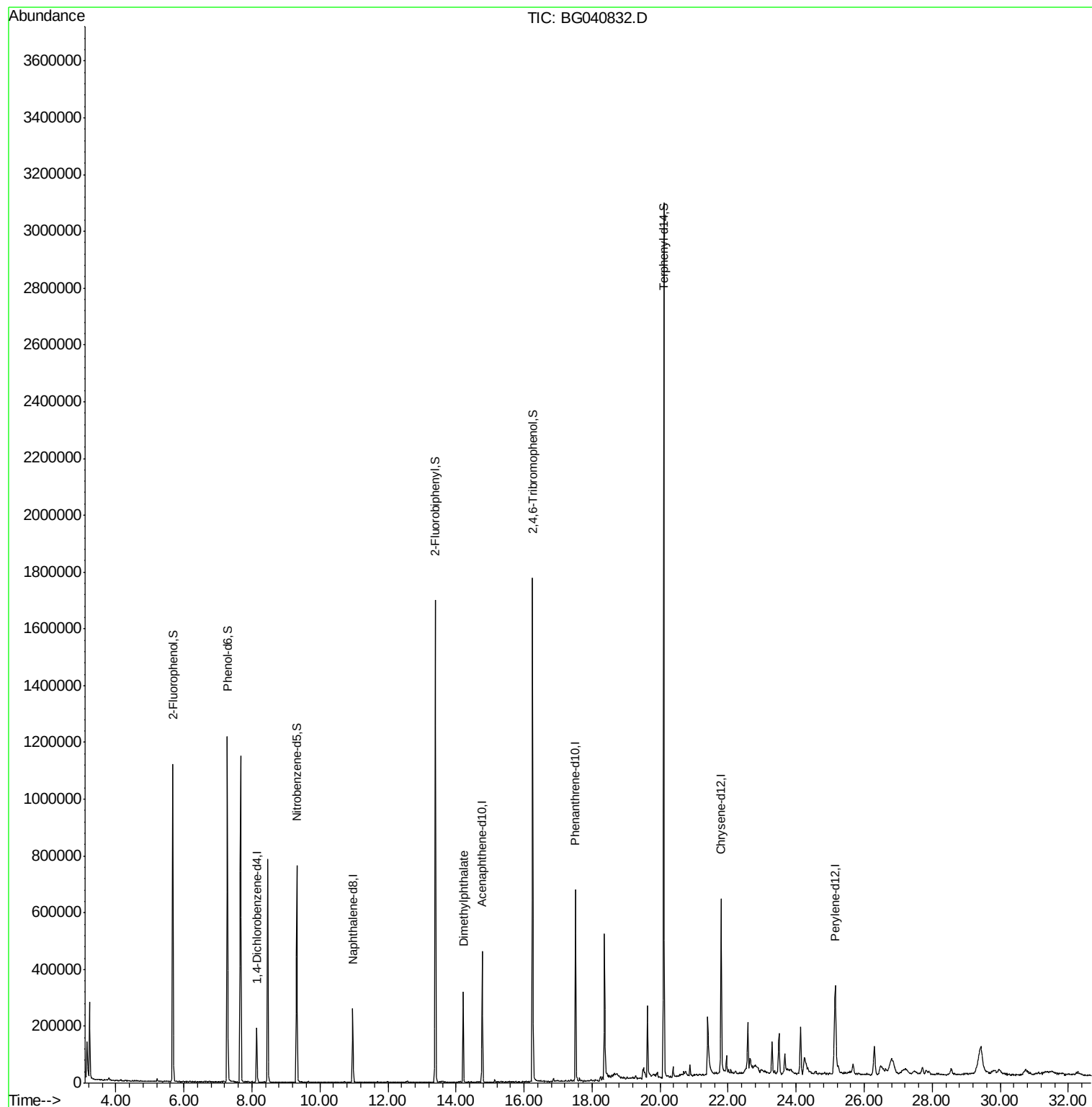
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	47723	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	203399	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	157145	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	401676	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	380329	20.00	ng	-0.03
87) Perylene-d12	25.15	264	388042	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	415611	153.52	ng	0.00
7) Phenol-d6	7.28	99	633726	152.03	ng	-0.02
23) Nitrobenzene-d5	9.32	82	441784	100.36	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	334601	154.91	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	843642	77.53	ng	-0.02
79) Terphenyl-d14	20.11	244	1436116	83.65	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.21	163	188252	14.318	ng	Qvalue # 95

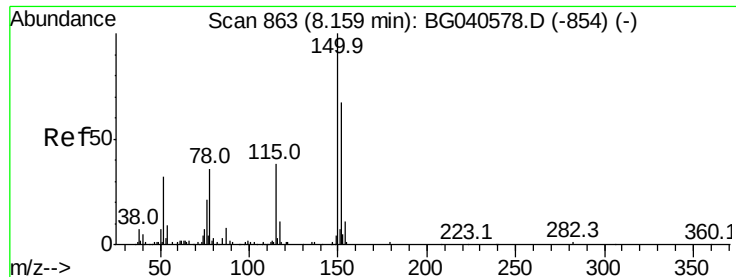
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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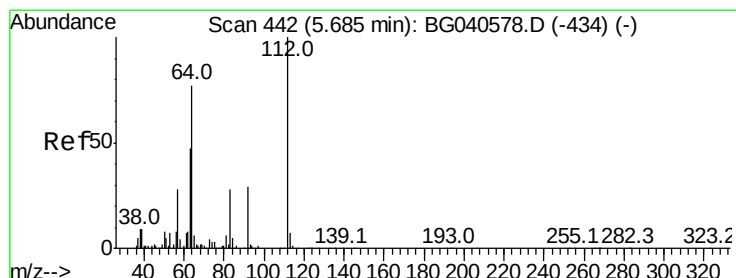
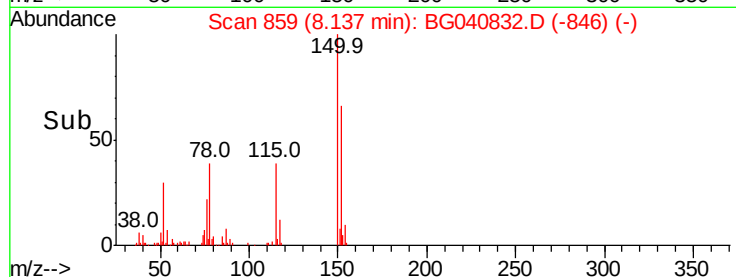
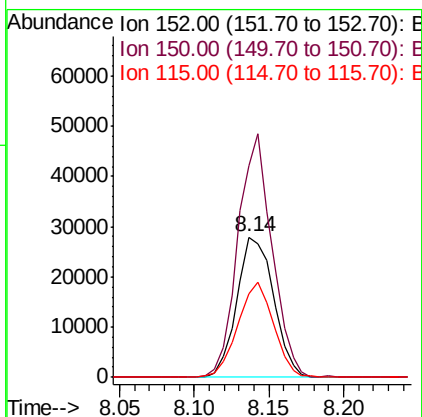
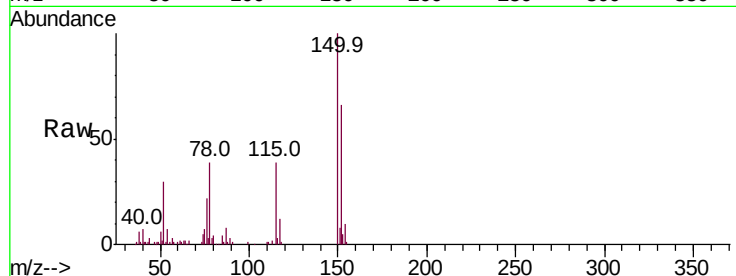


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Instrument :
BNA_G
ClientSampleId :
P021-SS008-0206-02

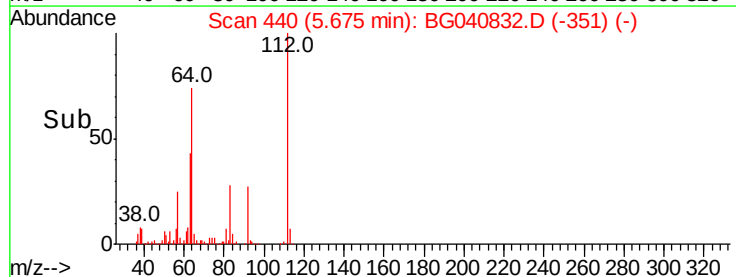
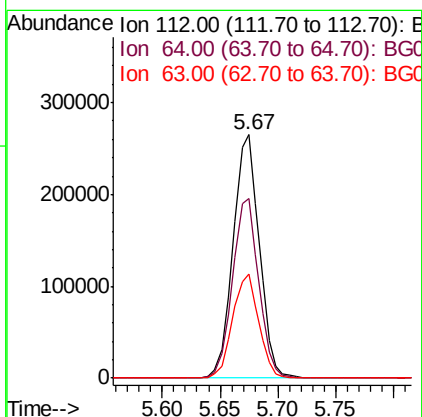
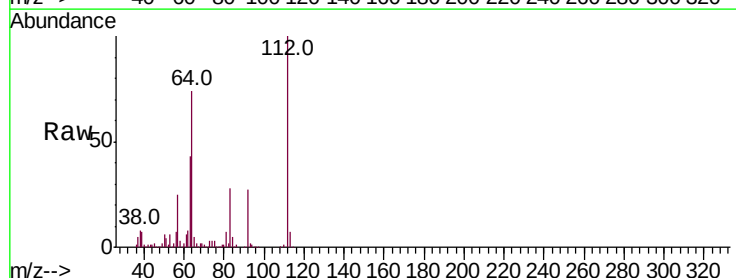
Tot Ion:152 Resp: 47723
Ion Ratio Lower Upper
152 100
150 150.7 120.2 180.2
115 59.3 46.2 69.2

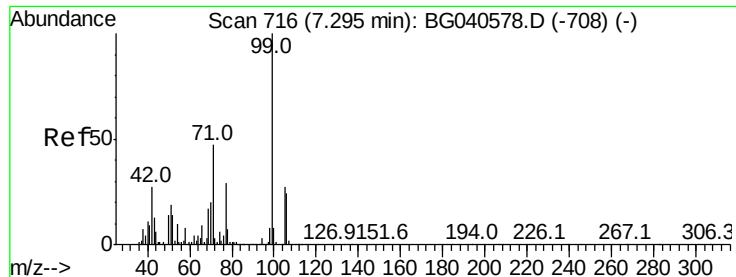


#5

2-Fluorophenol
Concen: 153.516 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Tgt Ion:112 Resp: 415611
Ion Ratio Lower Upper
112 100
64 73.6 61.4 92.0
63 42.8 37.8 56.6





#7

Phenol-d6

Concen: 152.029 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040832.D

Acq: 10 May 2019 1:27

Instrument :

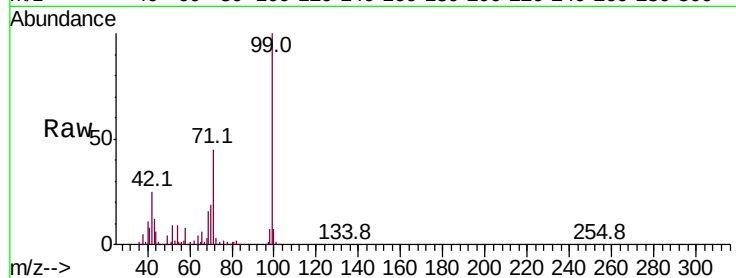
BNA_G

ClientSampleId :

P021-SS008-0206-02

Tot Ion: 99 Resp: 633726

Ion	Ratio	Lower	Upper
99	100		
42	25.1	21.8	32.8
71	45.4	38.6	57.8

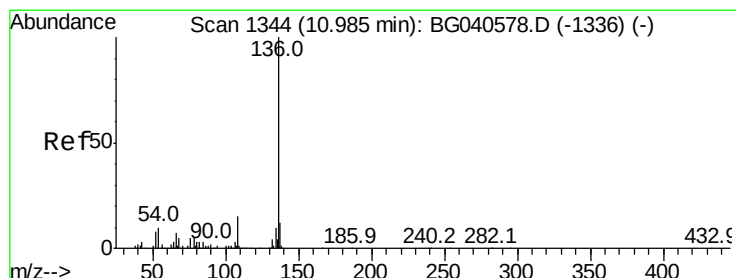
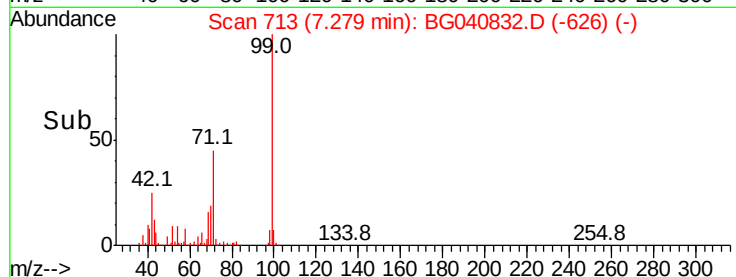
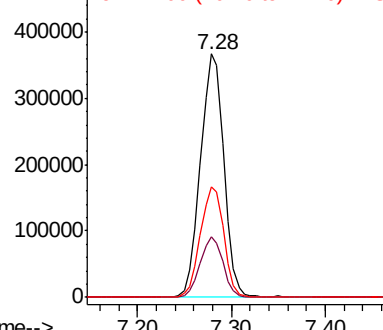


Abundance

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: 10.96 min Scan# 1340

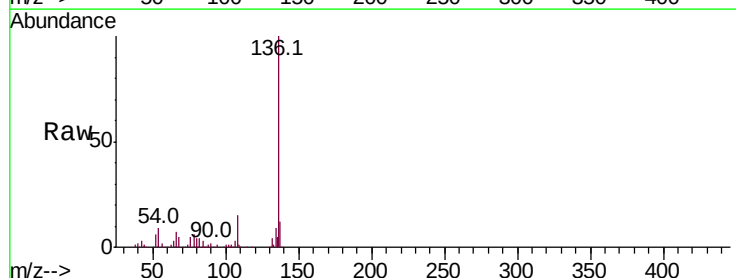
Delta R.T. -0.02 min

Lab File: BG040832.D

Acq: 10 May 2019 1:27

Tgt Ion: 136 Resp: 203399

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	9.1	8.6	12.8
68	4.9	4.8	7.2



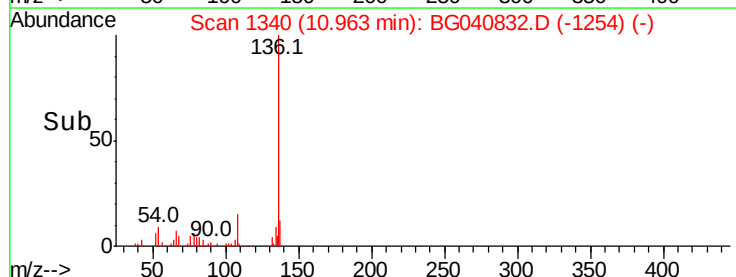
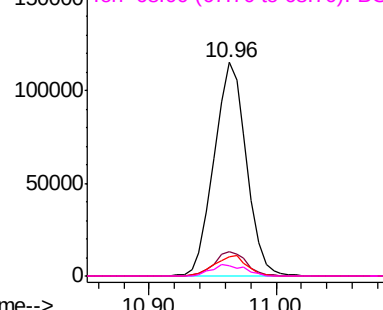
Abundance

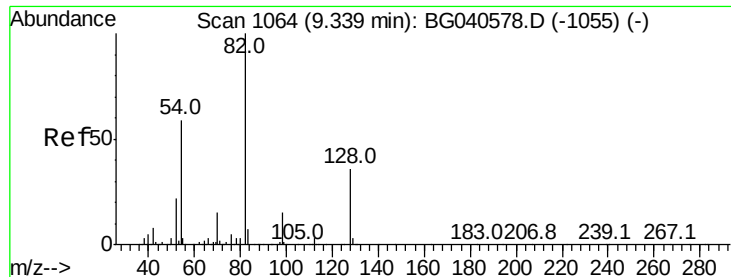
Ion 136.00 (135.70 to 136.70): BGC

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

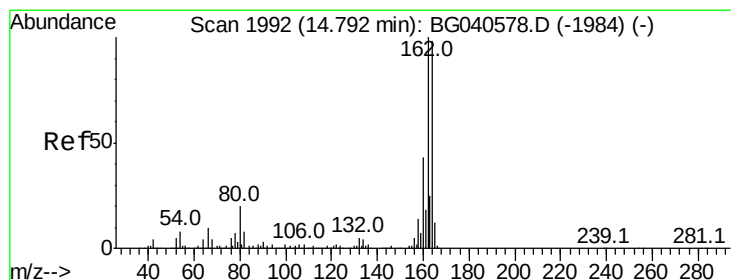
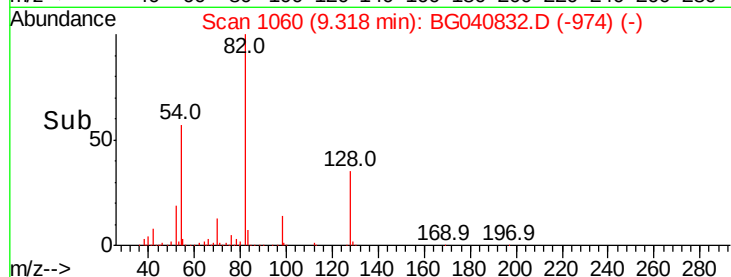
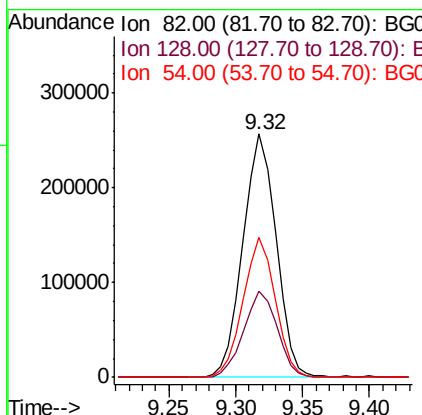
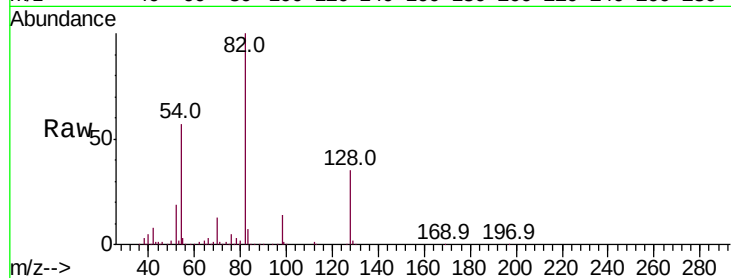




#23
 Nitrobenzene-d5
 Concen: 100.360 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BG040832.D
 Acq: 10 May 2019 1:27

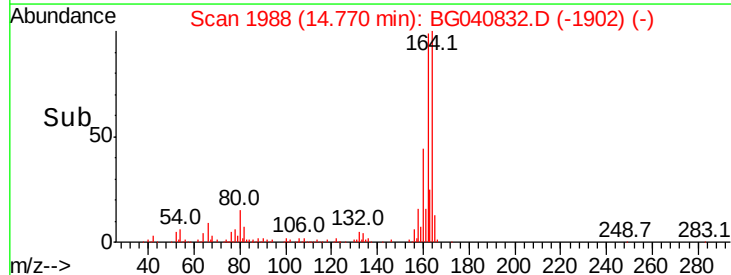
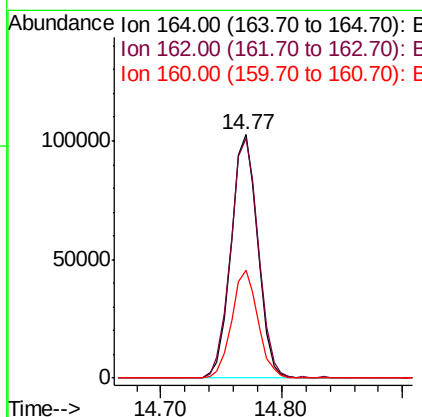
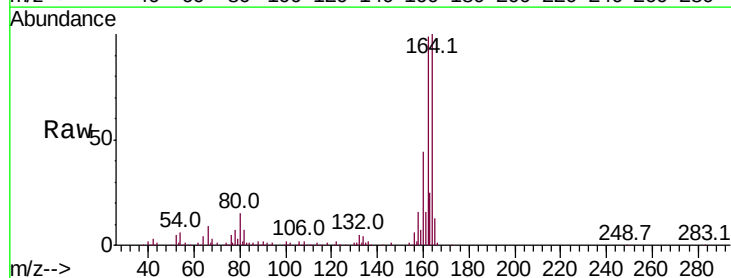
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS008-0206-02

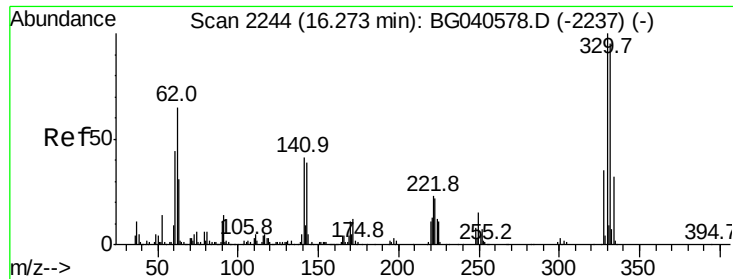
Tot Ion	82	Resp	441784
Ion Ratio	100	Lower	Upper
128	35.4	28.9	43.3
54	57.4	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040832.D
 Acq: 10 May 2019 1:27

Tgt Ion	164	Resp	157145
Ion Ratio	100	Lower	Upper
162	98.7	81.9	122.9
160	44.1	35.4	53.2

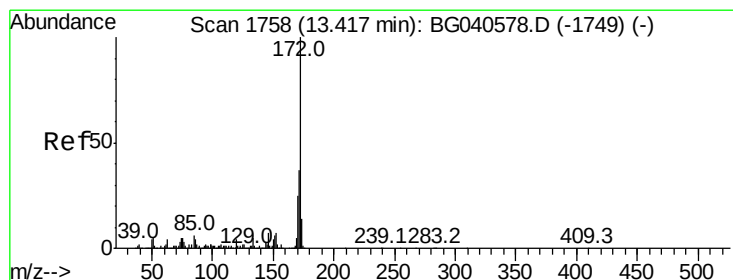
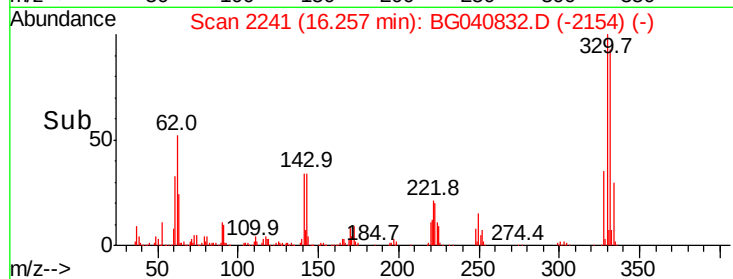
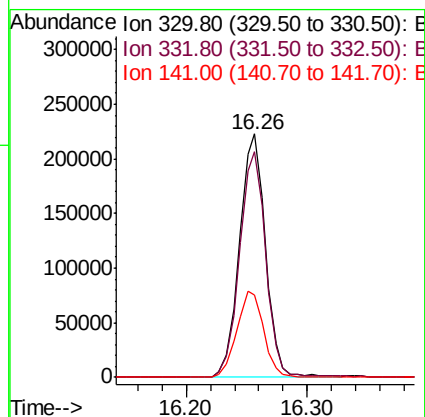
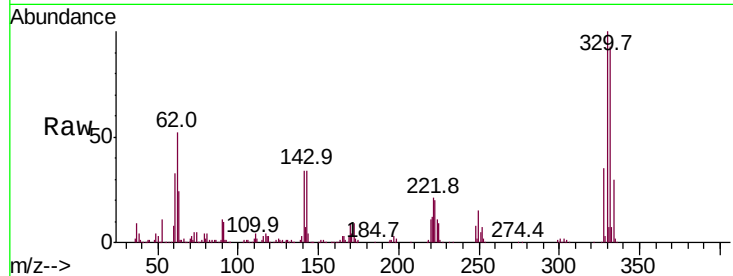




#42
 2,4,6-Tribromophenol
 Concen: 154.908 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040832.D
 Acq: 10 May 2019 1:27

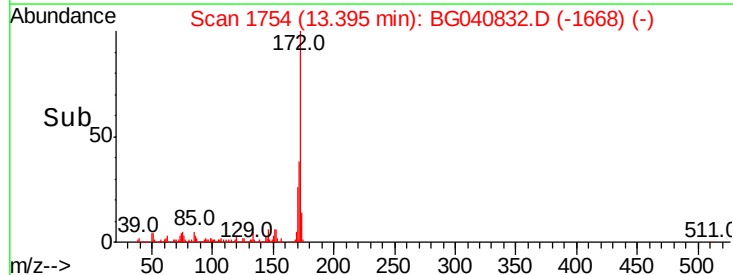
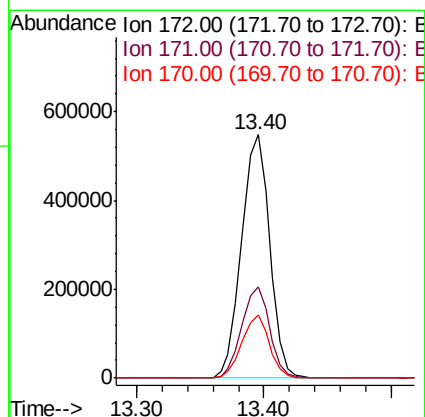
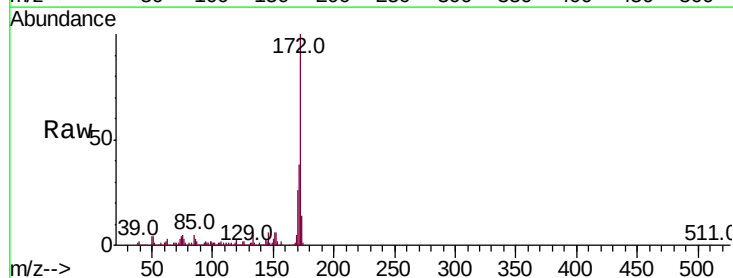
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS008-0206-02

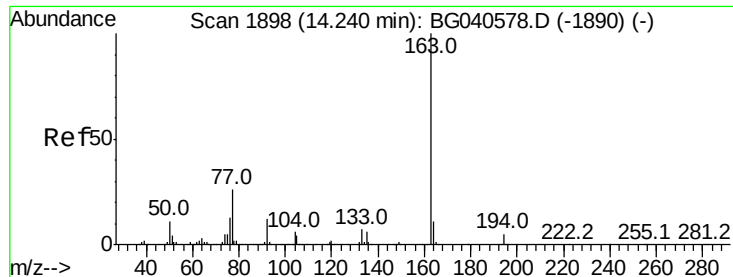
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	75.9	113.9
141	36.4	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 77.533 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040832.D
 Acq: 10 May 2019 1:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.4	44.2
170	25.7	19.9	29.9

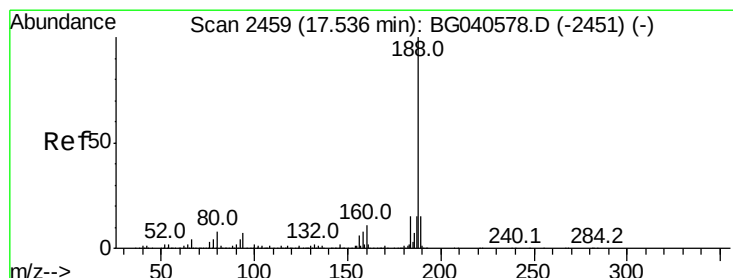
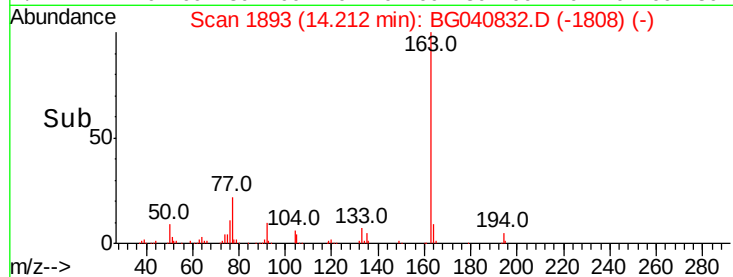
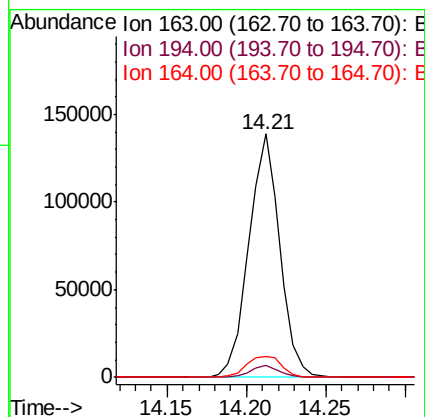
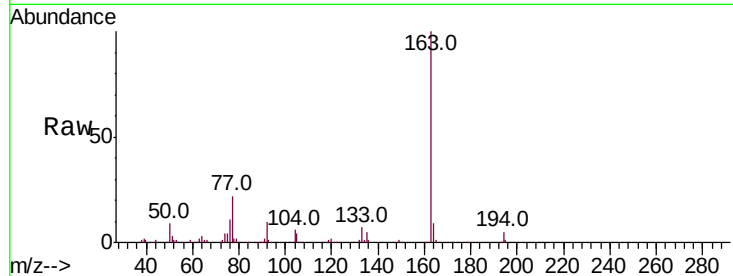




#50
Dimethylphthalate
Concen: 14.318 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

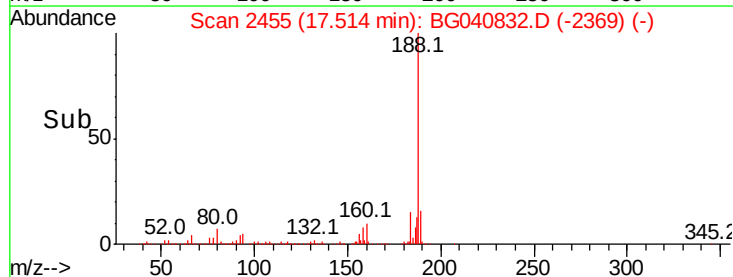
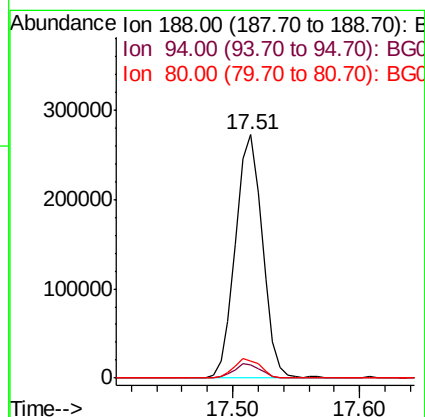
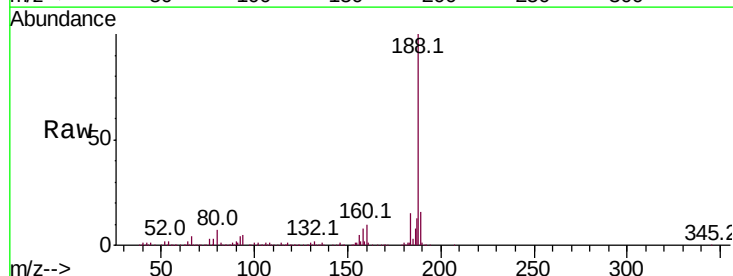
Instrument :
BNA_G
ClientSampleId :
P021-SS008-0206-02

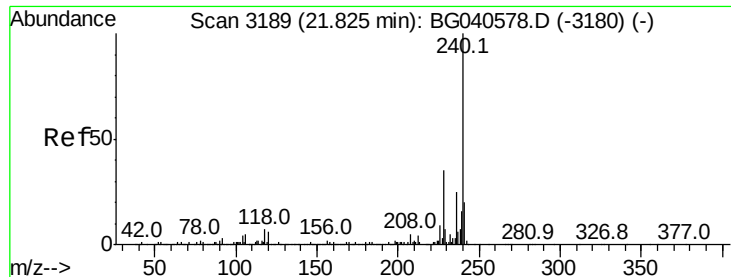
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	8.5	8.8	13.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.6	8.4#
80	7.0	6.4	9.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.03 min

Lab File: BG040832.D

Acq: 10 May 2019 1:27

Instrument :

BNA_G

ClientSampleId :

P021-SS008-0206-02

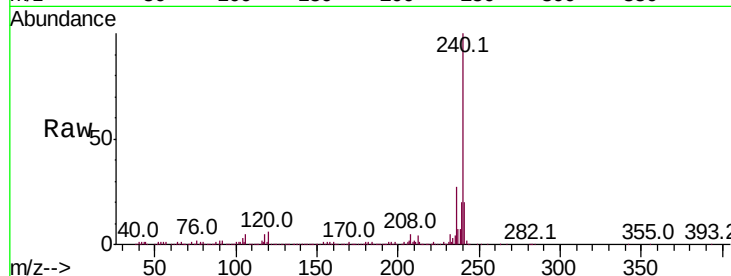
Tot Ion:240 Resp: 380329

Ion Ratio Lower Upper

240 100

120 6.1 5.0 7.6

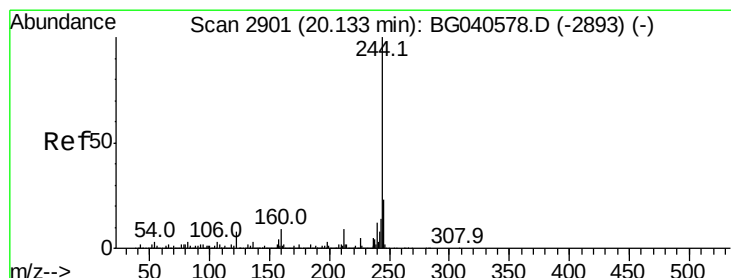
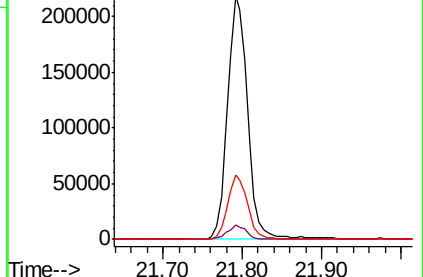
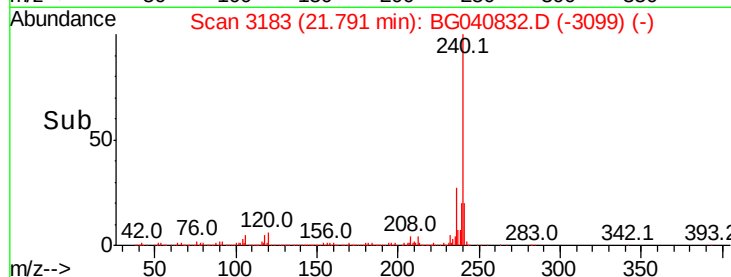
236 26.6 20.3 30.5



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: 83.654 ng

RT: 20.11 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040832.D

Acq: 10 May 2019 1:27

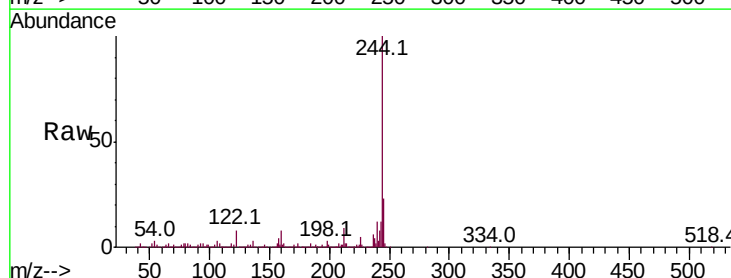
Tgt Ion:244 Resp: 1436116

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

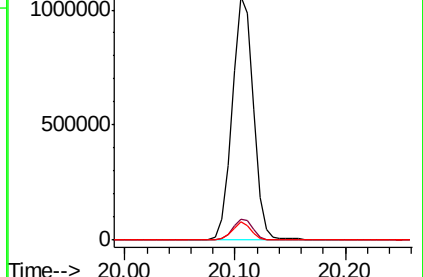
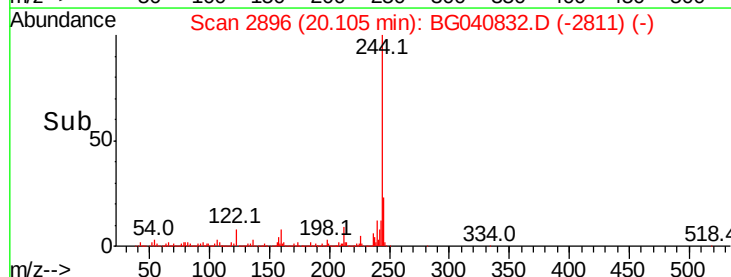
122 7.7 6.6 10.0

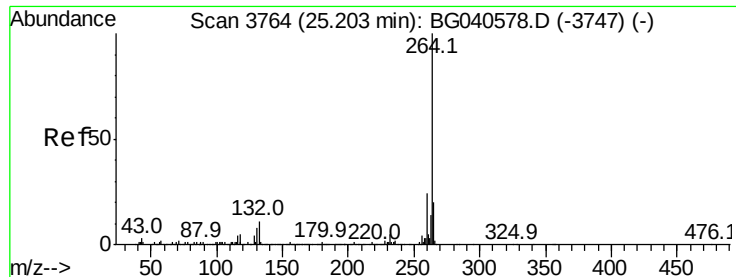


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

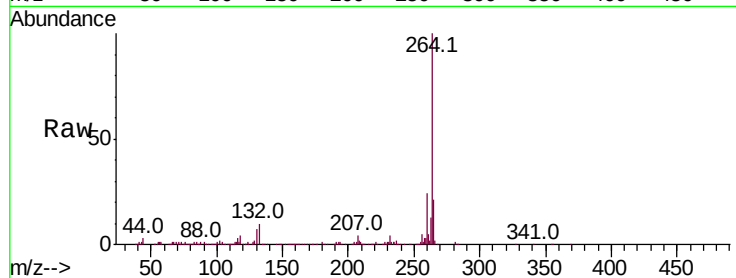




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.15 min Scan# 3755
 Delta R.T. -0.05 min
 Lab File: BG040832.D
 Acq: 10 May 2019 1:27

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS008-0206-02

Tot Ion:	264	Resp:	388042
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	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

