

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
 Data File : BG040783.D
 Acq On : 8 May 2019 1:30
 Operator : HP/JU
 Sample : PB119477TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119477TB

Quant Time: May 08 09:15:34 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	46432	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	185371	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	139457	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	384558	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	383796	20.00	ng	-0.03
87) Perylene-d12	25.16	264	318605	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	432494	164.19	ng	-0.01
7) Phenol-d6	7.28	99	627753	154.78	ng	-0.01
23) Nitrobenzene-d5	9.32	82	432315	107.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	288600	150.56	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	970115	100.46	ng	-0.02
79) Terphenyl-d14	20.11	244	1908947	110.19	ng	-0.02

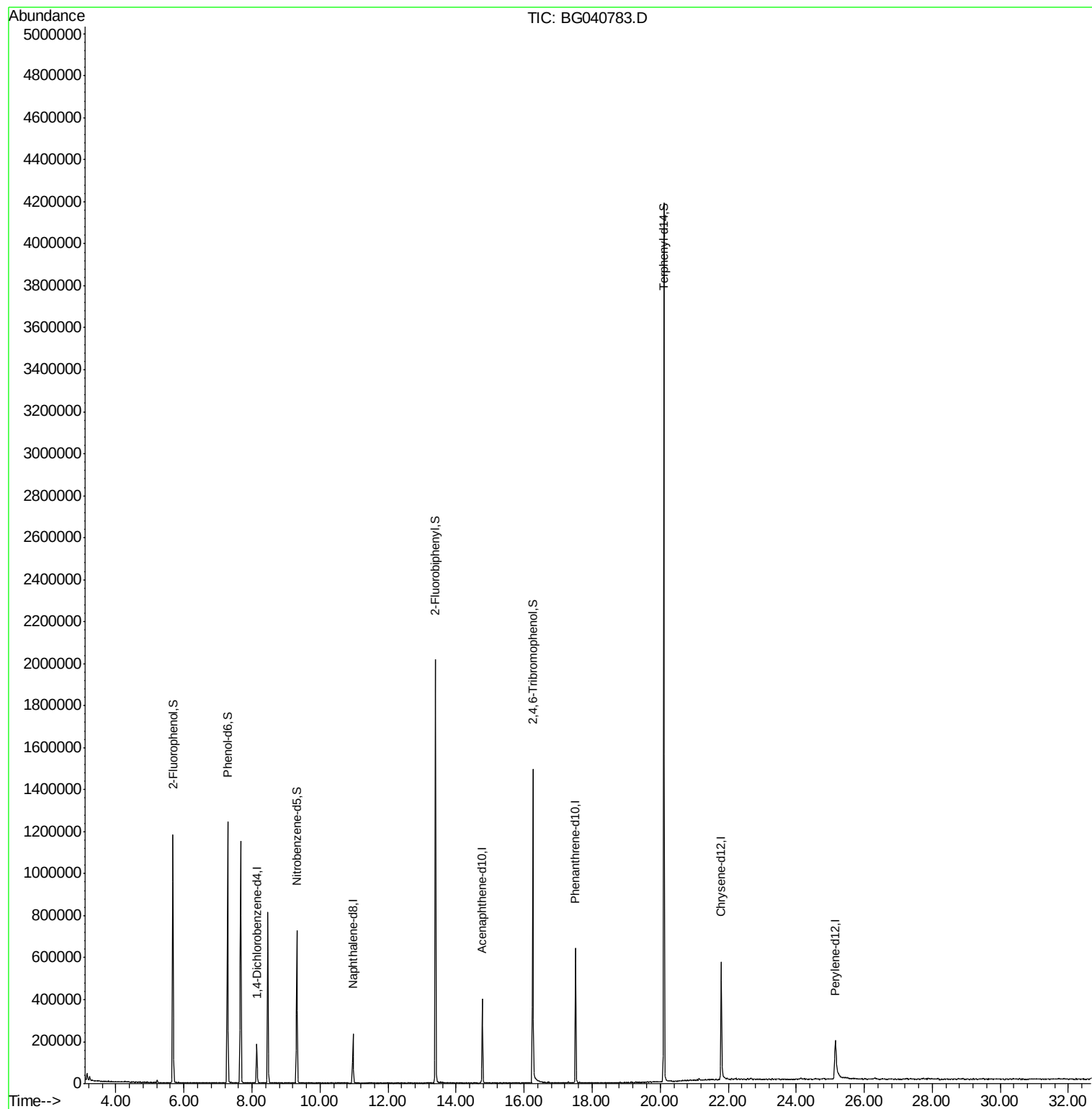
Target Compounds Qvalue

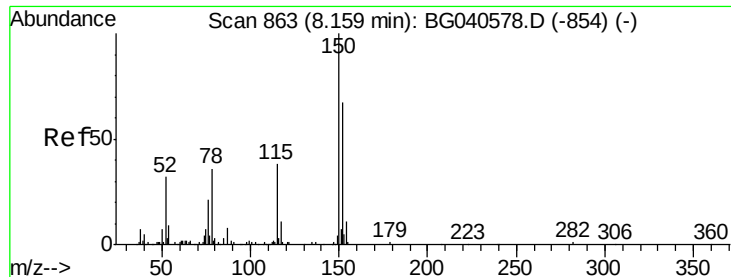
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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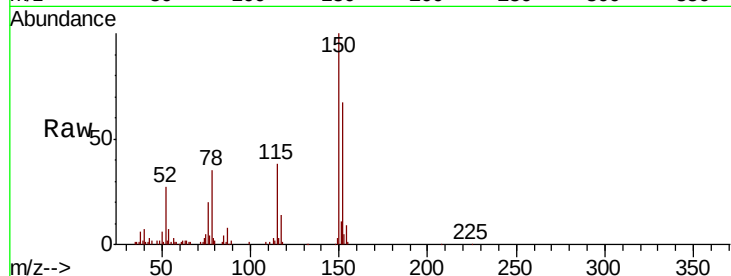


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Instrument :
BNA_G
ClientSampleId :
PB119477TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	120.2	180.2
115	56.6	46.2	69.2

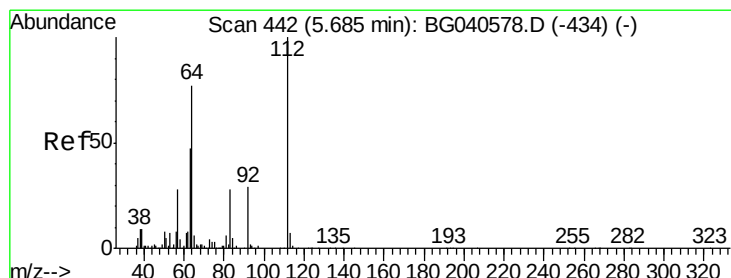
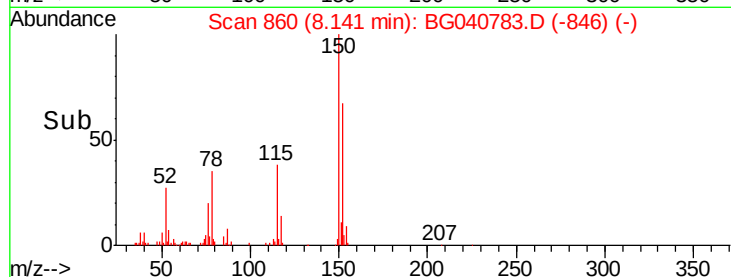
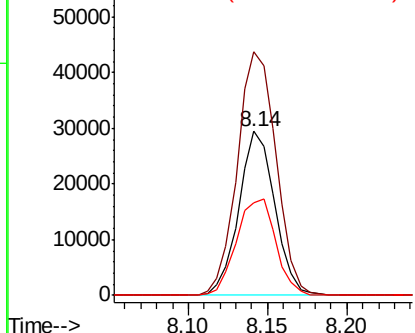


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

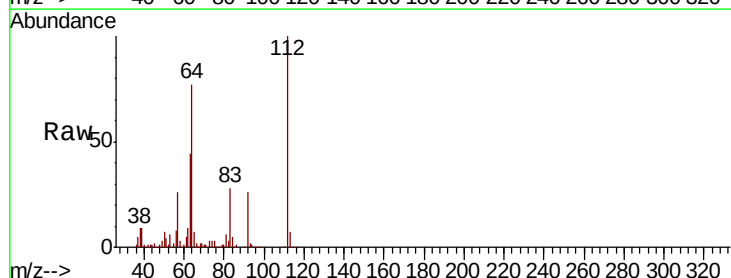
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 164.194 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.2	61.4	92.0
63	43.6	37.8	56.6

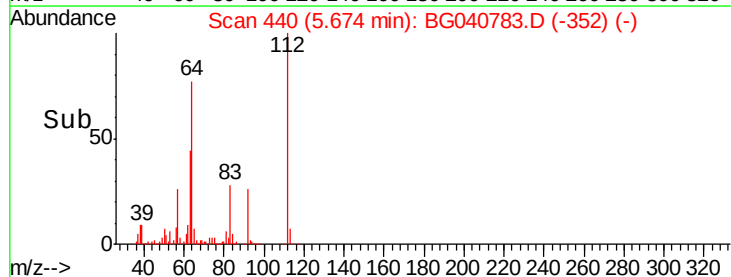
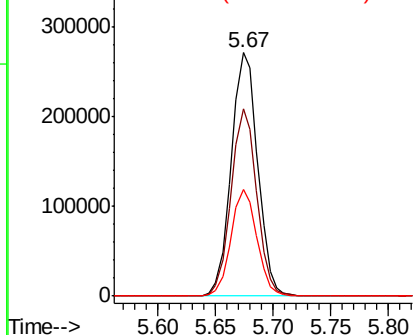


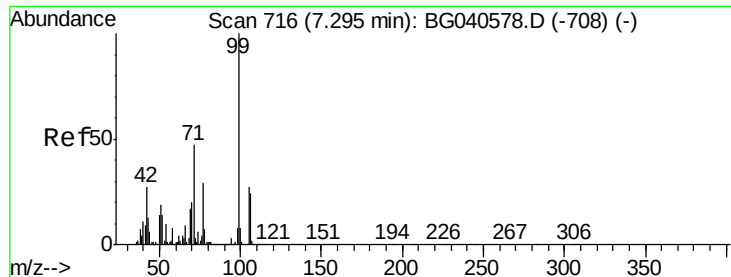
Abundance

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: 154.784 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040783.D

Acq: 8 May 2019 1:30

Instrument :

BNA_G

ClientSampleId :

PB119477TB

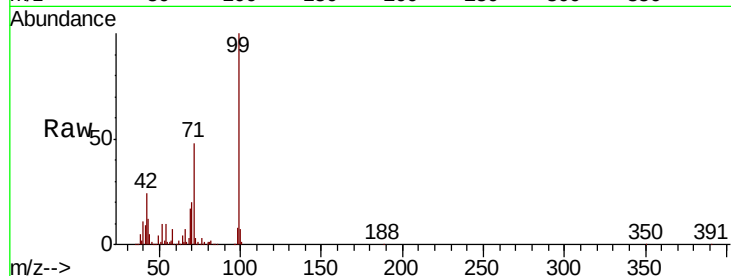
Tot Ion: 99 Resp: 627753

Ion Ratio Lower Upper

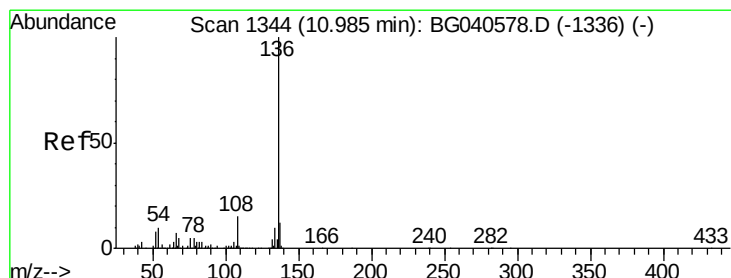
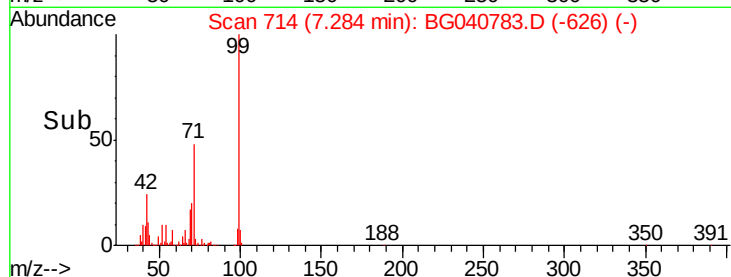
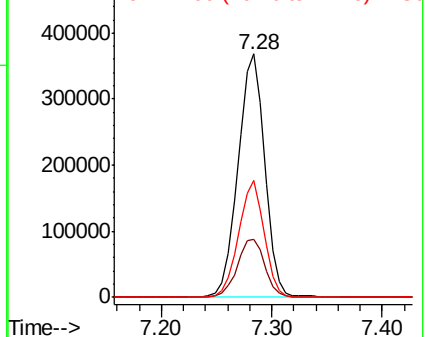
99 100

42 24.1 21.8 32.8

71 48.1 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: BG040783.D

Acq: 8 May 2019 1:30

Tgt Ion: 136 Resp: 185371

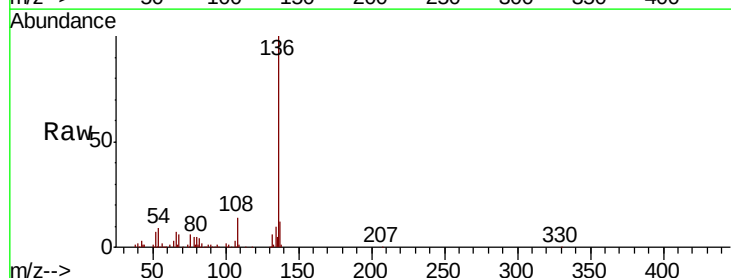
Ion Ratio Lower Upper

136 100

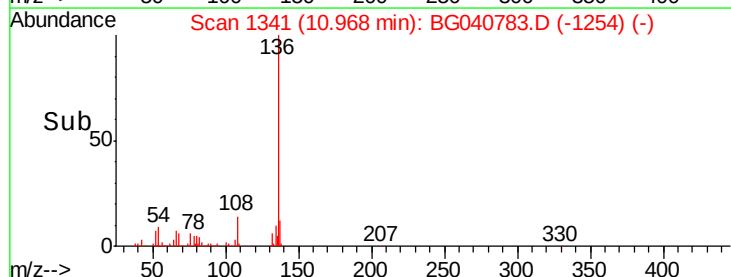
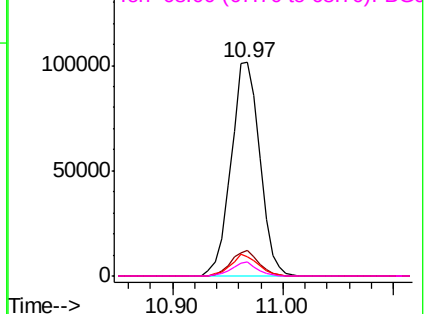
137 12.2 9.7 14.5

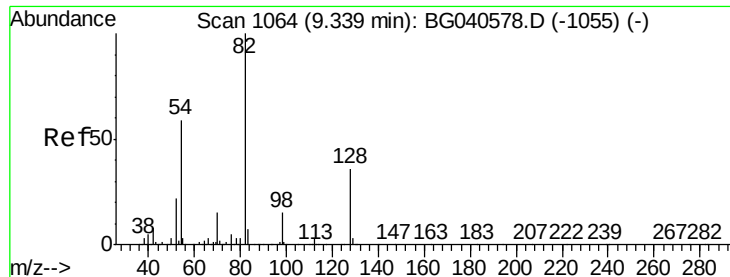
54 9.2 8.6 12.8

68 6.4 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

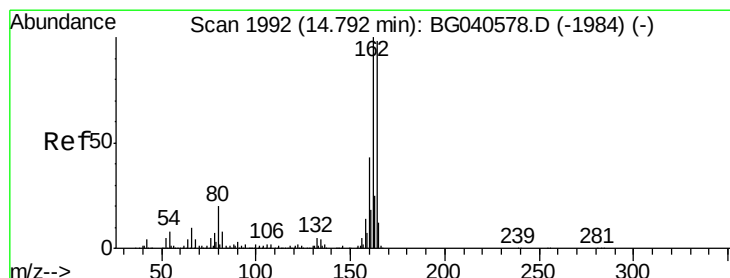
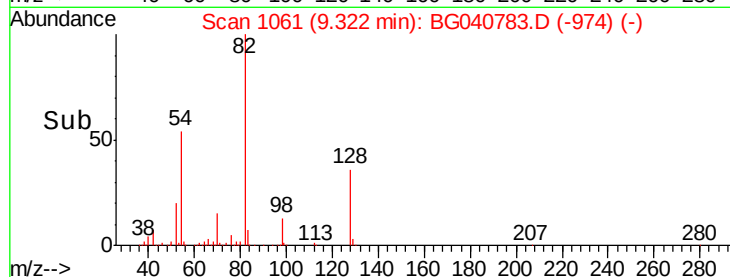
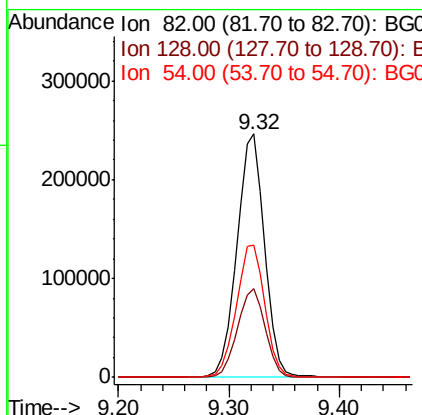
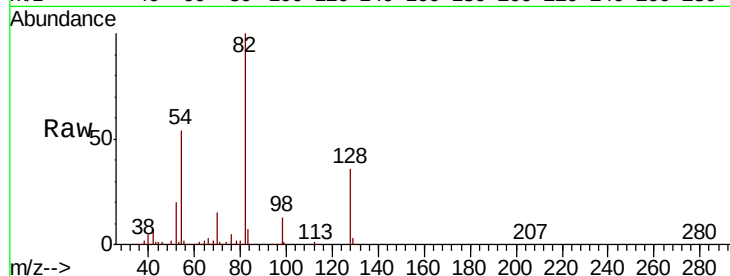




#23
Nitrobenzene-d5
Concen: 107.760 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

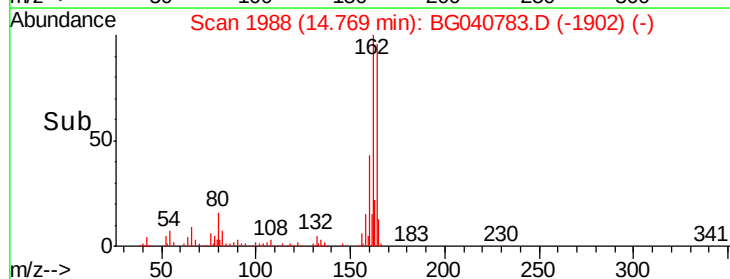
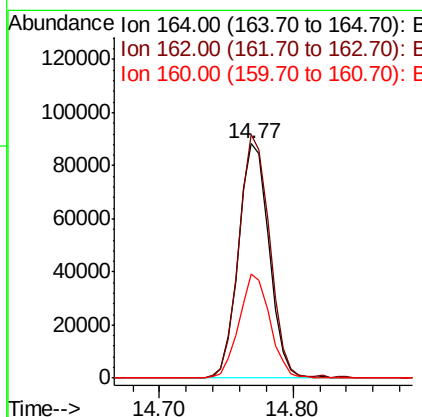
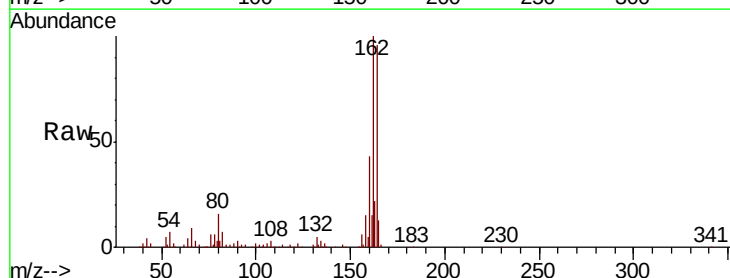
Instrument :
BNA_G
ClientSampleId :
PB119477TB

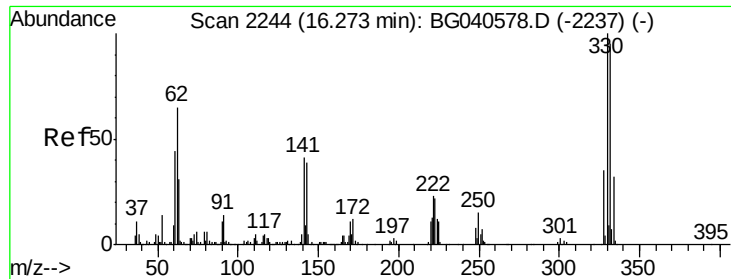
Tot Ion	82	Resp	432315
Ion Ratio	Lower	Upper	
82	100		
128	36.2	28.9	43.3
54	54.2	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Tgt Ion	164	Resp	139457
Ion Ratio	Lower	Upper	
164	100		
162	103.9	81.9	122.9
160	44.3	35.4	53.2

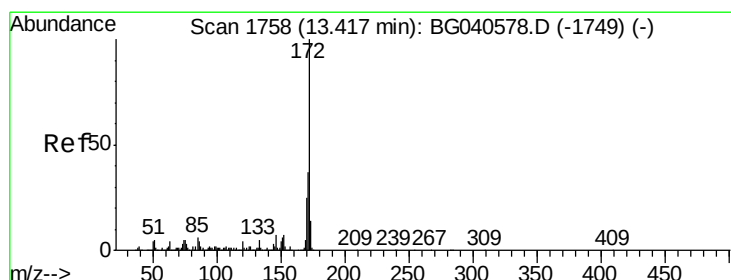
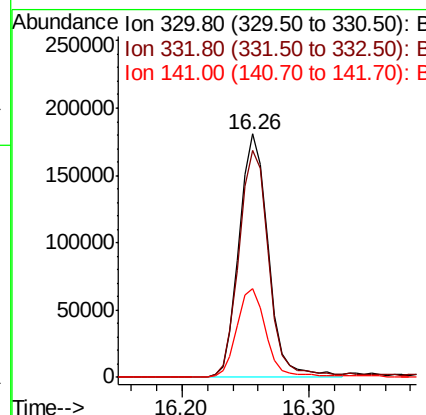
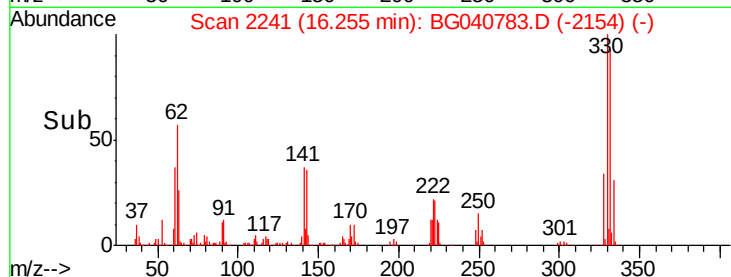
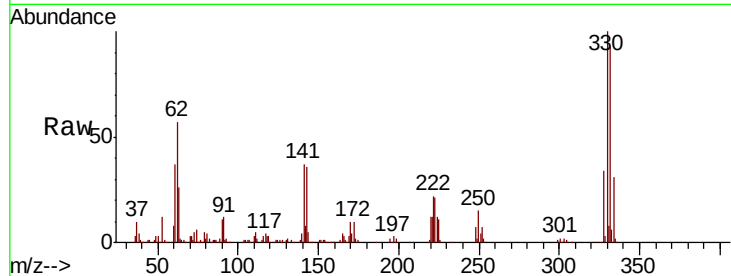




#42
 2,4,6-Tribromophenol
 Concen: 150.558 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040783.D
 Acq: 8 May 2019 1:30

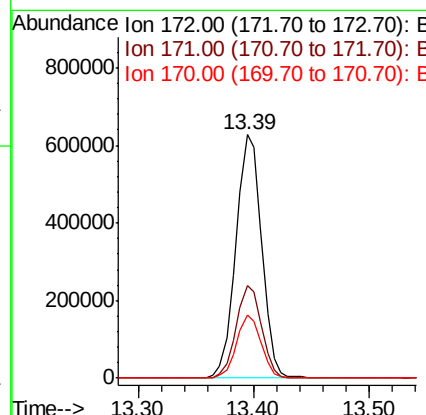
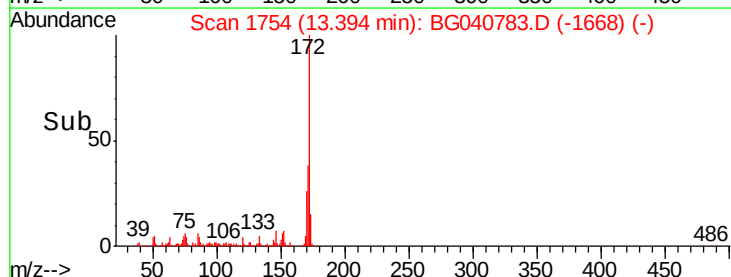
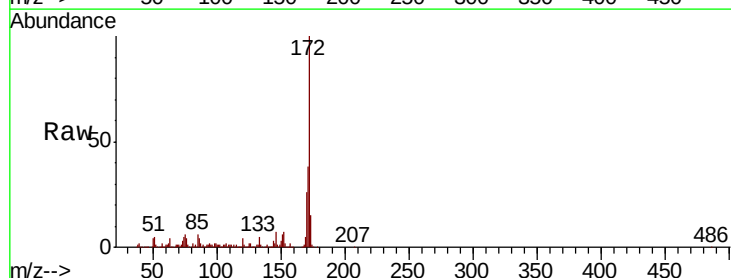
Instrument :
 BNA_G
 ClientSampleId :
 PB119477TB

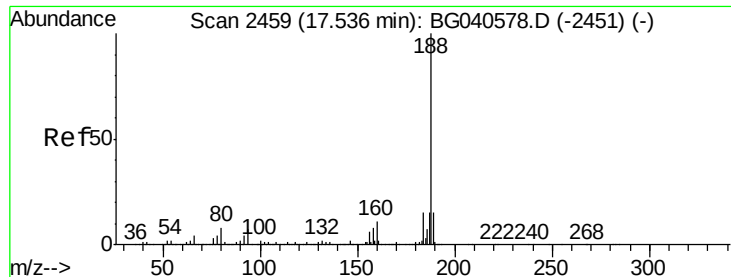
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.9	113.9
141	36.3	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 100.464 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040783.D
 Acq: 8 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.4	44.2
170	26.2	19.9	29.9

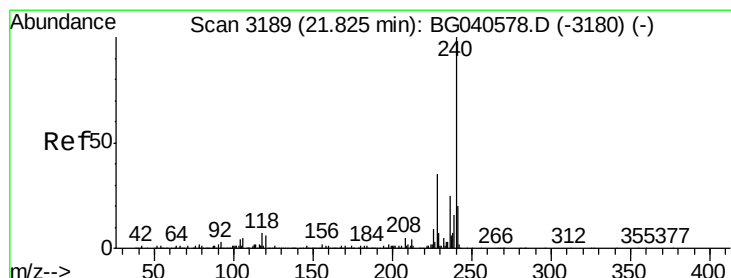
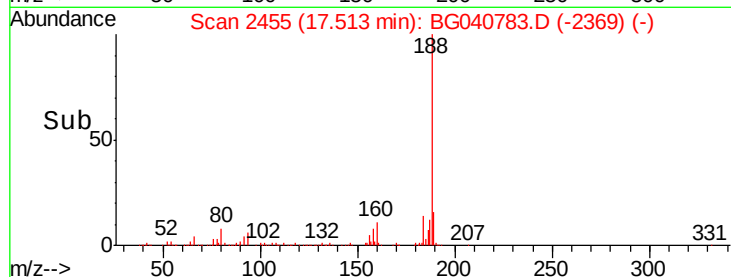
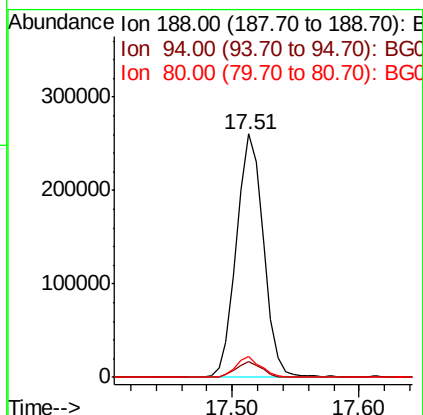
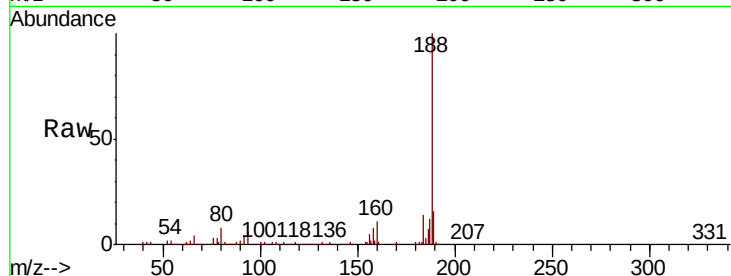




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

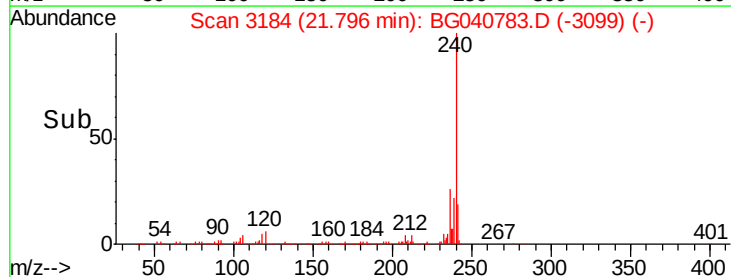
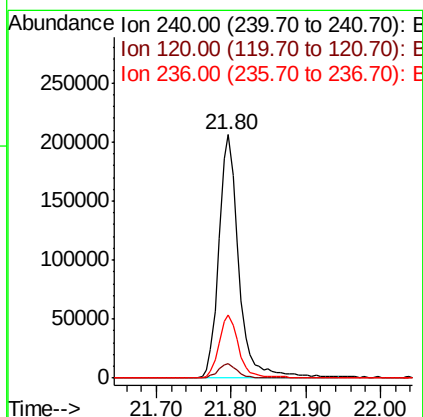
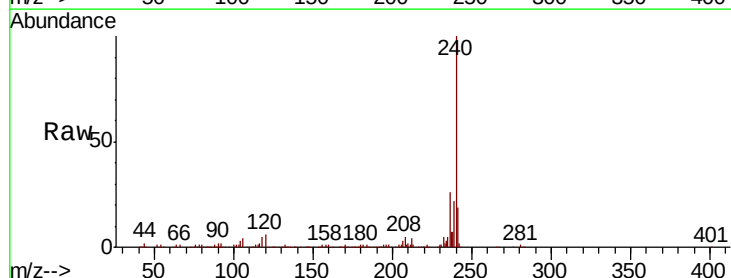
Instrument :
BNA_G
ClientSampleId :
PB119477TB

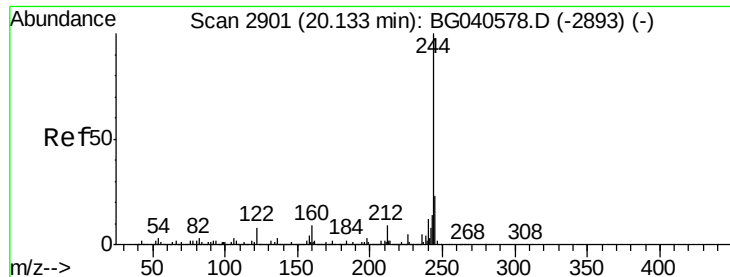
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.6	8.4
80	8.5	6.4	9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040783.D
Acq: 8 May 2019 1:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.0	7.6
236	26.0	20.3	30.5





#79

Terphenyl-d14

Concen: 110.192 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040783.D

Acq: 8 May 2019 1:30

Instrument :

BNA_G

ClientSampleId :

PB119477TB

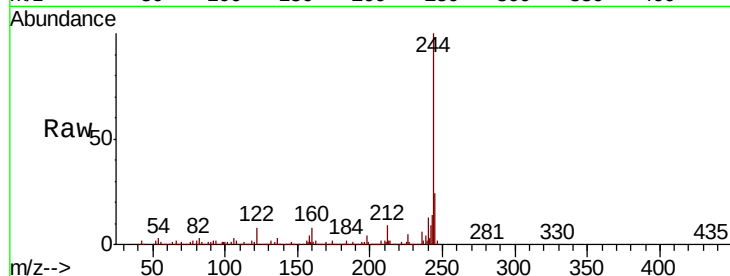
Tot Ion:244 Resp: 1908947

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

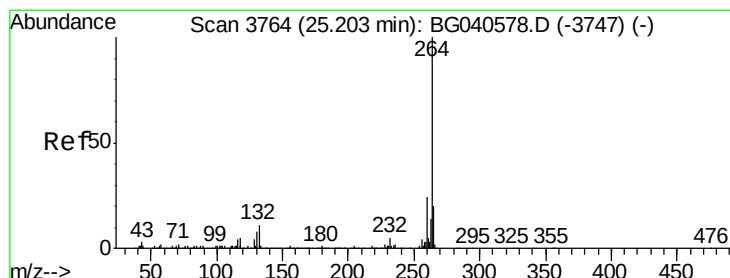
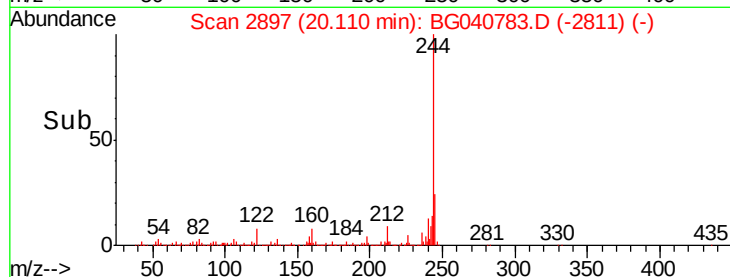
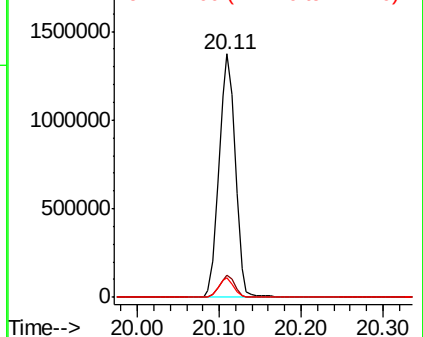
122 8.3 6.6 10.0



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: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040783.D

Acq: 8 May 2019 1:30

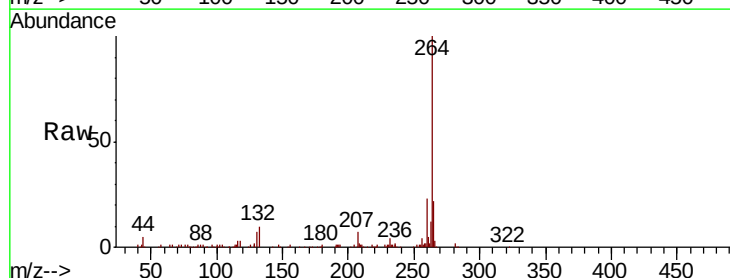
Tgt Ion:264 Resp: 318605

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.0 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

