

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043658.D
 Acq On : 15 Nov 2019 19:54
 Operator : JU
 Sample : PB124785BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124785BL

Quant Time: Nov 16 02:13:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	24953	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	87167	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	64263	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	196496	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	213632	20.00	ng	-0.02
87) Perylene-d12	24.83	264	79557	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	77584	56.97	ng	0.00
7) Phenol-d6	7.19	99	66489	33.94	ng	0.00
23) Nitrobenzene-d5	9.16	82	141656	83.78	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	108917	89.06	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	415500	89.34	ng	-0.02
79) Terphenyl-d14	19.99	244	1013598	89.01	ng	-0.01

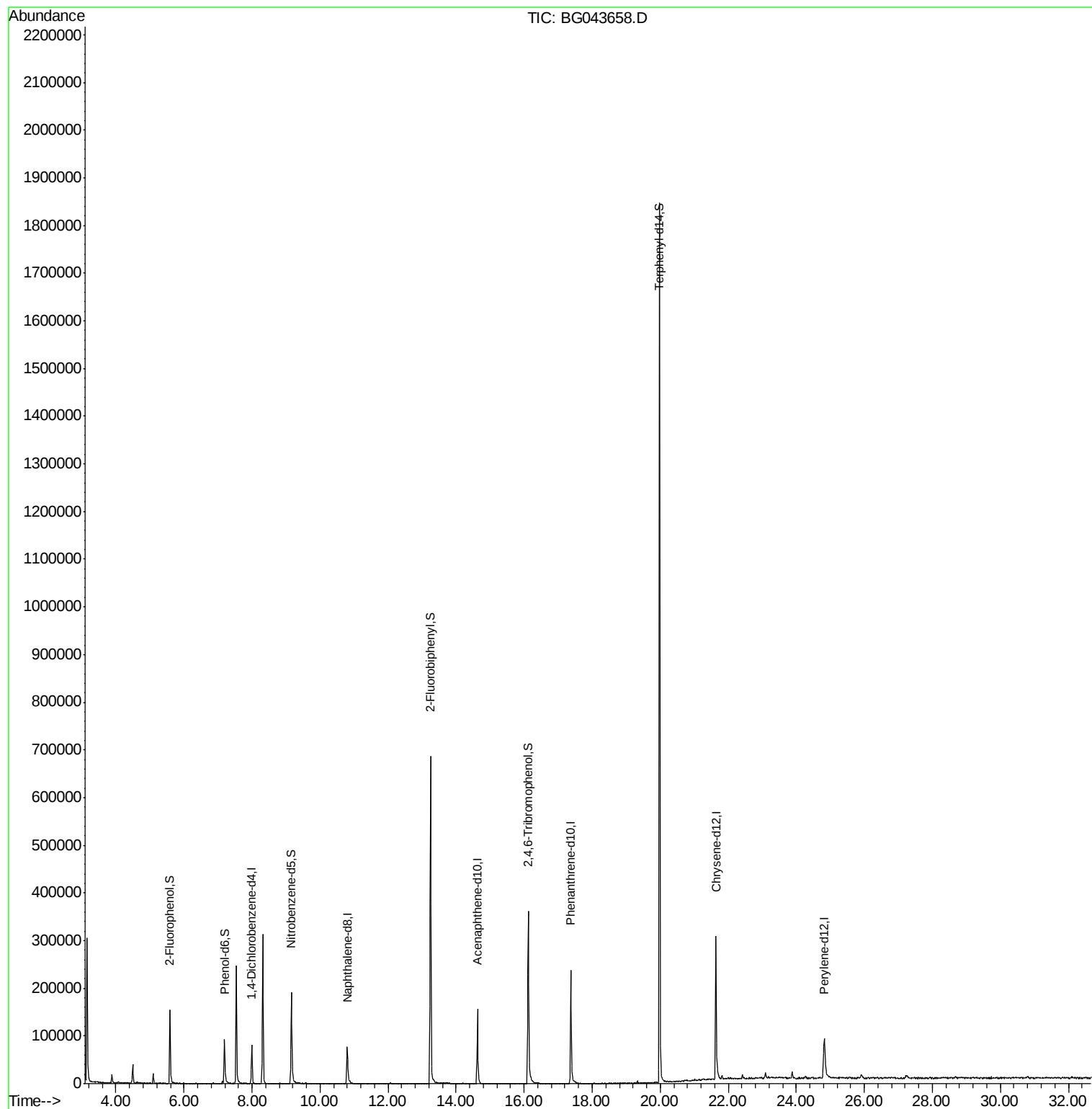
Target Compounds Qvalue

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

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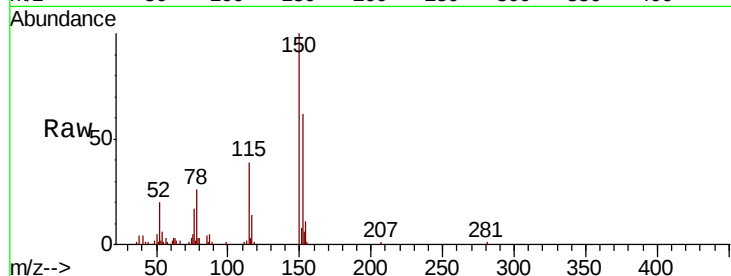


#1

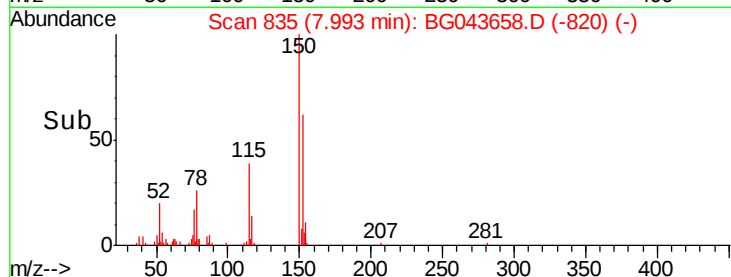
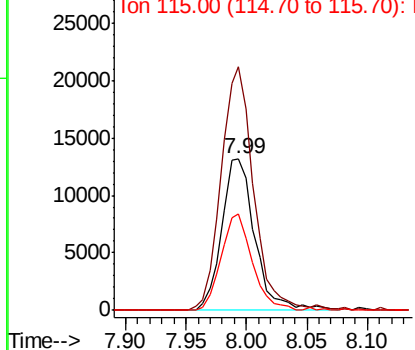
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043658.D
Acq: 15 Nov 2019 19:54

Instrument :
BNA_G
ClientSampleId :
PB124785BL

Tot Ion:152 Resp: 24953
Ion Ratio Lower Upper
152 100
150 160.7 129.4 194.0
115 63.4 48.8 73.2



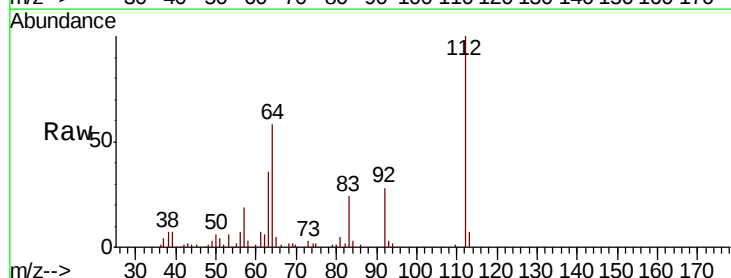
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



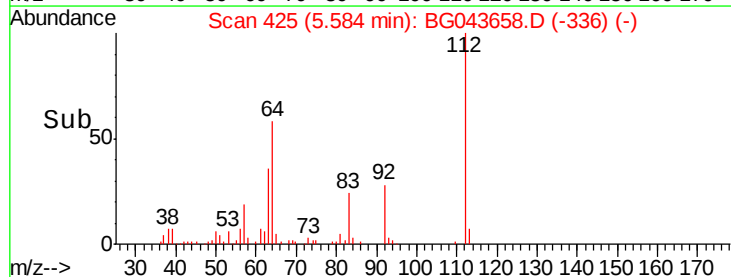
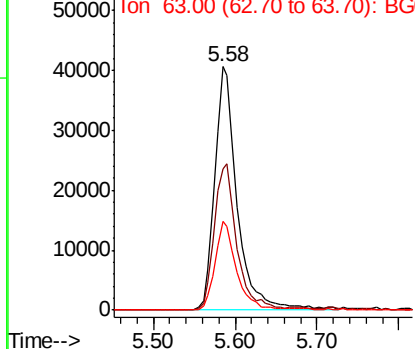
#5

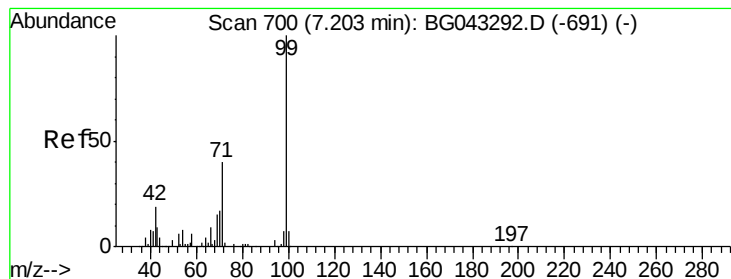
2-Fluorophenol
Concen: 56.975 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043658.D
Acq: 15 Nov 2019 19:54

Tgt Ion:112 Resp: 77584
Ion Ratio Lower Upper
112 100
64 58.3 50.0 75.0
63 36.3 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.937 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

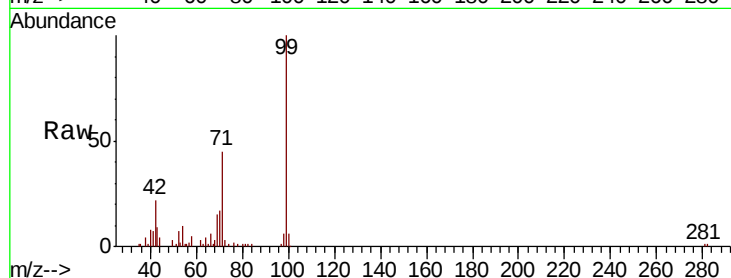
Tot Ion: 99 Resp: 66489

Ion Ratio Lower Upper

99 100

42 21.8 14.6 21.8

71 45.4 32.5 48.7

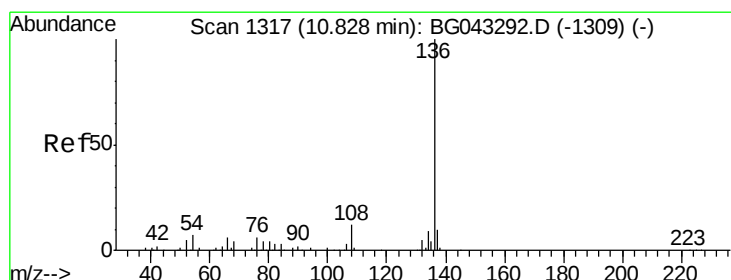
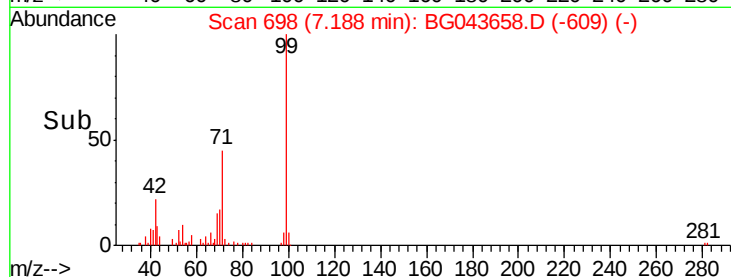
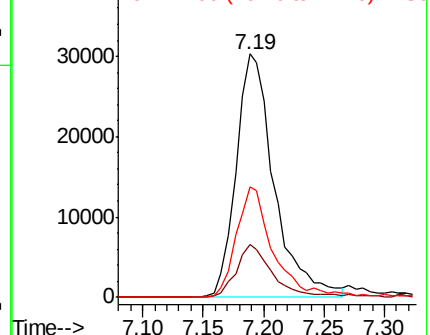


Abundance

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: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Tgt Ion: 136 Resp: 87167

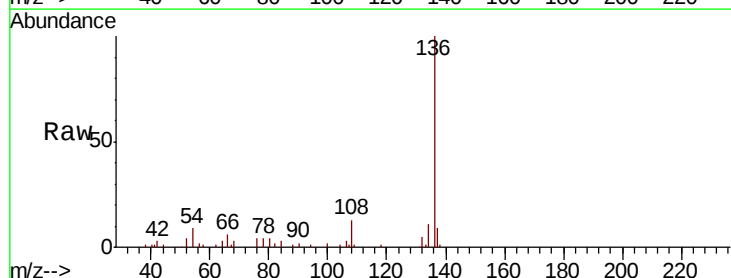
Ion Ratio Lower Upper

136 100

137 9.3 8.7 13.1

54 8.6 5.4 8.2#

68 3.5 3.0 4.4



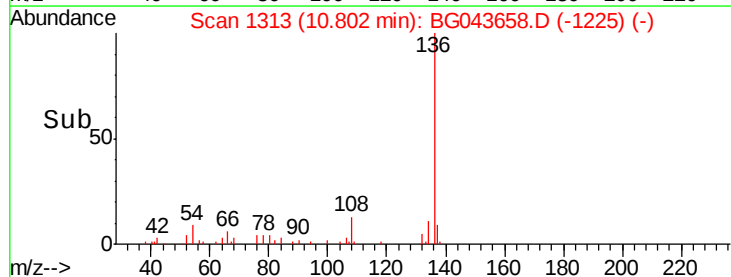
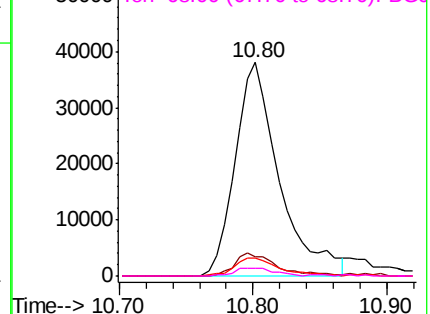
Abundance

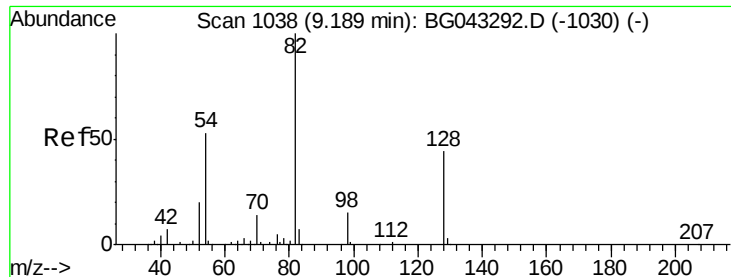
Ion 136.00 (135.70 to 136.70): BGC

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

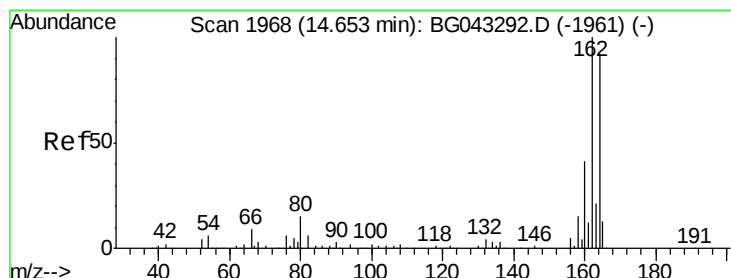
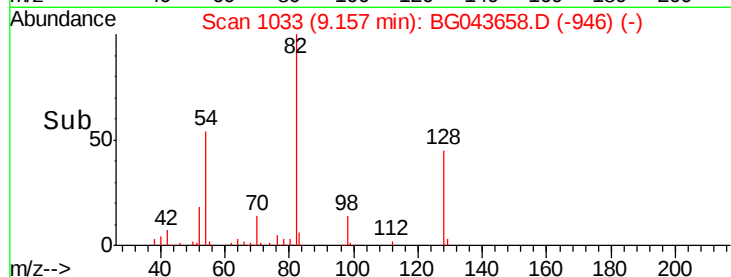
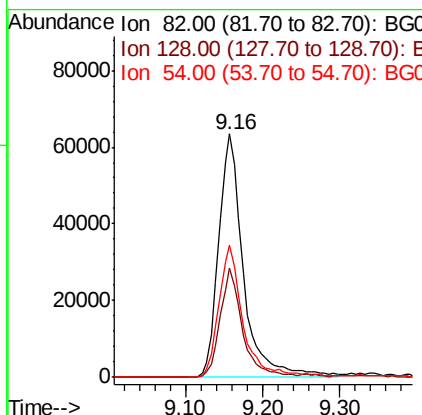
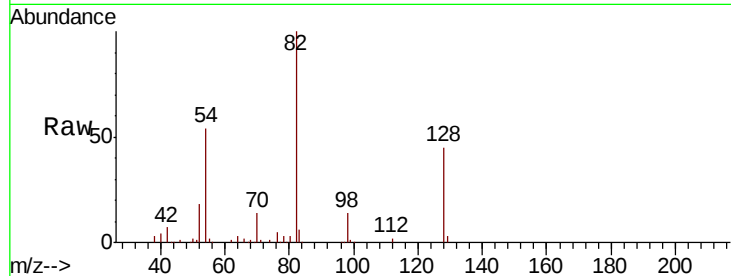




#23
Nitrobenzene-d5
Concen: 83.782 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043658.D
Acq: 15 Nov 2019 19:54

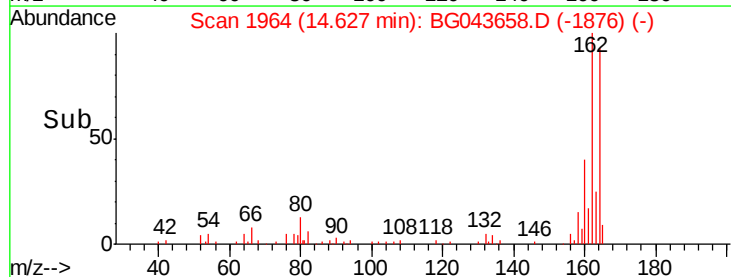
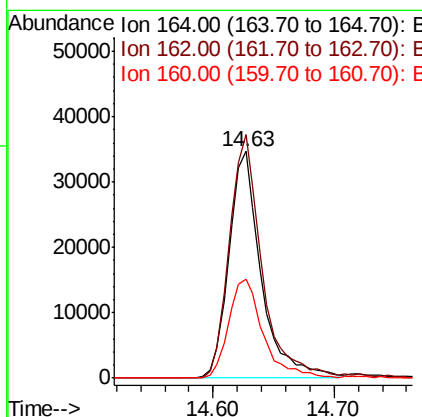
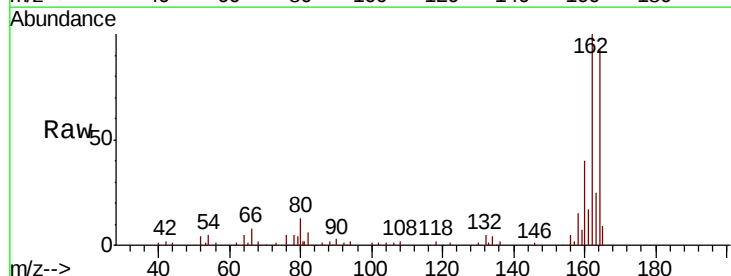
Instrument :
BNA_G
ClientSampleId :
PB124785BL

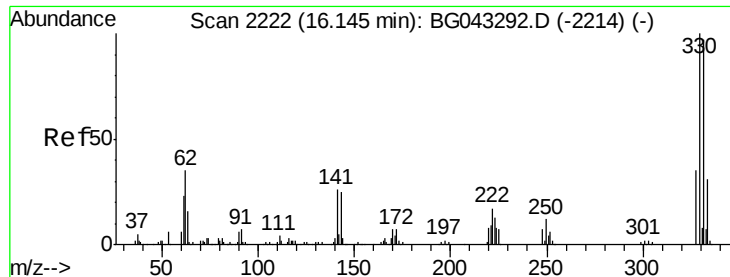
Tot Ion	82	Resp	141656
Ion Ratio	Lower	Upper	
82	100		
128	44.7	35.0	52.6
54	54.3	40.2	60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043658.D
Acq: 15 Nov 2019 19:54

Tgt Ion	164	Resp	64263
Ion Ratio	Lower	Upper	
164	100		
162	107.5	83.5	125.3
160	43.5	36.5	54.7

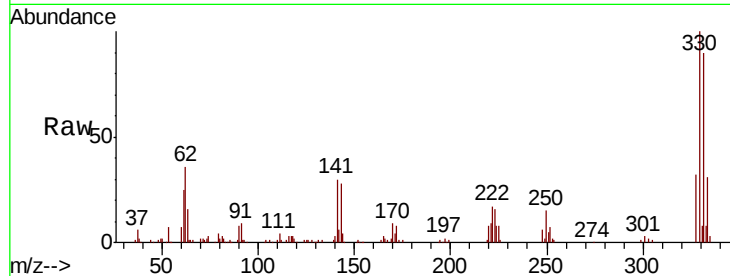




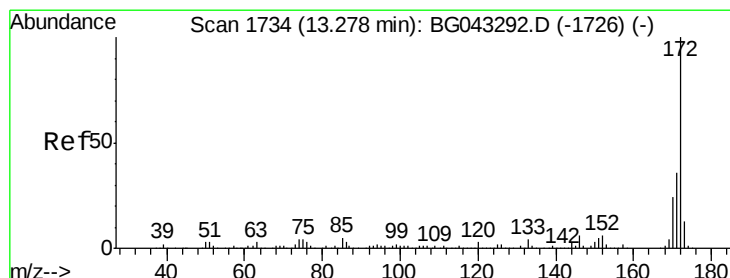
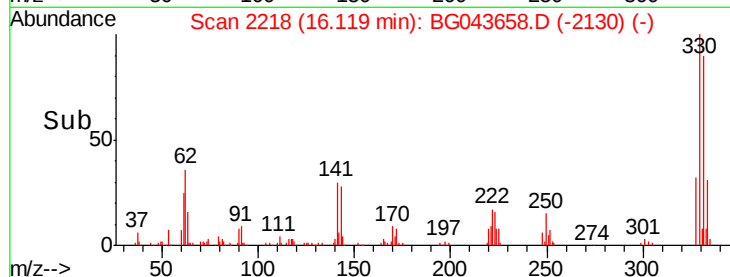
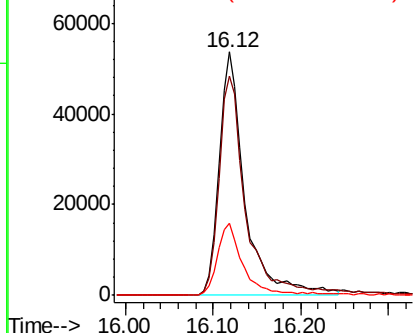
#42
 2,4,6-Tribromophenol
 Concen: 89.063 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG043658.D
 Acq: 15 Nov 2019 19:54

Instrument :
 BNA_G
 ClientSampleId :
 PB124785BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.4	116.0
141	28.7	22.8	34.2

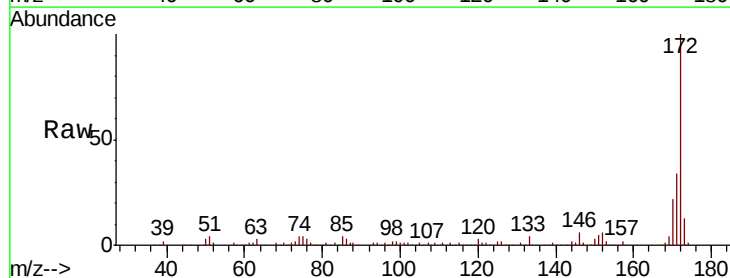


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

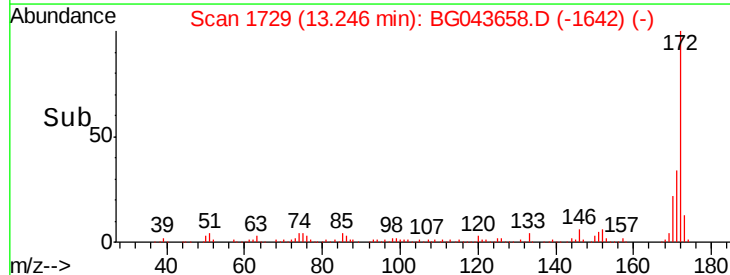
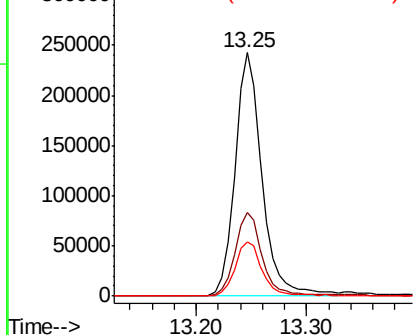


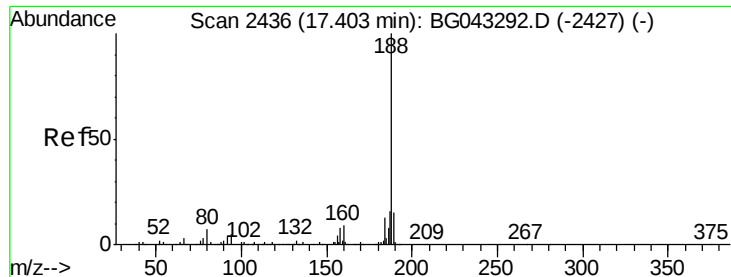
#45
 2-Fluorobiphenyl
 Concen: 89.342 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043658.D
 Acq: 15 Nov 2019 19:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.9	43.3
170	22.4	18.5	27.7



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

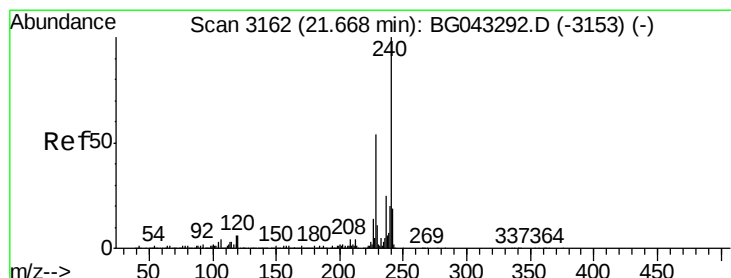
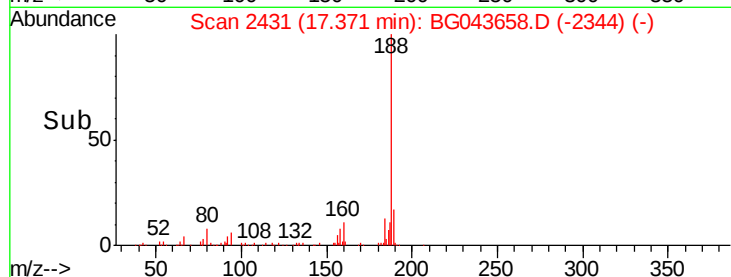
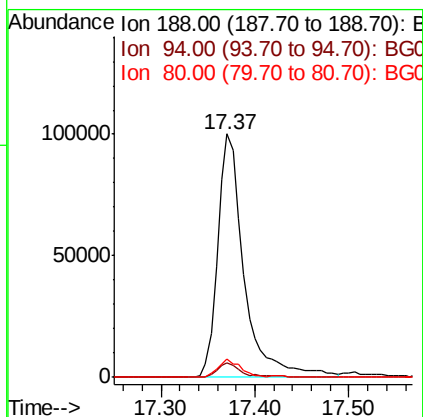
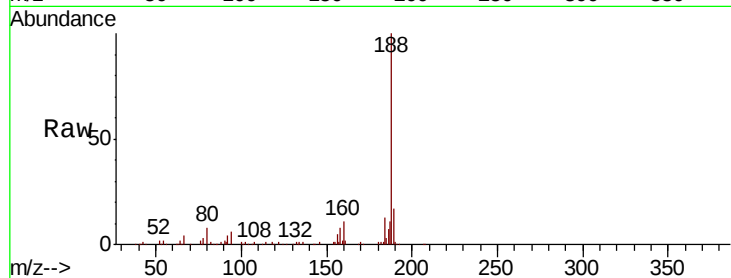




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BG043658.D
 Acq: 15 Nov 2019 19:54

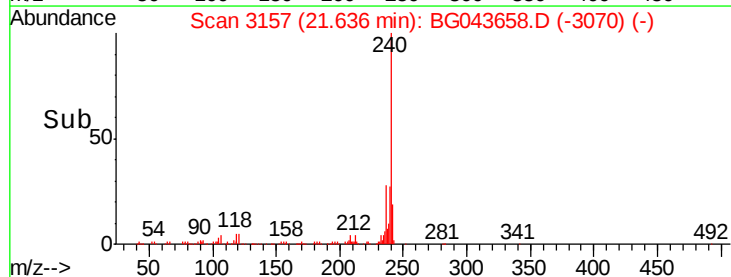
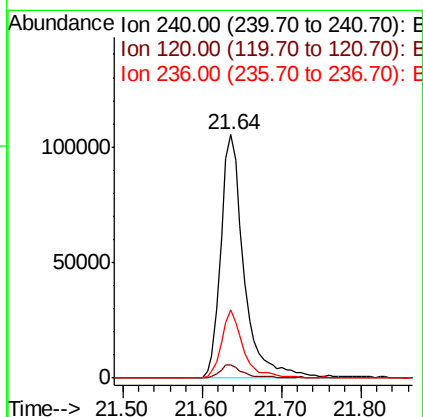
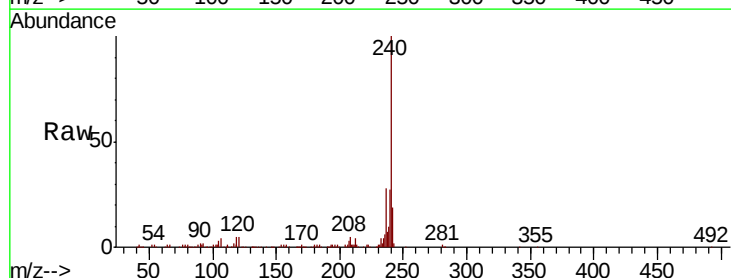
Instrument :
 BNA_G
 ClientSampleId :
 PB124785BL

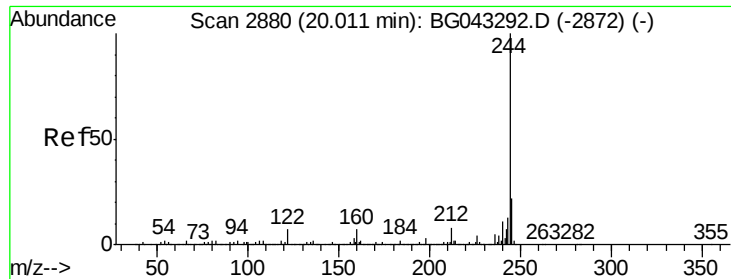
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.2	6.4
80	7.7	4.5	6.7#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.02 min
 Lab File: BG043658.D
 Acq: 15 Nov 2019 19:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.6	6.8
236	27.8	19.8	29.8





#79

Terphenyl-d14

Concen: 89.011 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

Instrument :

BNA_G

ClientSampleId :

PB124785BL

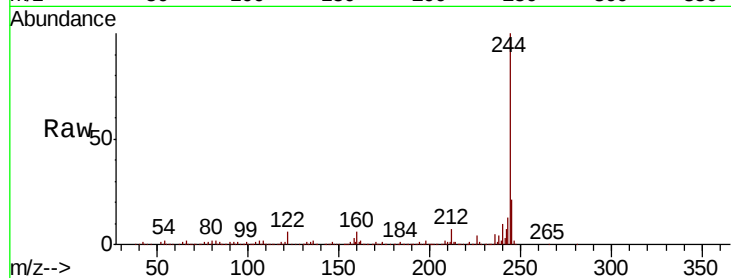
Tot Ion:244 Resp: 1013598

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

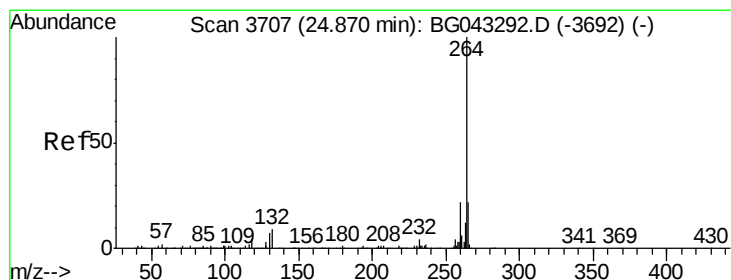
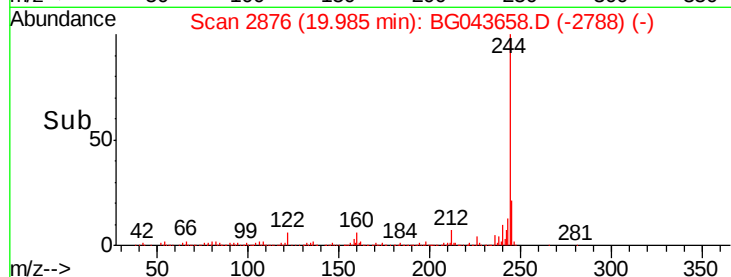
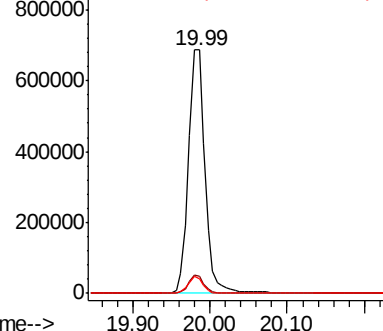
122 6.2 5.4 8.2



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: 24.83 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG043658.D

Acq: 15 Nov 2019 19:54

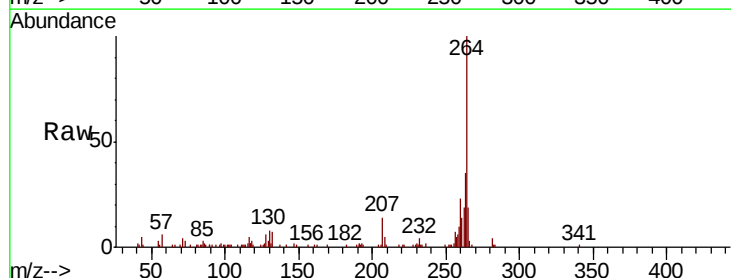
Tgt Ion:264 Resp: 79557

Ion Ratio Lower Upper

264 100

260 22.6 17.5 26.3

265 19.5 17.4 26.0



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

