

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043700.D
 Acq On : 19 Nov 2019 16:19
 Operator : JU
 Sample : PB124903BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124903BL

Quant Time: Nov 20 02:53:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26468	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	91174	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	75280	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	190449	20.00	ng	0.00
76) Chrysene-d12	21.64	240	229953	20.00	ng	0.00
87) Perylene-d12	24.81	264	257476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	181717	125.81	ng	0.00
7) Phenol-d6	7.18	99	242784	116.83	ng	0.00
23) Nitrobenzene-d5	9.15	82	142877	80.79	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	143870	100.43	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	396742	72.82	ng	0.00
79) Terphenyl-d14	19.98	244	984766	80.34	ng	0.00

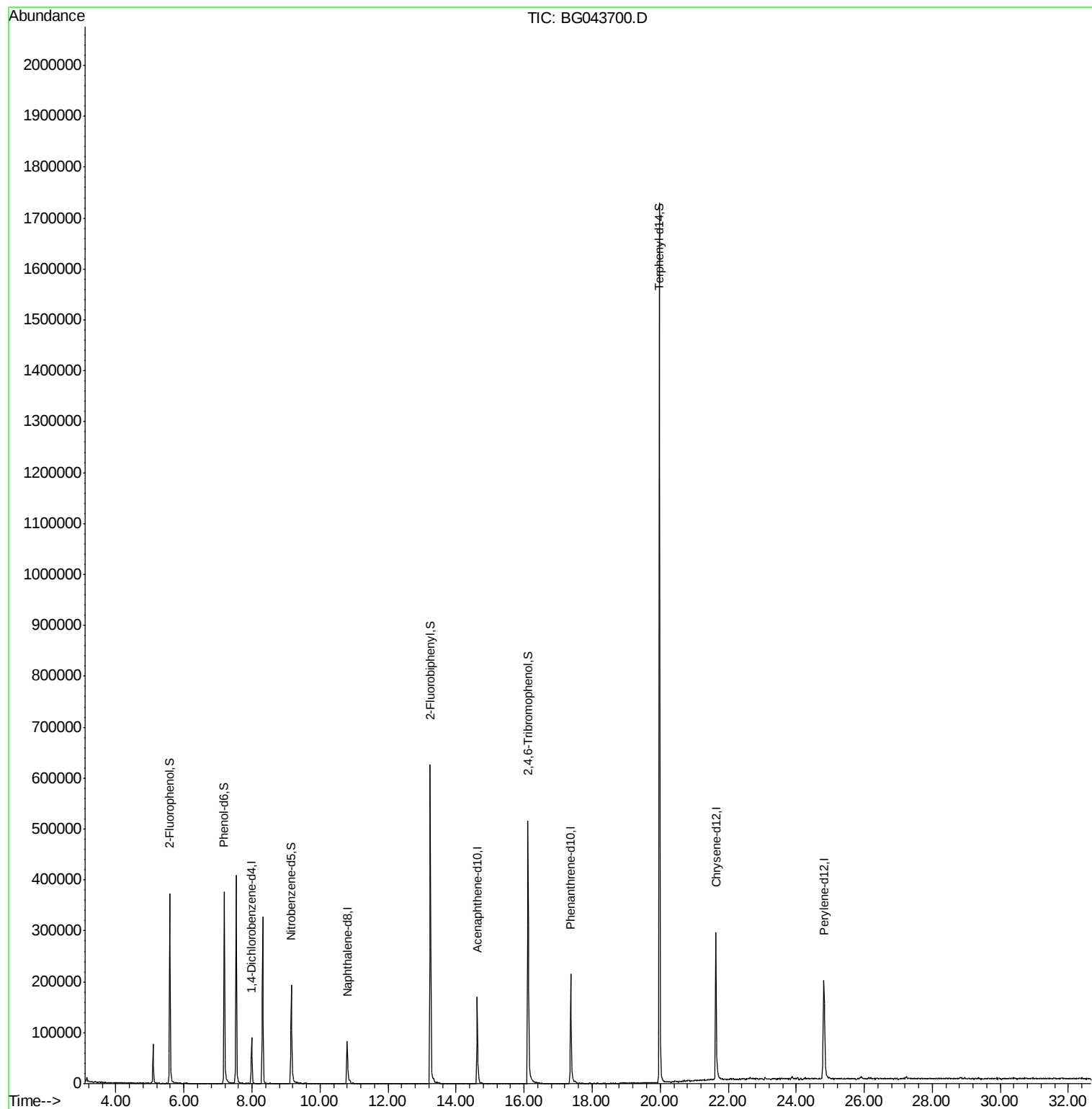
Target Compounds Qvalue

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

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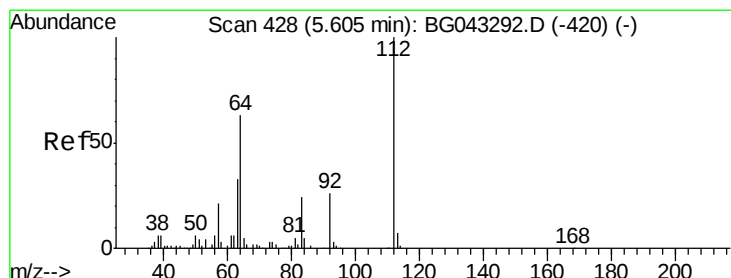
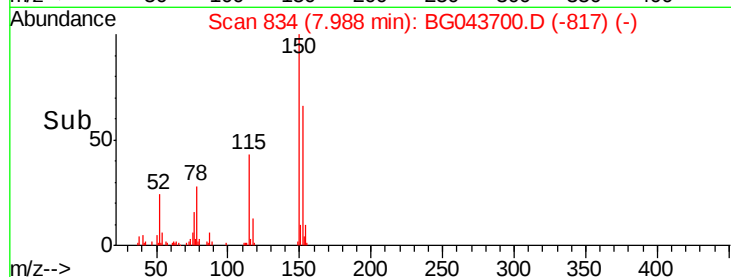
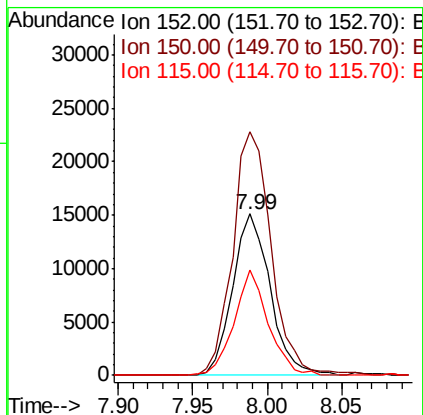
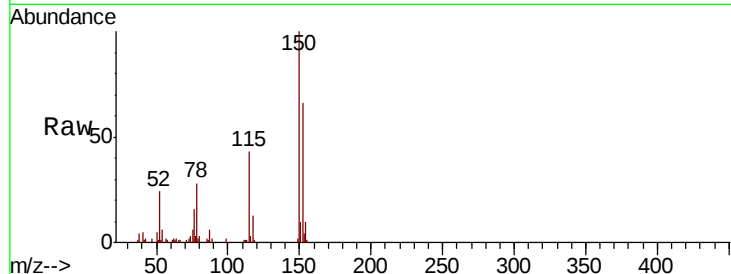


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB124903BL

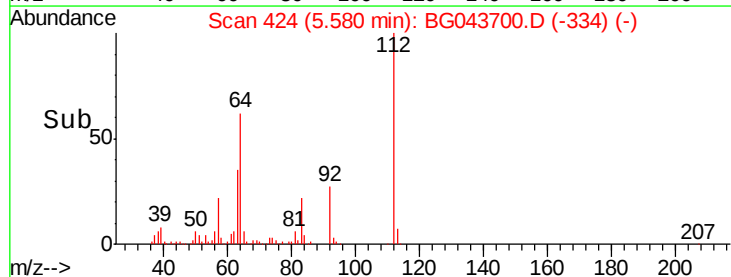
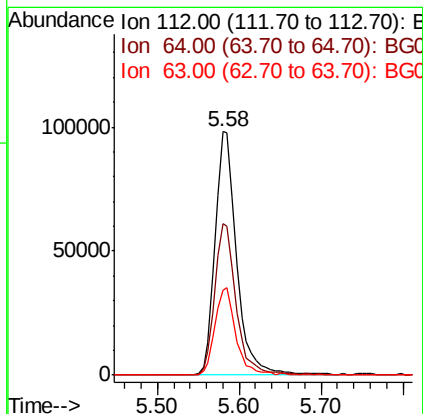
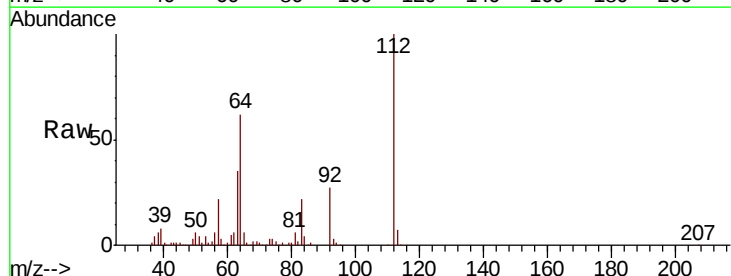
Tot Ion:152 Resp: 26468
Ion Ratio Lower Upper
152 100
150 151.1 116.6 175.0
115 65.3 40.5 60.7#



#5

2-Fluorophenol
Concen: 125.807 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Tgt Ion:112 Resp: 181717
Ion Ratio Lower Upper
112 100
64 62.2 50.6 75.8
63 34.9 30.5 45.7





#7

Phenol-d6

Concen: 116.826 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043700.D

Acq: 19 Nov 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB124903BL

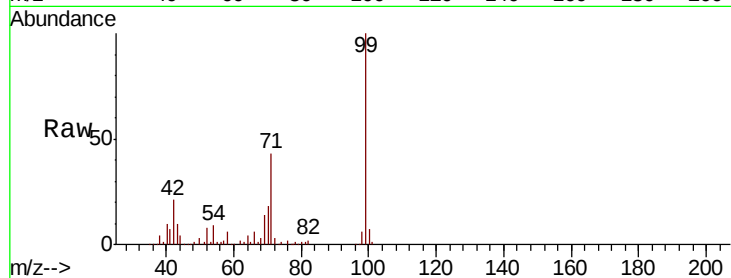
Tot Ion: 99 Resp: 242784

Ion Ratio Lower Upper

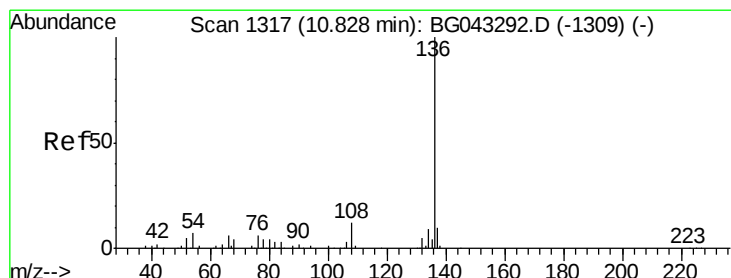
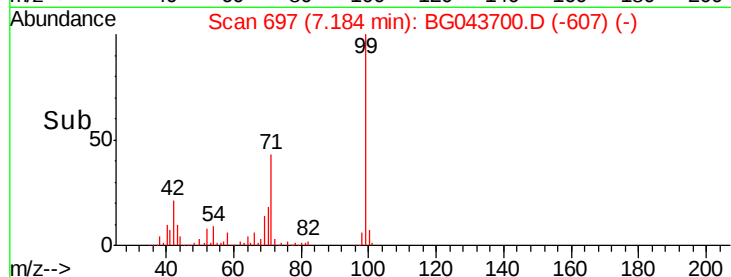
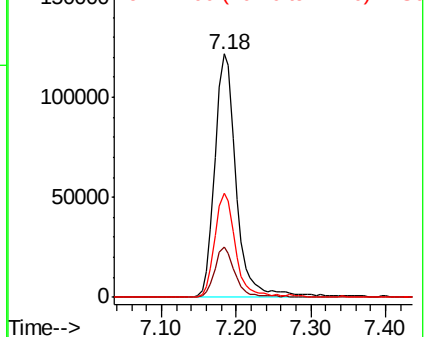
99 100

42 20.8 15.8 23.8

71 42.9 34.4 51.6



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# 1312

Delta R.T. 0.00 min

Lab File: BG043700.D

Acq: 19 Nov 2019 16:19

Tgt Ion: 136 Resp: 91174

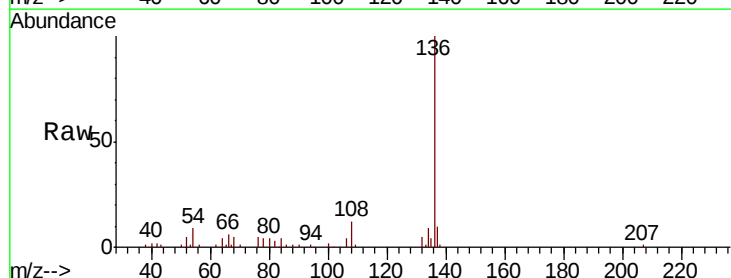
Ion Ratio Lower Upper

136 100

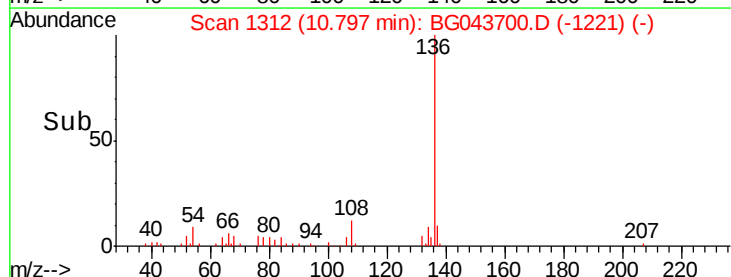
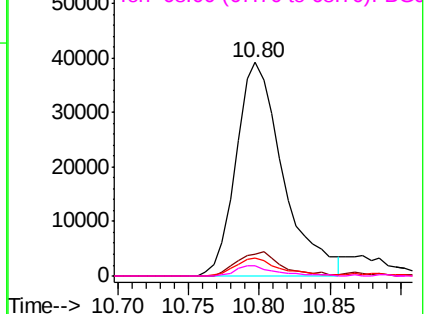
137 10.1 8.8 13.2

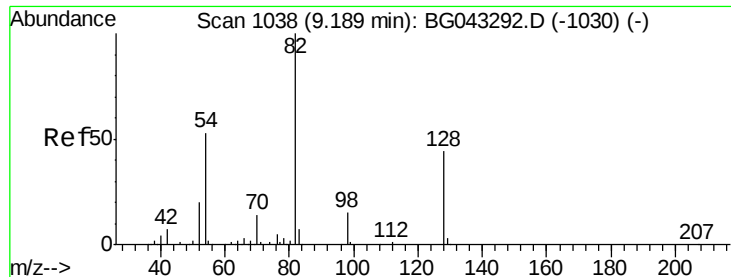
54 8.5 6.2 9.2

68 4.7 3.4 5.0



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

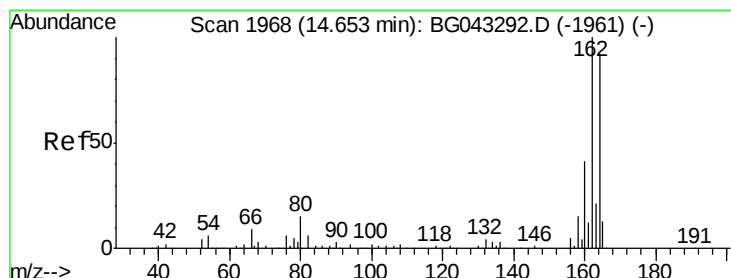
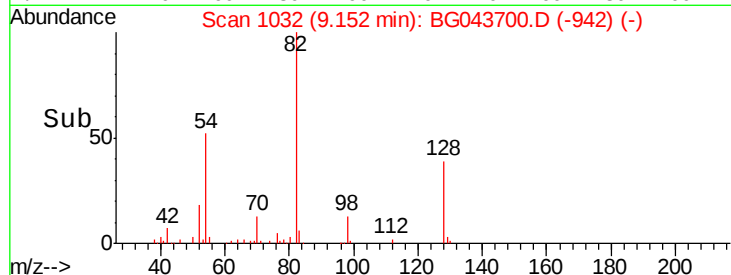
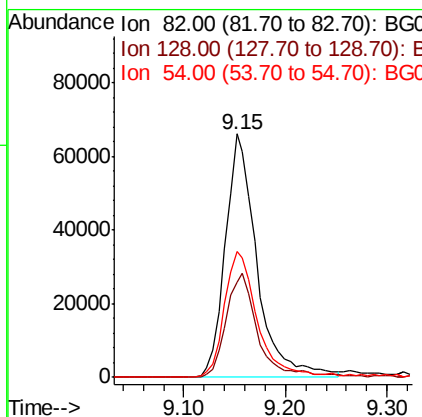
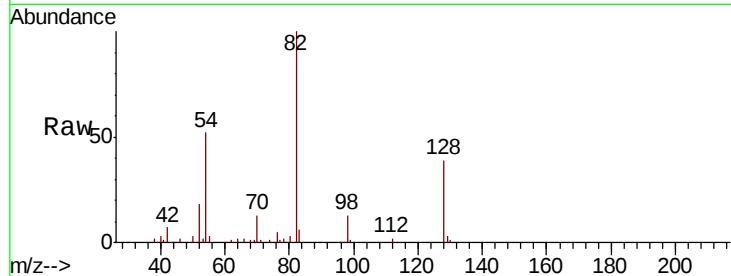




#23
 Nitrobenzene-d5
 Concen: 80.790 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG043700.D
 Acq: 19 Nov 2019 16:19

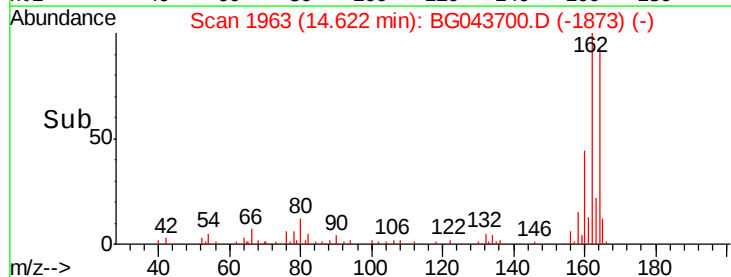
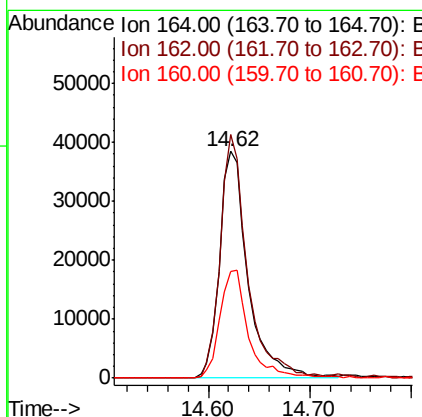
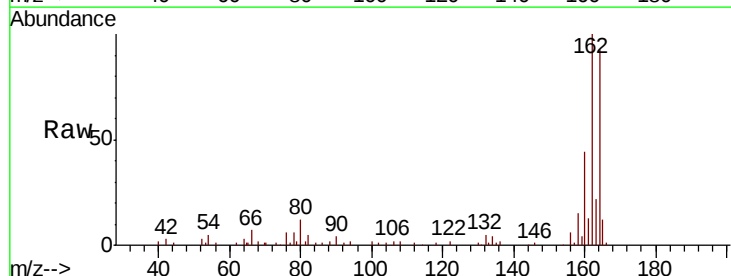
Instrument :
 BNA_G
 ClientSampleId :
 PB124903BL

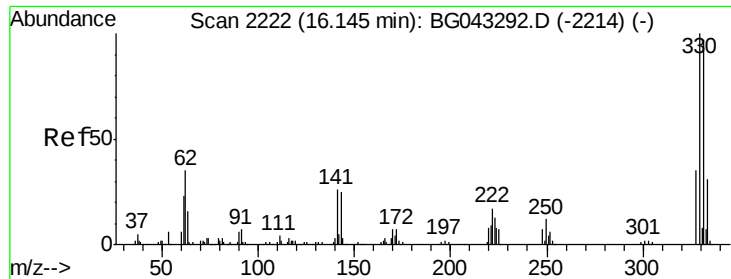
Tot Ion	82	Resp	142877
Ion Ratio	Lower	Upper	
82	100		
128	39.2	34.2	51.4
54	51.6	44.7	67.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG043700.D
 Acq: 19 Nov 2019 16:19

Tgt Ion	164	Resp	75280
Ion Ratio	Lower	Upper	
164	100		
162	107.5	79.4	119.2
160	47.1	36.3	54.5

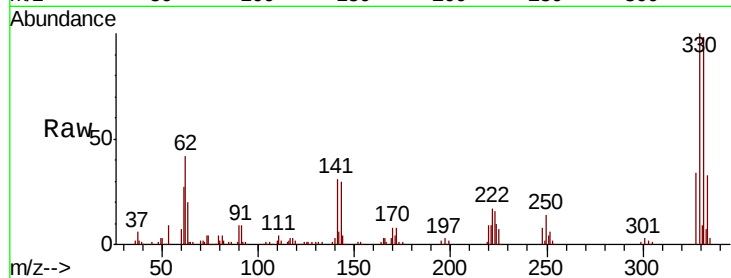




#42
 2,4,6-Tribromophenol
 Concen: 100.427 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG043700.D
 Acq: 19 Nov 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB124903BL

Tot Ion	330	Resp	143870
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.6	115.0
141	29.9	23.4	35.2

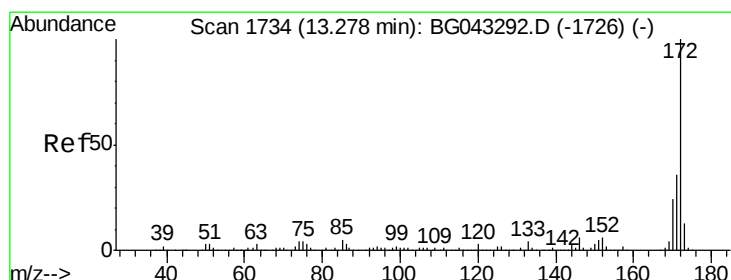
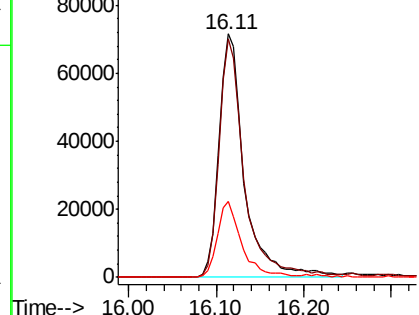
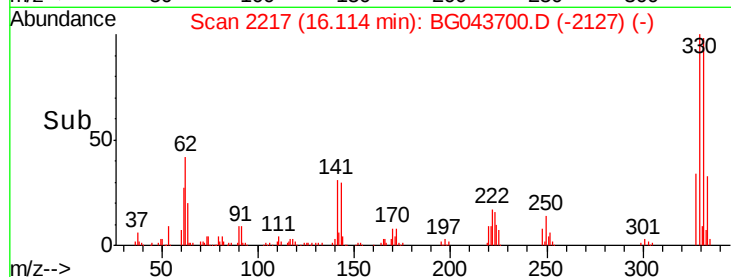


Abundance

Ion 329.80 (329.50 to 330.50): E

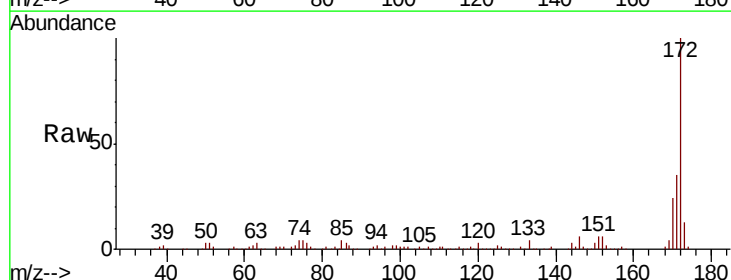
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.824 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043700.D
 Acq: 19 Nov 2019 16:19

Tgt Ion	172	Resp	396742
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.1	42.1
170	23.5	18.8	28.2

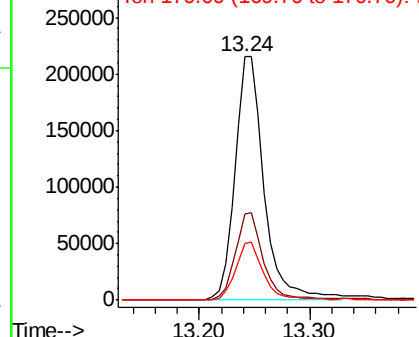
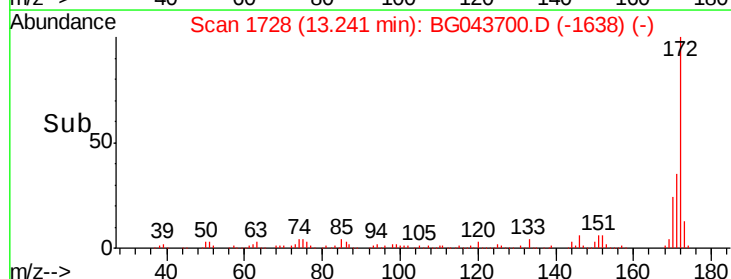


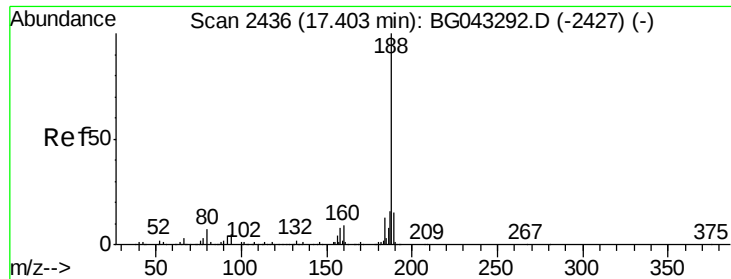
Abundance

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

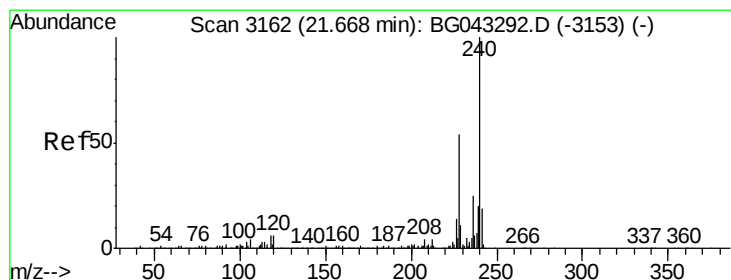
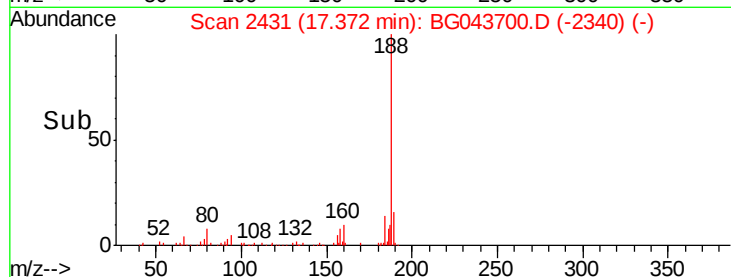
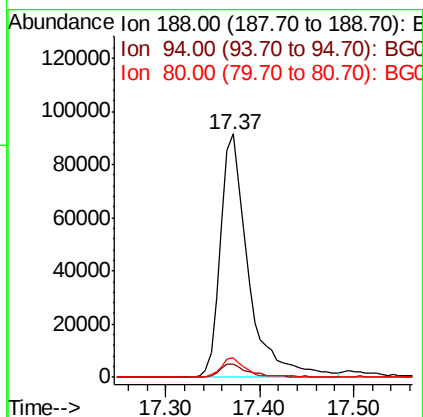
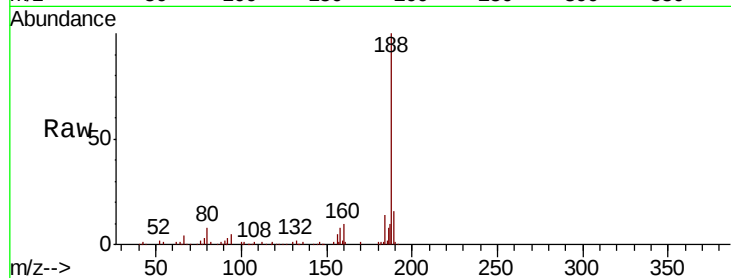




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

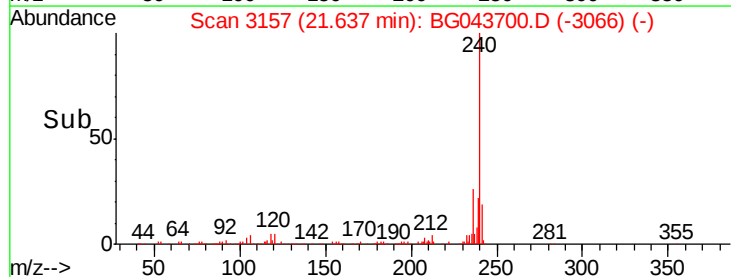
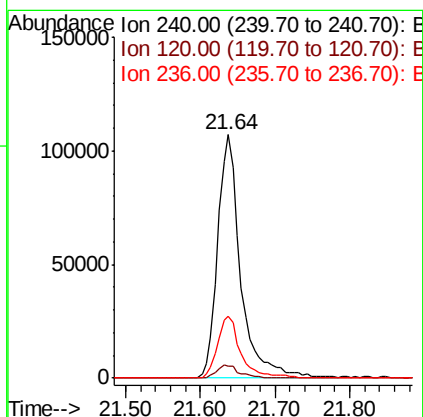
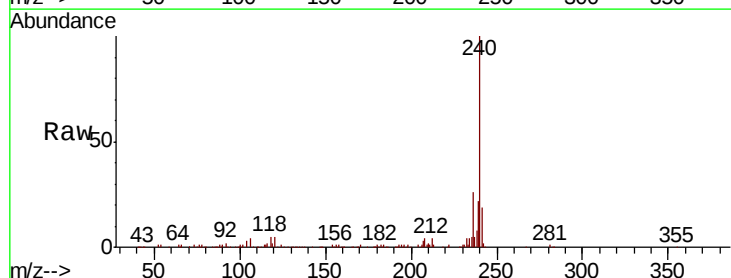
Instrument :
BNA_G
ClientSampleId :
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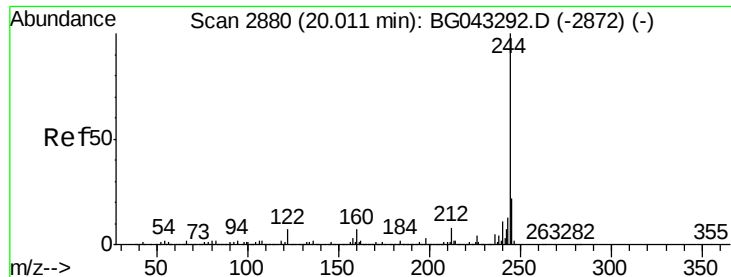
Tot Ion:188 Resp: 190449
Ion Ratio Lower Upper
188 100
94 5.4 4.6 7.0
80 7.9 5.2 7.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Tgt Ion:240 Resp: 229953
Ion Ratio Lower Upper
240 100
120 5.2 4.9 7.3
236 25.6 21.4 32.0





#79

Terphenyl-d14

Concen: 80.341 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043700.D

Acq: 19 Nov 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB124903BL

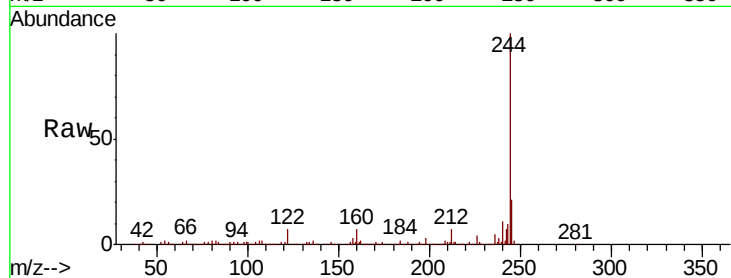
Tot Ion:244 Resp: 984766

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

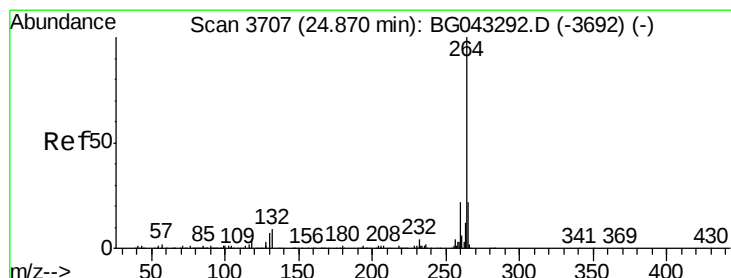
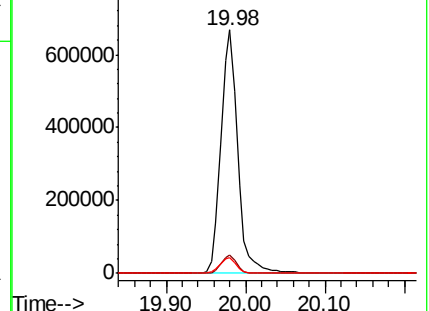
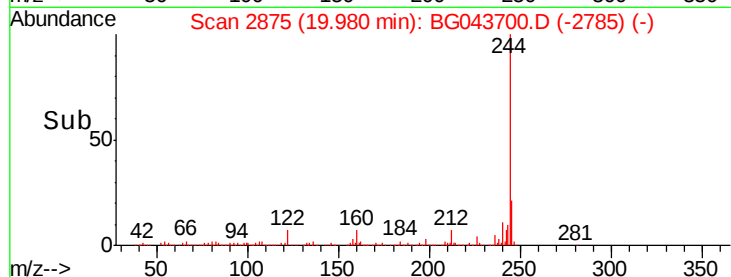
122 6.6 5.2 7.8



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: 24.81 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG043700.D

Acq: 19 Nov 2019 16:19

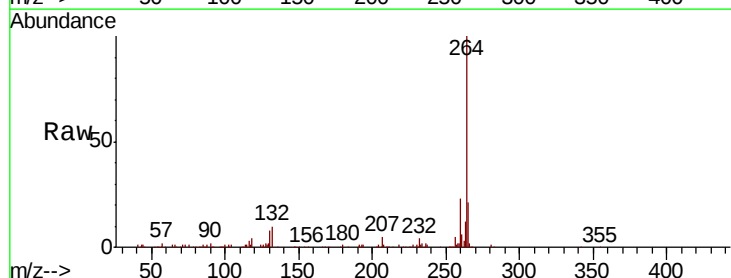
Tgt Ion:264 Resp: 257476

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.4 15.8 23.8



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

