

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042437.D
 Acq On : 23 Aug 2019 17:30
 Operator : HP/JU
 Sample : K4086-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019

Quant Time: Aug 23 18:08:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	124313	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	453051	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	248922	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	469969	20.00	ng	0.00
76) Chrysene-d12	21.70	240	478922	20.00	ng	0.00
87) Perylene-d12	24.94	264	588893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	813879	132.60	ng	0.00
7) Phenol-d6	7.17	99	1014672	122.38	ng	0.00
23) Nitrobenzene-d5	9.18	82	688210	104.97	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	413664	116.92	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1473163	100.09	ng	0.00
79) Terphenyl-d14	20.03	244	1939144	87.54	ng	0.00

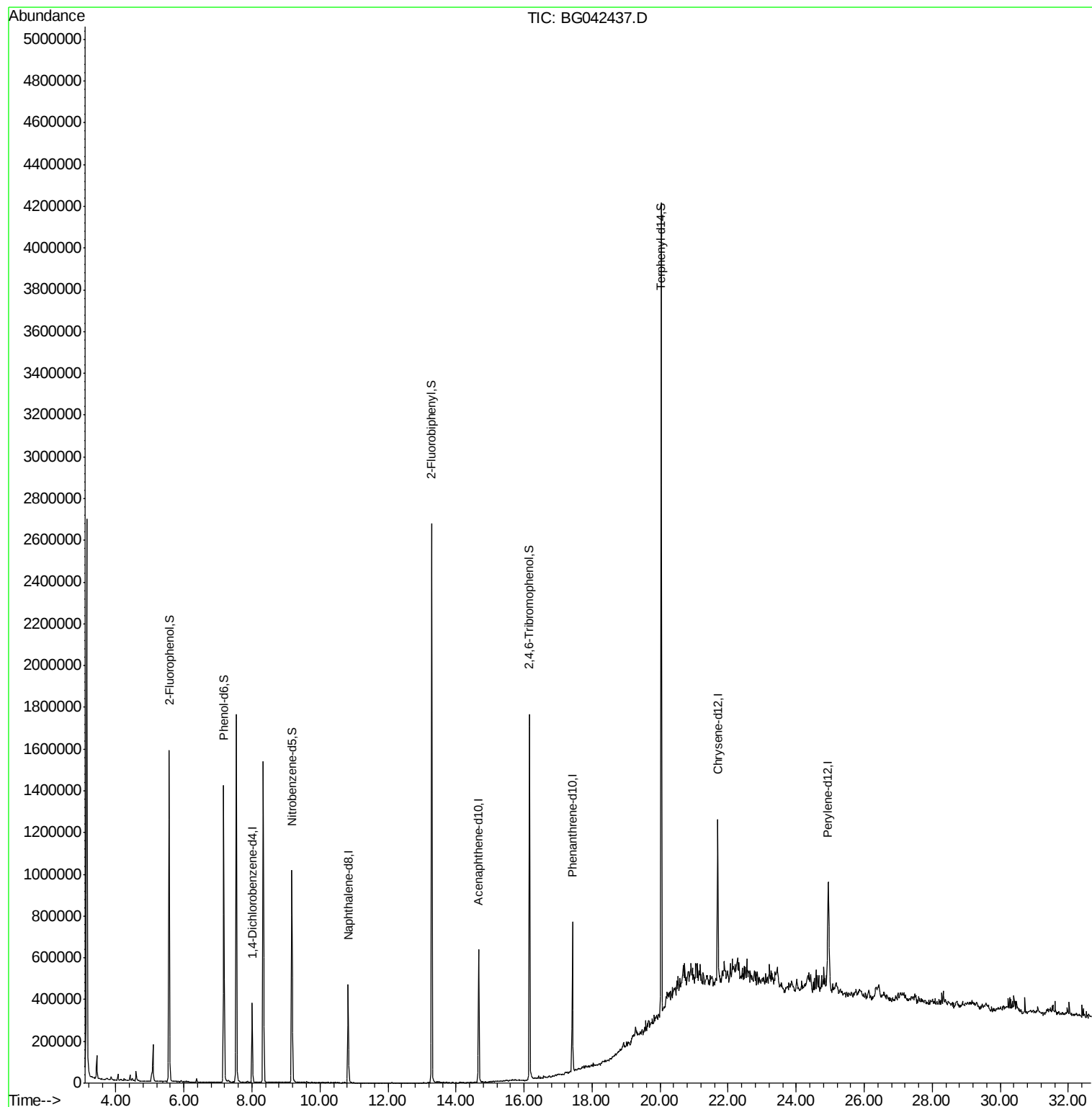
Target Compounds Qvalue

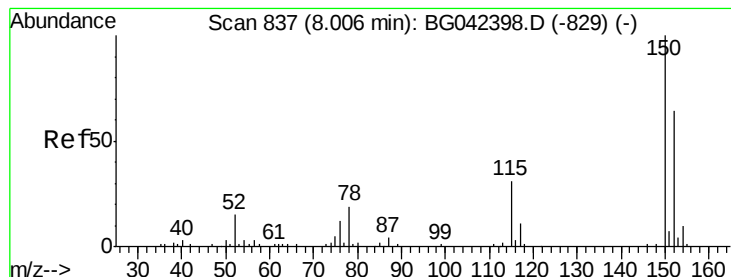
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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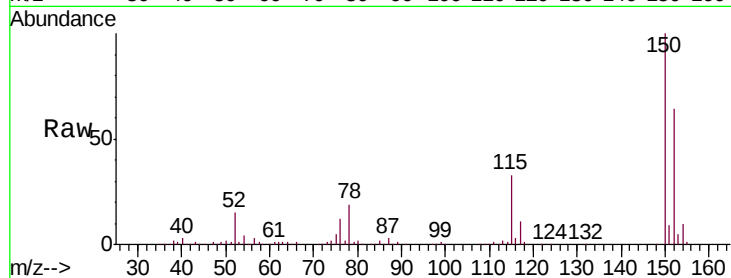


#1

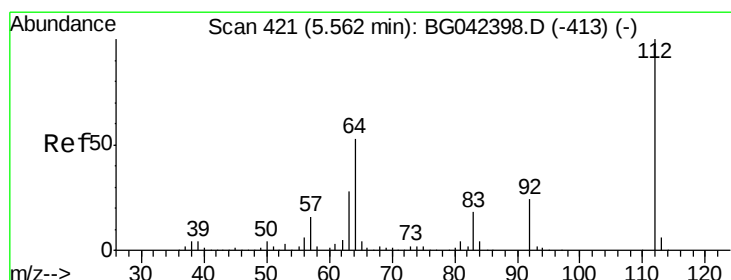
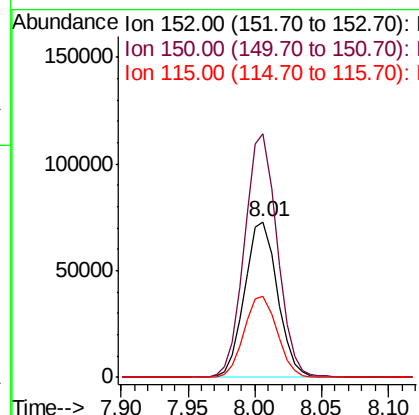
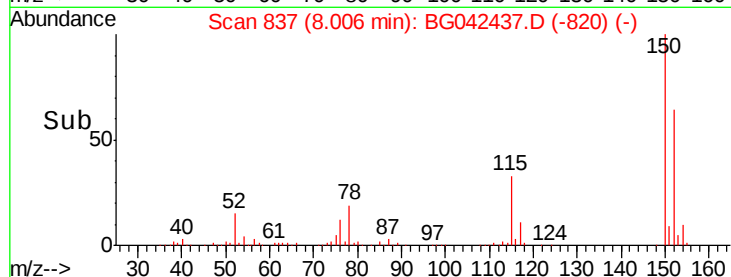
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042437.D
Acq: 23 Aug 2019 17:30

Instrument :
BNA_G
ClientSampleId :
NB-08-082019

Tot Ion:152 Resp: 124313
Ion Ratio Lower Upper
152 100
150 156.4 125.4 188.0
115 51.9 38.5 57.7



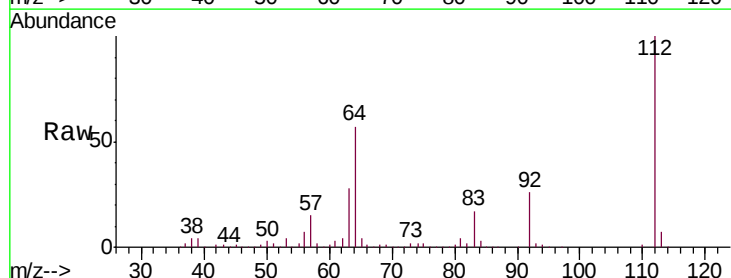
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



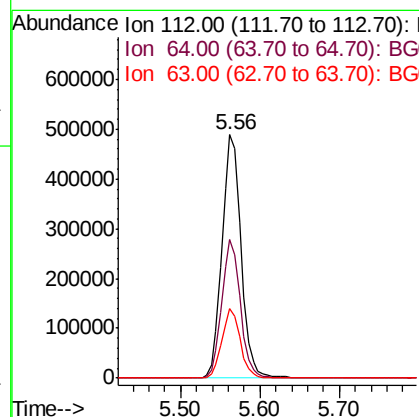
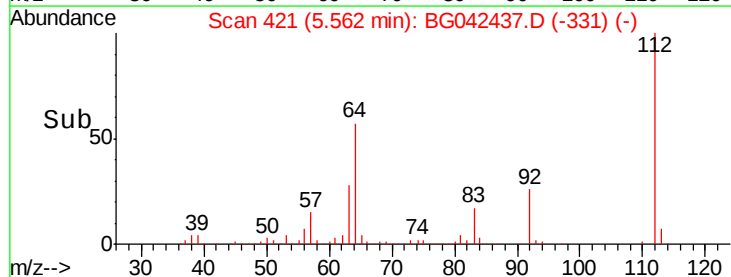
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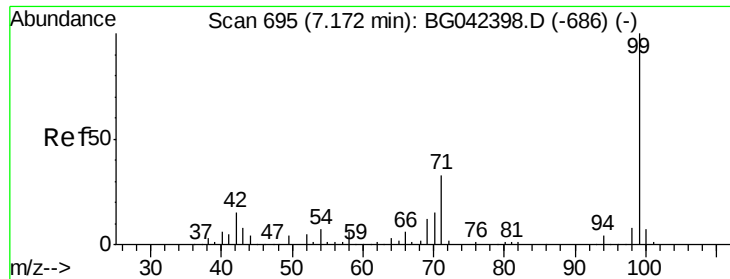
2-Fluorophenol
Concen: 132.596 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042437.D
Acq: 23 Aug 2019 17:30

Tgt Ion:112 Resp: 813879
Ion Ratio Lower Upper
112 100
64 57.1 42.8 64.2
63 28.3 22.7 34.1



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: 122.381 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG042437.D

Acq: 23 Aug 2019 17:30

Instrument :

BNA_G

ClientSampleId :

NB-08-082019

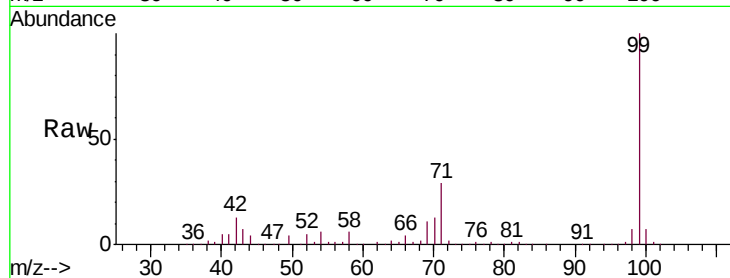
Tot Ion: 99 Resp: 1014672

Ion Ratio Lower Upper

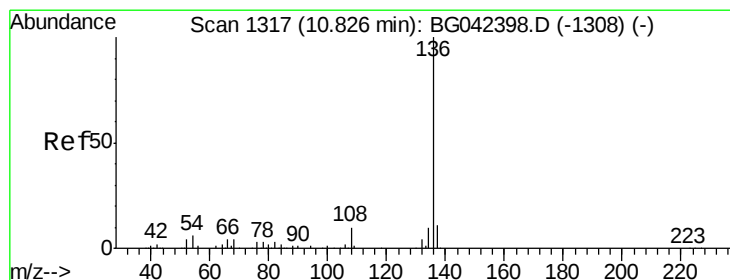
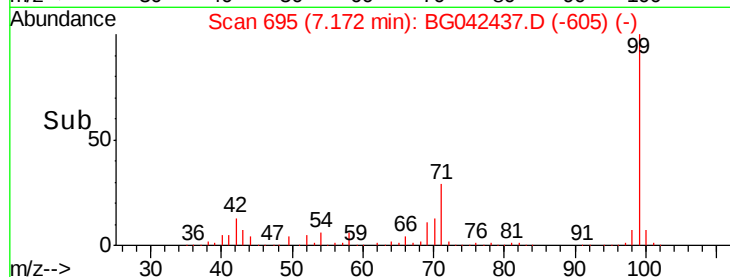
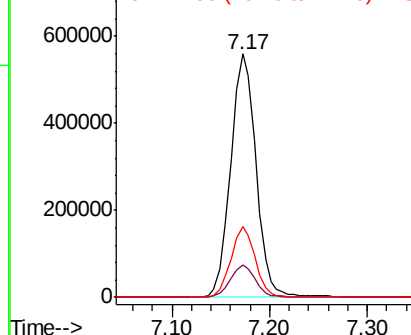
99 100

42 13.5 12.0 18.0

71 28.9 26.3 39.5



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: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042437.D

Acq: 23 Aug 2019 17:30

Tgt Ion: 136 Resp: 453051

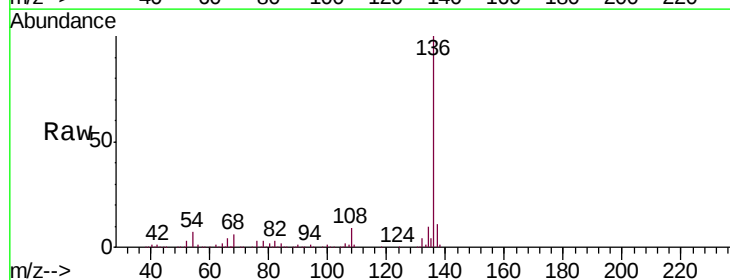
Ion Ratio Lower Upper

136 100

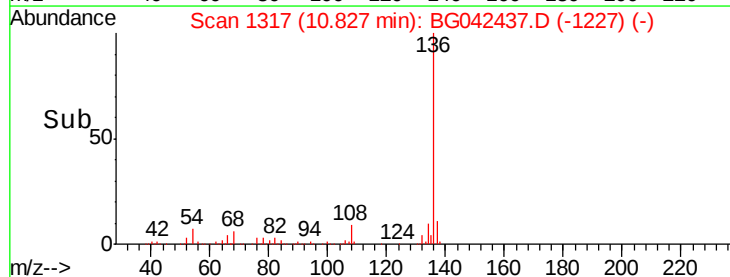
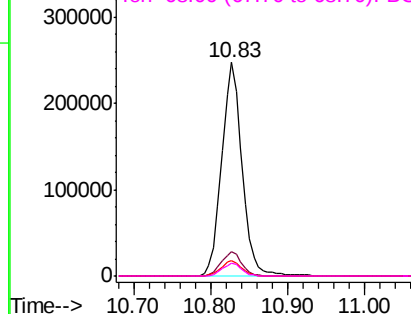
137 11.2 8.7 13.1

54 7.1 4.9 7.3

68 5.7 3.6 5.4#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

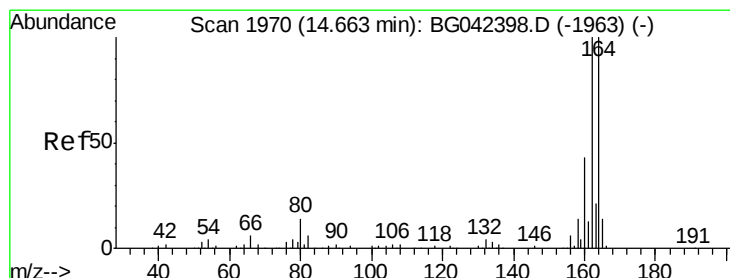
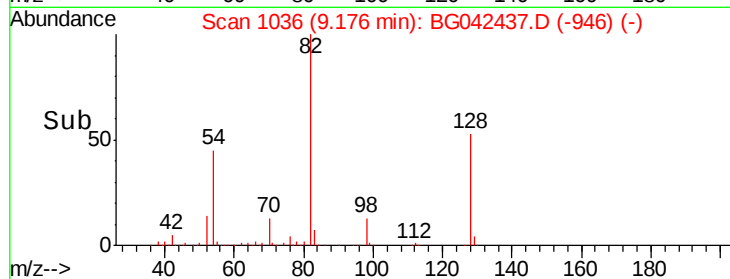
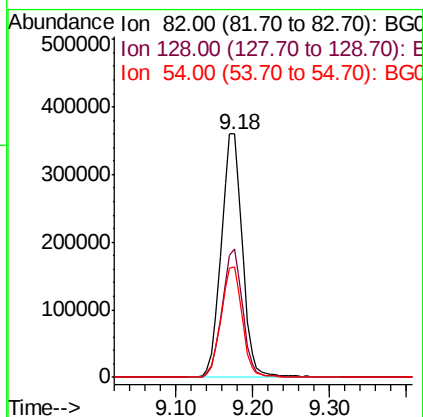
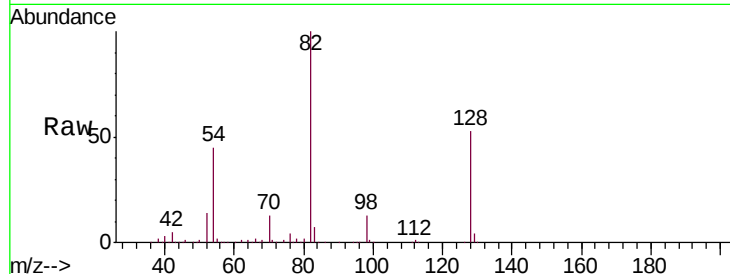




#23
Nitrobenzene-d5
Concen: 104.973 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042437.D
Acq: 23 Aug 2019 17:30

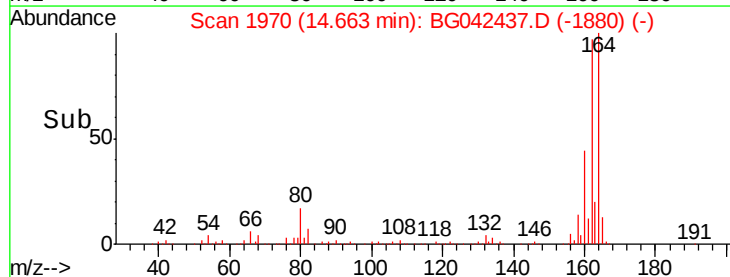
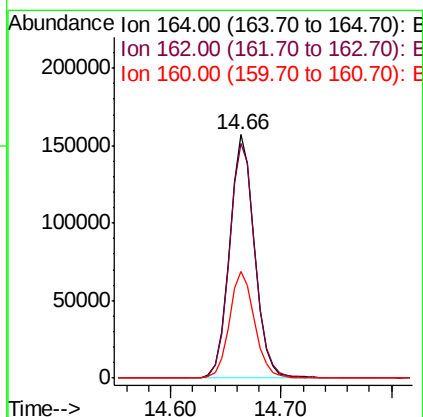
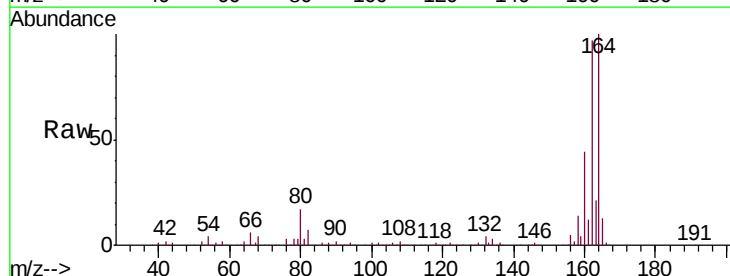
Instrument :
BNA_G
ClientSampleId :
NB-08-082019

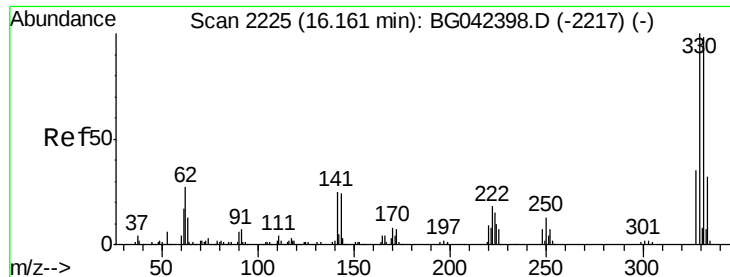
Tot Ion	82	Resp	688210
Ion Ratio	Lower	Upper	
82	100		
128	52.7	40.7	61.1
54	45.5	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG042437.D
Acq: 23 Aug 2019 17:30

Tgt Ion	164	Resp	248922
Ion Ratio	Lower	Upper	
164	100		
162	96.6	79.9	119.9
160	43.8	34.3	51.5

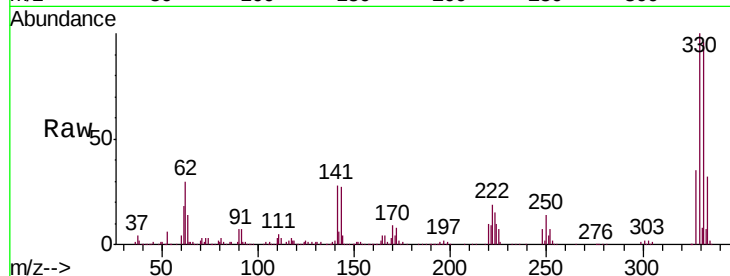




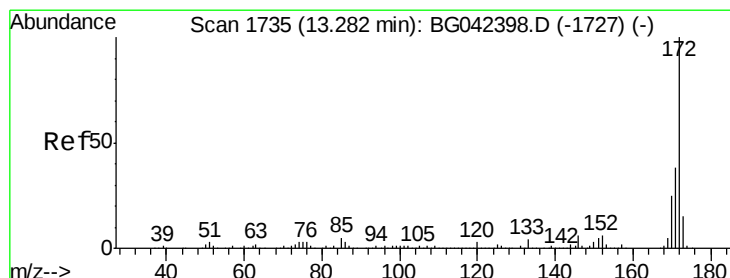
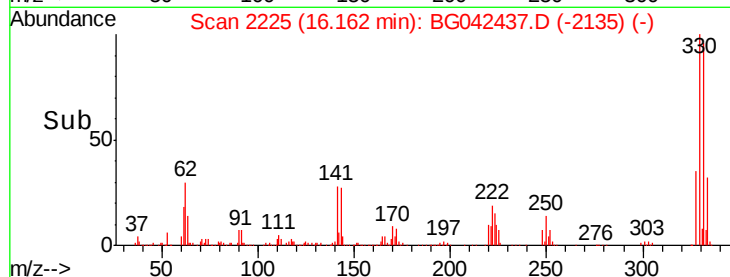
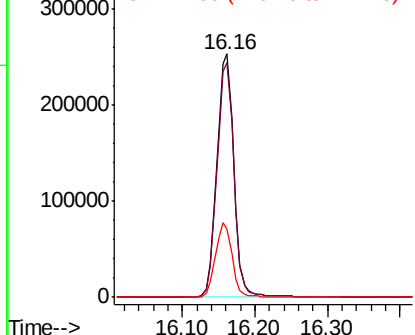
#42
 2,4,6-Tribromophenol
 Concen: 116.920 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BG042437.D
 Acq: 23 Aug 2019 17:30

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019

Tot Ion:330 Resp: 413664
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.0
 141 30.4 21.4 32.0

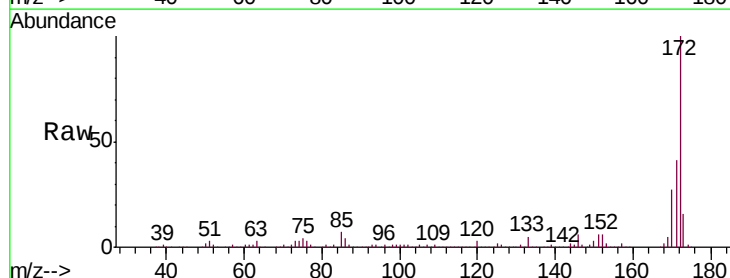


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

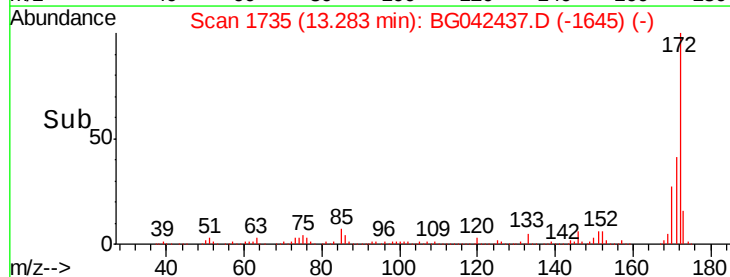
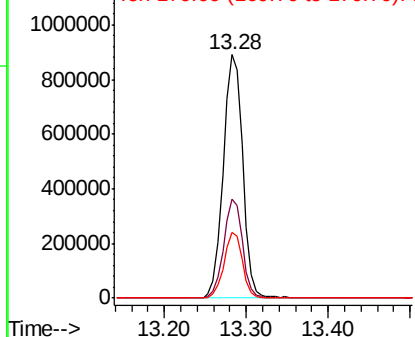


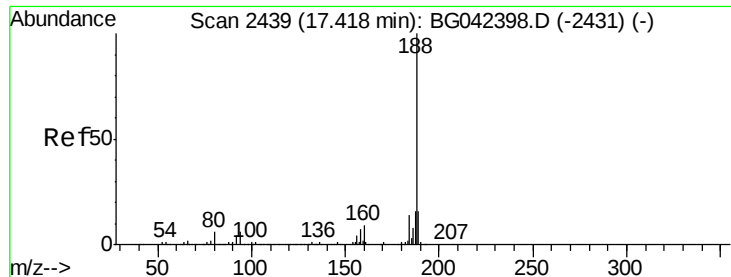
#45
 2-Fluorobiphenyl
 Concen: 100.093 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG042437.D
 Acq: 23 Aug 2019 17:30

Tgt Ion:172 Resp: 1473163
 Ion Ratio Lower Upper
 172 100
 171 40.9 30.5 45.7
 170 26.9 20.2 30.2



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

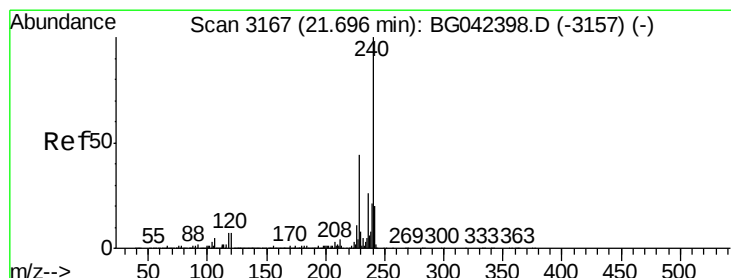
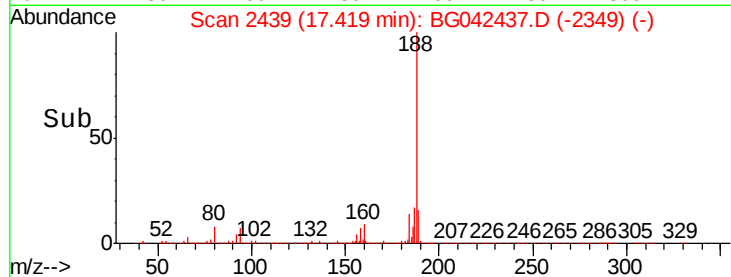
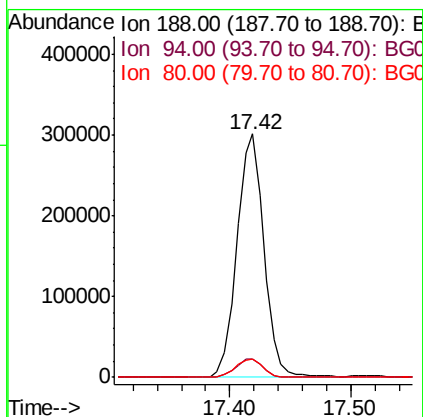
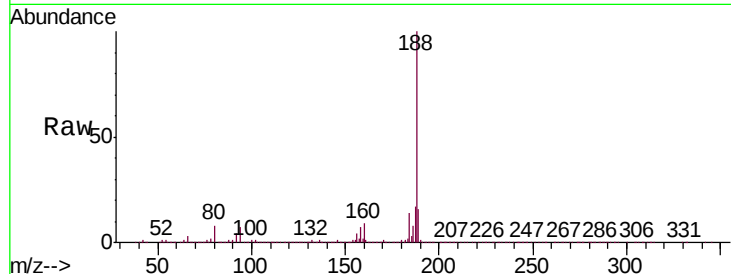




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042437.D
Acq: 23 Aug 2019 17:30

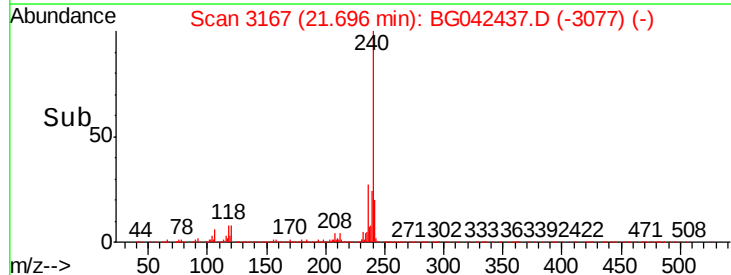
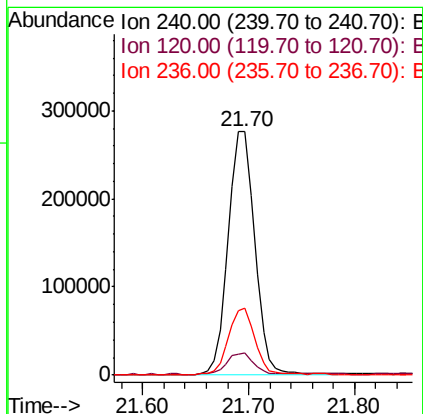
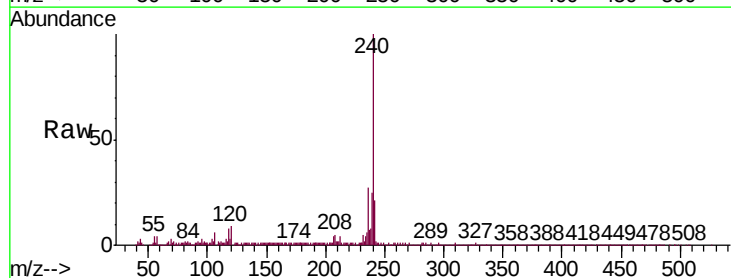
Instrument :
BNA_G
ClientSampleId :
NB-08-082019

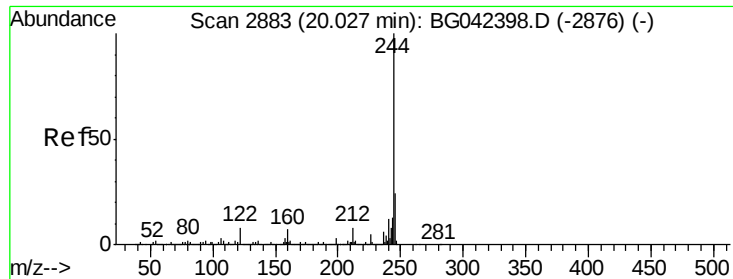
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	4.5	6.7#
80	7.6	4.9	7.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG042437.D
Acq: 23 Aug 2019 17:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	5.7	8.5#
236	27.5	21.0	31.4





#79

Terphenyl-d14

Concen: 87.536 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG042437.D

Acq: 23 Aug 2019 17:30

Instrument :

BNA_G

ClientSampleId :

NB-08-082019

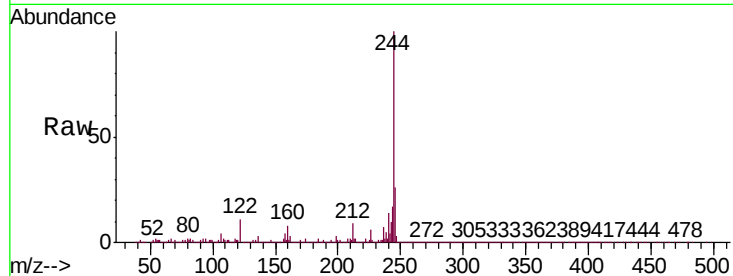
Tot Ion:244 Resp: 1939144

Ion Ratio Lower Upper

244 100

212 9.2 6.0 9.0#

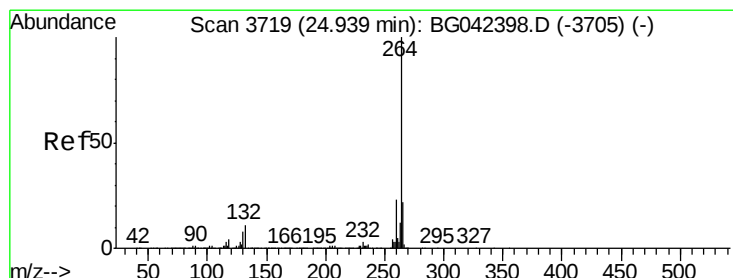
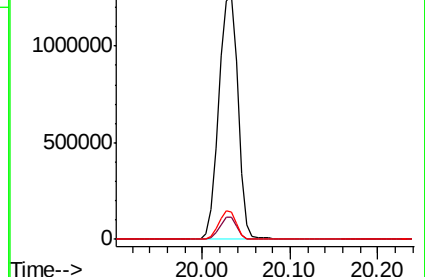
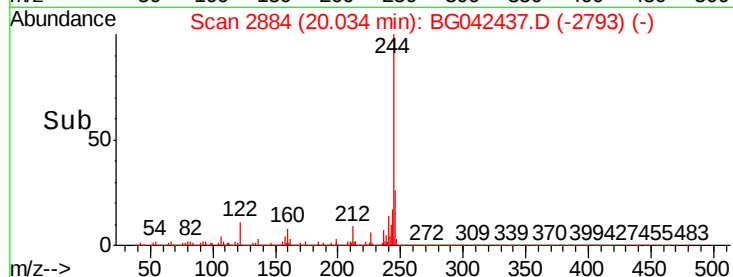
122 11.1 6.7 10.1#



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: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042437.D

Acq: 23 Aug 2019 17:30

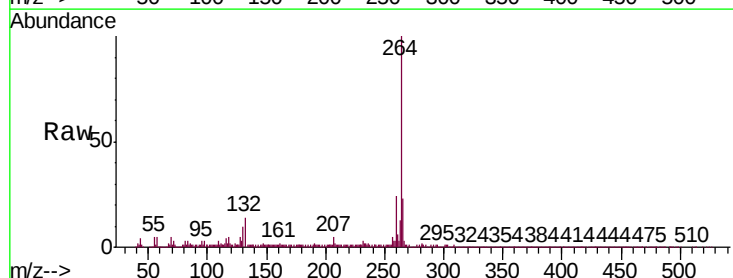
Tgt Ion:264 Resp: 588893

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 22.7 17.6 26.4



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

