

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042610.D
 Acq On : 30 Aug 2019 21:16
 Operator : HP/JU
 Sample : K4409-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-9.0-9.5-081919

Quant Time: Aug 30 23:58:35 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

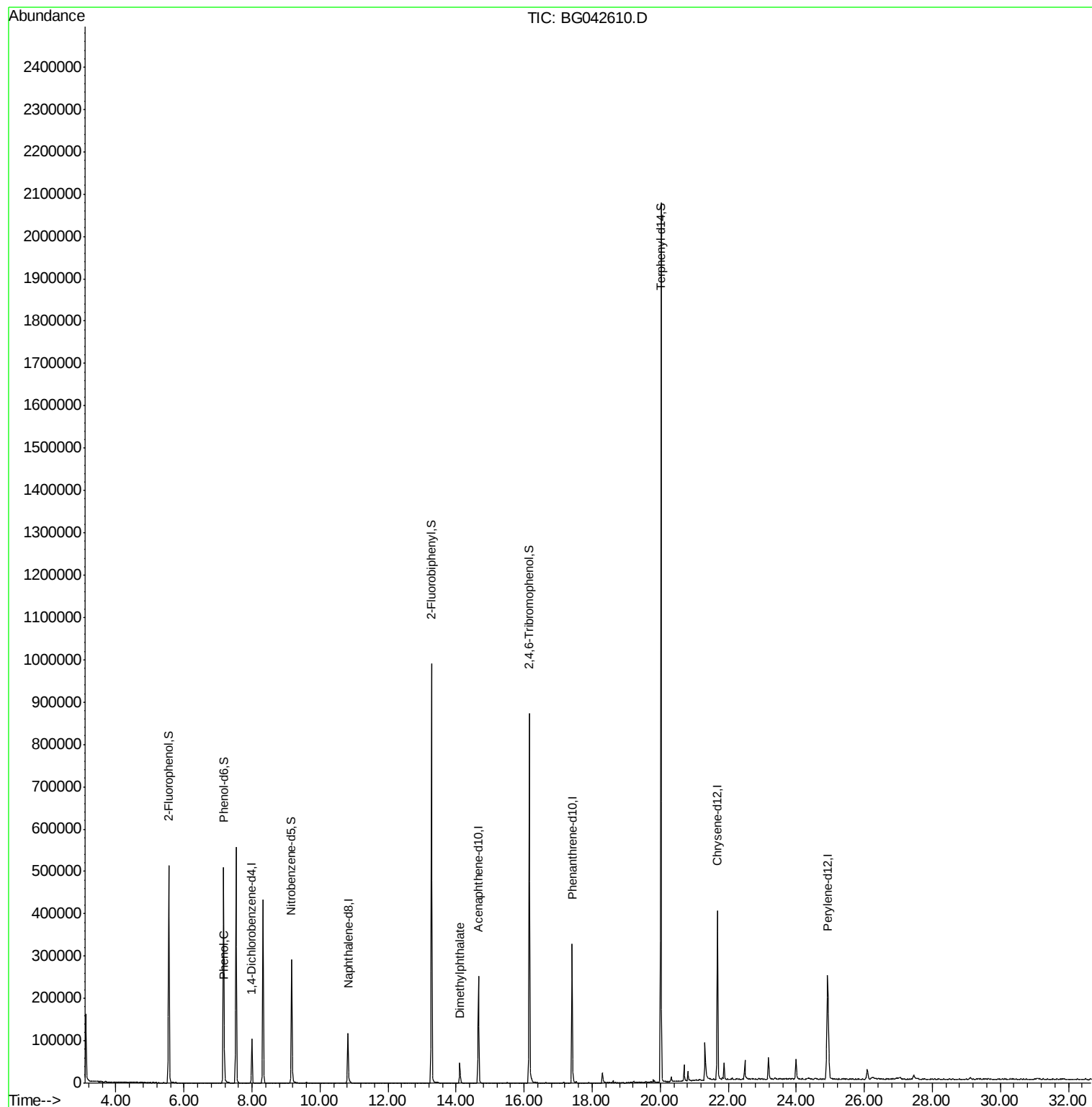
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	35082	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	134248	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	102462	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	248469	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	261832	20.00	ng	-0.01
87) Perylene-d12	24.92	264	308143	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	254958	147.19	ng	0.00
7) Phenol-d6	7.16	99	339223	144.98	ng	0.00
23) Nitrobenzene-d5	9.16	82	192234	98.95	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	225922	155.13	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	598091	98.72	ng	0.00
79) Terphenyl-d14	20.02	244	1068788	88.25	ng	0.00
Target Compounds						
10) Phenol	7.19	94	23174	9.741	ng	81
50) Dimethylphthalate	14.11	163	50507	6.832	ng	98

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

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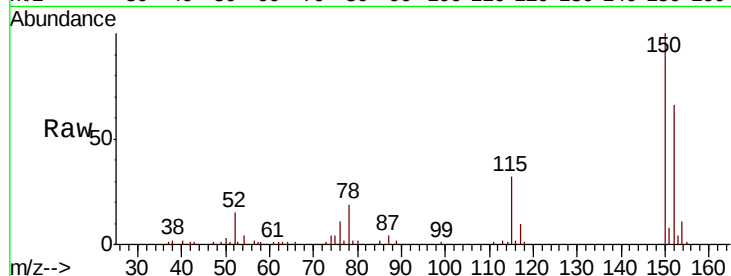


#1

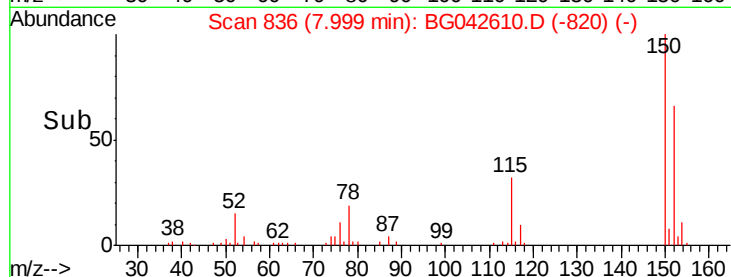
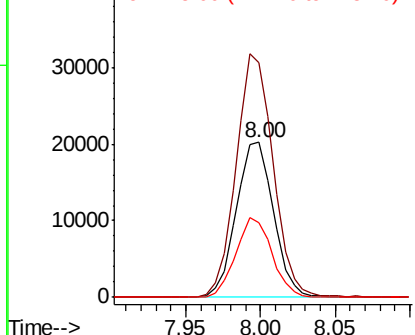
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042610.D
Acq: 30 Aug 2019 21:16

Instrument :
BNA_G
ClientSampleId :
S301-S-9.0-9.5-081919

Tot Ion:152 Resp: 35082
Ion Ratio Lower Upper
152 100
150 151.8 125.4 188.0
115 48.2 38.5 57.7



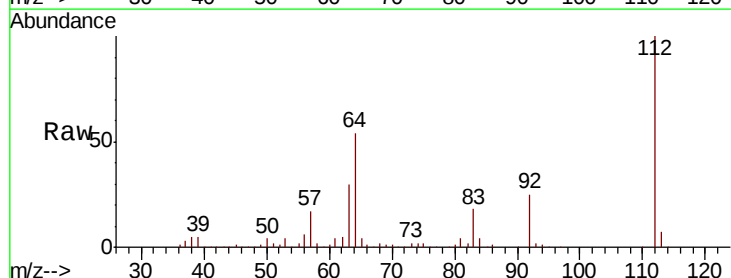
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



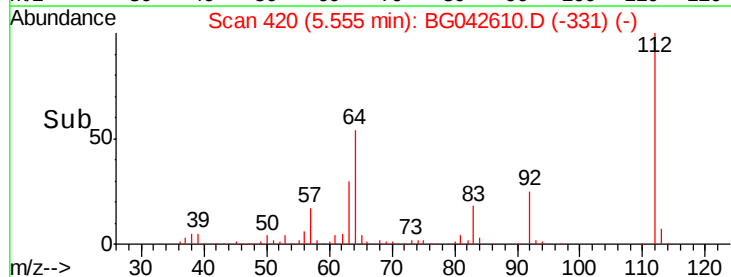
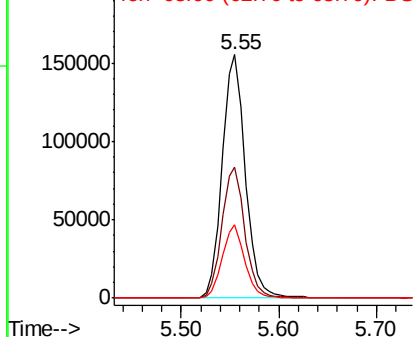
#5

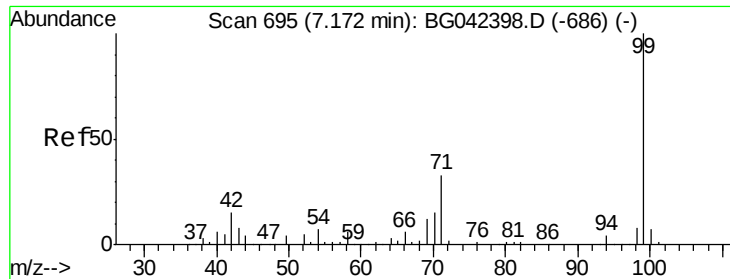
2-Fluorophenol
Concen: 147.188 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042610.D
Acq: 30 Aug 2019 21:16

Tgt Ion:112 Resp: 254958
Ion Ratio Lower Upper
112 100
64 53.9 42.8 64.2
63 30.2 22.7 34.1



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: 144.979 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042610.D

Acq: 30 Aug 2019 21:16

Instrument :

BNA_G

ClientSampleId :

S301-S-9.0-9.5-081919

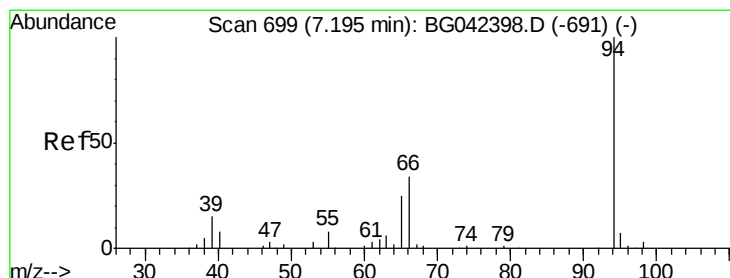
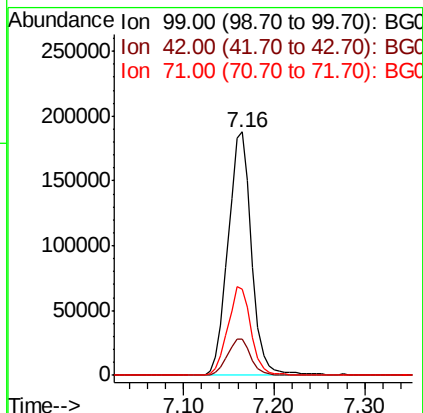
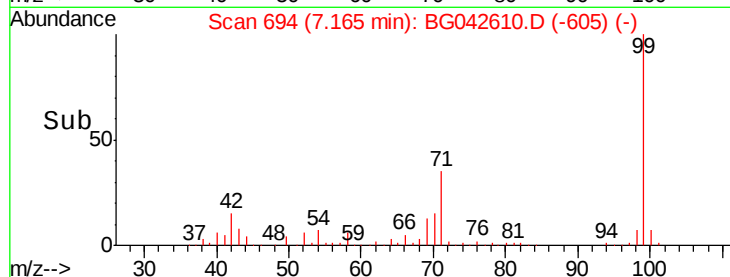
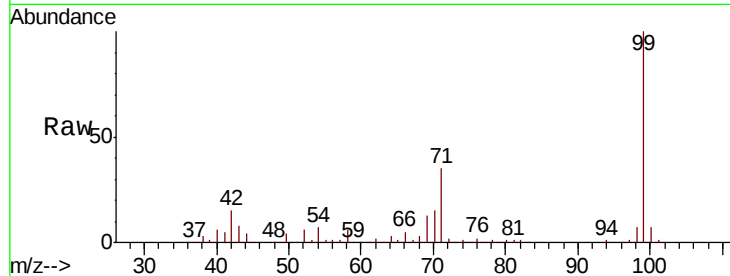
Tot Ion: 99 Resp: 339223

Ion Ratio Lower Upper

99 100

42 14.8 12.0 18.0

71 35.4 26.3 39.5



#10

Phenol

Concen: 9.741 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042610.D

Acq: 30 Aug 2019 21:16

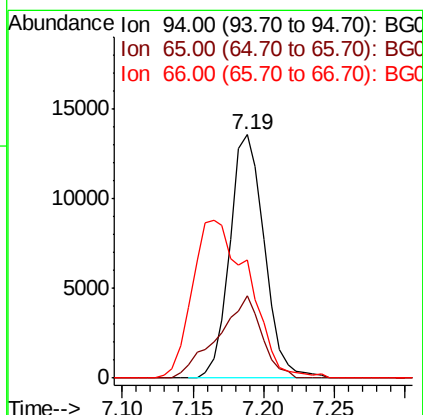
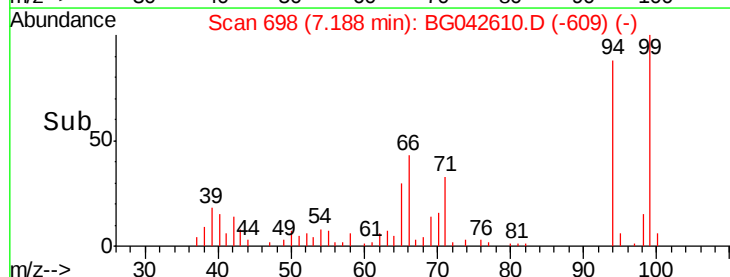
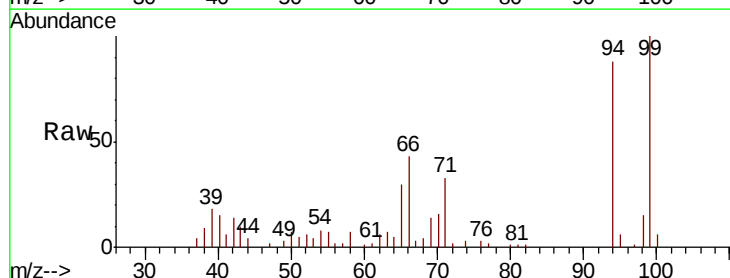
Tgt Ion: 94 Resp: 23174

Ion Ratio Lower Upper

94 100

65 33.6 5.6 45.6

66 48.7 16.0 56.0

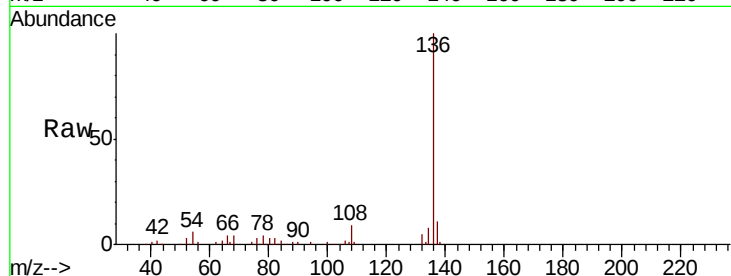




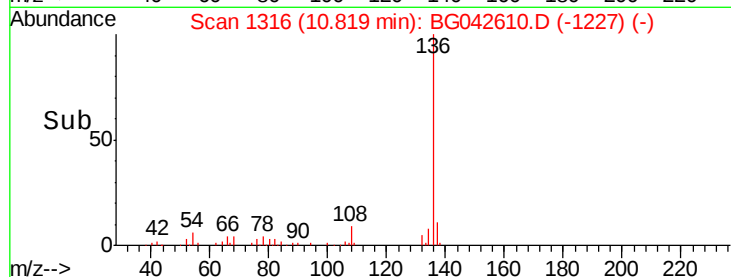
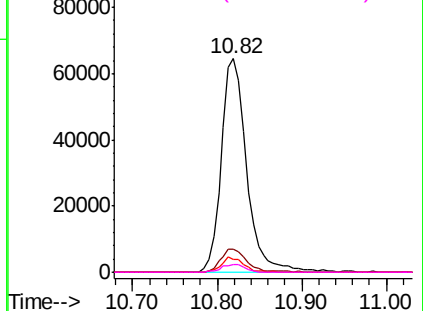
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042610.D
Acq: 30 Aug 2019 21:16

Instrument :
BNA_G
ClientSampleId :
S301-S-9.0-9.5-081919

Tot Ion:136	Resp:	134248
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.7	13.1
54 5.9	4.9	7.3
68 3.9	3.6	5.4

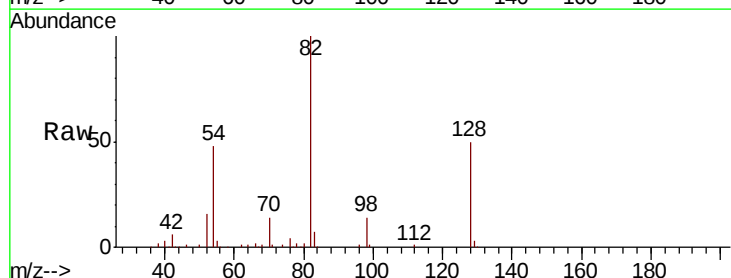


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

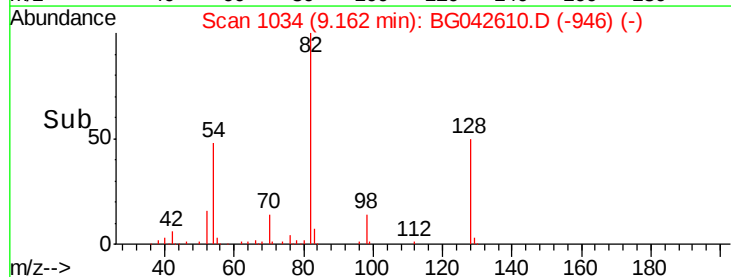
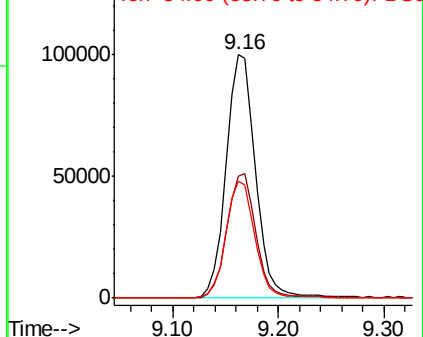


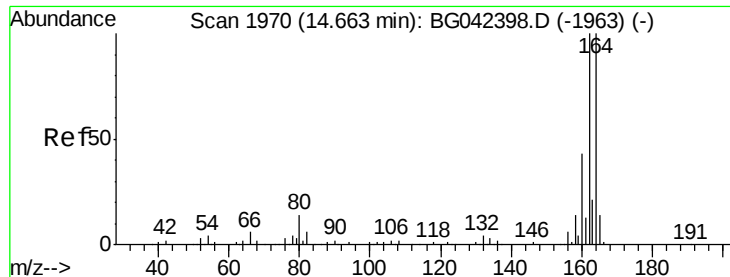
#23
Nitrobenzene-d5
Concen: 98.952 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042610.D
Acq: 30 Aug 2019 21:16

Tgt Ion: 82	Resp: 192234
Ion Ratio	Lower Upper
82 100	
128 50.3	40.7 61.1
54 48.1	36.3 54.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042610.D

Acq: 30 Aug 2019 21:16

Instrument :

BNA_G

ClientSampleId :

S301-S-9.0-9.5-081919

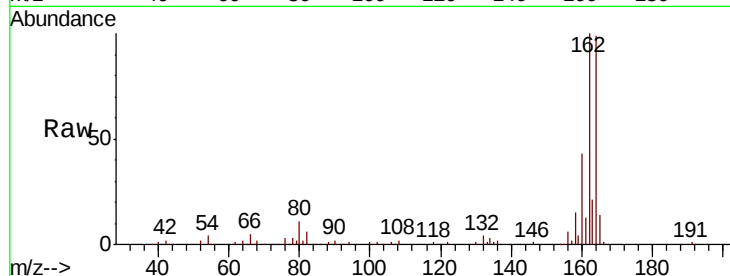
Tot Ion:164 Resp: 102462

Ion Ratio Lower Upper

164 100

162 100.8 79.9 119.9

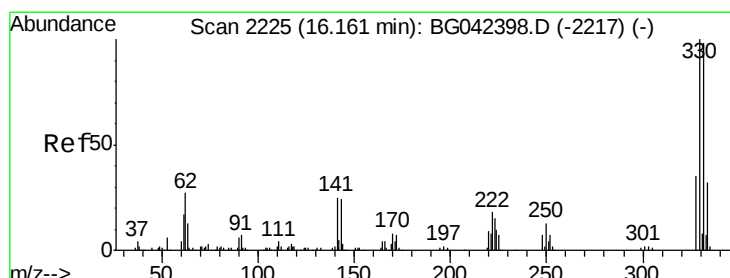
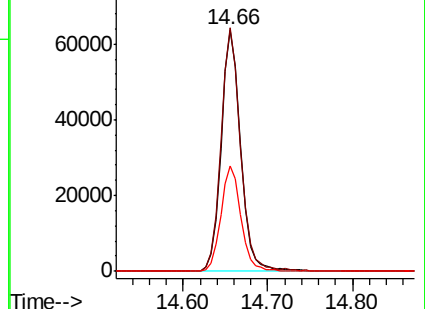
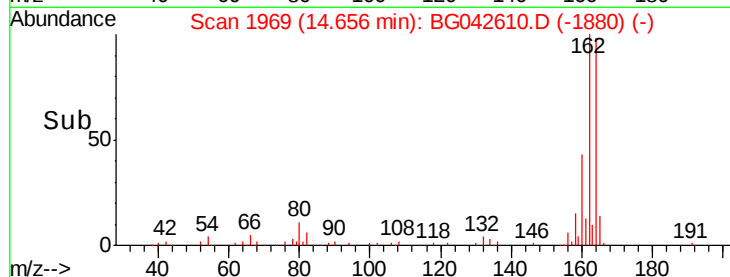
160 43.4 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 155.131 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042610.D

Acq: 30 Aug 2019 21:16

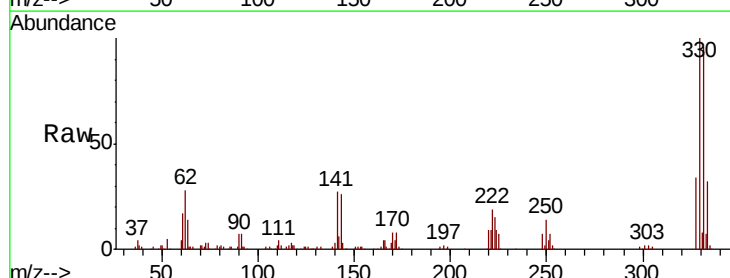
Tgt Ion:330 Resp: 225922

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.0

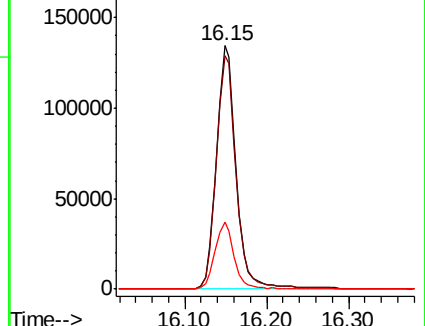
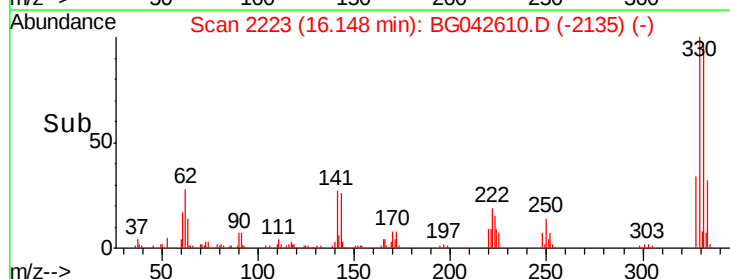
141 27.0 21.4 32.0

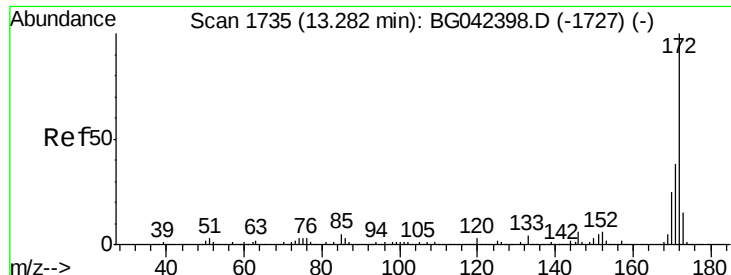


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

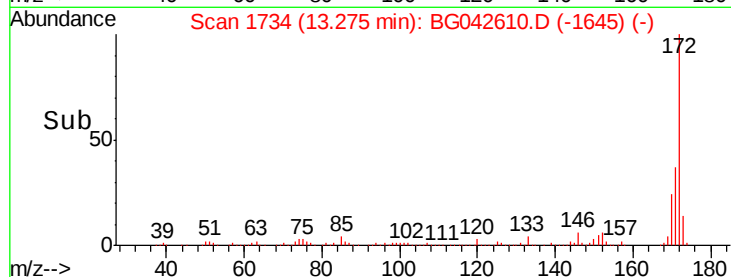
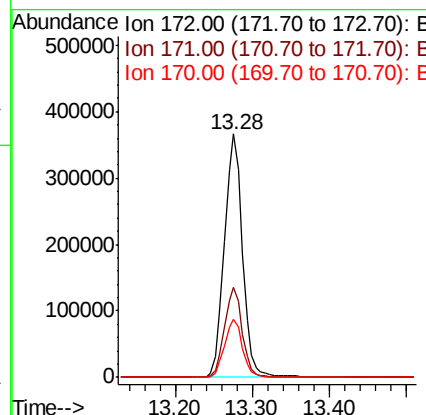
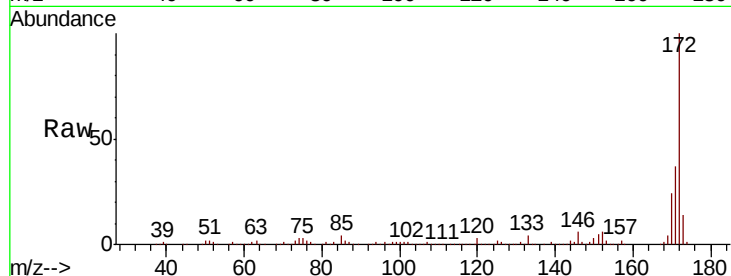




#45
 2-Fluorobiphenyl
 Concen: 98.724 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042610.D
 Acq: 30 Aug 2019 21:16

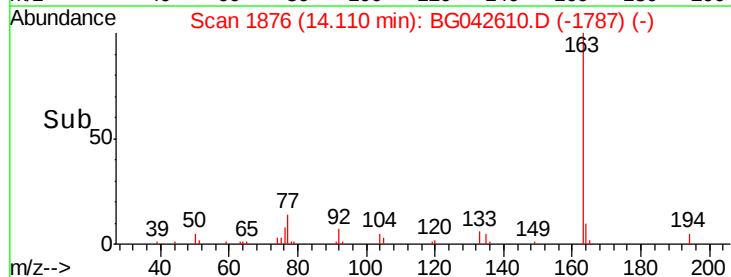
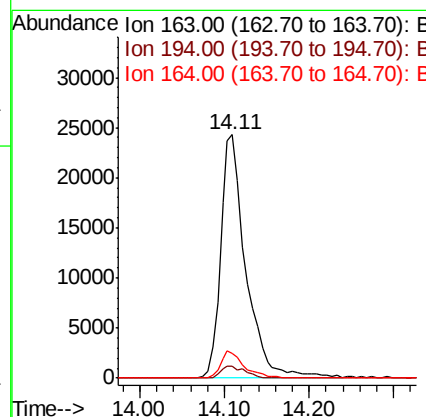
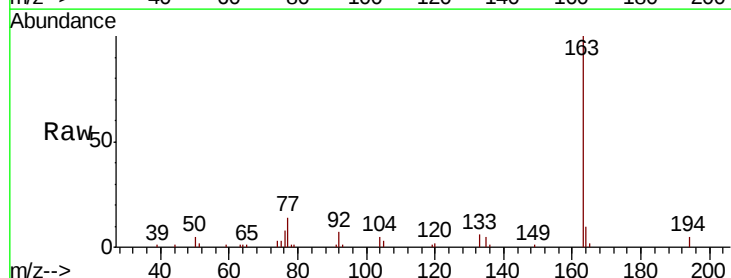
Instrument :
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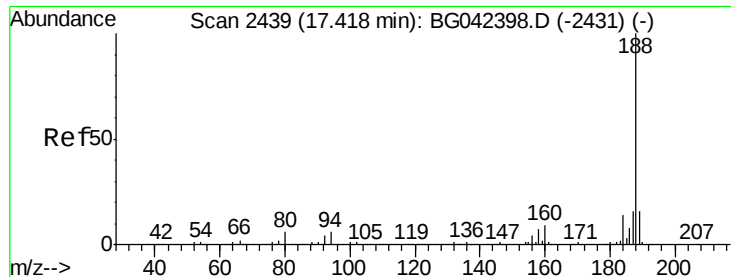
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.1	20.2	30.2



#50
 Dimethylphthalate
 Concen: 6.832 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG042610.D
 Acq: 30 Aug 2019 21:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	10.3	8.8	13.2

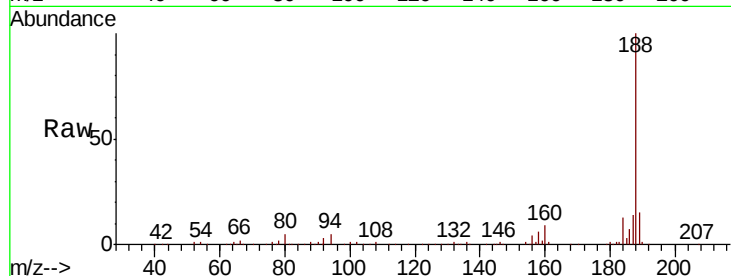




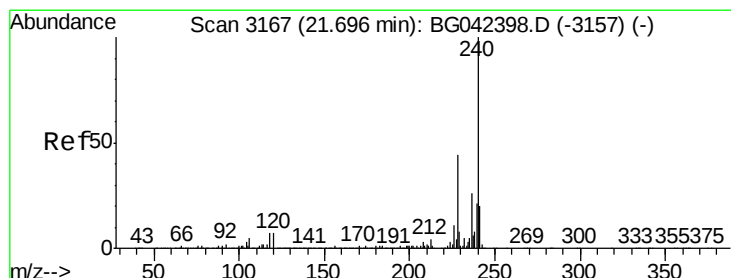
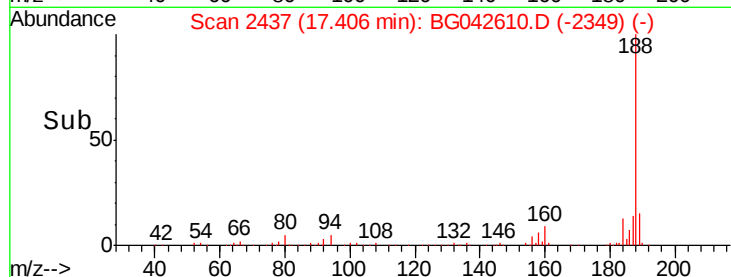
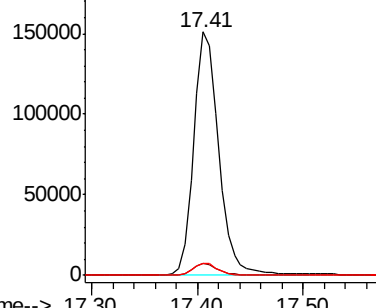
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042610.D
Acq: 30 Aug 2019 21:16

Instrument :
BNA_G
ClientSampleId :
S301-S-9.0-9.5-081919

Tot Ion	Ratio	Lower	Upper
188	100		
94	4.7	4.5	6.7
80	5.1	4.9	7.3

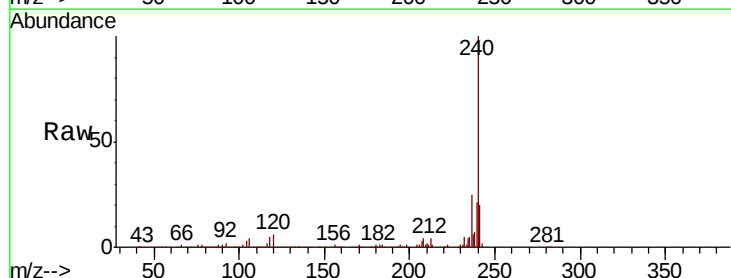


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

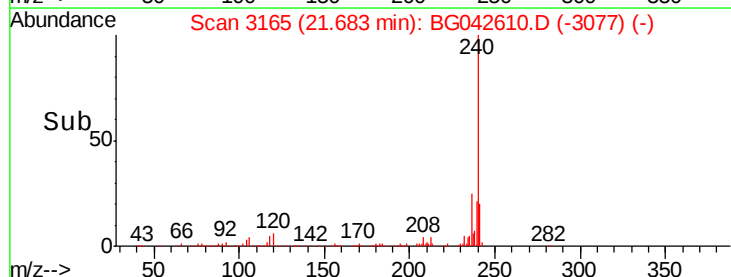
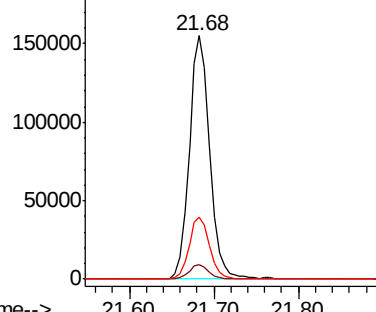


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042610.D
Acq: 30 Aug 2019 21:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.7	8.5
236	25.2	21.0	31.4



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: 88.249 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042610.D

Acq: 30 Aug 2019 21:16

Instrument :

BNA_G

ClientSampleId :

S301-S-9.0-9.5-081919

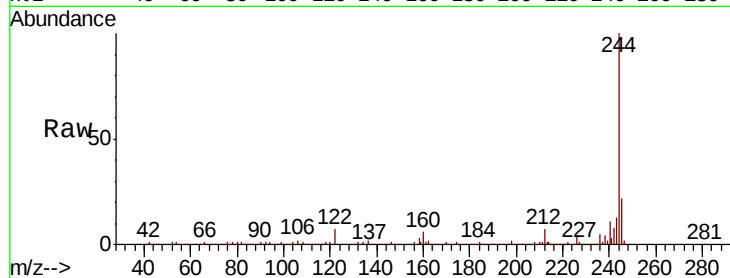
Tot Ion:244 Resp: 1068788

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

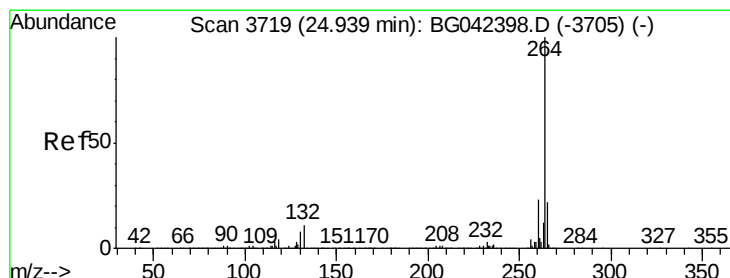
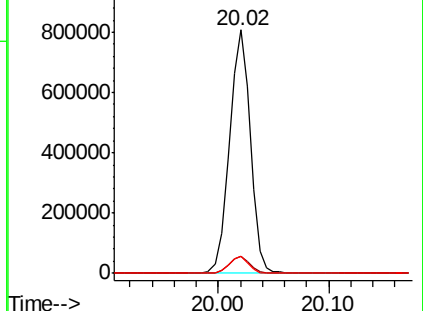
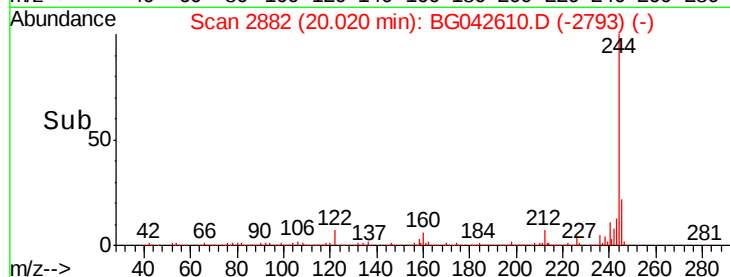
122 6.9 6.7 10.1



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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042610.D

Acq: 30 Aug 2019 21:16

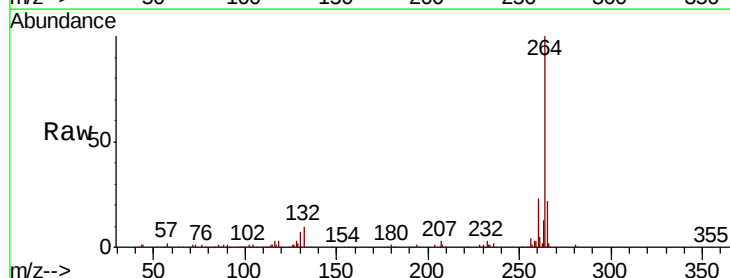
Tgt Ion:264 Resp: 308143

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.9 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

