

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042730.D
 Acq On : 5 Sep 2019 21:19
 Operator : HP/JU
 Sample : K4409-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S300-J-2.0-2.5-081919

Quant Time: Sep 06 07:22:55 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

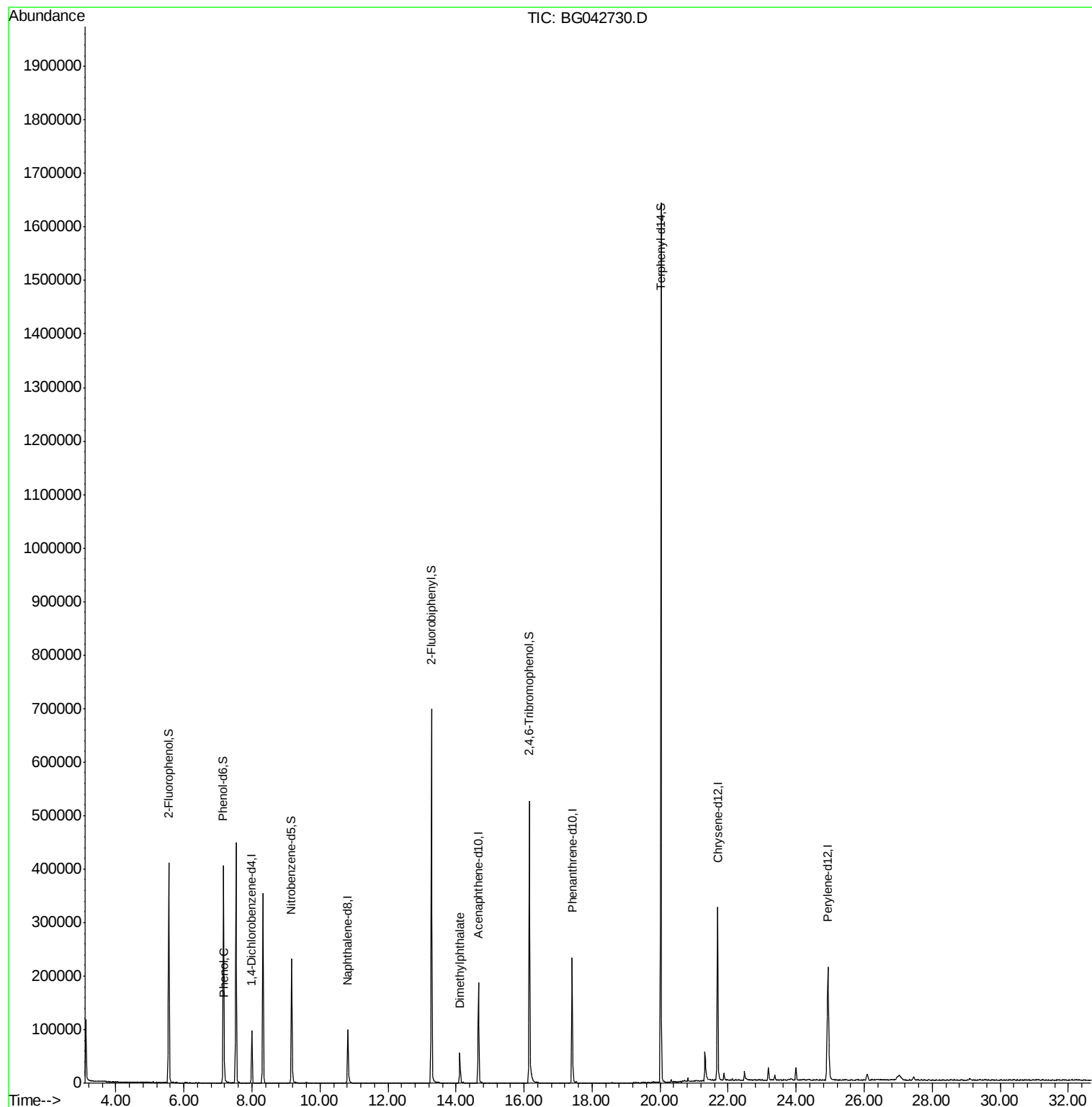
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	32254	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	117757	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	84024	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	195948	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	237845	20.00	ng	0.00
87) Perylene-d12	24.93	264	278205	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	214001	134.38	ng	0.00
7) Phenol-d6	7.16	99	272430	126.64	ng	-0.01
23) Nitrobenzene-d5	9.16	82	155045	90.99	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	164552	137.79	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	460033	92.60	ng	0.00
79) Terphenyl-d14	20.02	244	878895	79.89	ng	0.00
Target Compounds						
10) Phenol	7.19	94	5850	2.675	ng	Qvalue # 70
50) Dimethylphthalate	14.11	163	62541	10.316	ng	98

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

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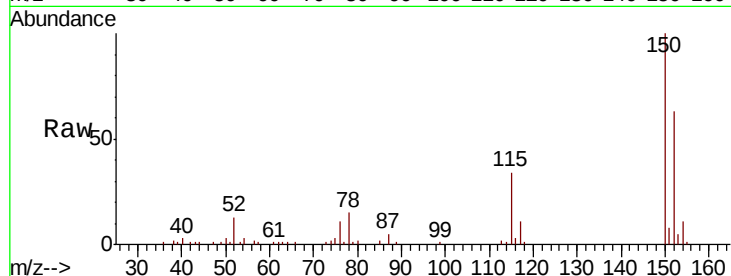


#1

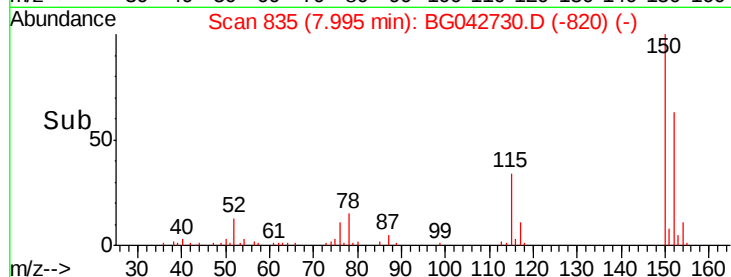
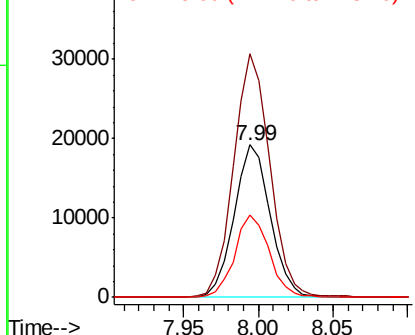
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Instrument :
BNA_G
ClientSampleId :
S300-J-2.0-2.5-081919

Tot Ion:152 Resp: 32254
Ion Ratio Lower Upper
152 100
150 159.6 125.4 188.0
115 53.6 38.5 57.7



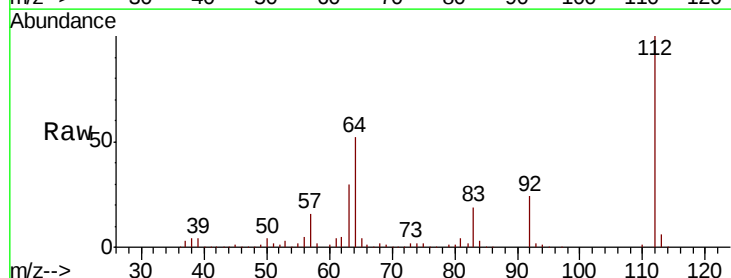
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



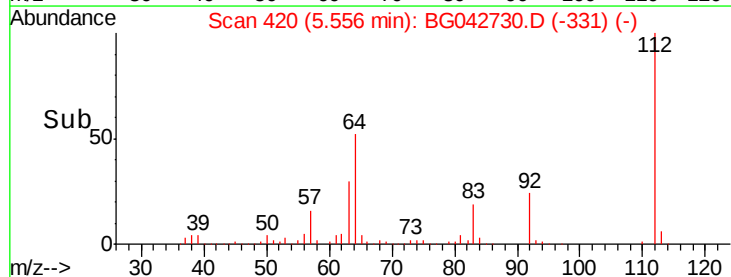
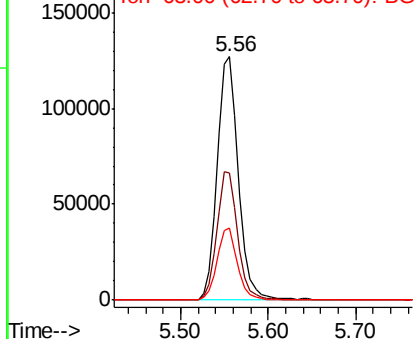
#5

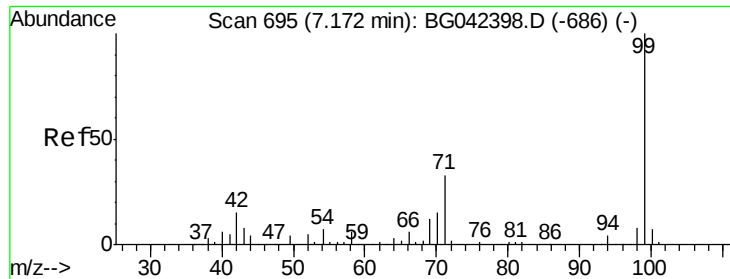
2-Fluorophenol
Concen: 134.375 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion:112 Resp: 214001
Ion Ratio Lower Upper
112 100
64 52.0 42.8 64.2
63 29.5 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: 126.642 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042730.D

Acq: 5 Sep 2019 21:19

Instrument :

BNA_G

ClientSampleId :

S300-J-2.0-2.5-081919

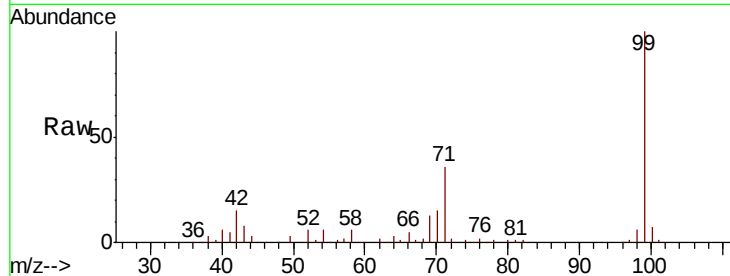
Tot Ion: 99 Resp: 272430

Ion Ratio Lower Upper

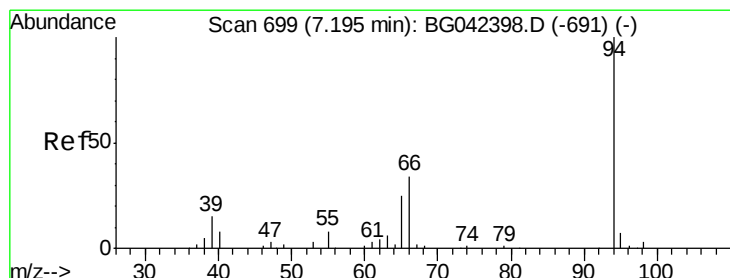
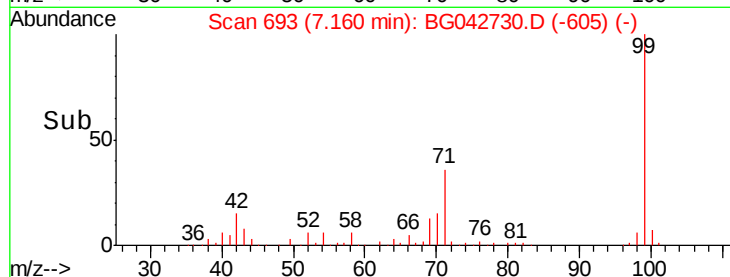
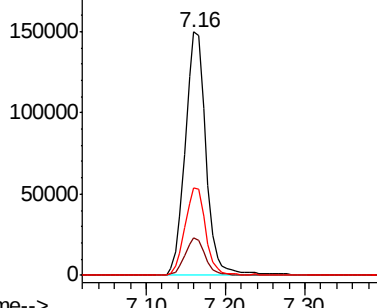
99 100

42 15.3 12.0 18.0

71 36.0 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



#10

Phenol

Concen: 2.675 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042730.D

Acq: 5 Sep 2019 21:19

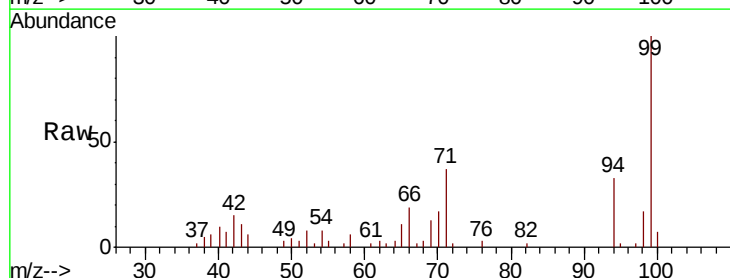
Tgt Ion: 94 Resp: 5850

Ion Ratio Lower Upper

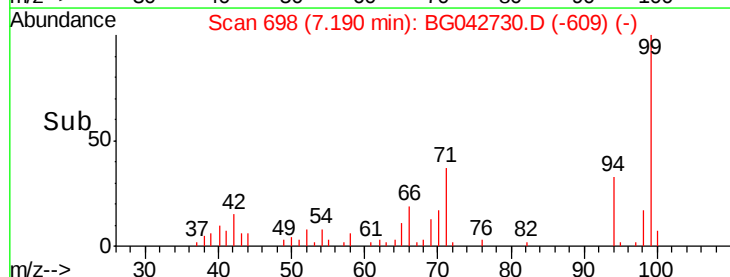
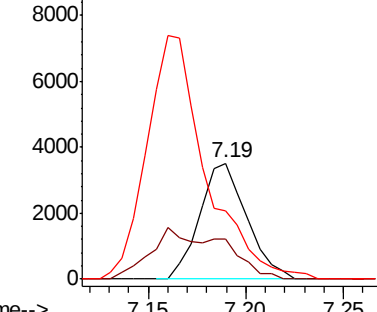
94 100

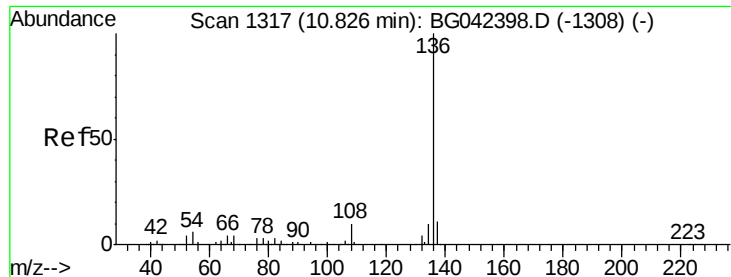
65 34.7 5.6 45.6

66 58.5 16.0 56.0#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

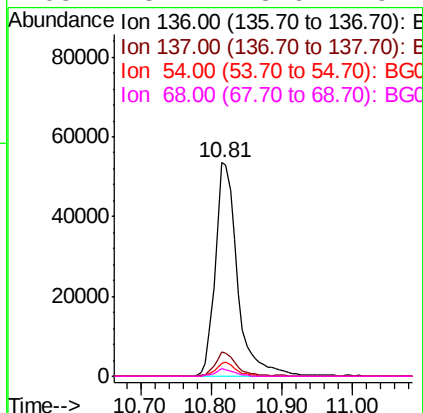
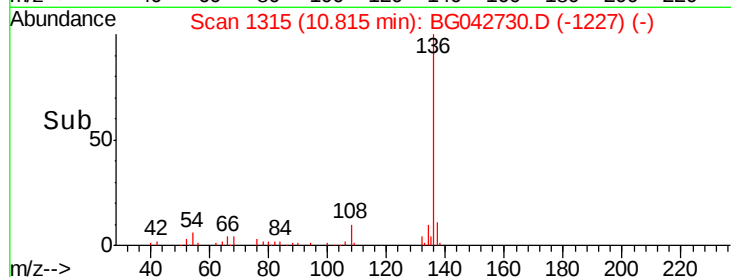
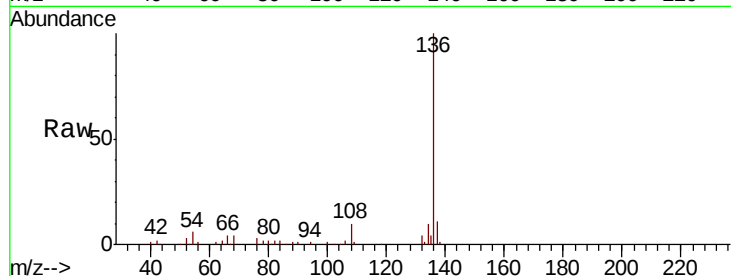




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

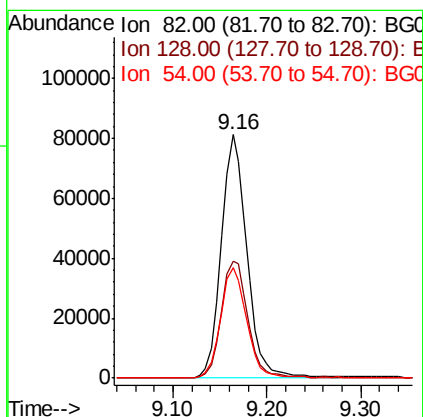
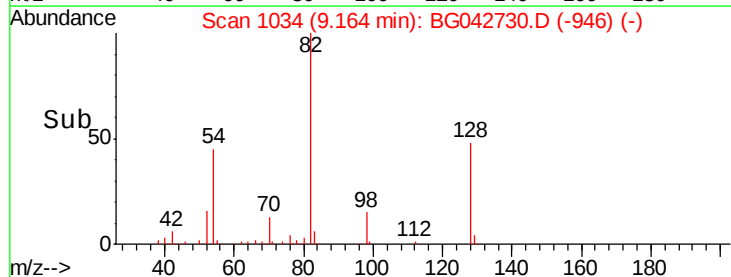
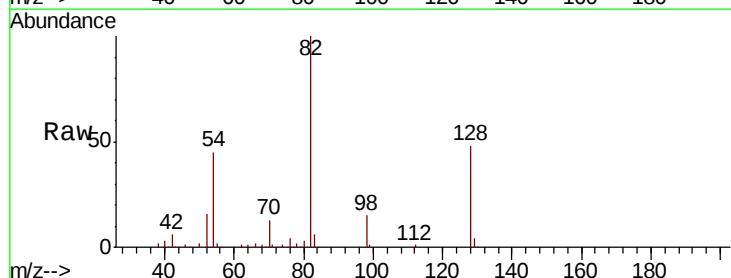
Instrument :
BNA_G
ClientSampleId :
S300-J-2.0-2.5-081919

Tot Ion:136	Resp:	117757
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.7	13.1
54 6.0	4.9	7.3
68 3.7	3.6	5.4



#23
Nitrobenzene-d5
Concen: 90.986 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion: 82	Resp: 155045
Ion Ratio	Lower Upper
82 100	
128 48.1	40.7 61.1
54 45.5	36.3 54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042730.D

Acq: 5 Sep 2019 21:19

Instrument :

BNA_G

ClientSampleId :

S300-J-2.0-2.5-081919

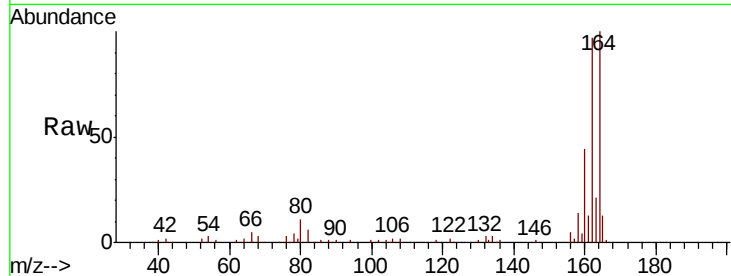
Tot Ion:164 Resp: 84024

Ion Ratio Lower Upper

164 100

162 97.5 79.9 119.9

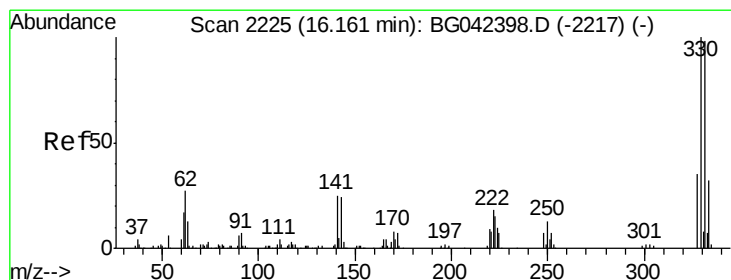
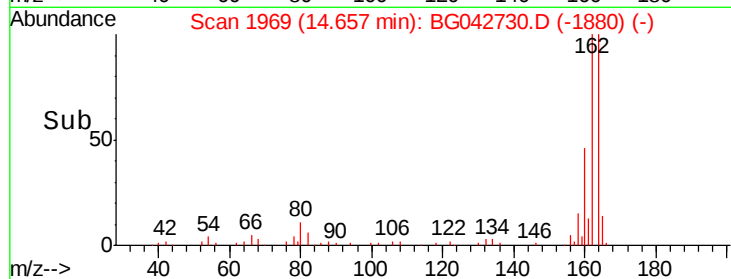
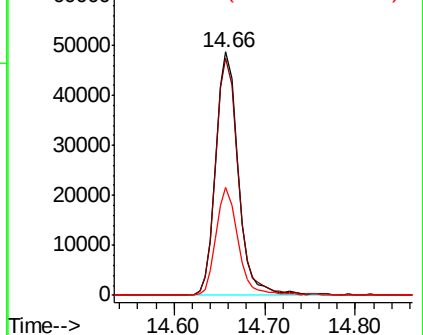
160 44.4 34.3 51.5



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: 137.785 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042730.D

Acq: 5 Sep 2019 21:19

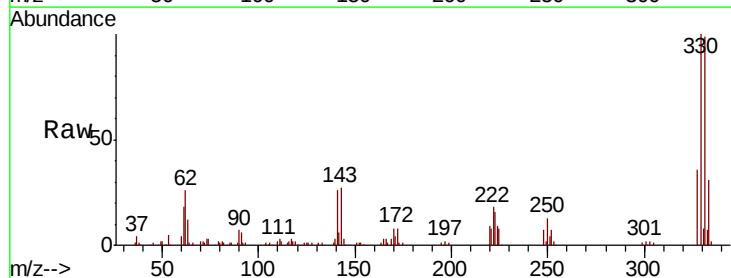
Tgt Ion:330 Resp: 164552

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.0

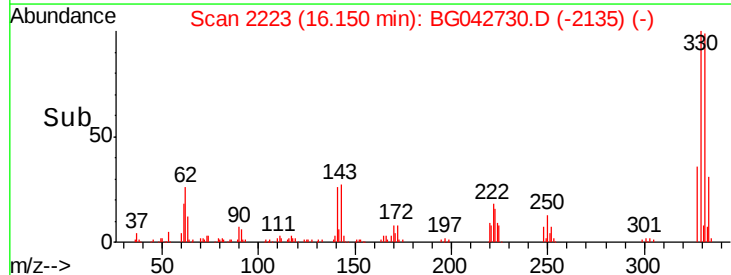
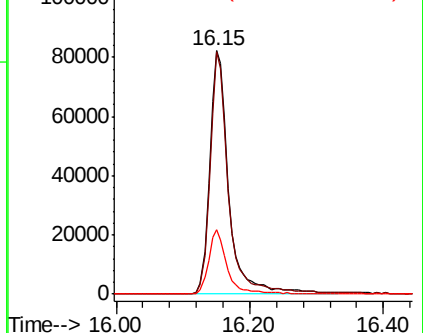
141 25.7 21.4 32.0

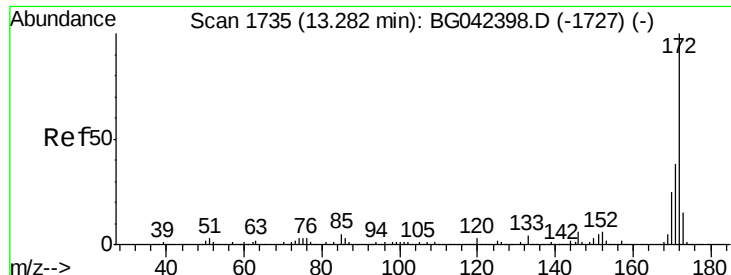


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

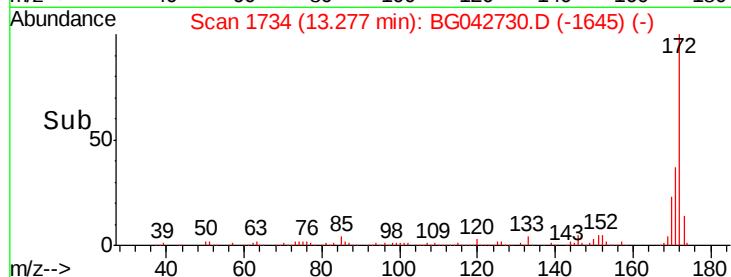
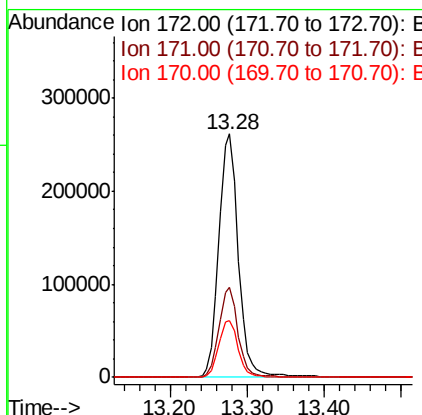
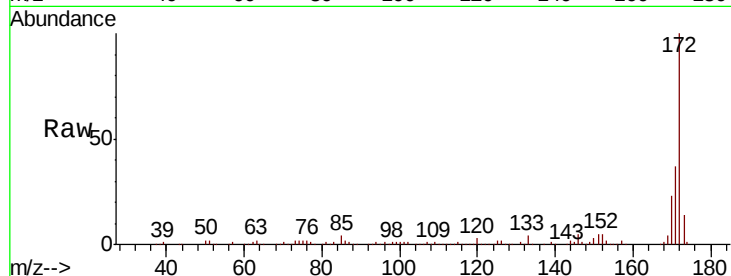




#45
2-Fluorobiphenyl
Concen: 92.598 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

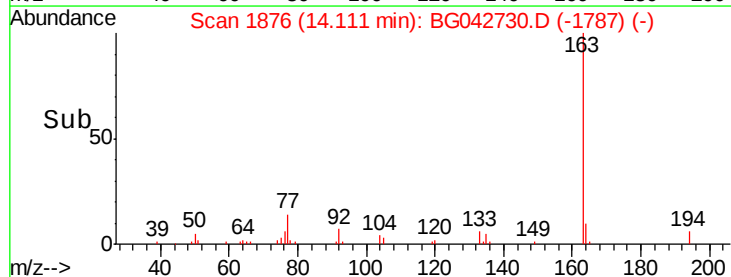
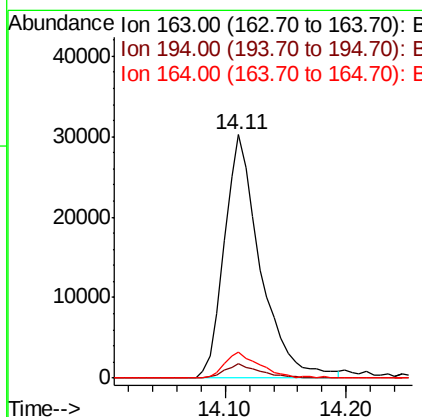
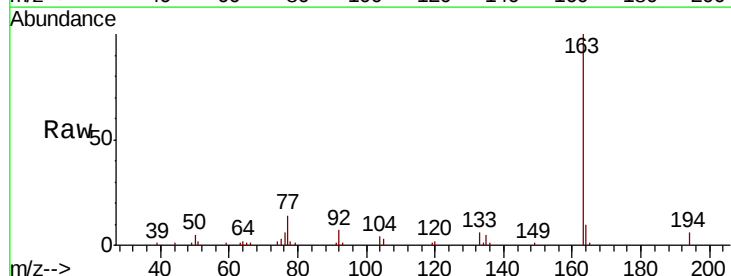
Instrument :
BNA_G
ClientSampleId :
S300-J-2.0-2.5-081919

Tot Ion:172 Resp: 460033
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 23.5 20.2 30.2



#50
Dimethylphthalate
Concen: 10.316 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion:163 Resp: 62541
Ion Ratio Lower Upper
163 100
194 5.8 4.2 6.2
164 10.5 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: BG042730.D

Acq: 5 Sep 2019 21:19

Instrument :

BNA_G

ClientSampleId :

S300-J-2.0-2.5-081919

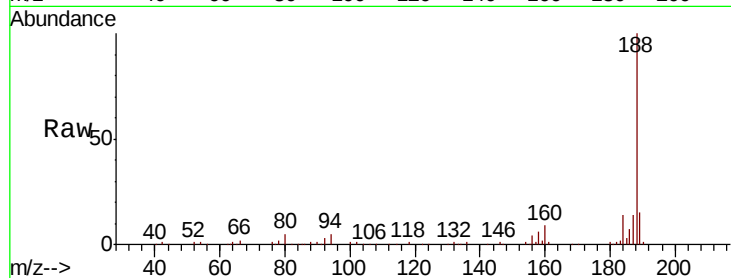
Tot Ion:188 Resp: 195948

Ion Ratio Lower Upper

188 100

94 4.6 4.5 6.7

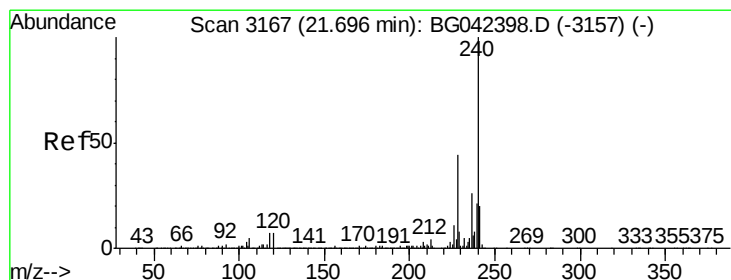
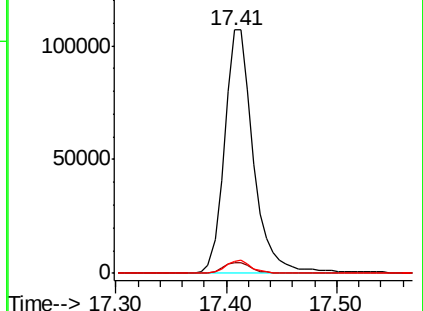
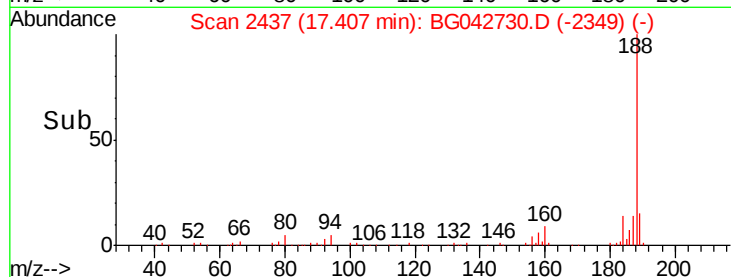
80 5.0 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042730.D

Acq: 5 Sep 2019 21:19

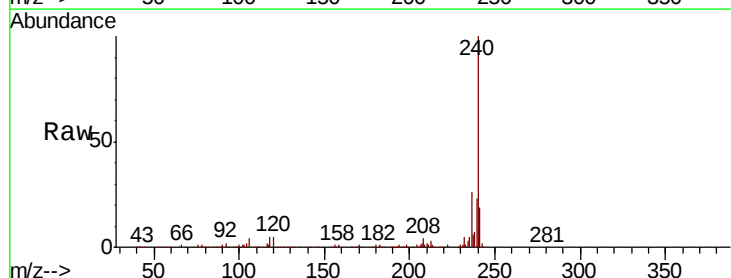
Tgt Ion:240 Resp: 237845

Ion Ratio Lower Upper

240 100

120 5.0 5.7 8.5#

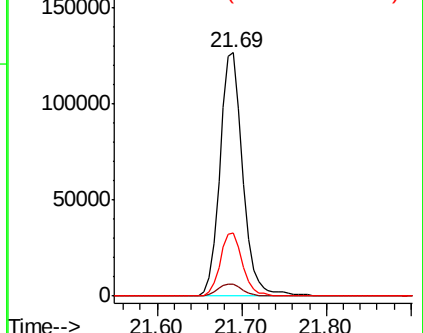
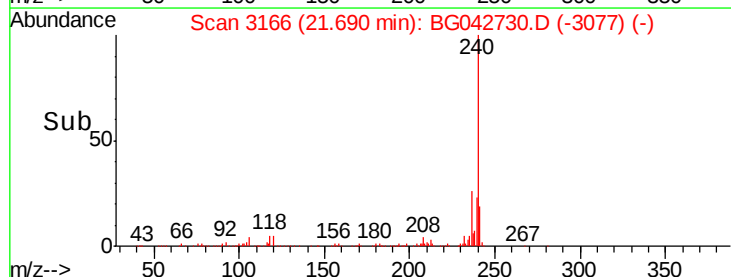
236 25.7 21.0 31.4



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: 79.888 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042730.D

Acq: 5 Sep 2019 21:19

Instrument :

BNA_G

ClientSampleId :

S300-J-2.0-2.5-081919

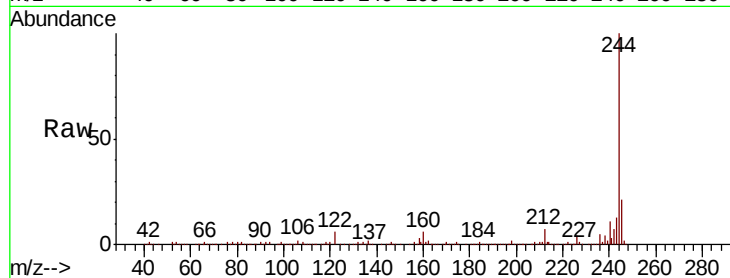
Tot Ion:244 Resp: 878895

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

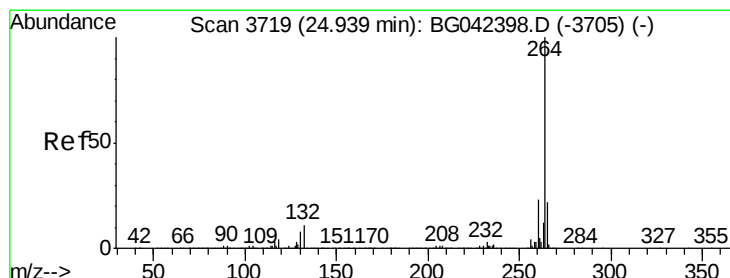
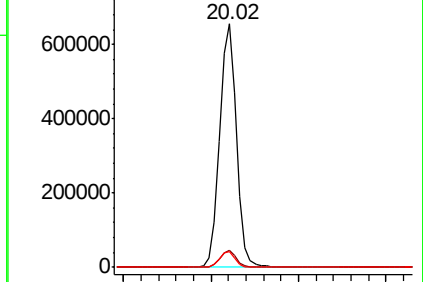
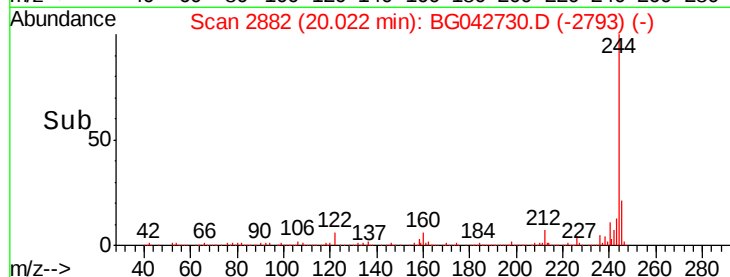
122 6.3 6.7 10.1#



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: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042730.D

Acq: 5 Sep 2019 21:19

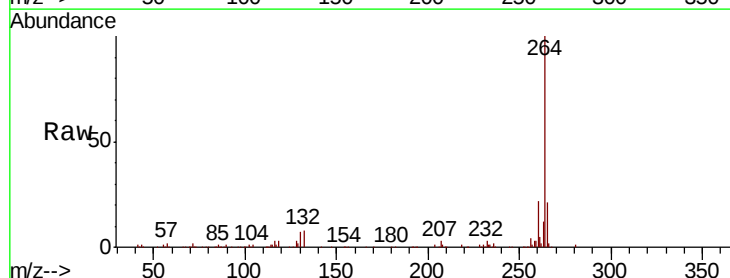
Tgt Ion:264 Resp: 278205

Ion Ratio Lower Upper

264 100

260 21.8 18.5 27.7

265 21.3 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

