

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042733.D
 Acq On : 5 Sep 2019 23:13
 Operator : HP/JU
 Sample : K4683-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190664-LOCATION-2

Quant Time: Sep 06 07:35:06 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

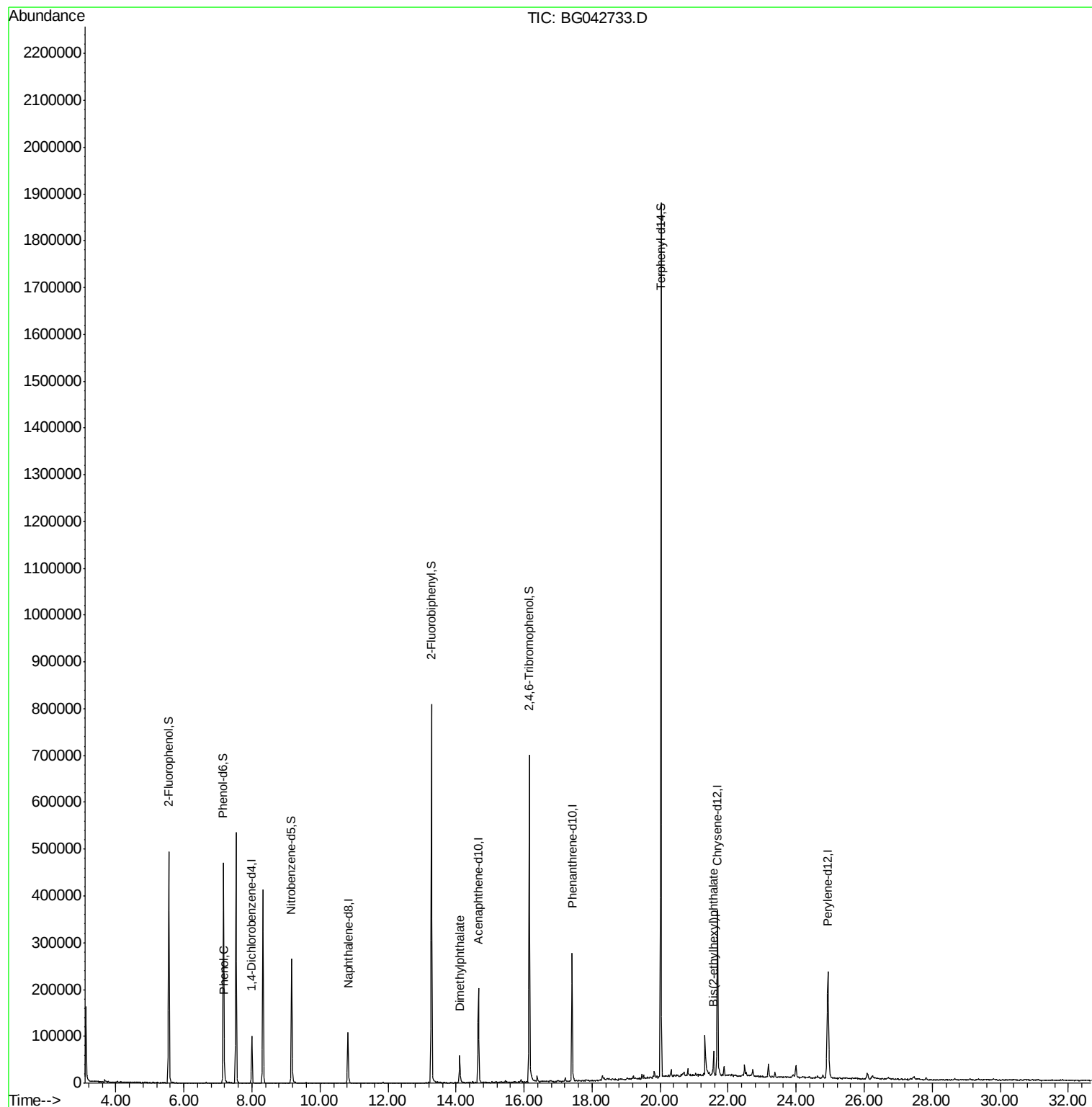
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	33721	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	121816	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	86063	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	201297	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	238734	20.00	ng	-0.01
87) Perylene-d12	24.93	264	281670	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	244285	146.72	ng	0.00
7) Phenol-d6	7.16	99	316248	140.62	ng	-0.01
23) Nitrobenzene-d5	9.16	82	173288	98.30	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	196998	161.05	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	525978	103.36	ng	0.00
79) Terphenyl-d14	20.02	244	1000543	90.61	ng	0.00
Target Compounds						
10) Phenol	7.19	94	7192	3.145	ng	Qvalue # 71
50) Dimethylphthalate	14.11	163	53657	8.641	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	26560	3.323	ng	96

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

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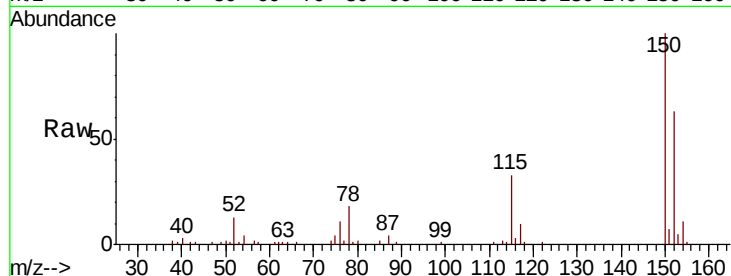




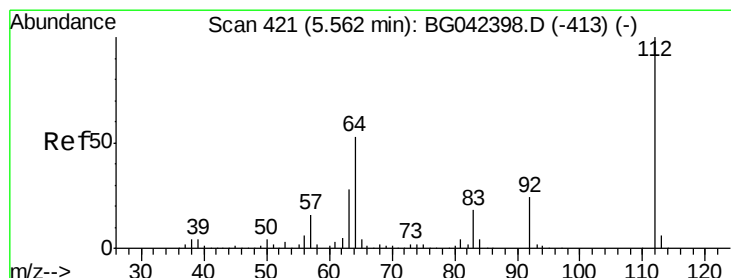
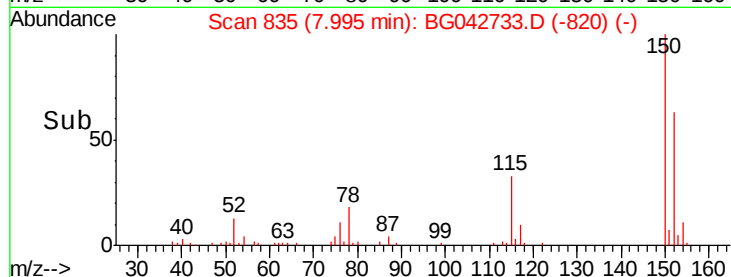
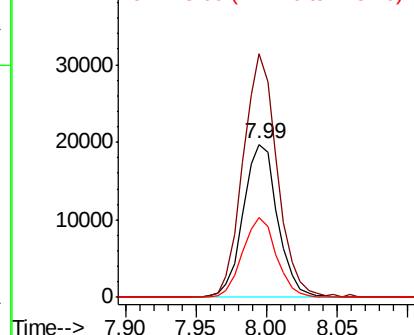
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042733.D
 Acq: 5 Sep 2019 23:13

Instrument :
 BNA_G
 ClientSampleId :
 20190664-LOCATION-2

Tot Ion:152 Resp: 33721
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.4 188.0
 115 51.7 38.5 57.7

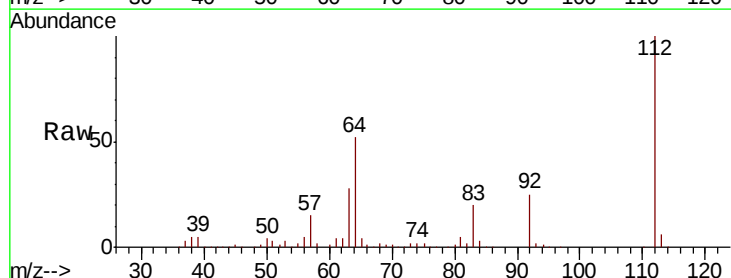


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

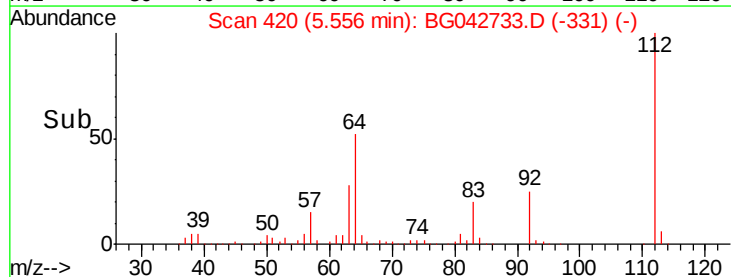
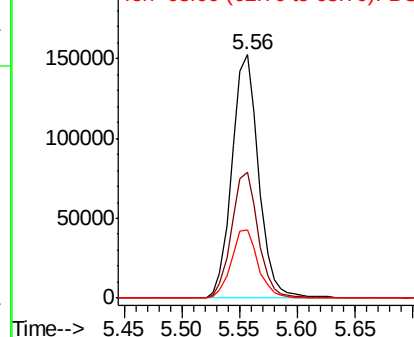


#5
 2-Fluorophenol
 Concen: 146.718 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042733.D
 Acq: 5 Sep 2019 23:13

Tgt Ion:112 Resp: 244285
 Ion Ratio Lower Upper
 112 100
 64 51.7 42.8 64.2
 63 28.1 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: 140.615 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042733.D

Acq: 5 Sep 2019 23:13

Instrument :

BNA_G

ClientSampleId :

20190664-LOCATION-2

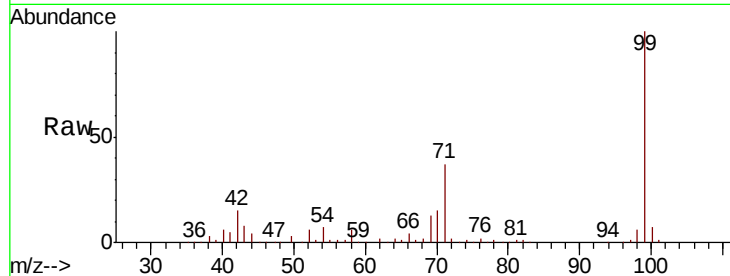
Tot Ion: 99 Resp: 316248

Ion Ratio Lower Upper

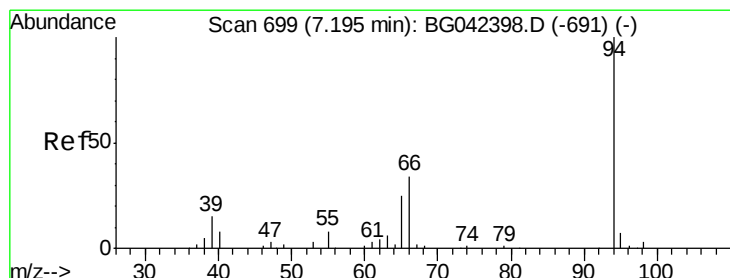
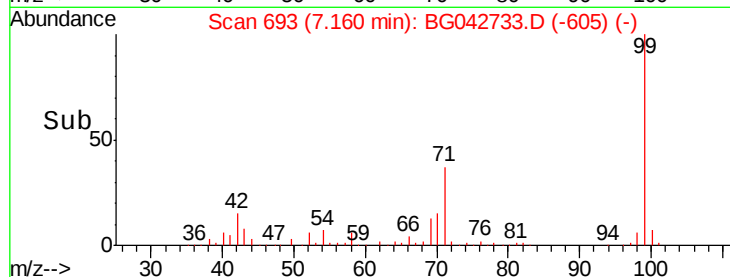
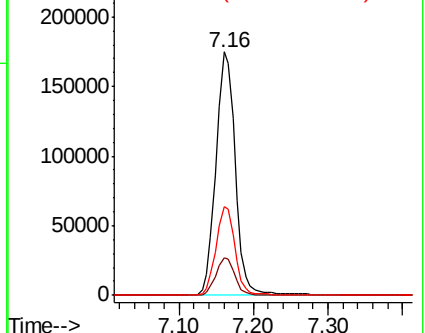
99 100

42 15.5 12.0 18.0

71 36.5 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: 3.145 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042733.D

Acq: 5 Sep 2019 23:13

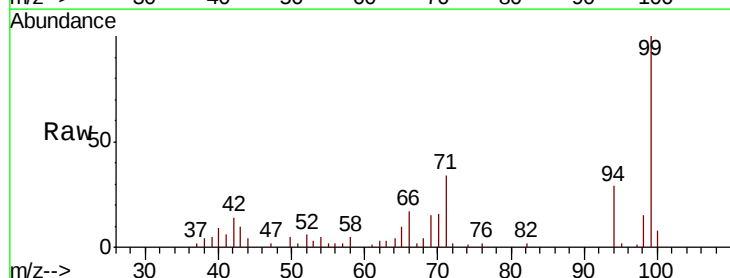
Tgt Ion: 94 Resp: 7192

Ion Ratio Lower Upper

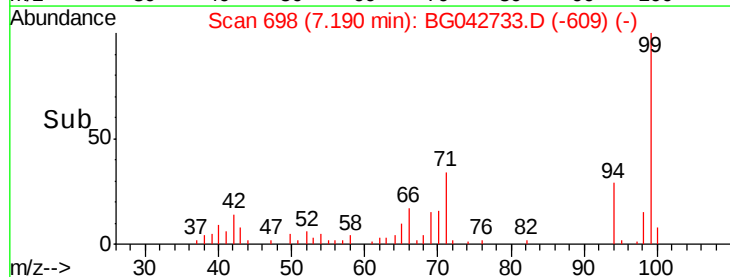
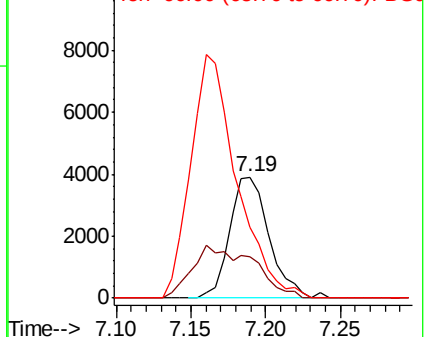
94 100

65 34.3 5.6 45.6

66 58.0 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

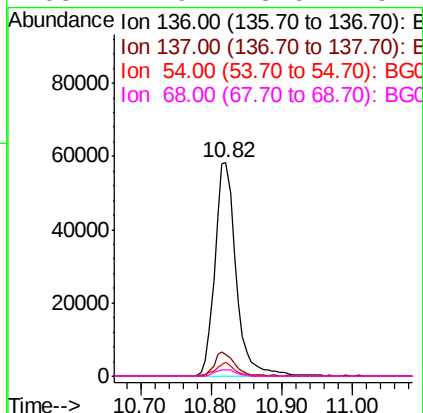
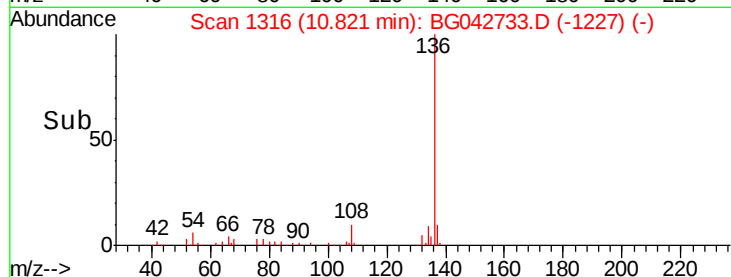
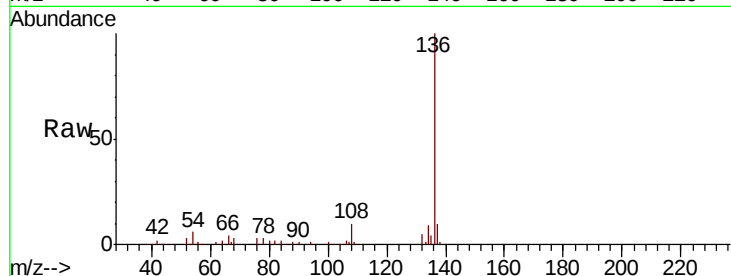




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042733.D
Acq: 5 Sep 2019 23:13

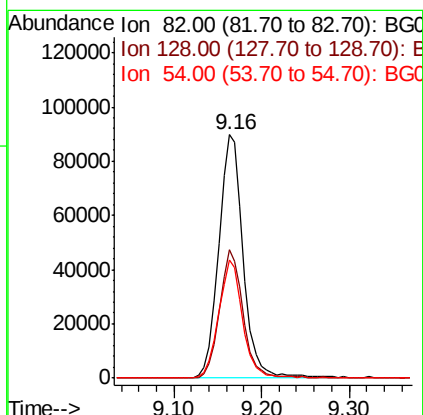
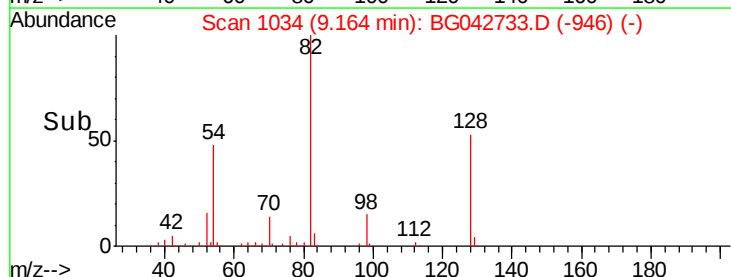
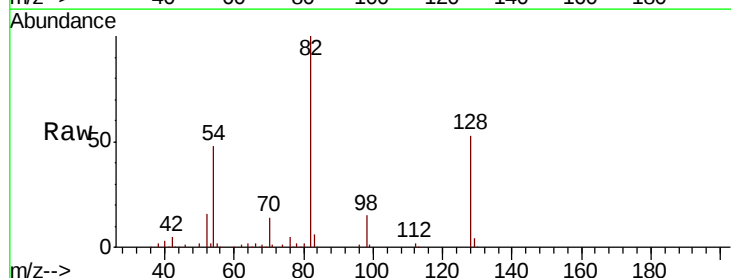
Instrument :
BNA_G
ClientSampleId :
20190664-LOCATION-2

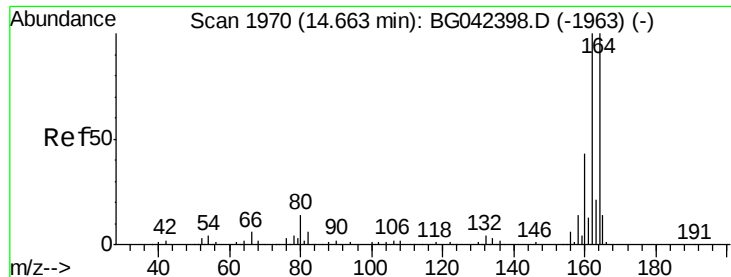
Tot Ion:136	Resp:	121816
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.7	13.1
54 6.3	4.9	7.3
68 2.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 98.303 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042733.D
Acq: 5 Sep 2019 23:13

Tgt Ion	82	Resp: Lower	173288 Upper
82	100		
128	52.7	40.7	61.1
54	48.4	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: BG042733.D

Acq: 5 Sep 2019 23:13

Instrument :

BNA_G

ClientSampleId :

20190664-LOCATION-2

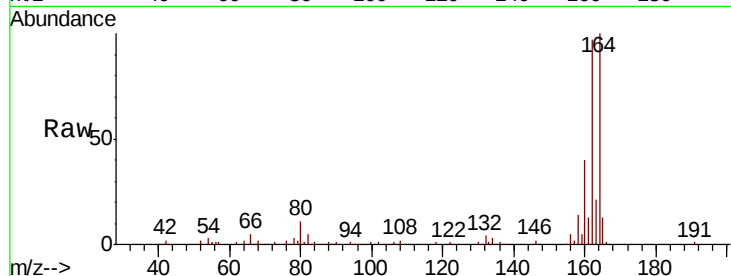
Tot Ion:164 Resp: 86063

Ion Ratio Lower Upper

164 100

162 97.0 79.9 119.9

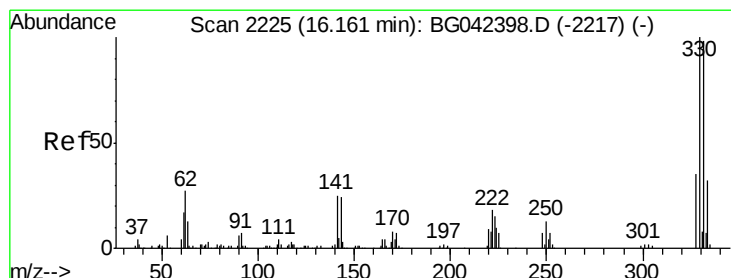
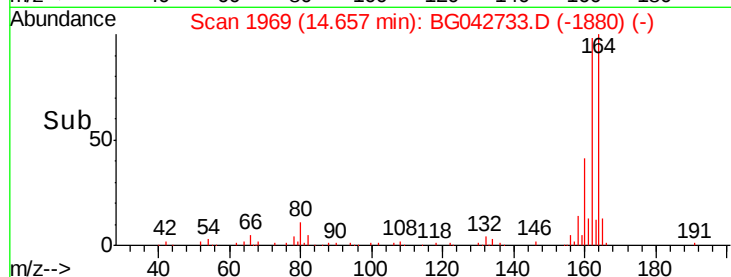
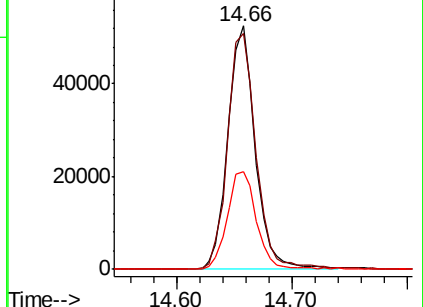
160 40.3 34.3 51.5



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: 161.045 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042733.D

Acq: 5 Sep 2019 23:13

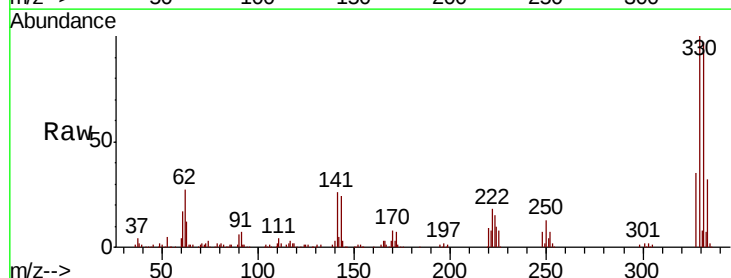
Tgt Ion:330 Resp: 196998

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

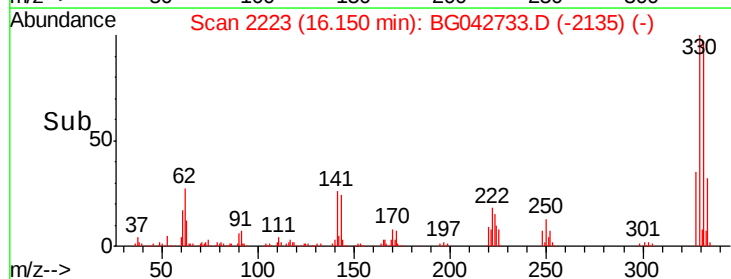
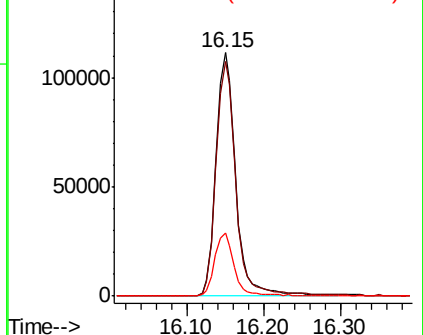
141 25.4 21.4 32.0

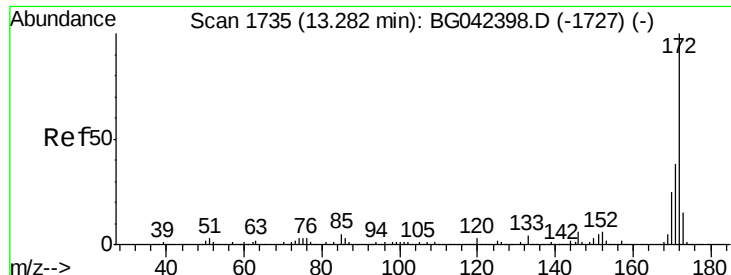


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

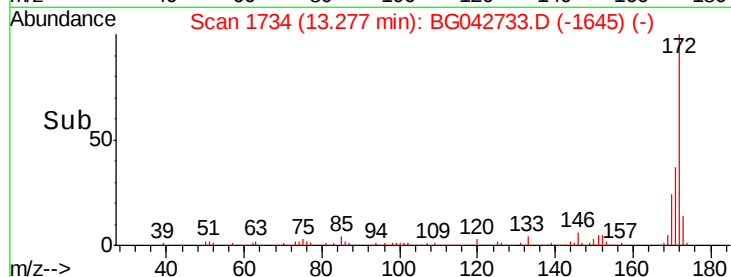
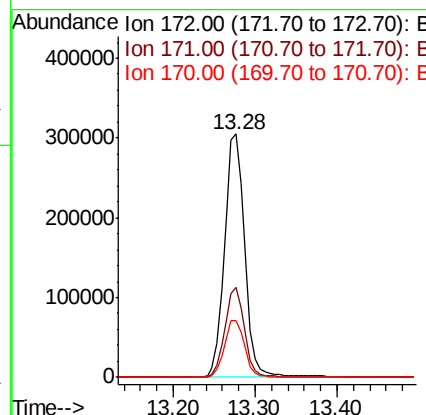
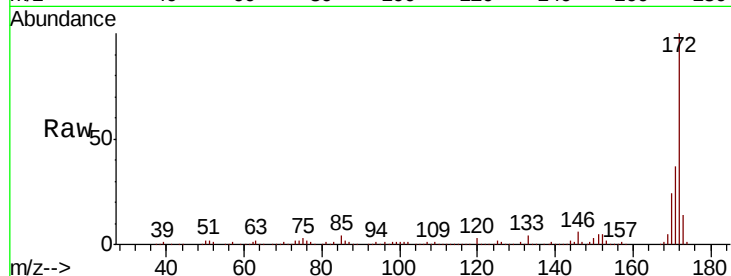




#45
2-Fluorobiphenyl
Concen: 103.364 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042733.D
Acq: 5 Sep 2019 23:13

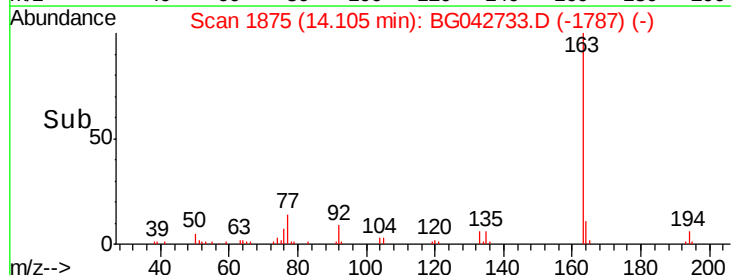
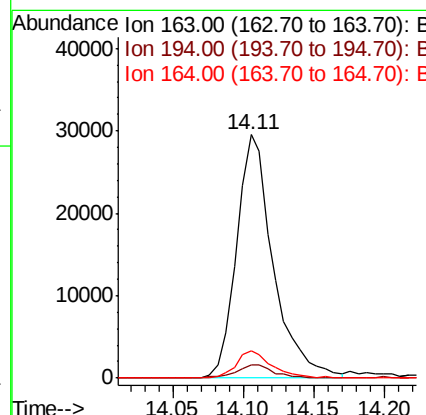
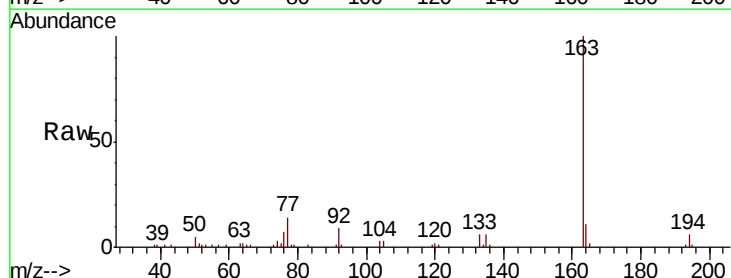
Instrument :
BNA_G
ClientSampleId :
20190664-LOCATION-2

Tot Ion:172 Resp: 525978
Ion Ratio Lower Upper
172 100
171 37.1 30.5 45.7
170 23.5 20.2 30.2



#50
Dimethylphthalate
Concen: 8.641 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042733.D
Acq: 5 Sep 2019 23:13

Tgt Ion:163 Resp: 53657
Ion Ratio Lower Upper
163 100
194 5.7 4.2 6.2
164 11.1 8.8 13.2

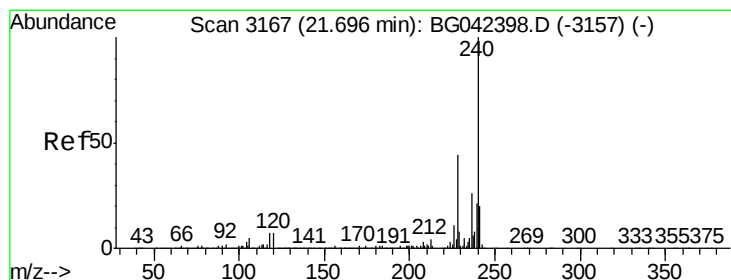
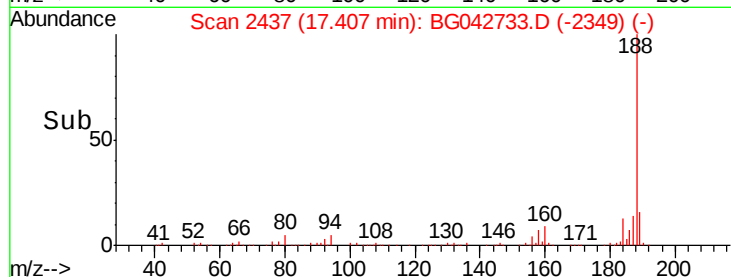
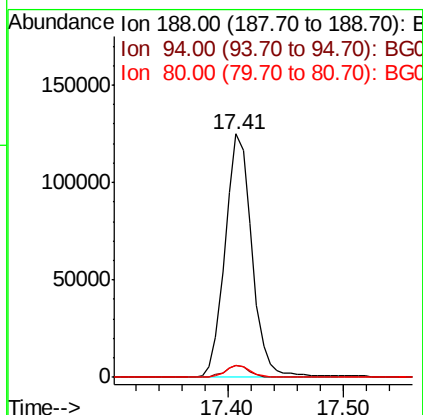
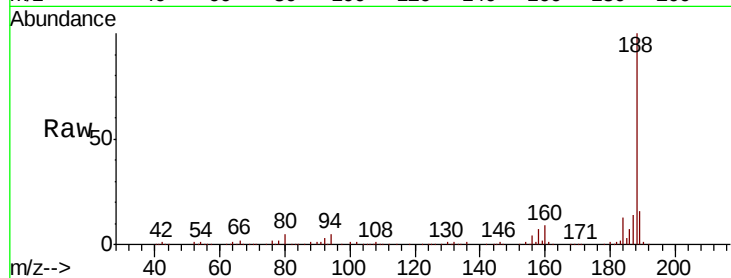




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042733.D
Acq: 5 Sep 2019 23:13

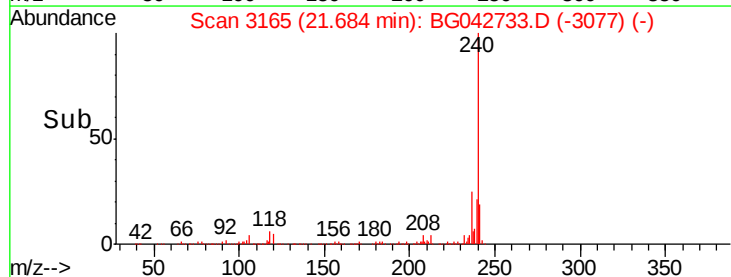
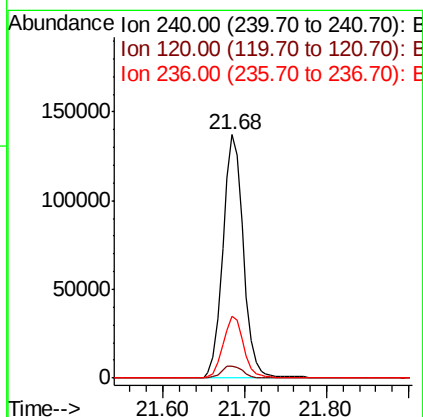
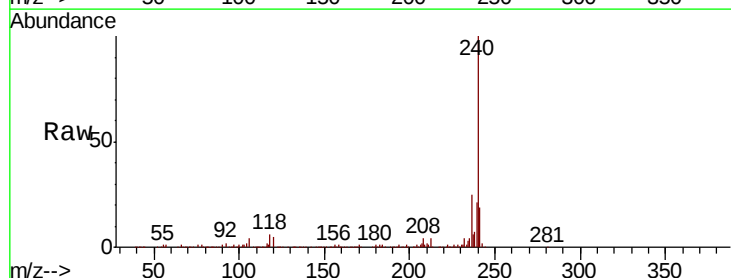
Instrument :
BNA_G
ClientSampleId :
20190664-LOCATION-2

Tot Ion:188 Resp: 201297
Ion Ratio Lower Upper
188 100
94 4.7 4.5 6.7
80 4.7 4.9 7.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042733.D
Acq: 5 Sep 2019 23:13

Tgt Ion:240 Resp: 238734
Ion Ratio Lower Upper
240 100
120 5.1 5.7 8.5#
236 25.4 21.0 31.4





#79

Terphenyl-d14

Concen: 90.607 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042733.D

Acq: 5 Sep 2019 23:13

Instrument :

BNA_G

ClientSampleId :

20190664-LOCATION-2

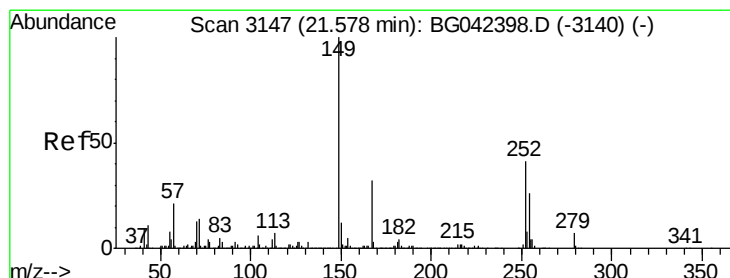
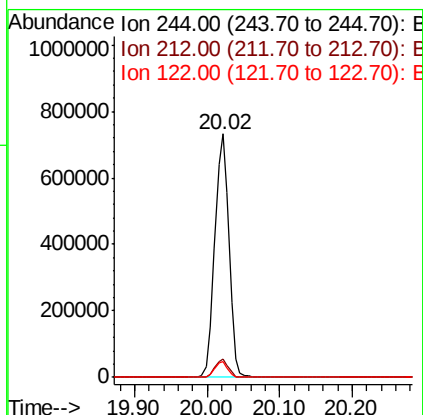
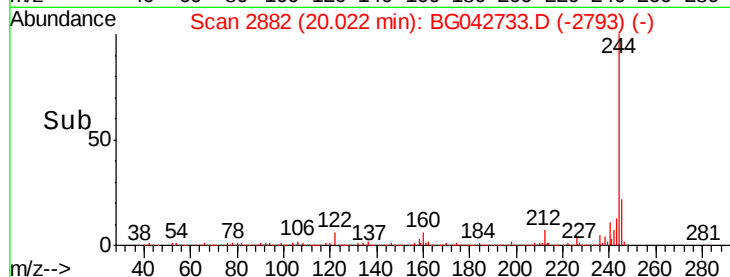
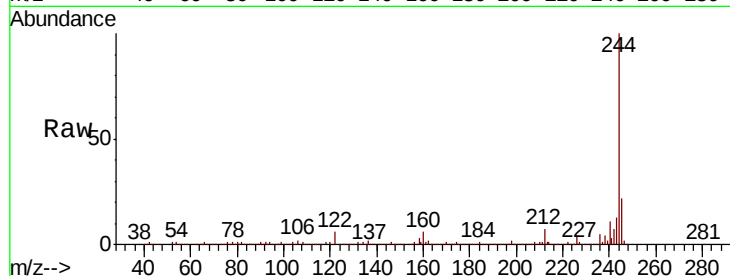
Tot Ion:244 Resp: 1000543

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 6.4 6.7 10.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.323 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG042733.D

Acq: 5 Sep 2019 23:13

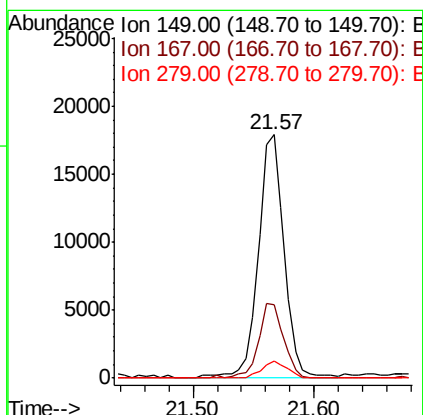
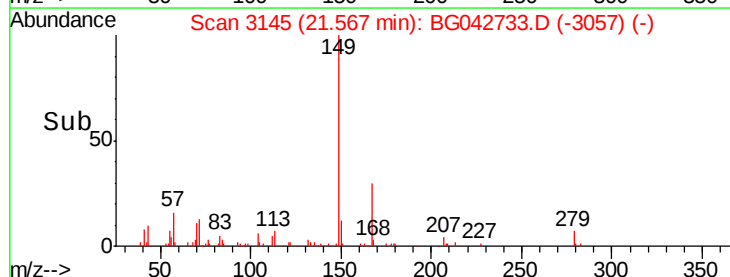
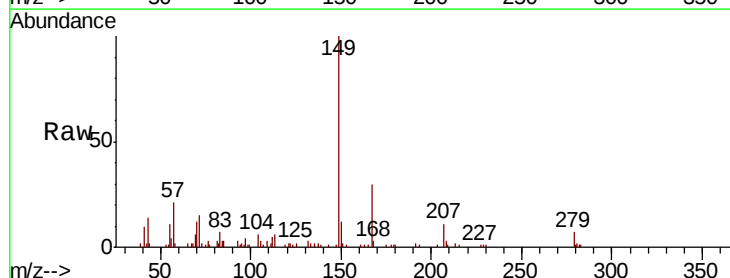
Tgt Ion:149 Resp: 26560

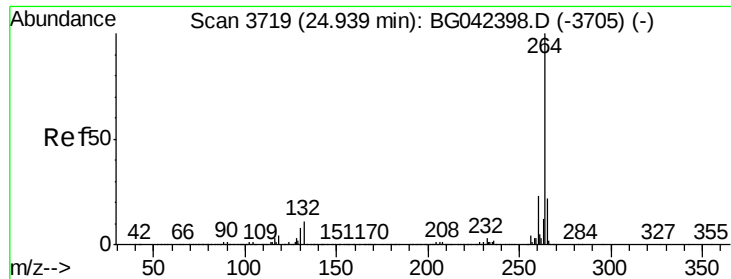
Ion Ratio Lower Upper

149 100

167 30.1 26.0 39.0

279 7.0 5.4 8.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042733.D
 Acq: 5 Sep 2019 23:13

Instrument :
 BNA_G
 ClientSampleId :
 20190664-LOCATION-2

Tot Ion: 264 Resp: 281670
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 21.9 17.6 26.4

