

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042357.D
 Acq On : 20 Aug 2019 13:52
 Operator : HP/JU
 Sample : K4388-33
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T4-E-(0-2)

Quant Time: Aug 21 04:07:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

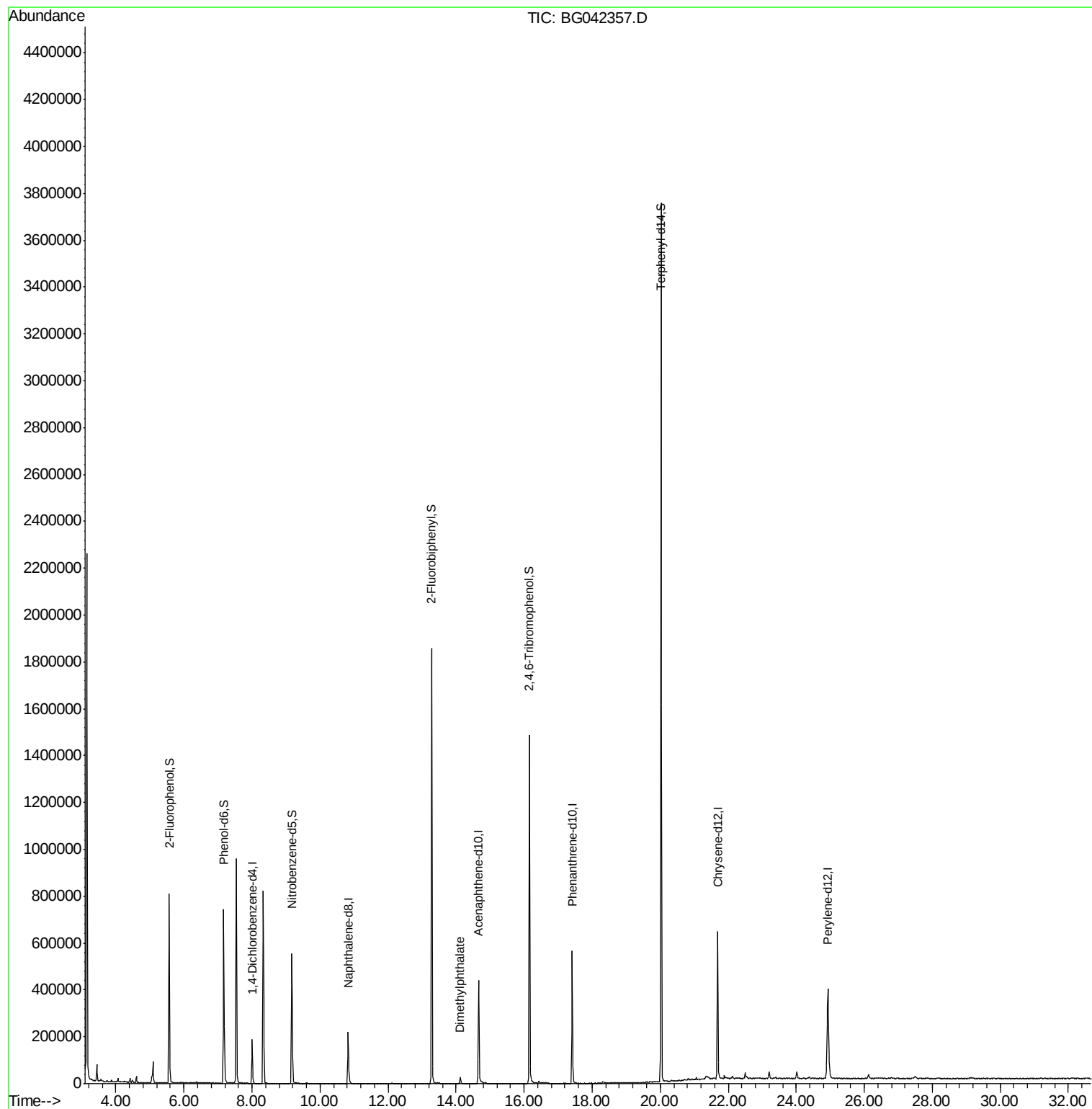
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	61538	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	235510	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	170821	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	387476	20.00	ng	0.00
76) Chrysene-d12	21.69	240	397790	20.00	ng	0.00
87) Perylene-d12	24.93	264	459255	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	429649	141.46	ng	0.00
7) Phenol-d6	7.17	99	522623	126.70	ng	0.00
23) Nitrobenzene-d5	9.17	82	366377	109.42	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	358842	154.24	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1124263	111.37	ng	0.00
79) Terphenyl-d14	20.03	244	1863947	102.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	33384	2.750	ng	Qvalue # 96

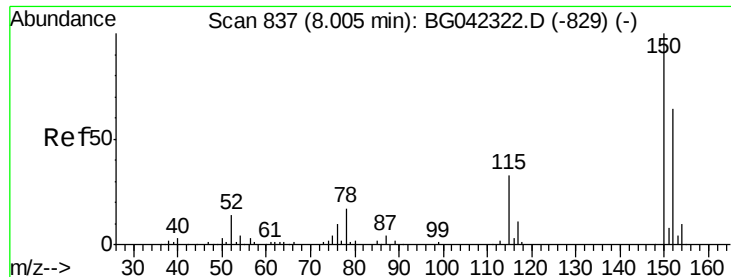
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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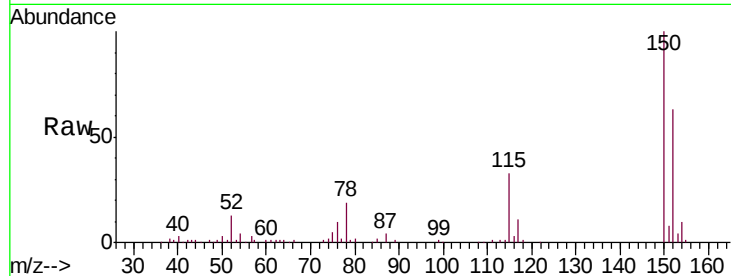


#1

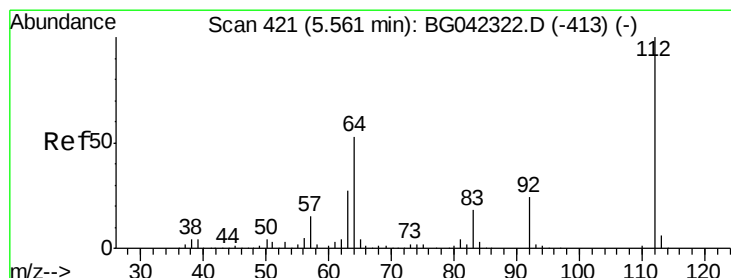
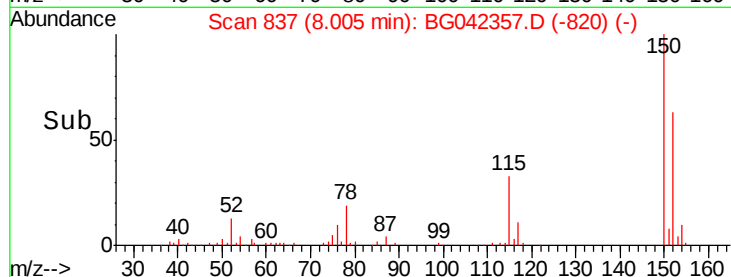
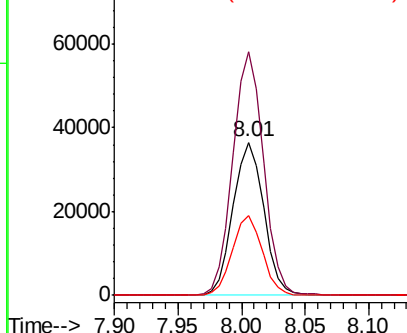
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042357.D
Acq: 20 Aug 2019 13:52

Instrument :
BNA_G
ClientSampleId :
T4-E-(0-2)

Tot Ion:152 Resp: 61538
Ion Ratio Lower Upper
152 100
150 159.2 124.3 186.5
115 52.4 40.5 60.7



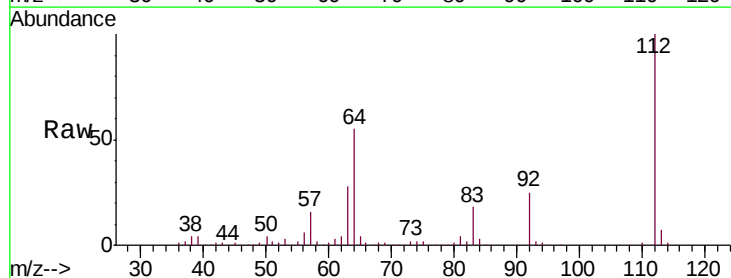
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



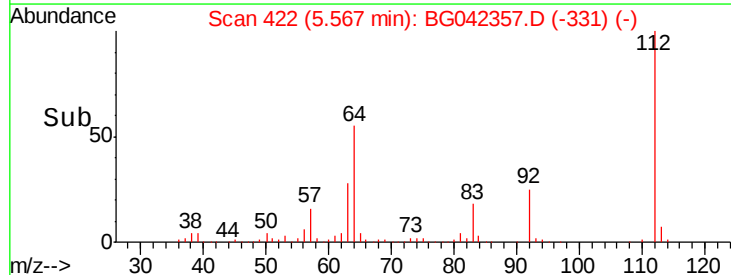
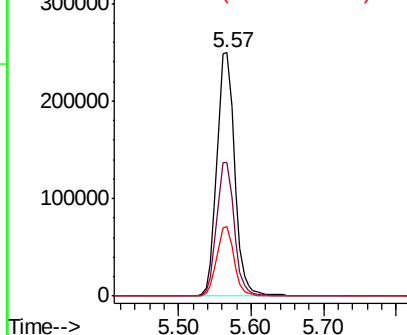
#5

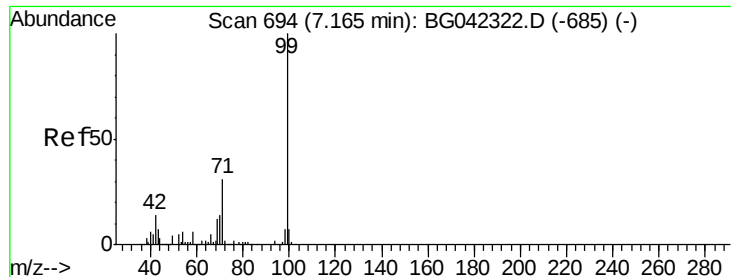
2-Fluorophenol
Concen: 141.459 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042357.D
Acq: 20 Aug 2019 13:52

Tgt Ion:112 Resp: 429649
Ion Ratio Lower Upper
112 100
64 55.0 42.5 63.7
63 28.4 21.7 32.5



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: 126.697 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042357.D

Acq: 20 Aug 2019 13:52

Instrument :

BNA_G

ClientSampleId :

T4-E-(0-2)

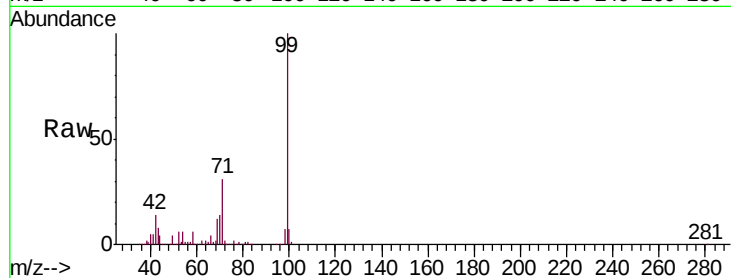
Tot Ion: 99 Resp: 522623

Ion Ratio Lower Upper

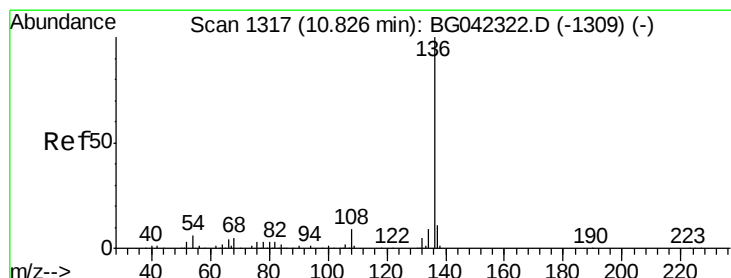
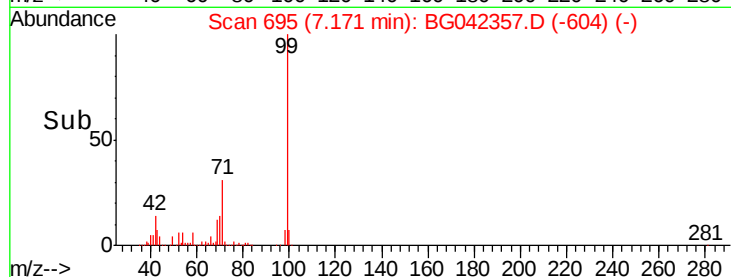
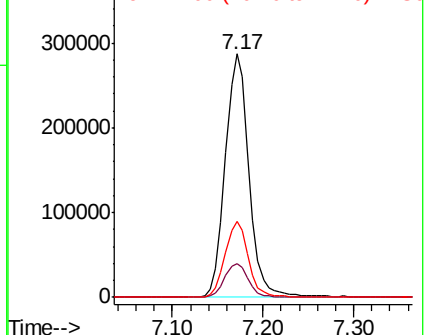
99 100

42 13.9 11.4 17.0

71 31.0 25.1 37.7



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: BG042357.D

Acq: 20 Aug 2019 13:52

Tgt Ion: 136 Resp: 235510

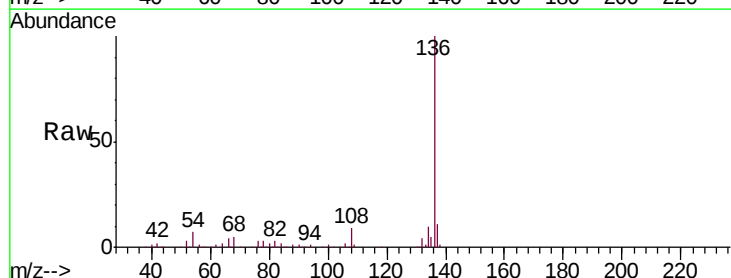
Ion Ratio Lower Upper

136 100

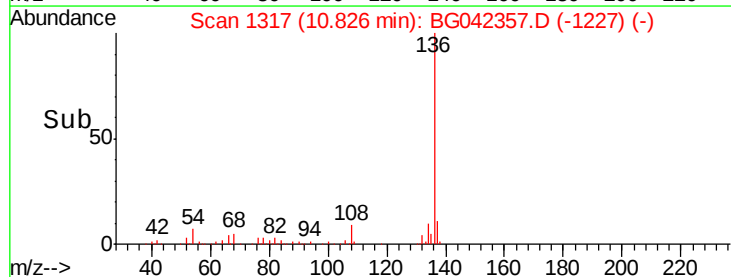
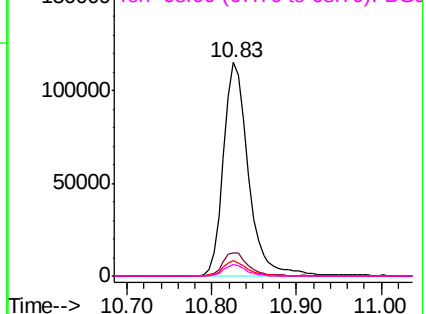
137 10.6 8.4 12.6

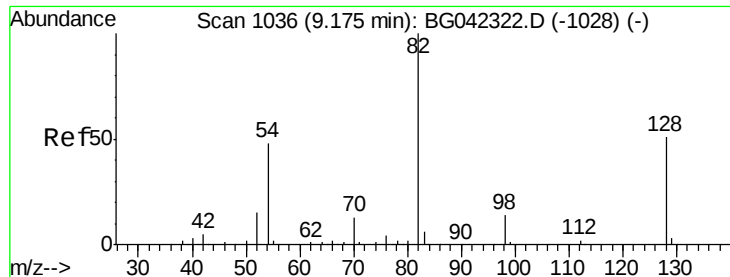
54 7.2 5.0 7.4

68 5.2 3.8 5.8



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

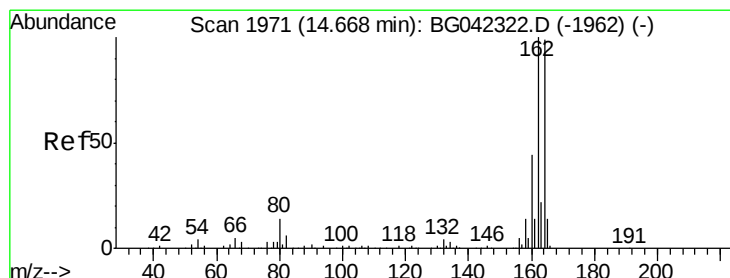
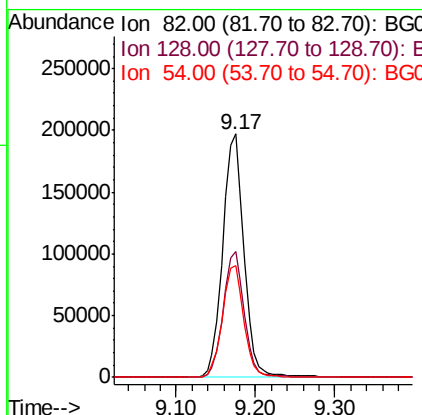
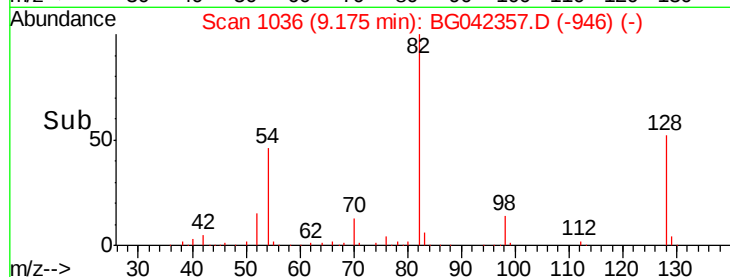
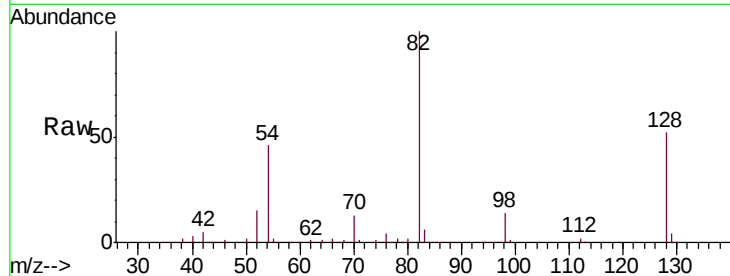




#23
 Nitrobenzene-d5
 Concen: 109.415 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042357.D
 Acq: 20 Aug 2019 13:52

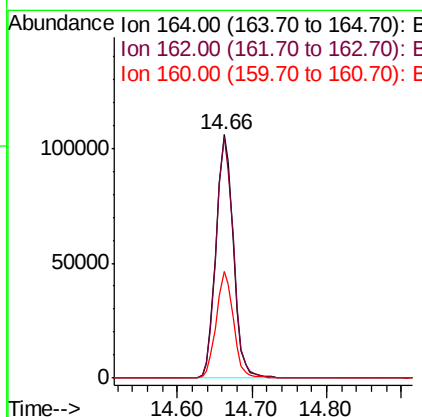
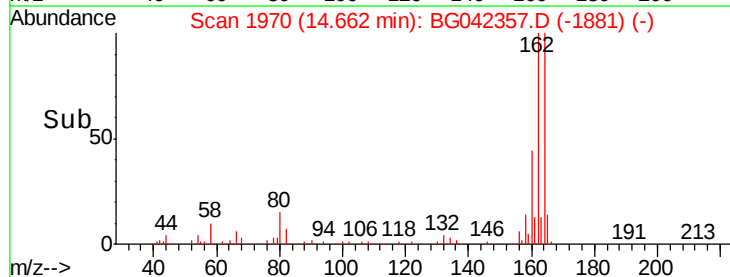
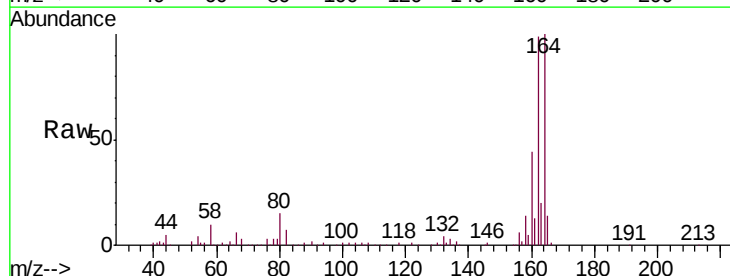
Instrument :
 BNA_G
 ClientSampleID :
 T4-E-(0-2)

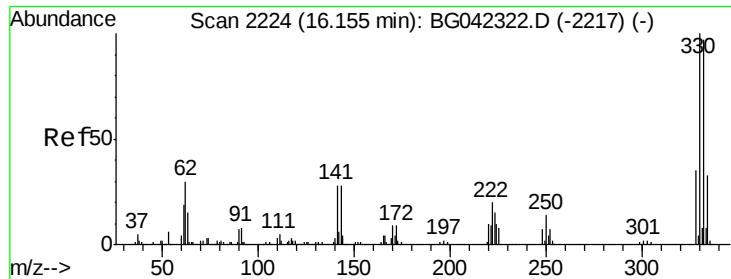
Tot Ion	82	Resp	366377
Ion Ratio	100	Lower	Upper
128	51.6	41.0	61.4
54	46.1	38.0	57.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG042357.D
 Acq: 20 Aug 2019 13:52

Tgt Ion	164	Resp	170821
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	99.1	80.6	120.8
160	44.0	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 154.238 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042357.D

Acq: 20 Aug 2019 13:52

Instrument :

BNA_G

ClientSampleId :

T4-E-(0-2)

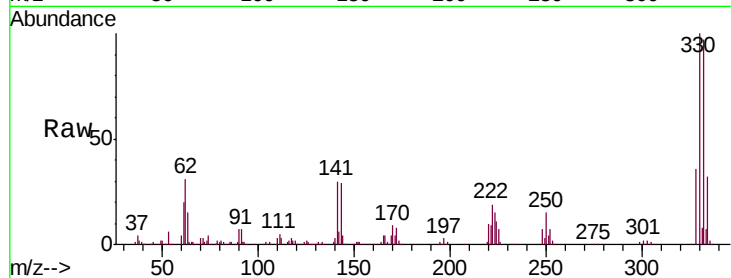
Tot Ion:330 Resp: 358842

Ion Ratio Lower Upper

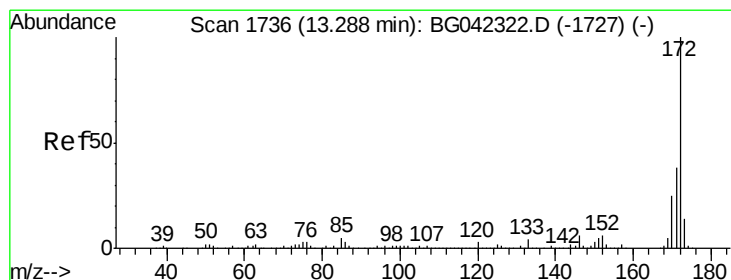
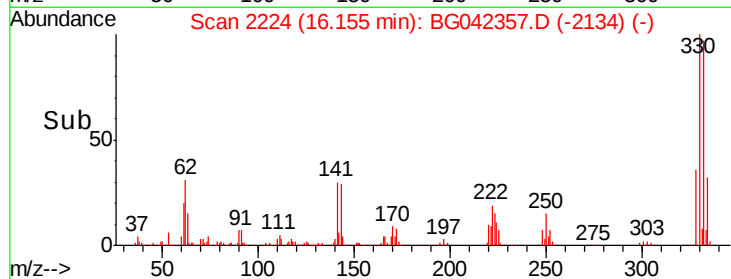
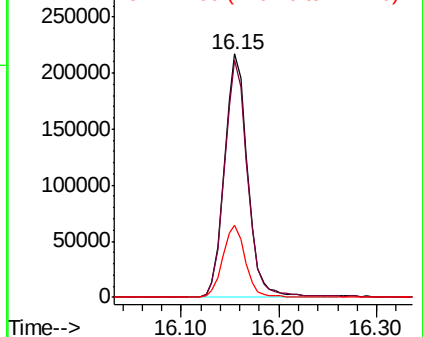
330 100

332 96.8 76.9 115.3

141 29.0 21.8 32.6



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: 111.370 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG042357.D

Acq: 20 Aug 2019 13:52

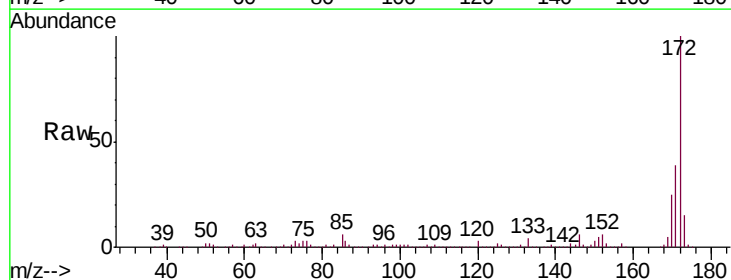
Tgt Ion:172 Resp: 1124263

Ion Ratio Lower Upper

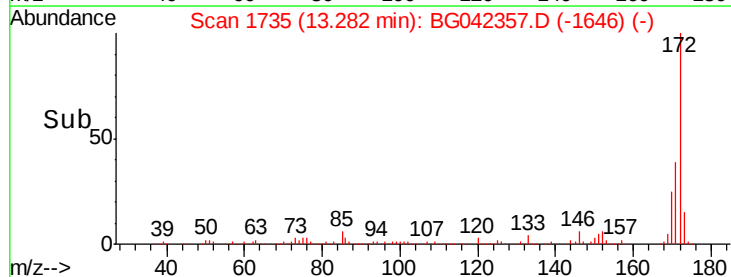
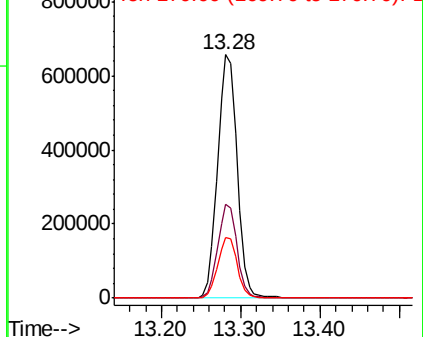
172 100

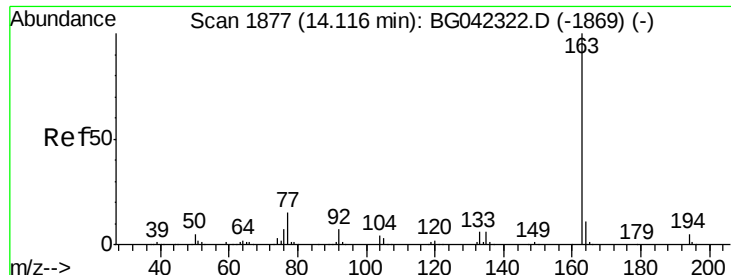
171 38.6 30.3 45.5

170 25.1 20.0 30.0



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





#50

Dimethylphthalate

Concen: 2.750 ng

RT: 14.12 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BG042357.D

Acq: 20 Aug 2019 13:52

Instrument :

BNA_G

ClientSampleId :

T4-E-(0-2)

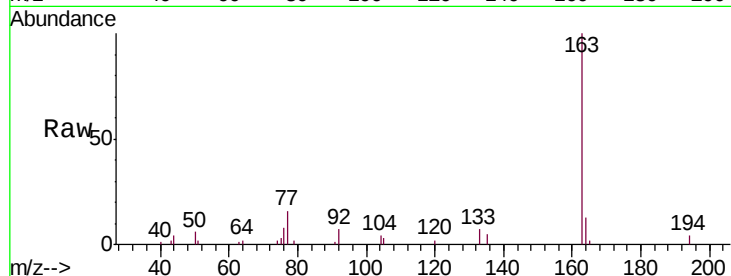
Tot Ion:163 Resp: 33384

Ion Ratio Lower Upper

163 100

194 4.1 4.2 6.2#

164 12.7 8.8 13.2

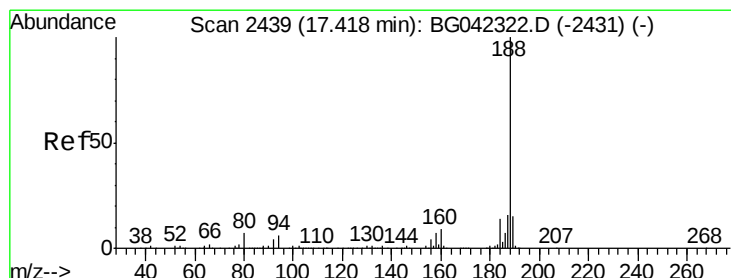
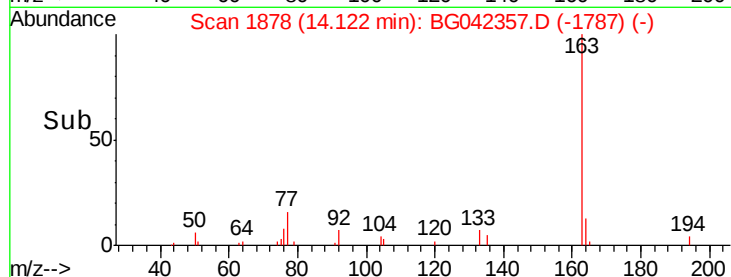
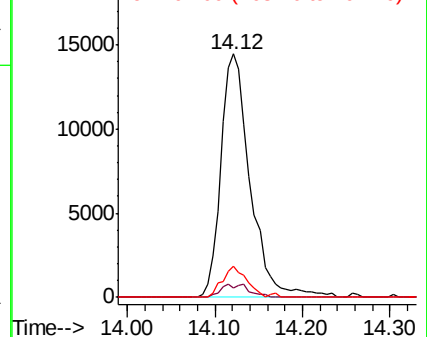


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042357.D

Acq: 20 Aug 2019 13:52

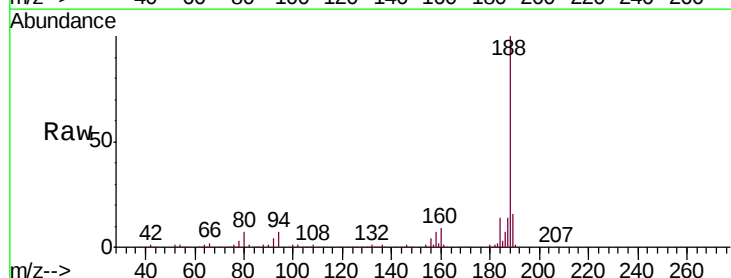
Tgt Ion:188 Resp: 387476

Ion Ratio Lower Upper

188 100

94 6.8 4.9 7.3

80 7.1 5.4 8.0

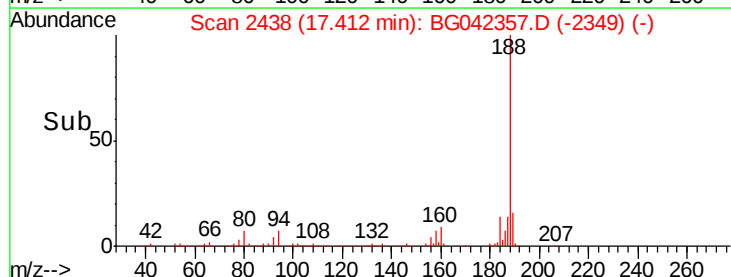
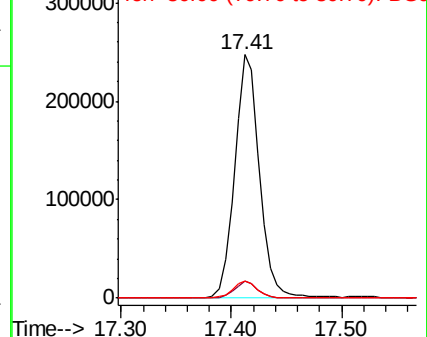


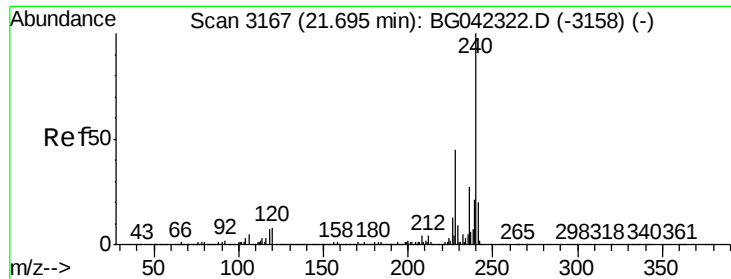
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

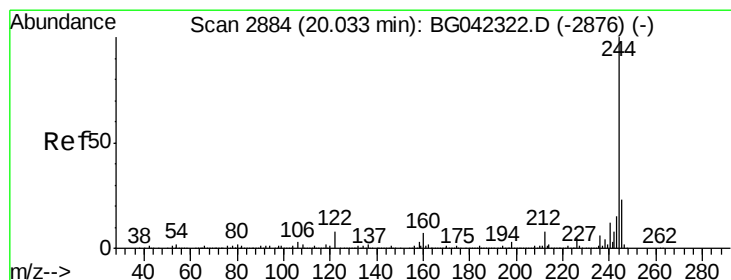
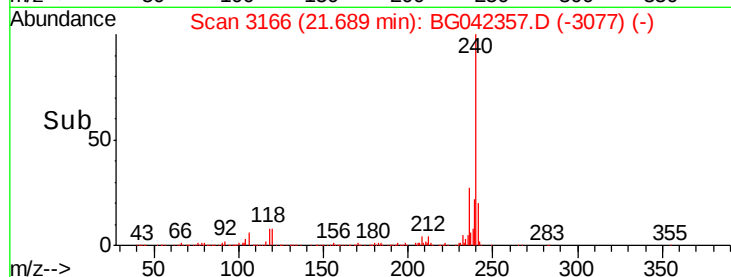
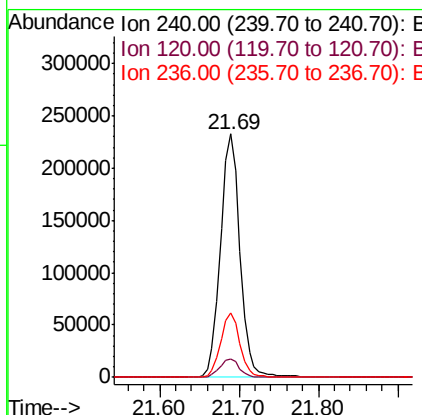
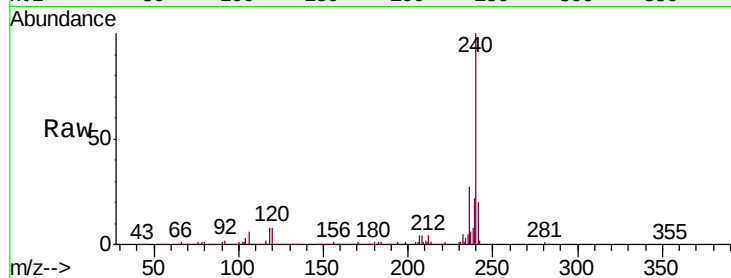




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042357.D
Acq: 20 Aug 2019 13:52

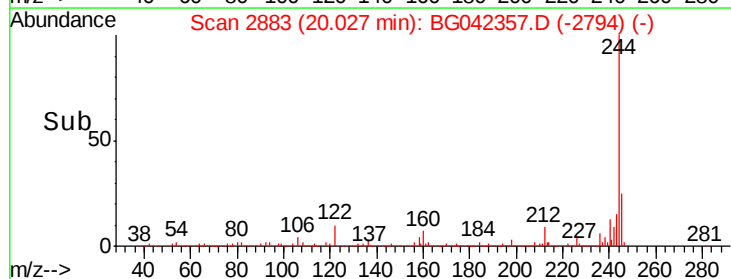
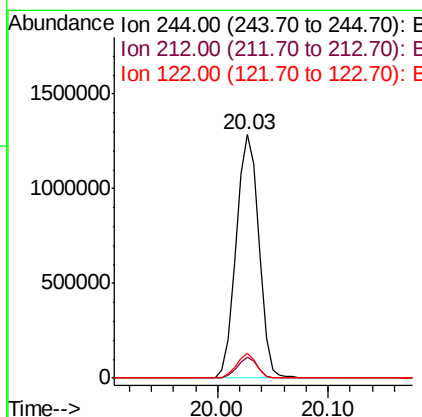
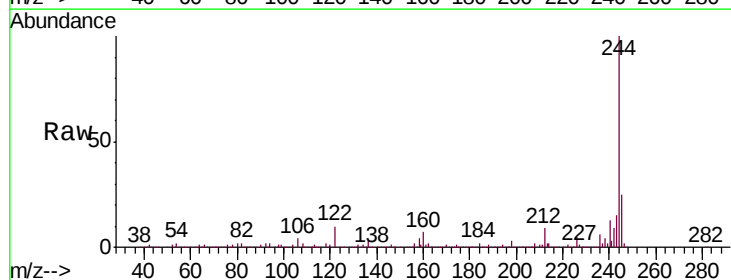
Instrument :
BNA_G
ClientSampleId :
T4-E-(0-2)

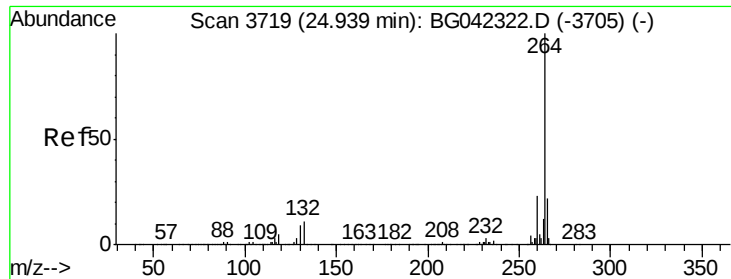
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.0	9.0
236	26.6	21.6	32.4



#79
Terphenyl-d14
Concen: 102.631 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG042357.D
Acq: 20 Aug 2019 13:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.4	9.6
122	10.1	6.6	10.0#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042357.D
 Acq: 20 Aug 2019 13:52

Instrument :
 BNA_G
 ClientSampleId :
 T4-E-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	22.0	17.4	26.0

