

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042729.D
 Acq On : 5 Sep 2019 20:40
 Operator : HP/JU
 Sample : K4680-27
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T2-3-(2-4)

Quant Time: Sep 06 07:20:49 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	45194	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	167228	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	127602	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	320158	20.00	ng	0.00
76) Chrysene-d12	21.69	240	365177	20.00	ng	0.00
87) Perylene-d12	24.93	264	428064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	190087	85.18	ng	0.00
7) Phenol-d6	7.16	99	214967	71.32	ng	0.00
23) Nitrobenzene-d5	9.17	82	158642	65.56	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	197521	108.91	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	546124	72.39	ng	0.00
79) Terphenyl-d14	20.02	244	1196406	70.83	ng	0.00

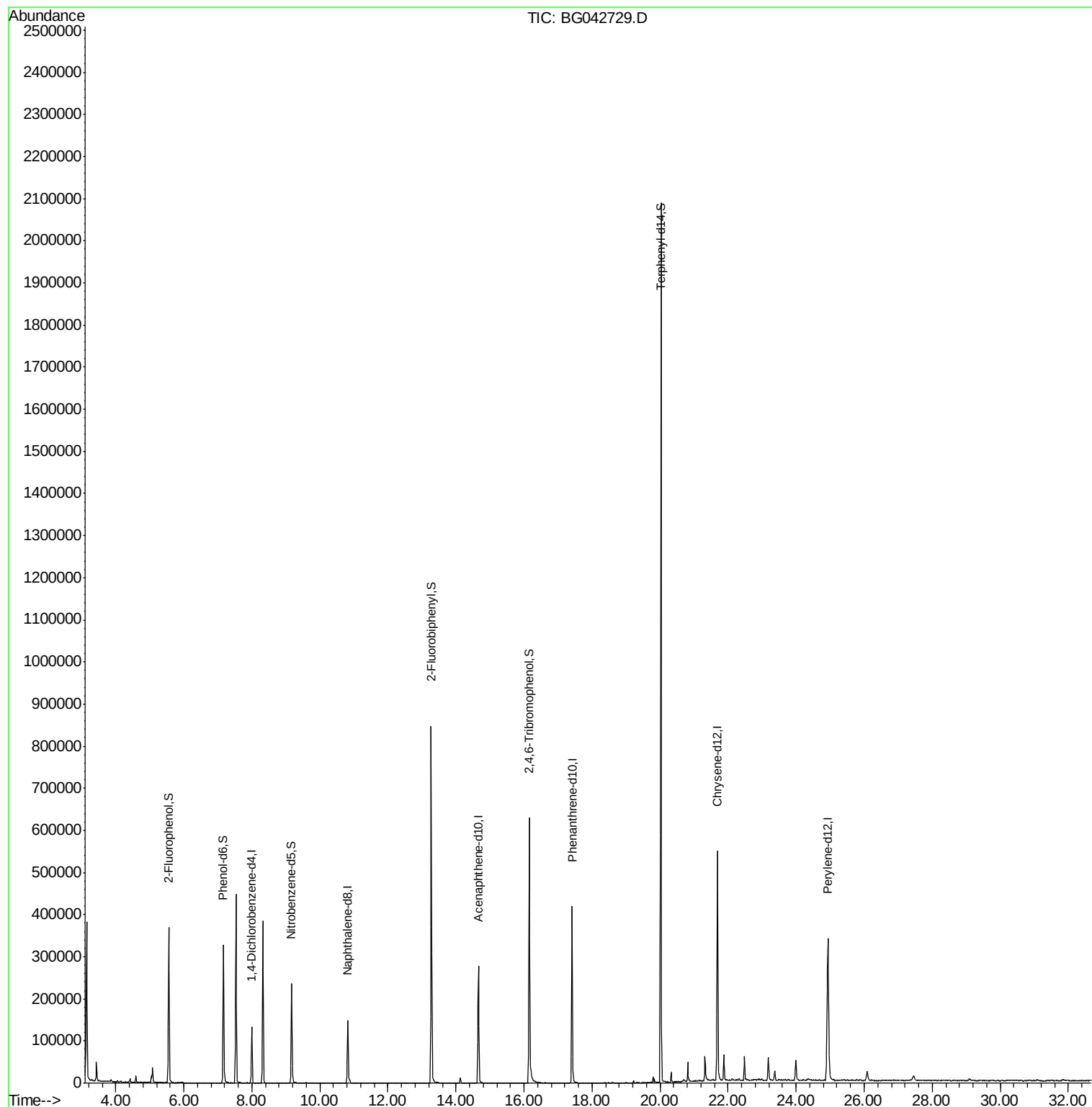
Target Compounds Qvalue

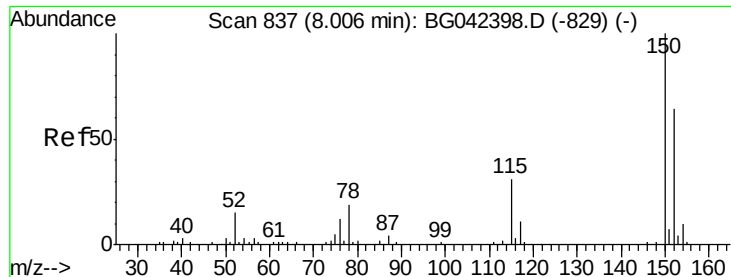
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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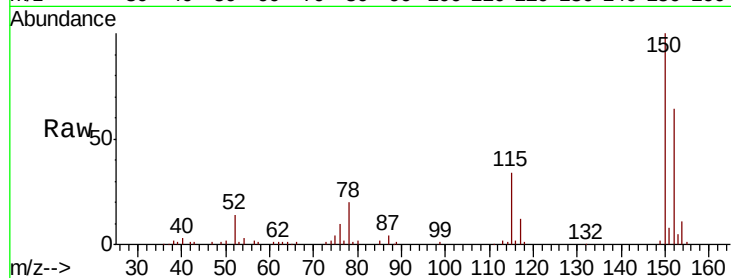


#1

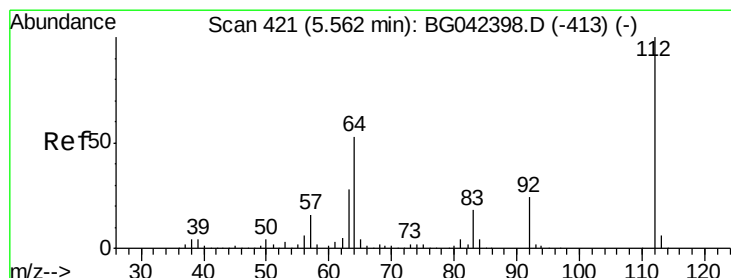
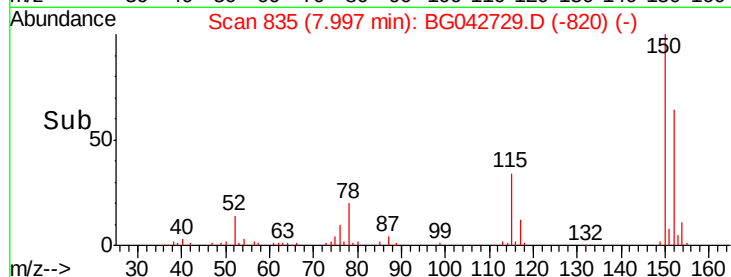
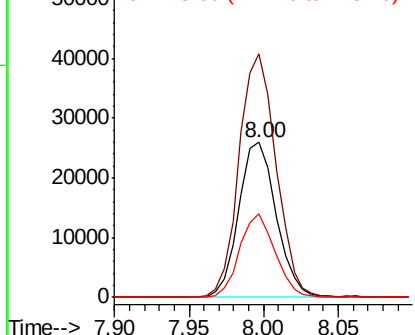
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Instrument :
BNA_G
ClientSampled :
T2-3-(2-4)

Tot Ion:152 Resp: 45194
Ion Ratio Lower Upper
152 100
150 157.0 125.4 188.0
115 54.0 38.5 57.7



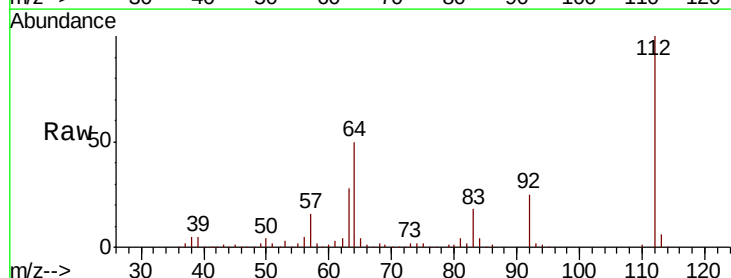
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



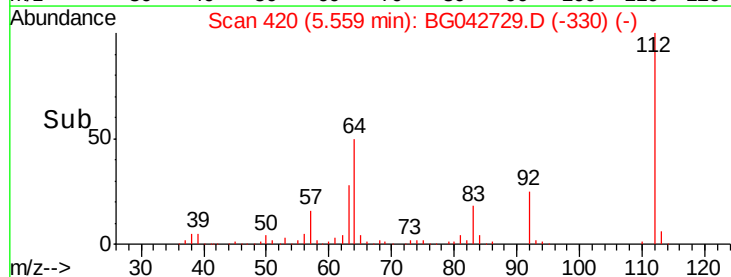
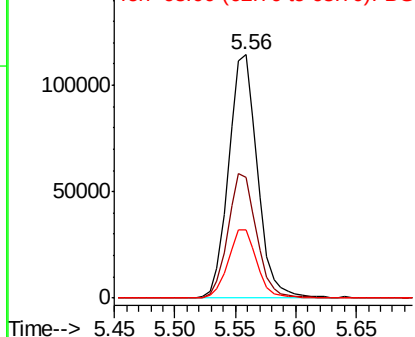
#5

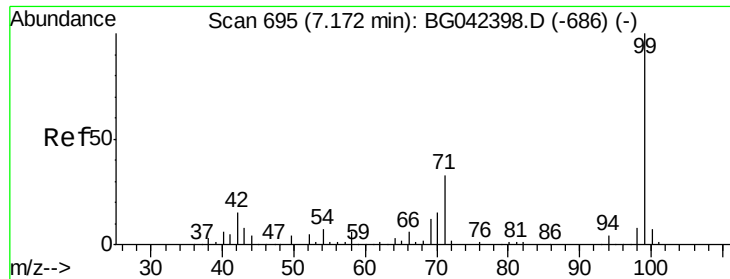
2-Fluorophenol
Concen: 85.184 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Tgt Ion:112 Resp: 190087
Ion Ratio Lower Upper
112 100
64 49.7 42.8 64.2
63 27.9 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: 71.317 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042729.D

Acq: 5 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

T2-3-(2-4)

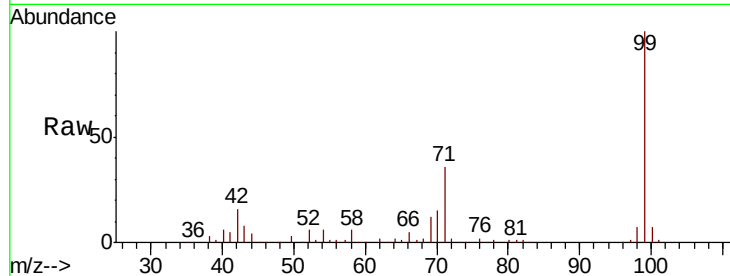
Tot Ion: 99 Resp: 214967

Ion Ratio Lower Upper

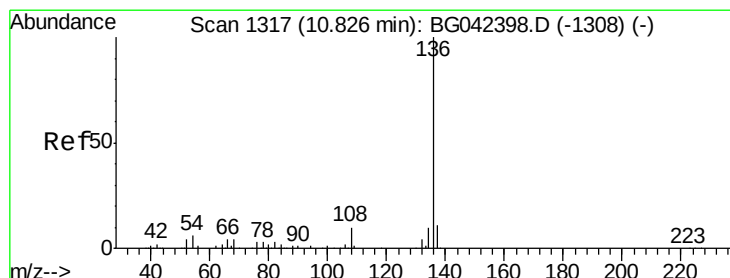
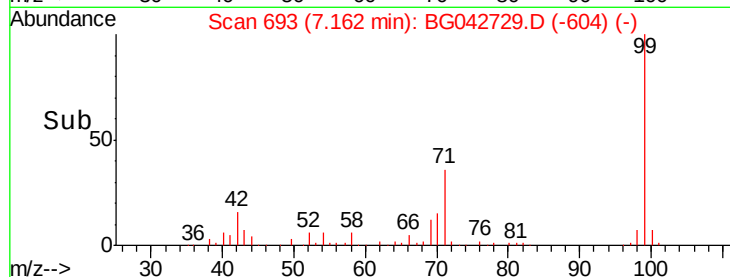
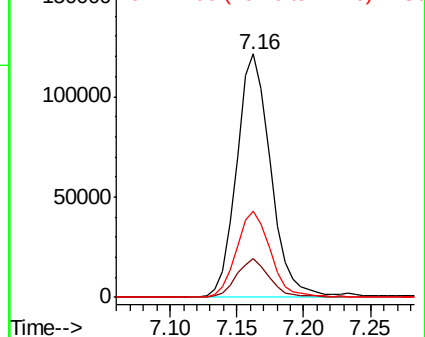
99 100

42 15.8 12.0 18.0

71 35.6 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: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042729.D

Acq: 5 Sep 2019 20:40

Tgt Ion: 136 Resp: 167228

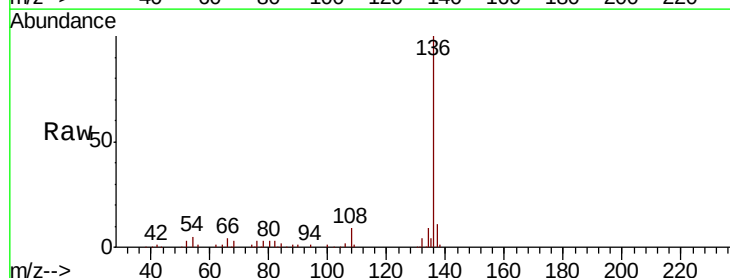
Ion Ratio Lower Upper

136 100

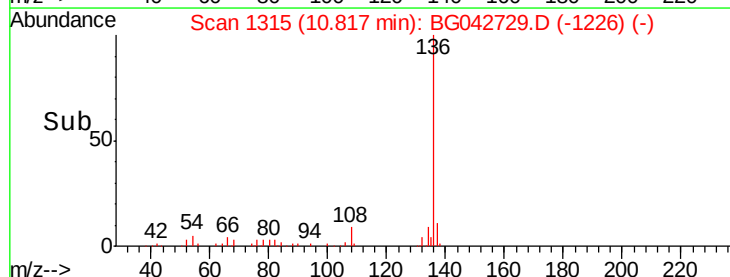
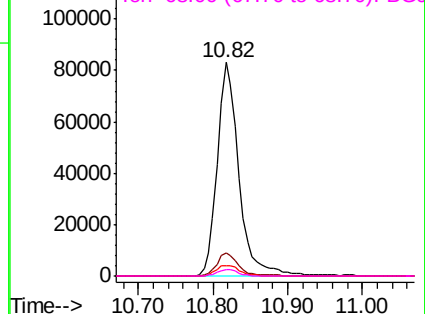
137 10.7 8.7 13.1

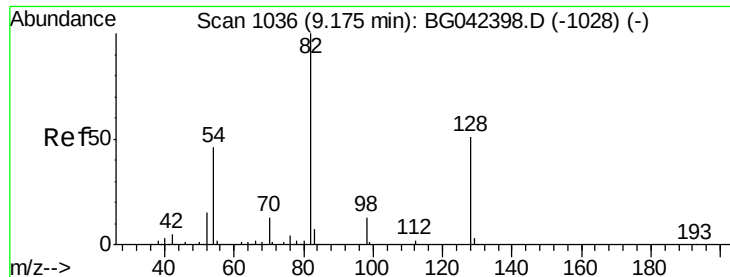
54 4.8 4.9 7.3#

68 3.0 3.6 5.4#



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

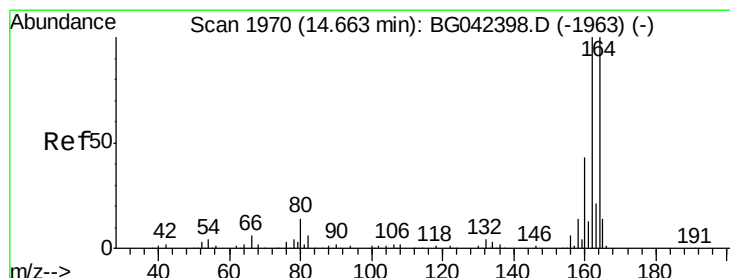
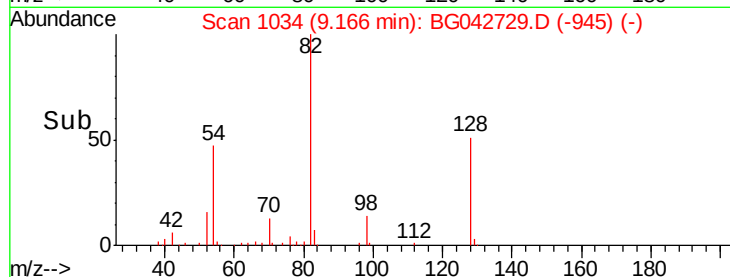
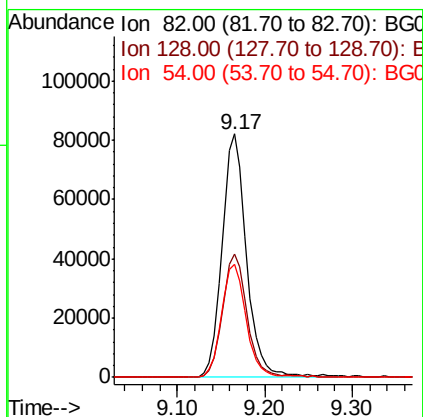
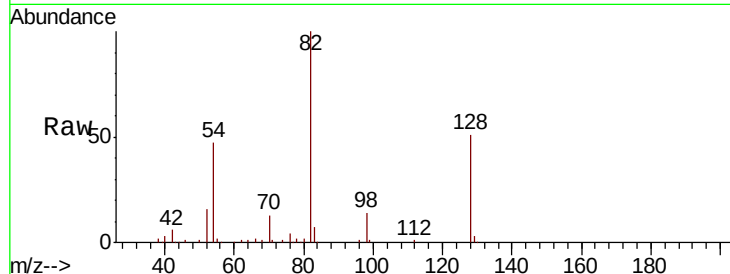




#23
Nitrobenzene-d5
Concen: 65.556 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

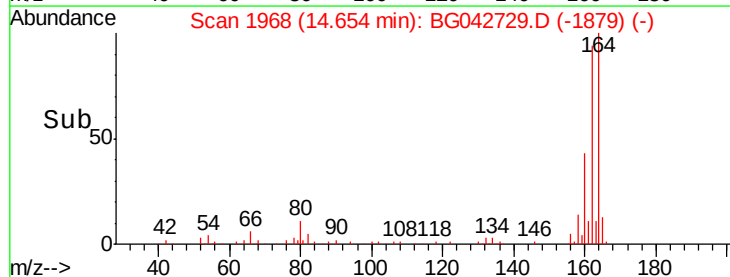
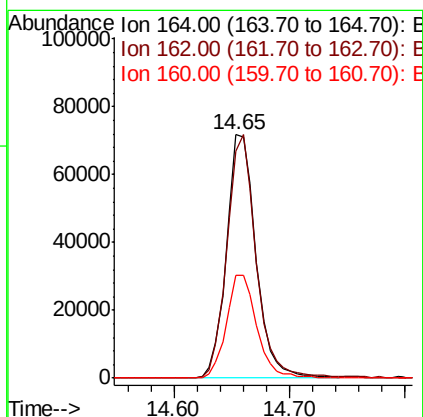
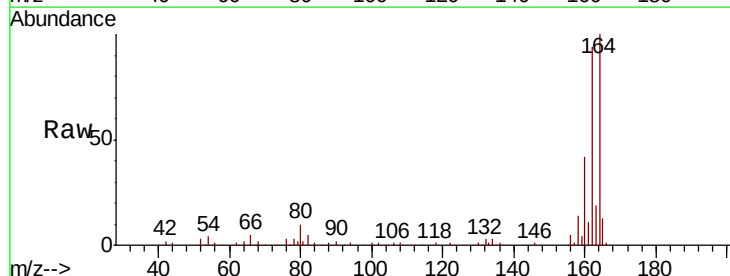
Instrument :
BNA_G
ClientSampled :
T2-3-(2-4)

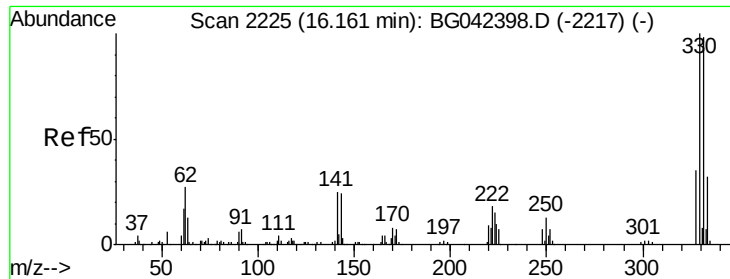
Tot Ion	82	Resp	158642
Ion Ratio	Lower	Upper	
82	100		
128	50.7	40.7	61.1
54	46.6	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Tgt Ion	164	Resp	127602
Ion Ratio	Lower	Upper	
164	100		
162	93.5	79.9	119.9
160	42.3	34.3	51.5

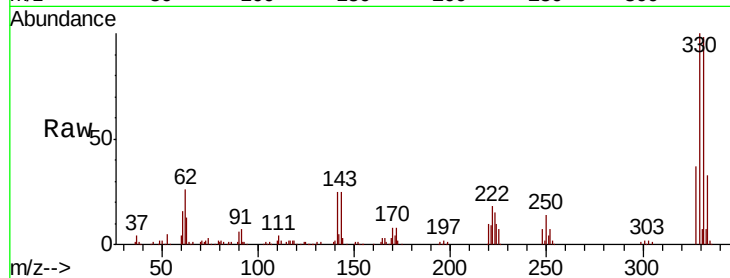




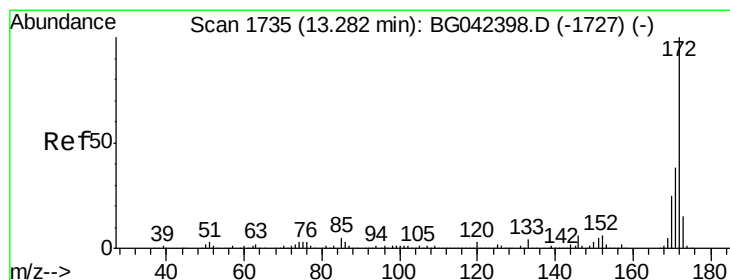
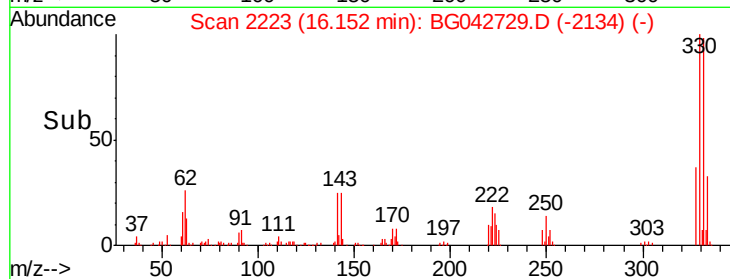
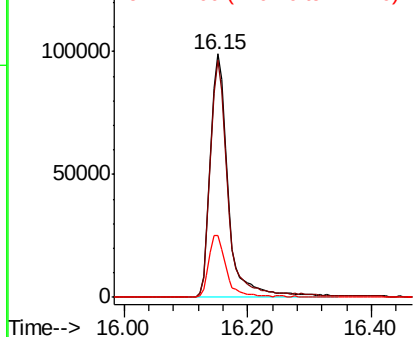
#42
 2,4,6-Tribromophenol
 Concen: 108.908 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042729.D
 Acq: 5 Sep 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 T2-3-(2-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	24.9	21.4	32.0

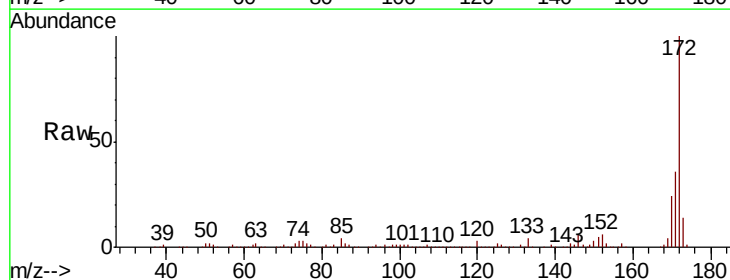


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

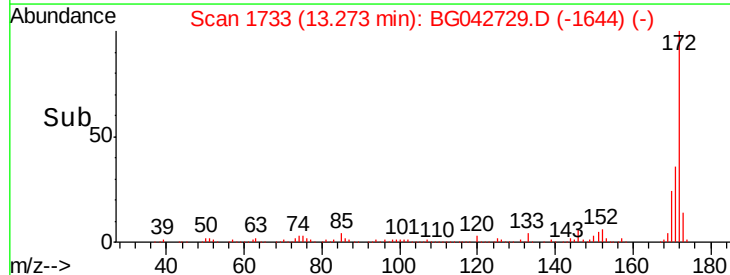
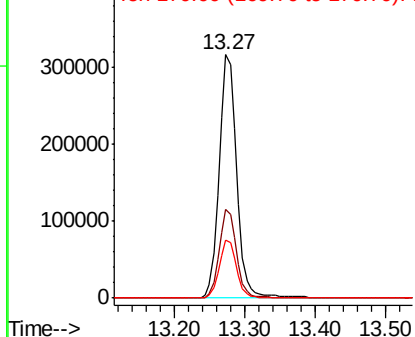


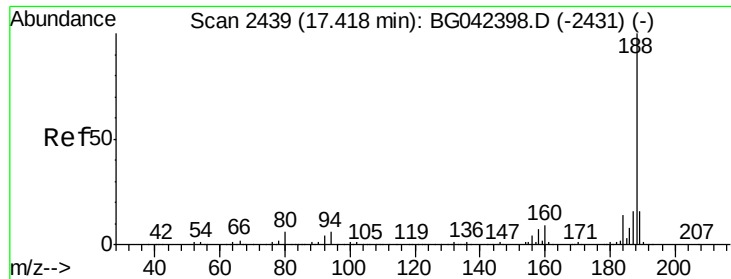
#45
 2-Fluorobiphenyl
 Concen: 72.385 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042729.D
 Acq: 5 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.5	45.7
170	23.7	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

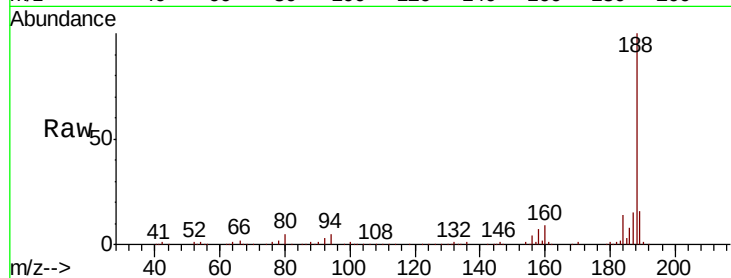




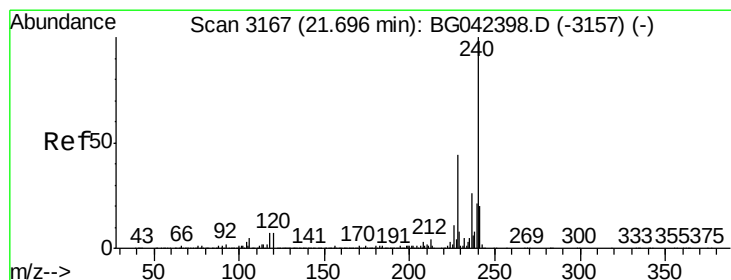
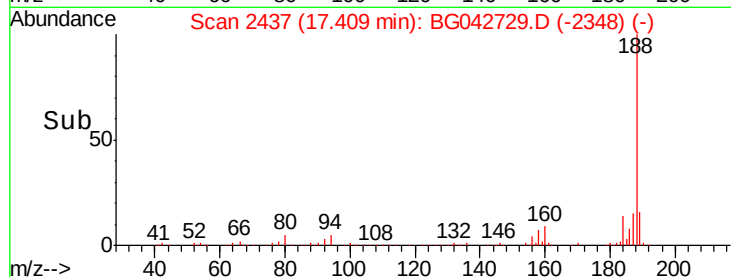
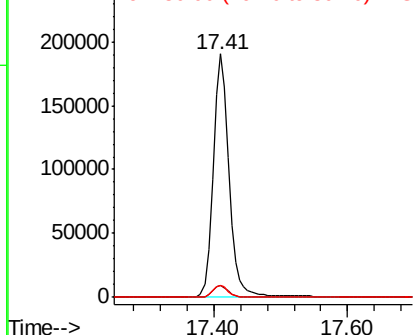
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
T2-3-(2-4)

Tot Ion:188 Resp: 320158
Ion Ratio Lower Upper
188 100
94 4.8 4.5 6.7
80 4.9 4.9 7.3

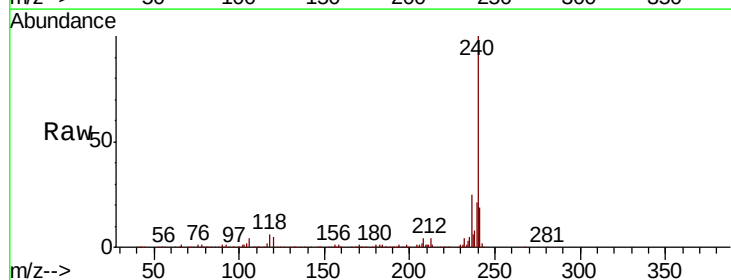


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

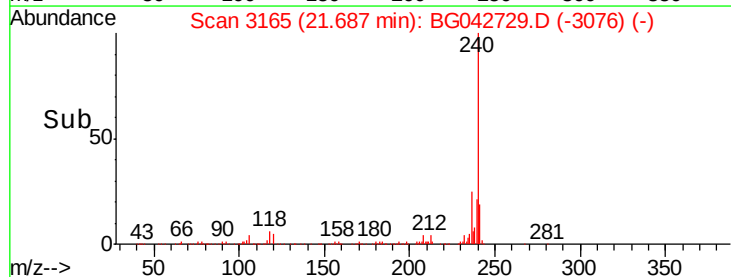
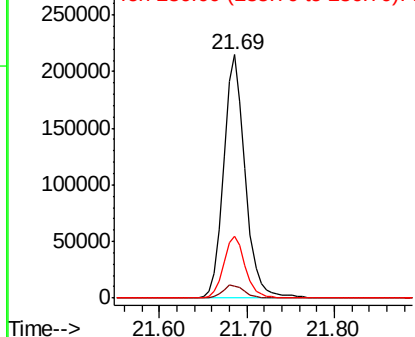


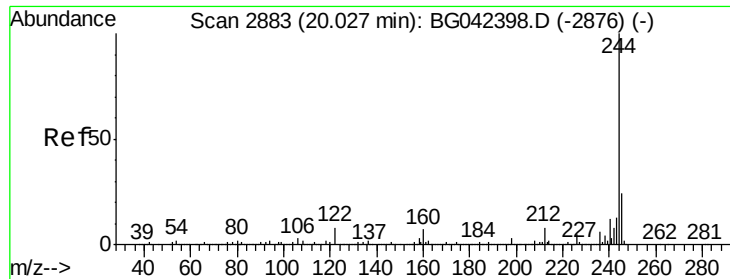
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Tgt Ion:240 Resp: 365177
Ion Ratio Lower Upper
240 100
120 5.0 5.7 8.5#
236 25.5 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: 70.830 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042729.D

Acq: 5 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

T2-3-(2-4)

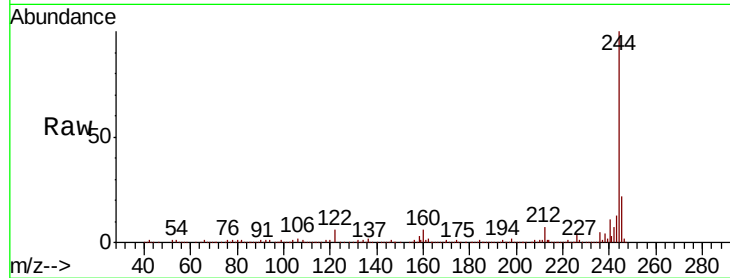
Tot Ion:244 Resp: 1196406

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

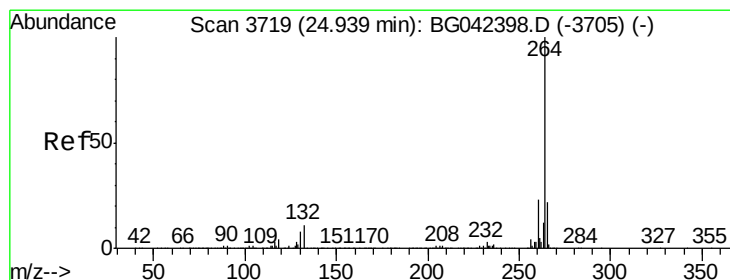
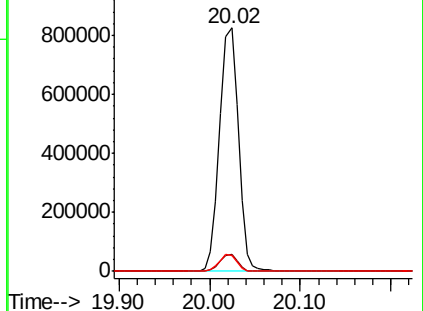
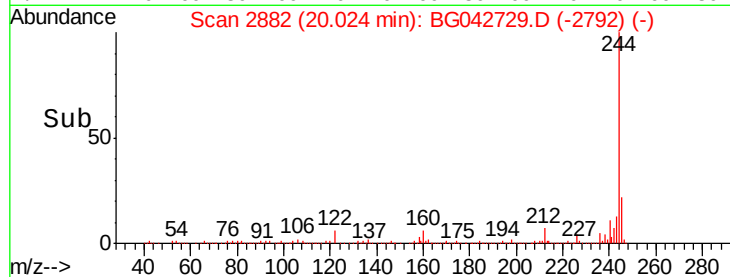
122 6.3 6.7 10.1#



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: BG042729.D

Acq: 5 Sep 2019 20:40

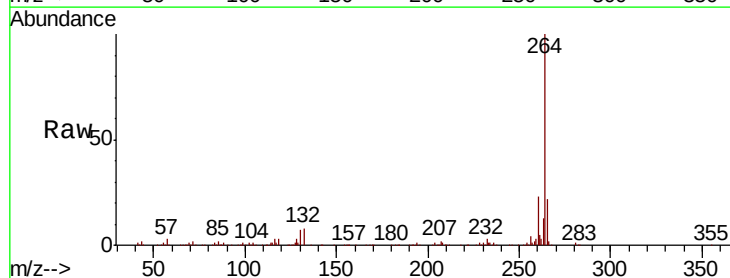
Tgt Ion:264 Resp: 428064

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.4 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

