

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042392.D
 Acq On : 21 Aug 2019 20:38
 Operator : HP/JU
 Sample : K4413-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Aug 22 02:00:43 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	68286	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	275758	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	210857	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	461877	20.00	ng	0.00
76) Chrysene-d12	21.69	240	399063	20.00	ng	0.00
87) Perylene-d12	24.94	264	465899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	185597	55.07	ng	0.00
7) Phenol-d6	7.17	99	155004	33.86	ng	0.00
23) Nitrobenzene-d5	9.18	82	385570	98.34	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	404556	140.87	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1260123	101.13	ng	0.00
79) Terphenyl-d14	20.03	244	1815069	99.62	ng	0.00

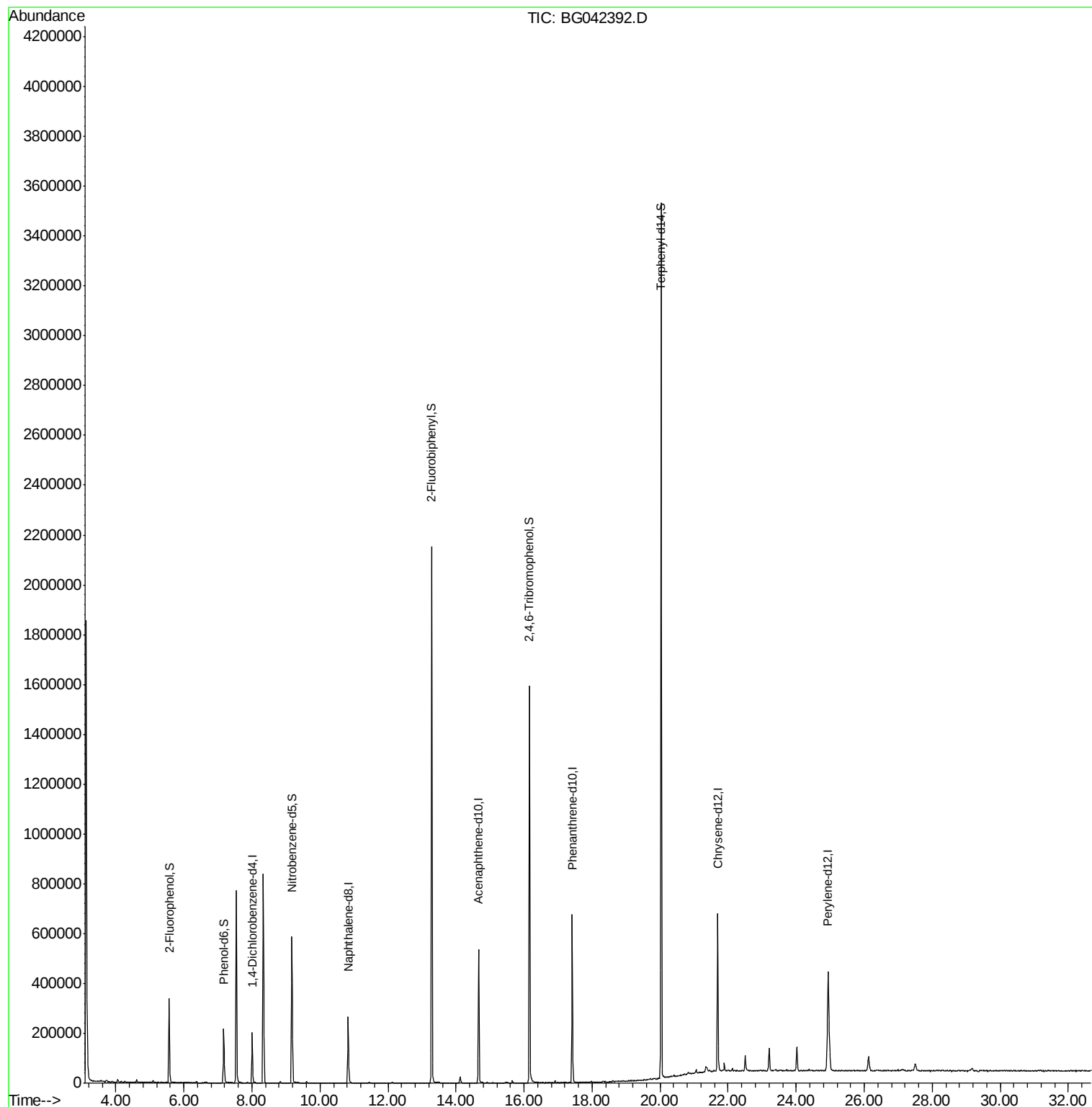
Target Compounds Qvalue

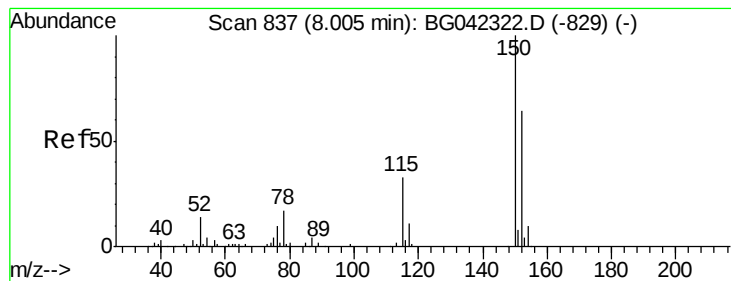
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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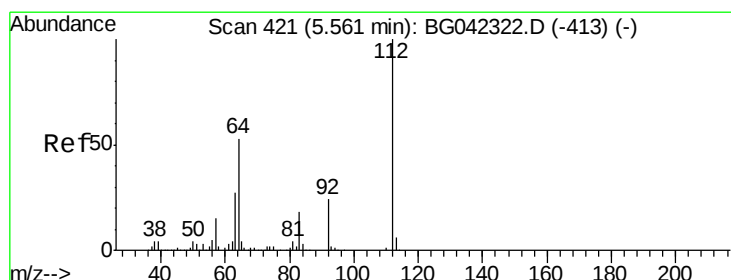
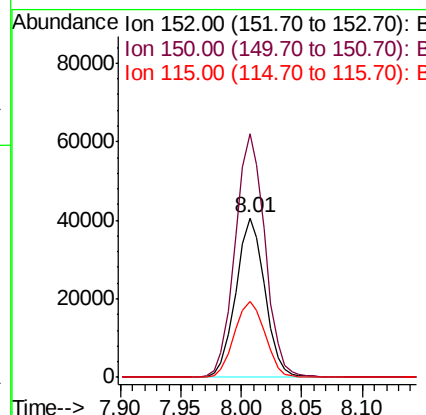
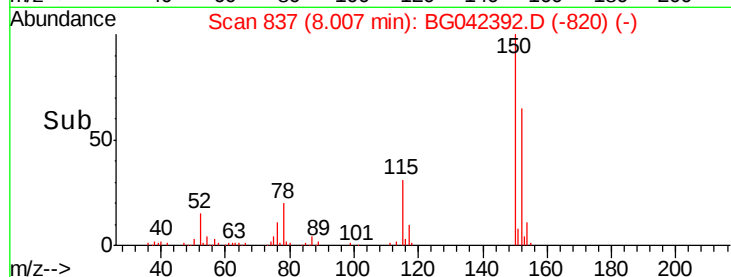
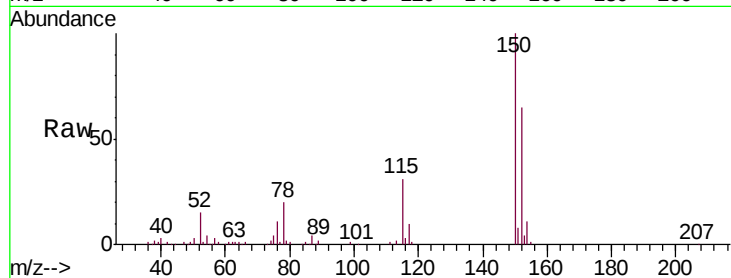


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042392.D
Acq: 21 Aug 2019 20:38

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

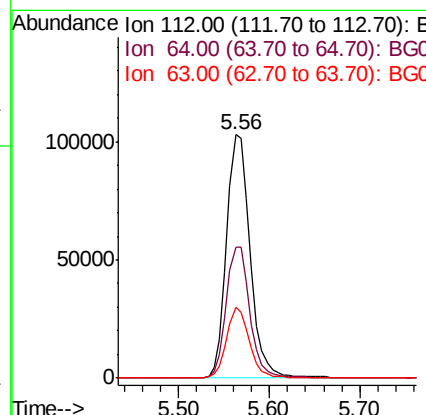
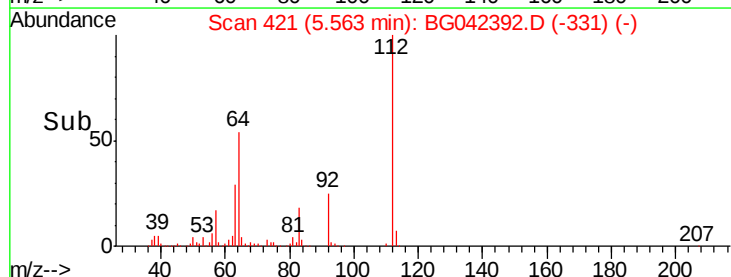
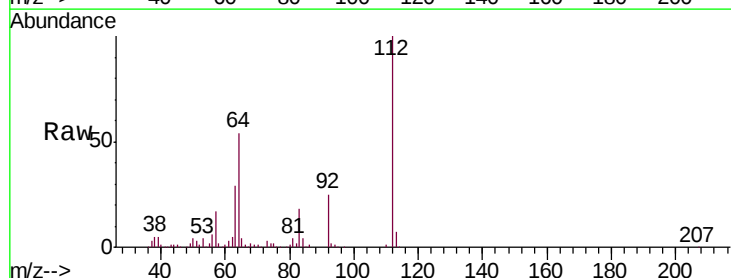
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.3	186.5
115	47.4	40.5	60.7

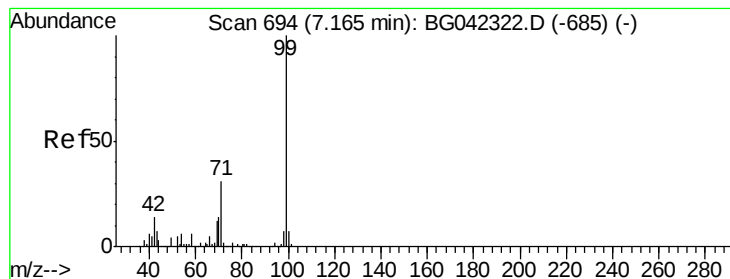


#5

2-Fluorophenol
Concen: 55.068 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042392.D
Acq: 21 Aug 2019 20:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	42.5	63.7
63	29.3	21.7	32.5





#7

Phenol-d6

Concen: 33.864 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042392.D

Acq: 21 Aug 2019 20:38

Instrument :

BNA_G

ClientSampled :

FIELD-BLANK

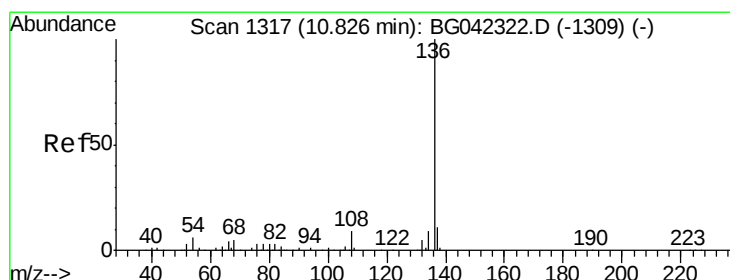
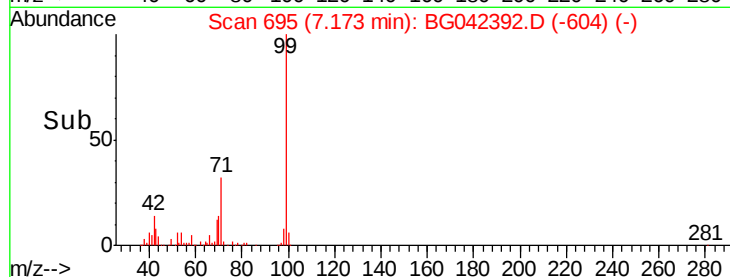
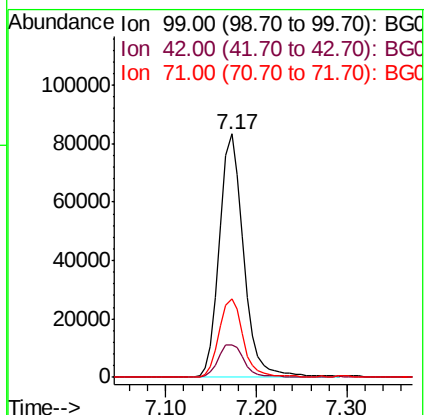
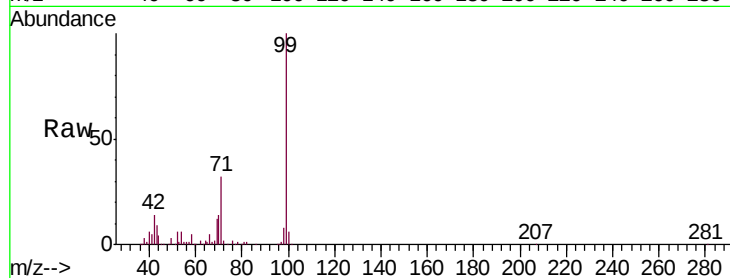
Tot Ion: 99 Resp: 155004

Ion Ratio Lower Upper

99 100

42 13.5 11.4 17.0

71 32.1 25.1 37.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042392.D

Acq: 21 Aug 2019 20:38

Tgt Ion: 136 Resp: 275758

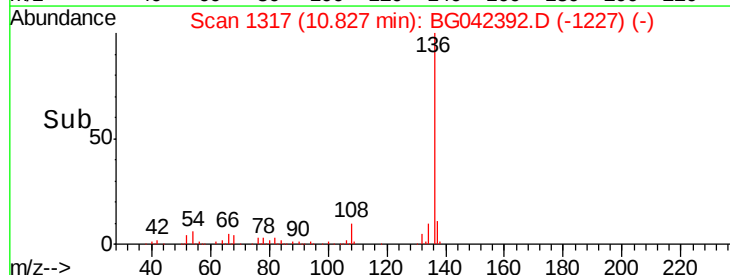
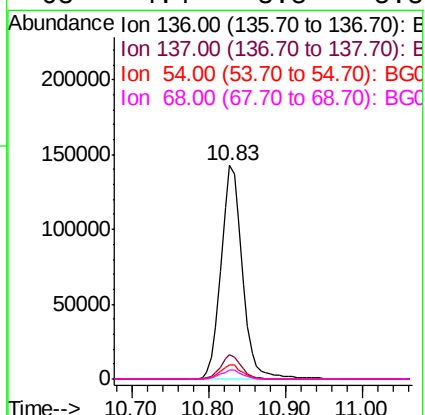
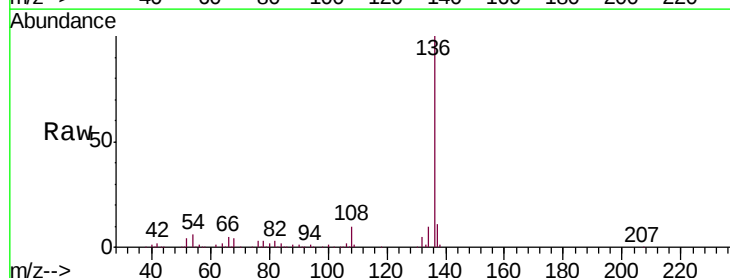
Ion Ratio Lower Upper

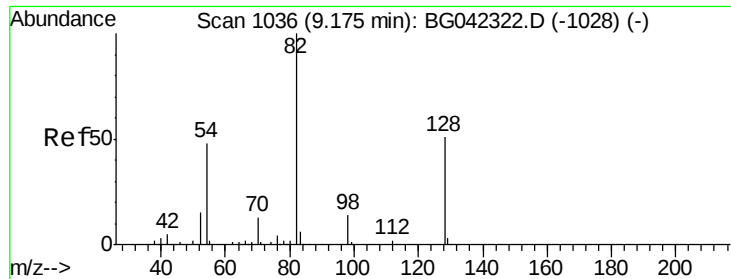
136 100

137 11.5 8.4 12.6

54 6.4 5.0 7.4

68 4.4 3.8 5.8

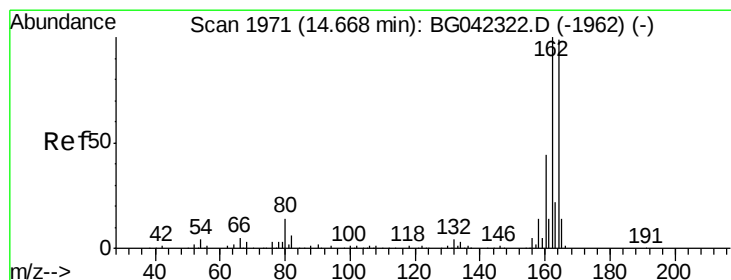
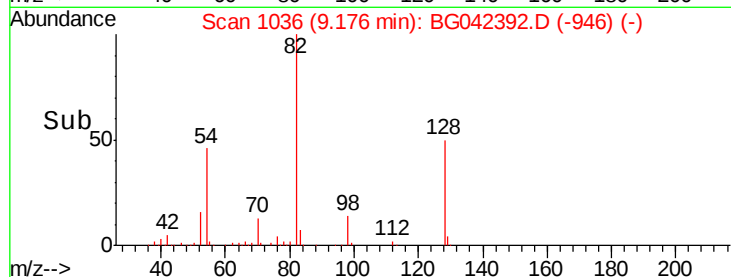
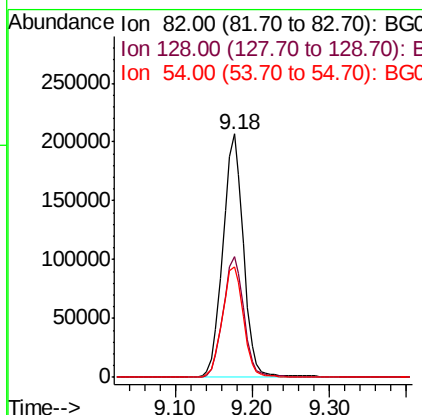
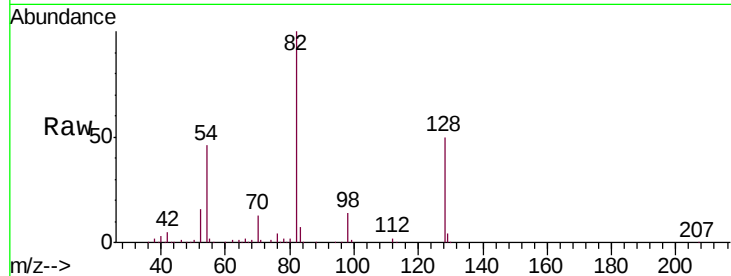




#23
Nitrobenzene-d5
Concen: 98.341 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042392.D
Acq: 21 Aug 2019 20:38

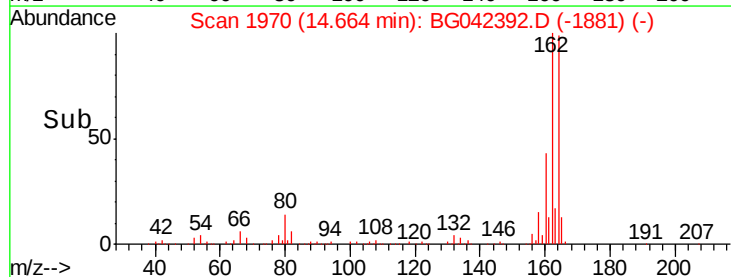
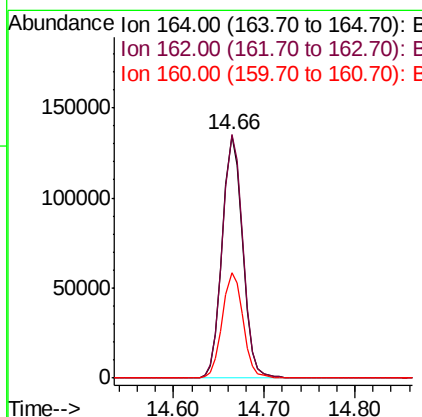
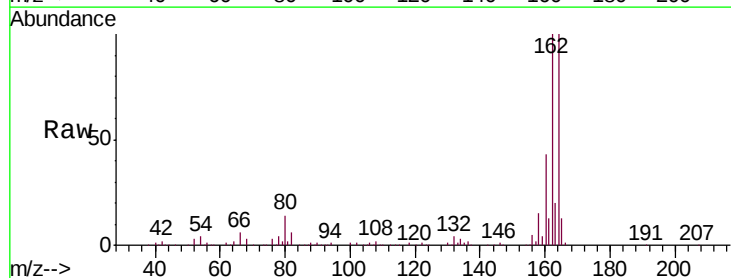
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

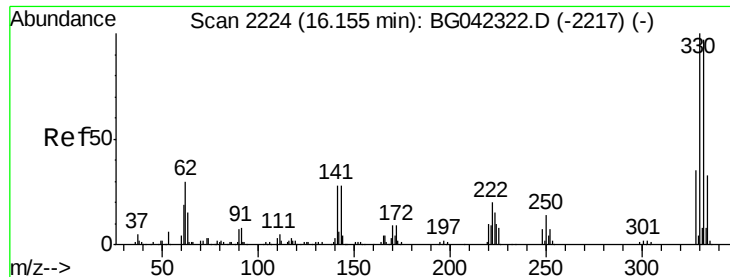
Tot Ion	82	Resp	385570
Ion Ratio	Lower	Upper	
82	100		
128	49.7	41.0	61.4
54	45.6	38.0	57.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042392.D
Acq: 21 Aug 2019 20:38

Tgt Ion	164	Resp	210857
Ion Ratio	Lower	Upper	
164	100		
162	100.3	80.6	120.8
160	43.2	35.7	53.5

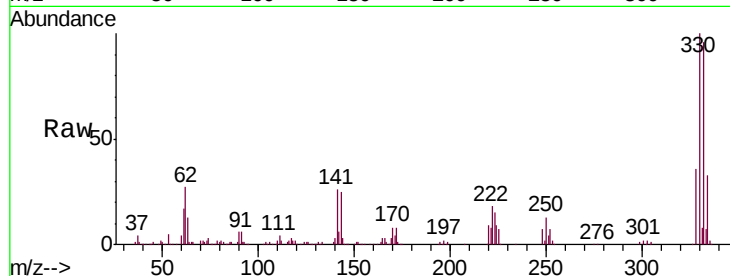




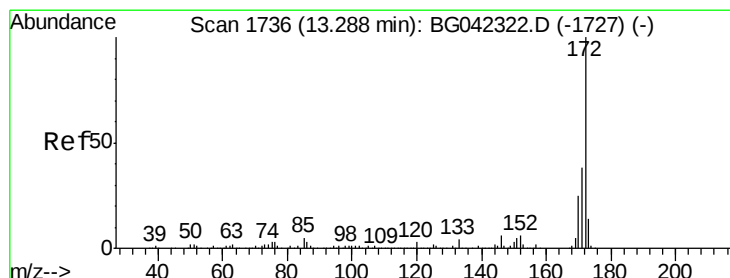
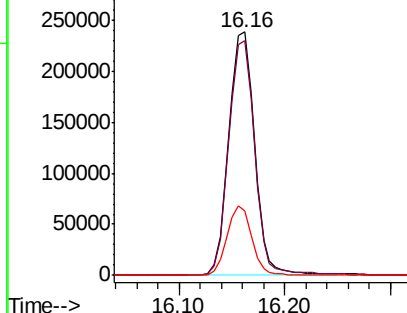
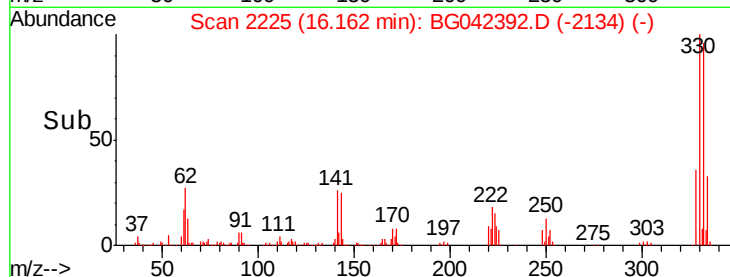
#42
 2,4,6-Tribromophenol
 Concen: 140.871 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.01 min
 Lab File: BG042392.D
 Acq: 21 Aug 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	27.6	21.8	32.6

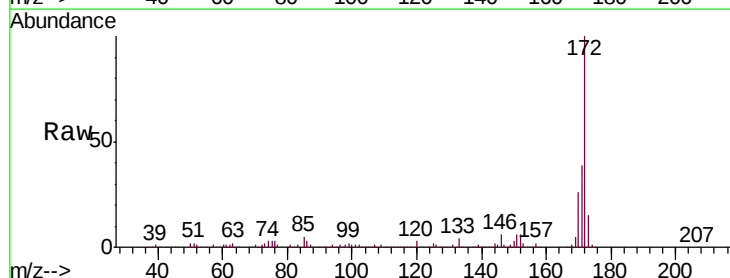


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

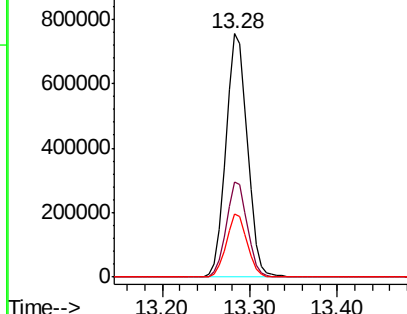
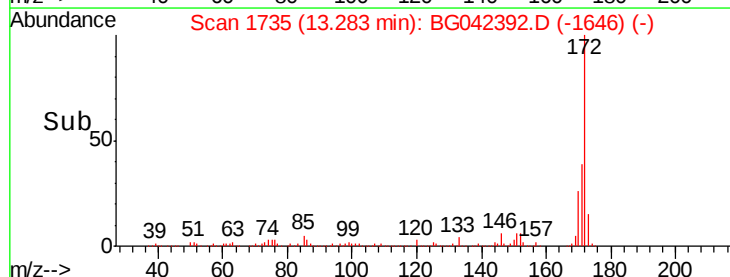


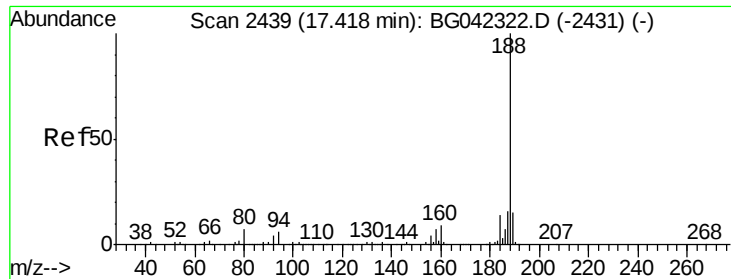
#45
 2-Fluorobiphenyl
 Concen: 101.127 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042392.D
 Acq: 21 Aug 2019 20:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.3	45.5
170	25.7	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG042392.D

Acq: 21 Aug 2019 20:38

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

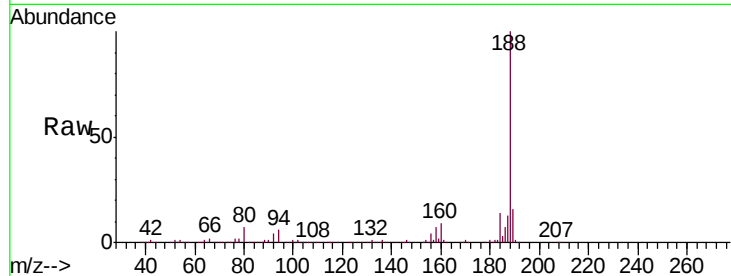
Tot Ion:188 Resp: 461877

Ion Ratio Lower Upper

188 100

94 6.3 4.9 7.3

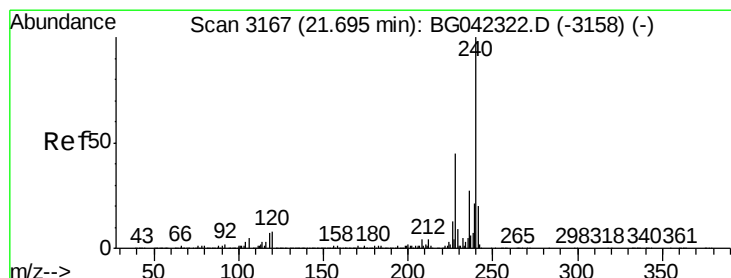
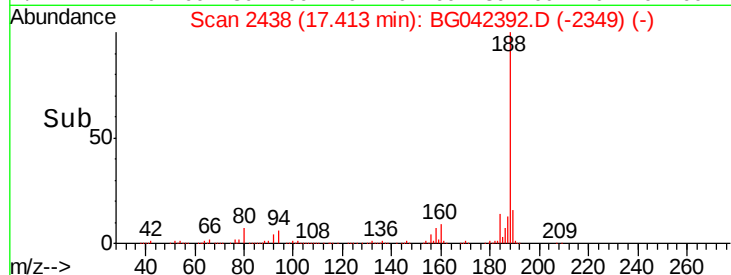
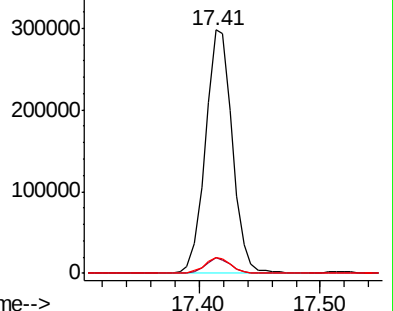
80 6.6 5.4 8.0



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. -0.00 min

Lab File: BG042392.D

Acq: 21 Aug 2019 20:38

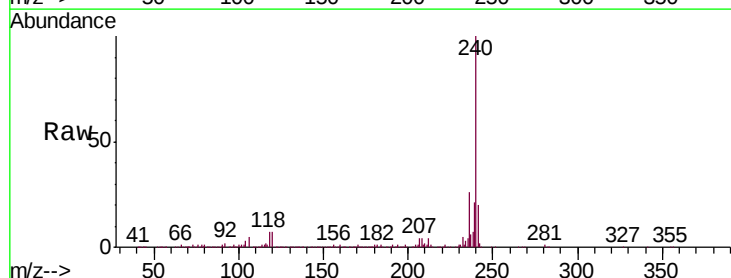
Tgt Ion:240 Resp: 399063

Ion Ratio Lower Upper

240 100

120 6.9 6.0 9.0

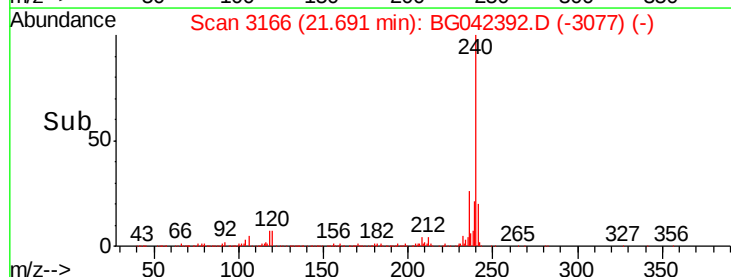
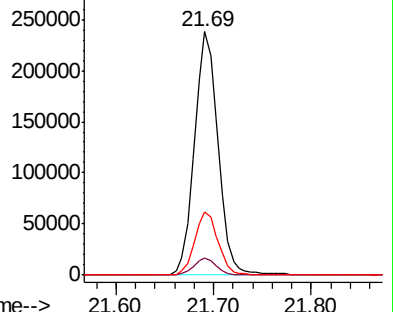
236 25.7 21.6 32.4

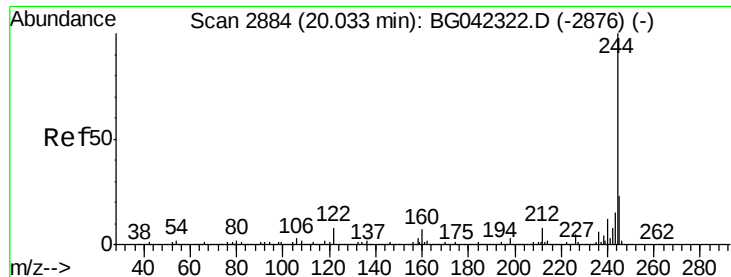


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.621 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042392.D

Acq: 21 Aug 2019 20:38

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

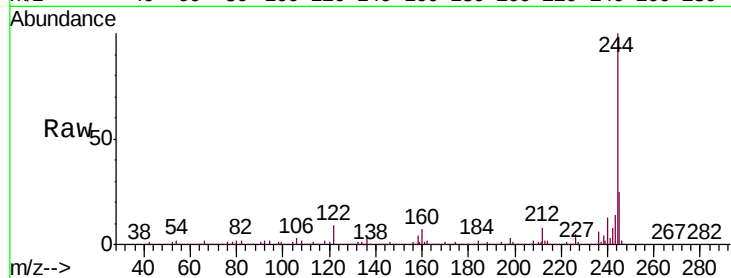
Tot Ion:244 Resp: 1815069

Ion Ratio Lower Upper

244 100

212 8.4 6.4 9.6

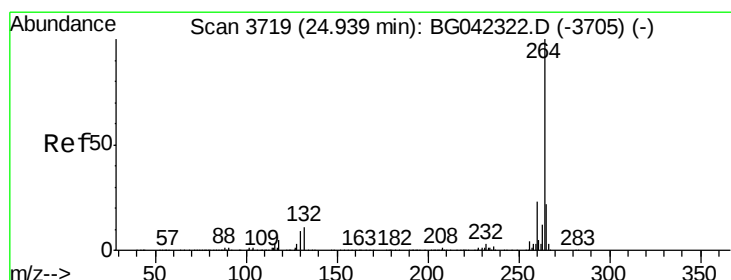
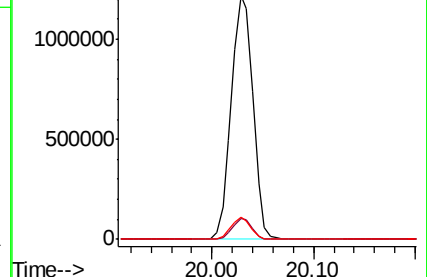
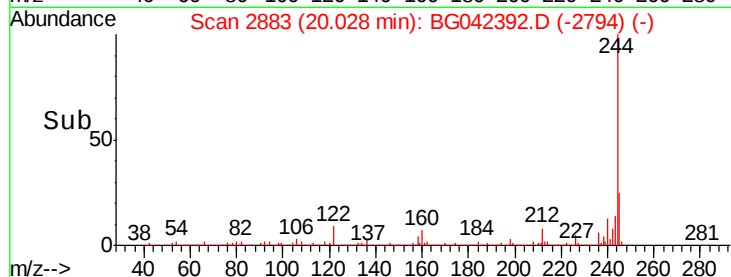
122 9.4 6.6 10.0



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: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042392.D

Acq: 21 Aug 2019 20:38

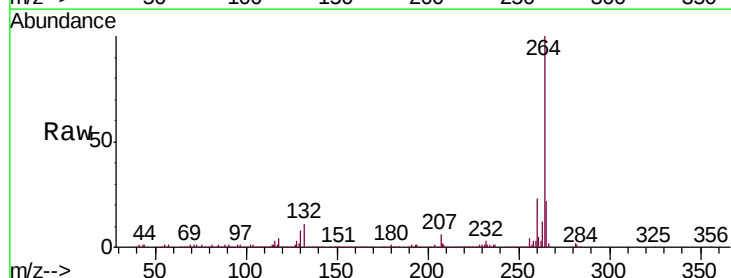
Tgt Ion:264 Resp: 465899

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 22.1 17.4 26.0



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

