

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042360.D
 Acq On : 20 Aug 2019 15:47
 Operator : HP/JU
 Sample : K4386-28
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T8-F-(0-2)

Quant Time: Aug 21 04:15:41 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

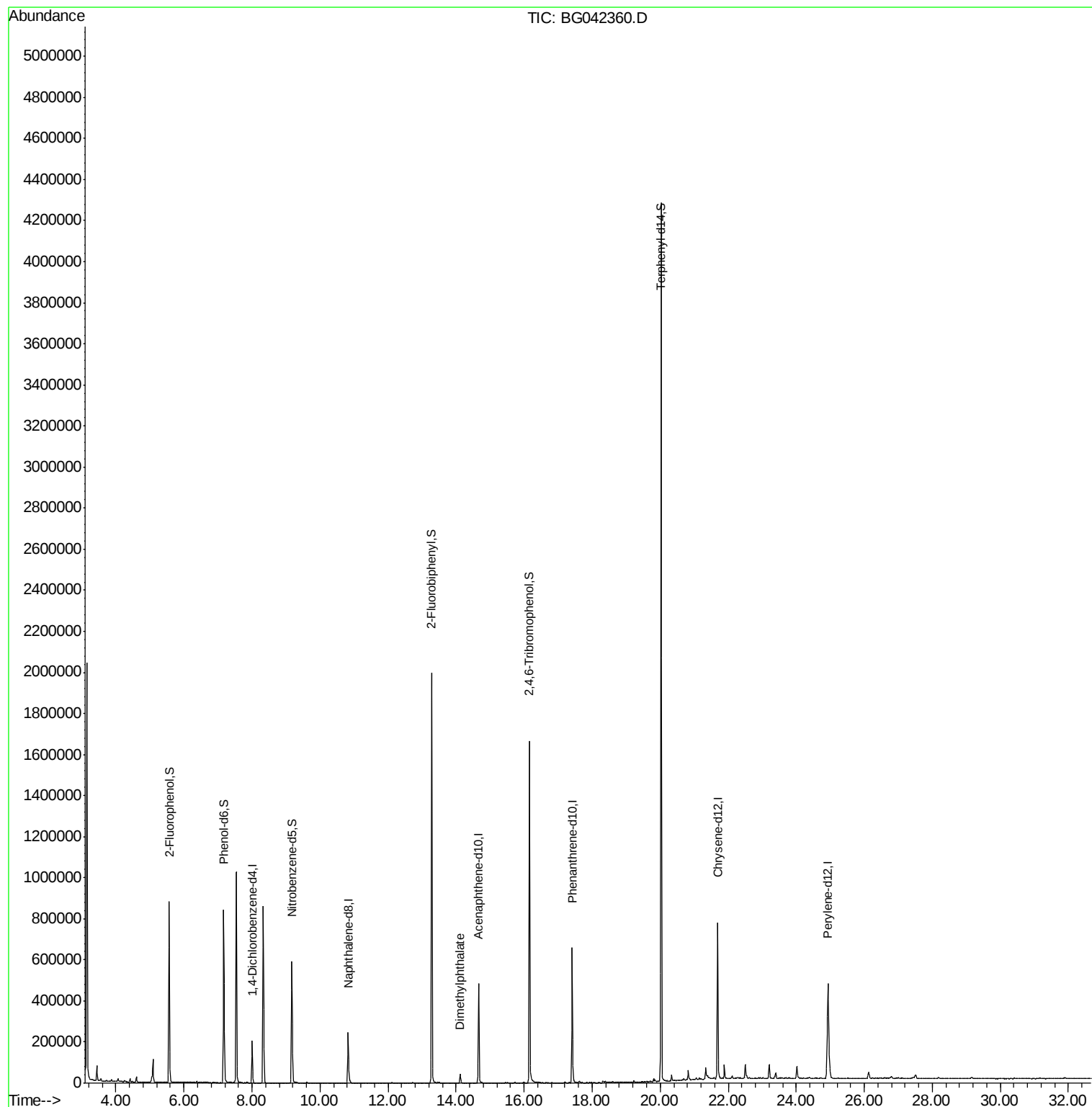
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	68099	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	267918	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	192316	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	449852	20.00	ng	0.00
76) Chrysene-d12	21.69	240	477825	20.00	ng	0.00
87) Perylene-d12	24.93	264	546120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	457709	136.18	ng	0.00
7) Phenol-d6	7.17	99	577058	126.42	ng	0.00
23) Nitrobenzene-d5	9.17	82	394324	103.52	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	399975	152.70	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1167421	102.72	ng	0.00
79) Terphenyl-d14	20.03	244	2046618	93.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	48813	3.572	ng	99

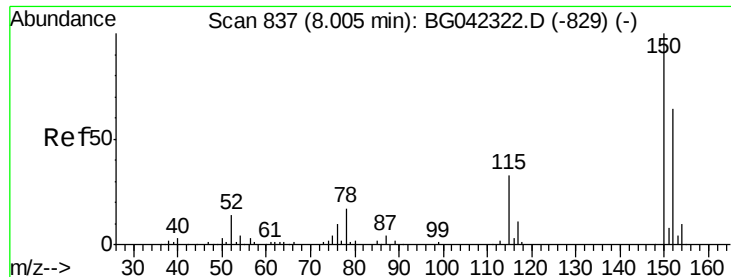
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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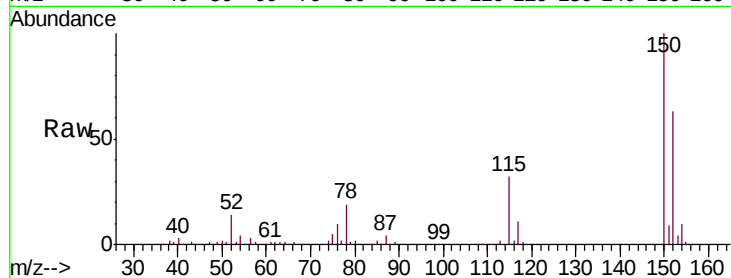


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :
T8-F-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.3	186.5
115	50.7	40.5	60.7

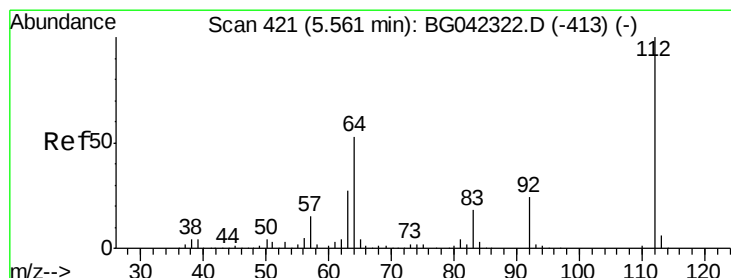
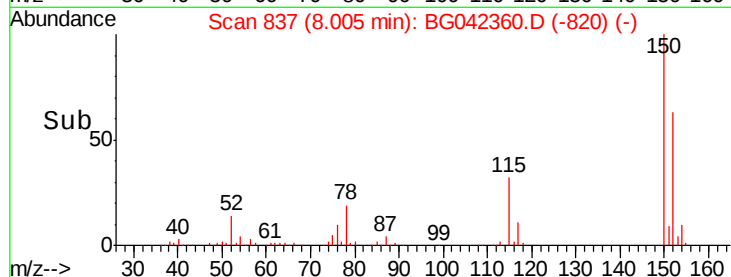
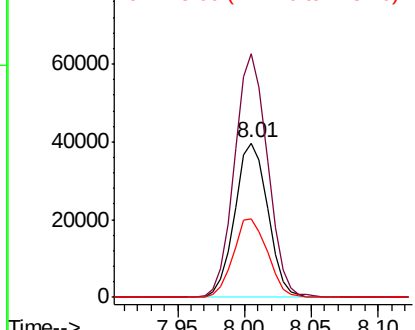


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

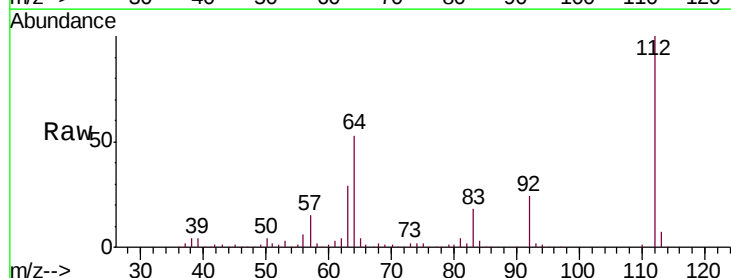
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.179 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.5	63.7
63	28.5	21.7	32.5

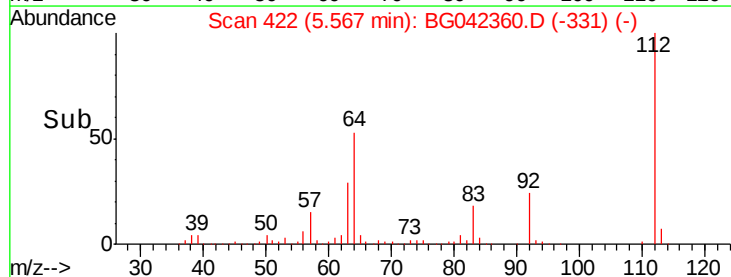
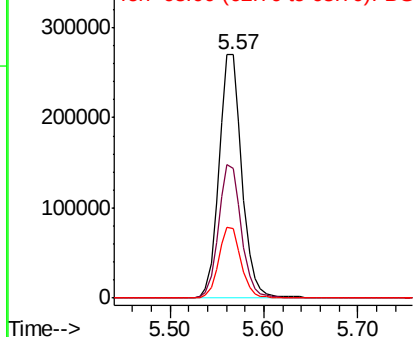


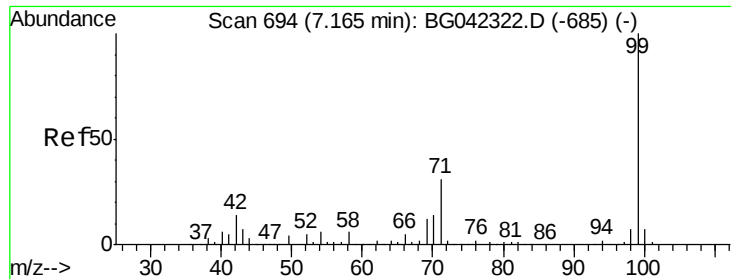
Abundance

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: 126.415 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042360.D

Acq: 20 Aug 2019 15:47

Instrument :

BNA_G

ClientSampled :

T8-F-(0-2)

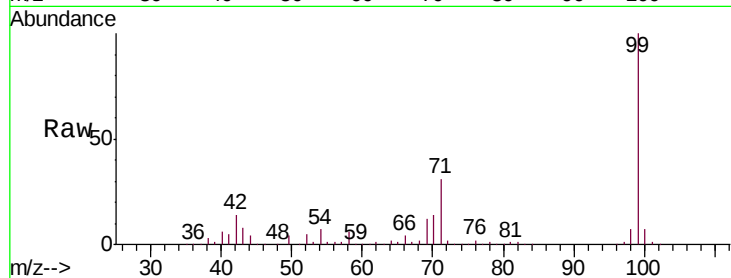
Tot Ion: 99 Resp: 577058

Ion Ratio Lower Upper

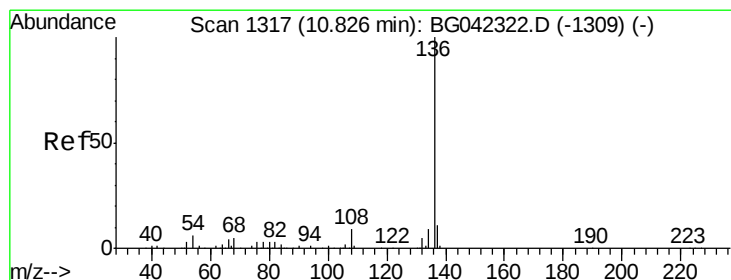
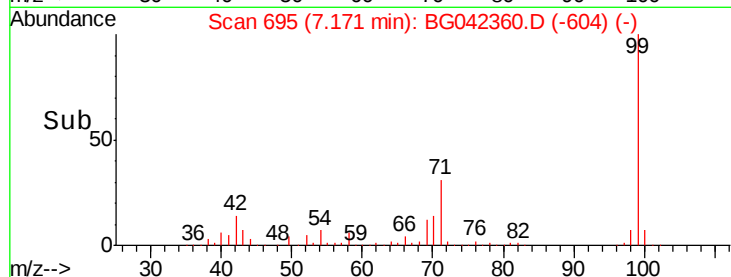
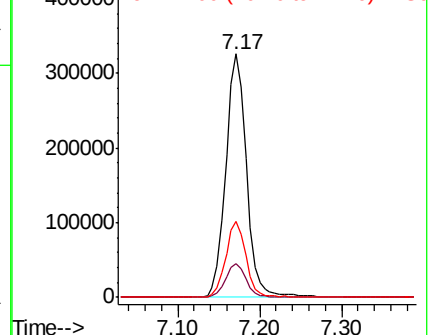
99 100

42 14.0 11.4 17.0

71 31.3 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: BG042360.D

Acq: 20 Aug 2019 15:47

Tgt Ion: 136 Resp: 267918

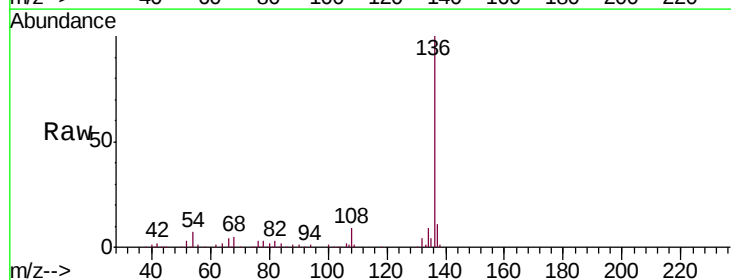
Ion Ratio Lower Upper

136 100

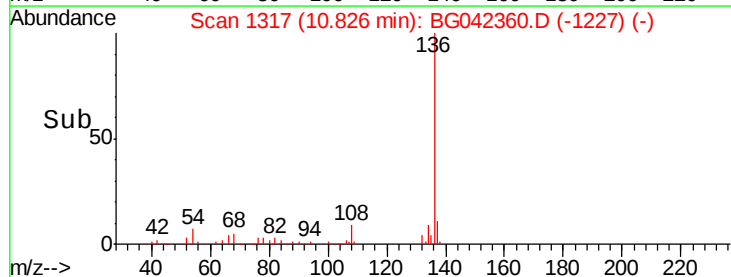
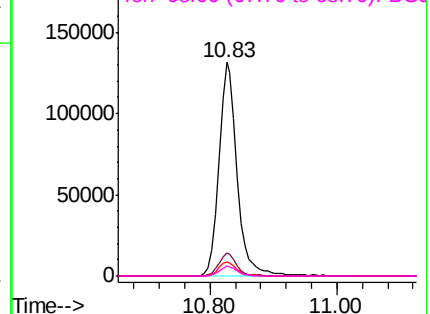
137 10.6 8.4 12.6

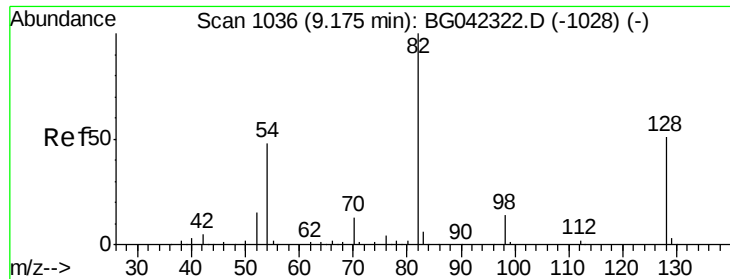
54 6.6 5.0 7.4

68 4.6 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

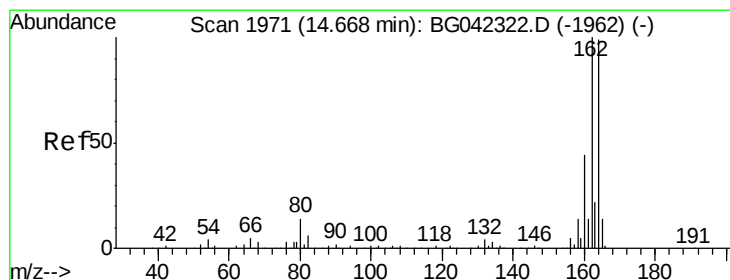
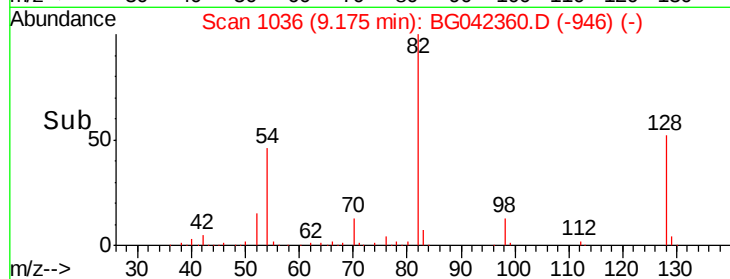
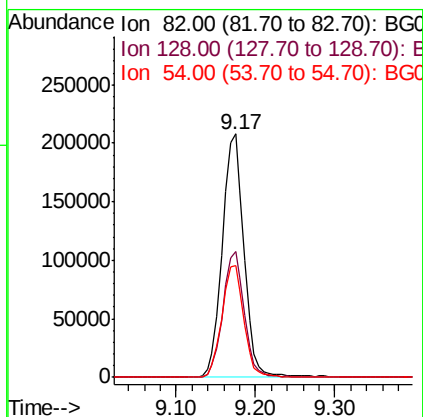
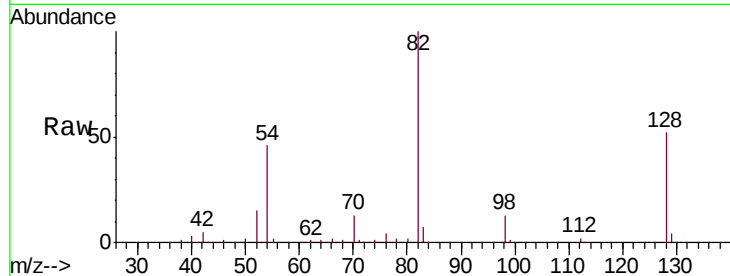




#23
Nitrobenzene-d5
Concen: 103.517 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

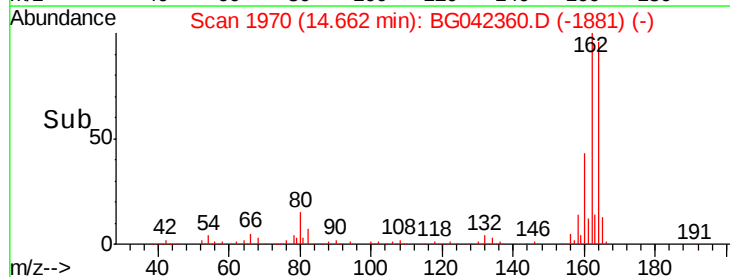
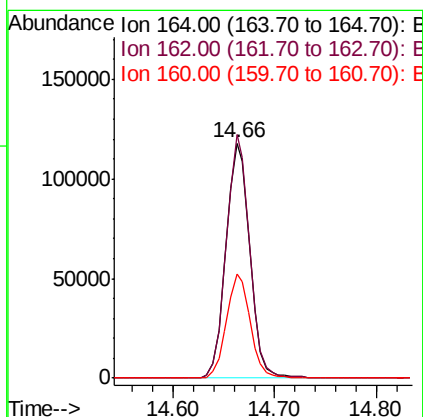
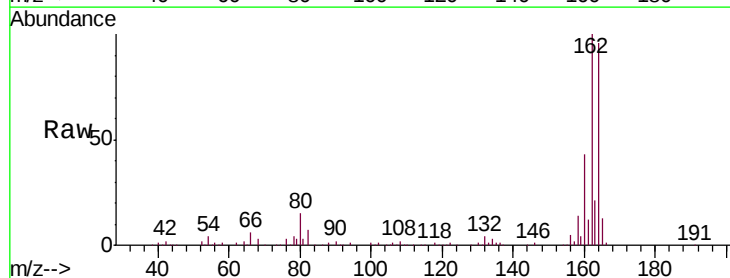
Instrument :
BNA_G
ClientSampleId :
T8-F-(0-2)

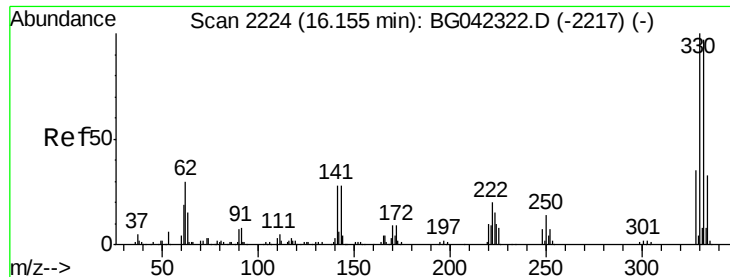
Tot Ion	82	Resp	394324
Ion Ratio	Lower	Upper	
82	100		
128	51.9	41.0	61.4
54	45.9	38.0	57.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion	164	Resp	192316
Ion Ratio	Lower	Upper	
164	100		
162	103.6	80.6	120.8
160	44.6	35.7	53.5

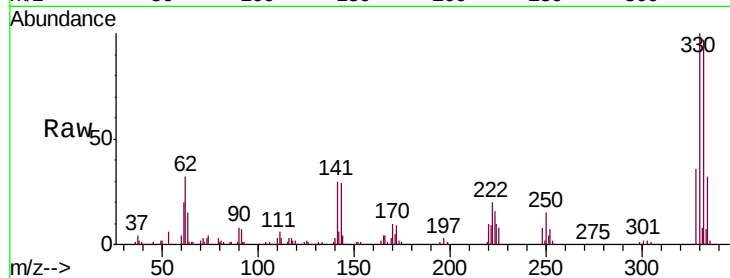




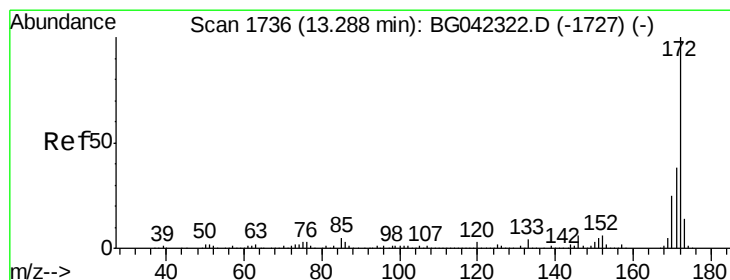
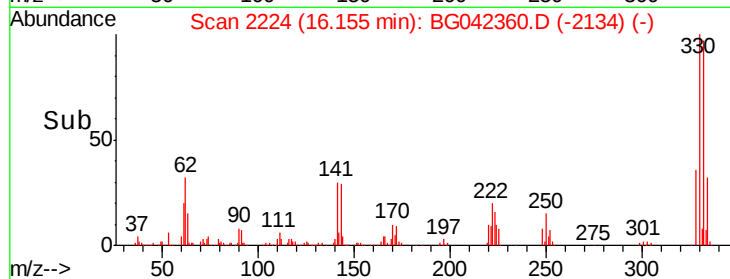
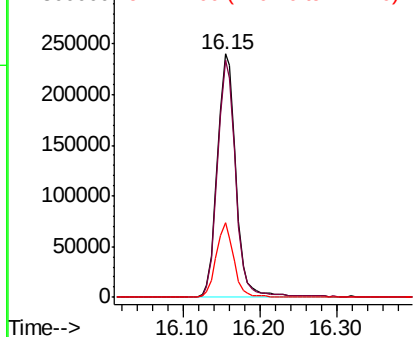
#42
 2,4,6-Tribromophenol
 Concen: 152.703 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG042360.D
 Acq: 20 Aug 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 T8-F-(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	28.9	21.8	32.6

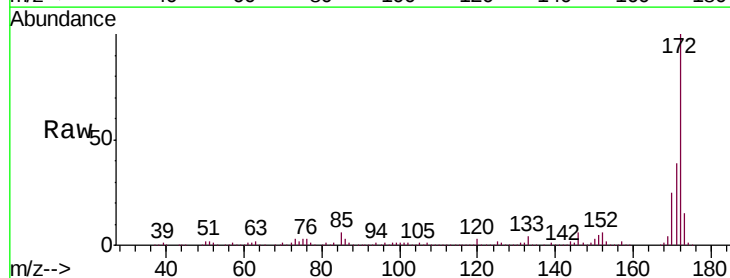


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

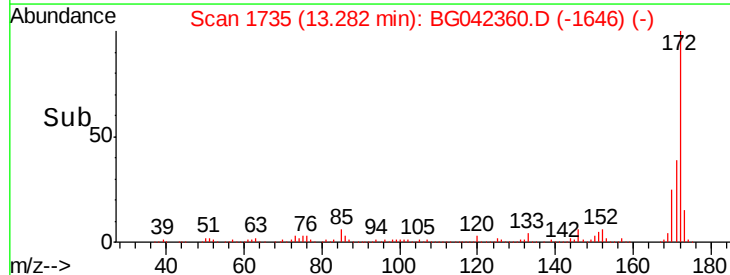
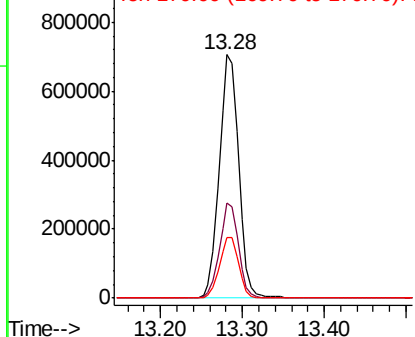


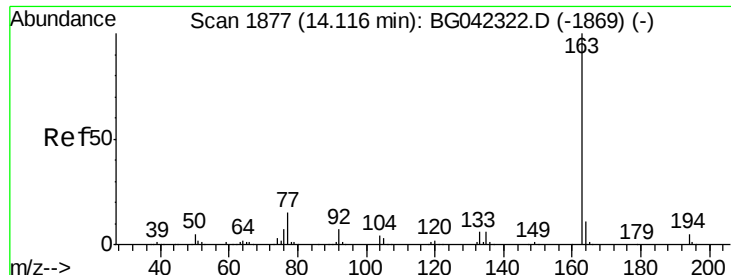
#45
 2-Fluorobiphenyl
 Concen: 102.720 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG042360.D
 Acq: 20 Aug 2019 15:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.3	45.5
170	25.0	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: 3.572 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG042360.D

Acq: 20 Aug 2019 15:47

Instrument :

BNA_G

ClientSampleId :

T8-F-(0-2)

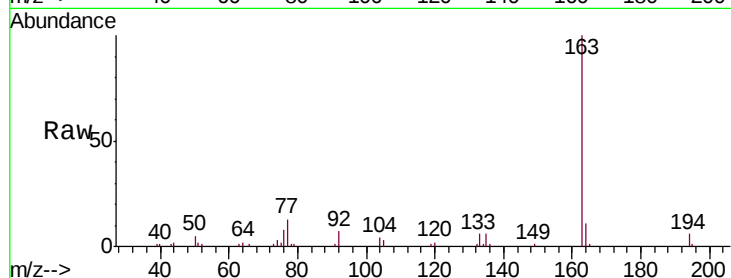
Tot Ion:163 Resp: 48813

Ion Ratio Lower Upper

163 100

194 5.7 4.2 6.2

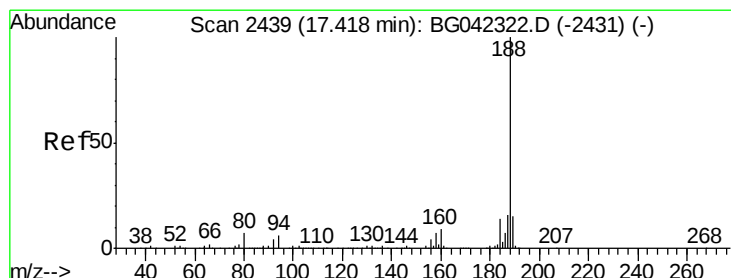
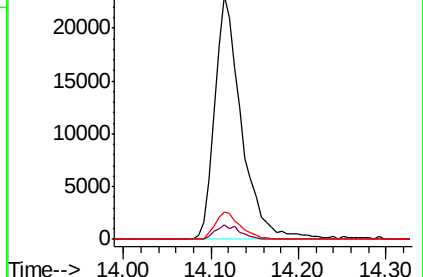
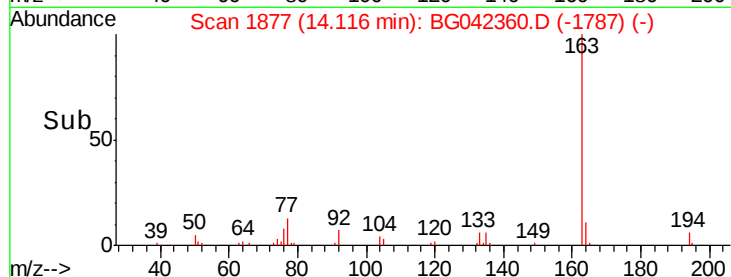
164 11.2 8.8 13.2



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: BG042360.D

Acq: 20 Aug 2019 15:47

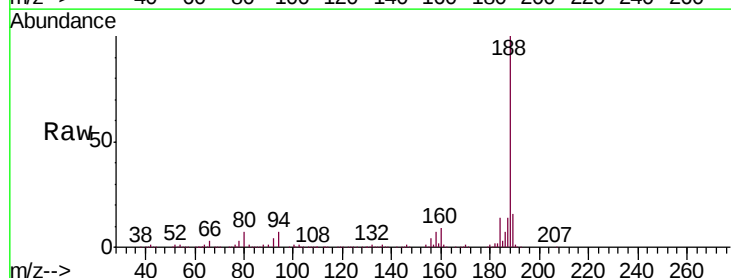
Tgt Ion:188 Resp: 449852

Ion Ratio Lower Upper

188 100

94 6.9 4.9 7.3

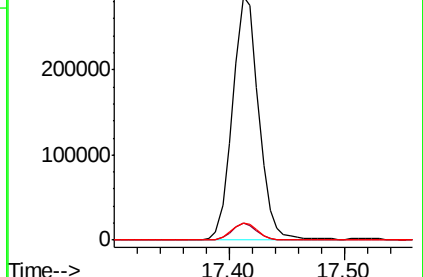
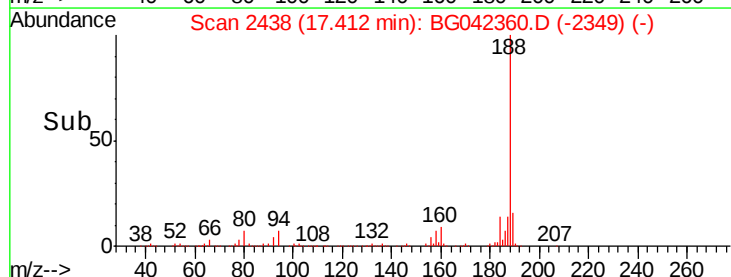
80 7.1 5.4 8.0

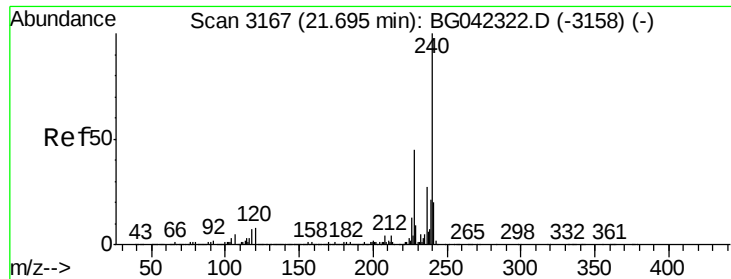


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

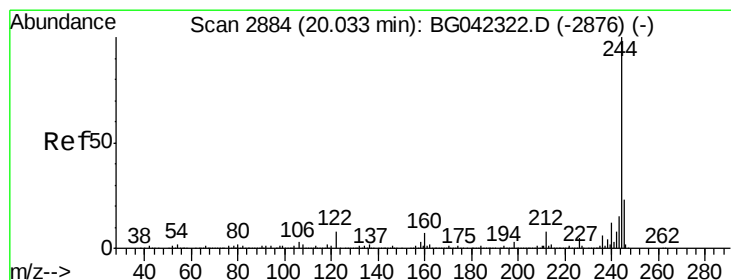
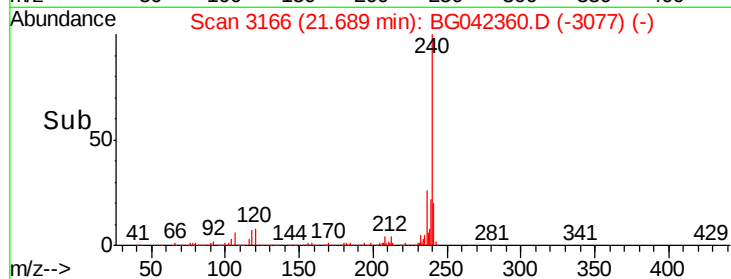
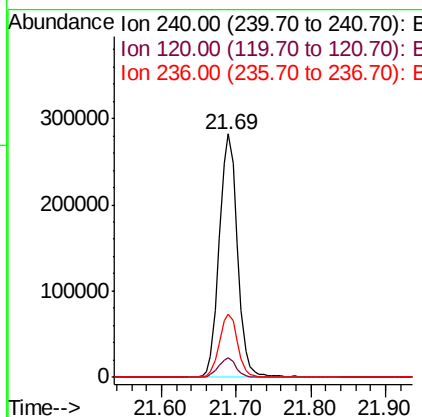
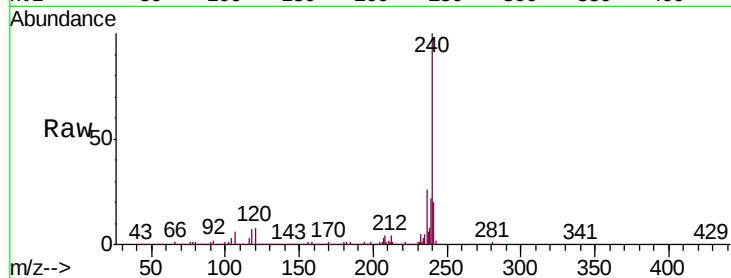




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

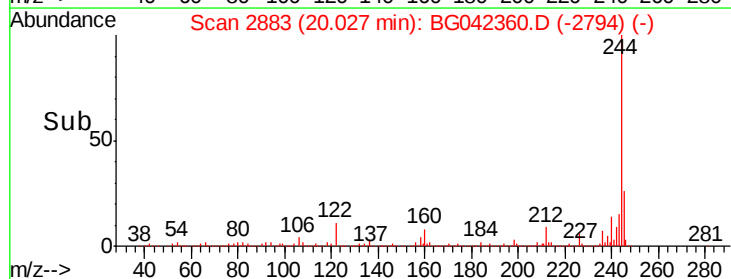
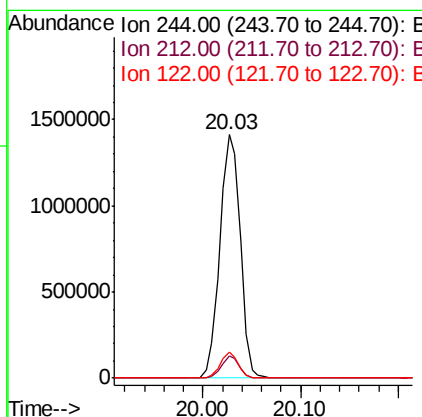
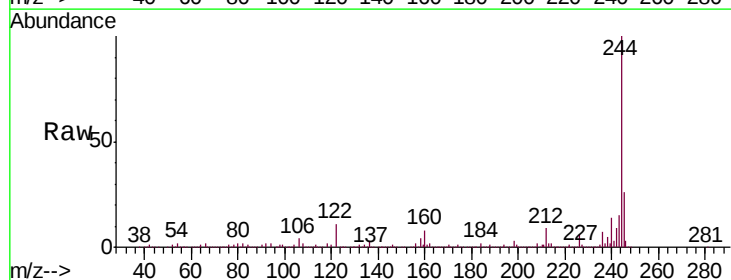
Instrument :
BNA_G
ClientSampleId :
T8-F-(0-2)

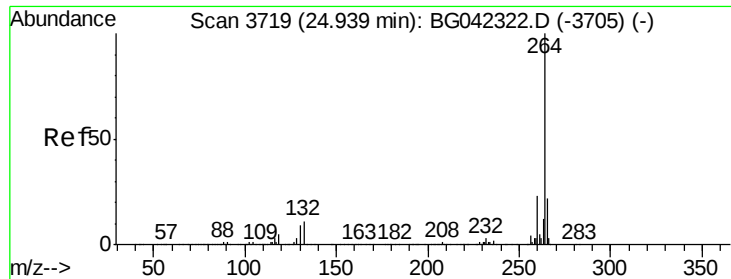
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.0	9.0
236	26.1	21.6	32.4



#79
Terphenyl-d14
Concen: 93.814 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.4	9.6
122	10.6	6.6	10.0#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :
T8-F-(0-2)

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.8	18.4	27.6	
265	22.5	17.4	26.0	

