

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042878.D
 Acq On : 17 Sep 2019 21:56
 Operator : HP/JU
 Sample : K4924-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-45-COMP

Quant Time: Sep 18 02:22:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

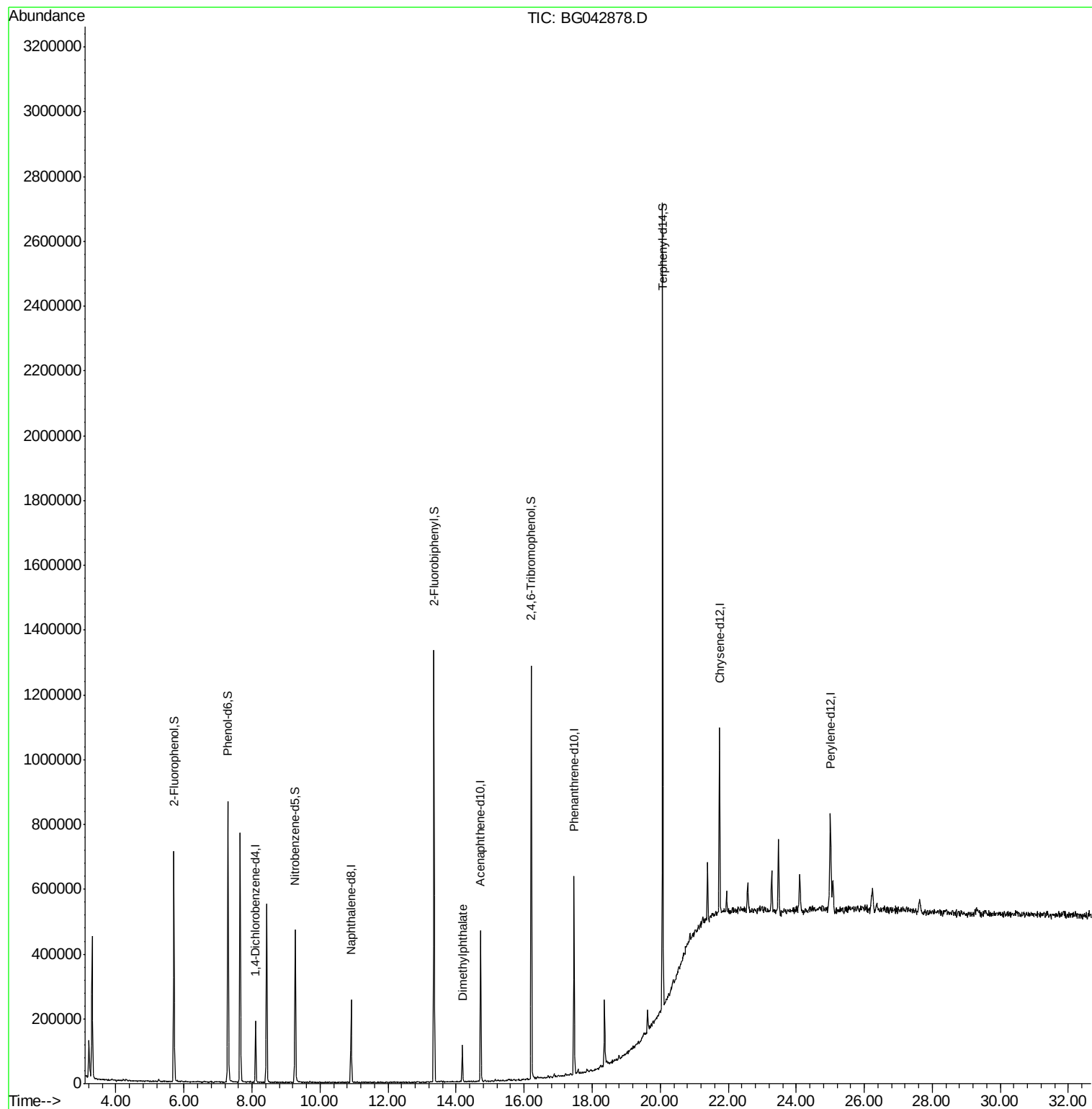
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	50282	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	209532	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	161791	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	387791	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	332986	20.00	ng	-0.02
87) Perylene-d12	25.00	264	353416	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	276358	95.55	ng	0.02
7) Phenol-d6	7.30	99	443637	106.87	ng	0.03
23) Nitrobenzene-d5	9.28	82	290876	72.27	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	253085	117.58	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	708656	69.33	ng	-0.02
79) Terphenyl-d14	20.07	244	1133596	75.45	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.19	163	75856	6.259	ng	Qvalue 96

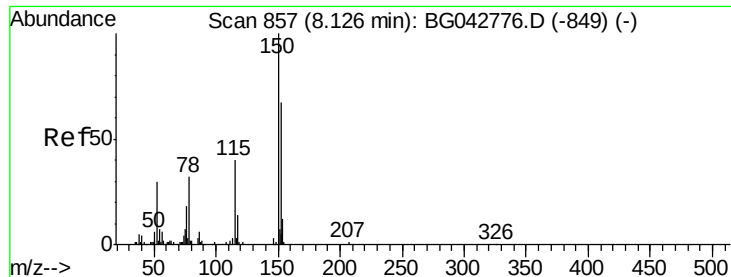
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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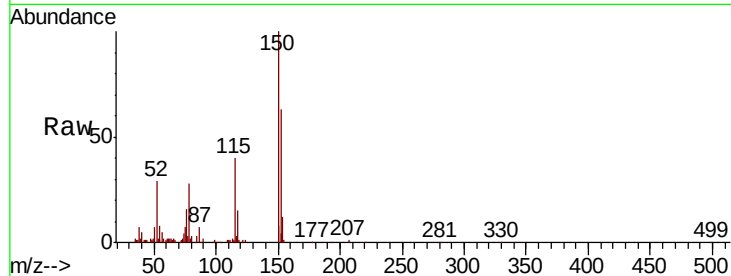


#1

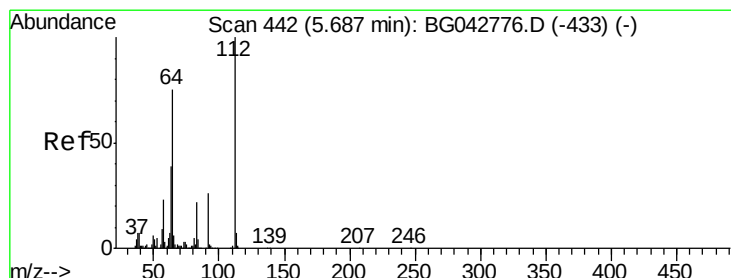
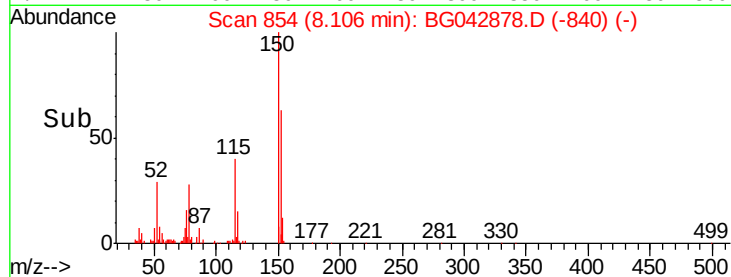
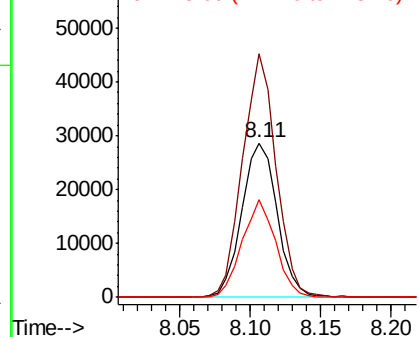
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG042878.D
Acq: 17 Sep 2019 21:56

Instrument :
BNA_G
ClientSampleId :
SB-45-COMP

Tot Ion:152 Resp: 50282
Ion Ratio Lower Upper
152 100
150 157.8 118.9 178.3
115 63.3 47.4 71.2



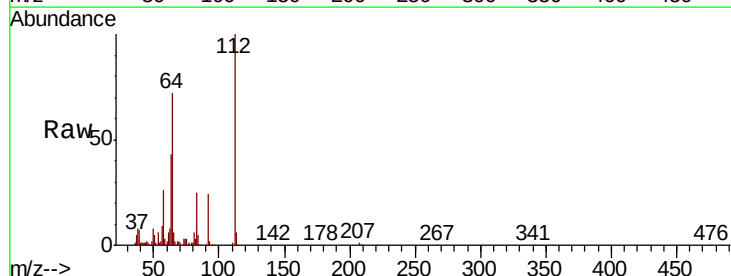
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



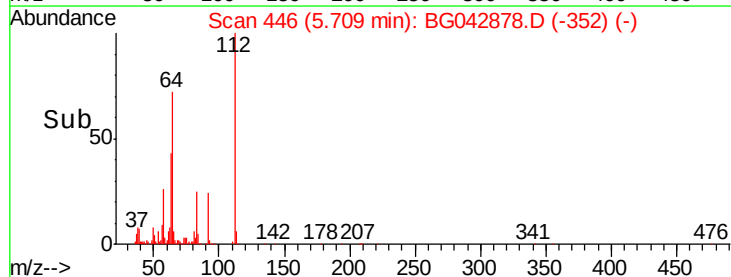
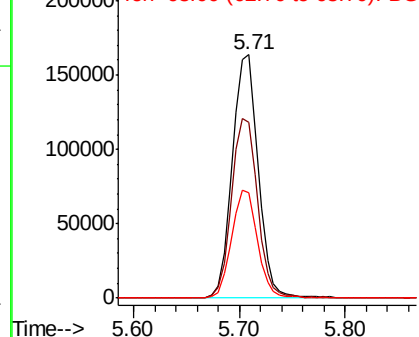
#5

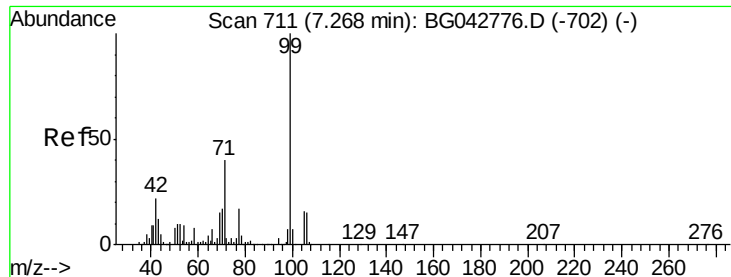
2-Fluorophenol
Concen: 95.553 ng
RT: 5.71 min Scan# 446
Delta R.T. 0.02 min
Lab File: BG042878.D
Acq: 17 Sep 2019 21:56

Tgt Ion:112 Resp: 276358
Ion Ratio Lower Upper
112 100
64 72.0 60.2 90.2
63 43.3 31.2 46.8



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: 106.868 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.03 min

Lab File: BG042878.D

Acq: 17 Sep 2019 21:56

Instrument :

BNA_G

ClientSampleId :

SB-45-COMP

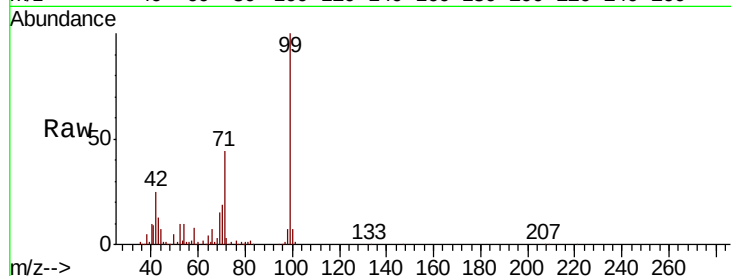
Tot Ion: 99 Resp: 443637

Ion Ratio Lower Upper

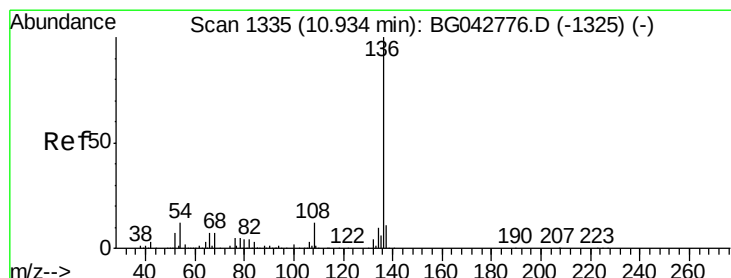
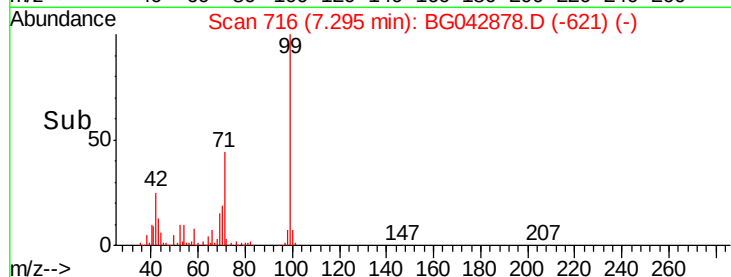
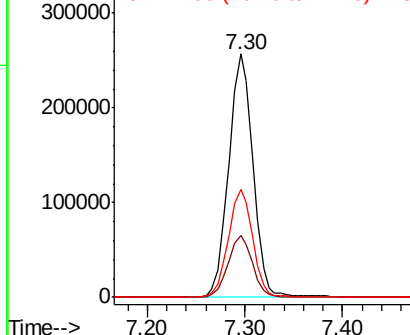
99 100

42 25.4 17.5 26.3

71 44.5 32.0 48.0



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: 10.91 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BG042878.D

Acq: 17 Sep 2019 21:56

Tgt Ion: 136 Resp: 209532

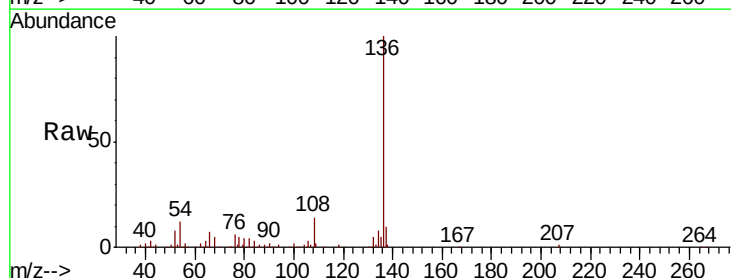
Ion Ratio Lower Upper

136 100

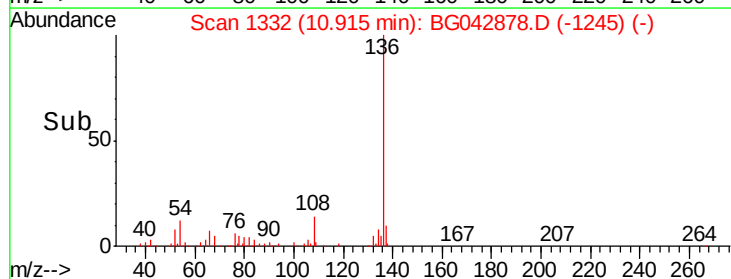
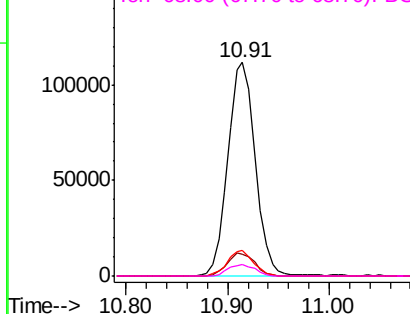
137 10.4 9.0 13.6

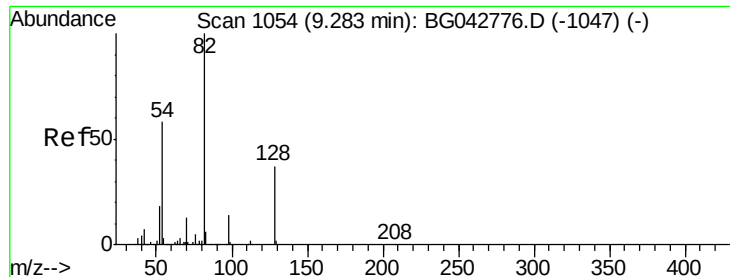
54 11.7 9.4 14.0

68 5.1 5.4 8.2#



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

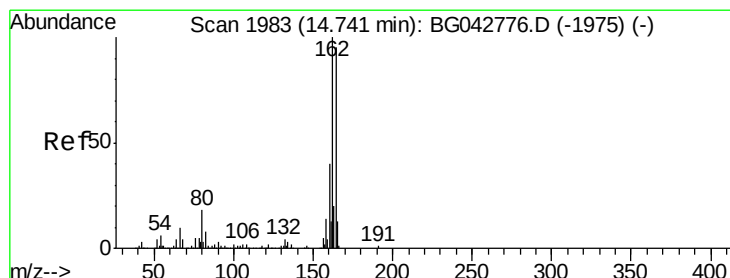
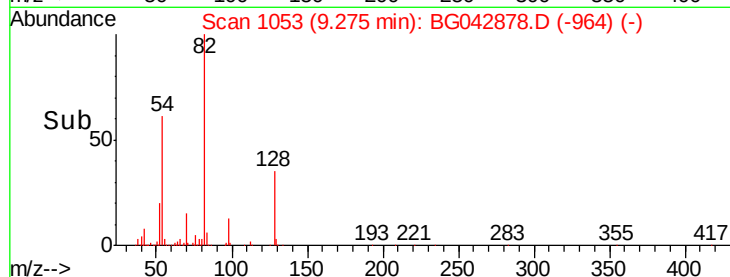
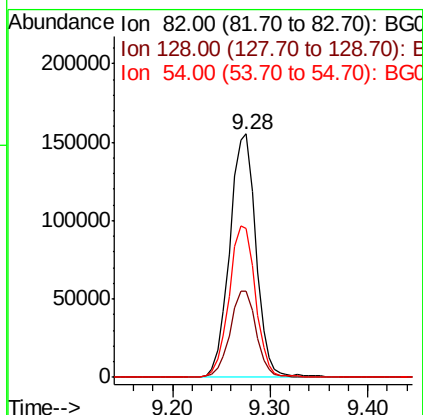
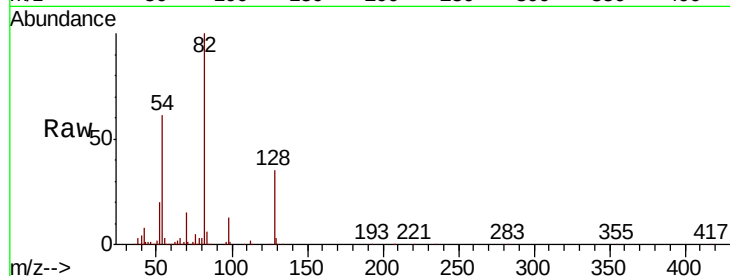




#23
 Nitrobenzene-d5
 Concen: 72.274 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042878.D
 Acq: 17 Sep 2019 21:56

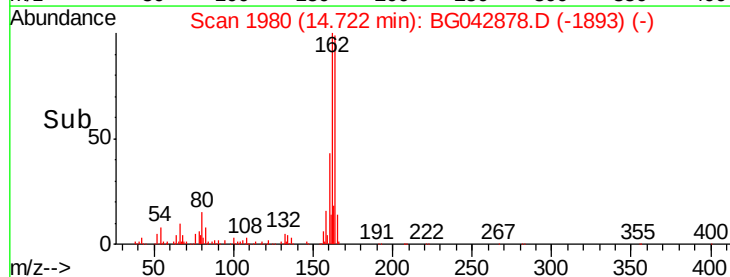
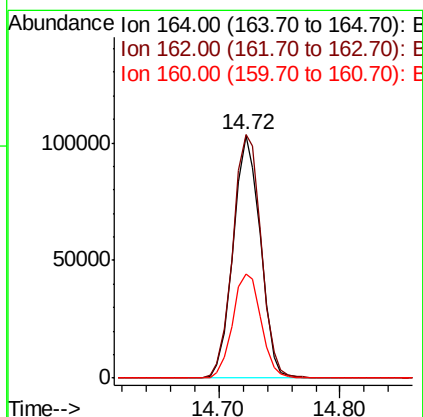
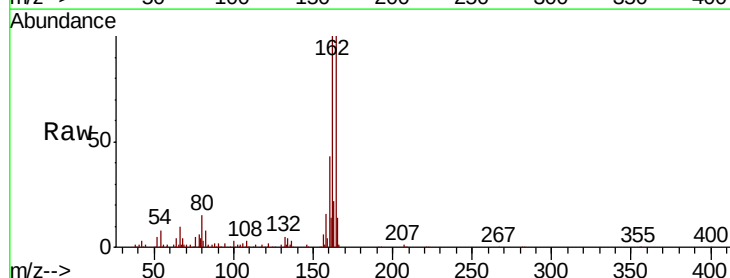
Instrument :
 BNA_G
 ClientSampleId :
 SB-45-COMP

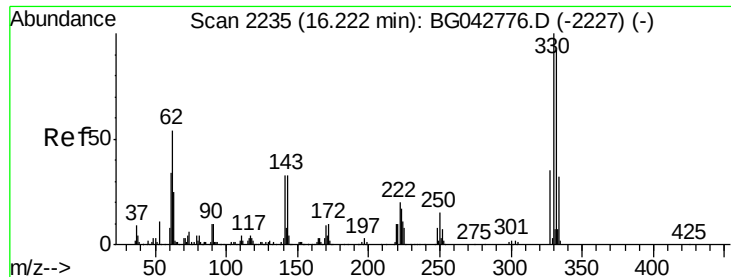
Tot Ion	82	Resp	290876
Ion Ratio	Lower	Upper	
82	100		
128	35.5	29.8	44.8
54	61.4	46.1	69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.02 min
 Lab File: BG042878.D
 Acq: 17 Sep 2019 21:56

Tgt Ion	164	Resp	161791
Ion Ratio	Lower	Upper	
164	100		
162	100.4	84.6	126.8
160	43.2	34.2	51.2

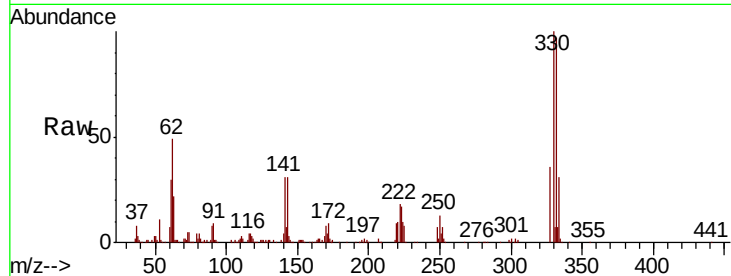




#42
 2,4,6-Tribromophenol
 Concen: 117.577 ng
 RT: 16.21 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BG042878.D
 Acq: 17 Sep 2019 21:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-45-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.7	115.1
141	34.2	27.0	40.6

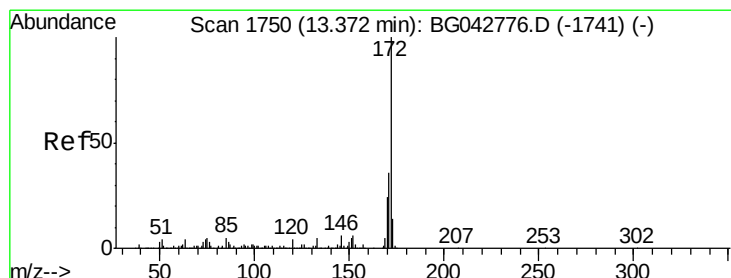
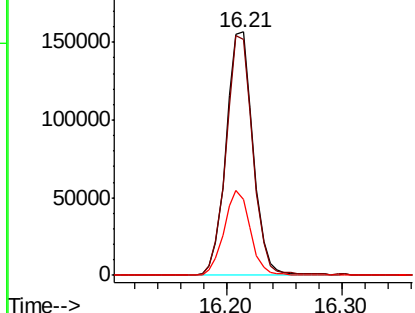
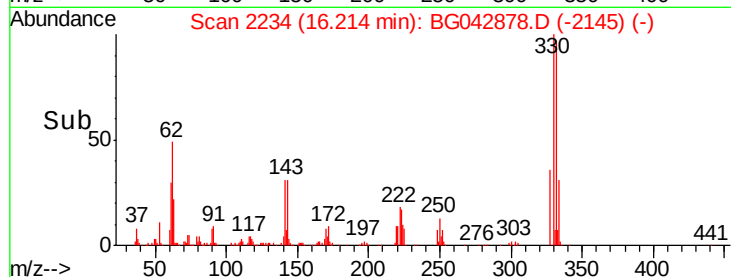


Abundance

Ion 329.80 (329.50 to 330.50): E

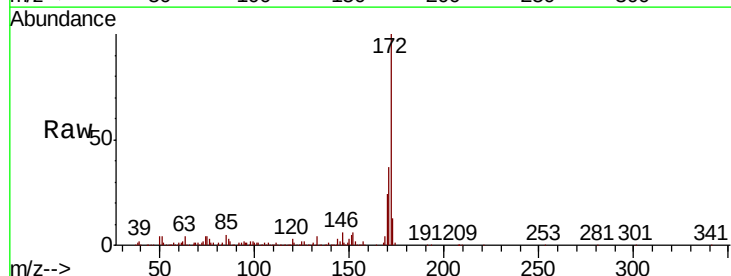
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.334 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BG042878.D
 Acq: 17 Sep 2019 21:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.1	19.1	28.7

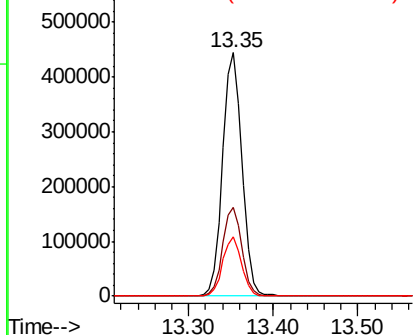
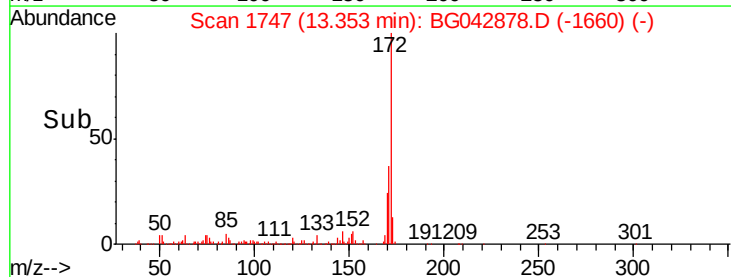


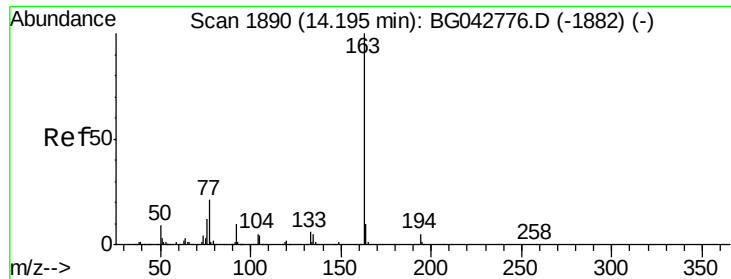
Abundance

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: 6.259 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042878.D

Acq: 17 Sep 2019 21:56

Instrument :

BNA_G

ClientSampleId :

SB-45-COMP

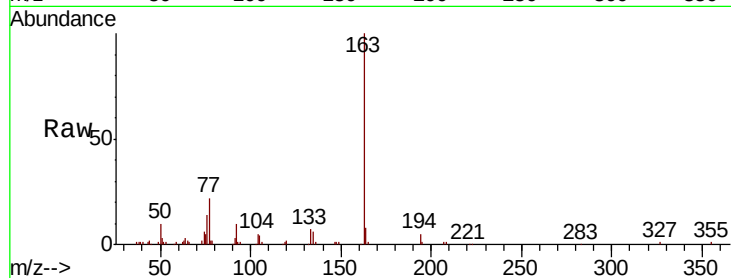
Tot Ion:163 Resp: 75856

Ion Ratio Lower Upper

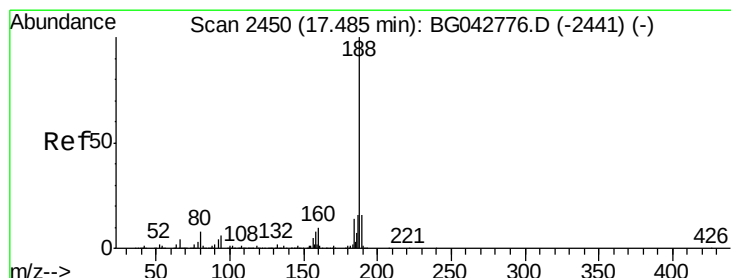
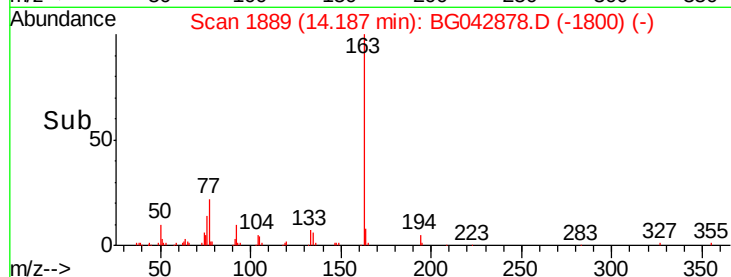
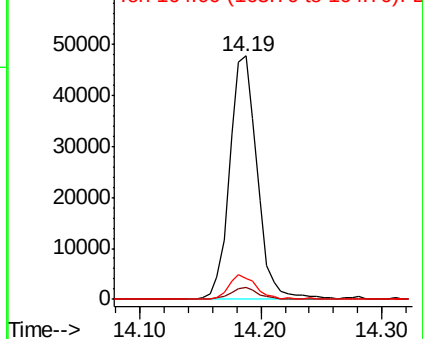
163 100

194 5.0 4.2 6.4

164 8.5 8.4 12.6



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: 17.47 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG042878.D

Acq: 17 Sep 2019 21:56

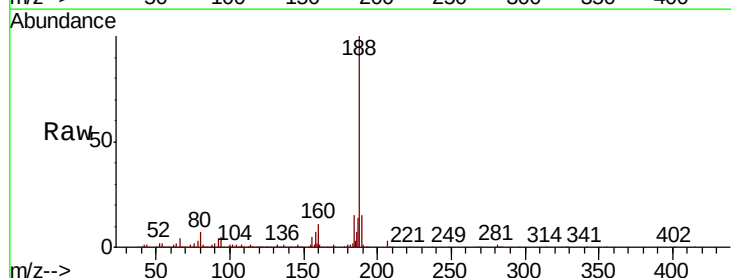
Tgt Ion:188 Resp: 387791

Ion Ratio Lower Upper

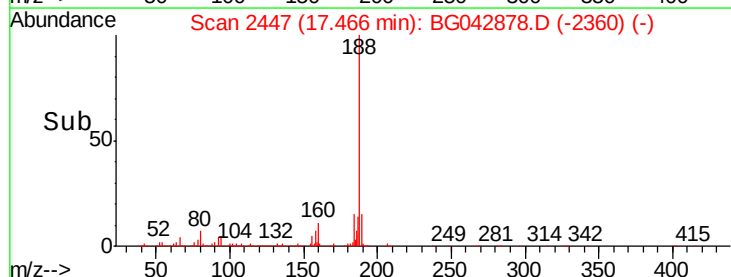
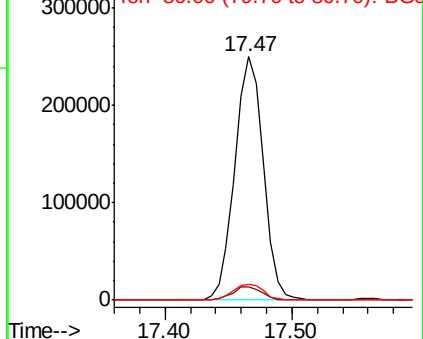
188 100

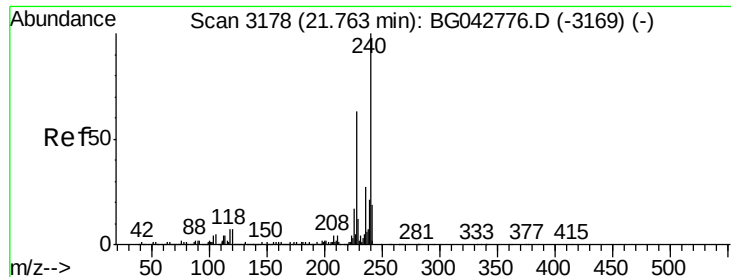
94 5.2 4.8 7.2

80 6.5 6.6 9.8#



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

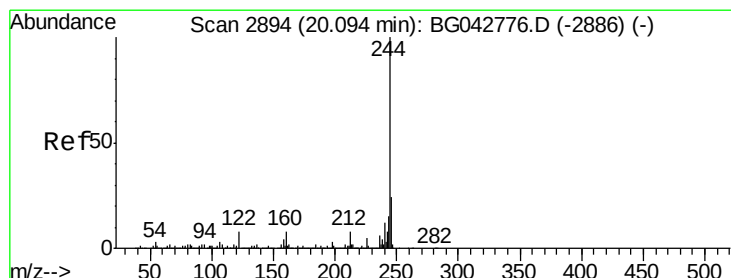
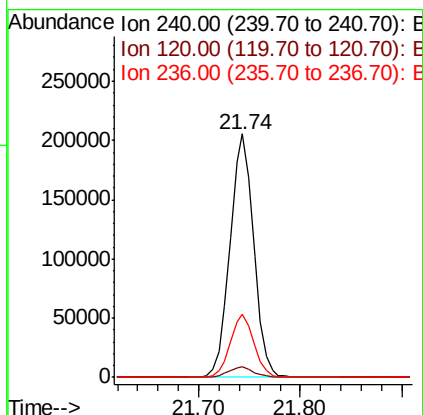
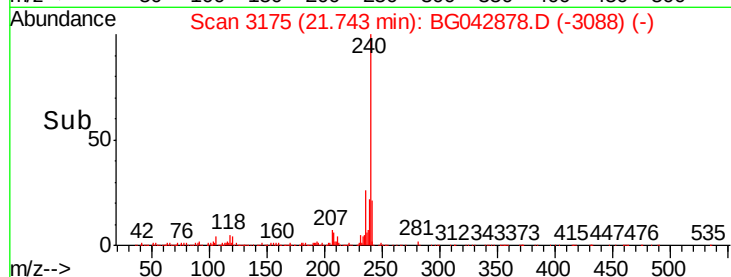
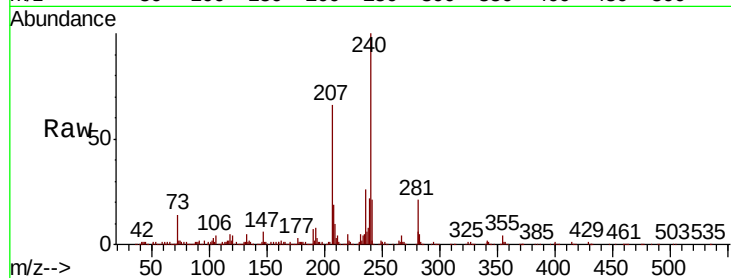




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.02 min
 Lab File: BG042878.D
 Acq: 17 Sep 2019 21:56

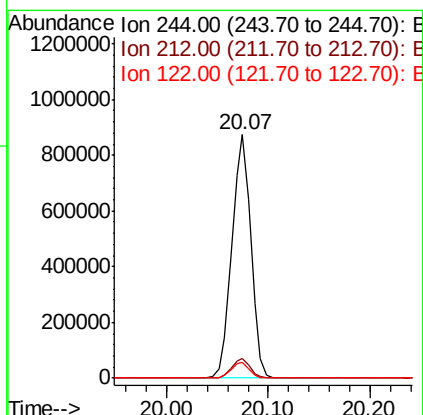
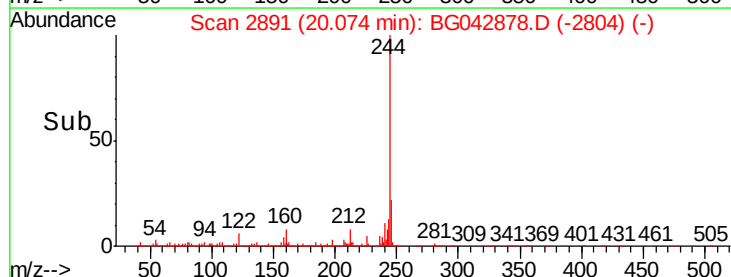
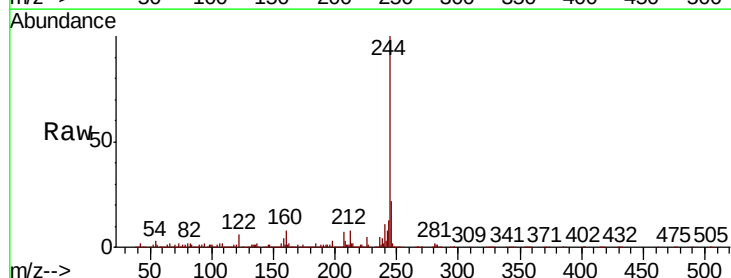
Instrument :
 BNA_G
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 SB-45-COMP

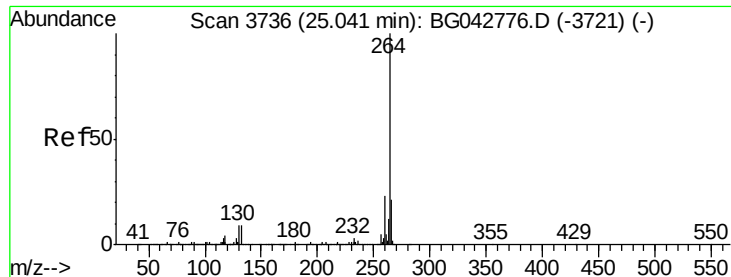
Tot Ion:240 Resp: 332986
 Ion Ratio Lower Upper
 240 100
 120 4.4 5.4 8.2#
 236 25.9 21.7 32.5



#79
 Terphenyl-d14
 Concen: 75.450 ng
 RT: 20.07 min Scan# 2891
 Delta R.T. -0.02 min
 Lab File: BG042878.D
 Acq: 17 Sep 2019 21:56

Tgt Ion:244 Resp: 1133596
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 10.0
 122 6.3 6.2 9.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG042878.D
Acq: 17 Sep 2019 21:56

Instrument :
BNA_G
ClientSampleId :
SB-45-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	25.5	16.9	25.3

