

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042795.D
 Acq On : 12 Sep 2019 23:24
 Operator : HP/JU
 Sample : K4822-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3A-(9.5-10.5)

Quant Time: Sep 13 08:18:59 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

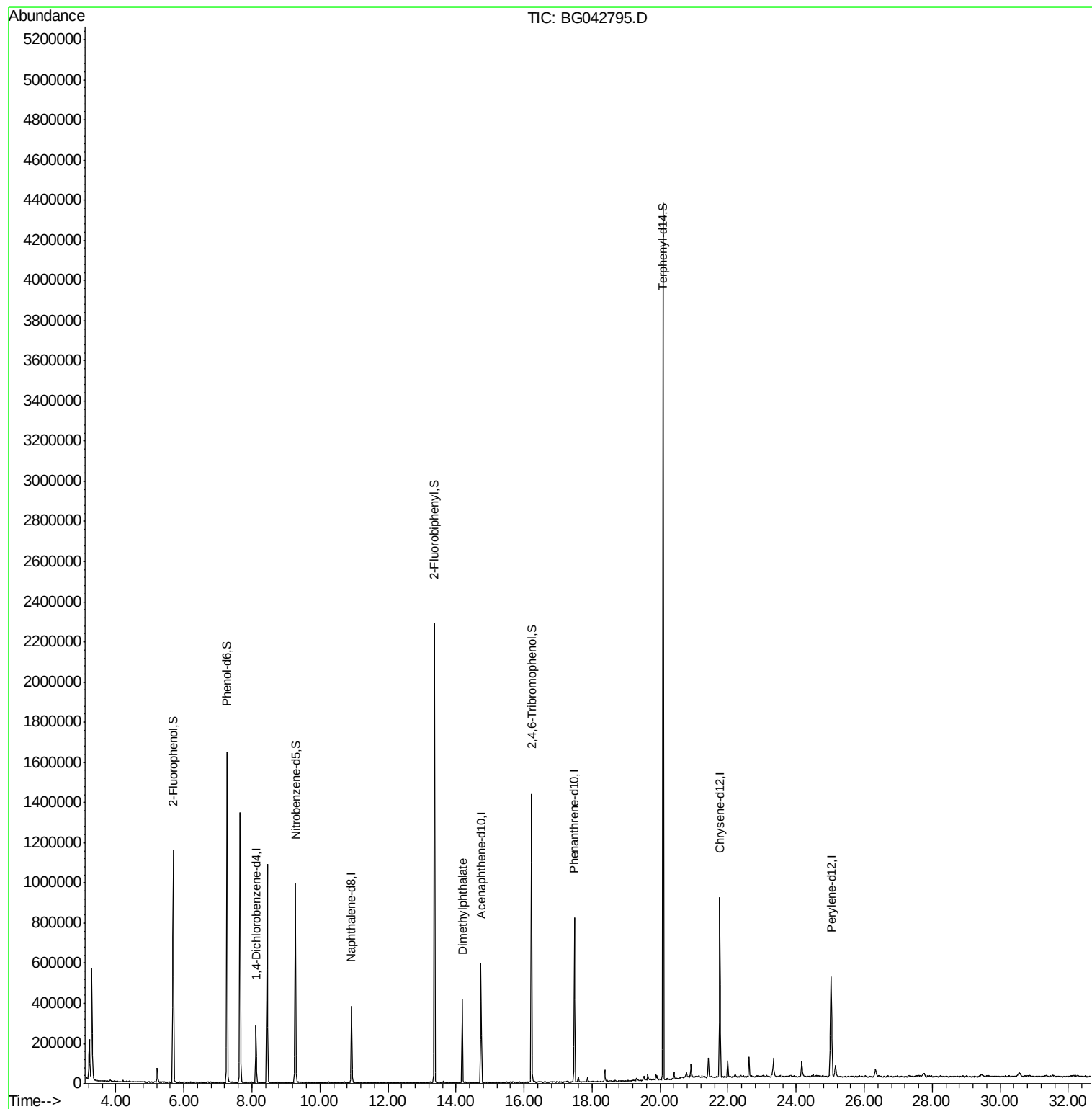
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	79866	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	305897	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	208876	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	492050	20.00	ng	0.00
76) Chrysene-d12	21.75	240	527669	20.00	ng	0.00
87) Perylene-d12	25.03	264	571352	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	460333	100.21	ng	0.00
7) Phenol-d6	7.27	99	928022	140.74	ng	0.00
23) Nitrobenzene-d5	9.28	82	584686	99.51	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	266775	96.00	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1196662	90.69	ng	0.00
79) Terphenyl-d14	20.09	244	2041629	85.75	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.18	163	259786	16.603	ng	Qvalue 99

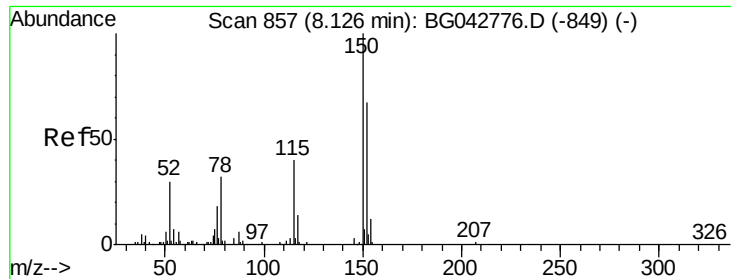
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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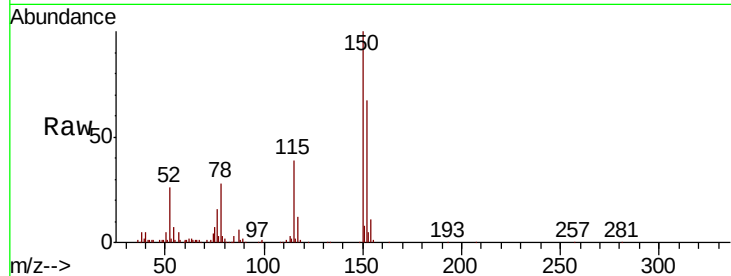


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042795.D
Acq: 12 Sep 2019 23:24

Instrument :
BNA_G
ClientSampleId :
SB-3A-(9.5-10.5)

Tot Ion	152	Resp	79866
Ion Ratio	Lower	Upper	
152	100		
150	149.7	118.9	178.3
115	58.4	47.4	71.2

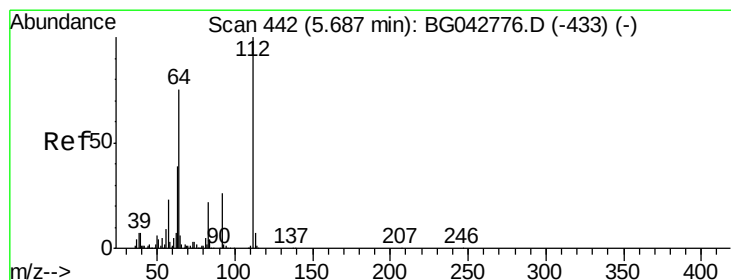
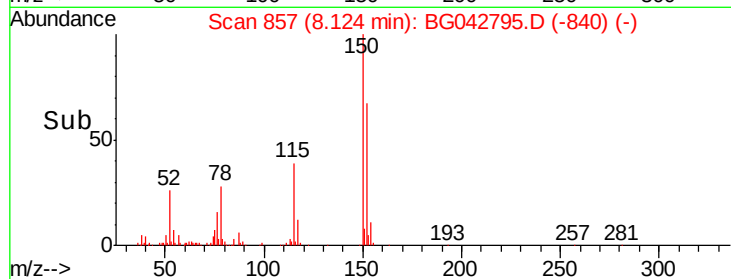
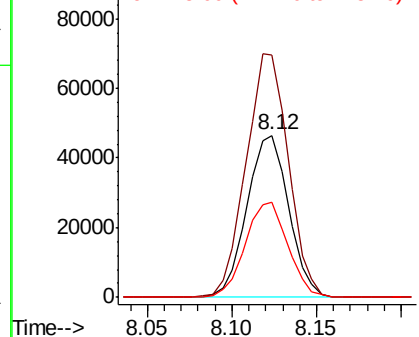


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

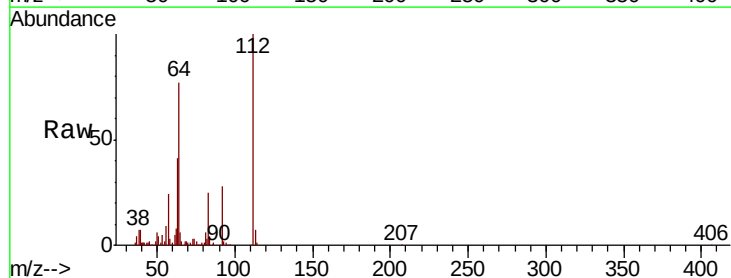
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.207 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042795.D
Acq: 12 Sep 2019 23:24

Tgt Ion	112	Resp	460333
Ion Ratio	Lower	Upper	
112	100		
64	76.8	60.2	90.2
63	41.0	31.2	46.8

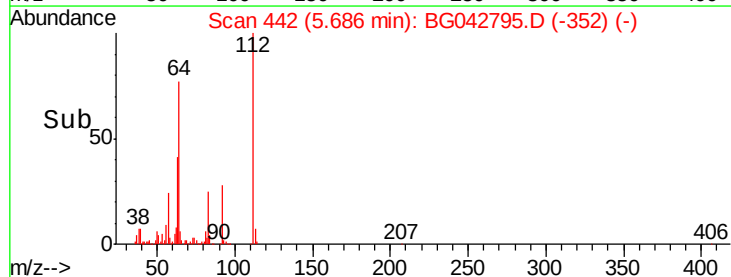
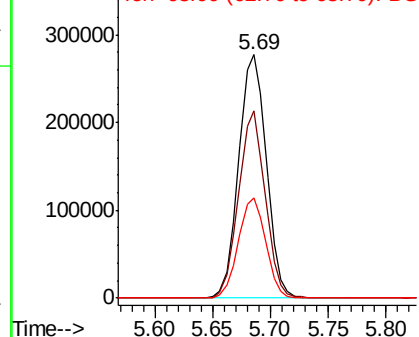


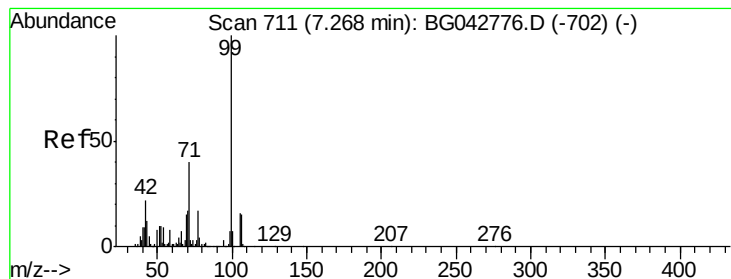
Abundance

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: 140.744 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042795.D

Acq: 12 Sep 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-3A-(9.5-10.5)

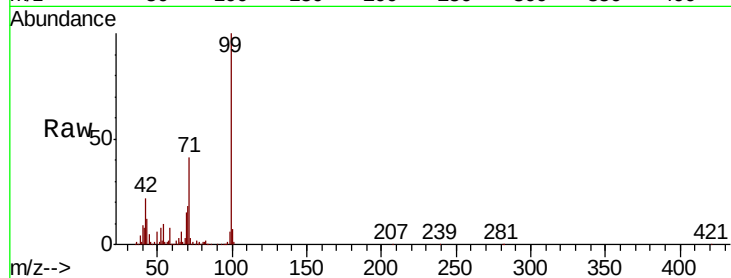
Tot Ion: 99 Resp: 928022

Ion Ratio Lower Upper

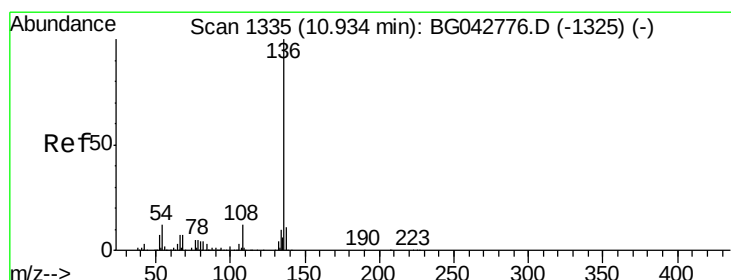
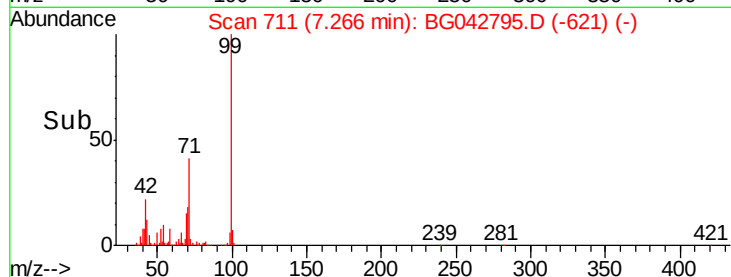
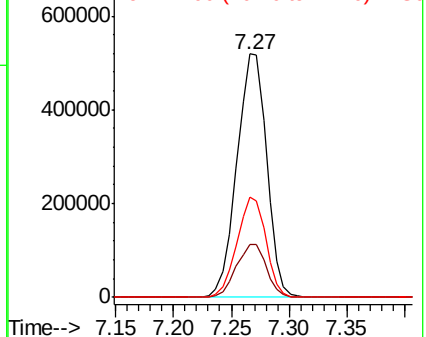
99 100

42 21.7 17.5 26.3

71 41.0 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: 10.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG042795.D

Acq: 12 Sep 2019 23:24

Tgt Ion: 136 Resp: 305897

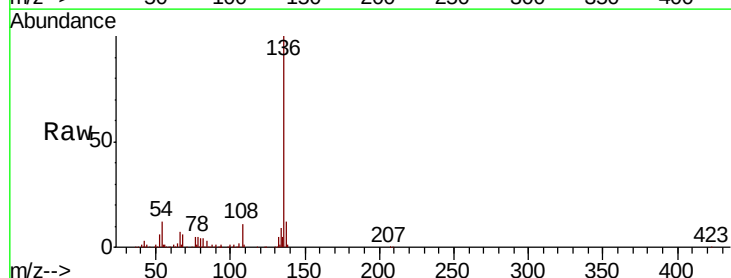
Ion Ratio Lower Upper

136 100

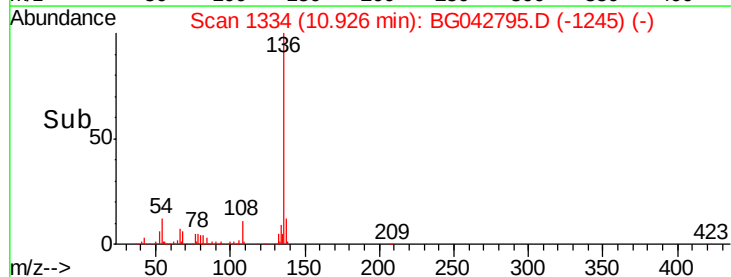
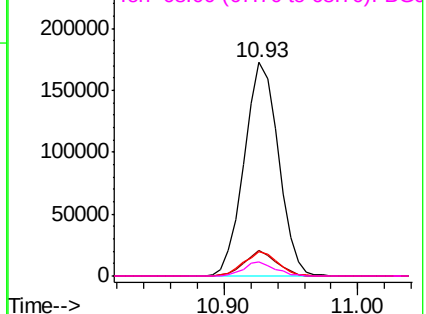
137 12.1 9.0 13.6

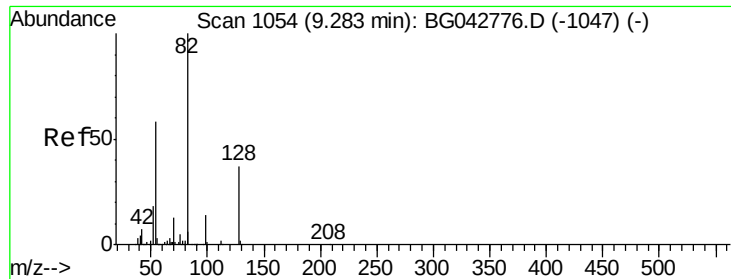
54 11.7 9.4 14.0

68 6.5 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

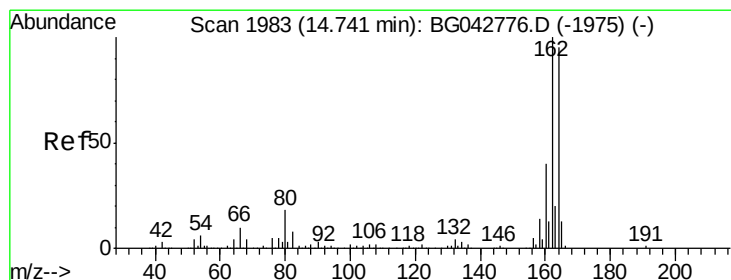
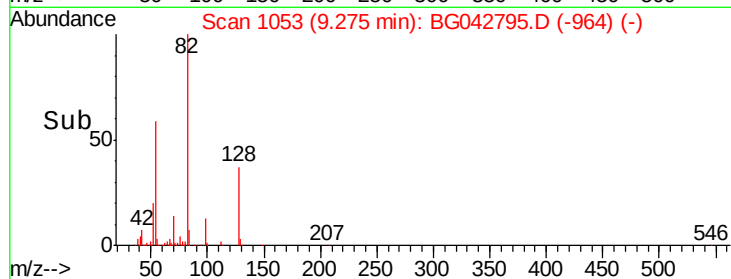
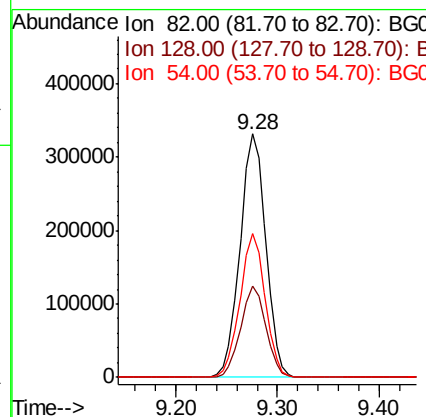
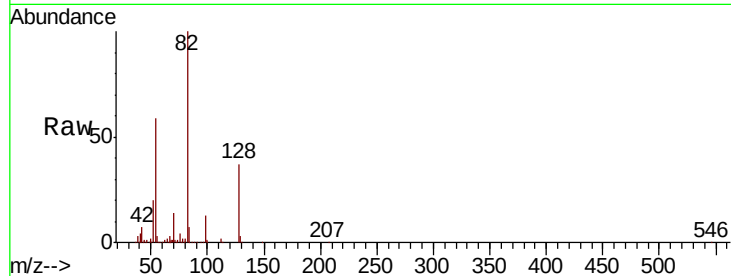




#23
 Nitrobenzene-d5
 Concen: 99.511 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042795.D
 Acq: 12 Sep 2019 23:24

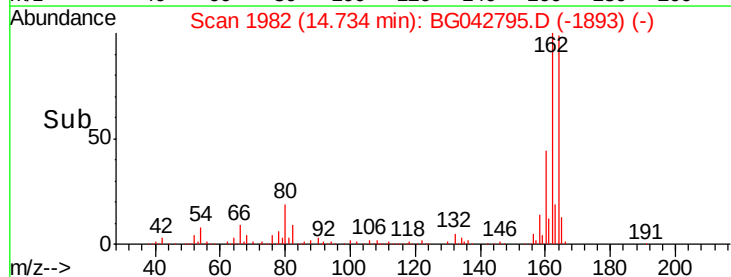
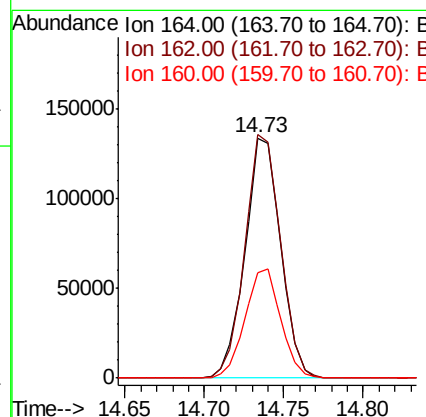
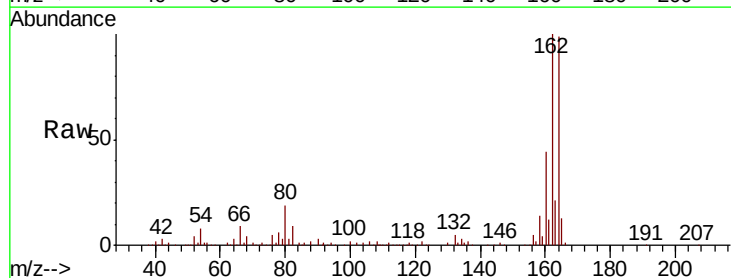
Instrument :
 BNA_G
 ClientSampleId :
 SB-3A-(9.5-10.5)

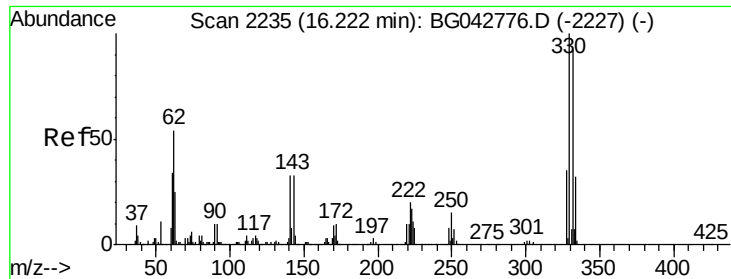
Tot Ion	82	Resp	584686
Ion Ratio	Lower	Upper	
82	100		
128	37.4	29.8	44.8
54	59.0	46.1	69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG042795.D
 Acq: 12 Sep 2019 23:24

Tgt Ion	164	Resp	208876
Ion Ratio	Lower	Upper	
164	100		
162	101.3	84.6	126.8
160	44.1	34.2	51.2

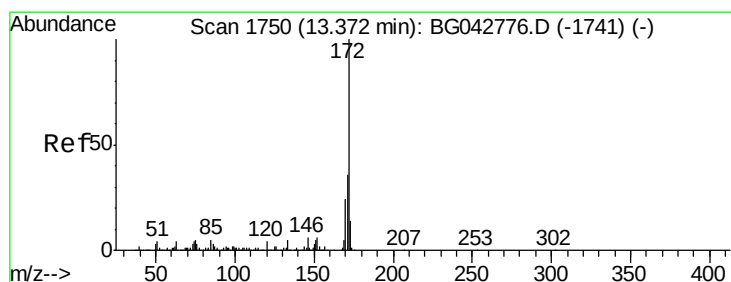
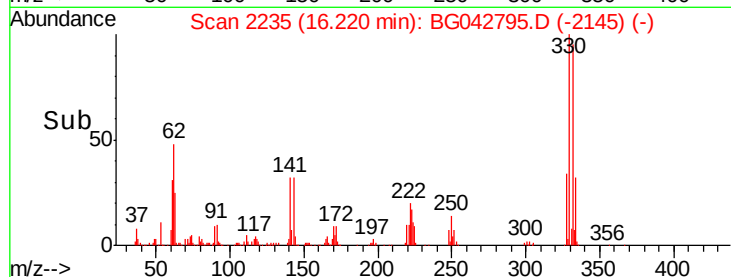
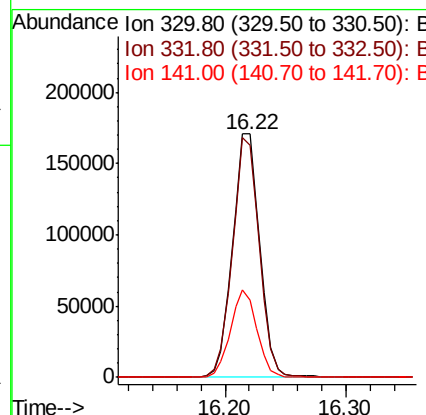
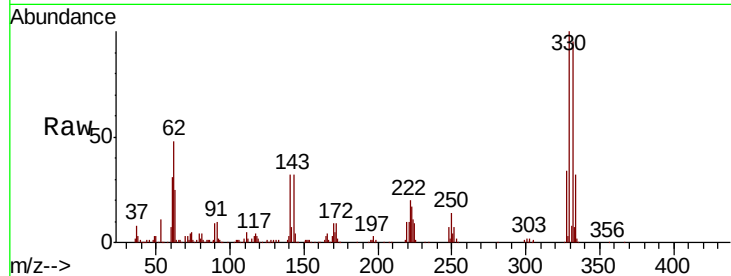




#42
 2,4,6-Tribromophenol
 Concen: 95.999 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG042795.D
 Acq: 12 Sep 2019 23:24

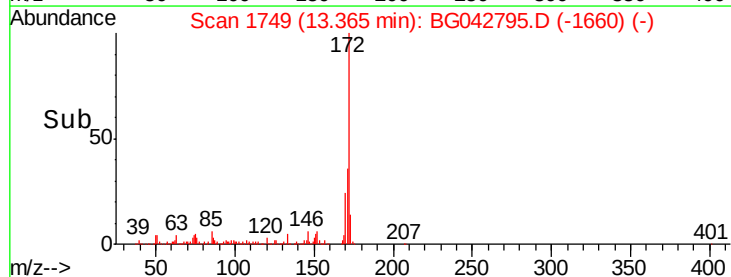
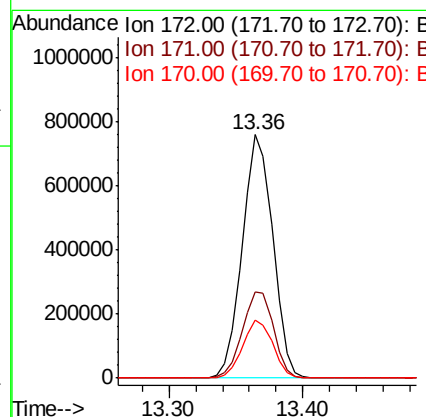
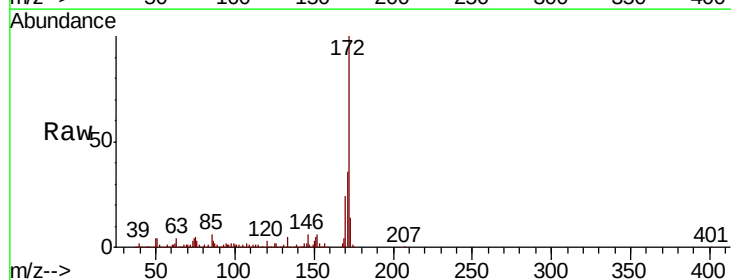
Instrument :
 BNA_G
 ClientSampleId :
 SB-3A-(9.5-10.5)

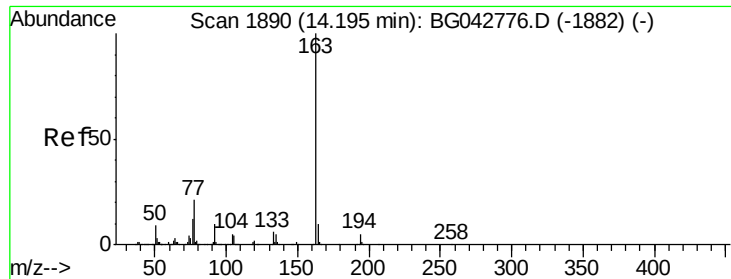
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.7	115.1
141	35.1	27.0	40.6



#45
 2-Fluorobiphenyl
 Concen: 90.687 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042795.D
 Acq: 12 Sep 2019 23:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	24.1	19.1	28.7





#50

Dimethylphthalate

Concen: 16.603 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG042795.D

Acq: 12 Sep 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-3A-(9.5-10.5)

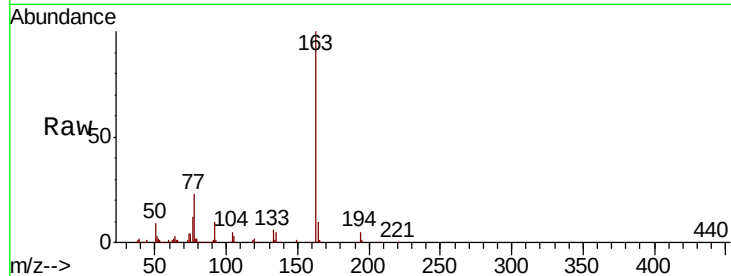
Tot Ion:163 Resp: 259786

Ion Ratio Lower Upper

163 100

194 4.6 4.2 6.4

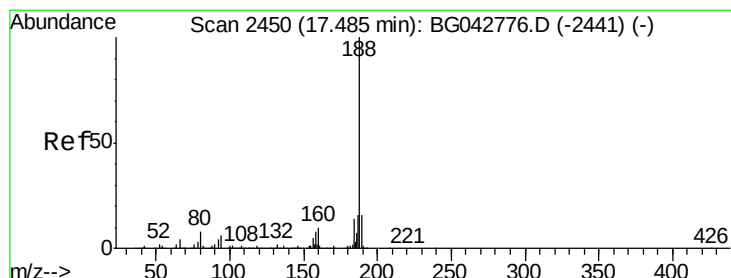
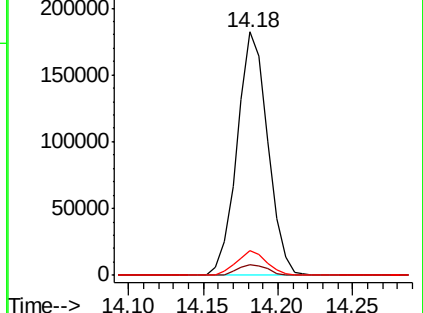
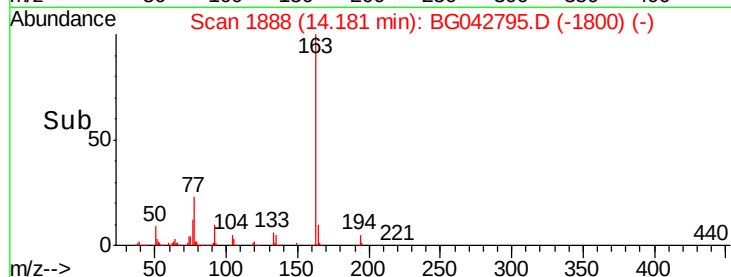
164 10.3 8.4 12.6



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: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042795.D

Acq: 12 Sep 2019 23:24

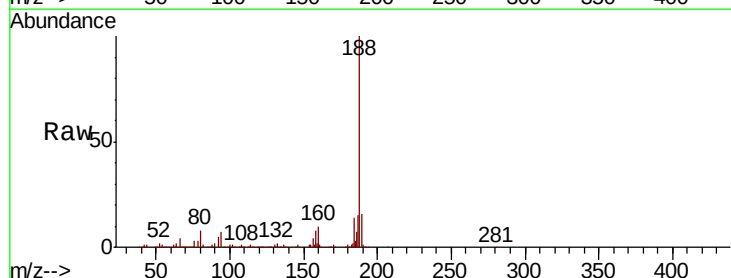
Tgt Ion:188 Resp: 492050

Ion Ratio Lower Upper

188 100

94 7.2 4.8 7.2#

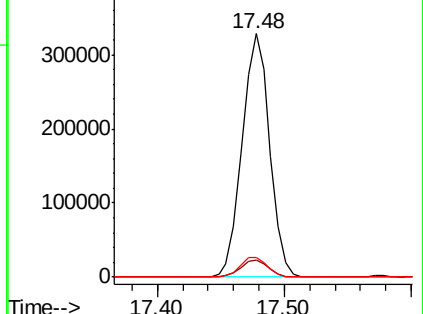
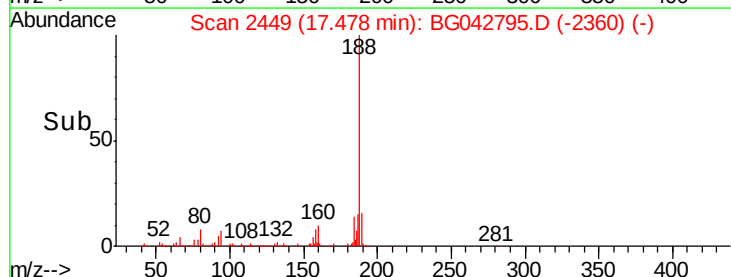
80 8.1 6.6 9.8

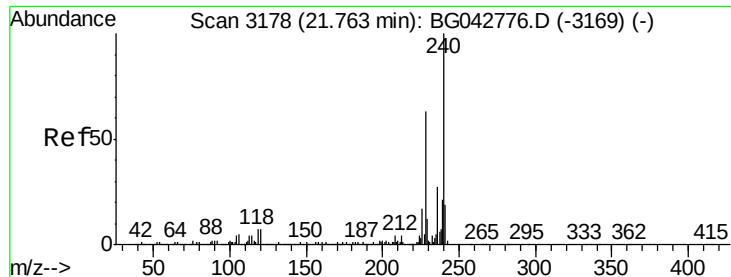


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

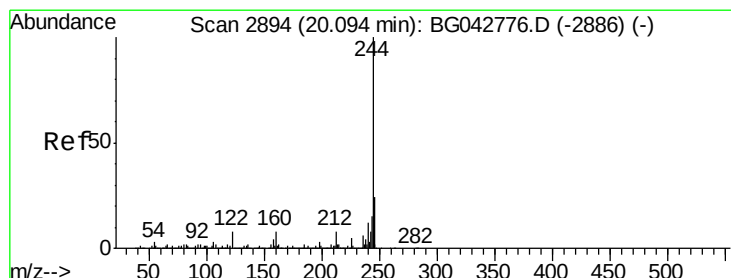
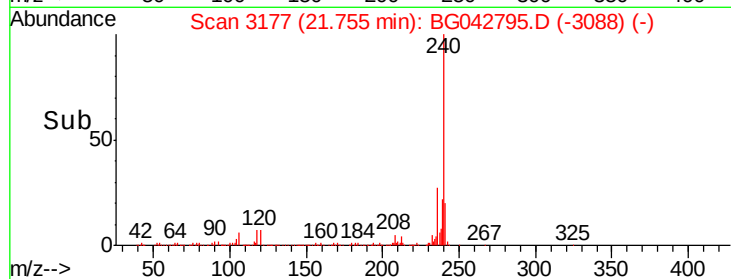
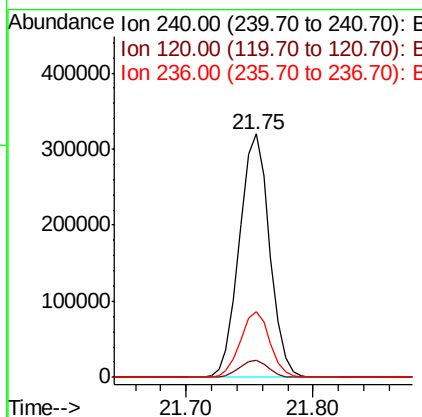
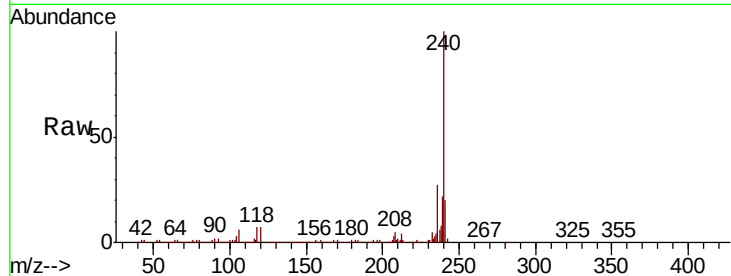




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042795.D
Acq: 12 Sep 2019 23:24

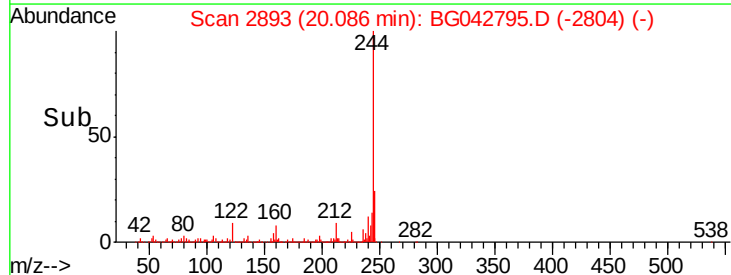
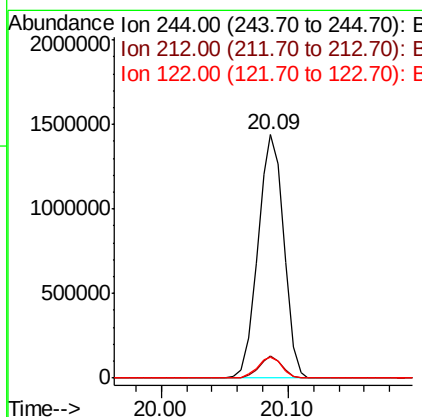
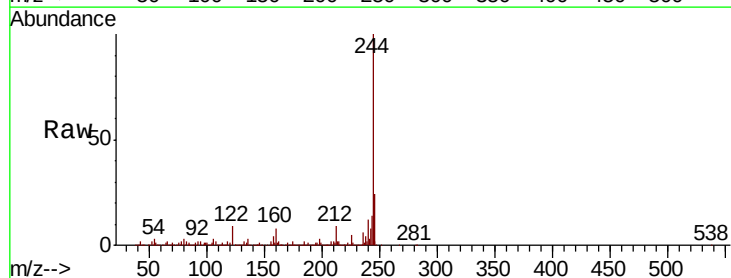
Instrument :
BNA_G
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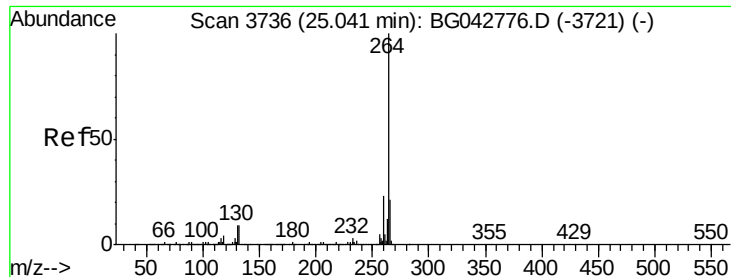
Tot Ion:240 Resp: 527669
Ion Ratio Lower Upper
240 100
120 7.1 5.4 8.2
236 26.9 21.7 32.5



#79
Terphenyl-d14
Concen: 85.751 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG042795.D
Acq: 12 Sep 2019 23:24

Tgt Ion:244 Resp: 2041629
Ion Ratio Lower Upper
244 100
212 8.9 6.6 10.0
122 8.6 6.2 9.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3734
 Delta R.T. -0.01 min
 Lab File: BG042795.D
 Acq: 12 Sep 2019 23:24

Instrument :
 BNA_G
 ClientSampleId :
 SB-3A-(9.5-10.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	21.4	16.9	25.3

