

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044795.D
 Acq On : 14 Mar 2020 12:26
 Operator : CG/JU
 Sample : L1826-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MC5B41

Quant Time: Mar 16 03:06:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

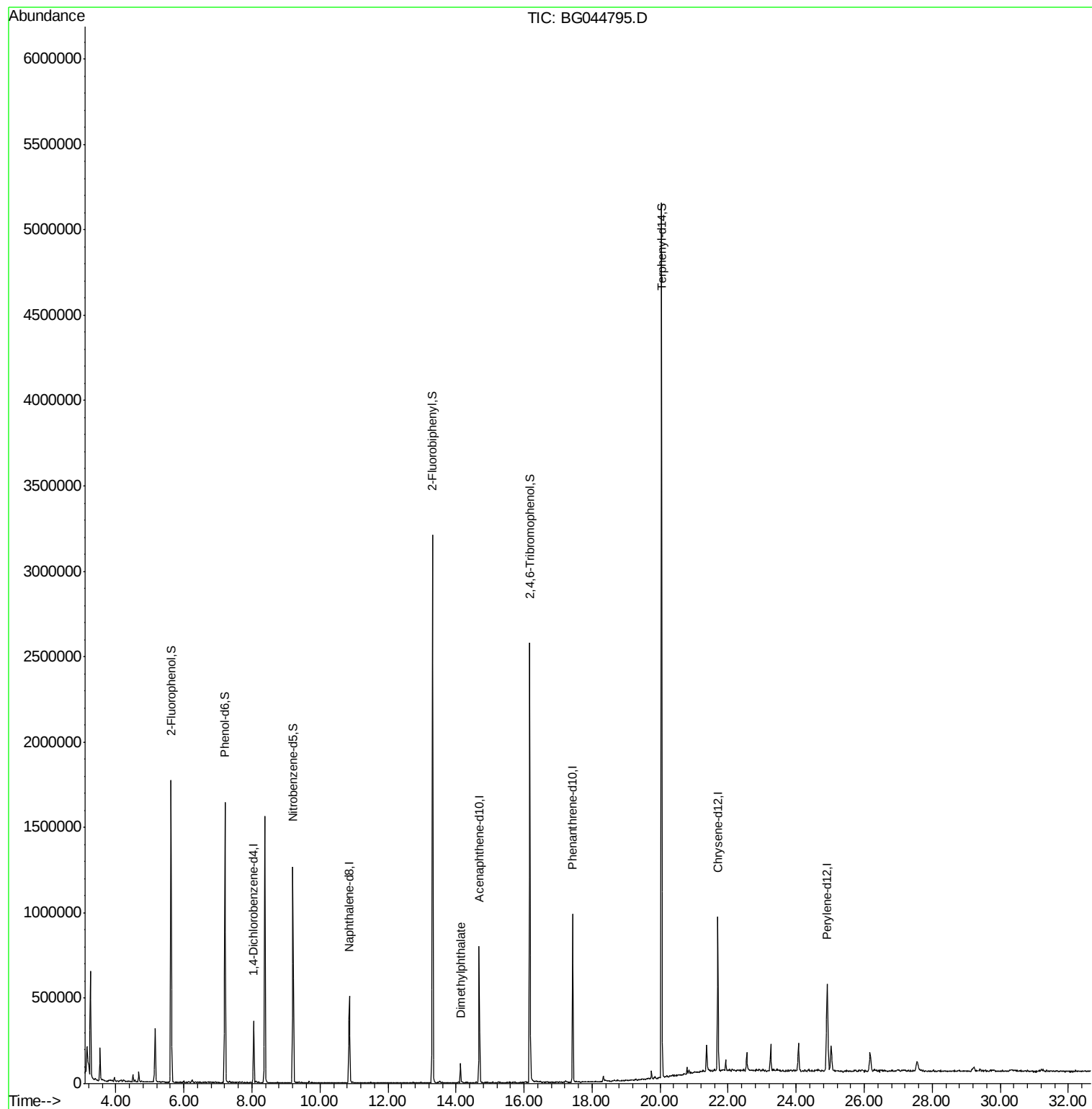
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	106094	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	429789	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	289640	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	613709	20.00	ng	0.00
76) Chrysene-d12	21.70	240	522021	20.00	ng	-0.02
87) Perylene-d12	24.92	264	571509	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	762157	111.83	ng	0.00
7) Phenol-d6	7.21	99	985176	99.49	ng	0.00
23) Nitrobenzene-d5	9.21	82	844768	86.25	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	506309	133.51	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1721405	85.11	ng	0.00
79) Terphenyl-d14	20.04	244	2434642	87.24	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.13	163	74958	3.249	ng	Qvalue 98

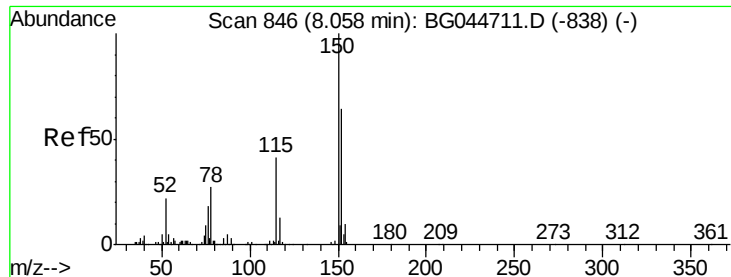
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG044795.D

Acq: 14 Mar 2020 12:26

Instrument :

BNA_G

ClientSampleId :

MC5B41

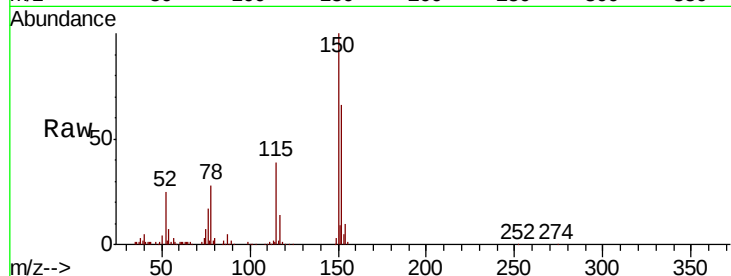
Tot Ion:152 Resp: 106094

Ion Ratio Lower Upper

152 100

150 150.7 125.3 187.9

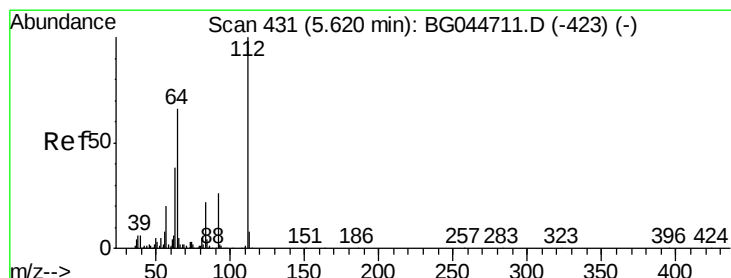
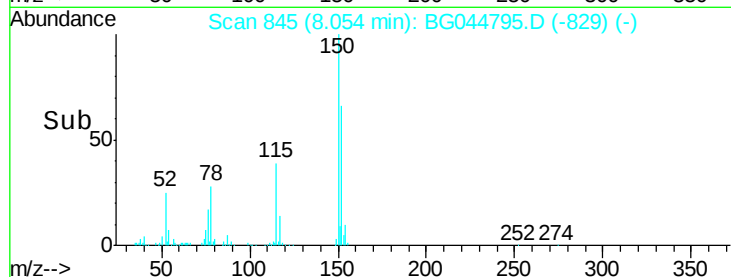
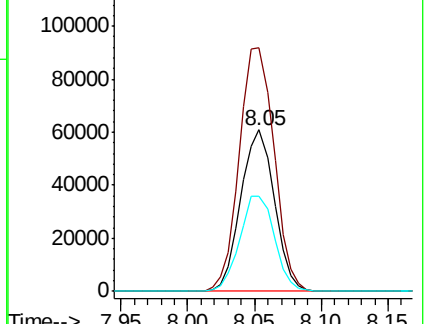
115 58.9 51.7 77.5



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: 111.830 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044795.D

Acq: 14 Mar 2020 12:26

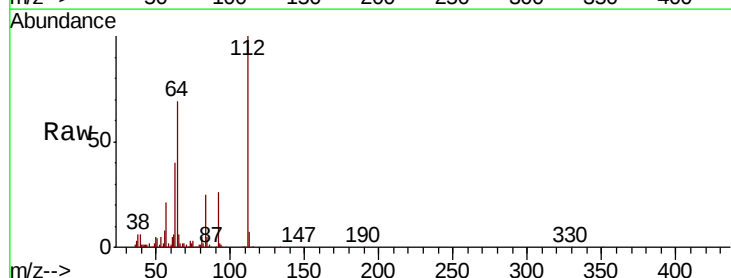
Tgt Ion:112 Resp: 762157

Ion Ratio Lower Upper

112 100

64 69.5 52.6 78.8

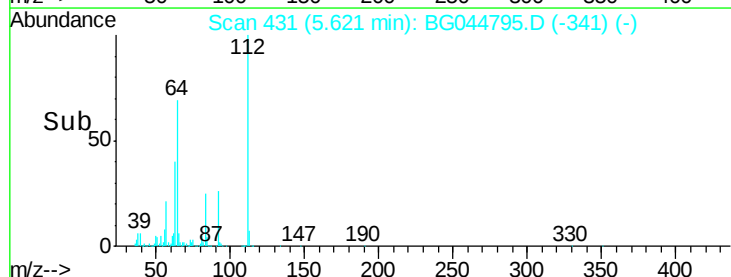
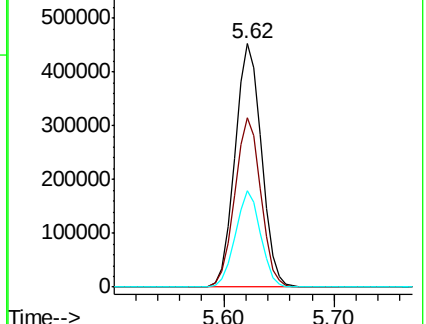
63 39.8 30.2 45.4

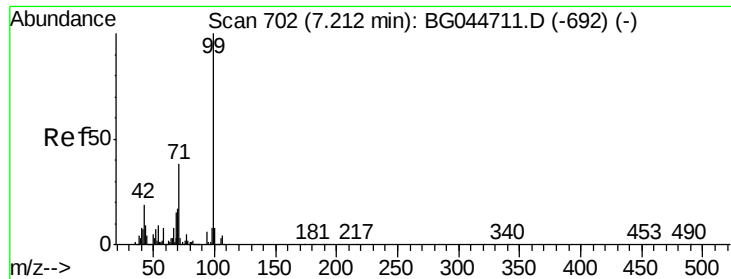


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 99.490 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044795.D

Acq: 14 Mar 2020 12:26

Instrument :

BNA_G

ClientSampleId :

MC5B41

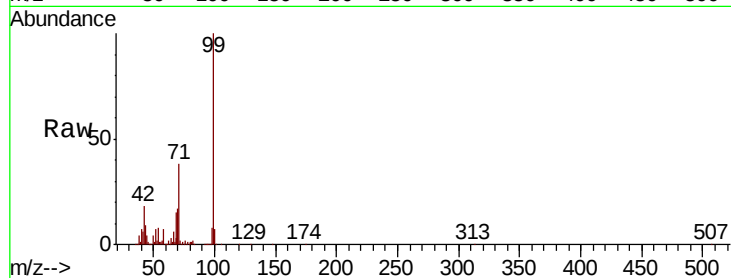
Tot Ion: 99 Resp: 985176

Ion Ratio Lower Upper

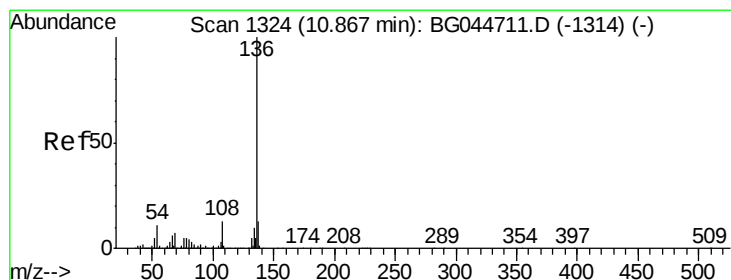
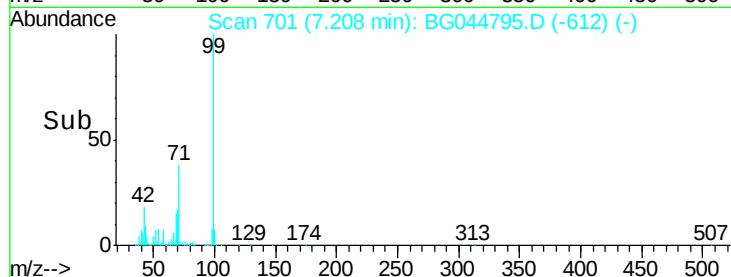
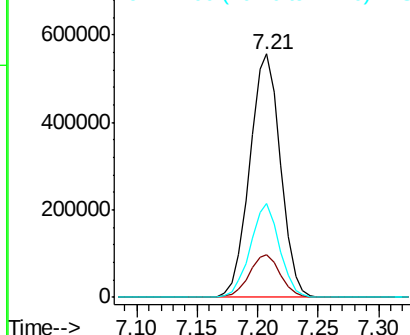
99 100

42 17.7 15.4 23.0

71 38.4 30.2 45.4



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: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG044795.D

Acq: 14 Mar 2020 12:26

Tgt Ion: 136 Resp: 429789

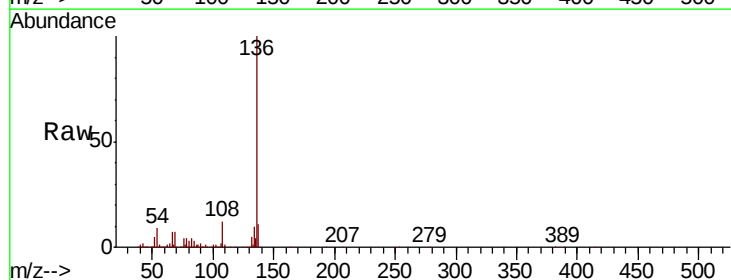
Ion Ratio Lower Upper

136 100

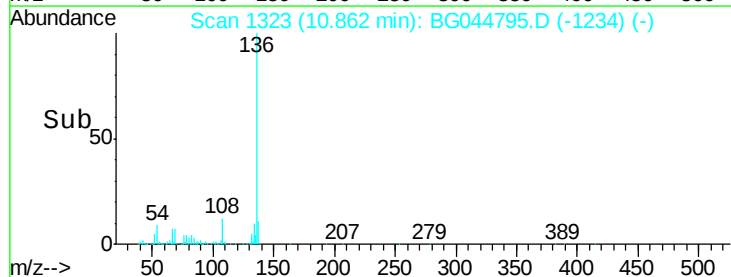
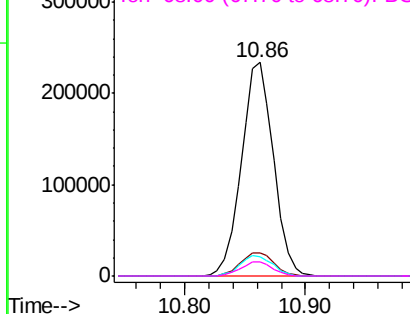
137 10.9 10.7 16.1

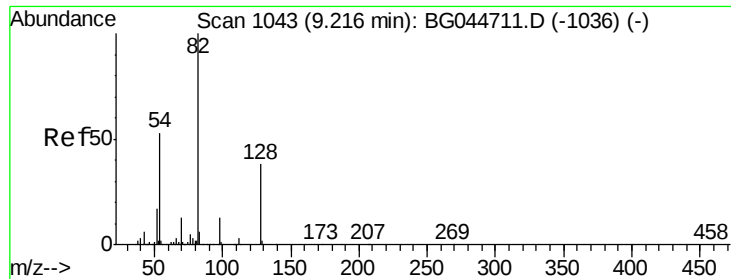
54 9.1 9.0 13.4

68 6.5 5.9 8.9



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

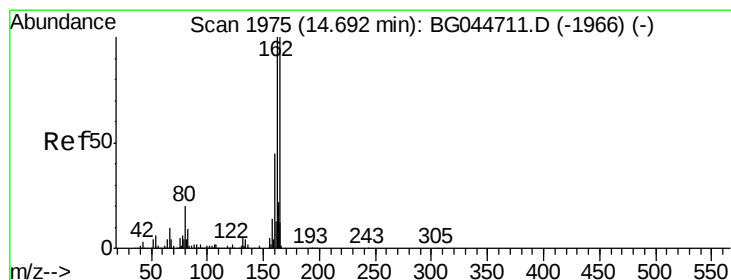
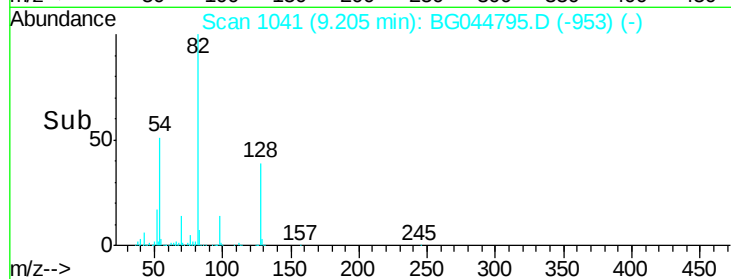
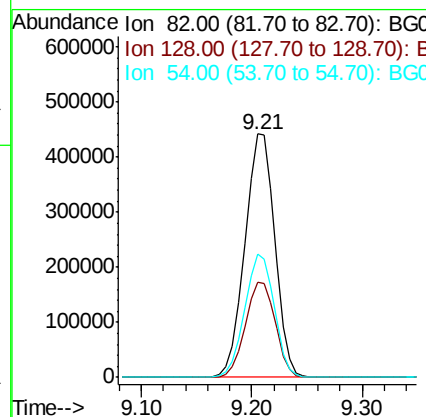
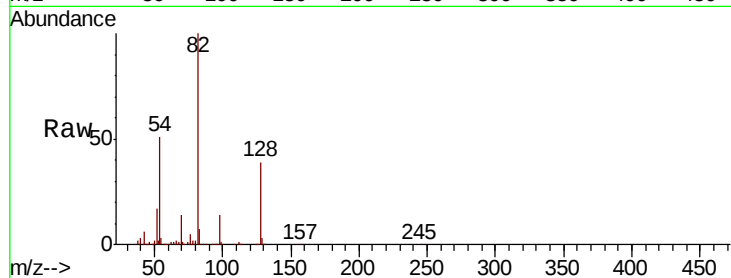




#23
 Nitrobenzene-d5
 Concen: 86.251 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG044795.D
 Acq: 14 Mar 2020 12:26

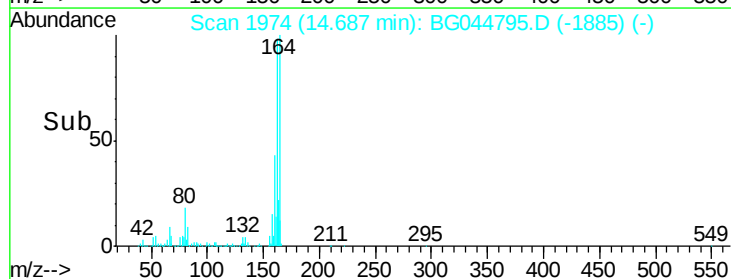
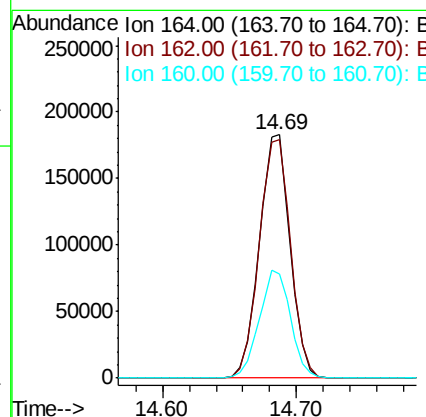
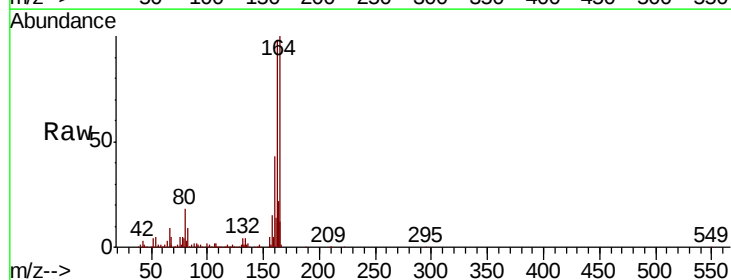
Instrument :
 BNA_G
 ClientSampled :
 MC5B41

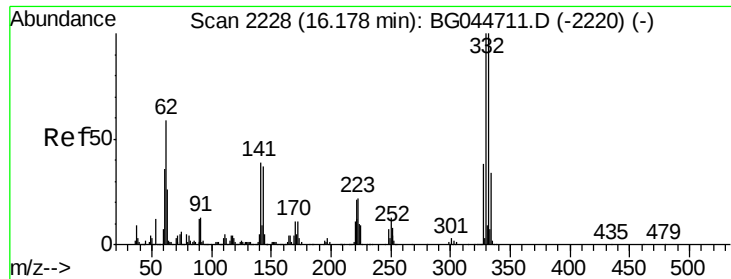
Tot Ion	82	Resp	844768
Ion Ratio	Lower	Upper	
82	100		
128	38.9	30.2	45.2
54	50.8	41.8	62.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG044795.D
 Acq: 14 Mar 2020 12:26

Tgt Ion	164	Resp	289640
Ion Ratio	Lower	Upper	
164	100		
162	97.9	80.2	120.4
160	42.9	36.2	54.2

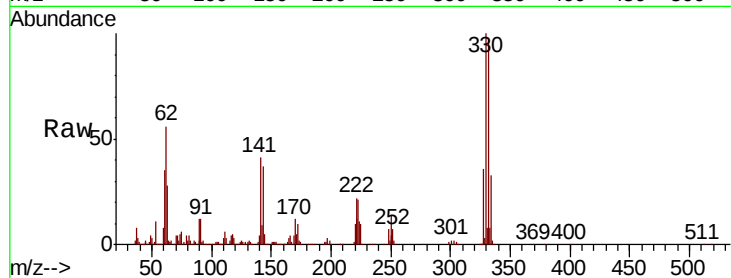




#42
 2,4,6-Tribromophenol
 Concen: 133.507 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG044795.D
 Acq: 14 Mar 2020 12:26

Instrument :
 BNA_G
 ClientSampleId :
 MC5B41

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	37.6	31.7	47.5

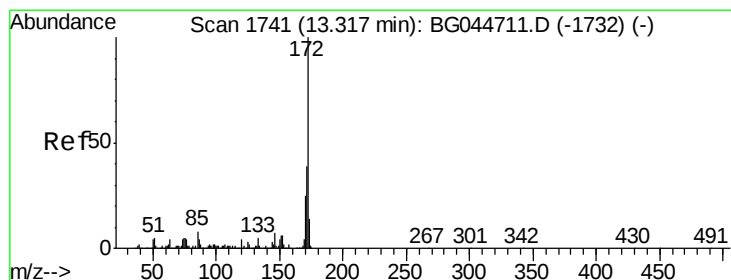
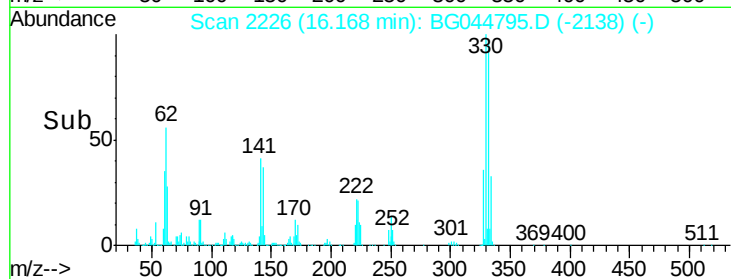
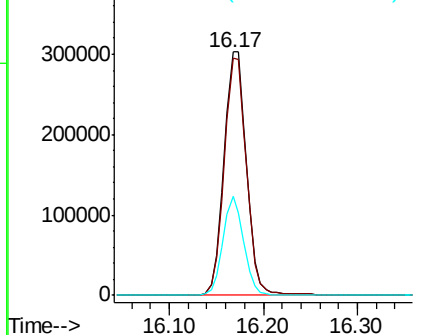


Abundance

Ion 329.80 (329.50 to 330.50): E

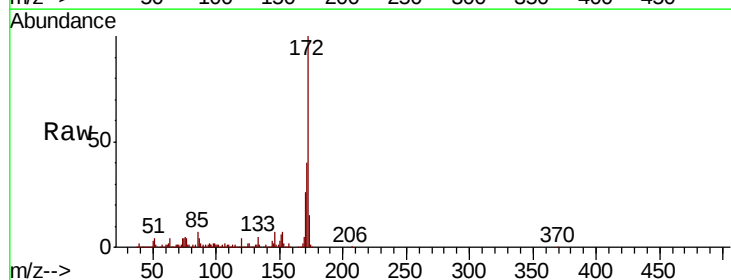
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.109 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG044795.D
 Acq: 14 Mar 2020 12:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.8	46.2
170	25.5	20.0	30.0

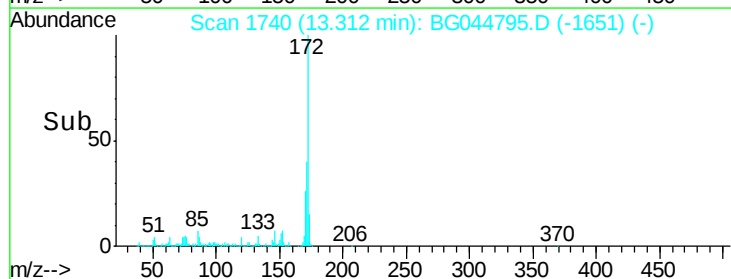
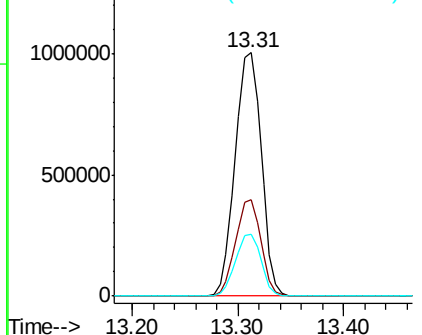


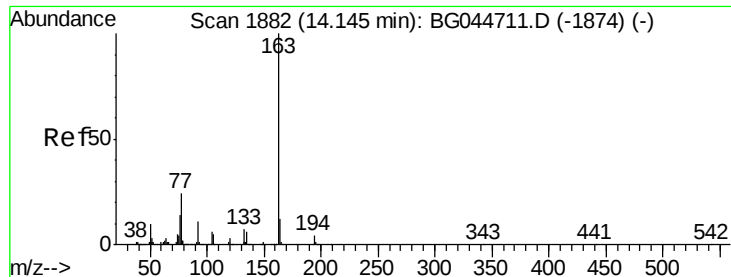
Abundance

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

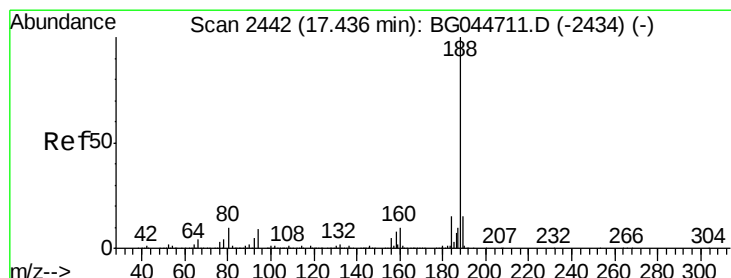
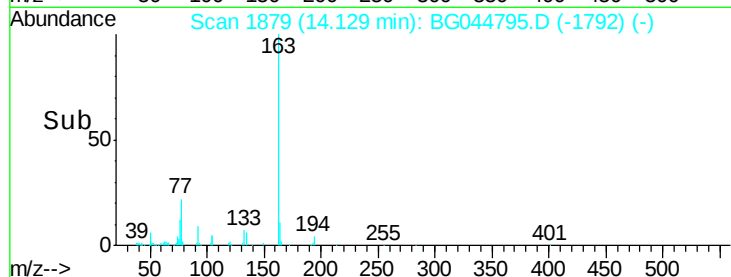
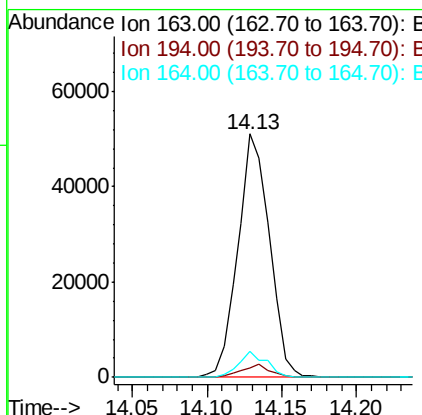
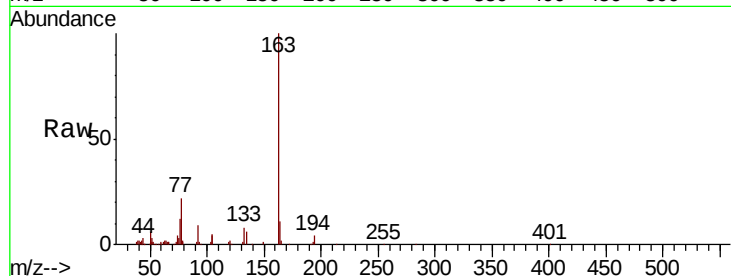




#50
Dimethylphthalate
Concen: 3.249 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

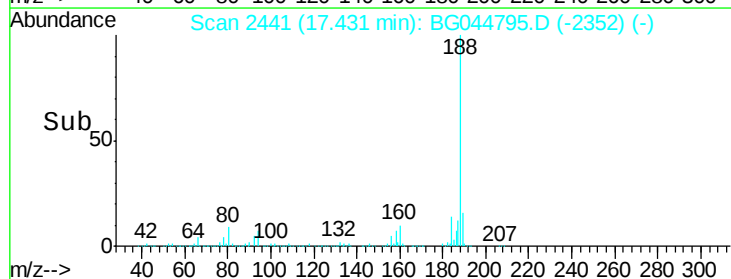
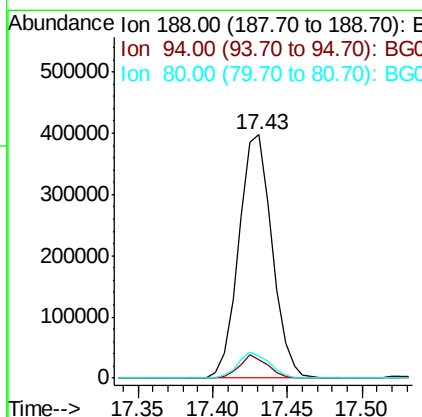
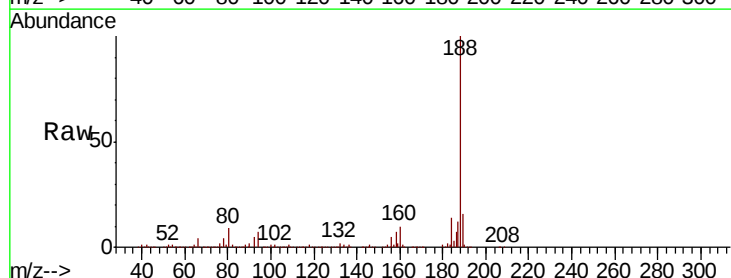
Instrument :
BNA_G
ClientSampleId :
MC5B41

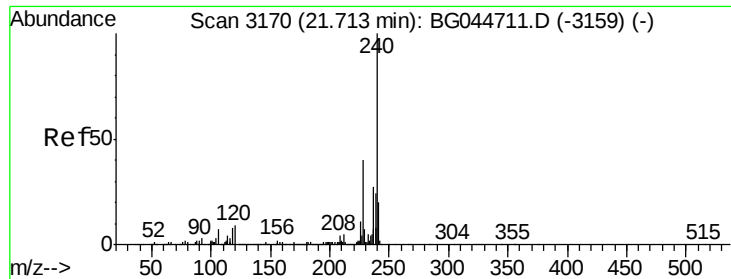
Tot Ion:163 Resp: 74958
Ion Ratio Lower Upper
163 100
194 3.6 3.5 5.3
164 10.5 9.2 13.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Tgt Ion:188 Resp: 613709
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 9.1 8.4 12.6

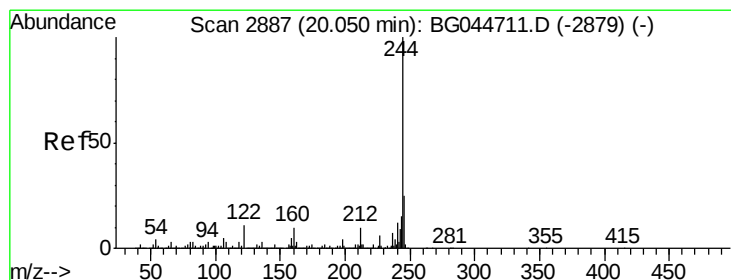
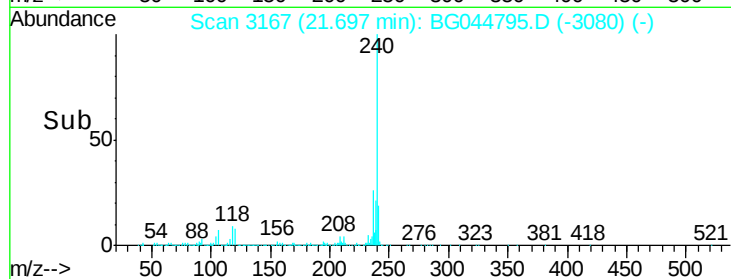
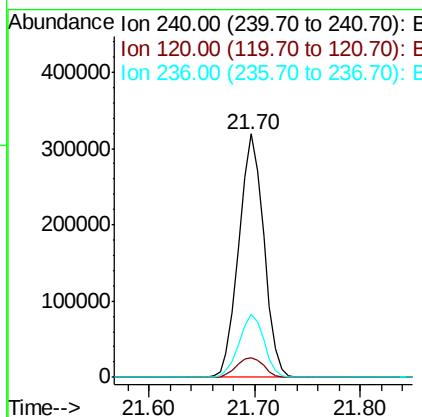
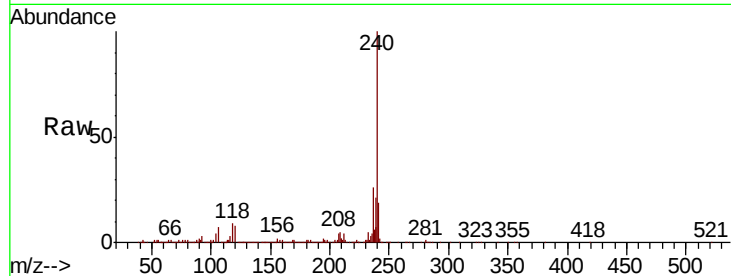




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

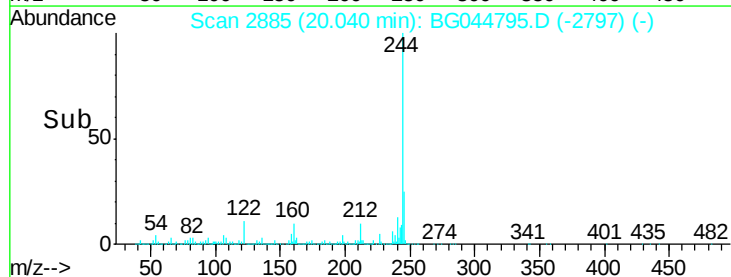
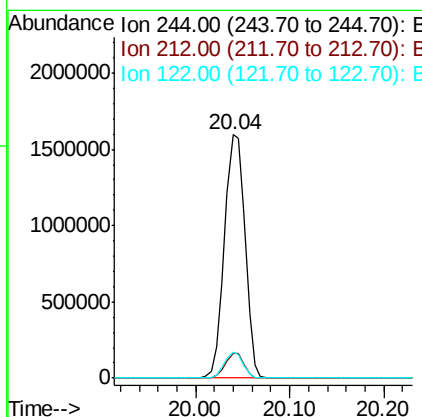
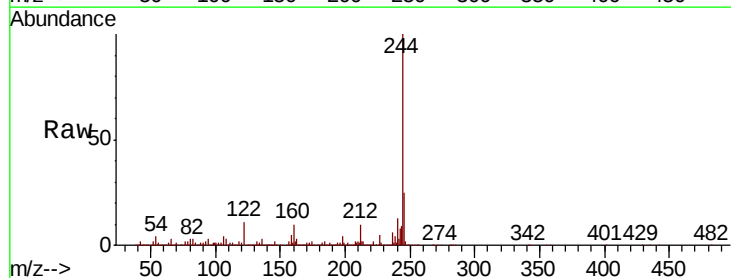
Instrument :
BNA_G
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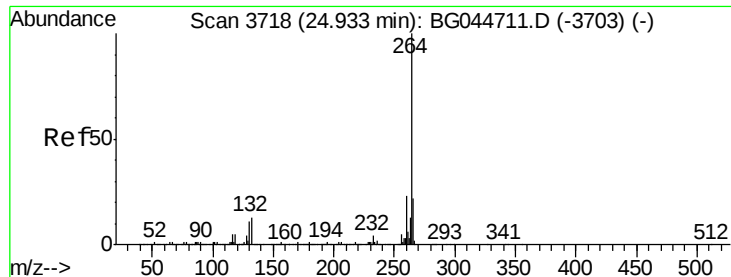
Tot Ion:240 Resp: 522021
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.1 21.9 32.9



#79
Terphenyl-d14
Concen: 87.240 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Tgt Ion:244 Resp: 2434642
Ion Ratio Lower Upper
244 100
212 9.9 8.4 12.6
122 10.8 8.7 13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Instrument :
BNA_G
ClientSampleId :
MC5B41

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	22.4	17.4	26.2

