

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044754.D
 Acq On : 13 Mar 2020 4:06
 Operator : CG/JU
 Sample : L1853-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-EC-52-S

Quant Time: Mar 13 07:45:25 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

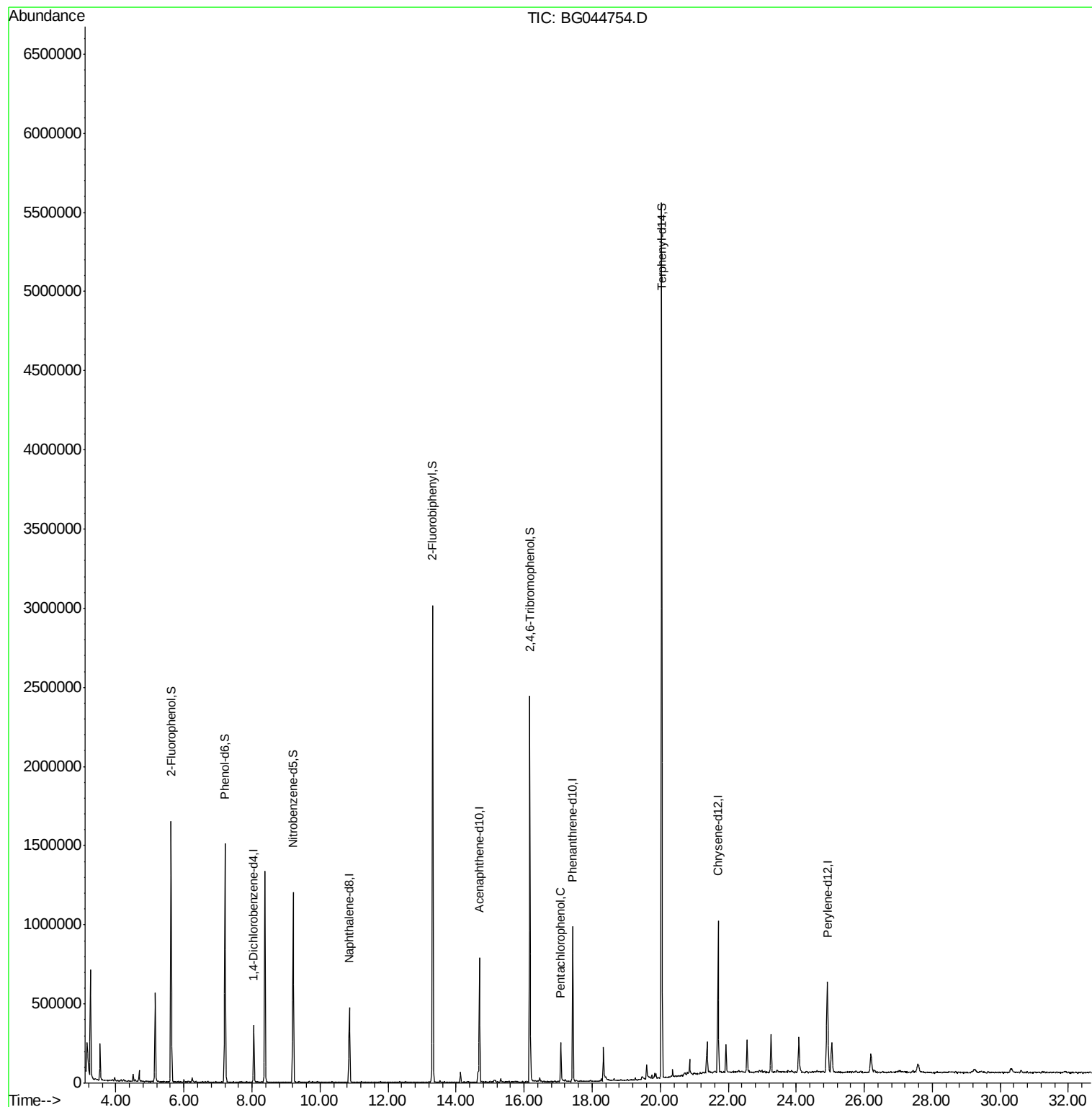
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	98778	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	394535	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	269494	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	614174	20.00	ng	0.00
76) Chrysene-d12	21.70	240	568089	20.00	ng	-0.01
87) Perylene-d12	24.92	264	642605	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	686449	108.18	ng	0.00
7) Phenol-d6	7.21	99	894089	96.98	ng	0.00
23) Nitrobenzene-d5	9.21	82	759428	84.47	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	457104	129.54	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1556047	82.68	ng	0.00
79) Terphenyl-d14	20.04	244	2509763	82.64	ng	0.00
Target Compounds						
70) Pentachlorophenol	17.08	266	50519	11.023	ng	Qvalue 92

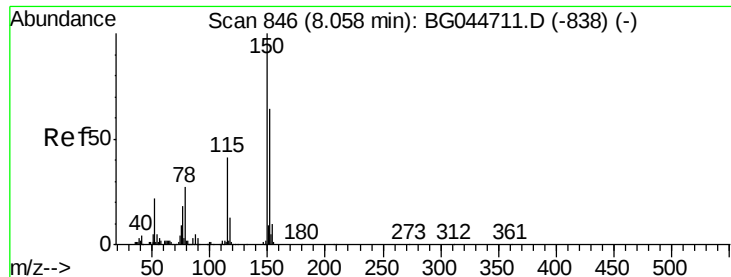
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG044754.D

Acq: 13 Mar 2020 4:06

Instrument :

BNA_G

ClientSampleId :

CB-EC-52-S

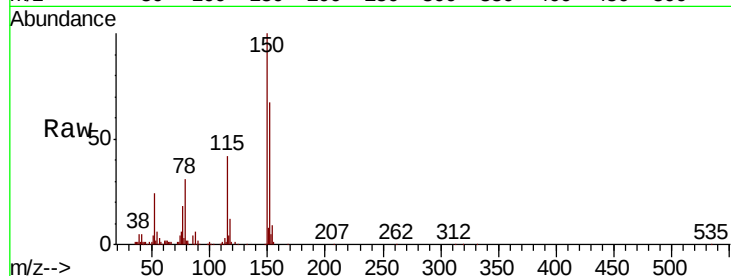
Tot Ion:152 Resp: 98778

Ion Ratio Lower Upper

152 100

150 149.1 125.3 187.9

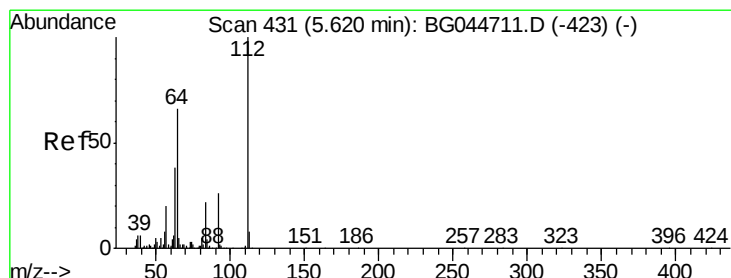
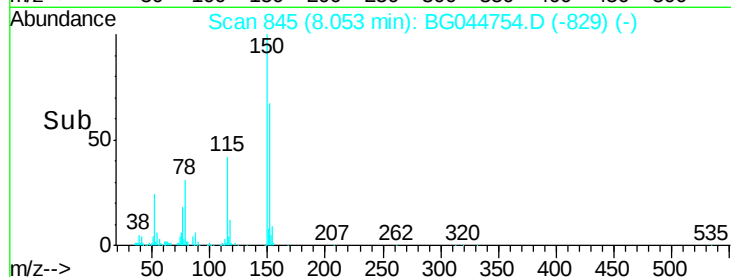
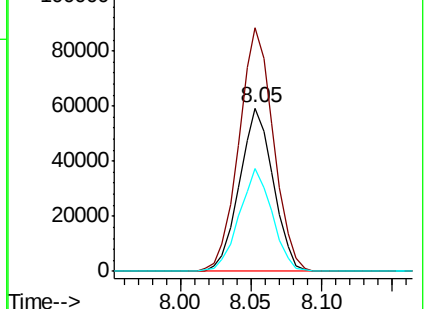
115 62.9 51.7 77.5



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: 108.181 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044754.D

Acq: 13 Mar 2020 4:06

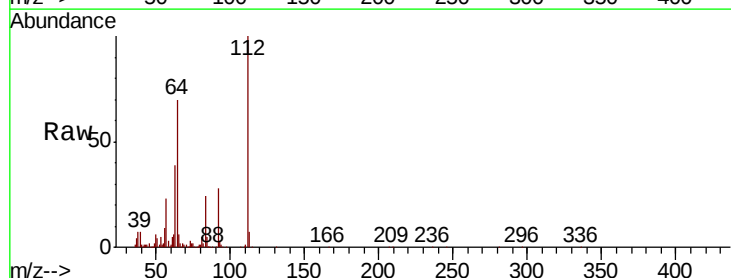
Tgt Ion:112 Resp: 686449

Ion Ratio Lower Upper

112 100

64 70.3 52.6 78.8

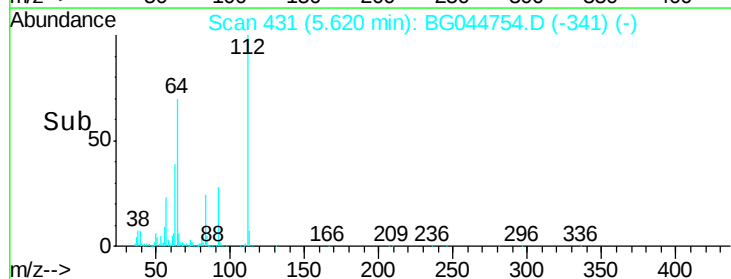
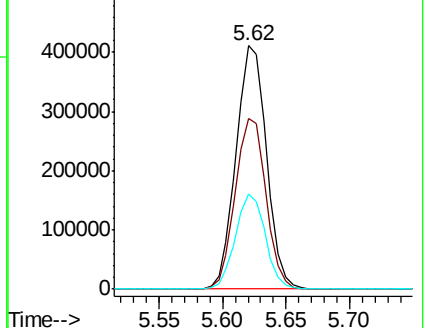
63 39.3 30.2 45.4

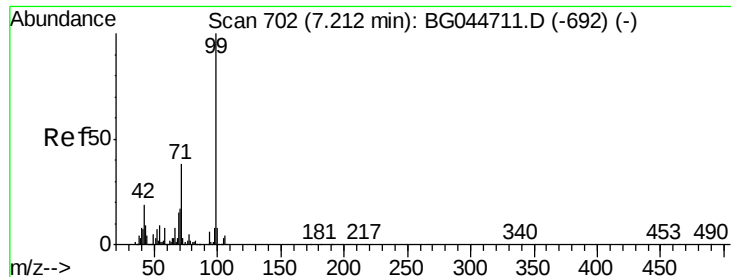


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 96.979 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044754.D

Acq: 13 Mar 2020 4:06

Instrument :

BNA_G

ClientSampleId :

CB-EC-52-S

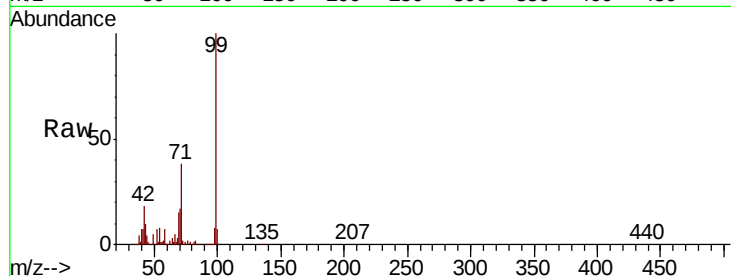
Tot Ion: 99 Resp: 894089

Ion Ratio Lower Upper

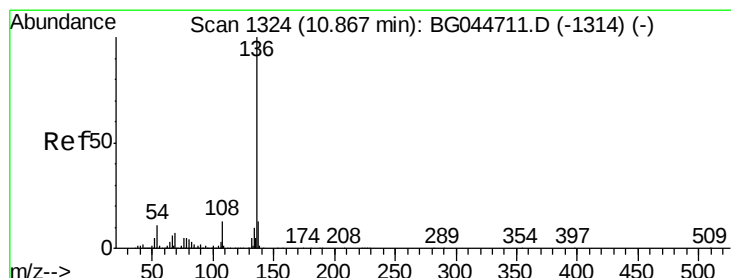
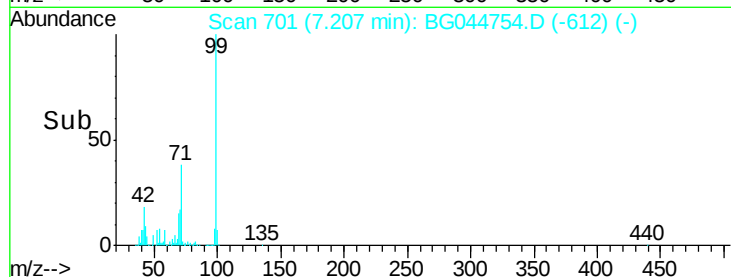
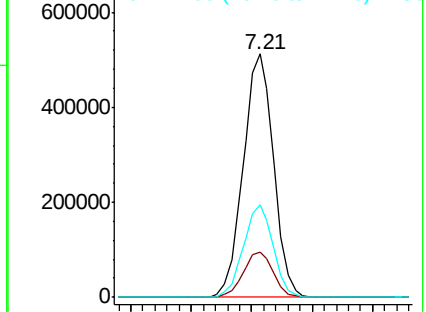
99 100

42 18.4 15.4 23.0

71 38.1 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. -0.01 min

Lab File: BG044754.D

Acq: 13 Mar 2020 4:06

Tgt Ion: 136 Resp: 394535

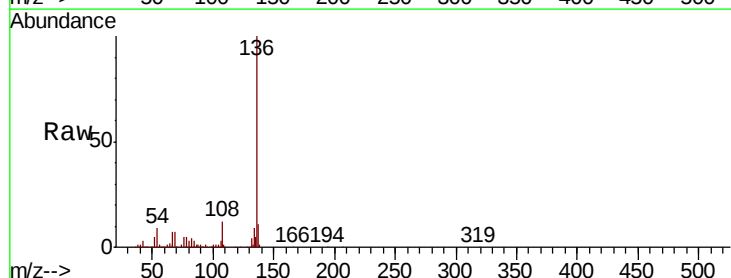
Ion Ratio Lower Upper

136 100

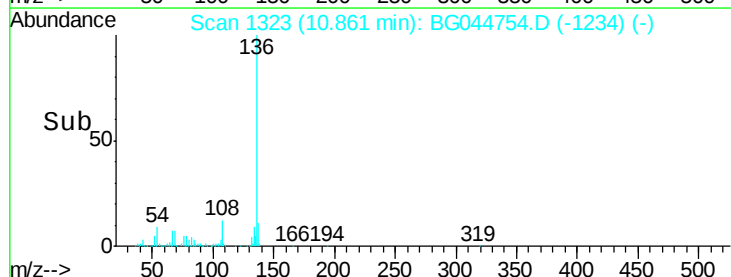
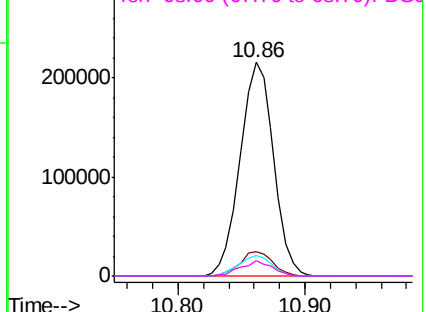
137 11.4 10.7 16.1

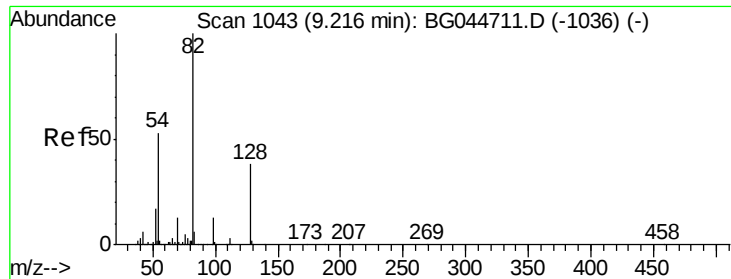
54 9.4 9.0 13.4

68 7.4 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

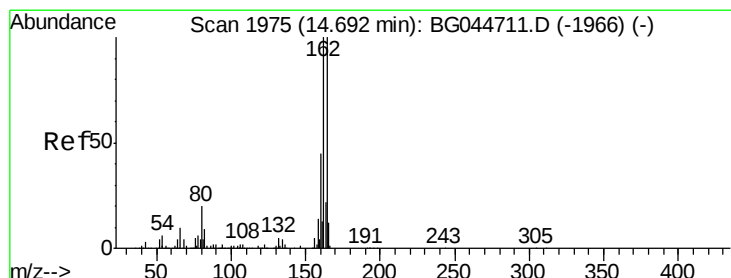
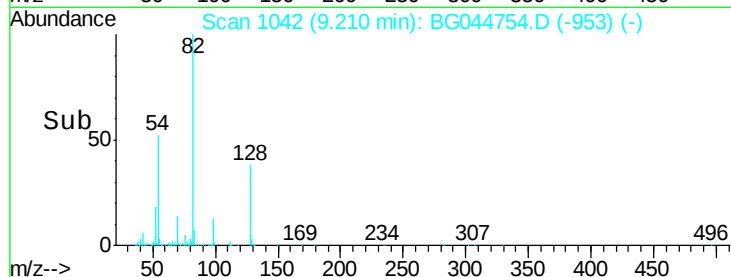
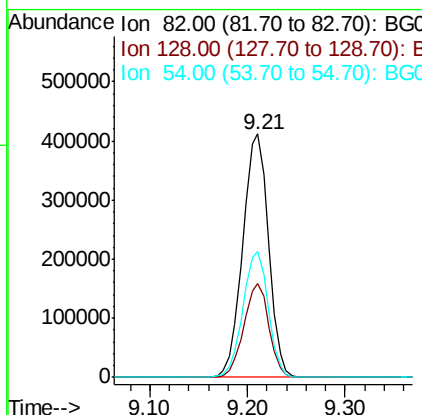
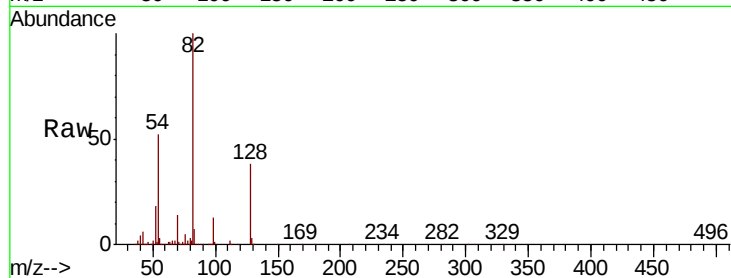




#23
Nitrobenzene-d5
Concen: 84.466 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044754.D
Acq: 13 Mar 2020 4:06

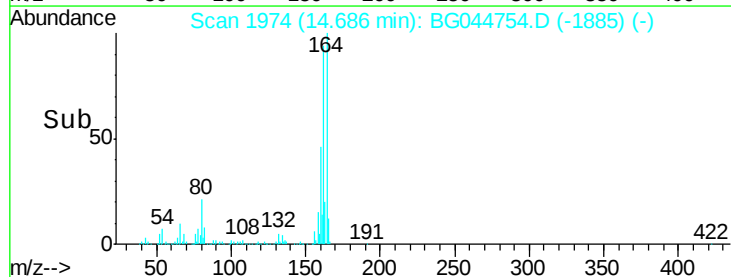
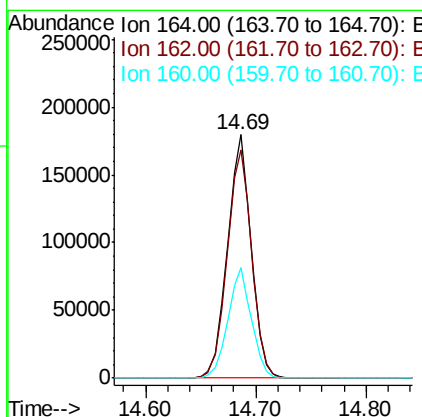
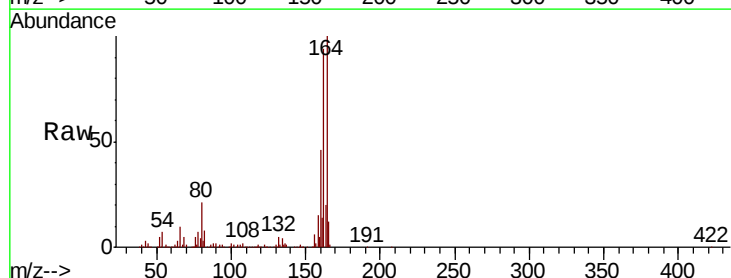
Instrument :
BNA_G
ClientSampled :
CB-EC-52-S

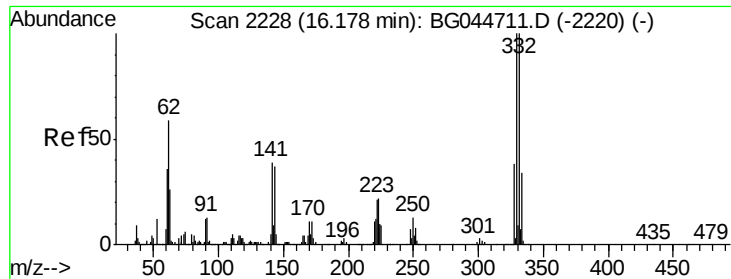
Tot Ion	82	Resp	759428
Ion Ratio	Lower	Upper	
82	100		
128	38.4	30.2	45.2
54	51.6	41.8	62.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044754.D
Acq: 13 Mar 2020 4:06

Tgt Ion	164	Resp	269494
Ion Ratio	Lower	Upper	
164	100		
162	94.0	80.2	120.4
160	45.5	36.2	54.2

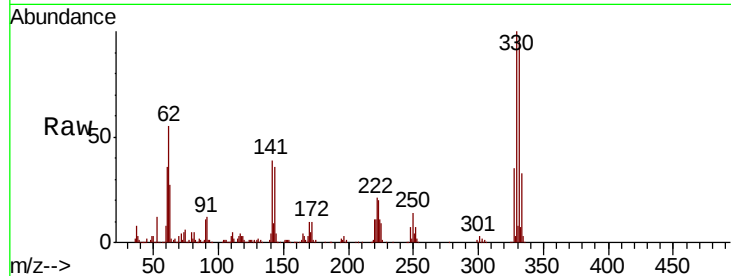




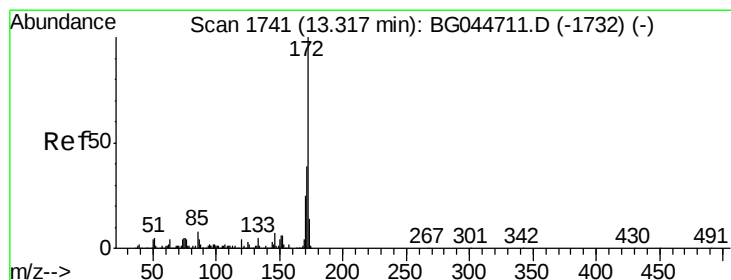
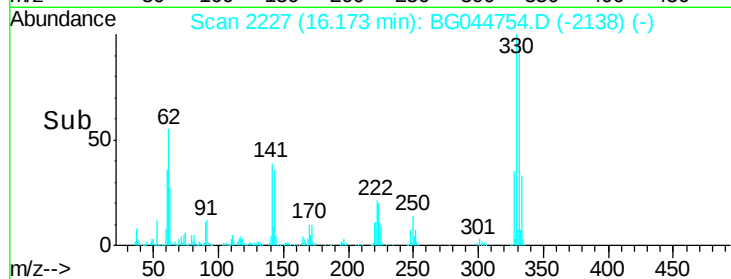
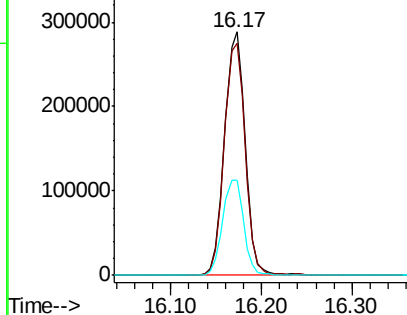
#42
2,4,6-Tribromophenol
Concen: 129.542 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG044754.D
Acq: 13 Mar 2020 4:06

Instrument :
BNA_G
ClientSampleId :
CB-EC-52-S

Tot Ion:330 Resp: 457104
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 40.0 31.7 47.5

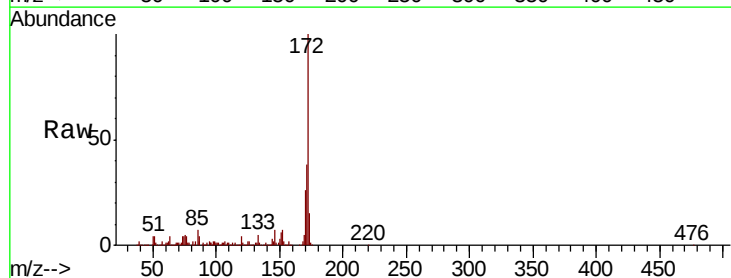


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

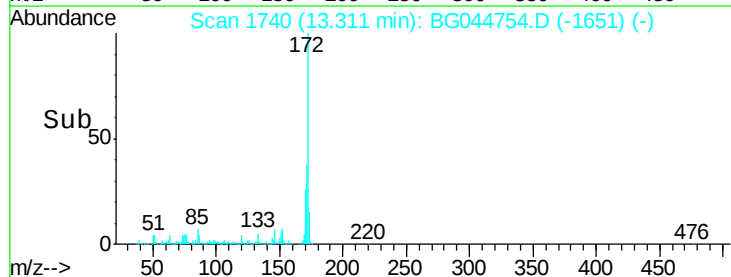
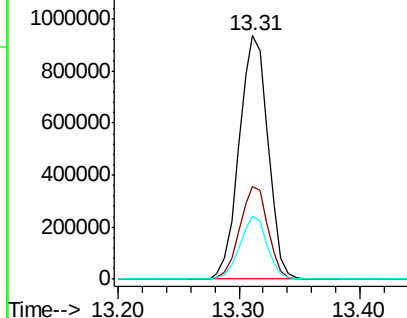


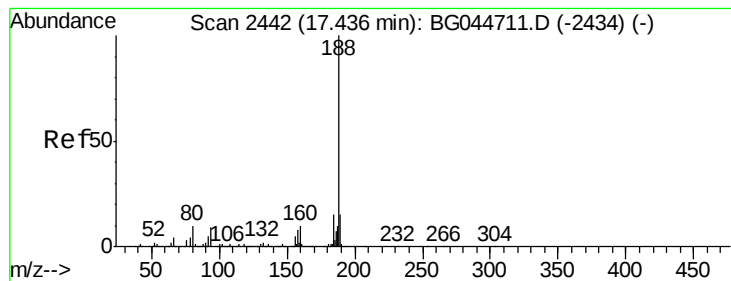
#45
2-Fluorobiphenyl
Concen: 82.685 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044754.D
Acq: 13 Mar 2020 4:06

Tgt Ion:172 Resp: 1556047
Ion Ratio Lower Upper
172 100
171 38.0 30.8 46.2
170 25.9 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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044754.D

Acq: 13 Mar 2020 4:06

Instrument :

BNA_G

ClientSampleId :

CB-EC-52-S

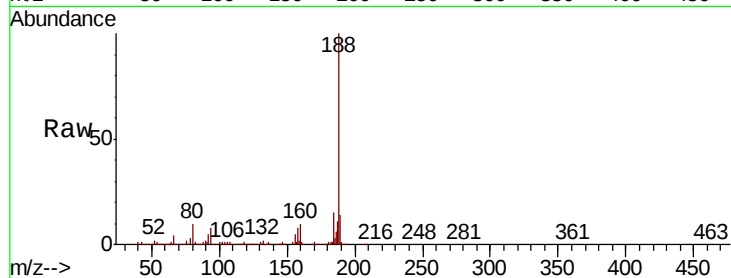
Tot Ion:188 Resp: 614174

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

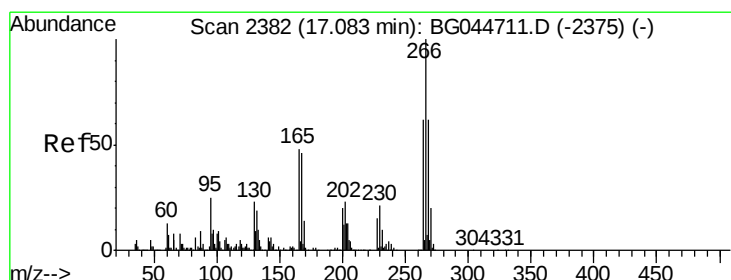
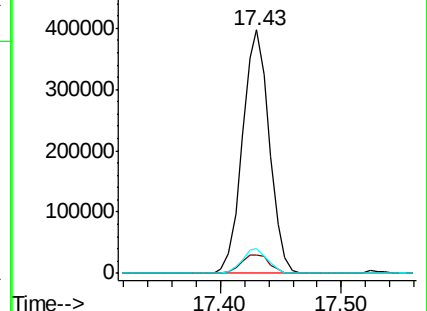
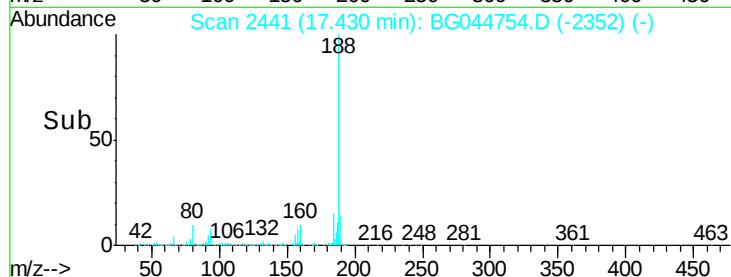
80 10.0 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#70

Pentachlorophenol

Concen: 11.023 ng

RT: 17.08 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044754.D

Acq: 13 Mar 2020 4:06

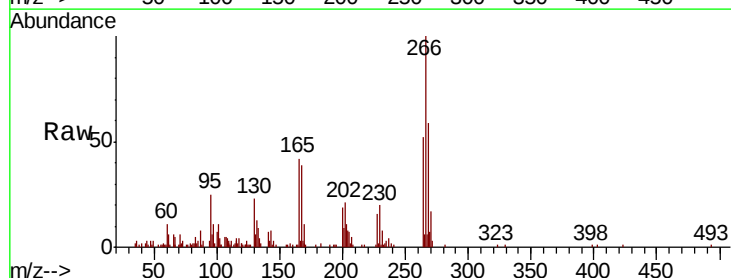
Tgt Ion:266 Resp: 50519

Ion Ratio Lower Upper

266 100

268 59.4 49.9 74.9

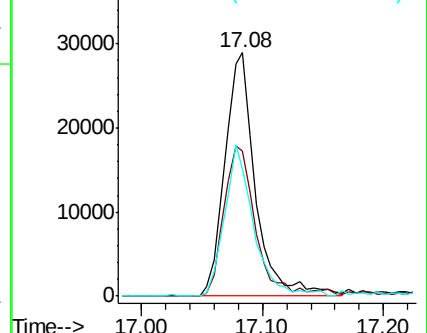
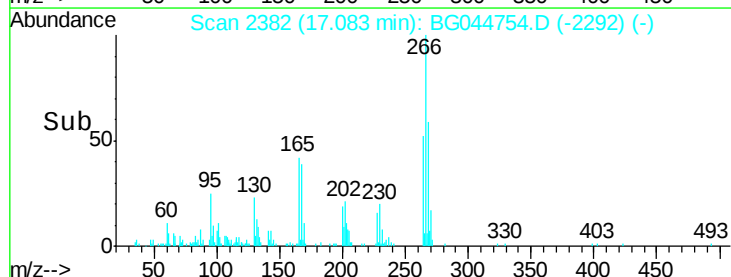
264 52.3 49.9 74.9

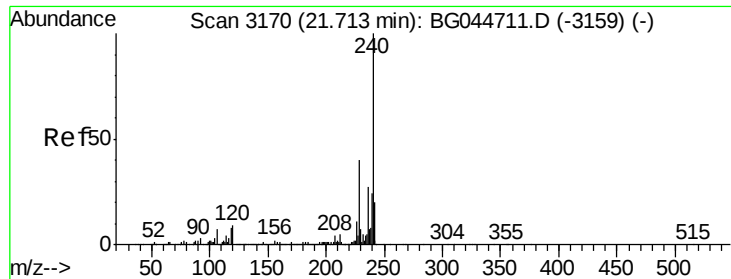


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

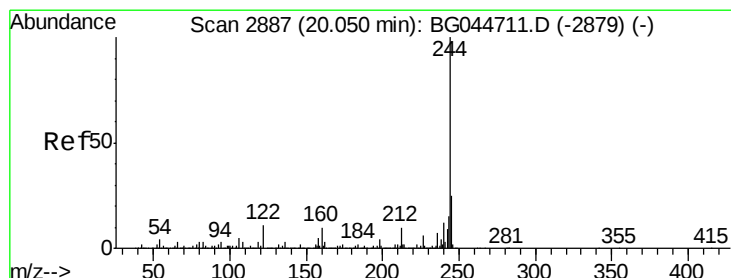
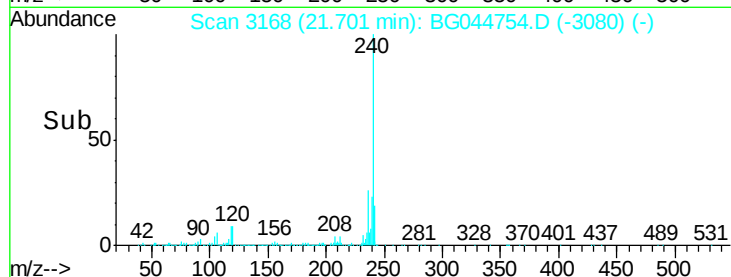
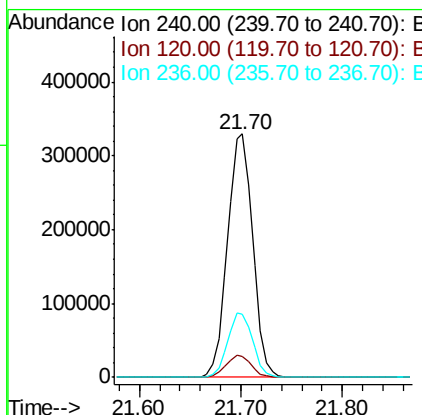
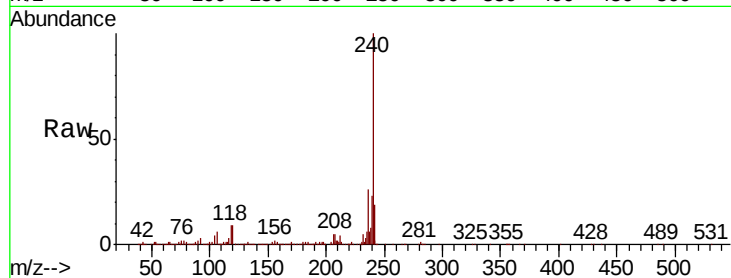




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044754.D
Acq: 13 Mar 2020 4:06

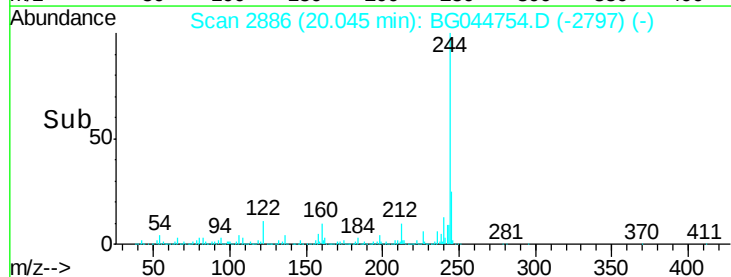
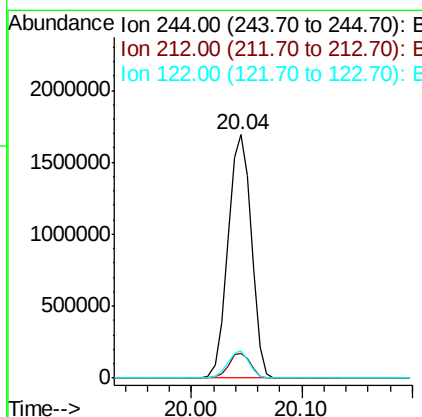
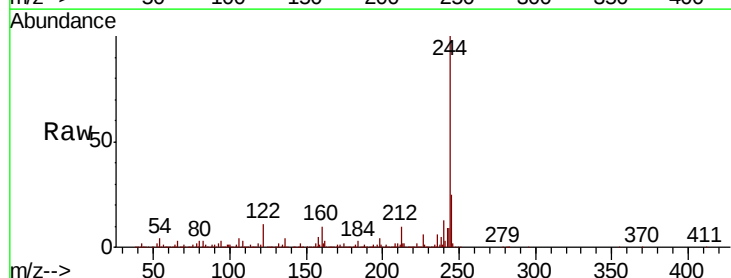
Instrument :
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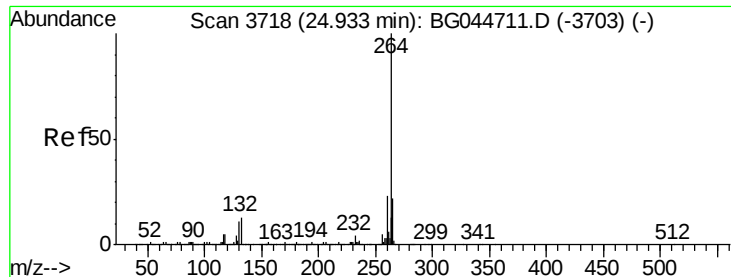
Tot Ion:240 Resp: 568089
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 26.1 21.9 32.9



#79
Terphenyl-d14
Concen: 82.639 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044754.D
Acq: 13 Mar 2020 4:06

Tgt Ion:244 Resp: 2509763
Ion Ratio Lower Upper
244 100
212 10.4 8.4 12.6
122 11.1 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: BG044754.D
 Acq: 13 Mar 2020 4:06

Instrument :
 BNA_G
 ClientSampleId :
 CB-EC-52-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.4	27.6
265	21.6	17.4	26.2

