

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044755.D
 Acq On : 13 Mar 2020 4:45
 Operator : CG/JU
 Sample : L1853-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-EC-21-G

Quant Time: Mar 13 07:46:49 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	98641	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	392315	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	266303	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	599531	20.00	ng	0.00
76) Chrysene-d12	21.70	240	569801	20.00	ng	-0.01
87) Perylene-d12	24.91	264	651944	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	750765	118.48	ng	0.00
7) Phenol-d6	7.21	99	983385	106.81	ng	0.00
23) Nitrobenzene-d5	9.21	82	807164	90.28	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	480970	137.94	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1642897	88.35	ng	0.00
79) Terphenyl-d14	20.04	244	2732142	89.69	ng	0.00

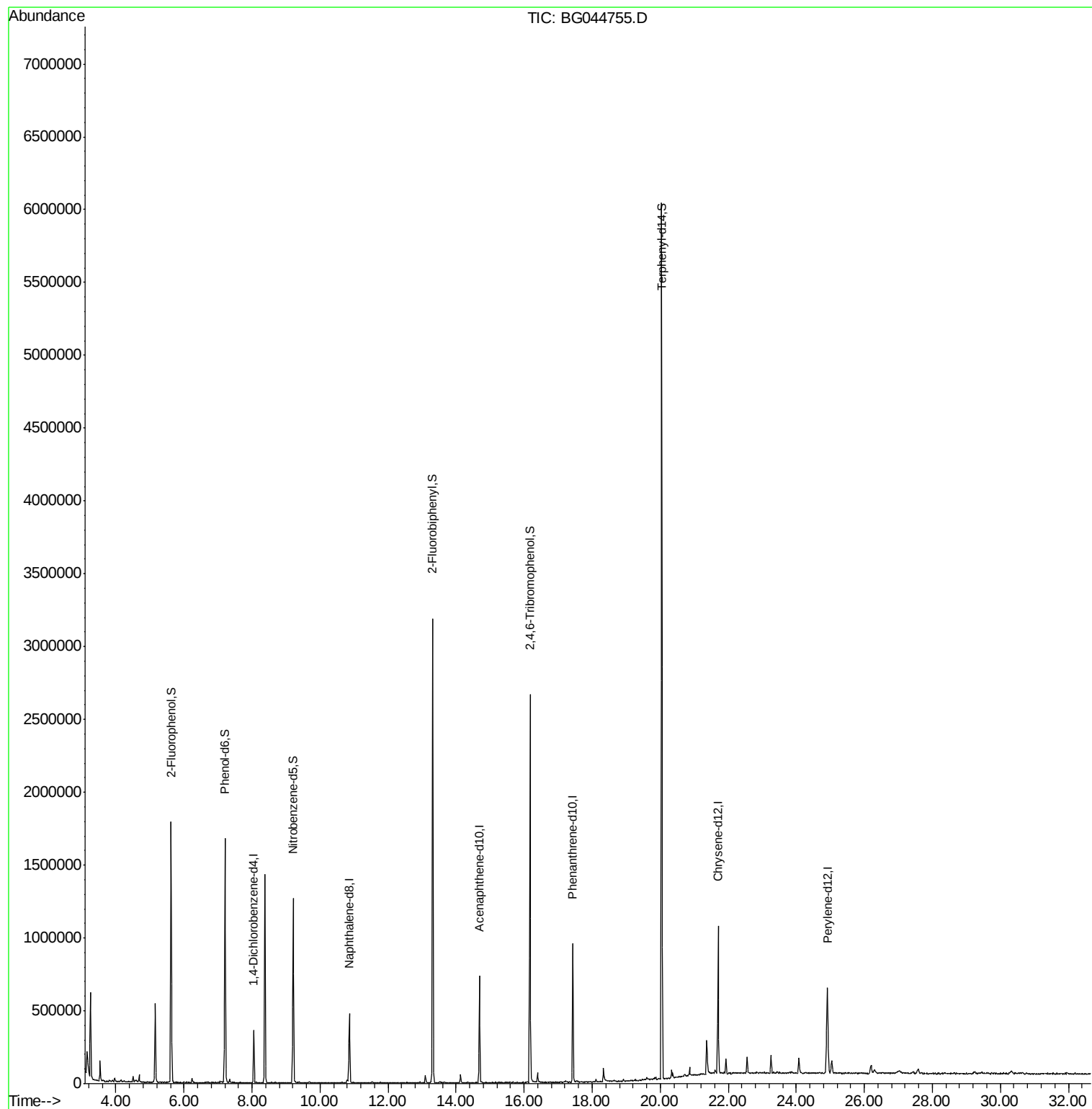
Target Compounds Qvalue

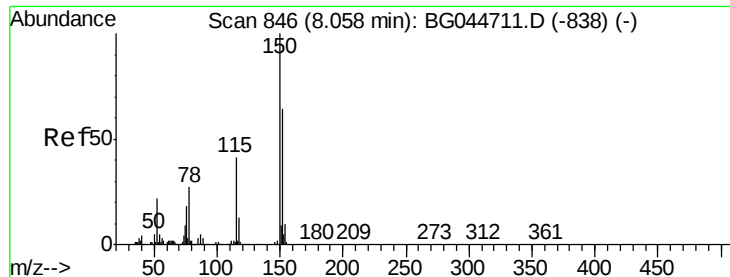
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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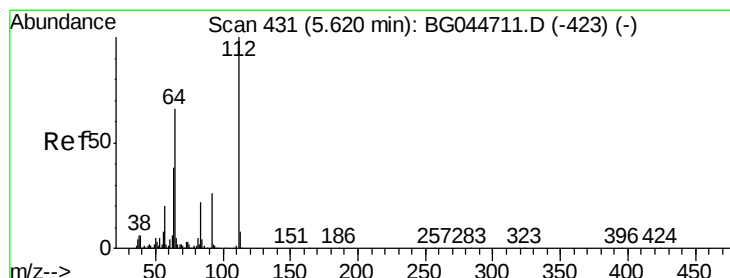
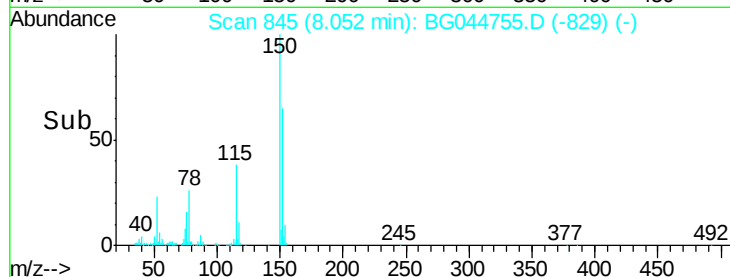
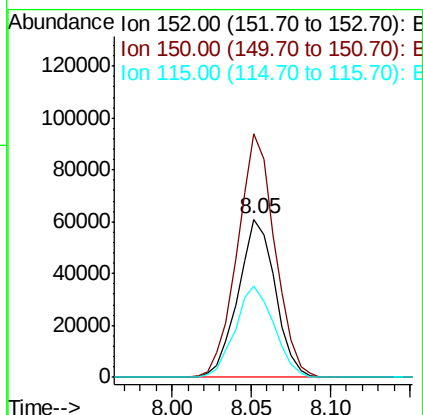
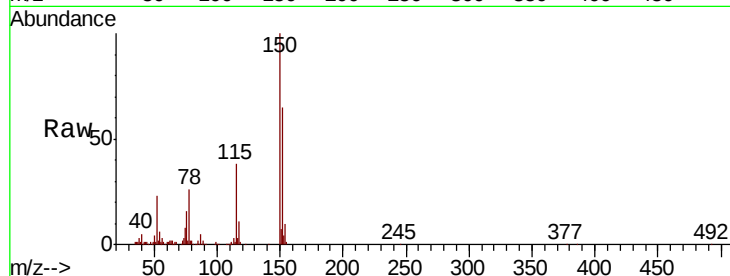


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044755.D
Acq: 13 Mar 2020 4:45

Instrument :
BNA_G
ClientSampleId :
CB-EC-21-G

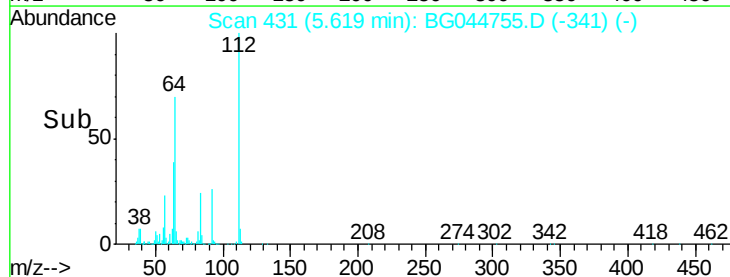
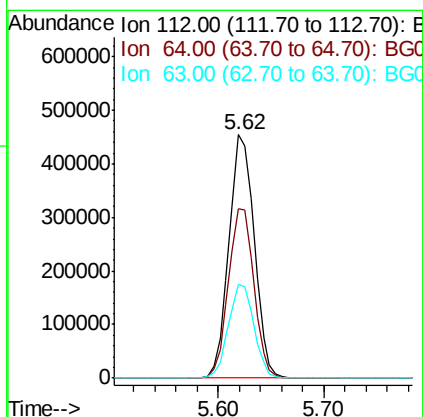
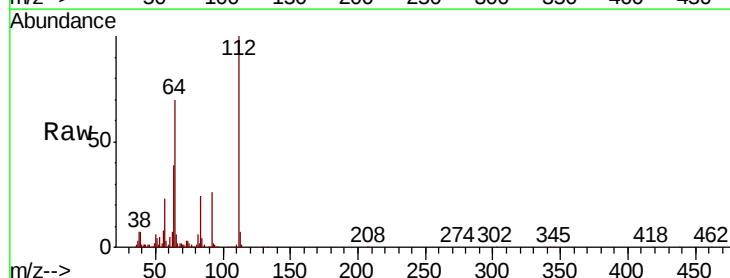
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.3	187.9
115	58.2	51.7	77.5

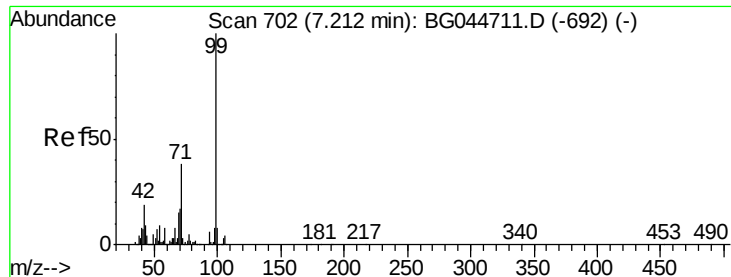


#5

2-Fluorophenol
Concen: 118.481 ng
RT: 5.62 min Scan# 431
Delta R.T. -0.00 min
Lab File: BG044755.D
Acq: 13 Mar 2020 4:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	52.6	78.8
63	38.6	30.2	45.4





#7

Phenol-d6

Concen: 106.813 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044755.D

Acq: 13 Mar 2020 4:45

Instrument :

BNA_G

ClientSampleId :

CB-EC-21-G

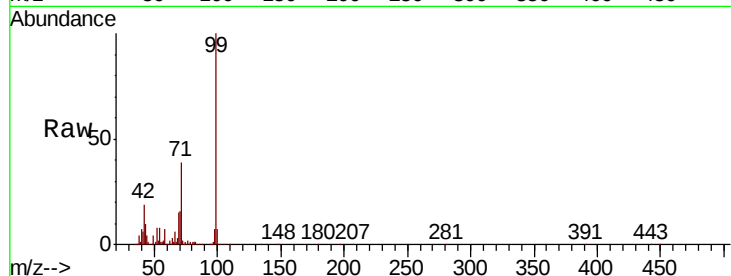
Tot Ion: 99 Resp: 983385

Ion Ratio Lower Upper

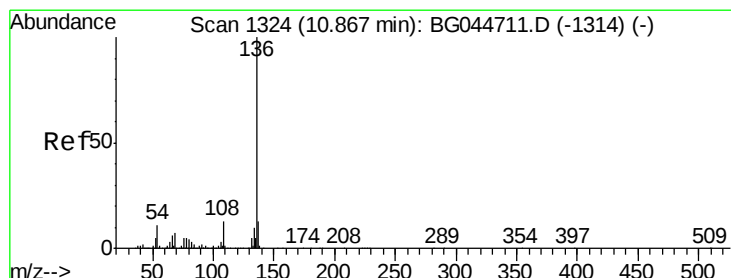
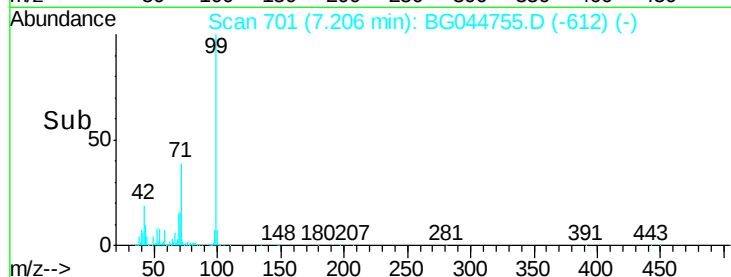
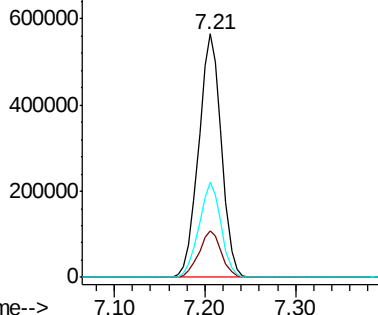
99 100

42 18.9 15.4 23.0

71 39.1 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: BG044755.D

Acq: 13 Mar 2020 4:45

Tgt Ion: 136 Resp: 392315

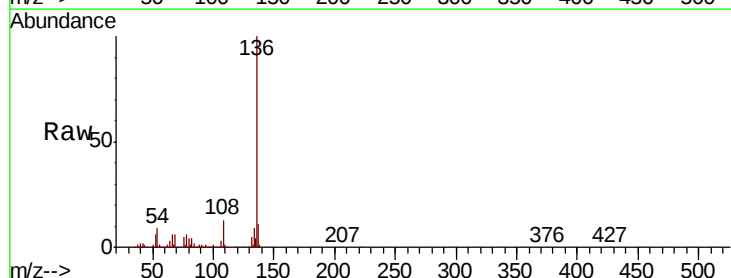
Ion Ratio Lower Upper

136 100

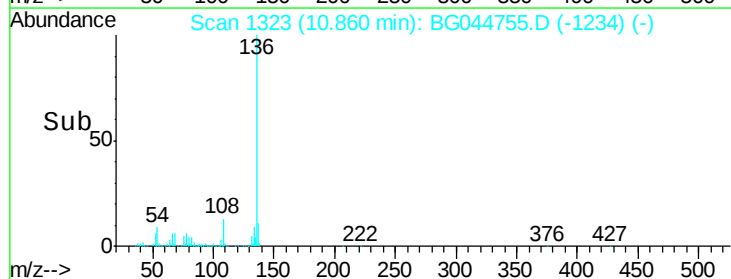
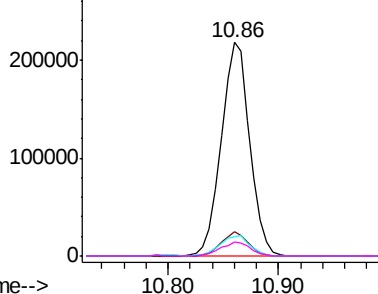
137 11.4 10.7 16.1

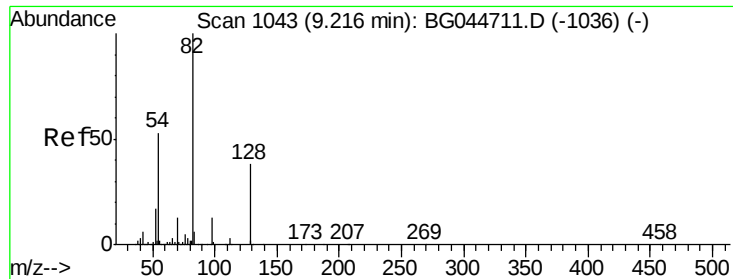
54 8.8 9.0 13.4#

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

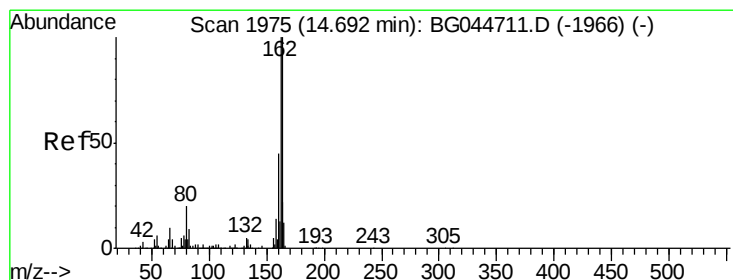
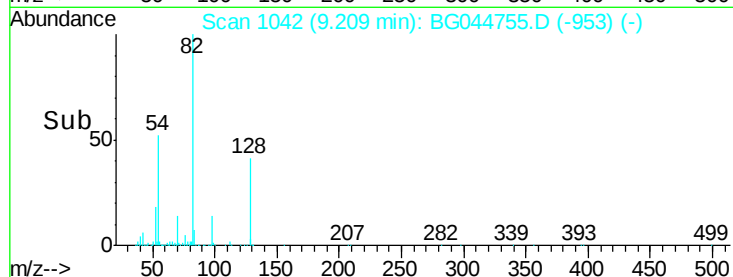
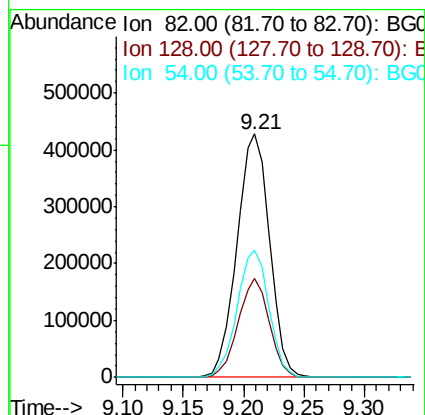
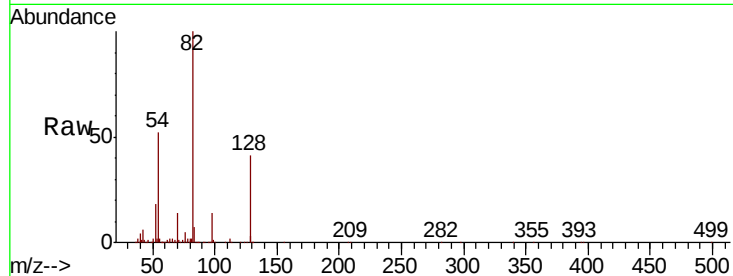




#23
Nitrobenzene-d5
Concen: 90.283 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044755.D
Acq: 13 Mar 2020 4:45

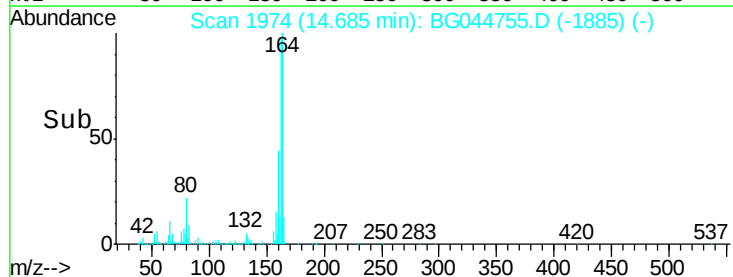
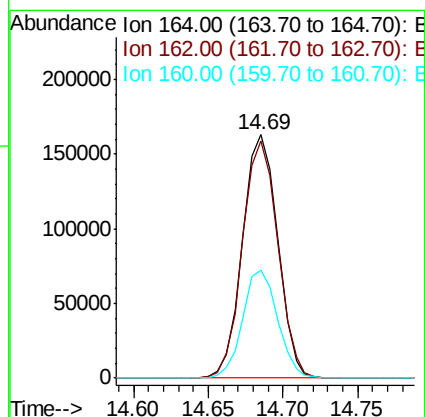
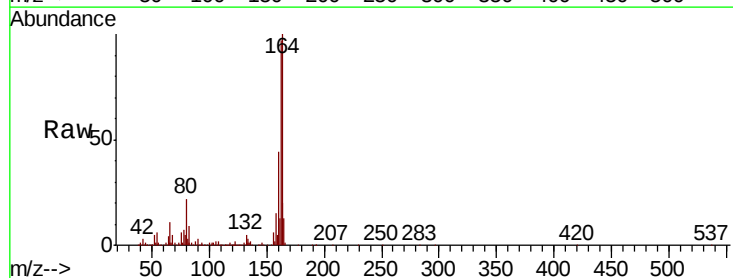
Instrument :
BNA_G
ClientSampleId :
CB-EC-21-G

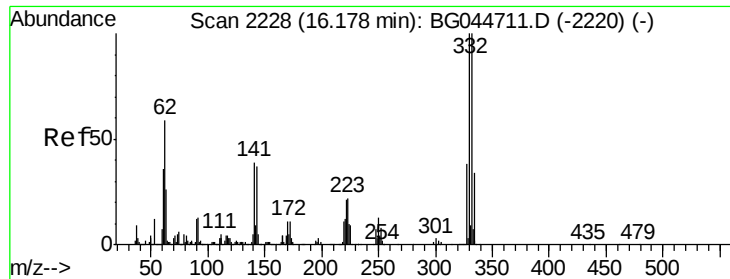
Tot Ion	82	Resp	807164
Ion Ratio	Lower	Upper	
82	100		
128	40.9	30.2	45.2
54	52.1	41.8	62.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044755.D
Acq: 13 Mar 2020 4:45

Tgt Ion	164	Resp	266303
Ion Ratio	Lower	Upper	
164	100		
162	97.3	80.2	120.4
160	44.4	36.2	54.2

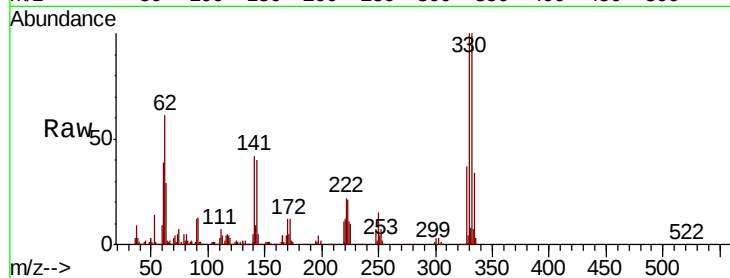




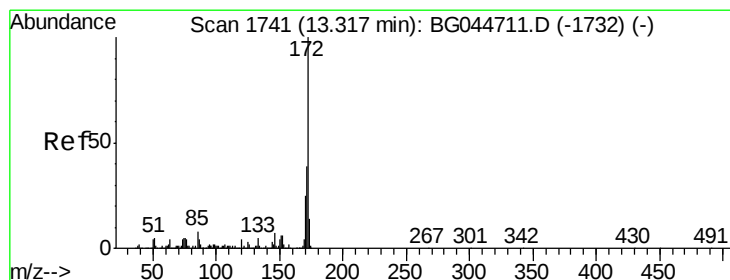
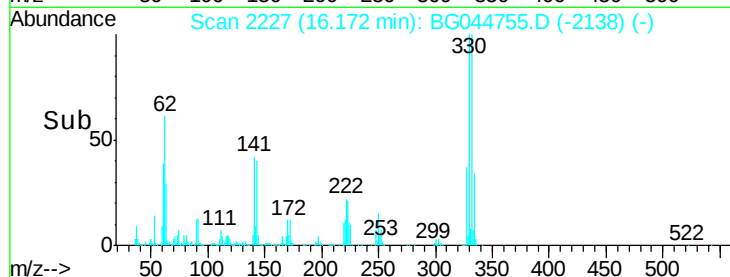
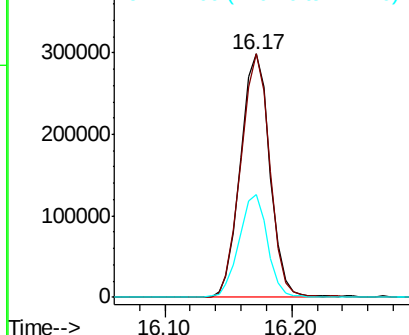
#42
 2,4,6-Tribromophenol
 Concen: 137.939 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG044755.D
 Acq: 13 Mar 2020 4:45

Instrument :
 BNA_G
 ClientSampleId :
 CB-EC-21-G

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.5	116.3
141	41.0	31.7	47.5

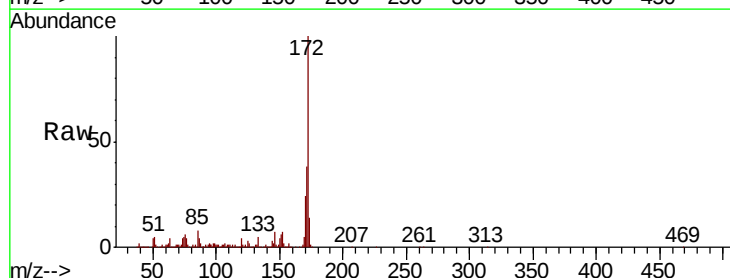


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

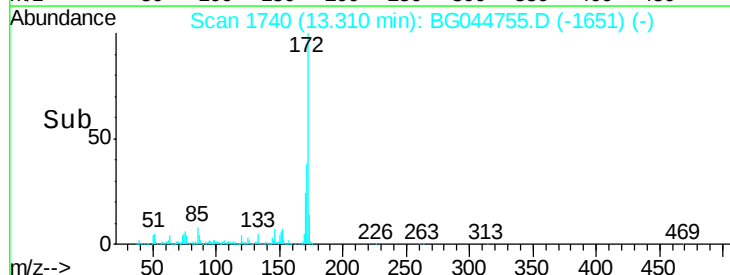
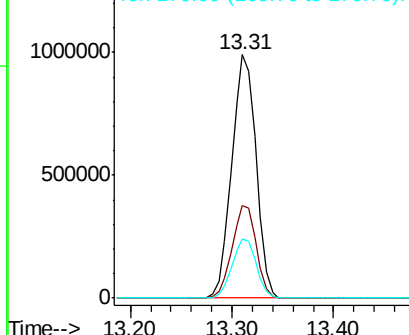


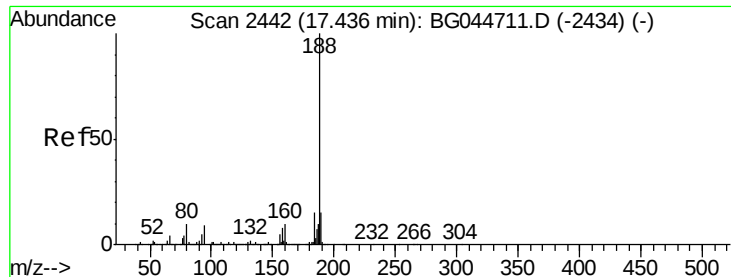
#45
 2-Fluorobiphenyl
 Concen: 88.346 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG044755.D
 Acq: 13 Mar 2020 4:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	24.3	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: BG044755.D

Acq: 13 Mar 2020 4:45

Instrument :

BNA_G

ClientSampleId :

CB-EC-21-G

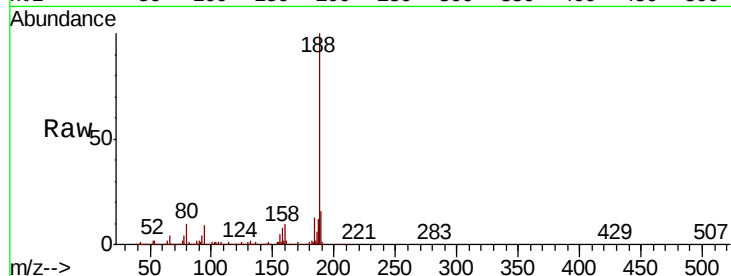
Tot Ion:188 Resp: 599531

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 10.3 8.4 12.6



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

400000

300000

200000

100000

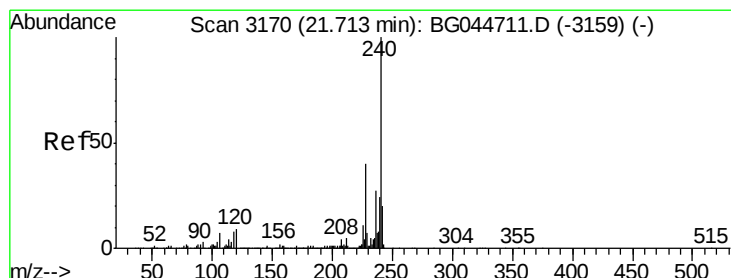
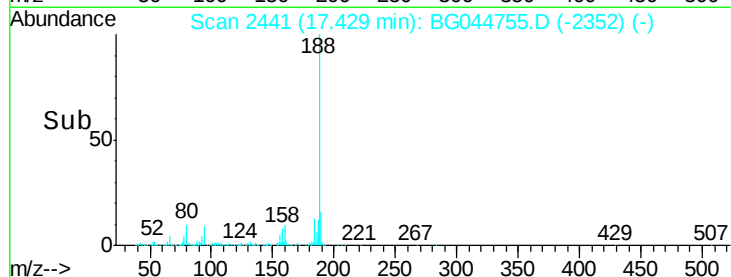
0

17.43

17.40

17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044755.D

Acq: 13 Mar 2020 4:45

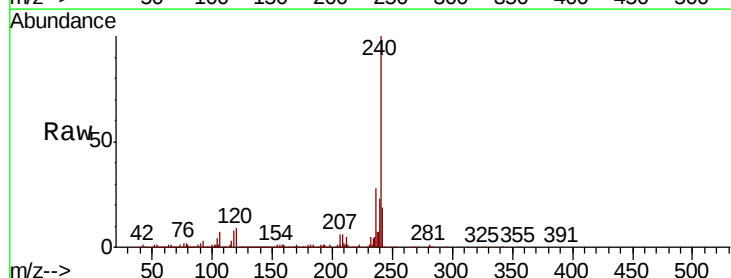
Tgt Ion:240 Resp: 569801

Ion Ratio Lower Upper

240 100

120 9.1 6.9 10.3

236 27.7 21.9 32.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

400000

300000

200000

100000

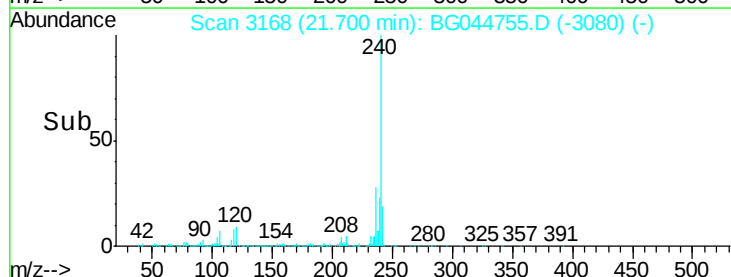
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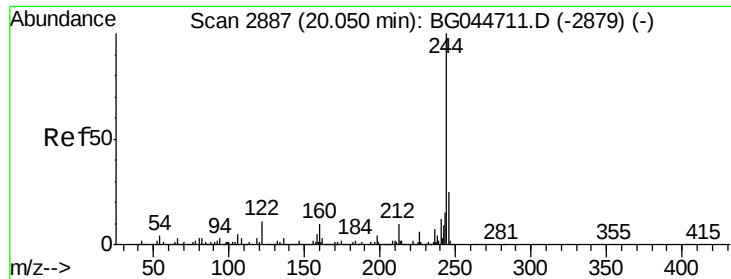
21.70

21.65

21.75

Time-->





#79

Terphenyl-d14

Concen: 89.691 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044755.D

Acq: 13 Mar 2020 4:45

Instrument :

BNA_G

ClientSampleId :

CB-EC-21-G

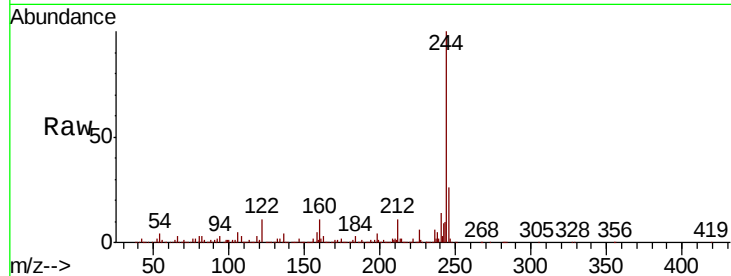
Tot Ion:244 Resp: 2732142

Ion Ratio Lower Upper

244 100

212 11.0 8.4 12.6

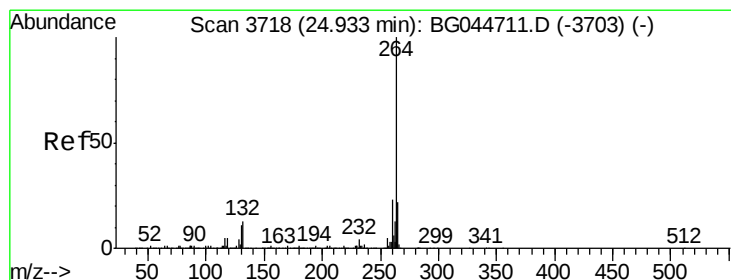
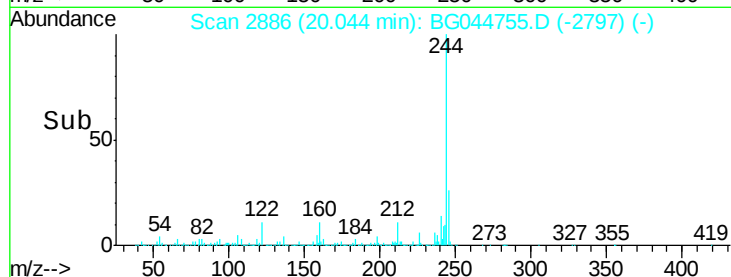
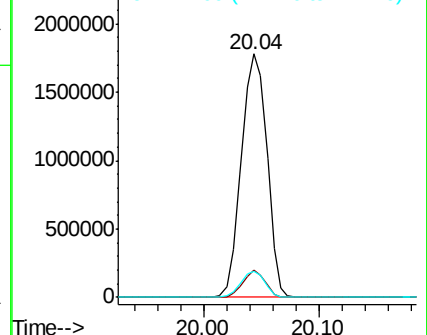
122 10.8 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG044755.D

Acq: 13 Mar 2020 4:45

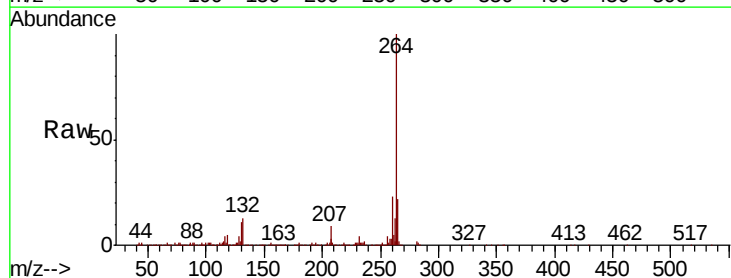
Tgt Ion:264 Resp: 651944

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 22.3 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

