

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044777.D
 Acq On : 13 Mar 2020 21:34
 Operator : CG/JU
 Sample : L1913-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MK-031220-2-5-COMP-B1

Quant Time: Mar 14 00:02:20 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

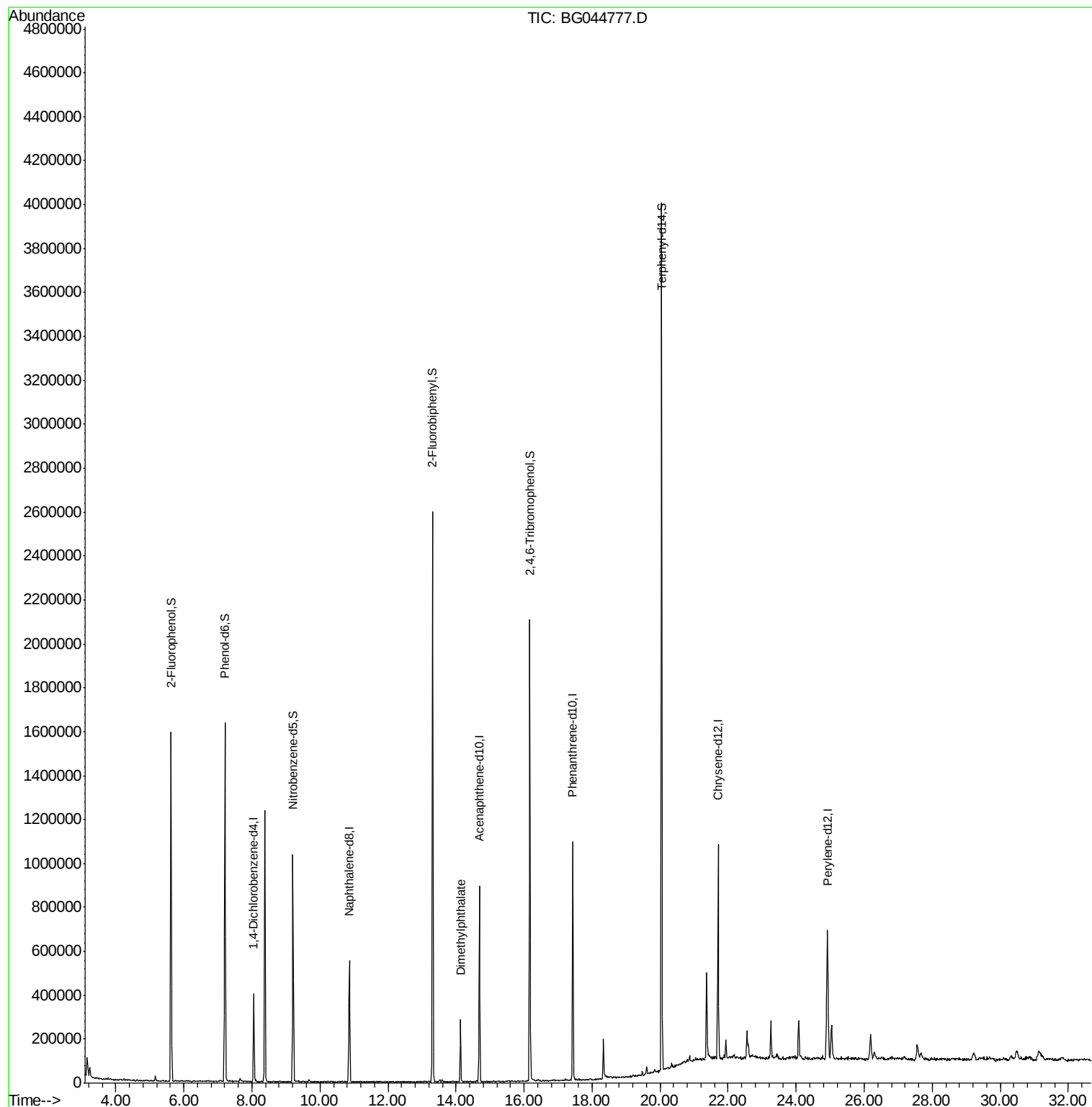
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	111662	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	460621	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	316989	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	682414	20.00	ng	0.00
76) Chrysene-d12	21.70	240	573521	20.00	ng	-0.01
87) Perylene-d12	24.92	264	637454	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	681573	95.02	ng	0.00
7) Phenol-d6	7.21	99	997284	95.69	ng	0.00
23) Nitrobenzene-d5	9.21	82	673529	64.16	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	403200	97.15	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1360893	61.48	ng	0.00
79) Terphenyl-d14	20.05	244	1857559	60.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	181034	7.171	ng	Qvalue 98

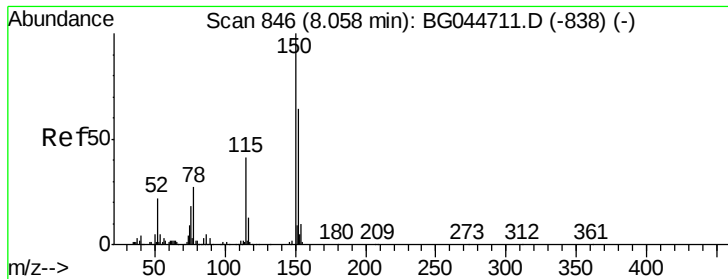
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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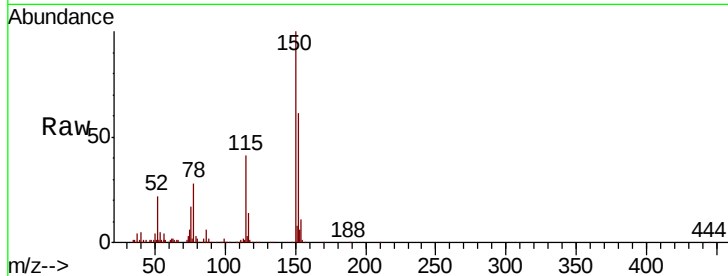


#1

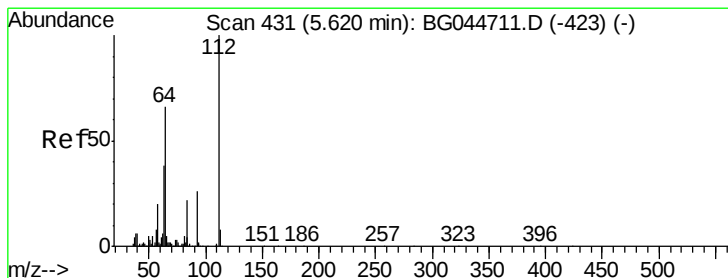
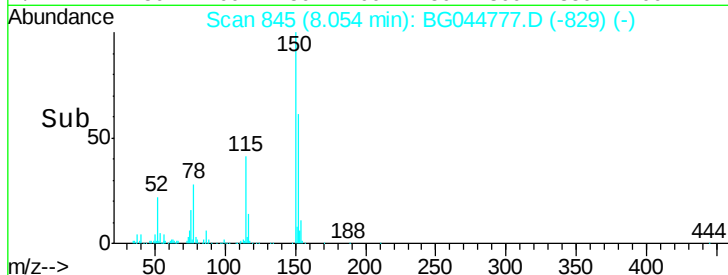
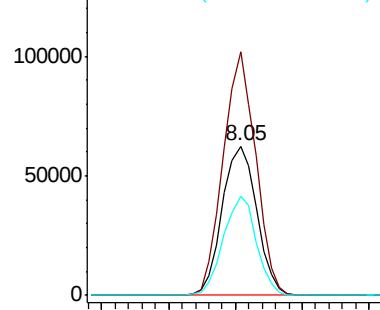
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG044777.D
 Acq: 13 Mar 2020 21:34

Instrument :
 BNA_G
 ClientSampleId :
 MK-031220-2-5-COMP-B1

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	125.3	187.9
115	66.8	51.7	77.5



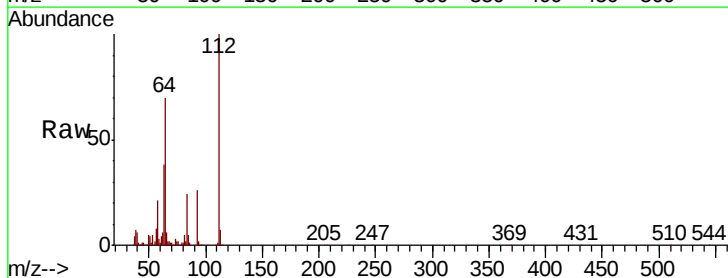
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



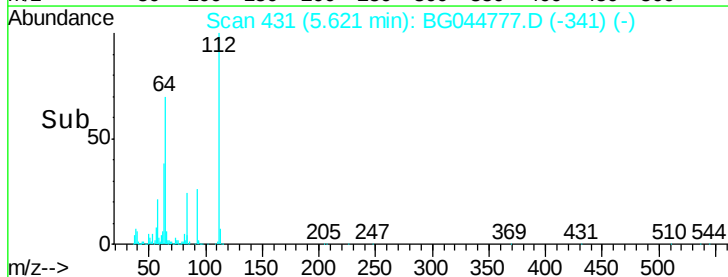
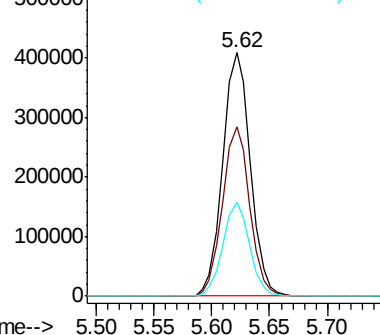
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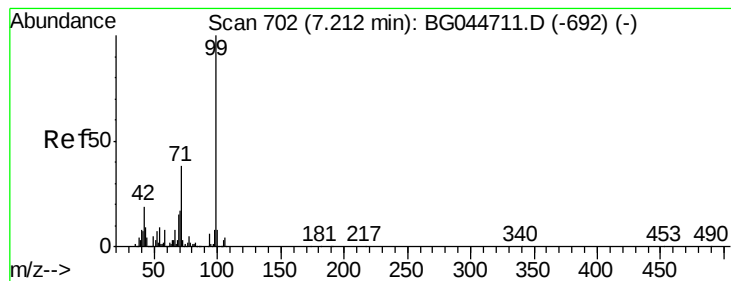
2-Fluorophenol
 Concen: 95.019 ng
 RT: 5.62 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BG044777.D
 Acq: 13 Mar 2020 21:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	52.6	78.8
63	38.4	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: 95.691 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044777.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_G

ClientSampleId :

MK-031220-2-5-COMP-B1

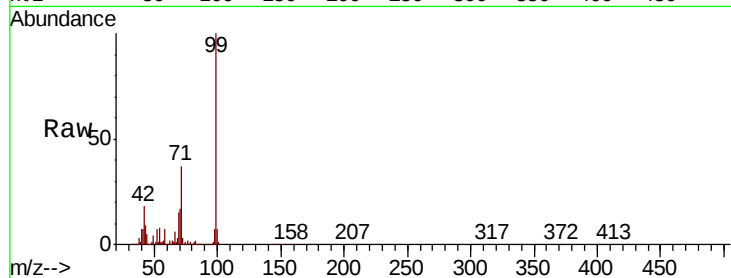
Tot Ion: 99 Resp: 997284

Ion Ratio Lower Upper

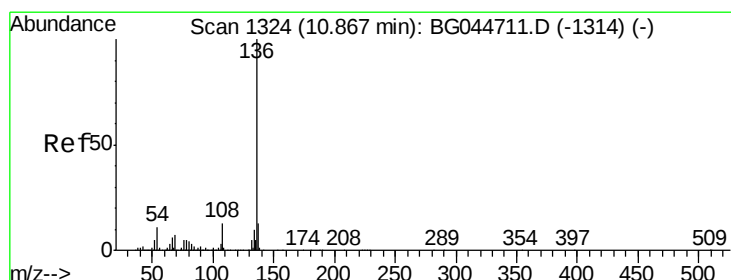
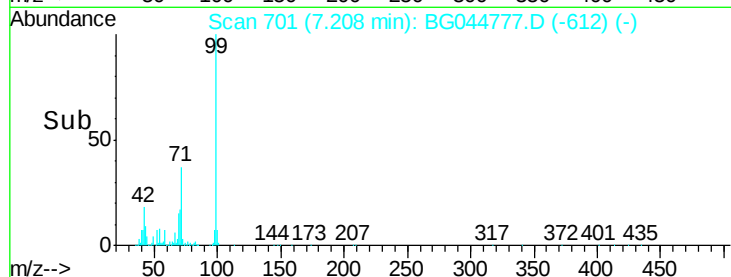
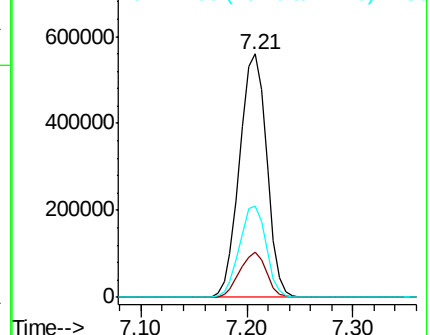
99 100

42 18.3 15.4 23.0

71 37.5 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: BG044777.D

Acq: 13 Mar 2020 21:34

Tgt Ion: 136 Resp: 460621

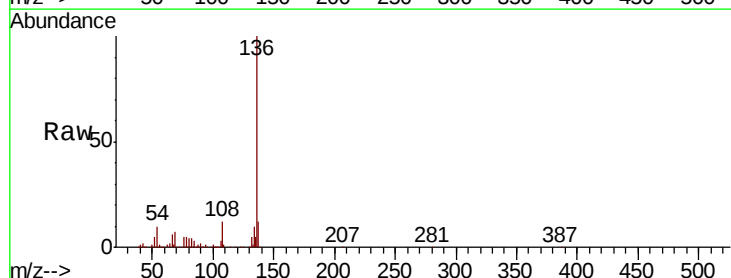
Ion Ratio Lower Upper

136 100

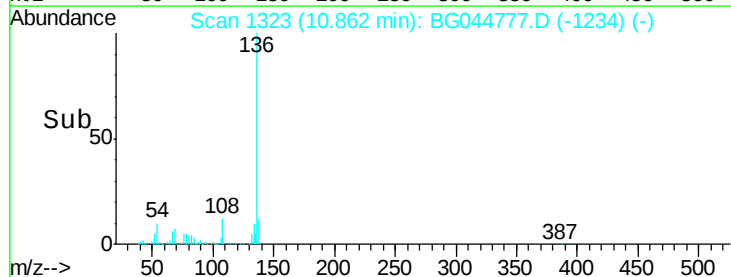
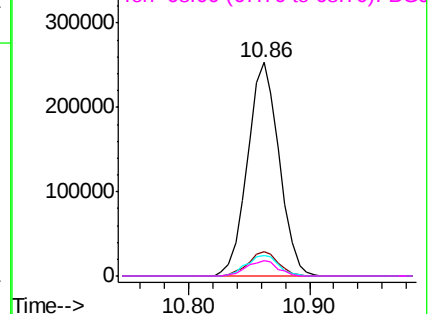
137 11.6 10.7 16.1

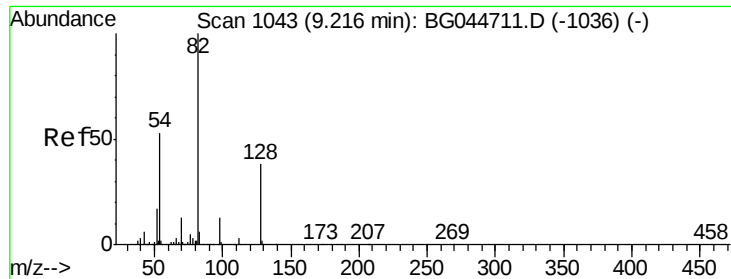
54 9.7 9.0 13.4

68 7.0 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

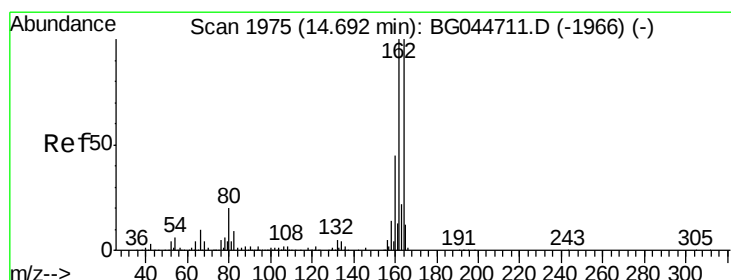
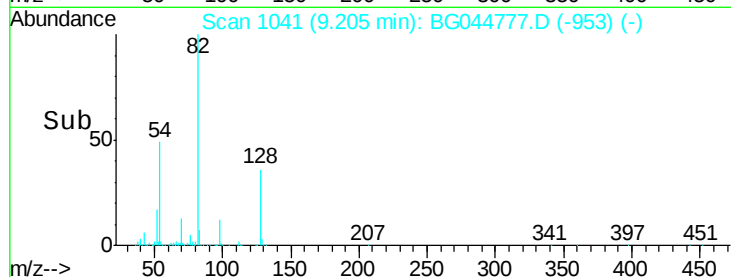
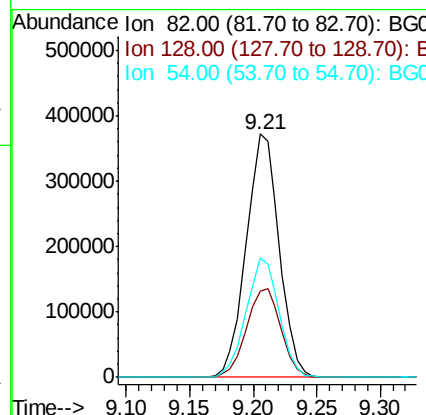
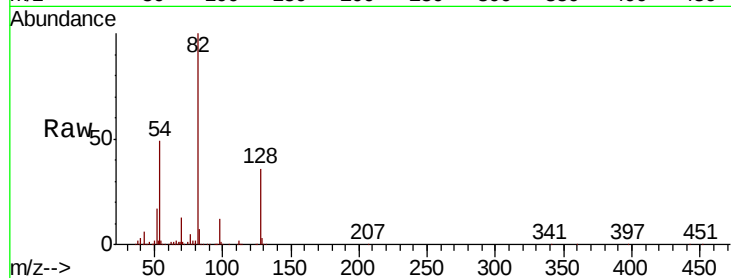




#23
 Nitrobenzene-d5
 Concen: 64.164 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG044777.D
 Acq: 13 Mar 2020 21:34

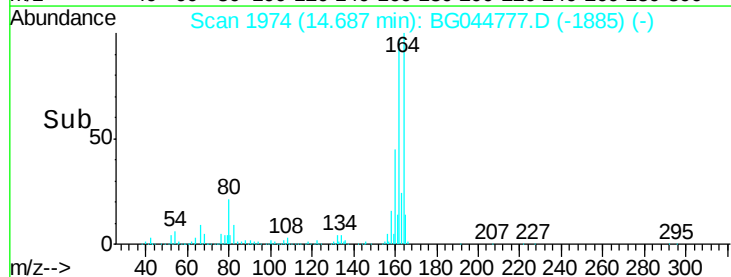
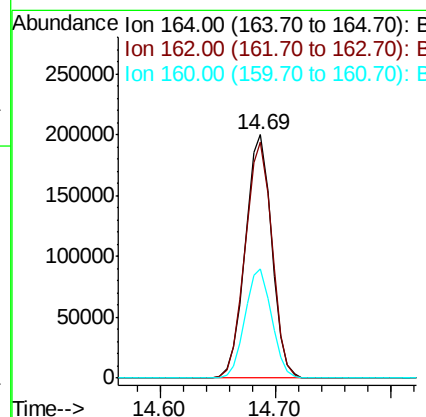
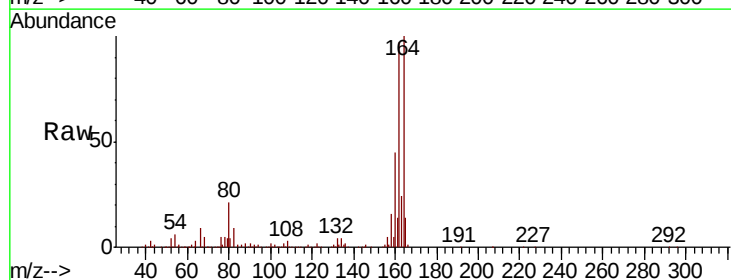
Instrument :
 BNA_G
 ClientSampleId :
 MK-031220-2-5-COMP-B1

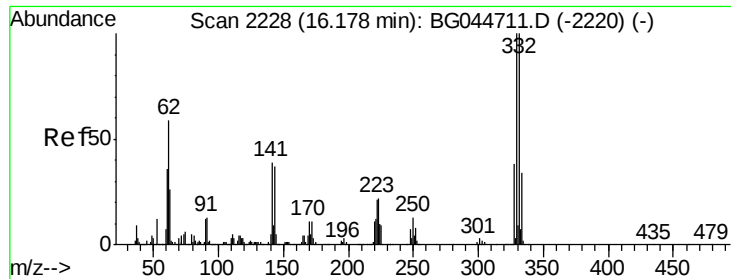
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	30.2	45.2
54	49.3	41.8	62.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG044777.D
 Acq: 13 Mar 2020 21:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.7	80.2	120.4
160	44.9	36.2	54.2

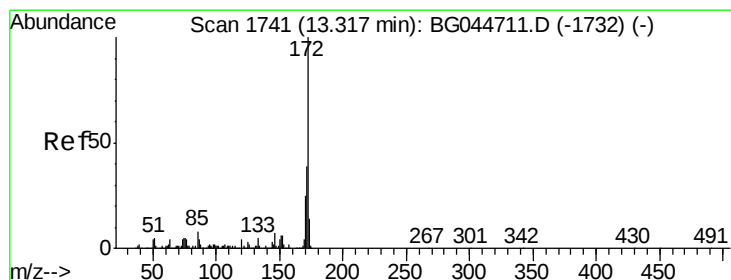
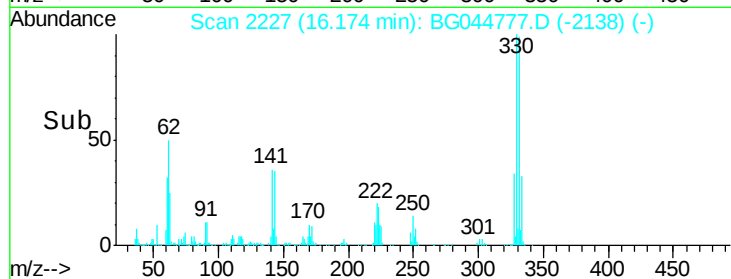
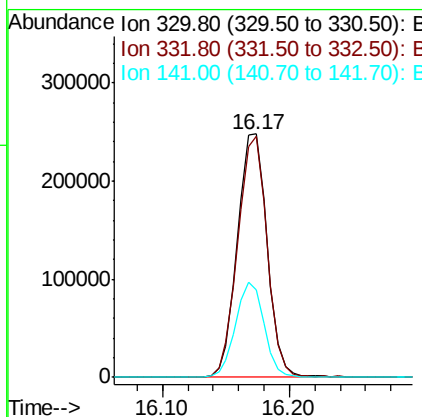
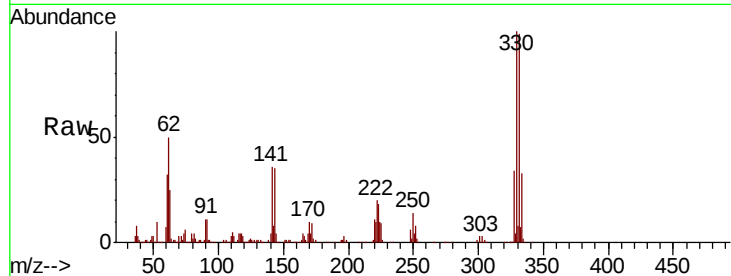




#42
 2,4,6-Tribromophenol
 Concen: 97.145 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG044777.D
 Acq: 13 Mar 2020 21:34

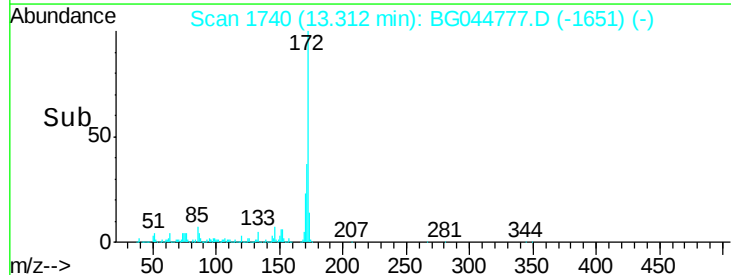
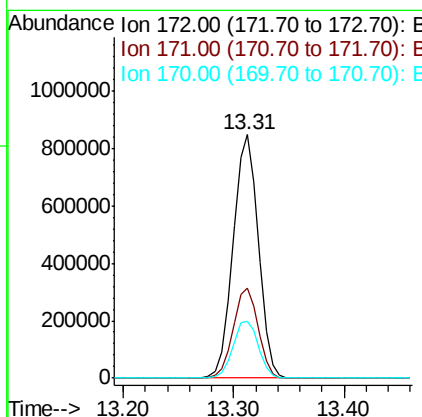
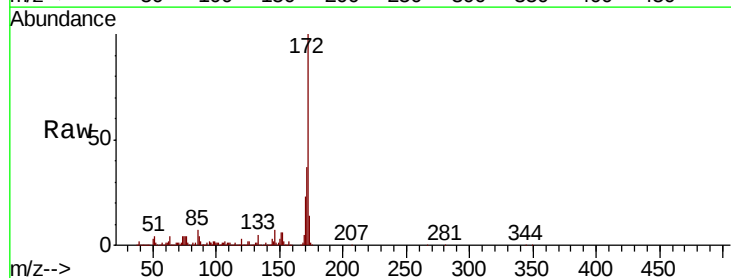
Instrument :
 BNA_G
 ClientSampleId :
 MK-031220-2-5-COMP-B1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.5	116.3
141	37.6	31.7	47.5



#45
 2-Fluorobiphenyl
 Concen: 61.480 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG044777.D
 Acq: 13 Mar 2020 21:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	23.5	20.0	30.0





#50

Dimethylphthalate

Concen: 7.171 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG044777.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_G

ClientSampleId :

MK-031220-2-5-COMP-B1

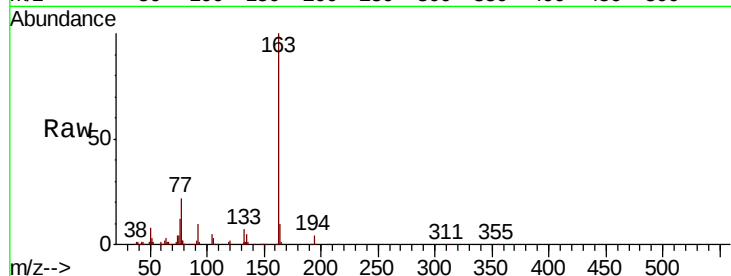
Tot Ion:163 Resp: 181034

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

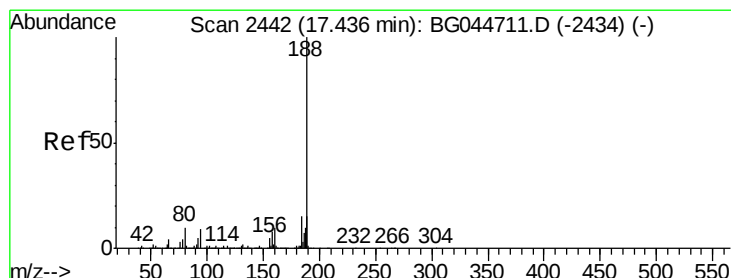
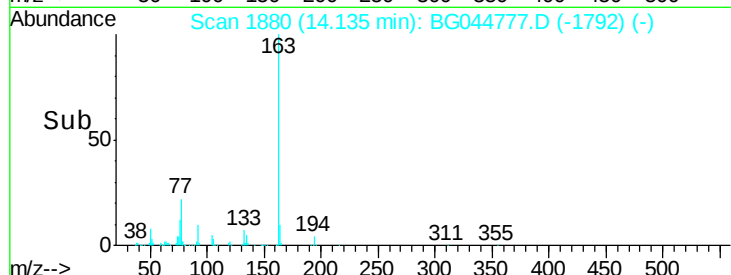
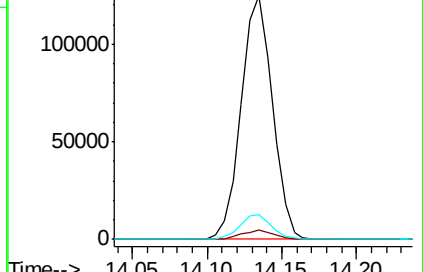
164 10.4 9.2 13.8



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: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044777.D

Acq: 13 Mar 2020 21:34

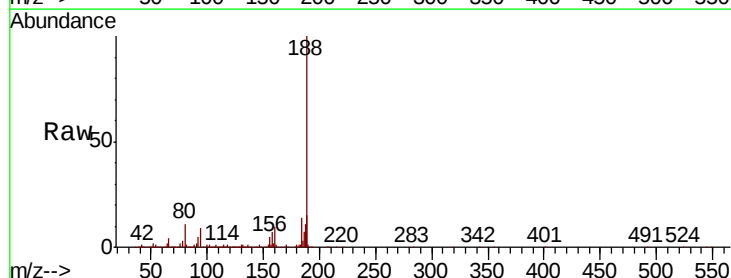
Tgt Ion:188 Resp: 682414

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

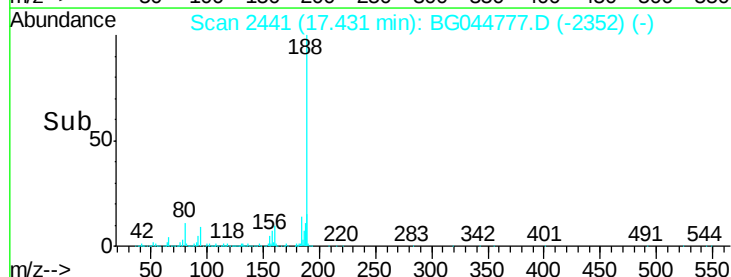
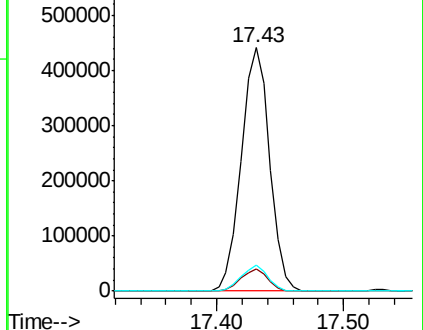
80 10.6 8.4 12.6

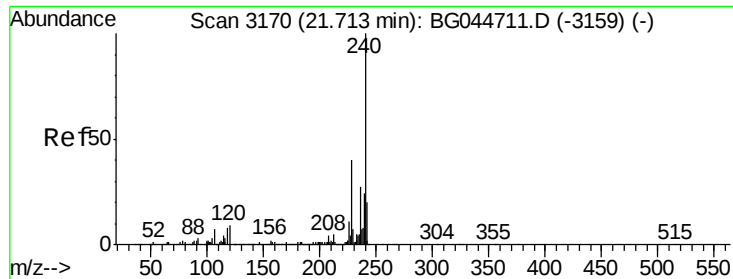


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

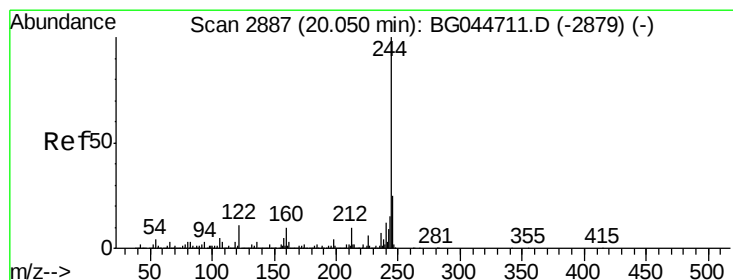
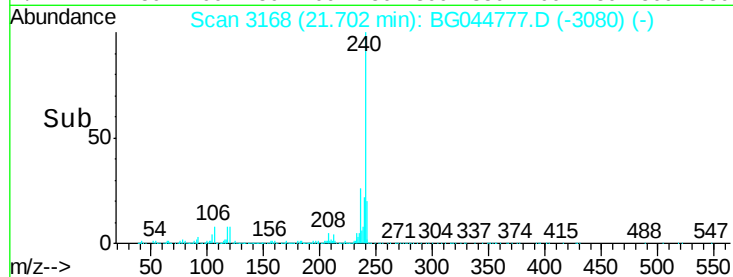
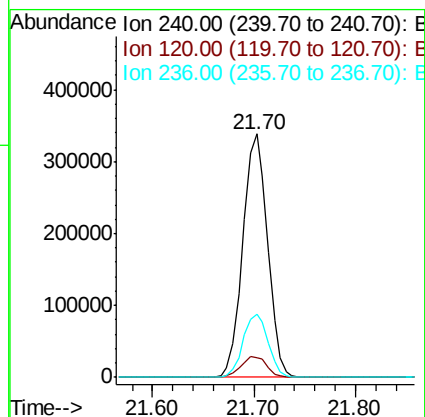
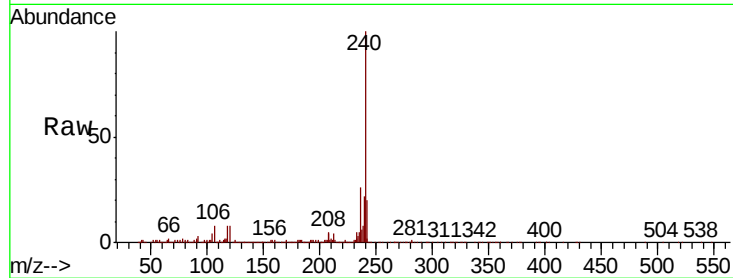




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044777.D
Acq: 13 Mar 2020 21:34

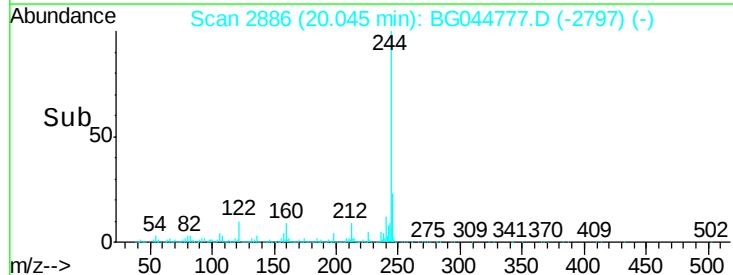
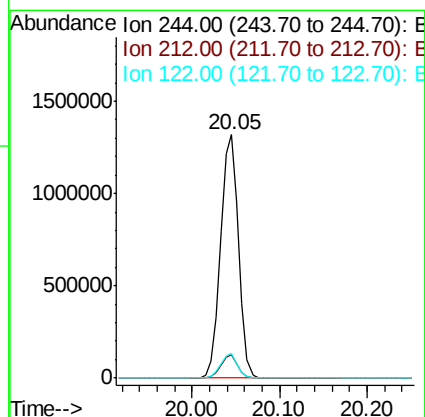
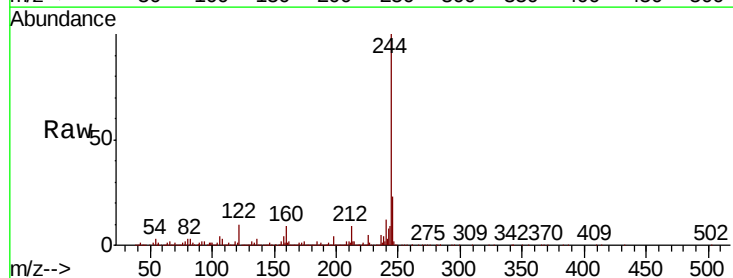
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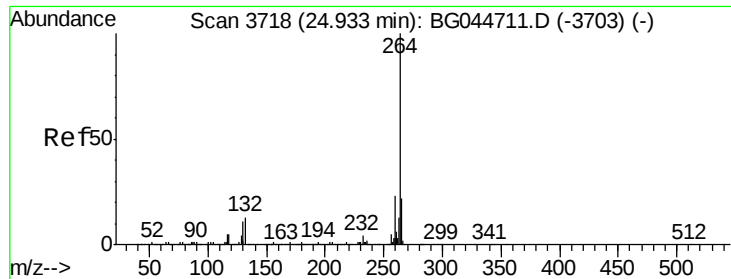
Tot Ion:240 Resp: 573521
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 25.7 21.9 32.9



#79
Terphenyl-d14
Concen: 60.585 ng
RT: 20.05 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG044777.D
Acq: 13 Mar 2020 21:34

Tgt Ion:244 Resp: 1857559
Ion Ratio Lower Upper
244 100
212 9.4 8.4 12.6
122 9.9 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: BG044777.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_G
ClientSampleId :
MK-031220-2-5-COMP-B1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	22.8	17.4	26.2

