

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044946.D
 Acq On : 25 Mar 2020 2:40
 Operator : CG/JU
 Sample : L1994-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4A

Quant Time: Mar 25 09:15:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	77237	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	290324	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	193792	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	451031	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	460882	20.00	ng	-0.01
87) Perylene-d12	24.89	264	487334	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	650064	131.02	ng	0.00
7) Phenol-d6	7.20	99	800094	110.99	ng	0.00
23) Nitrobenzene-d5	9.19	82	688239	104.02	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	446777	176.08	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1458618	107.79	ng	0.00
79) Terphenyl-d14	20.03	244	2369365	96.16	ng	0.00

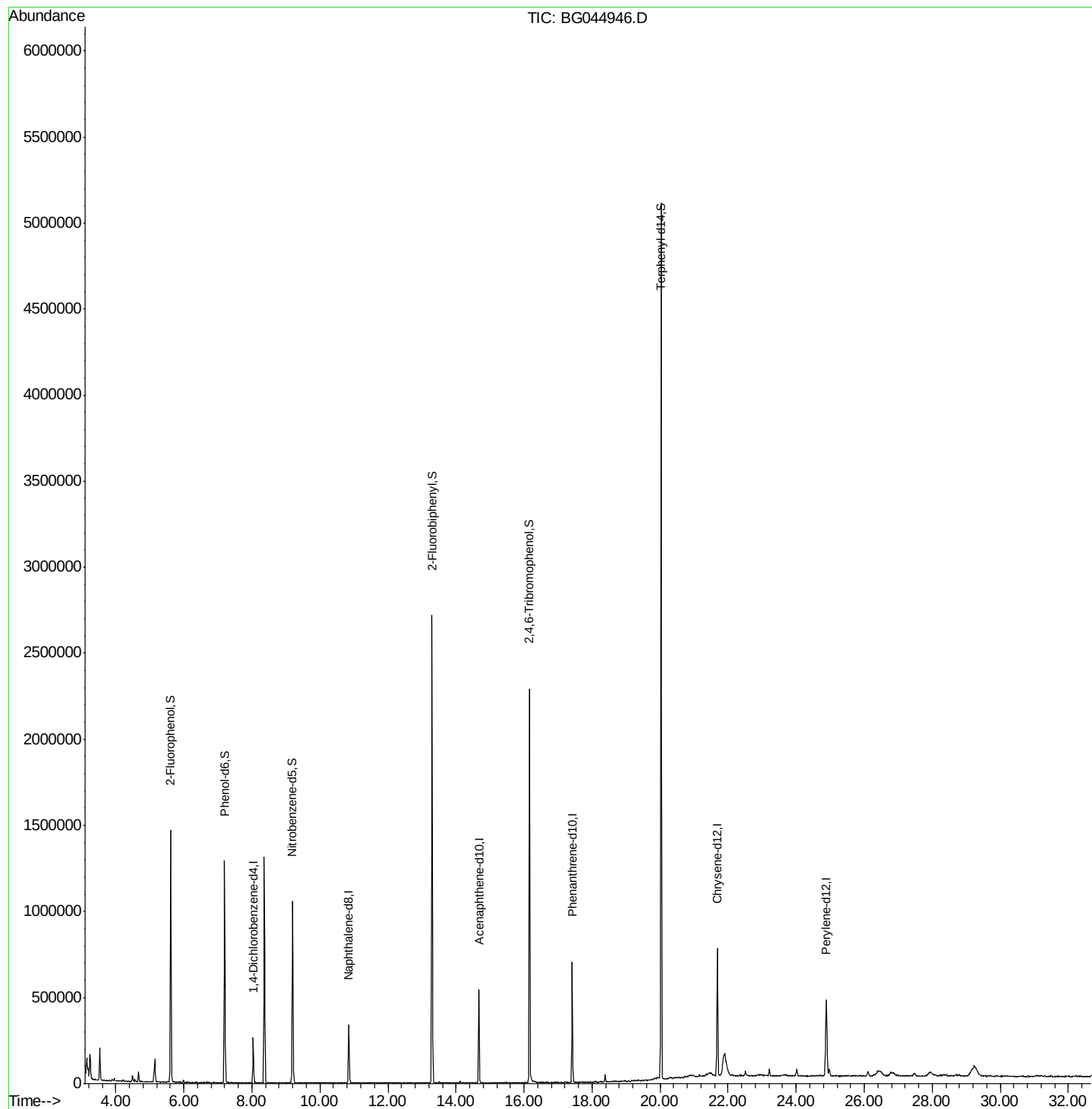
Target Compounds Qvalue

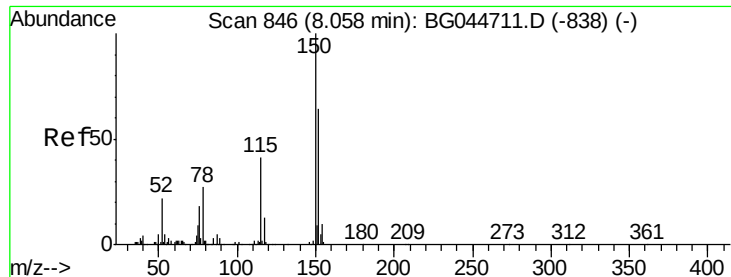
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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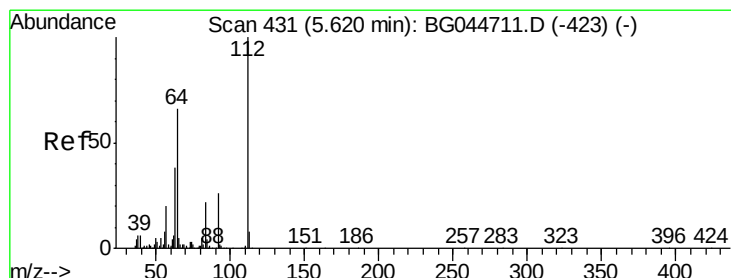
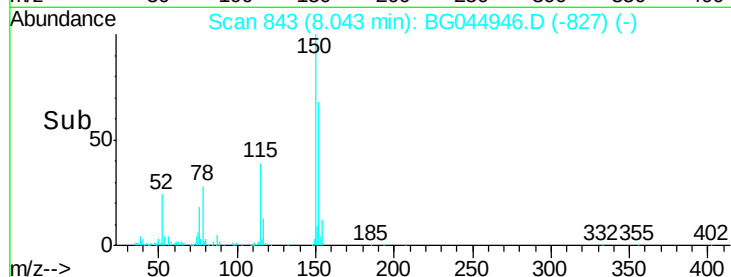
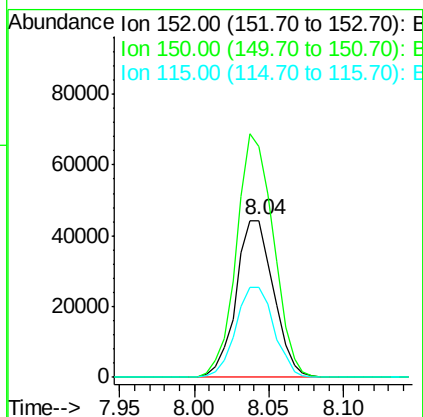
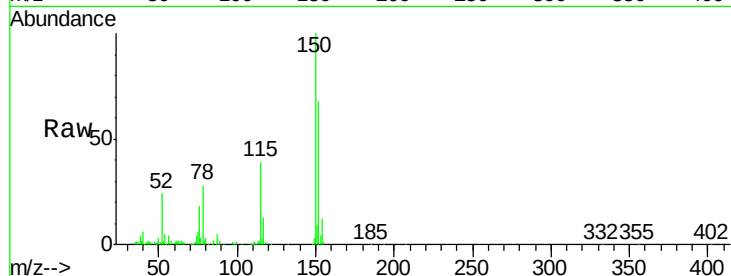


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044946.D
Acq: 25 Mar 2020 2:40

Instrument :
BNA_G
ClientSampleId :
TP-4A

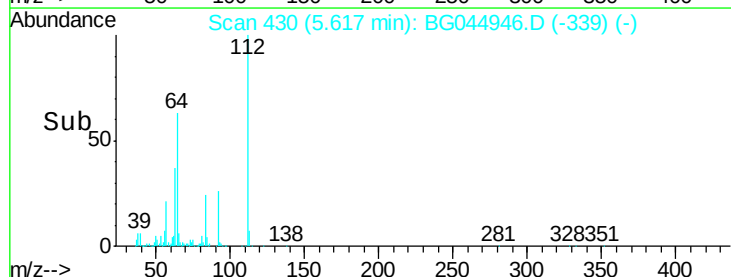
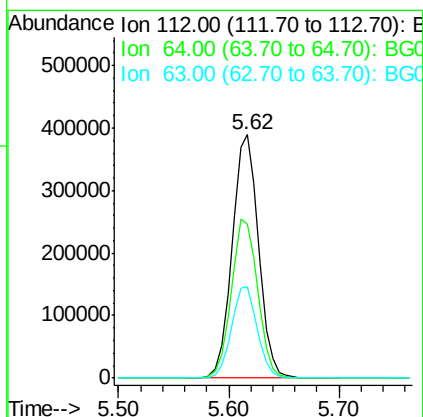
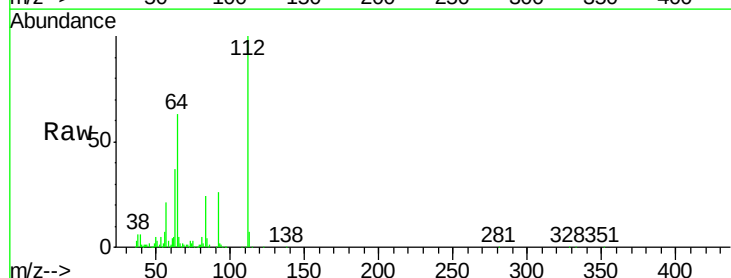
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	128.8	193.2
115	57.0	52.6	79.0

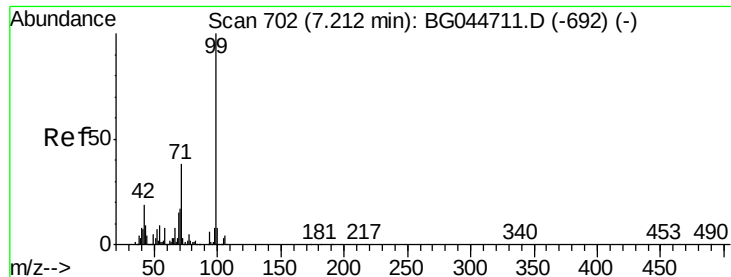


#5

2-Fluorophenol
Concen: 131.019 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044946.D
Acq: 25 Mar 2020 2:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	53.4	80.2
63	37.4	29.4	44.2





#7

Phenol-d6

Concen: 110.987 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG044946.D

Acq: 25 Mar 2020 2:40

Instrument :

BNA_G

ClientSampleId :

TP-4A

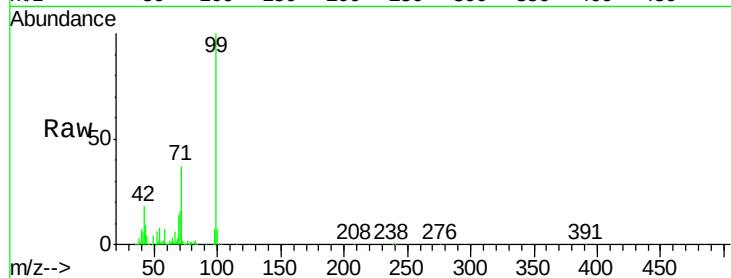
Tot Ion: 99 Resp: 800094

Ion Ratio Lower Upper

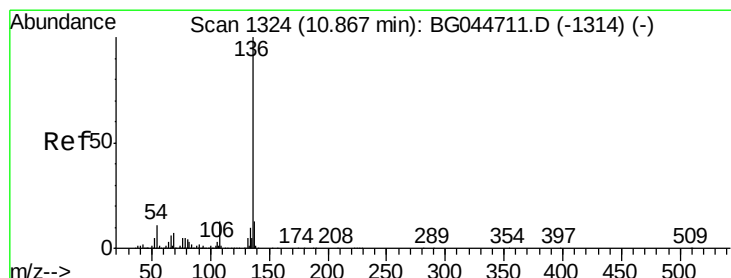
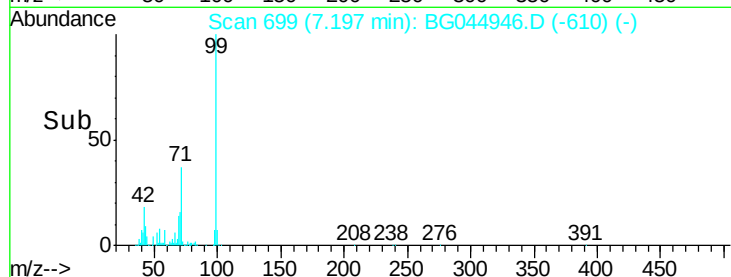
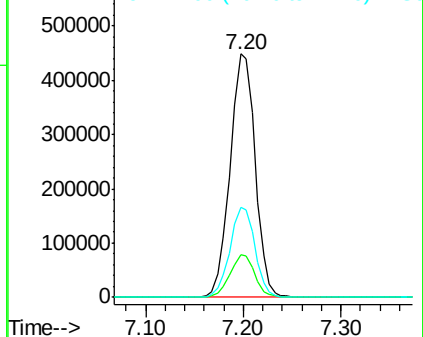
99 100

42 17.6 12.6 19.0

71 37.0 29.0 43.4



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: 10.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG044946.D

Acq: 25 Mar 2020 2:40

Tgt Ion: 136 Resp: 290324

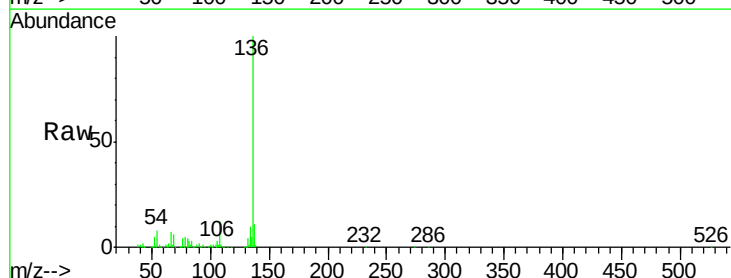
Ion Ratio Lower Upper

136 100

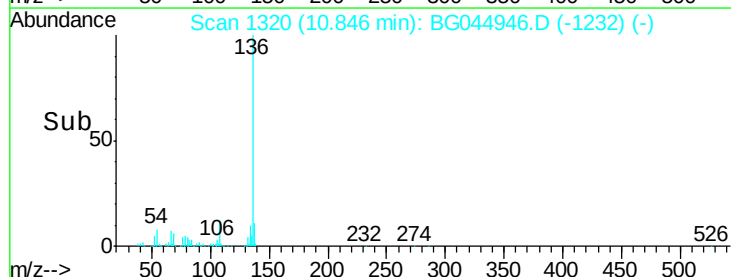
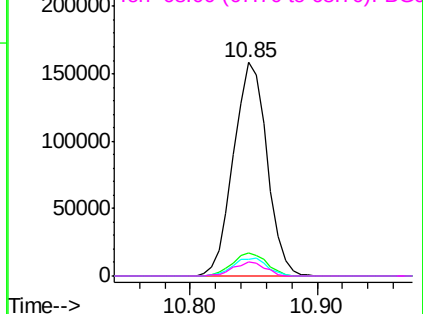
137 10.9 9.8 14.6

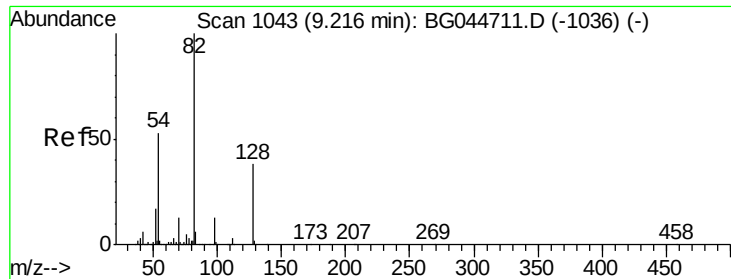
54 7.7 7.9 11.9#

68 6.4 5.4 8.0



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

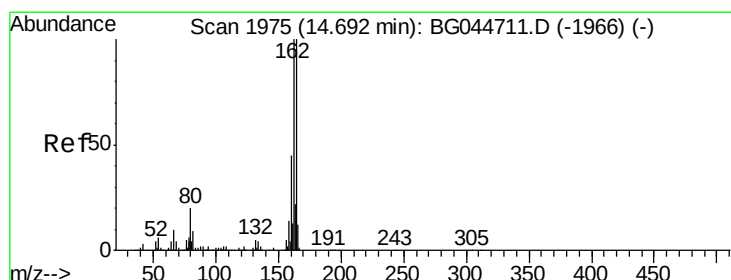
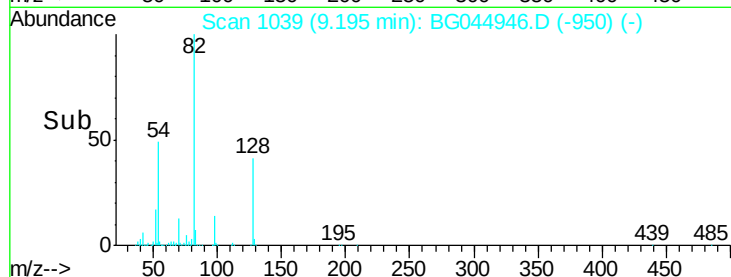
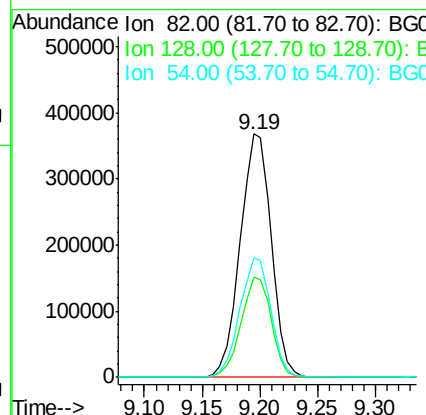
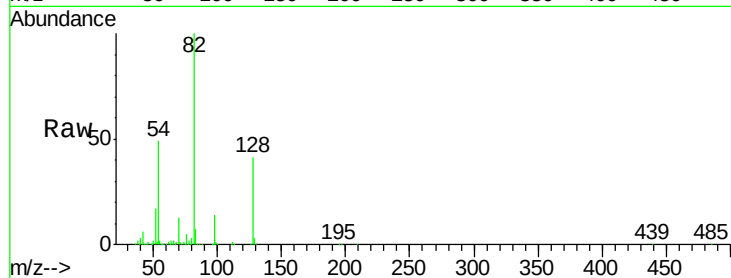




#23
Nitrobenzene-d5
Concen: 104.025 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BG044946.D
Acq: 25 Mar 2020 2:40

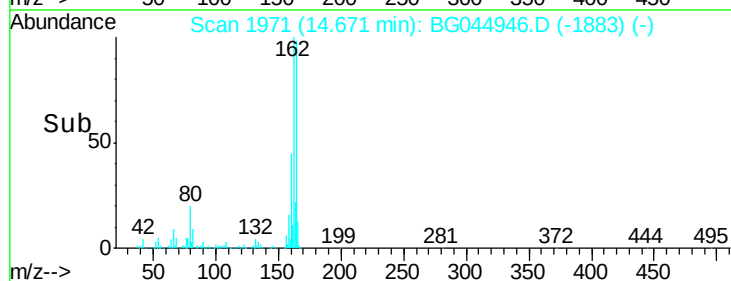
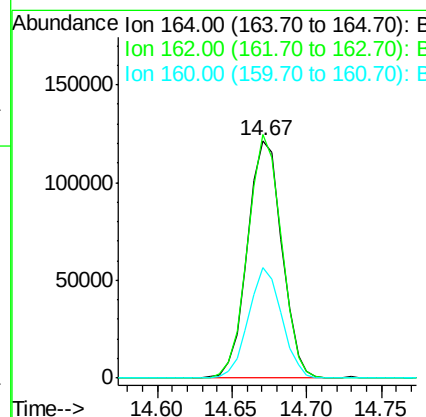
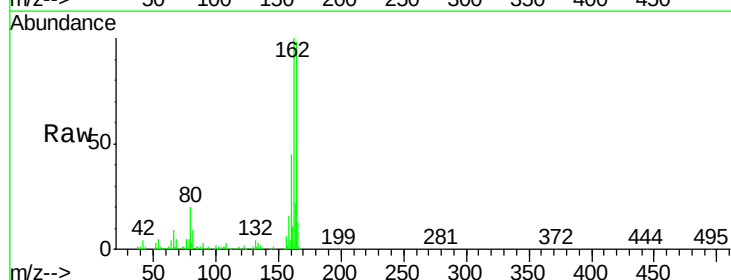
Instrument :
BNA_G
ClientSampled :
TP-4A

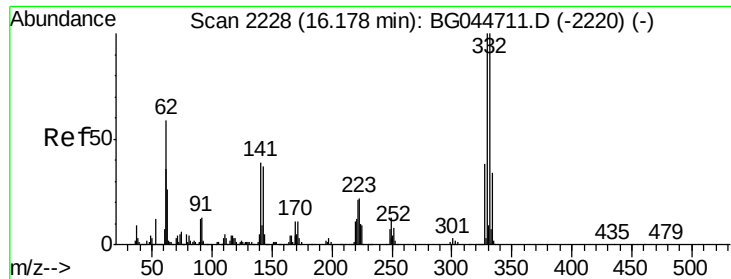
Tot Ion	82	Resp	688239
Ion Ratio	Lower	Upper	
82	100		
128	41.2	30.6	46.0
54	49.0	37.1	55.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG044946.D
Acq: 25 Mar 2020 2:40

Tgt Ion	164	Resp	193792
Ion Ratio	Lower	Upper	
164	100		
162	102.5	76.7	115.1
160	46.6	35.0	52.4

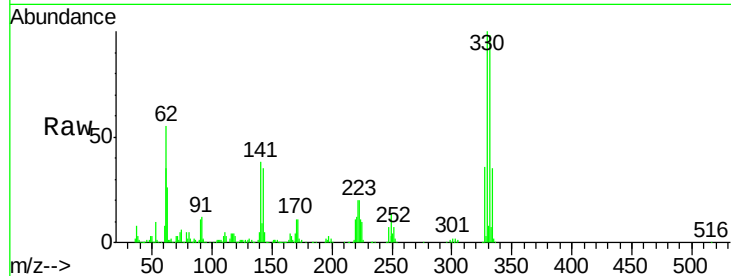




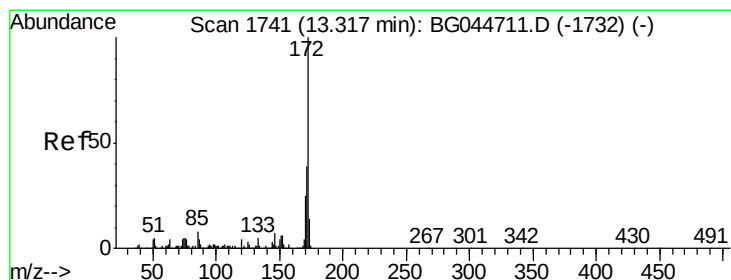
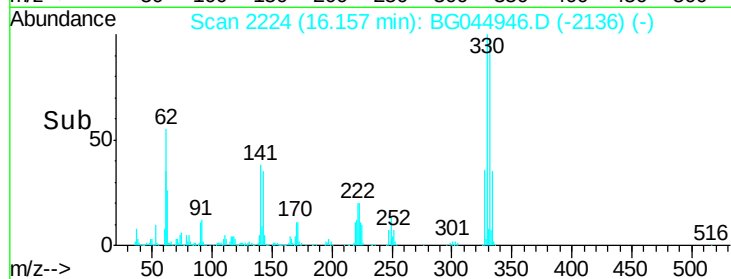
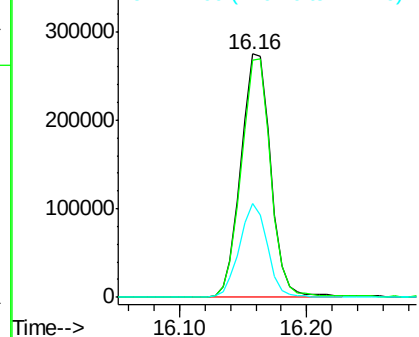
#42
 2,4,6-Tribromophenol
 Concen: 176.076 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG044946.D
 Acq: 25 Mar 2020 2:40

Instrument :
 BNA_G
 ClientSampleId :
 TP-4A

Tot Ion:330 Resp: 446777
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.8 116.6
 141 36.5 29.5 44.3

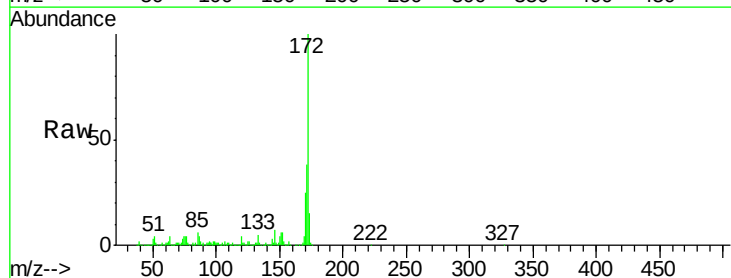


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

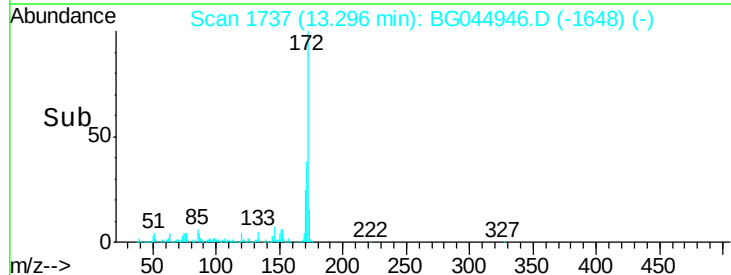
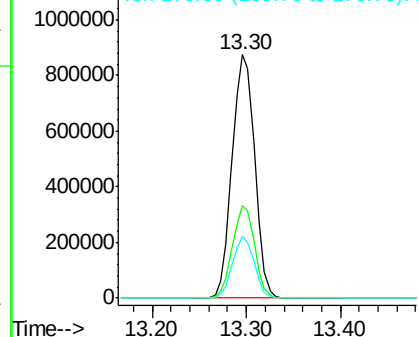


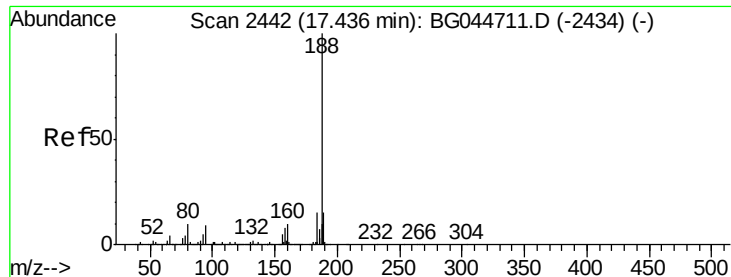
#45
 2-Fluorobiphenyl
 Concen: 107.785 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG044946.D
 Acq: 25 Mar 2020 2:40

Tgt Ion:172 Resp: 1458618
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.7 43.1
 170 25.3 19.0 28.6



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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG044946.D

Acq: 25 Mar 2020 2:40

Instrument :

BNA_G

ClientSampleId :

TP-4A

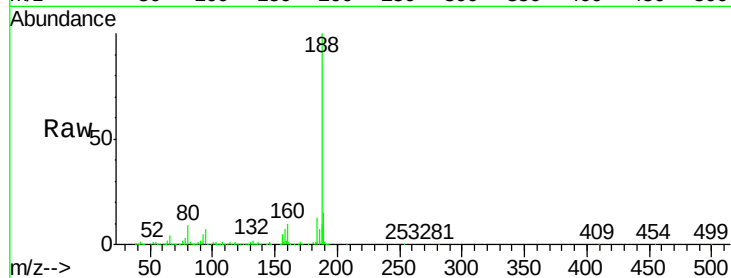
Tot Ion:188 Resp: 451031

Ion Ratio Lower Upper

188 100

94 6.9 7.3 10.9#

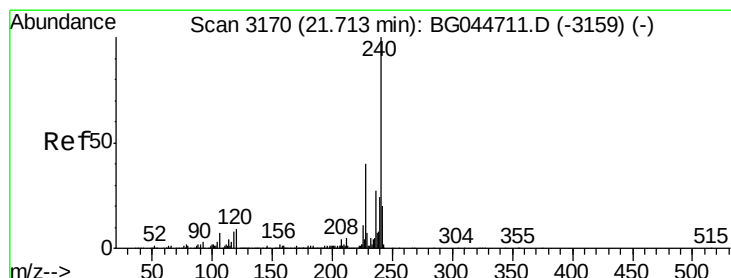
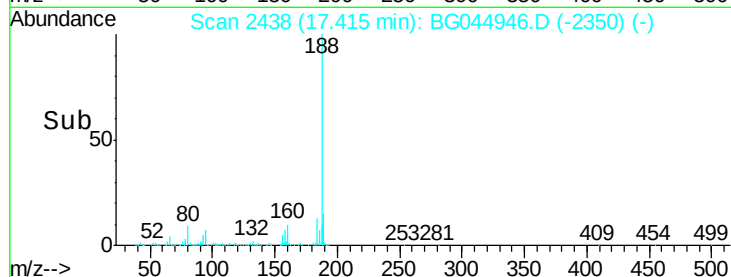
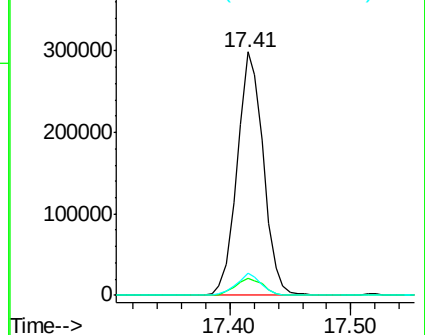
80 9.1 8.0 12.0



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: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044946.D

Acq: 25 Mar 2020 2:40

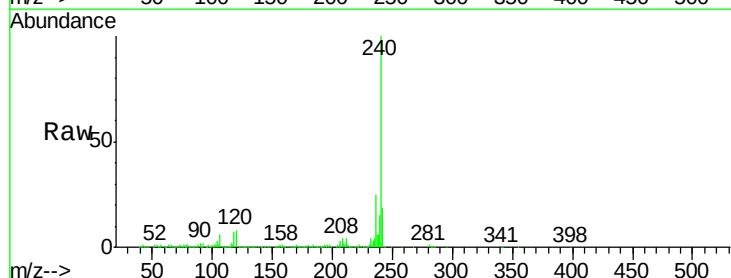
Tgt Ion:240 Resp: 460882

Ion Ratio Lower Upper

240 100

120 7.6 6.7 10.1

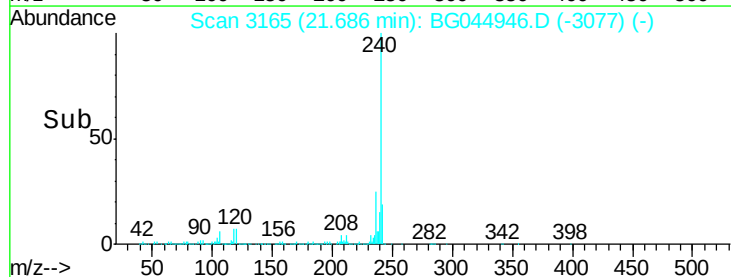
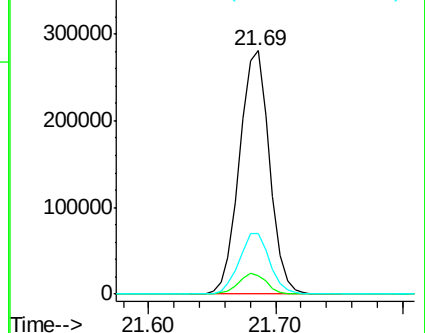
236 24.9 21.5 32.3

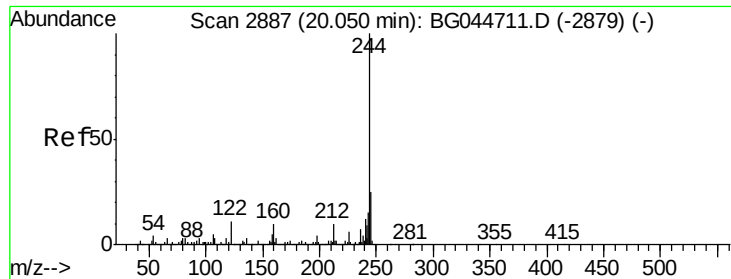


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.164 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044946.D

Acq: 25 Mar 2020 2:40

Instrument :

BNA_G

ClientSampleId :

TP-4A

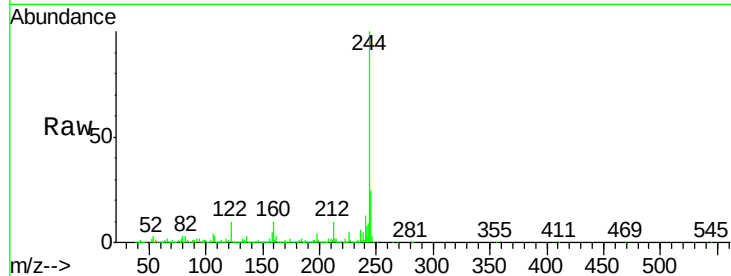
Tot Ion:244 Resp: 2369365

Ion Ratio Lower Upper

244 100

212 10.0 7.7 11.5

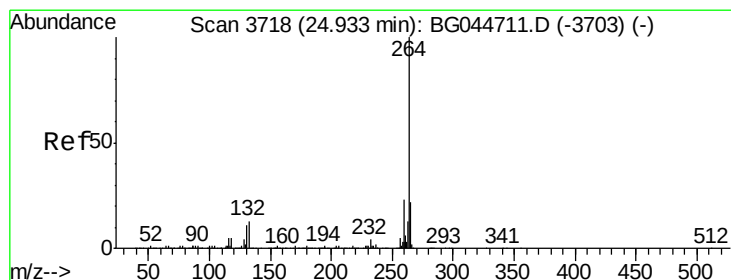
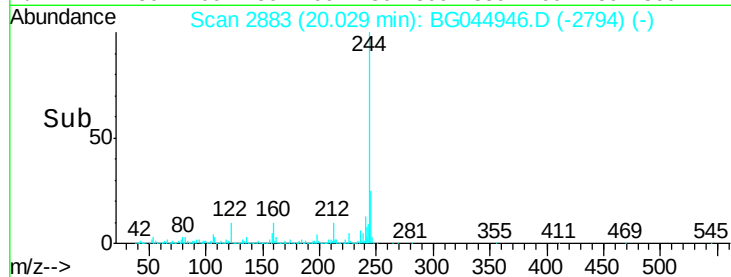
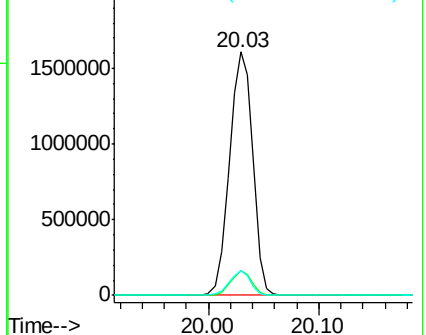
122 10.1 8.6 12.8



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: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG044946.D

Acq: 25 Mar 2020 2:40

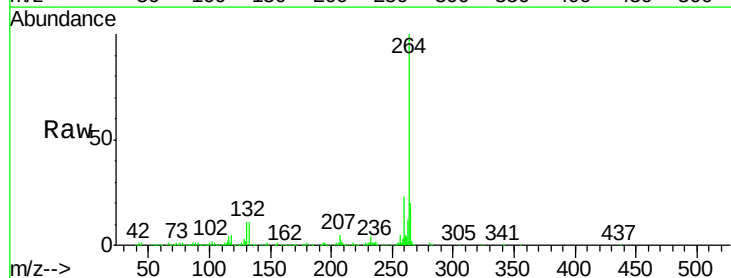
Tgt Ion:264 Resp: 487334

Ion Ratio Lower Upper

264 100

260 22.8 18.1 27.1

265 20.4 17.1 25.7



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

