

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044797.D
 Acq On : 14 Mar 2020 13:45
 Operator : CG/JU
 Sample : L1907-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-SA

Quant Time: Mar 16 03:46:49 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

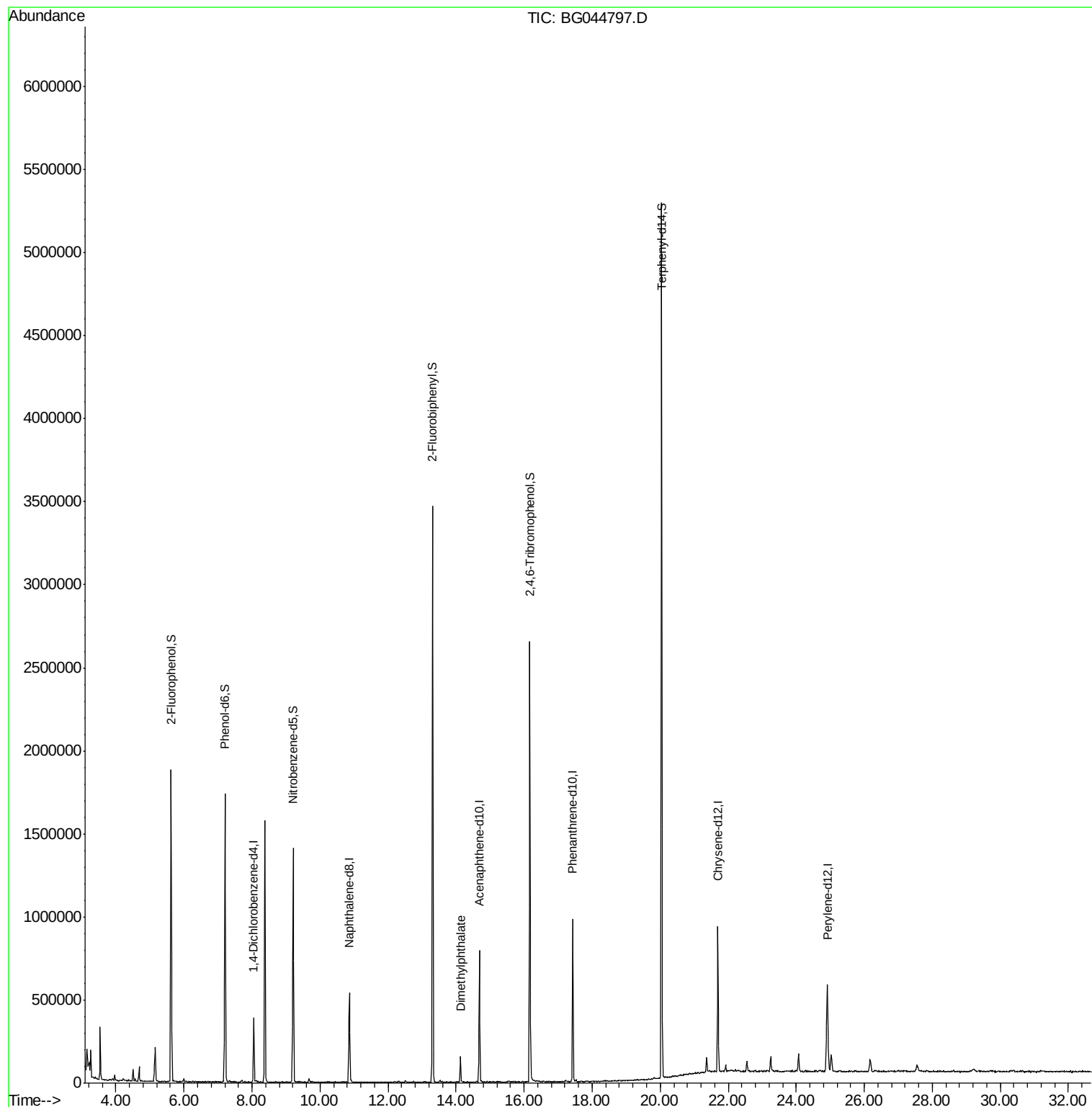
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	110442	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	450978	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	299813	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	608729	20.00	ng	0.00
76) Chrysene-d12	21.70	240	515179	20.00	ng	-0.02
87) Perylene-d12	24.92	264	581313	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	822633	115.95	ng	0.00
7) Phenol-d6	7.21	99	1048038	101.67	ng	0.00
23) Nitrobenzene-d5	9.21	82	901703	87.74	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	519873	132.43	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1789760	85.49	ng	0.00
79) Terphenyl-d14	20.04	244	2476087	89.90	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	104966	4.396	ng	Qvalue 96

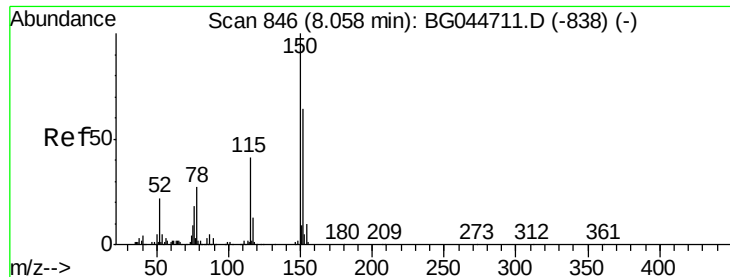
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG044797.D

Acq: 14 Mar 2020 13:45

Instrument :

BNA_G

ClientSampleId :

TP-6-SA

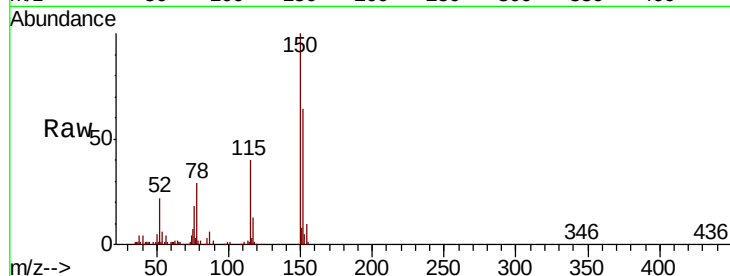
Tot Ion:152 Resp: 110442

Ion Ratio Lower Upper

152 100

150 156.7 125.3 187.9

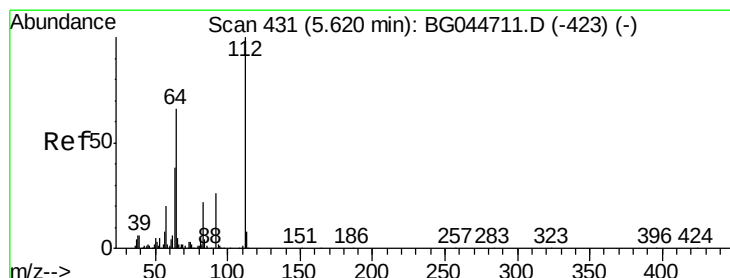
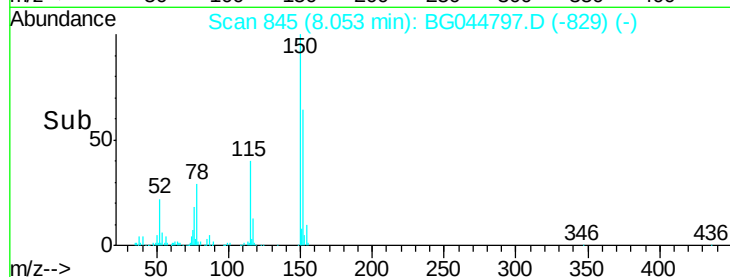
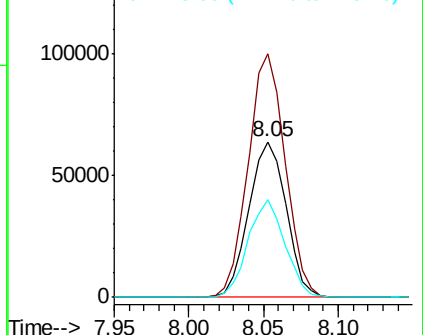
115 62.9 51.7 77.5



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: 115.951 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044797.D

Acq: 14 Mar 2020 13:45

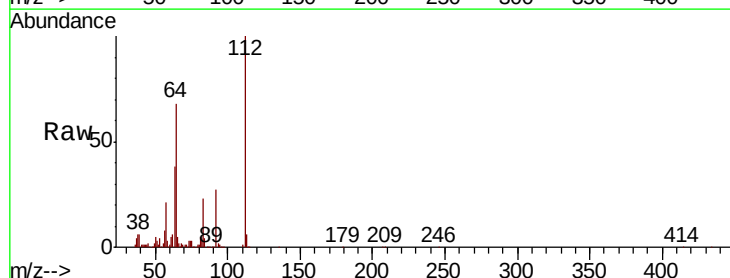
Tgt Ion:112 Resp: 822633

Ion Ratio Lower Upper

112 100

64 68.1 52.6 78.8

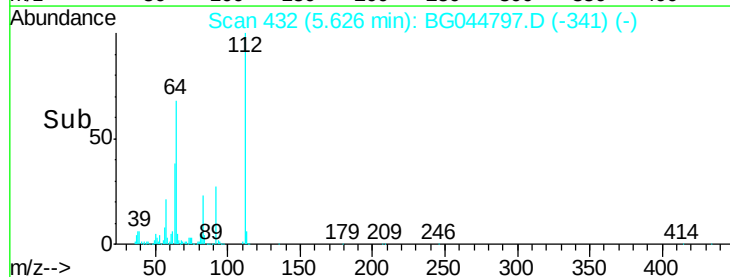
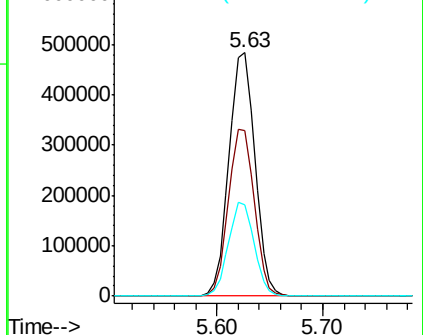
63 37.6 30.2 45.4

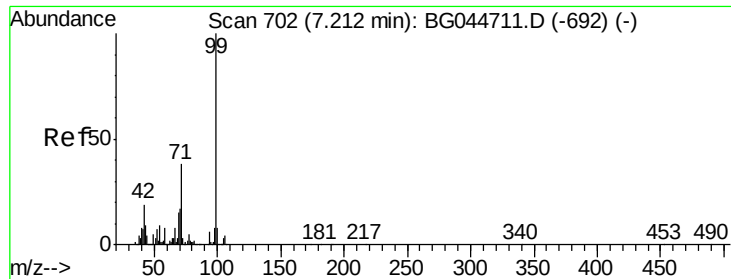


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 101.672 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044797.D

Acq: 14 Mar 2020 13:45

Instrument :

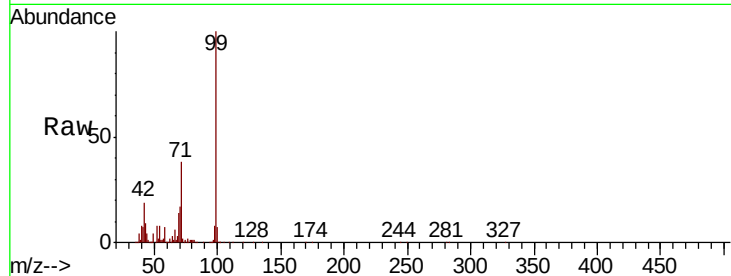
BNA_G

ClientSampleId :

TP-6-SA

Tot Ion: 99 Resp: 1048038

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.4	23.0
71	38.1	30.2	45.4

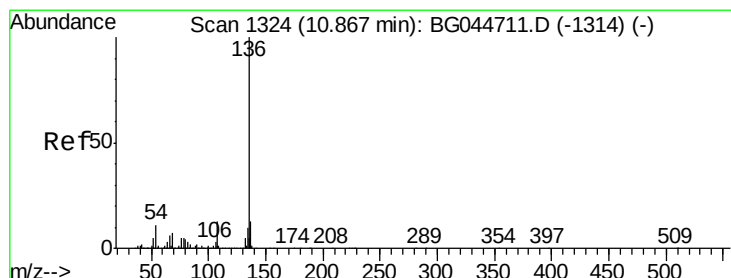
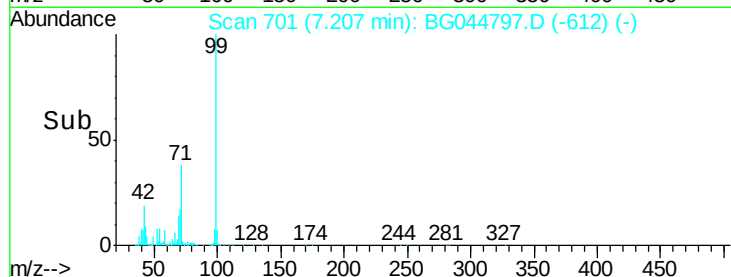
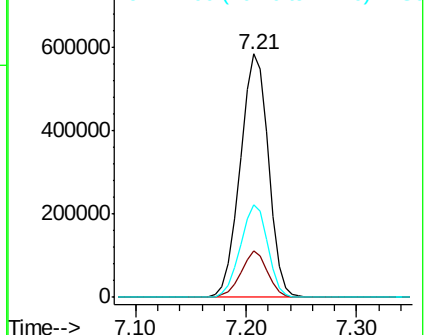


Abundance

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

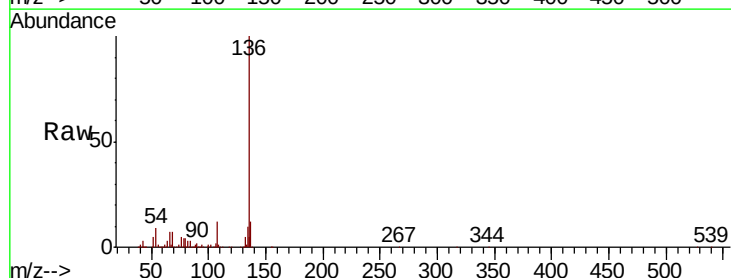
Delta R.T. -0.01 min

Lab File: BG044797.D

Acq: 14 Mar 2020 13:45

Tgt Ion: 136 Resp: 450978

Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.7	16.1
54	9.4	9.0	13.4
68	6.6	5.9	8.9



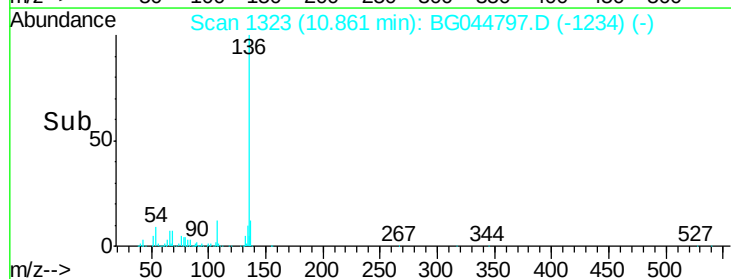
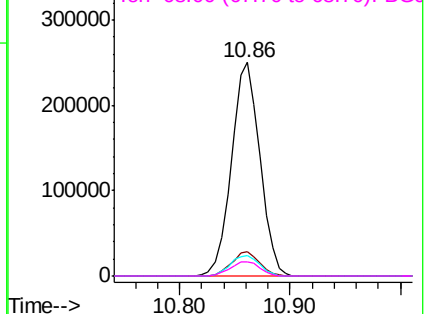
Abundance

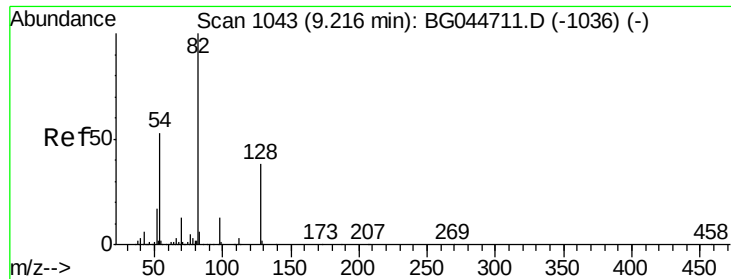
Ion 136.00 (135.70 to 136.70): BGC

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

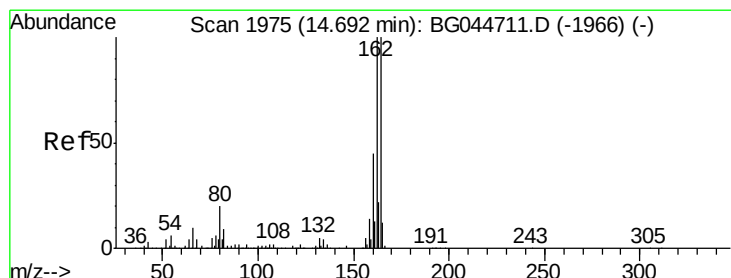
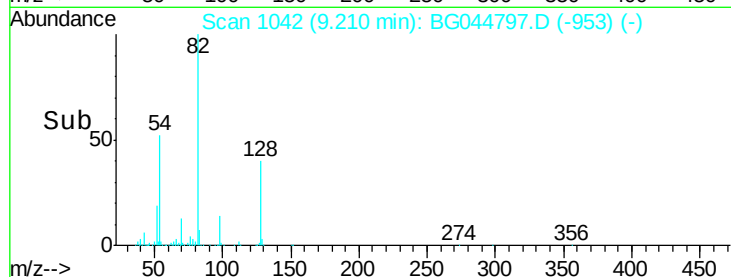
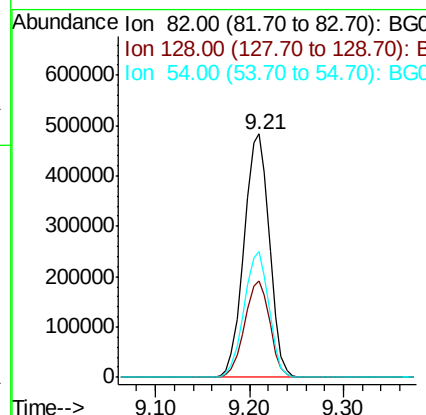
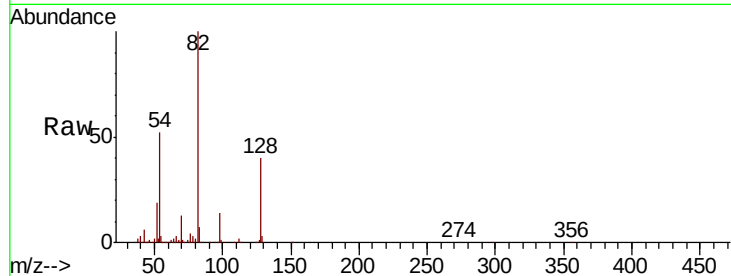




#23
 Nitrobenzene-d5
 Concen: 87.738 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG044797.D
 Acq: 14 Mar 2020 13:45

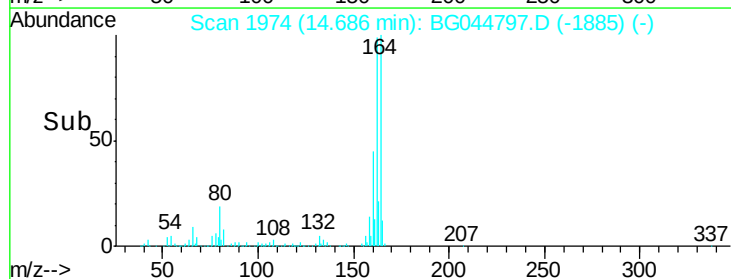
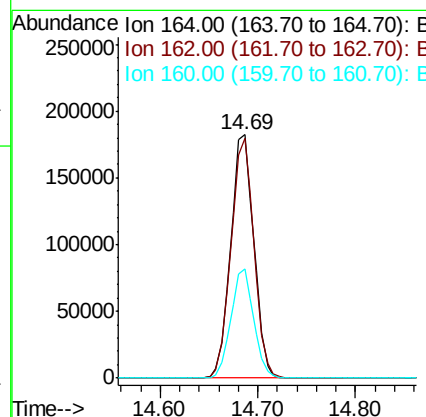
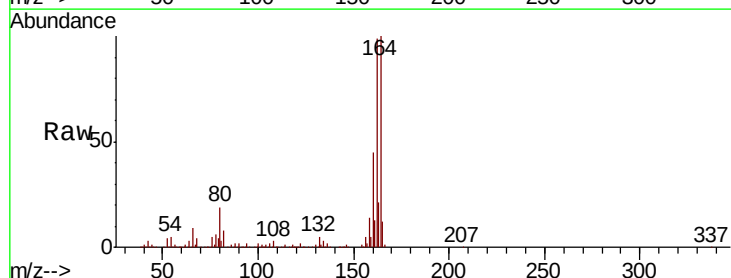
Instrument :
 BNA_G
 ClientSampleId :
 TP-6-SA

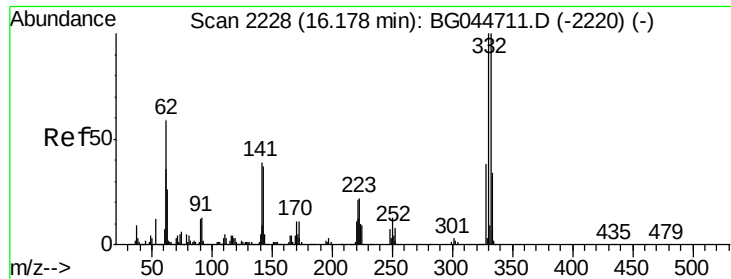
Tot Ion	82	Resp	901703
Ion Ratio	Lower	Upper	
82	100		
128	39.5	30.2	45.2
54	51.9	41.8	62.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG044797.D
 Acq: 14 Mar 2020 13:45

Tgt Ion	164	Resp	299813
Ion Ratio	Lower	Upper	
164	100		
162	98.6	80.2	120.4
160	44.6	36.2	54.2

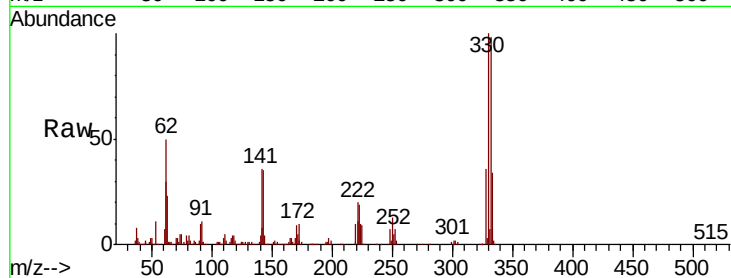




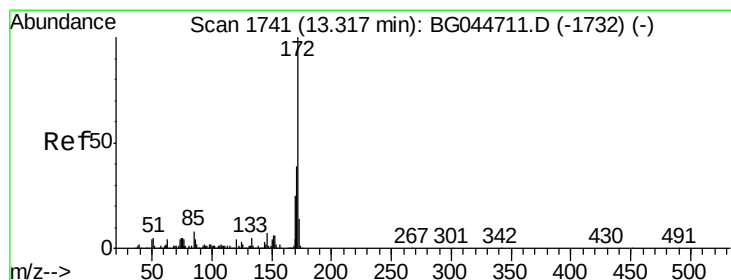
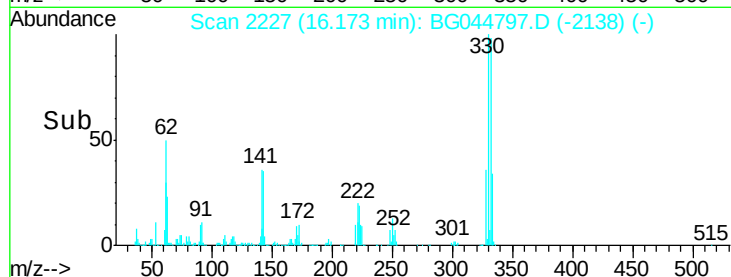
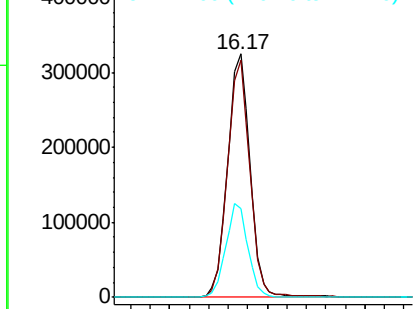
#42
 2,4,6-Tribromophenol
 Concen: 132.432 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG044797.D
 Acq: 14 Mar 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-SA

Tot Ion:330 Resp: 519873
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.5 116.3
 141 37.9 31.7 47.5

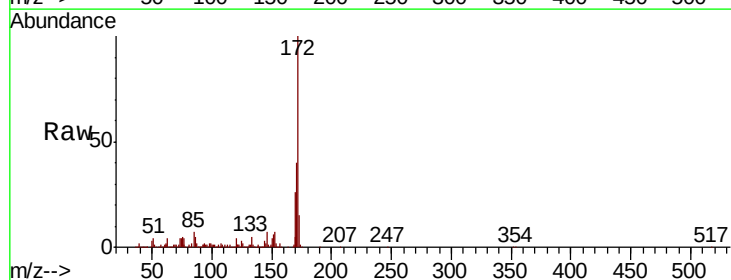


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

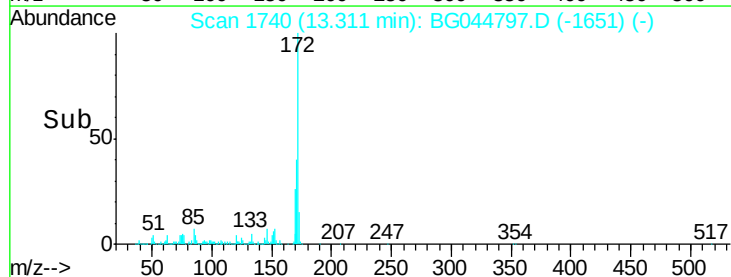
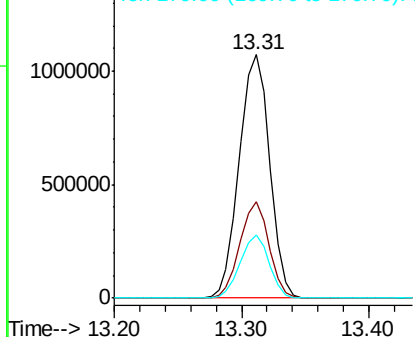


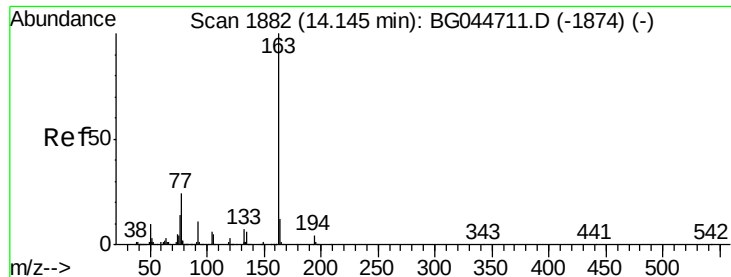
#45
 2-Fluorobiphenyl
 Concen: 85.486 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG044797.D
 Acq: 14 Mar 2020 13:45

Tgt Ion:172 Resp: 1789760
 Ion Ratio Lower Upper
 172 100
 171 39.8 30.8 46.2
 170 26.1 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: 4.396 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG044797.D

Acq: 14 Mar 2020 13:45

Instrument :

BNA_G

ClientSampleId :

TP-6-SA

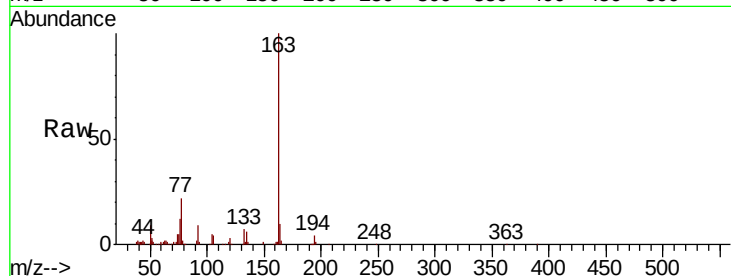
Tot Ion:163 Resp: 104966

Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

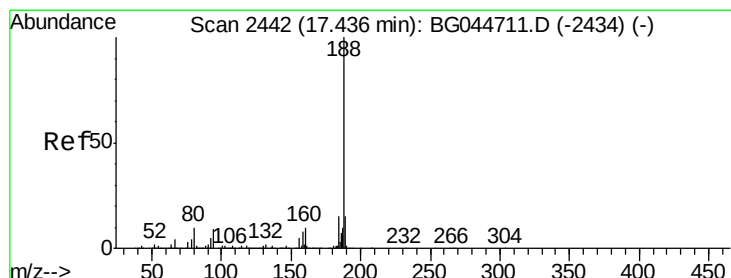
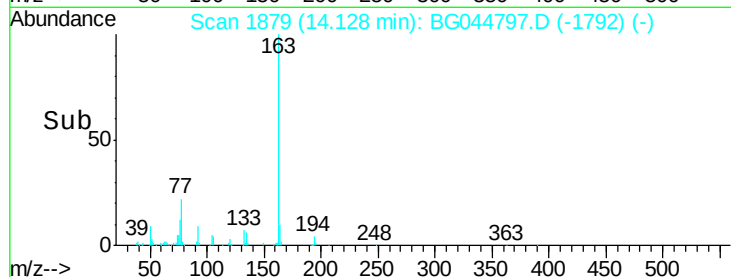
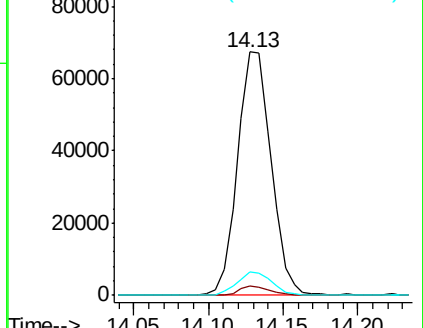
164 9.9 9.2 13.8



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. -0.01 min

Lab File: BG044797.D

Acq: 14 Mar 2020 13:45

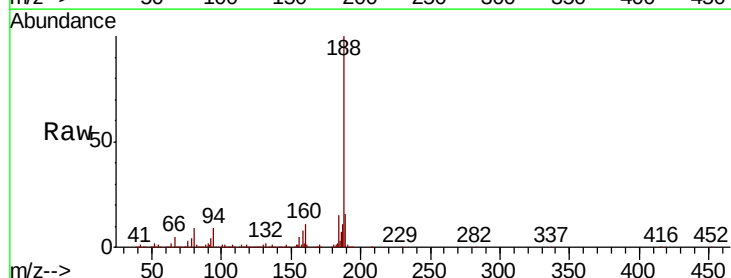
Tgt Ion:188 Resp: 608729

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

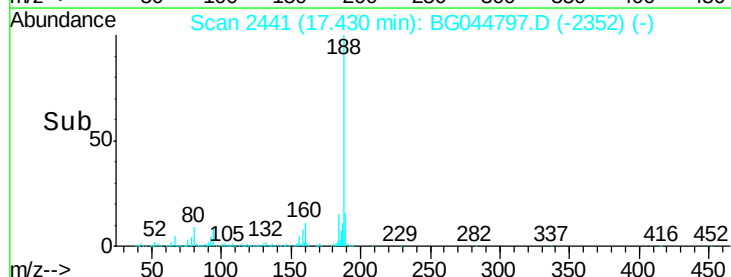
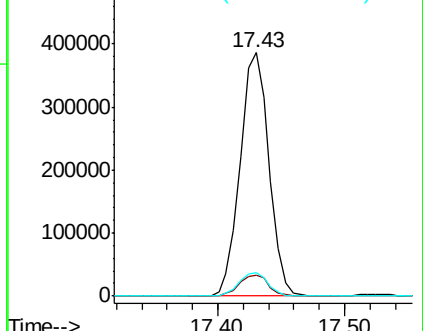
80 9.4 8.4 12.6

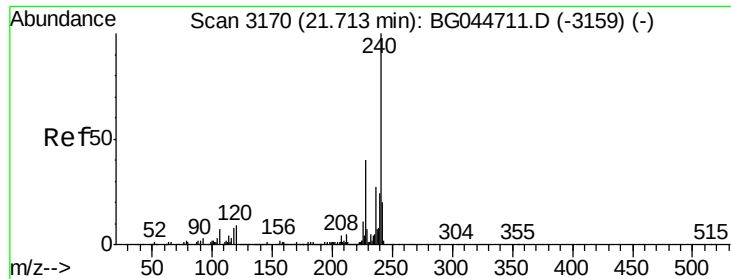


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

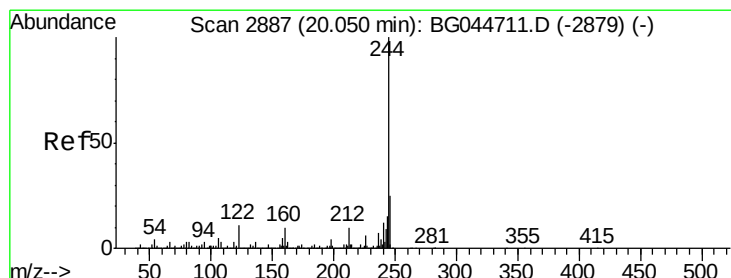
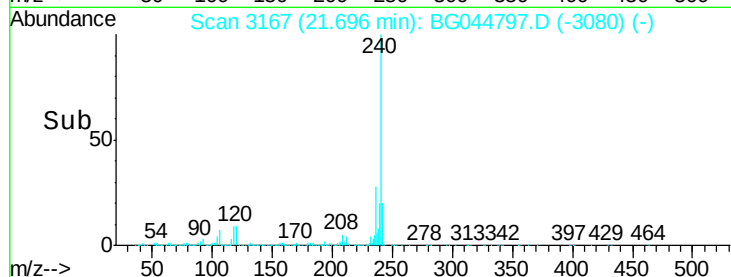
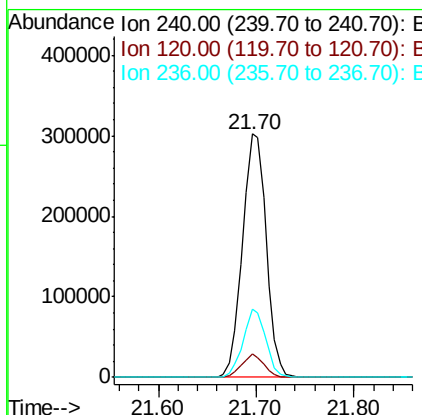
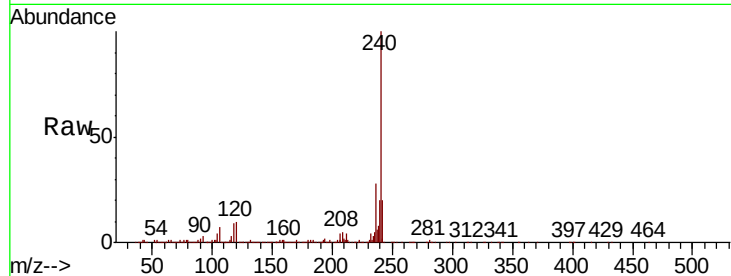




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG044797.D
Acq: 14 Mar 2020 13:45

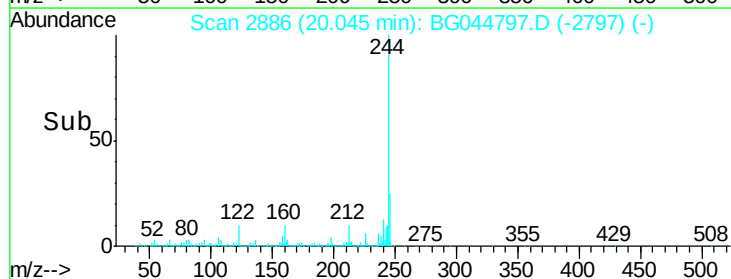
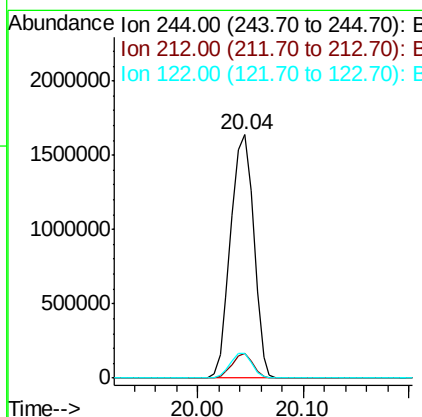
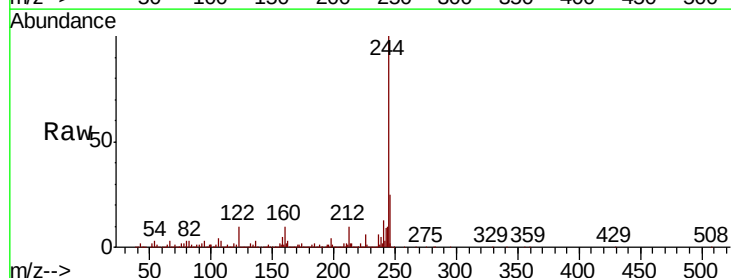
Instrument :
BNA_G
ClientSampleId :
TP-6-SA

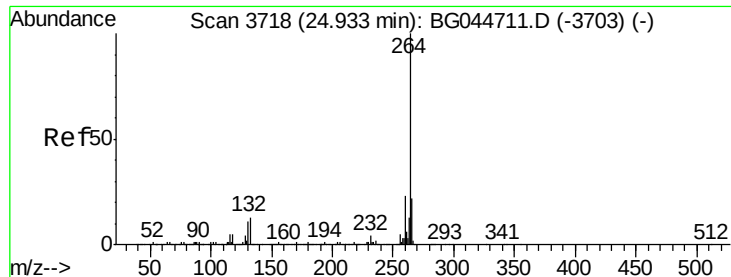
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.9	10.3
236	27.8	21.9	32.9



#79
Terphenyl-d14
Concen: 89.904 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044797.D
Acq: 14 Mar 2020 13:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.4	12.6
122	10.3	8.7	13.1

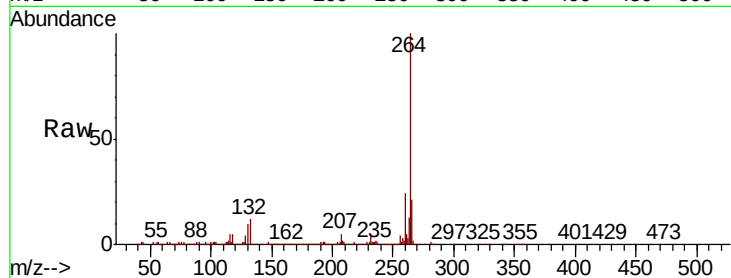




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044797.D
Acq: 14 Mar 2020 13:45

Instrument :
BNA_G
ClientSampleId :
TP-6-SA

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.2	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

