

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046521.D
 Acq On : 3 Sep 2020 18:08
 Operator : CG/JU
 Sample : L3787-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20071

Quant Time: Sep 04 01:57:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	86249	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	327069	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	206076	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	448751	20.00	ng	0.00
76) Chrysene-d12	21.55	240	491071	20.00	ng	0.00
86) Perylene-d12	24.65	264	495868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	486037	99.81	ng	0.00
7) Phenol-d6	7.10	99	553151	80.13	ng	0.00
23) Nitrobenzene-d5	9.08	82	464995	81.26	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	271659	97.29	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1093633	81.01	ng	0.00
79) Terphenyl-d14	19.92	244	1589556	68.89	ng	0.00

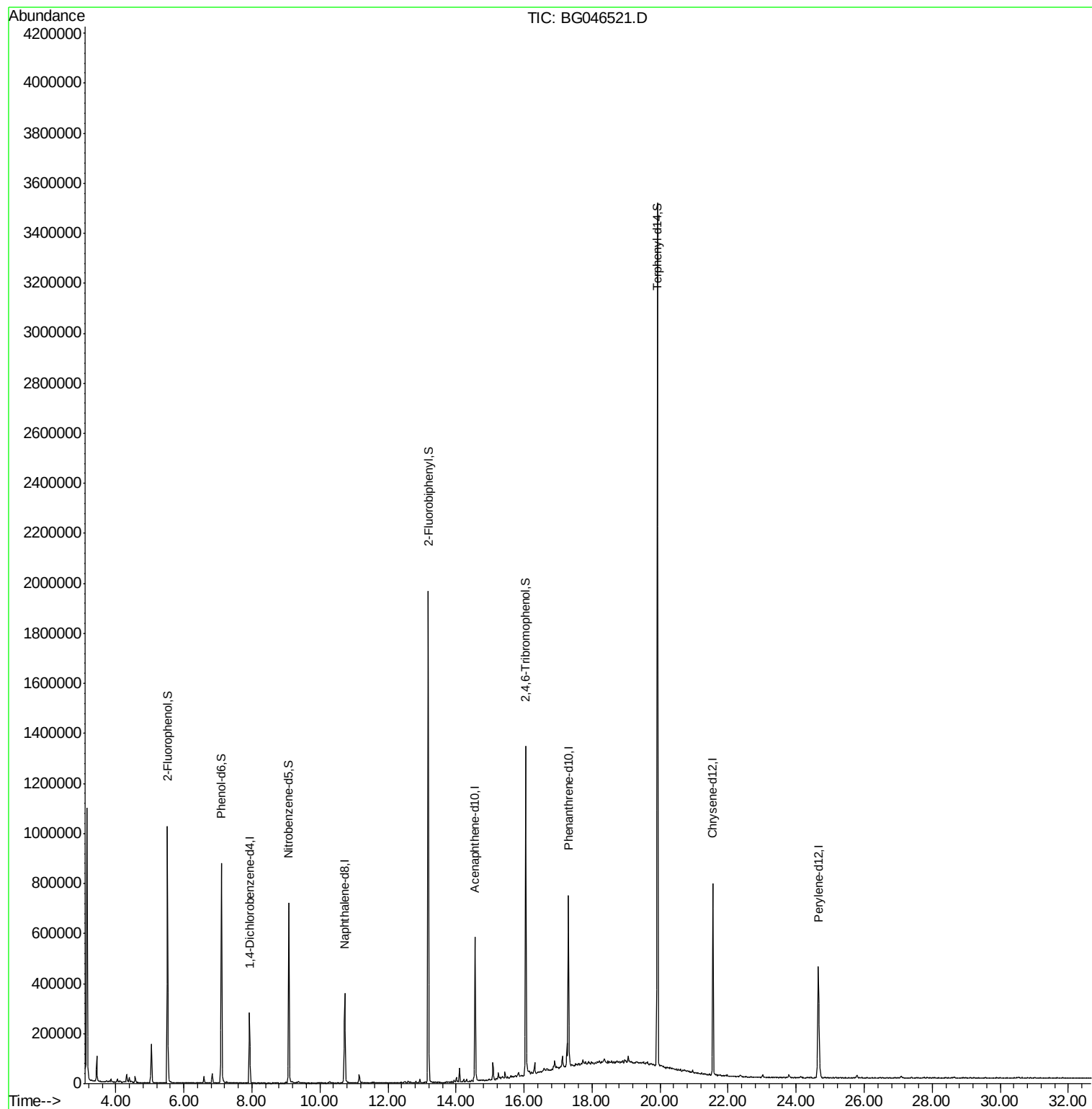
Target Compounds Qvalue

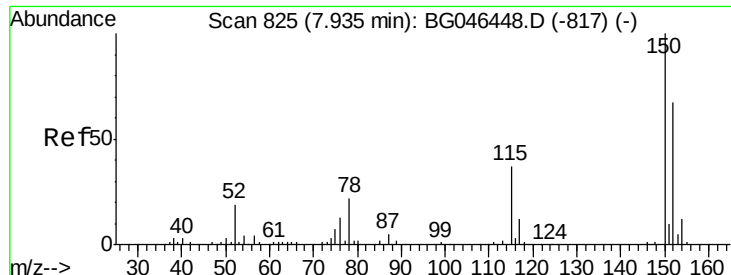
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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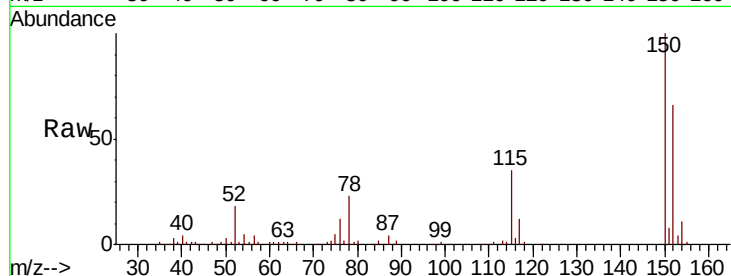


#1

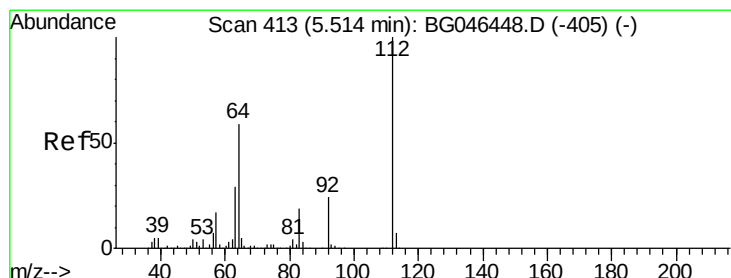
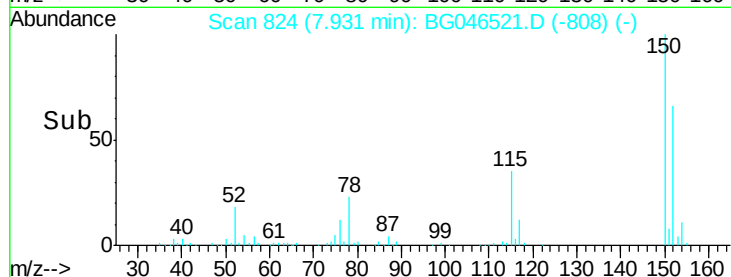
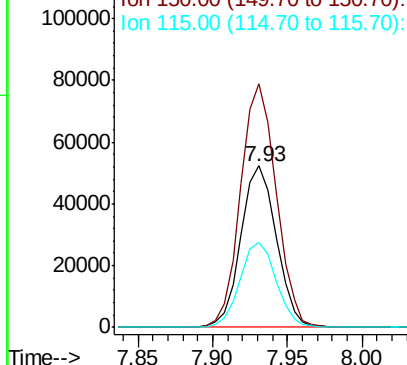
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046521.D
 Acq: 3 Sep 2020 18:08

Instrument :
 BNA_G
 ClientSampled :
 20071

Tot Ion:152 Resp: 86249
 Ion Ratio Lower Upper
 152 100
 150 150.8 119.5 179.3
 115 52.8 44.3 66.5



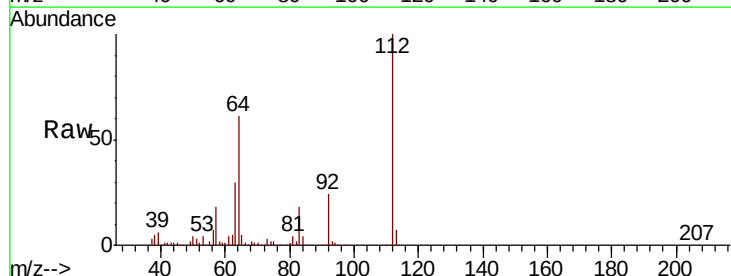
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



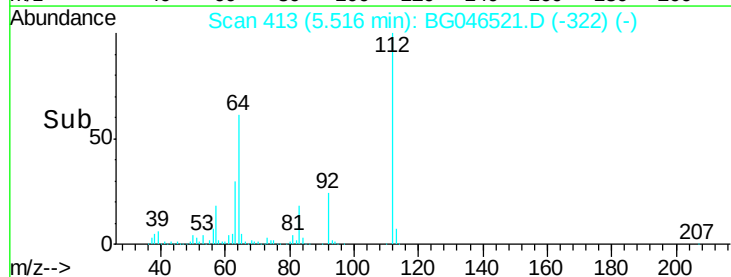
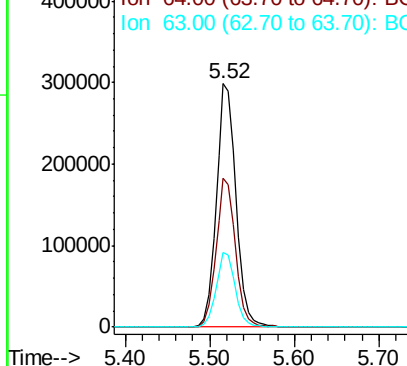
#5

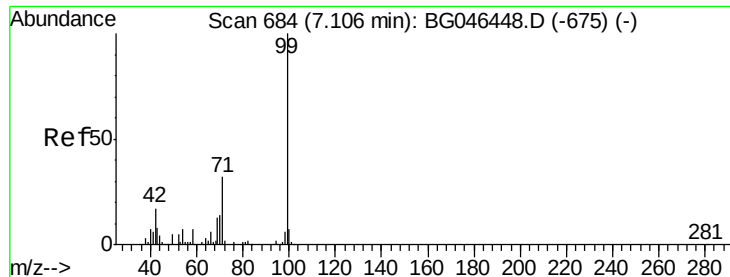
2-Fluorophenol
 Concen: 99.811 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046521.D
 Acq: 3 Sep 2020 18:08

Tgt Ion:112 Resp: 486037
 Ion Ratio Lower Upper
 112 100
 64 60.9 47.0 70.6
 63 30.5 23.5 35.3



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: 80.131 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046521.D

Acq: 3 Sep 2020 18:08

Instrument :

BNA_G

ClientSampleId :

20071

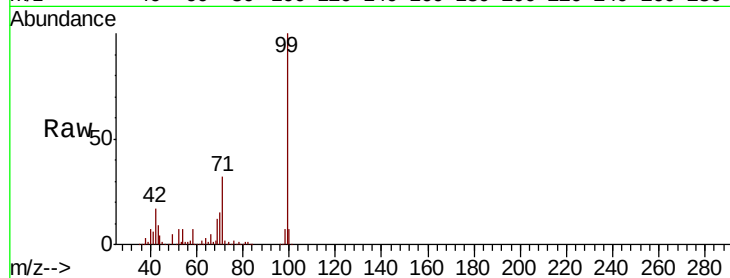
Tot Ion: 99 Resp: 553151

Ion Ratio Lower Upper

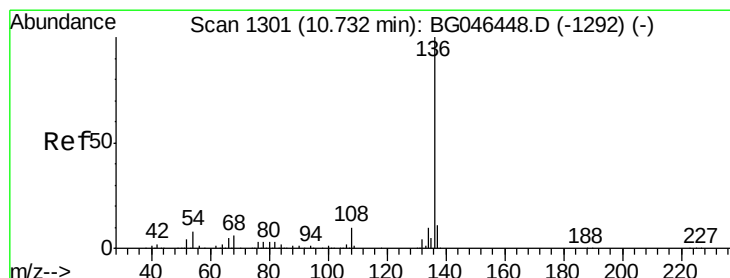
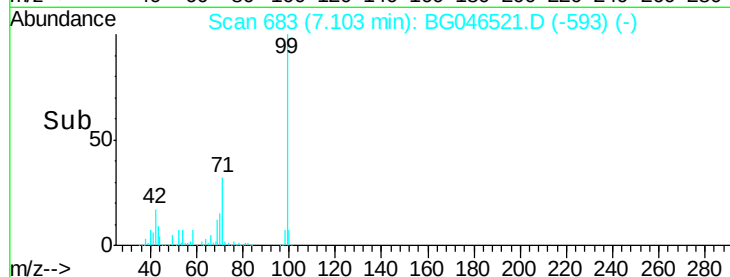
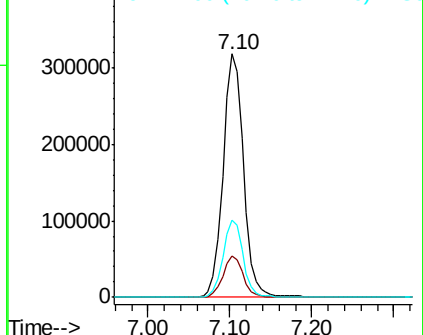
99 100

42 17.0 13.3 19.9

71 31.8 25.3 37.9



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: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046521.D

Acq: 3 Sep 2020 18:08

Tgt Ion: 136 Resp: 327069

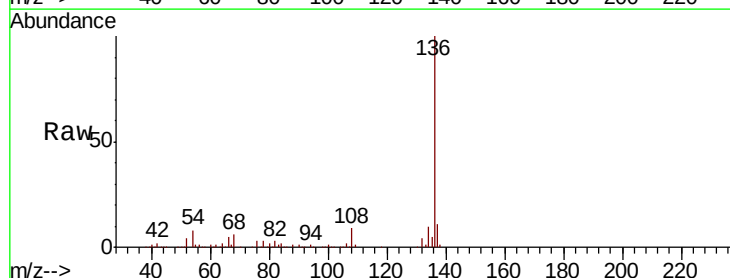
Ion Ratio Lower Upper

136 100

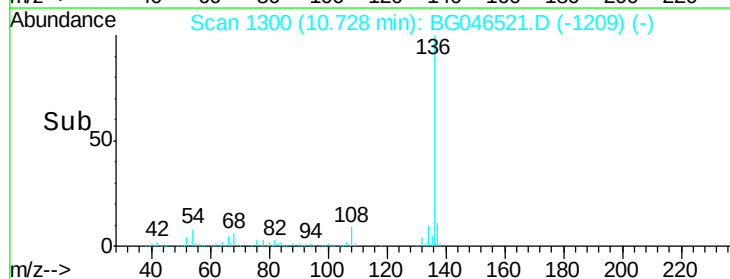
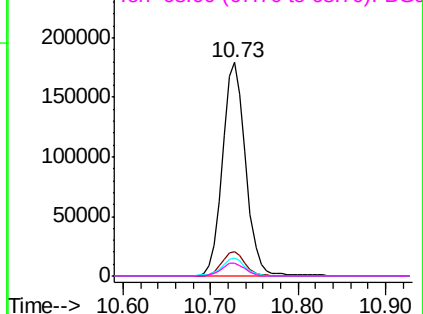
137 11.3 8.8 13.2

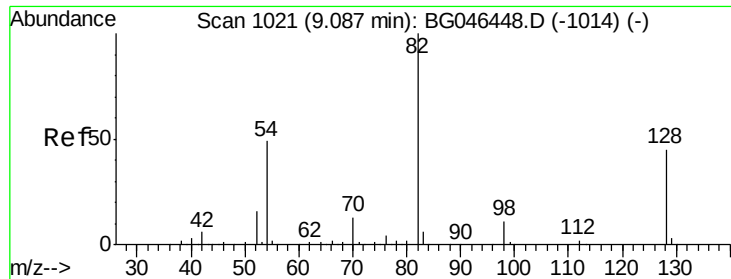
54 8.1 6.1 9.1

68 6.0 4.8 7.2



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

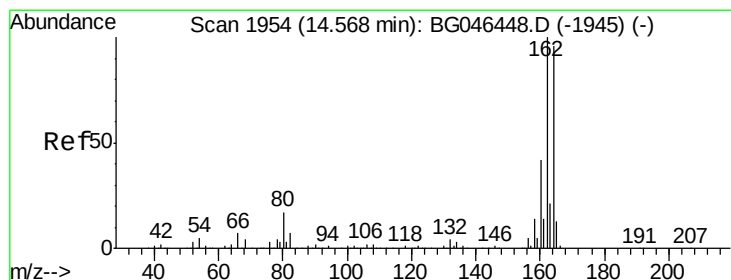
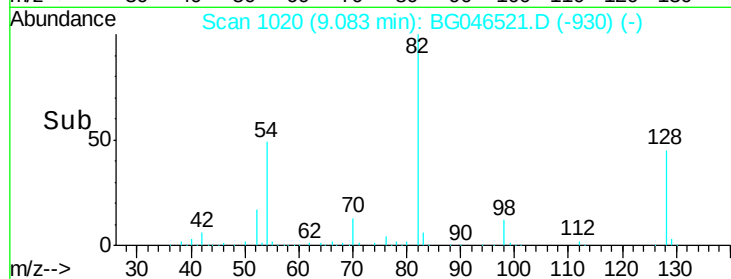
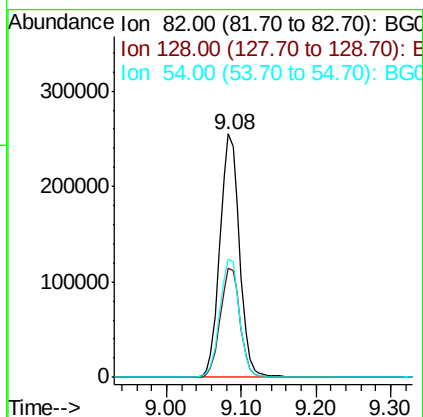
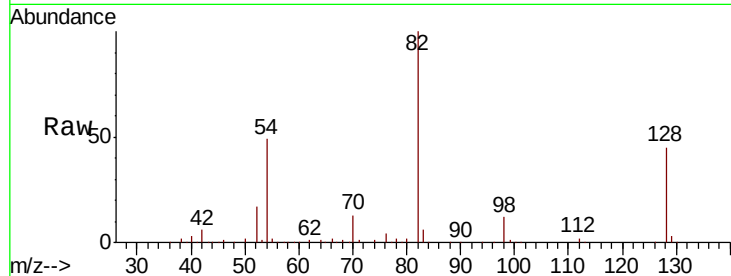




#23
 Nitrobenzene-d5
 Concen: 81.258 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046521.D
 Acq: 3 Sep 2020 18:08

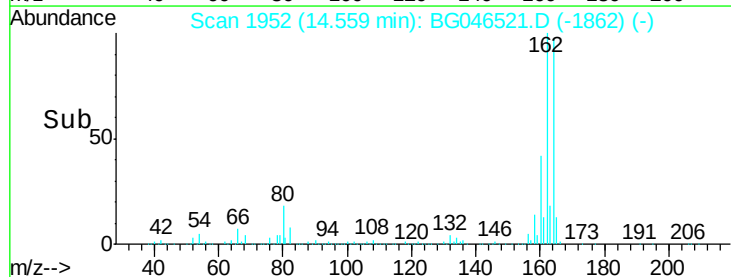
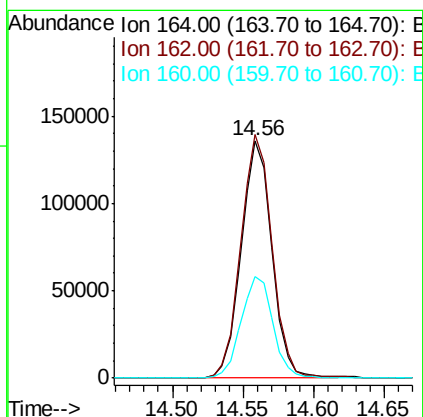
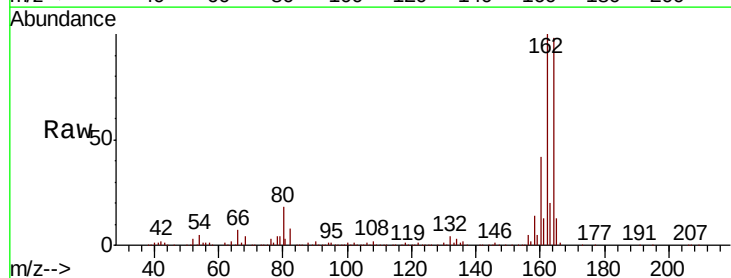
Instrument :
 BNA_G
 ClientSampleId :
 20071

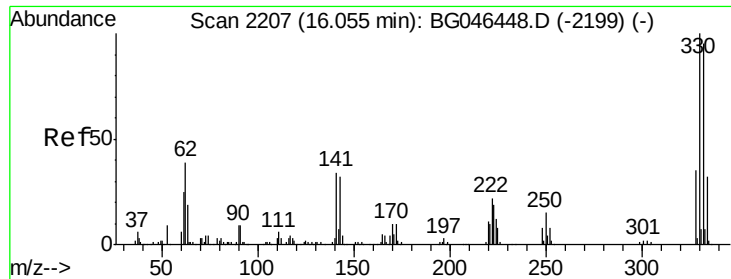
Tot Ion	82	Resp	464995
Ion Ratio	Lower	Upper	
82	100		
128	44.7	35.7	53.5
54	48.8	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046521.D
 Acq: 3 Sep 2020 18:08

Tgt Ion	164	Resp	206076
Ion Ratio	Lower	Upper	
164	100		
162	102.4	83.3	124.9
160	42.8	35.0	52.6

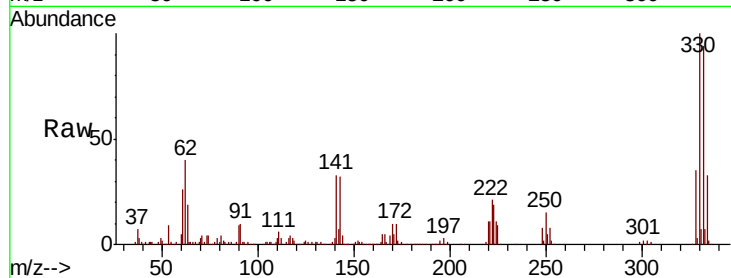




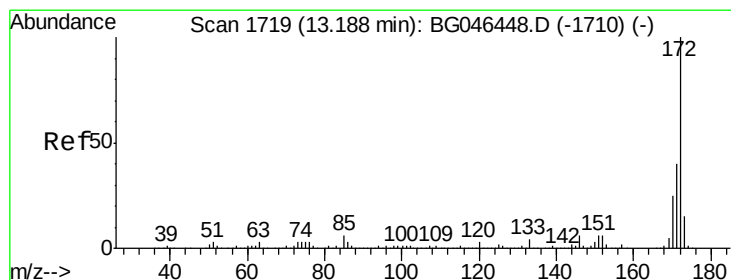
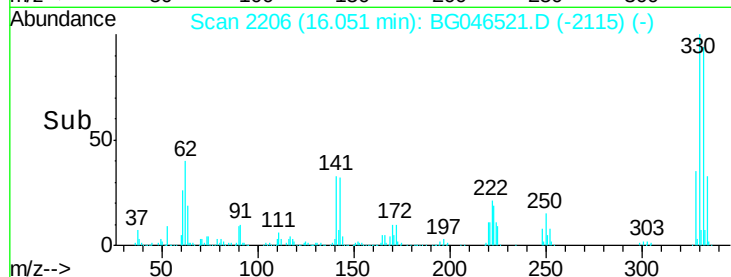
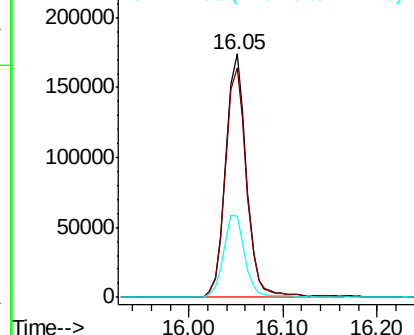
#42
 2,4,6-Tribromophenol
 Concen: 97.293 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046521.D
 Acq: 3 Sep 2020 18:08

Instrument :
 BNA_G
 ClientSampleId :
 20071

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.1	114.1
141	33.9	26.1	39.1

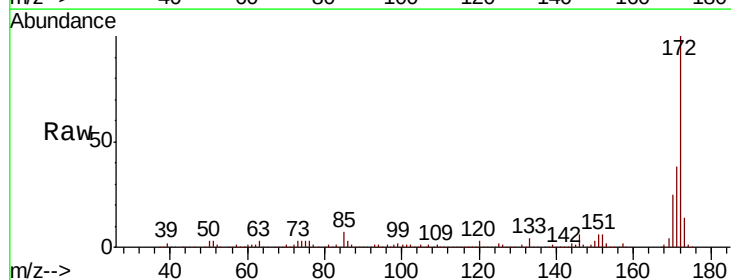


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

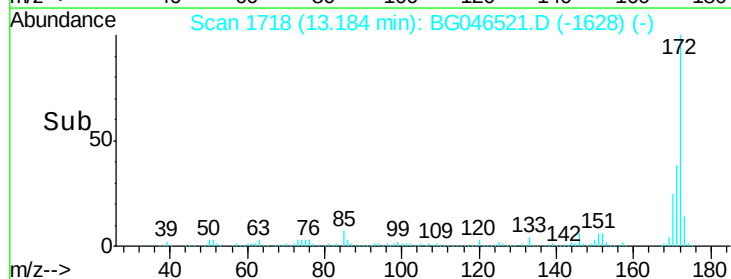
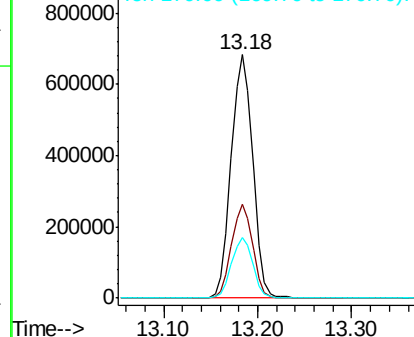


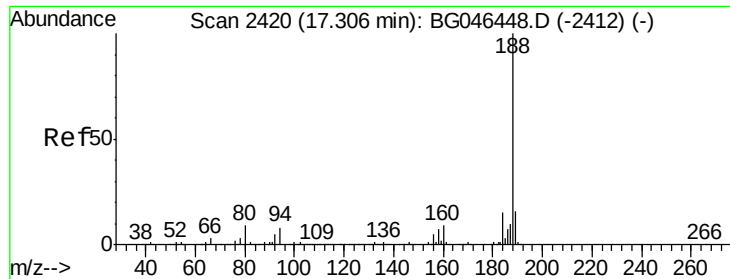
#45
 2-Fluorobiphenyl
 Concen: 81.014 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046521.D
 Acq: 3 Sep 2020 18:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.8	47.6
170	24.7	20.3	30.5



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

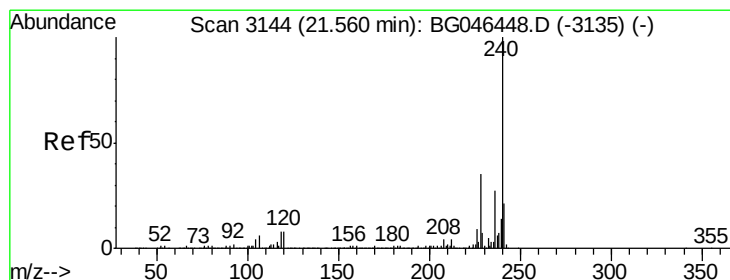
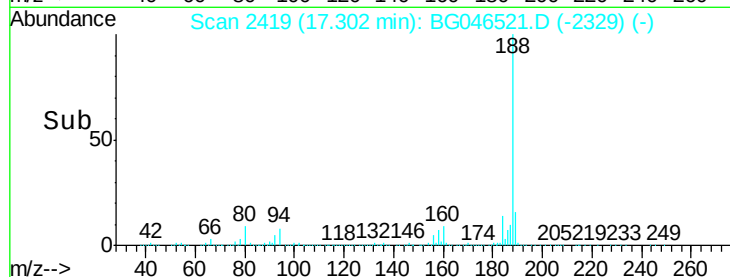
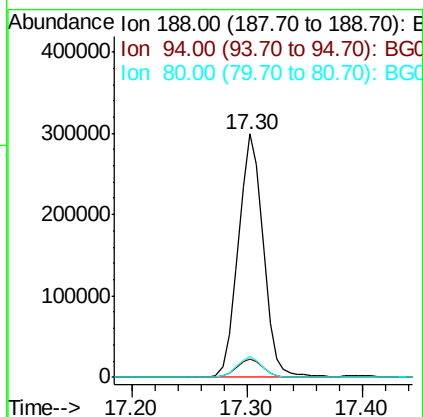
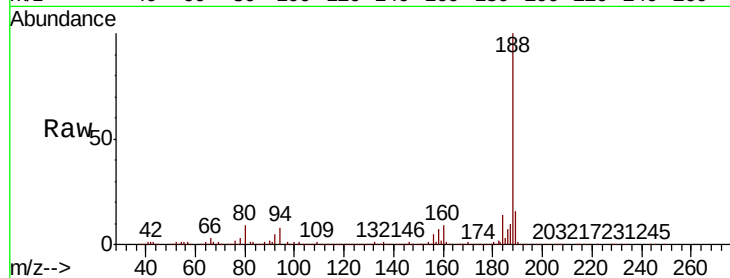




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046521.D
Acq: 3 Sep 2020 18:08

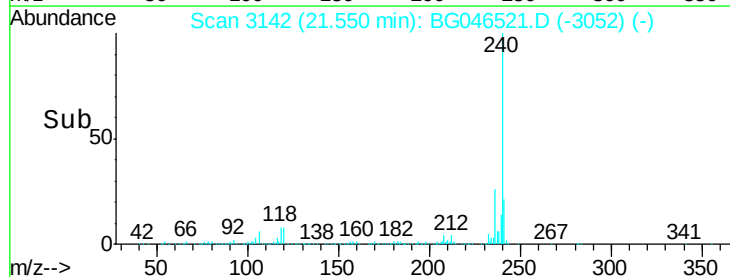
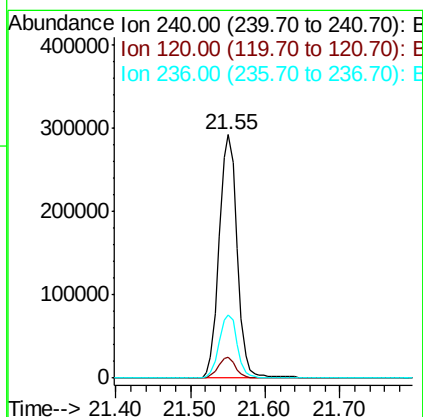
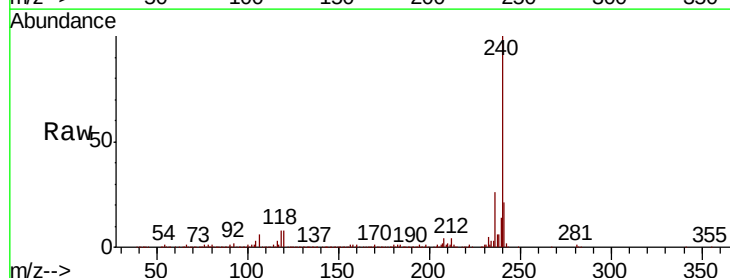
Instrument :
BNA_G
ClientSampleId :
20071

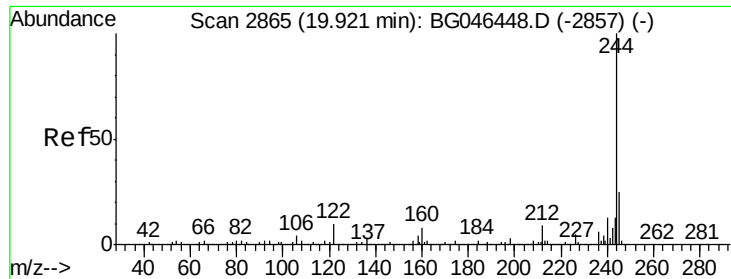
Tot Ion:188 Resp: 448751
Ion Ratio Lower Upper
188 100
94 7.6 6.3 9.5
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046521.D
Acq: 3 Sep 2020 18:08

Tgt Ion:240 Resp: 491071
Ion Ratio Lower Upper
240 100
120 8.4 6.6 10.0
236 26.0 21.4 32.2





#79

Terphenyl-d14

Concen: 68.887 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046521.D

Acq: 3 Sep 2020 18:08

Instrument :

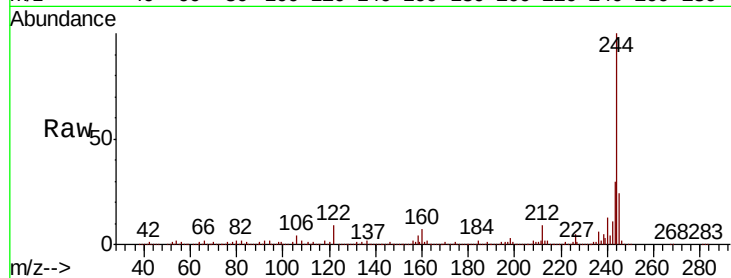
BNA_G

ClientSampleId :

20071

Tot Ion:244 Resp: 1589556

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	9.1	8.2	12.4

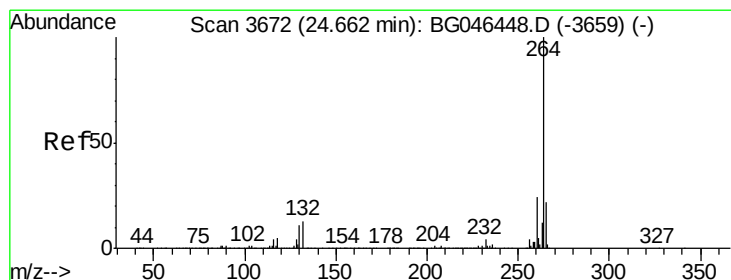
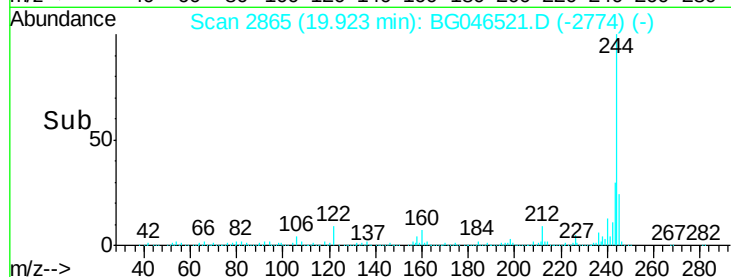
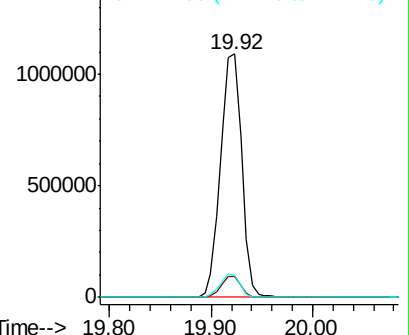


Abundance

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

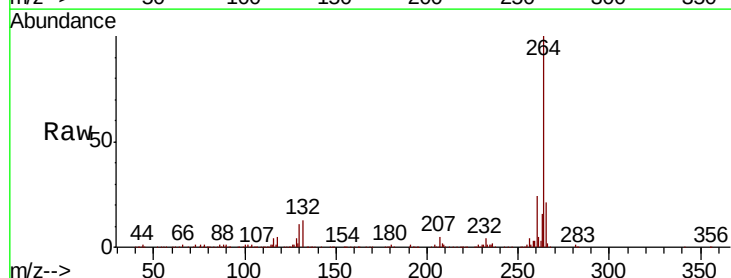
Delta R.T. -0.00 min

Lab File: BG046521.D

Acq: 3 Sep 2020 18:08

Tgt Ion:264 Resp: 495868

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.2	17.9	26.9



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

