

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046520.D
 Acq On : 3 Sep 2020 17:27
 Operator : CG/JU
 Sample : PB131406BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BL

Quant Time: Sep 04 01:53:49 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	77705	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	296813	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	194737	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	463818	20.00	ng	0.00
76) Chrysene-d12	21.55	240	514165	20.00	ng	0.00
86) Perylene-d12	24.65	264	500534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	501897	114.40	ng	0.00
7) Phenol-d6	7.10	99	628073	100.99	ng	0.00
23) Nitrobenzene-d5	9.08	82	410978	79.14	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	258556	97.99	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1025927	80.42	ng	0.00
79) Terphenyl-d14	19.92	244	1663420	68.85	ng	0.00

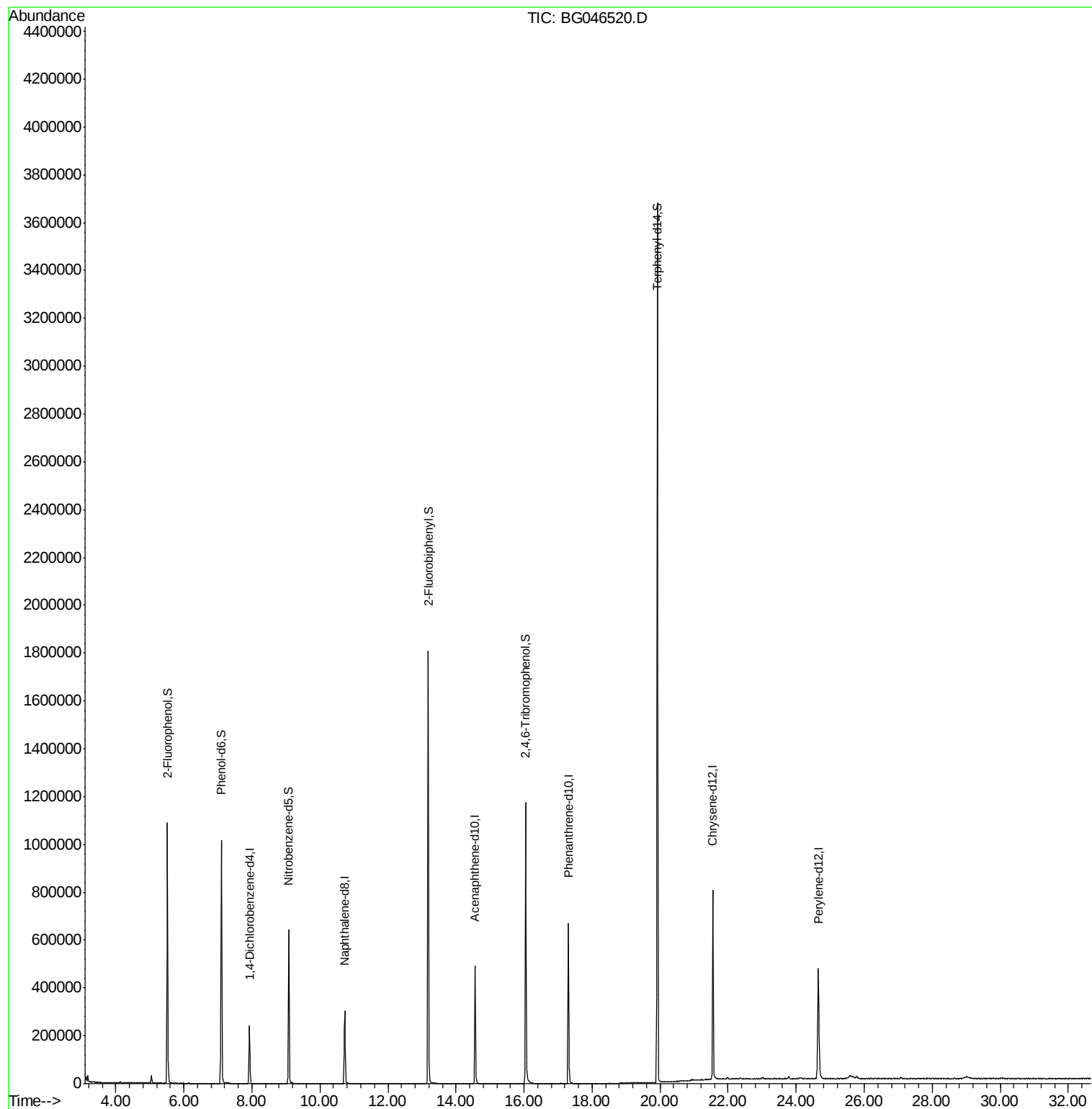
Target Compounds Qvalue

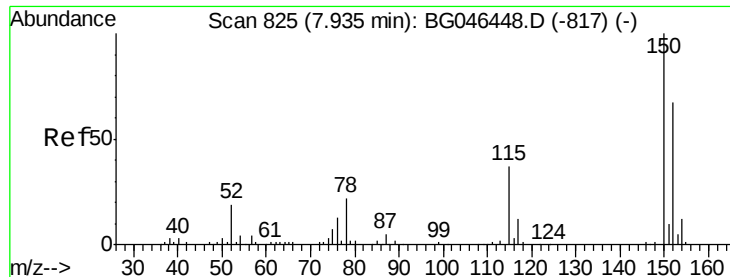
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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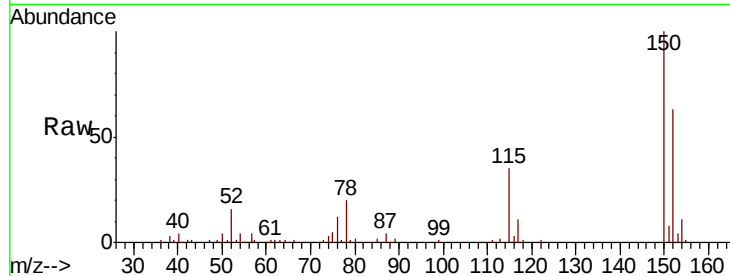


#1

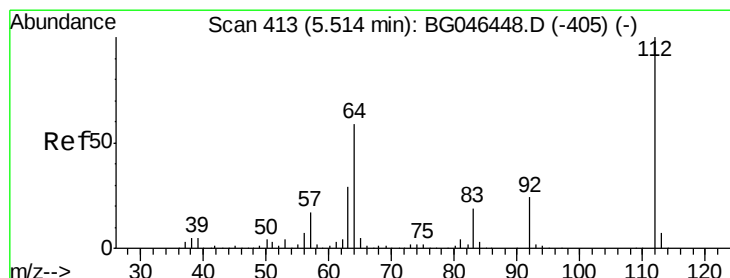
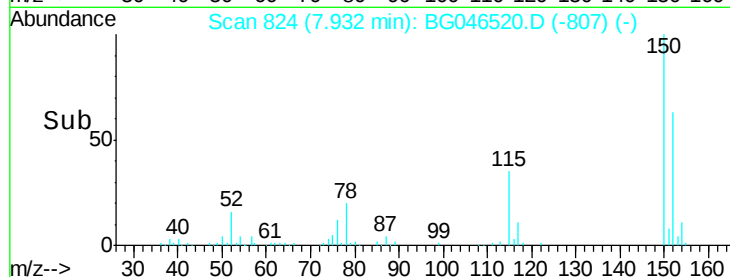
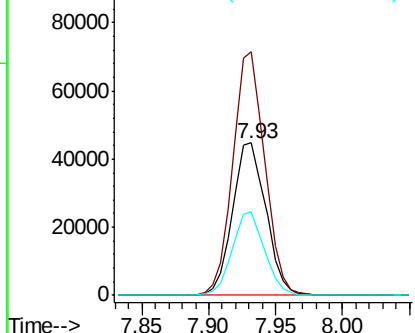
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046520.D
Acq: 3 Sep 2020 17:27

Instrument :
BNA_G
ClientSampleId :
PB131406BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	119.5	179.3
115	55.0	44.3	66.5



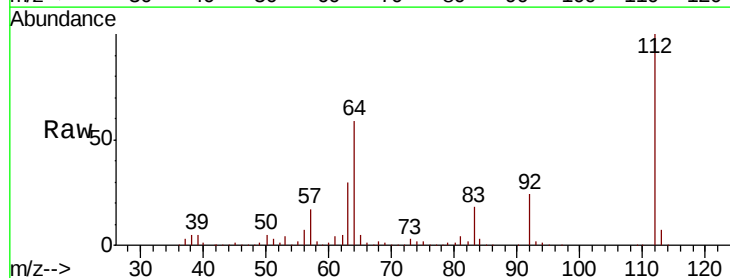
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



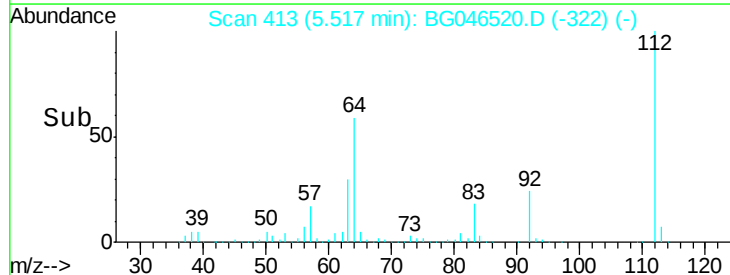
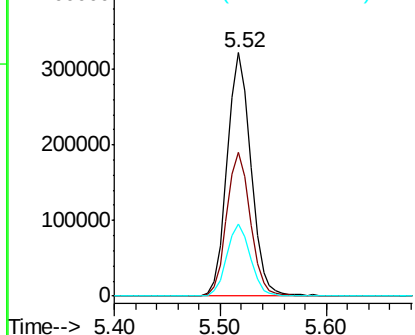
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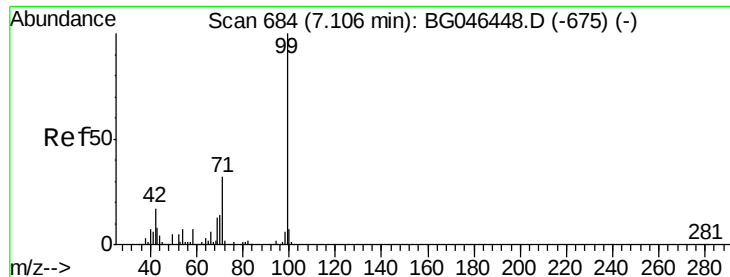
2-Fluorophenol
Concen: 114.401 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046520.D
Acq: 3 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.0	70.6
63	29.6	23.5	35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 100.988 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046520.D

Acq: 3 Sep 2020 17:27

Instrument :

BNA_G

ClientSampleId :

PB131406BL

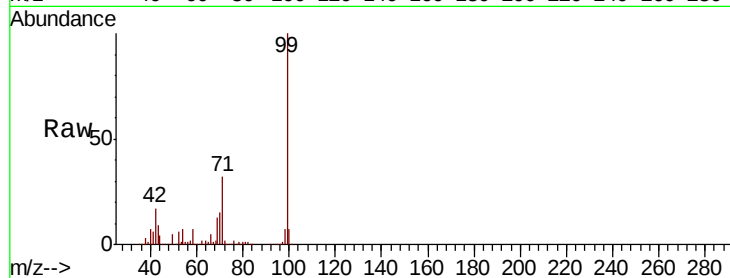
Tot Ion: 99 Resp: 628073

Ion Ratio Lower Upper

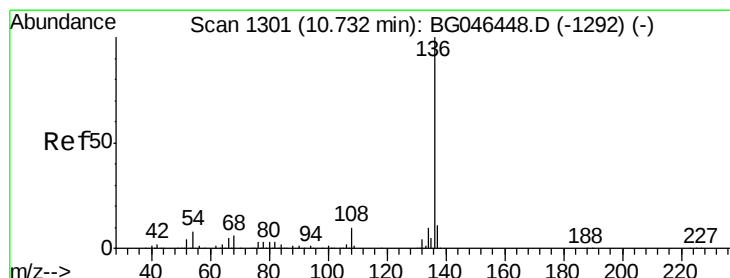
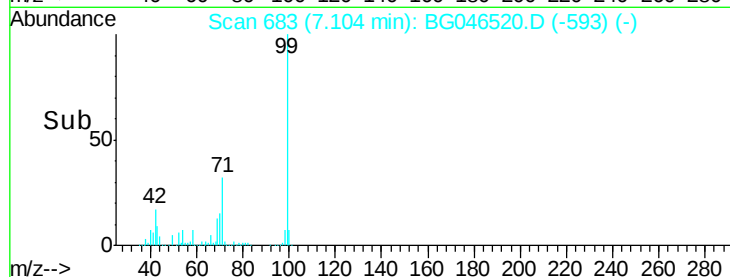
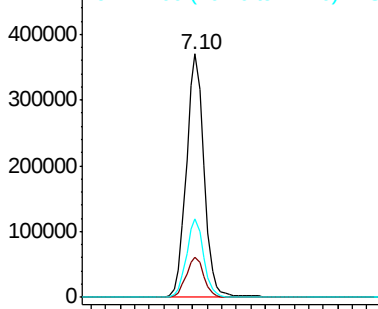
99 100

42 16.7 13.3 19.9

71 32.3 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: BG046520.D

Acq: 3 Sep 2020 17:27

Tgt Ion: 136 Resp: 296813

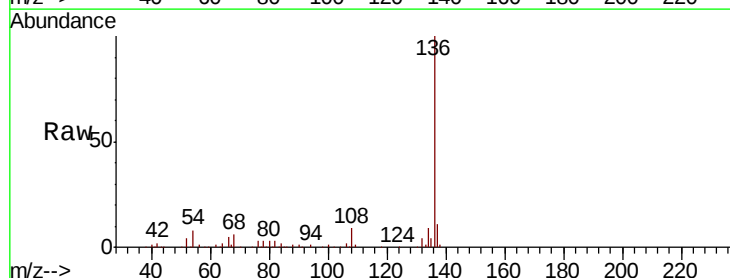
Ion Ratio Lower Upper

136 100

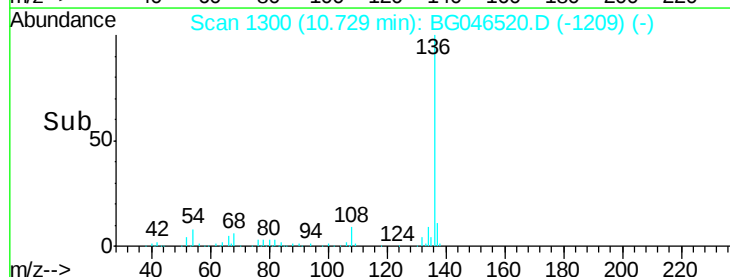
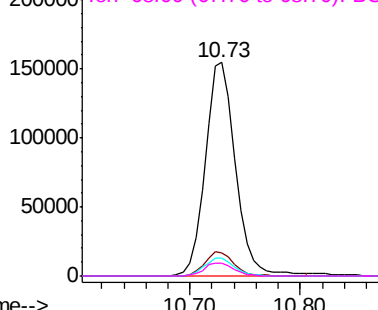
137 10.7 8.8 13.2

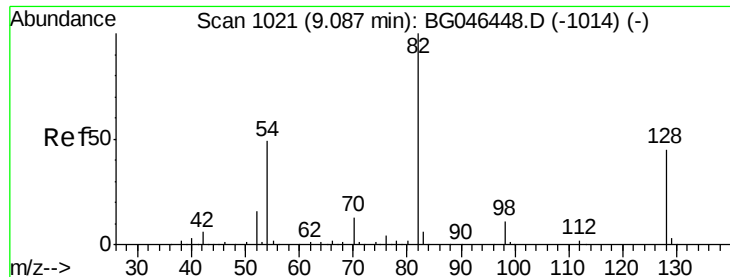
54 8.5 6.1 9.1

68 6.2 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

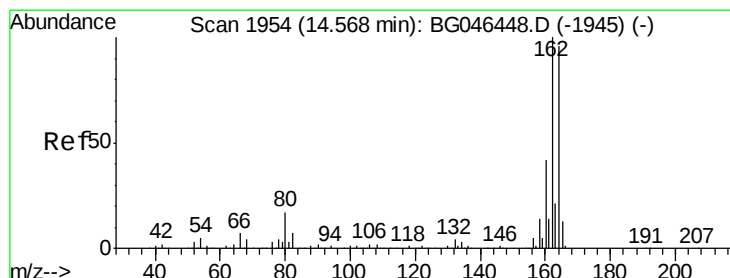
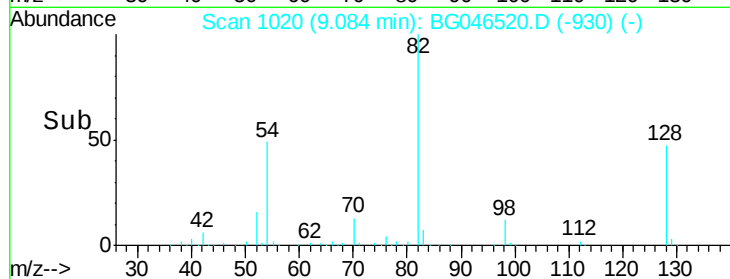
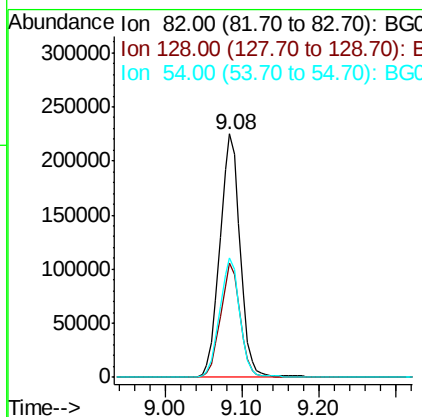
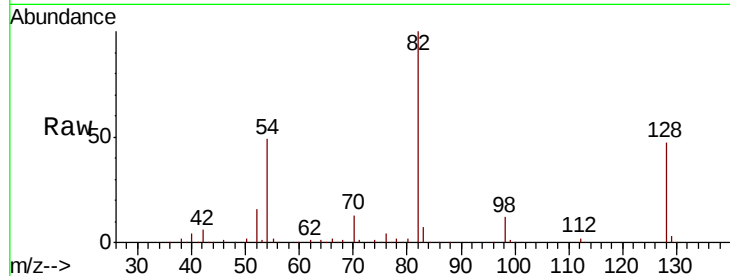




#23
Nitrobenzene-d5
Concen: 79.139 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046520.D
Acq: 3 Sep 2020 17:27

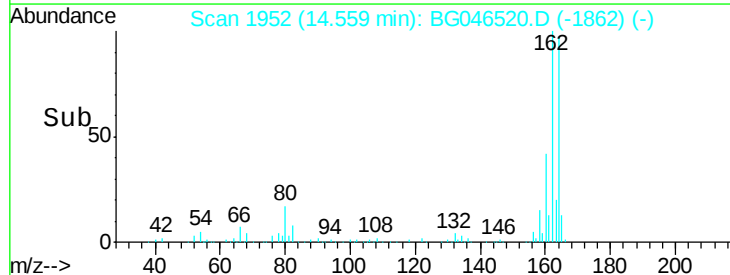
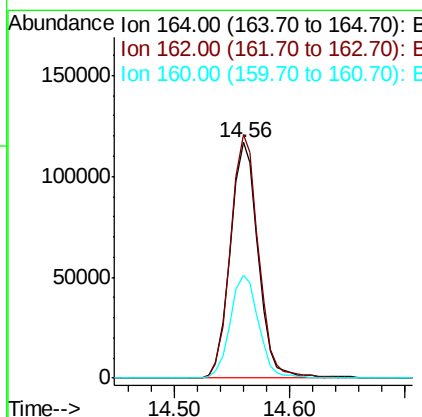
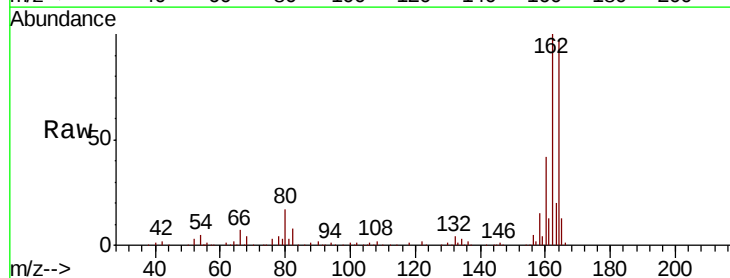
Instrument :
BNA_G
ClientSampleId :
PB131406BL

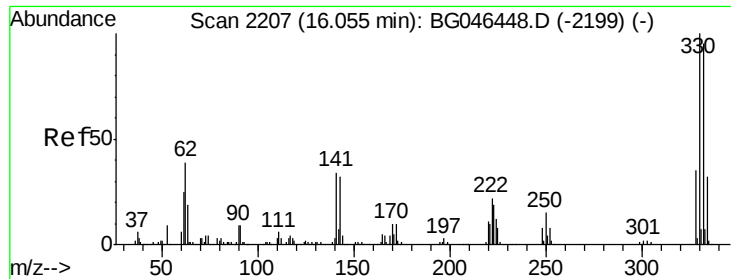
Tot Ion	82	Resp	410978
Ion Ratio	Lower	Upper	
82	100		
128	47.0	35.7	53.5
54	48.8	39.4	59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046520.D
Acq: 3 Sep 2020 17:27

Tgt Ion	164	Resp	194737
Ion Ratio	Lower	Upper	
164	100		
162	103.5	83.3	124.9
160	43.7	35.0	52.6

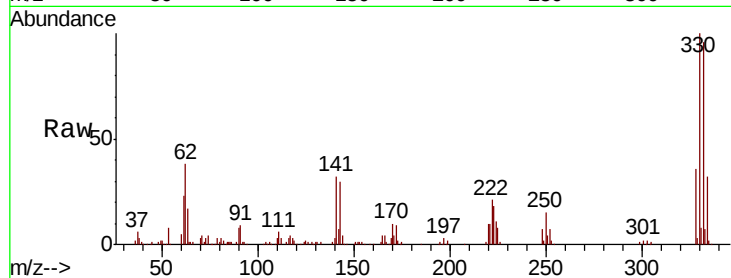




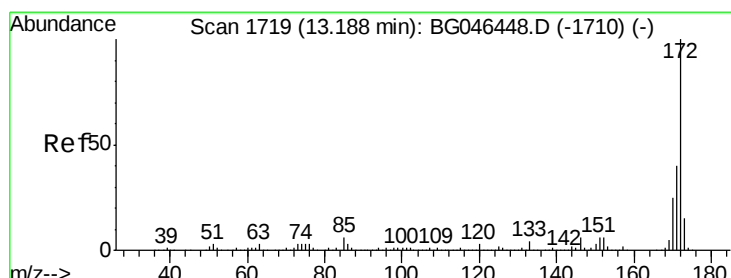
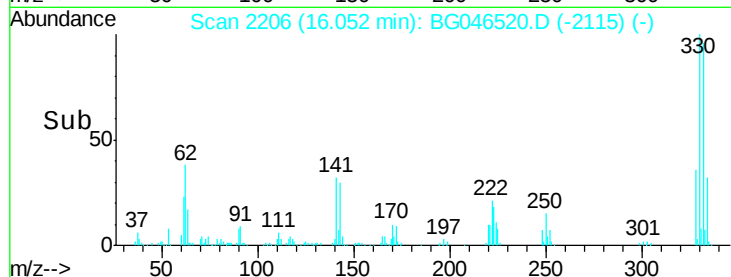
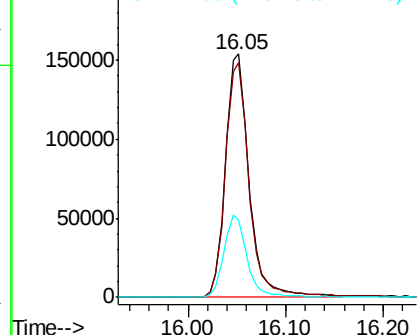
#42
 2,4,6-Tribromophenol
 Concen: 97.992 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046520.D
 Acq: 3 Sep 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PB131406BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.1	114.1
141	33.3	26.1	39.1

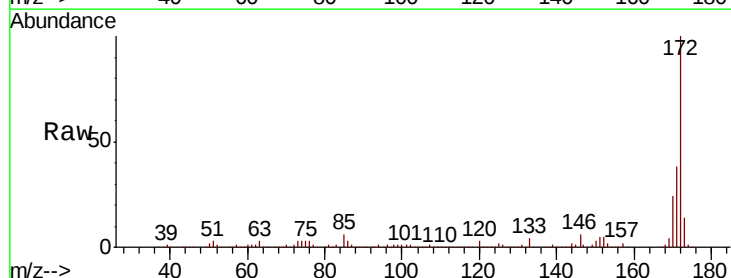


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

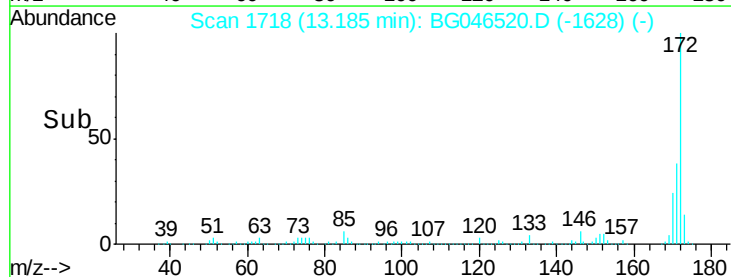
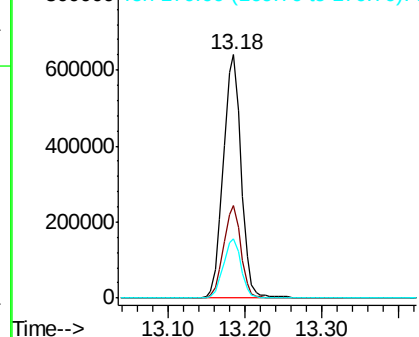


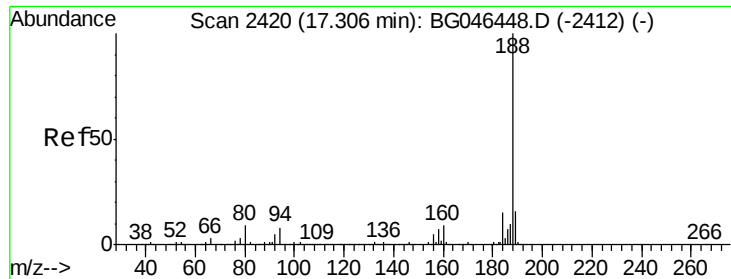
#45
 2-Fluorobiphenyl
 Concen: 80.423 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046520.D
 Acq: 3 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.8	47.6
170	24.4	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: BG046520.D

Acq: 3 Sep 2020 17:27

Instrument :

BNA_G

ClientSampleId :

PB131406BL

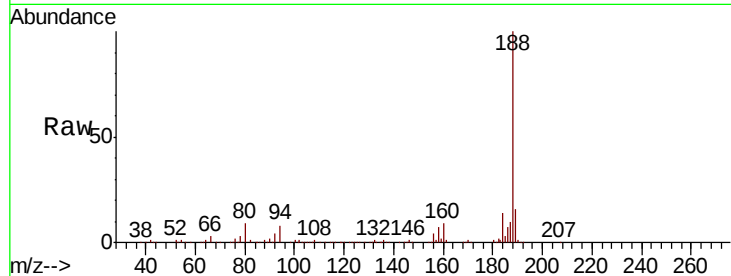
Tot Ion:188 Resp: 463818

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

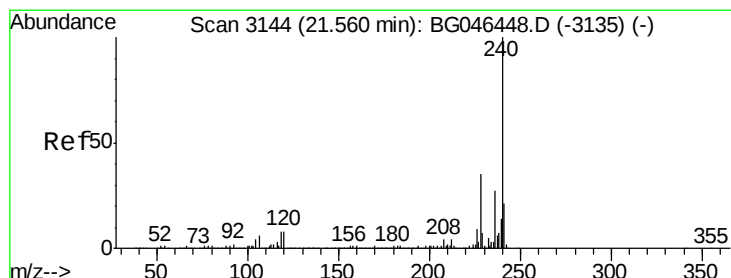
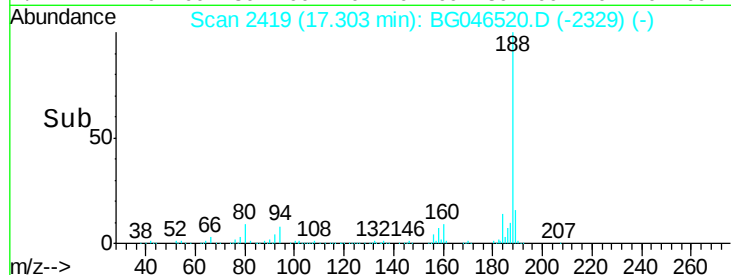
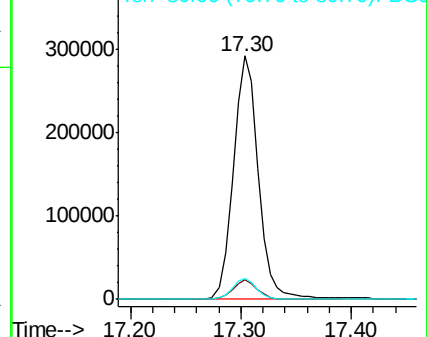
80 8.6 6.9 10.3



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: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046520.D

Acq: 3 Sep 2020 17:27

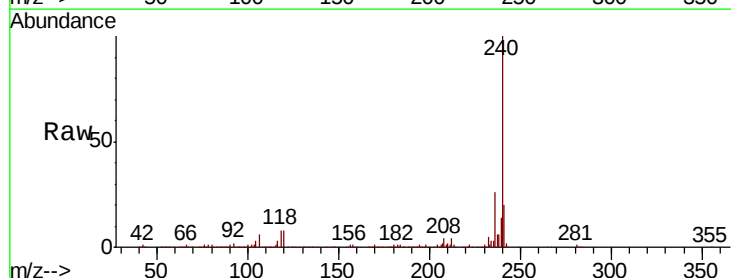
Tgt Ion:240 Resp: 514165

Ion Ratio Lower Upper

240 100

120 8.4 6.6 10.0

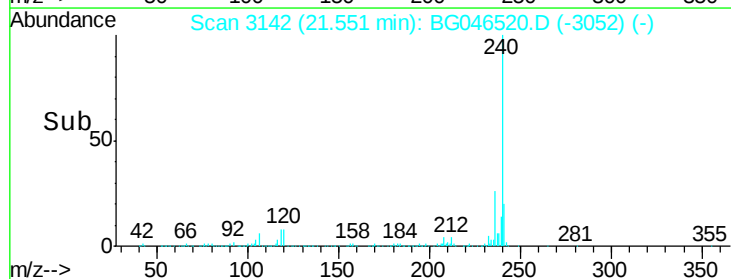
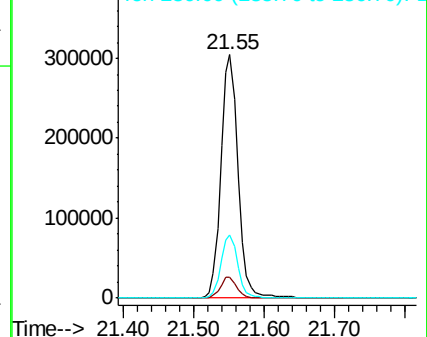
236 26.0 21.4 32.2

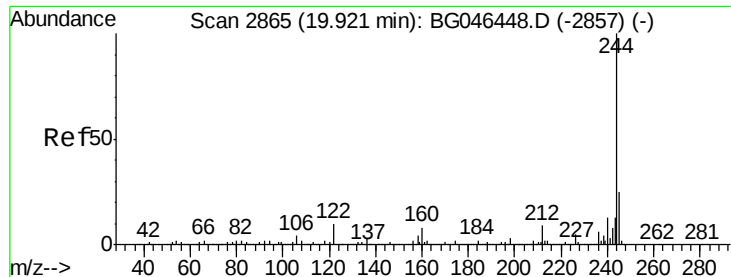


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.851 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046520.D

Acq: 3 Sep 2020 17:27

Instrument :

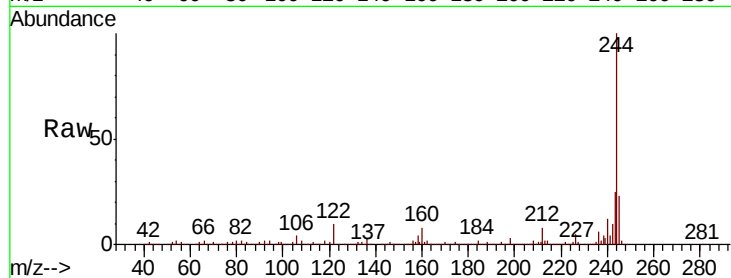
BNA_G

ClientSampleId :

PB131406BL

Tot Ion:244 Resp: 1663420

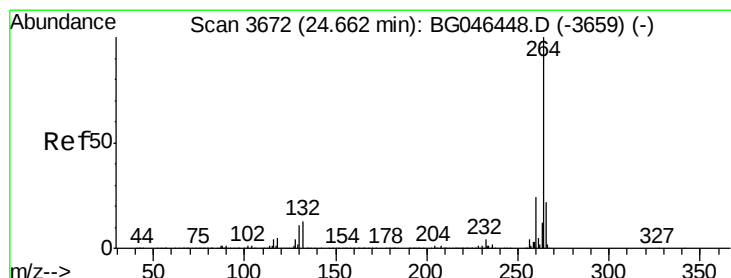
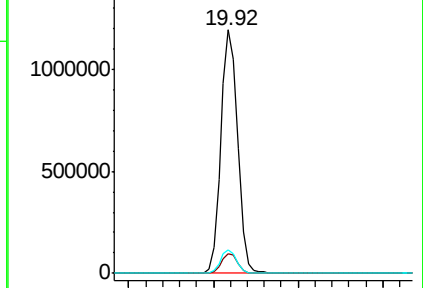
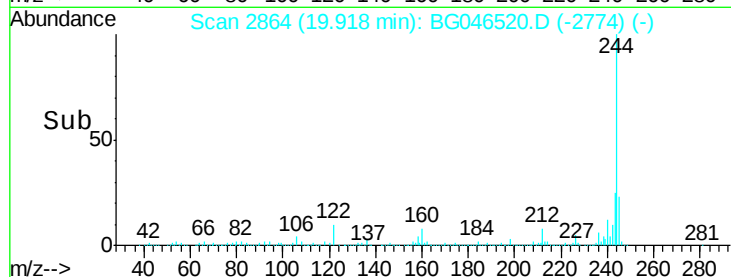
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	9.9	8.2	12.4



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

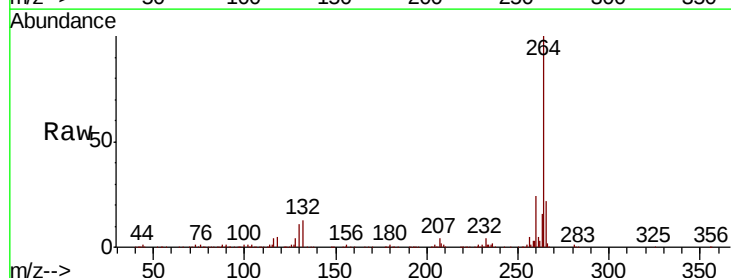
Delta R.T. -0.00 min

Lab File: BG046520.D

Acq: 3 Sep 2020 17:27

Tgt Ion:264 Resp: 500534

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	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

