

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046516.D
 Acq On : 3 Sep 2020 14:46
 Operator : CG/JU
 Sample : PB131395BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131395BL

Quant Time: Sep 03 15:57:43 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	77281	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	319713	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	207367	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	490739	20.00	ng	0.00
76) Chrysene-d12	21.55	240	522723	20.00	ng	0.00
86) Perylene-d12	24.65	264	523387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	506436	116.07	ng	0.00
7) Phenol-d6	7.10	99	636030	102.83	ng	0.00
23) Nitrobenzene-d5	9.08	82	420681	75.21	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	267457	95.19	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1061122	78.12	ng	0.00
79) Terphenyl-d14	19.92	244	1670815	68.02	ng	0.00

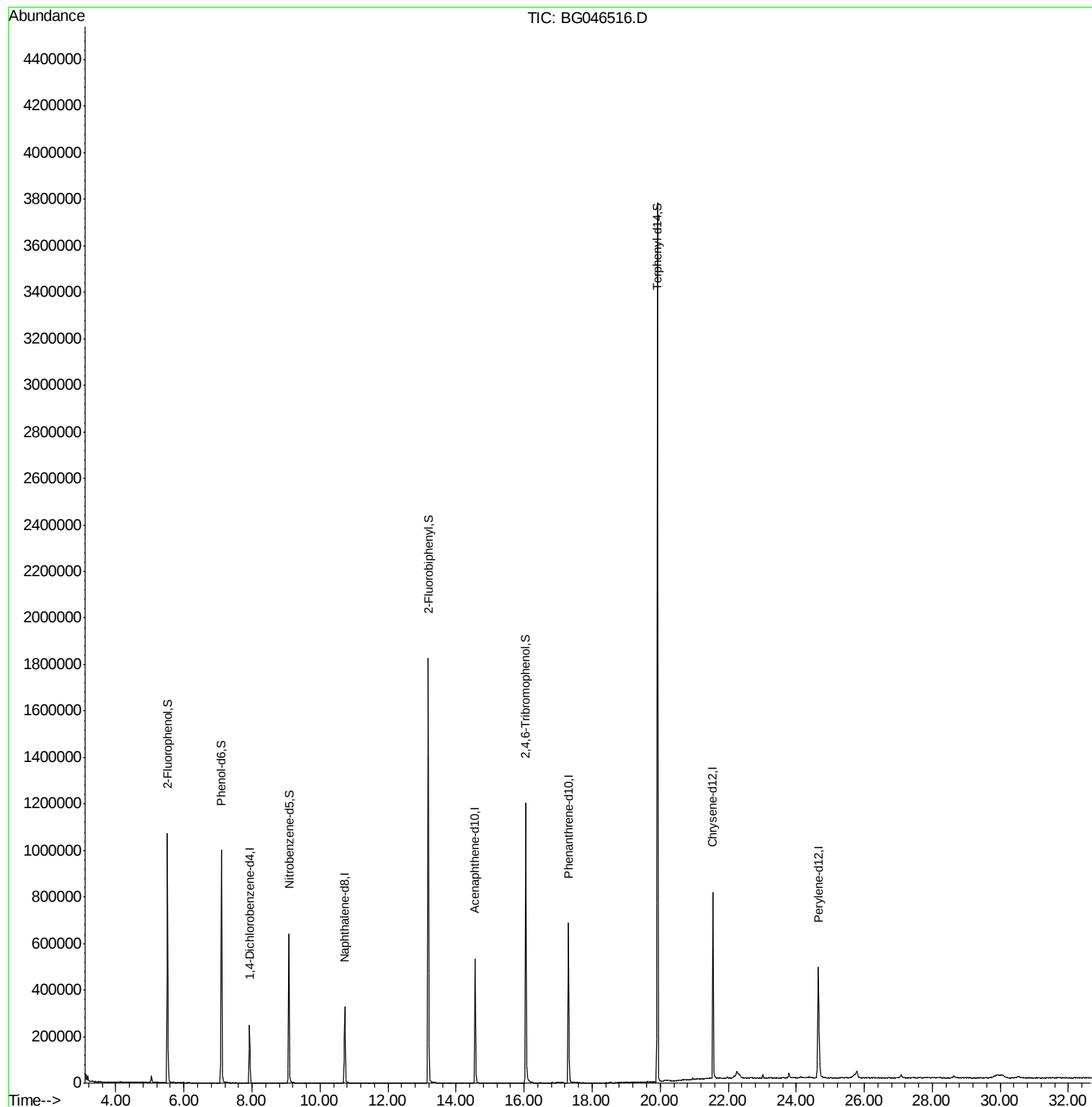
Target Compounds Qvalue

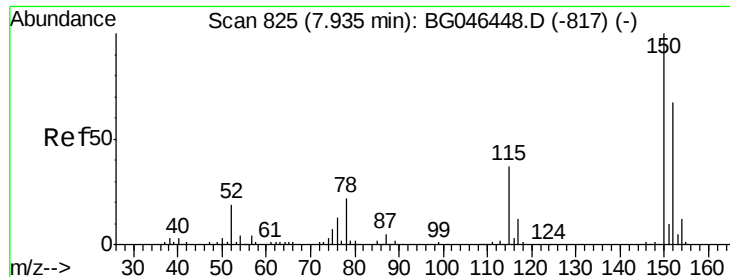
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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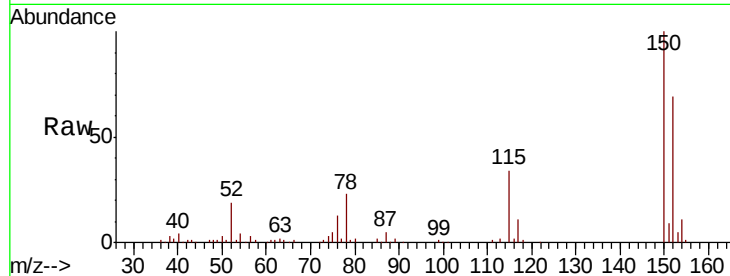


#1

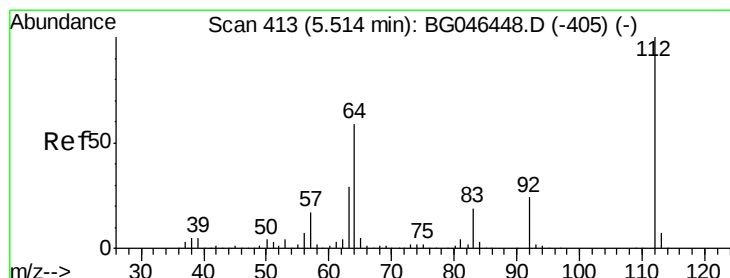
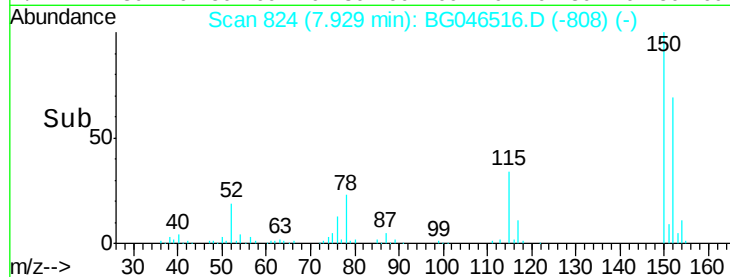
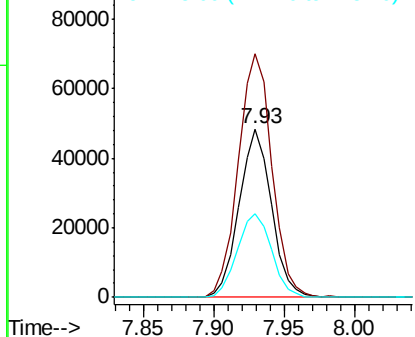
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046516.D
 Acq: 3 Sep 2020 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB131395BL

Tot Ion:152 Resp: 77281
 Ion Ratio Lower Upper
 152 100
 150 144.8 119.5 179.3
 115 49.8 44.3 66.5



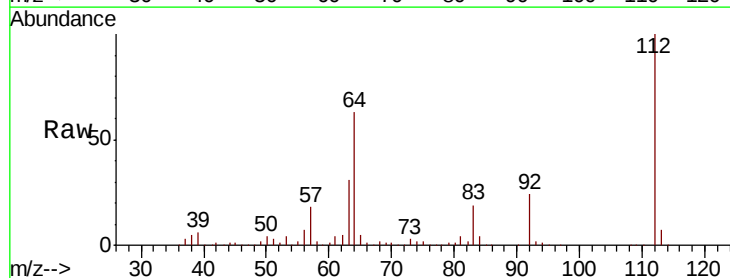
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



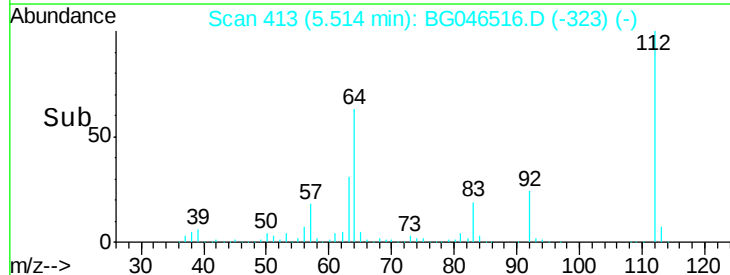
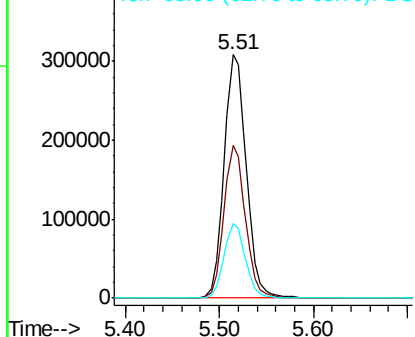
#5

2-Fluorophenol
 Concen: 116.069 ng
 RT: 5.51 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046516.D
 Acq: 3 Sep 2020 14:46

Tgt Ion:112 Resp: 506436
 Ion Ratio Lower Upper
 112 100
 64 62.7 47.0 70.6
 63 30.6 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: 102.829 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046516.D

Acq: 3 Sep 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB131395BL

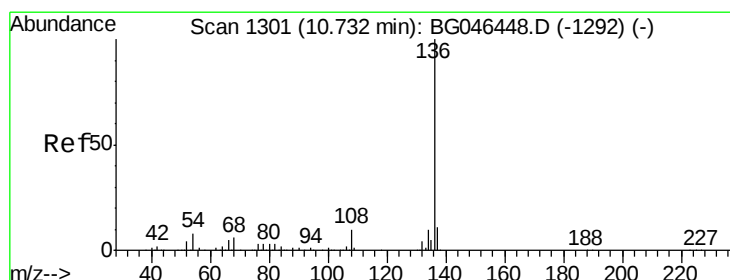
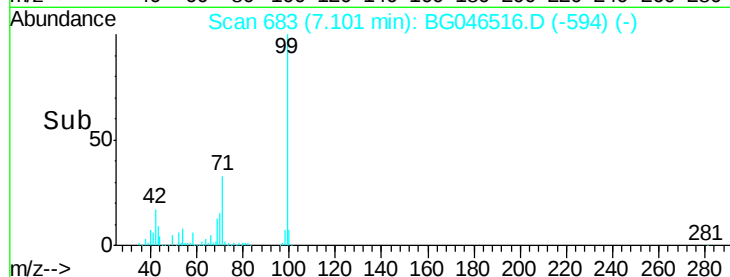
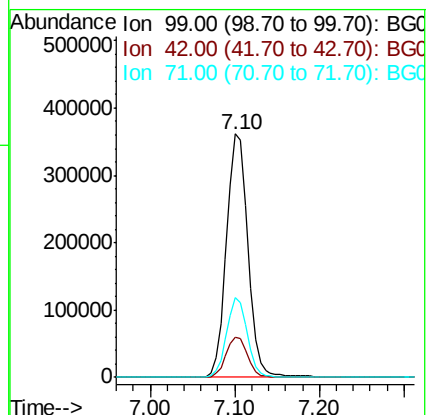
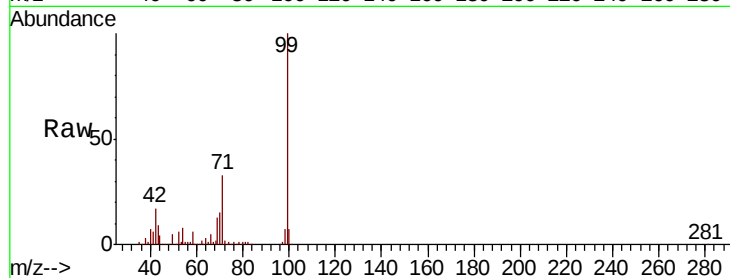
Tot Ion: 99 Resp: 636030

Ion Ratio Lower Upper

99 100

42 16.7 13.3 19.9

71 32.8 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046516.D

Acq: 3 Sep 2020 14:46

Tgt Ion: 136 Resp: 319713

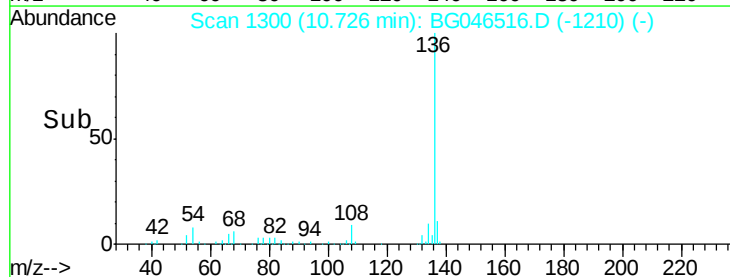
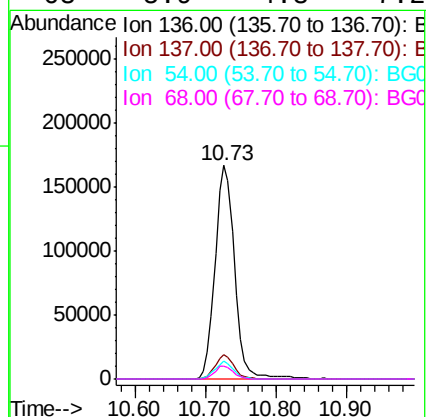
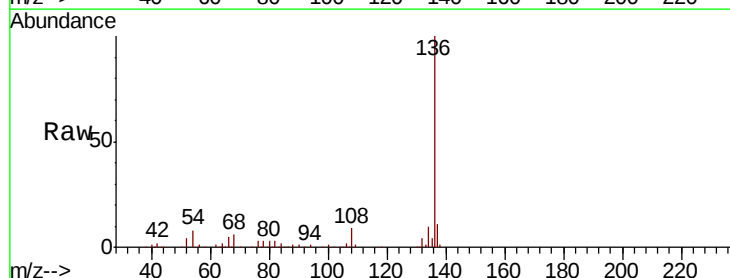
Ion Ratio Lower Upper

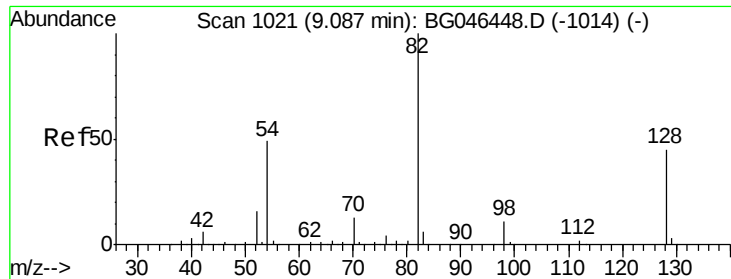
136 100

137 11.3 8.8 13.2

54 8.3 6.1 9.1

68 5.9 4.8 7.2

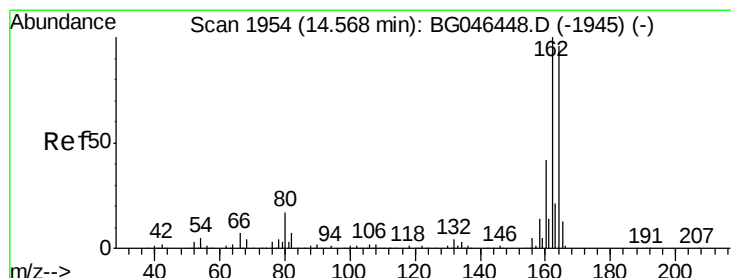
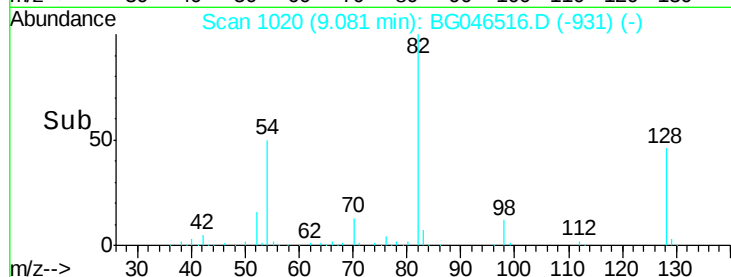
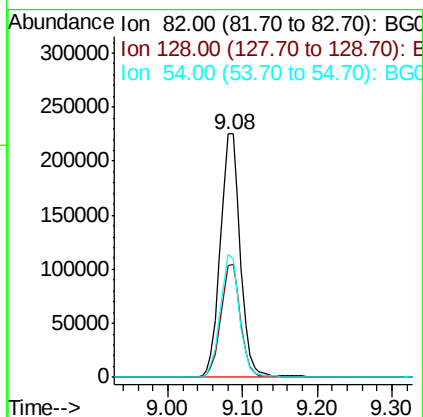
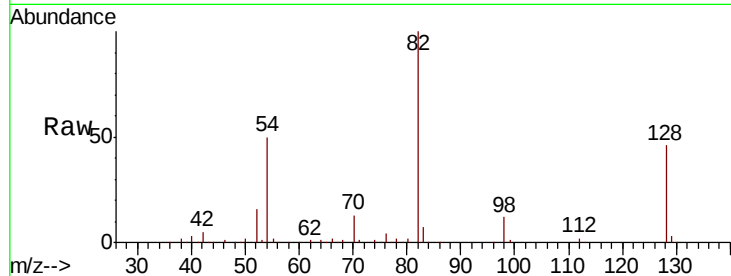




#23
Nitrobenzene-d5
Concen: 75.205 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046516.D
Acq: 3 Sep 2020 14:46

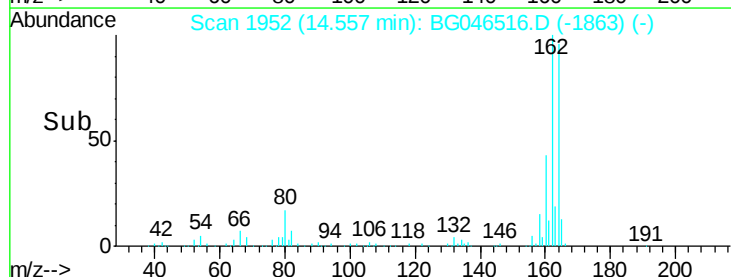
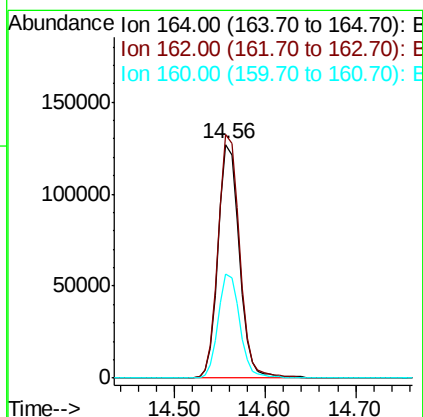
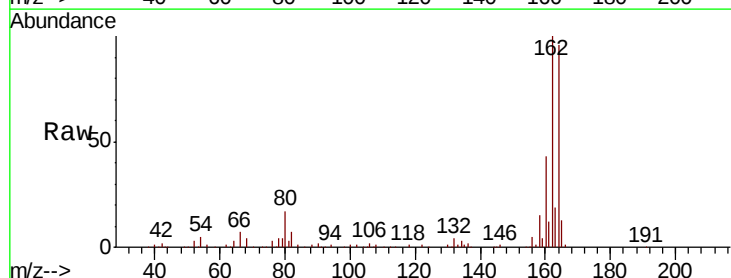
Instrument :
BNA_G
ClientSampleId :
PB131395BL

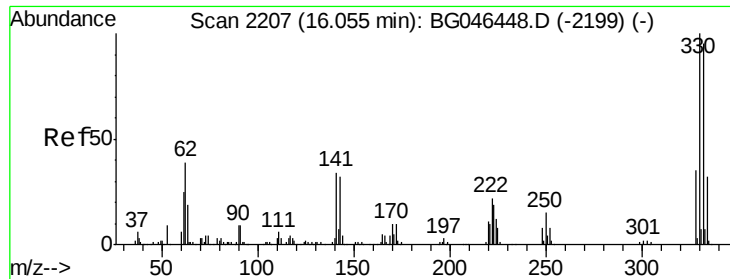
Tot Ion: 82 Resp: 420681
Ion Ratio Lower Upper
82 100
128 45.8 35.7 53.5
54 50.4 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG046516.D
Acq: 3 Sep 2020 14:46

Tgt Ion:164 Resp: 207367
Ion Ratio Lower Upper
164 100
162 104.2 83.3 124.9
160 44.4 35.0 52.6

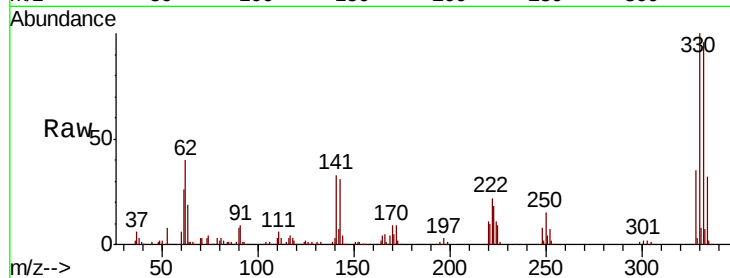




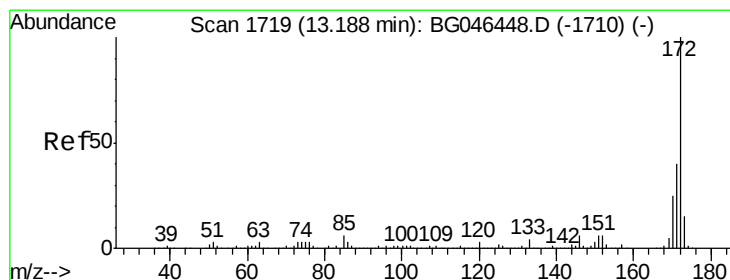
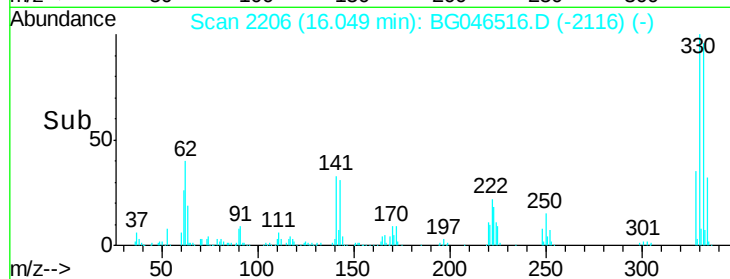
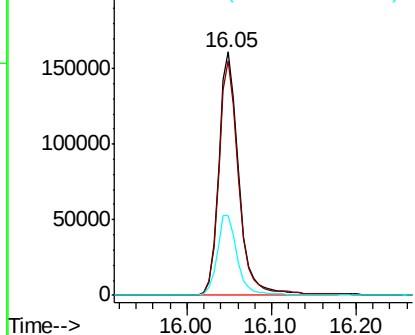
#42
 2,4,6-Tribromophenol
 Concen: 95.191 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046516.D
 Acq: 3 Sep 2020 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB131395BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.1	114.1
141	33.3	26.1	39.1

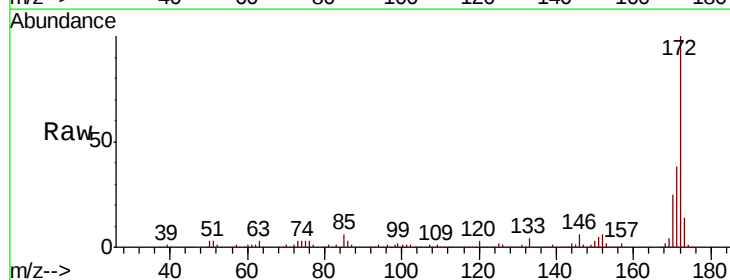


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

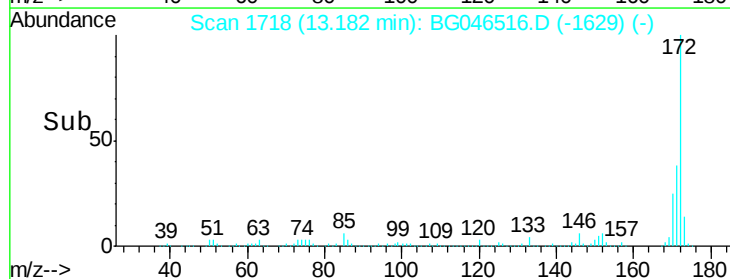
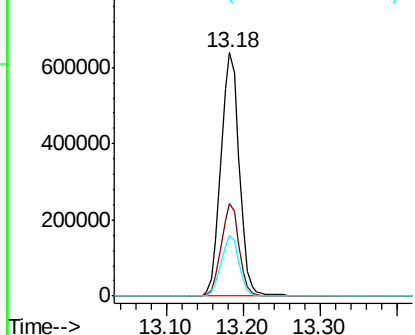


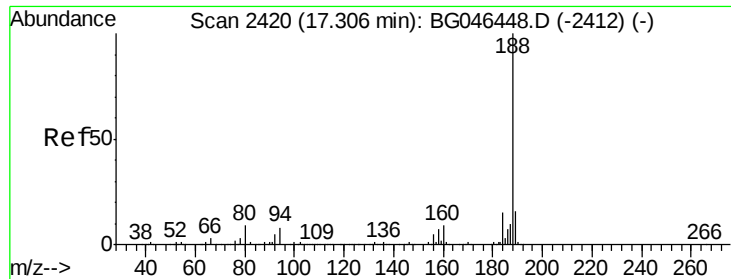
#45
 2-Fluorobiphenyl
 Concen: 78.116 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046516.D
 Acq: 3 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.8	47.6
170	24.9	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. -0.01 min

Lab File: BG046516.D

Acq: 3 Sep 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB131395BL

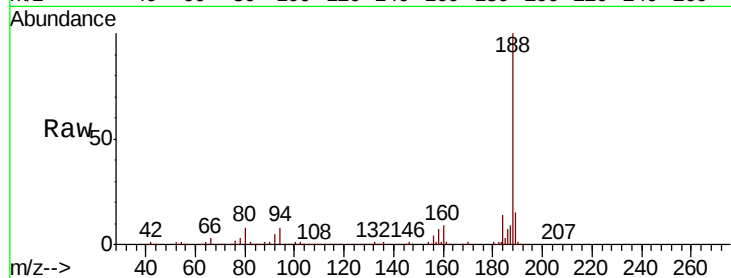
Tot Ion:188 Resp: 490739

Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

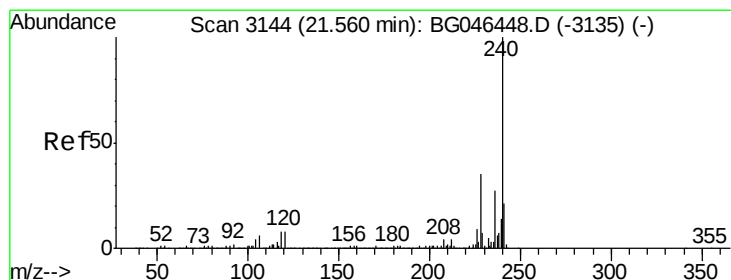
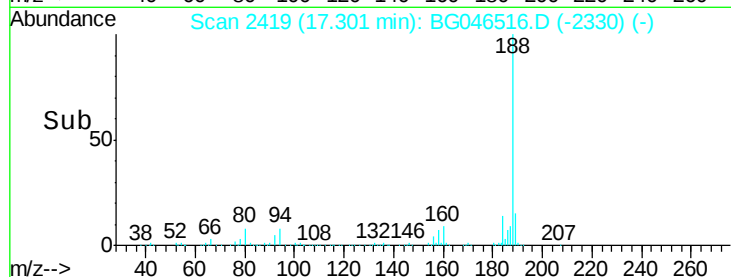
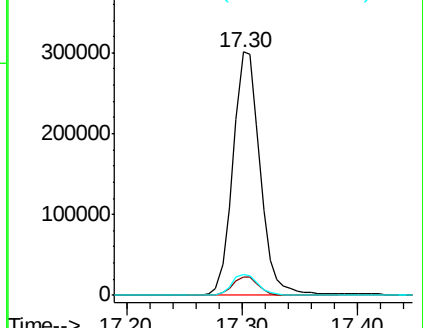
80 8.5 6.9 10.3



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. -0.01 min

Lab File: BG046516.D

Acq: 3 Sep 2020 14:46

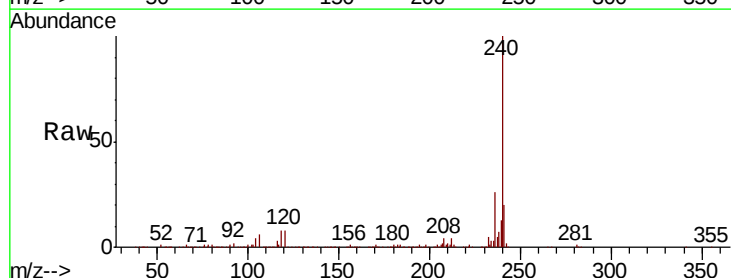
Tgt Ion:240 Resp: 522723

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

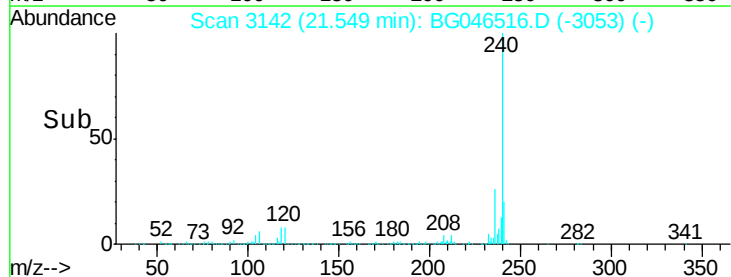
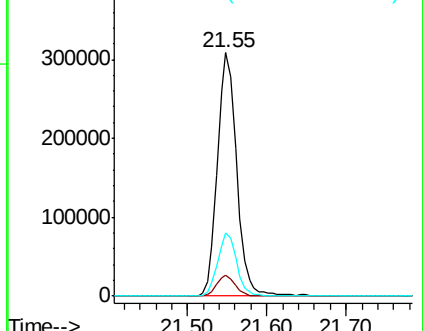
236 26.0 21.4 32.2

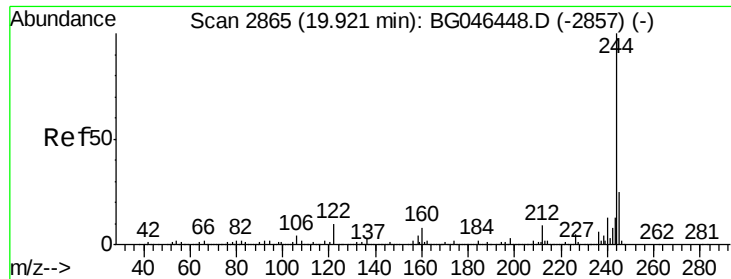


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.024 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046516.D

Acq: 3 Sep 2020 14:46

Instrument :

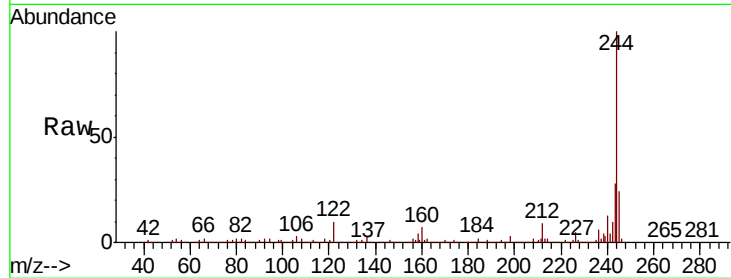
BNA_G

ClientSampleId :

PB131395BL

Tot Ion:244 Resp: 1670815

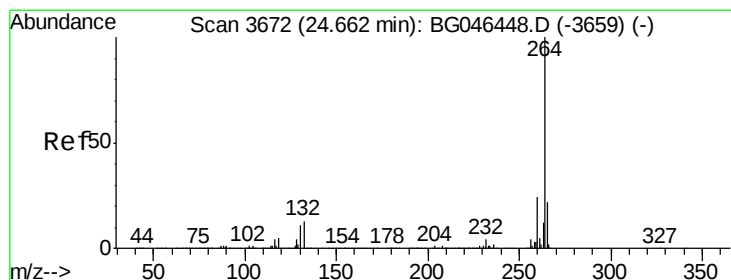
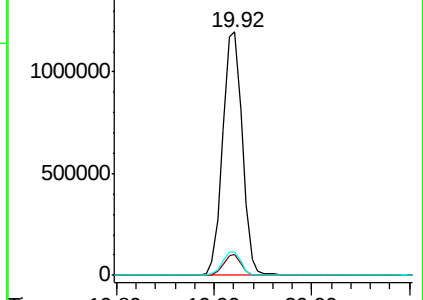
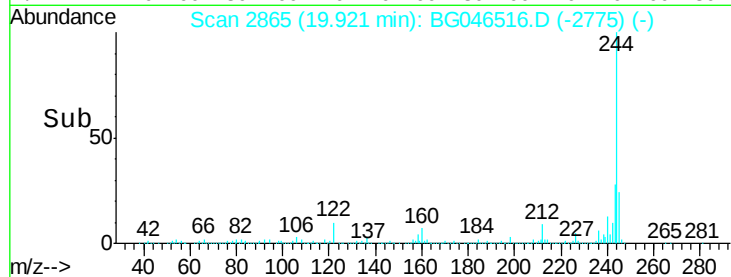
Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	9.6	8.2	12.4



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

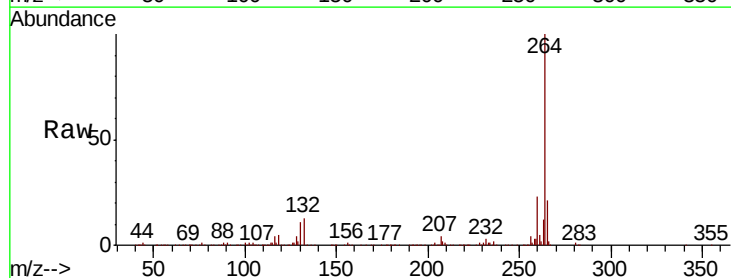
Delta R.T. -0.01 min

Lab File: BG046516.D

Acq: 3 Sep 2020 14:46

Tgt Ion:264 Resp: 523387

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	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

