

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044290.D
 Acq On : 4 Feb 2020 21:14
 Operator : CG/JU
 Sample : PB126573TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126573TB

Quant Time: Feb 05 05:30:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

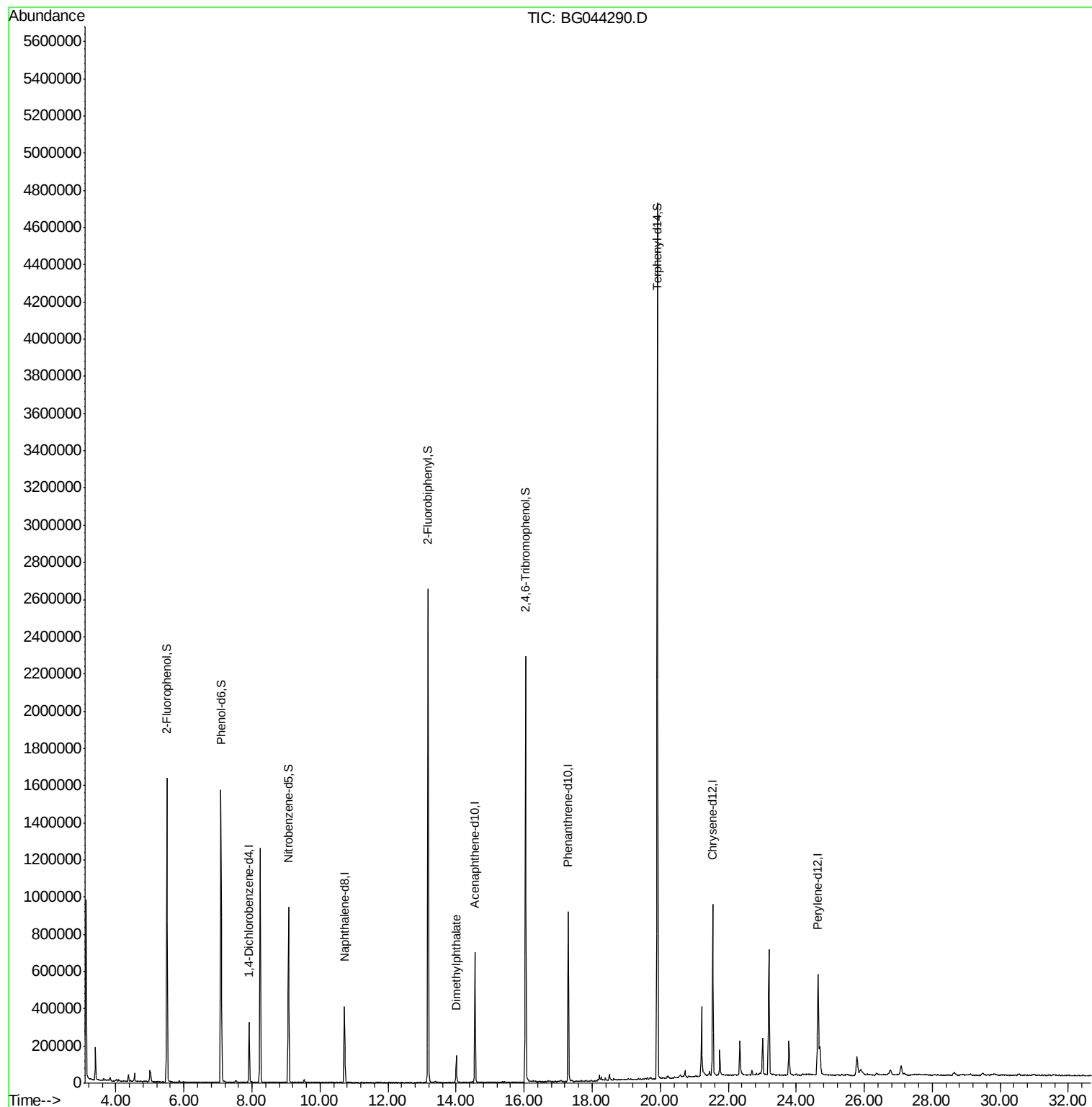
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	96894	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	390044	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	260633	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	591176	20.00	ng	0.00
76) Chrysene-d12	21.54	240	519897	20.00	ng	0.00
87) Perylene-d12	24.64	264	575326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	775782	141.30	ng	0.00
7) Phenol-d6	7.09	99	998054	135.37	ng	0.00
23) Nitrobenzene-d5	9.08	82	616243	89.20	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	450443	147.22	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1380877	88.72	ng	0.00
79) Terphenyl-d14	19.92	244	2180865	86.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	110508	5.898	ng	Qvalue 98

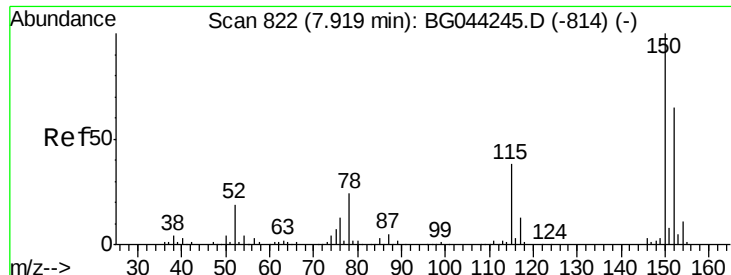
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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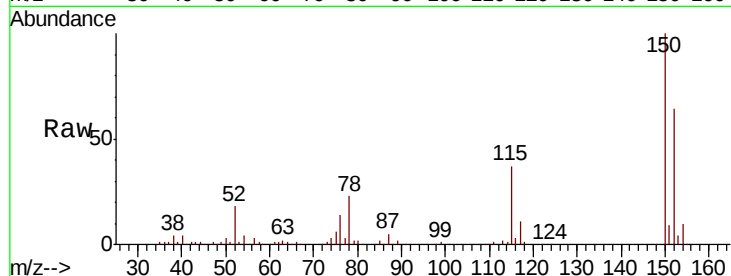


#1

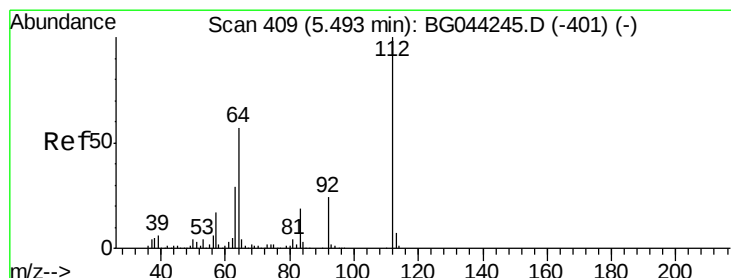
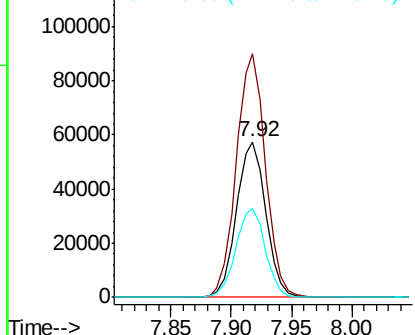
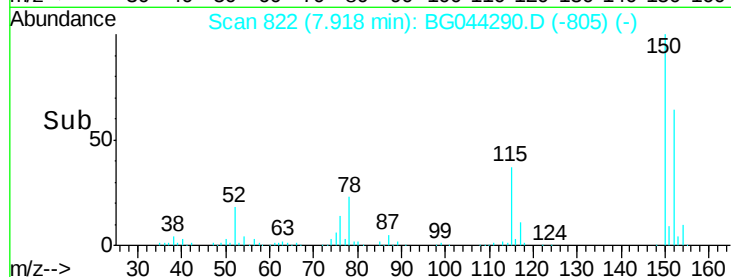
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG044290.D
 Acq: 4 Feb 2020 21:14

Instrument :
 BNA_G
 ClientSampleId :
 PB126573TB

Tot Ion:152 Resp: 96894
 Ion Ratio Lower Upper
 152 100
 150 156.6 122.6 183.8
 115 57.3 46.0 69.0



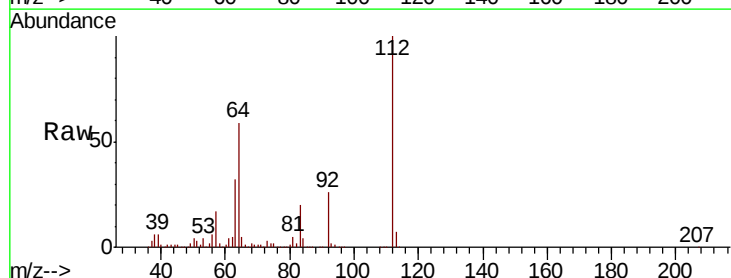
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



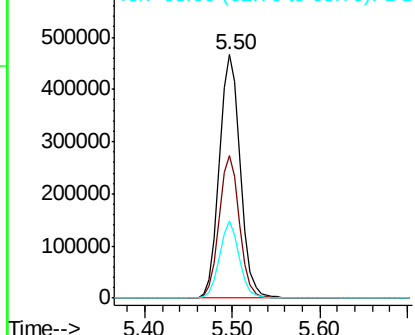
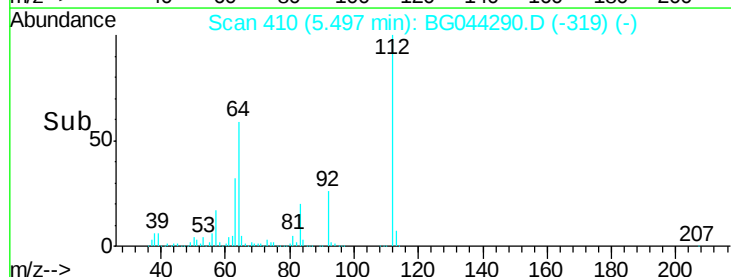
#5

2-Fluorophenol
 Concen: 141.302 ng
 RT: 5.50 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BG044290.D
 Acq: 4 Feb 2020 21:14

Tgt Ion:112 Resp: 775782
 Ion Ratio Lower Upper
 112 100
 64 58.7 45.4 68.2
 63 31.6 22.9 34.3



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: 135.374 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044290.D

Acq: 4 Feb 2020 21:14

Instrument :

BNA_G

ClientSampleId :

PB126573TB

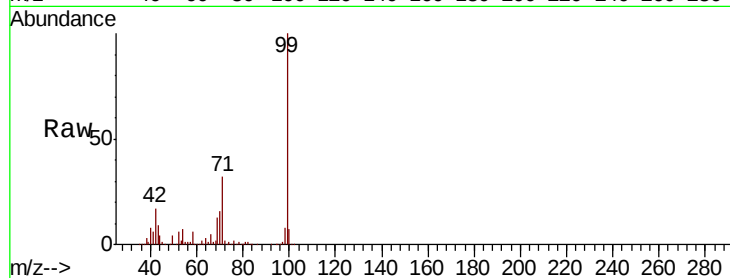
Tot Ion: 99 Resp: 998054

Ion Ratio Lower Upper

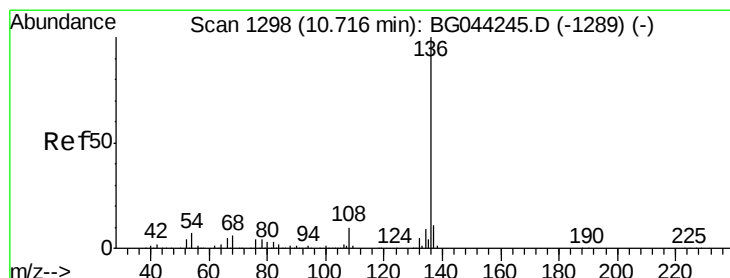
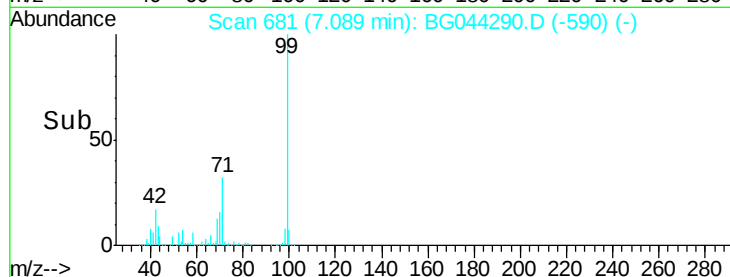
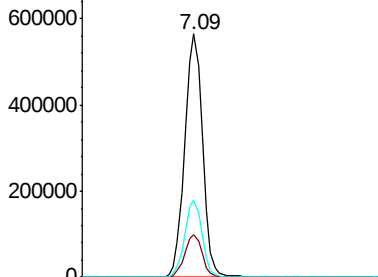
99 100

42 17.3 13.8 20.6

71 31.9 25.5 38.3



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: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG044290.D

Acq: 4 Feb 2020 21:14

Tgt Ion: 136 Resp: 390044

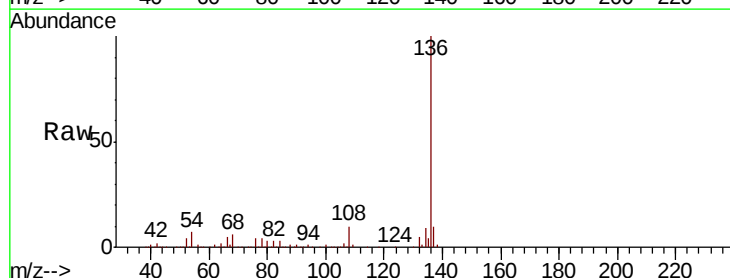
Ion Ratio Lower Upper

136 100

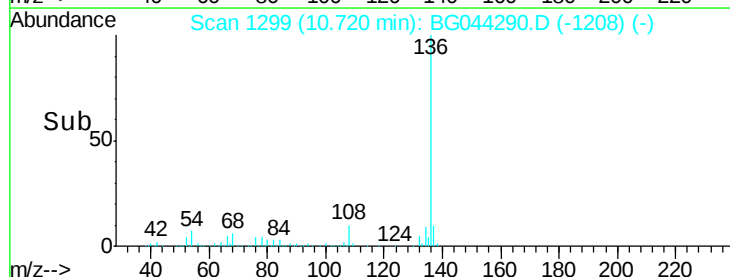
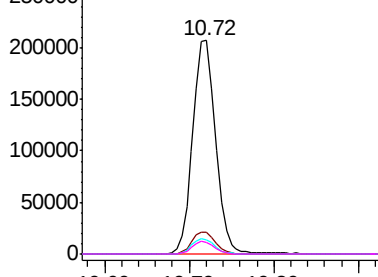
137 10.3 8.8 13.2

54 6.9 5.8 8.8

68 5.6 4.6 6.8



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

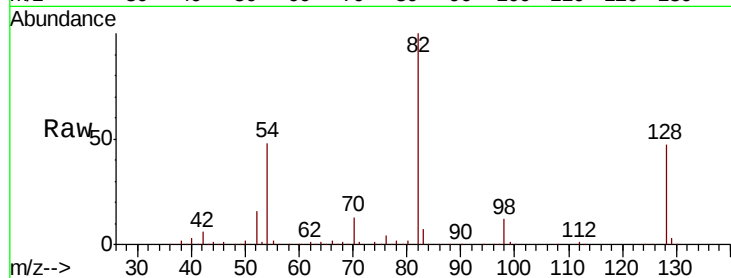




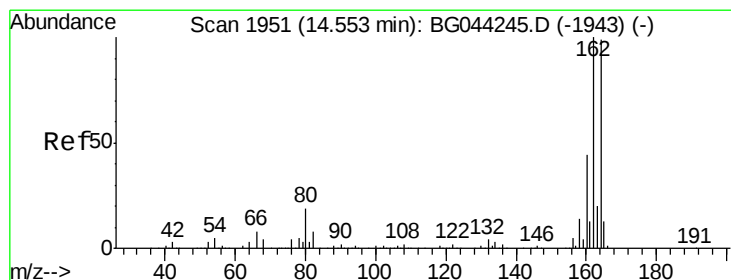
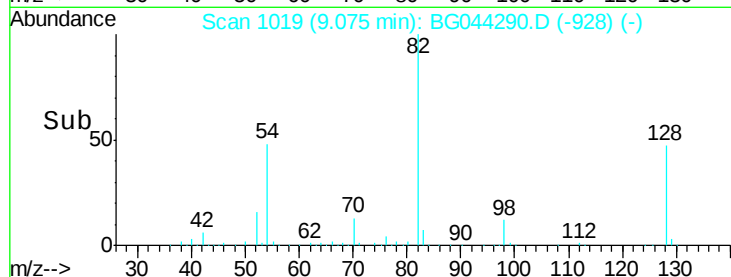
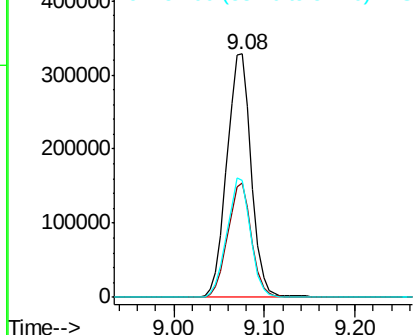
#23
Nitrobenzene-d5
Concen: 89.197 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG044290.D
Acq: 4 Feb 2020 21:14

Instrument :
BNA_G
ClientSampleId :
PB126573TB

Tot Ion: 82 Resp: 616243
Ion Ratio Lower Upper
82 100
128 47.1 36.5 54.7
54 47.9 38.6 58.0

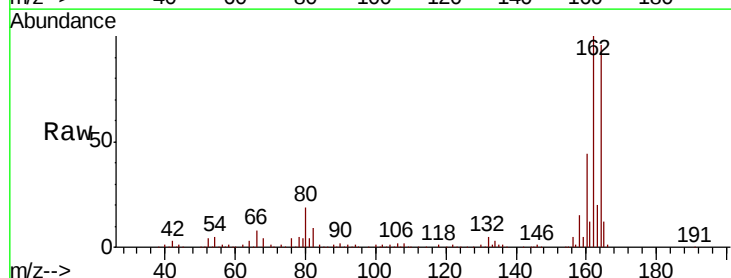


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

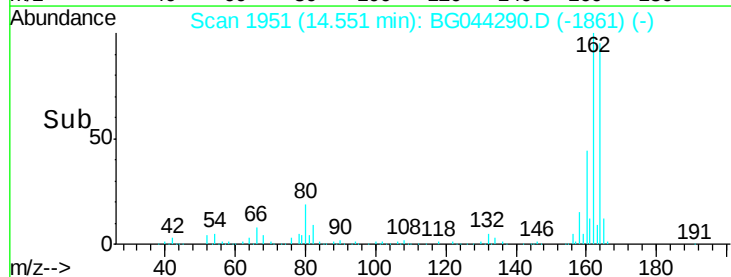
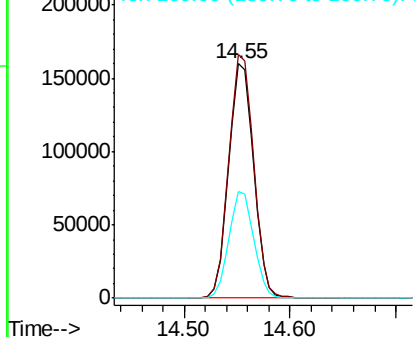


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044290.D
Acq: 4 Feb 2020 21:14

Tgt Ion:164 Resp: 260633
Ion Ratio Lower Upper
164 100
162 104.0 80.7 121.1
160 45.4 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

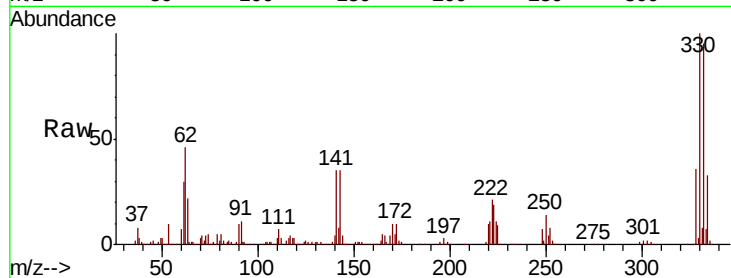




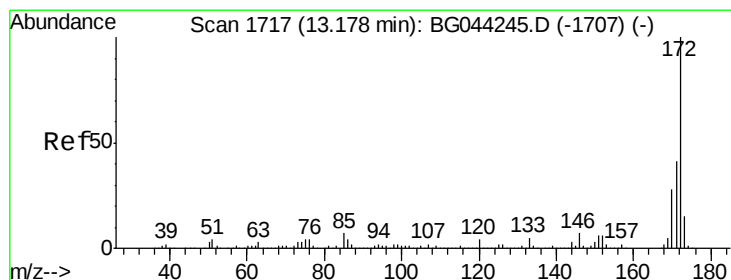
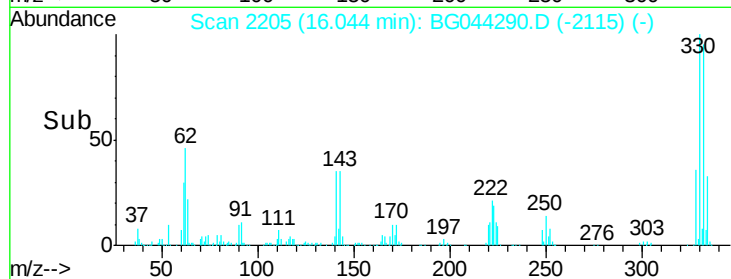
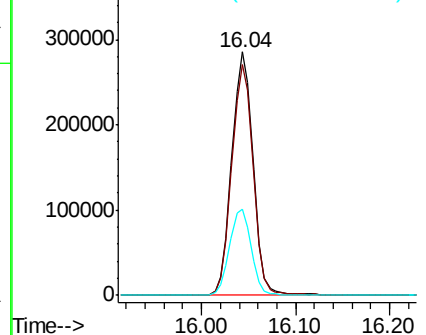
#42
 2,4,6-Tribromophenol
 Concen: 147.219 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG044290.D
 Acq: 4 Feb 2020 21:14

Instrument :
 BNA_G
 ClientSampleId :
 PB126573TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.2	115.8
141	36.3	28.3	42.5

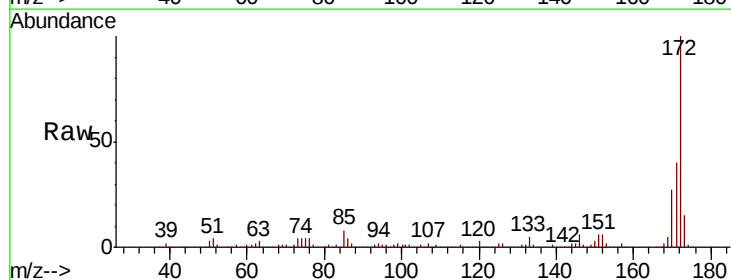


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

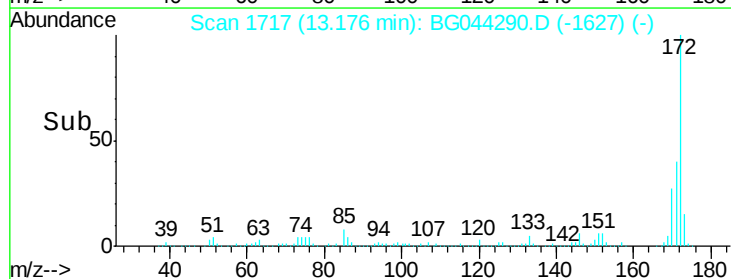
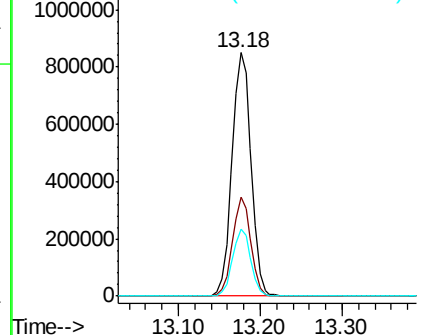


#45
 2-Fluorobiphenyl
 Concen: 88.721 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044290.D
 Acq: 4 Feb 2020 21:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.4	32.9	49.3
170	27.3	22.0	33.0



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: 5.898 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044290.D

Acq: 4 Feb 2020 21:14

Instrument :

BNA_G

ClientSampleId :

PB126573TB

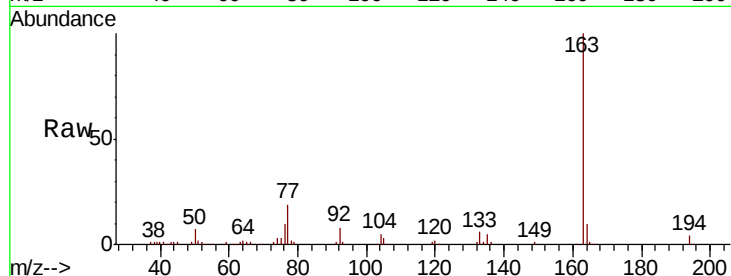
Tot Ion:163 Resp: 110508

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

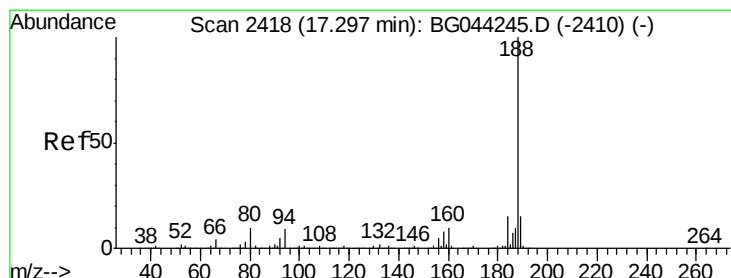
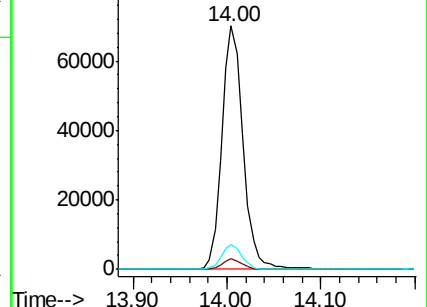
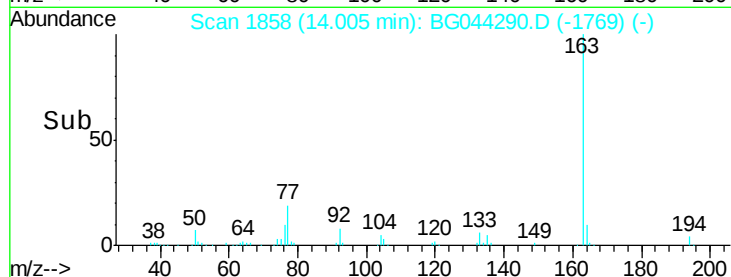
164 10.2 8.7 13.1



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: 17.30 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG044290.D

Acq: 4 Feb 2020 21:14

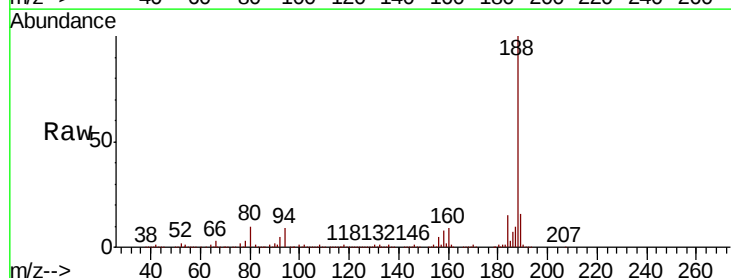
Tgt Ion:188 Resp: 591176

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

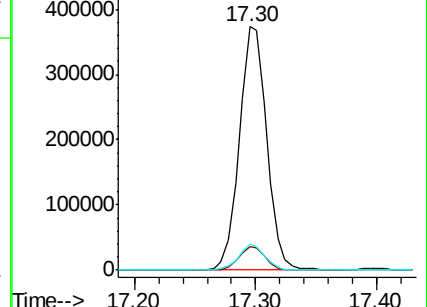
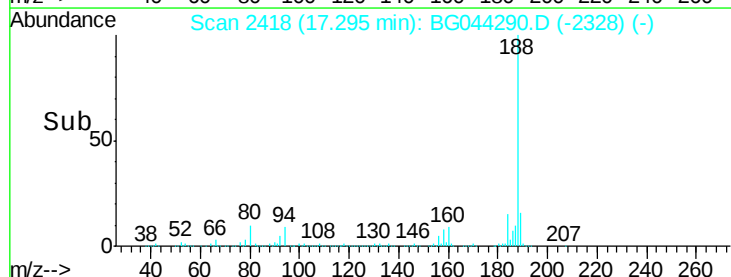
80 10.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

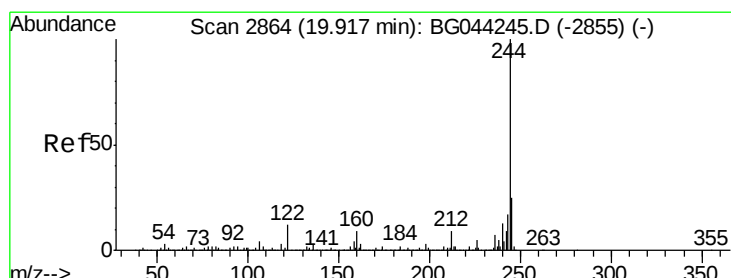
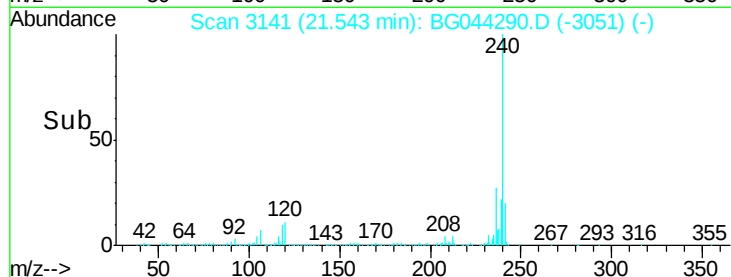
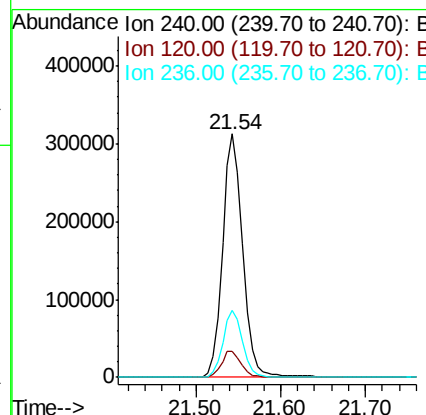
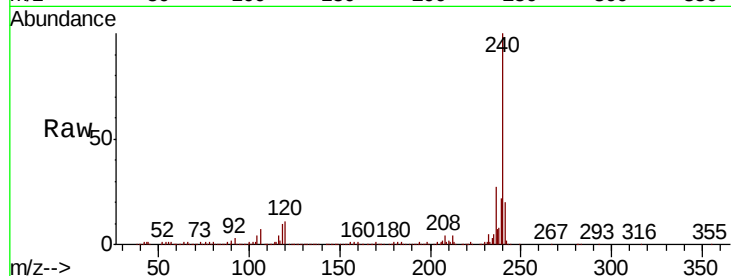




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG044290.D
Acq: 4 Feb 2020 21:14

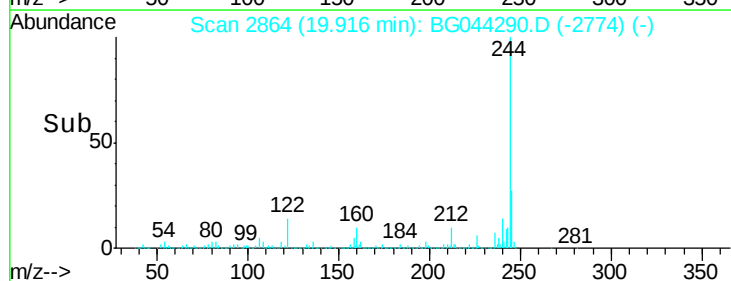
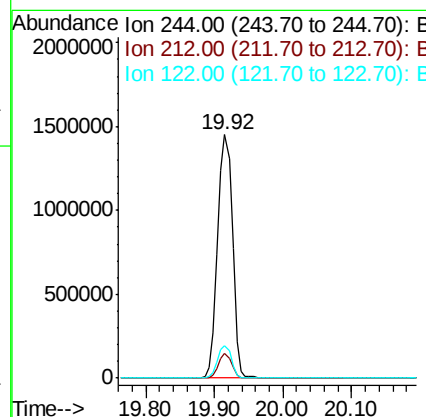
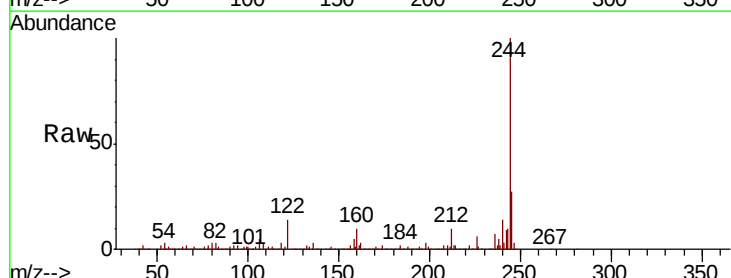
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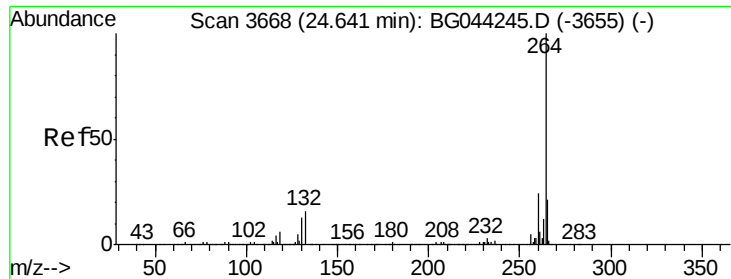
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	27.4	22.1	33.1



#79
Terphenyl-d14
Concen: 86.282 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG044290.D
Acq: 4 Feb 2020 21:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.4	11.2
122	13.5	9.8	14.6

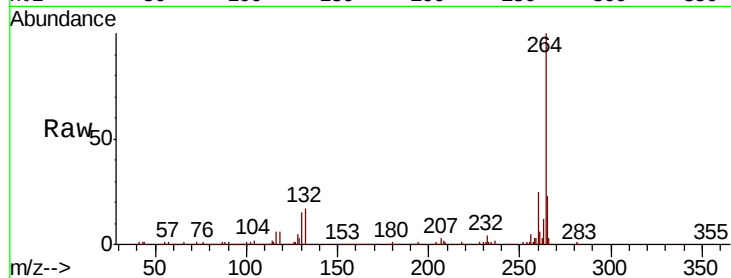




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG044290.D
Acq: 4 Feb 2020 21:14

Instrument :
BNA_G
ClientSampleId :
PB126573TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	22.7	16.7	25.1



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

