

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044484.D
 Acq On : 18 Feb 2020 22:36
 Operator : CG/JU
 Sample : PB126892TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126892TB

Quant Time: Feb 19 02:19:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	69056	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	284015	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	199036	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	430251	20.00	ng	-0.01
76) Chrysene-d12	21.53	240	393632	20.00	ng	-0.01
87) Perylene-d12	24.60	264	426665	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	510245	130.40	ng	0.00
7) Phenol-d6	7.07	99	599579	114.11	ng	0.00
23) Nitrobenzene-d5	9.05	82	475888	94.60	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	331078	141.69	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1091645	91.84	ng	0.00
79) Terphenyl-d14	19.90	244	1739112	90.87	ng	0.00

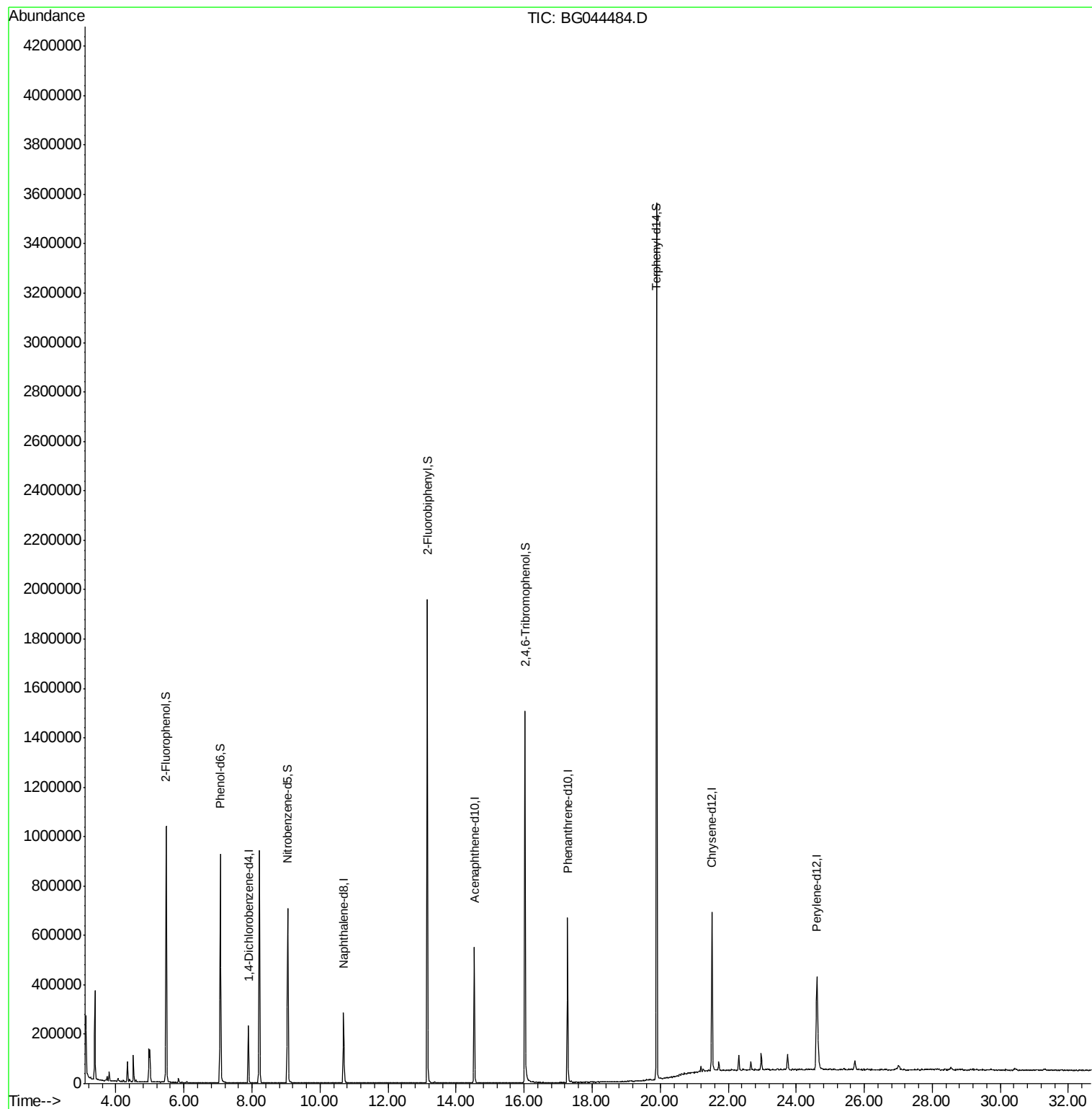
Target Compounds Qvalue

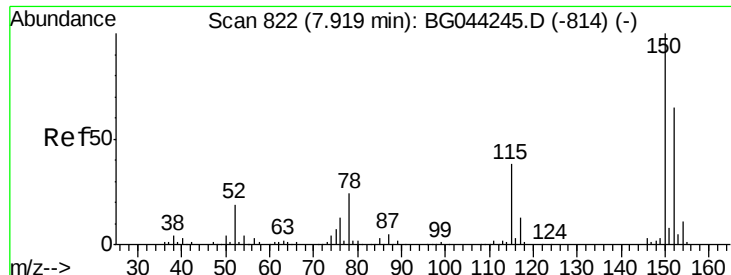
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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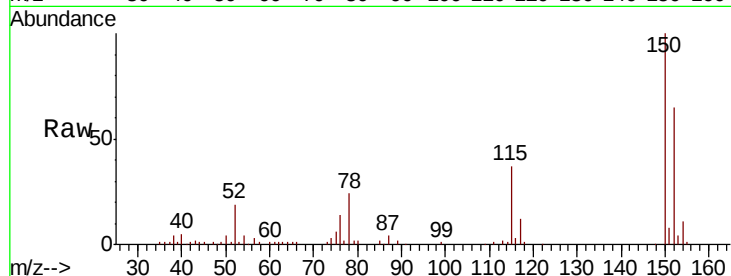


#1

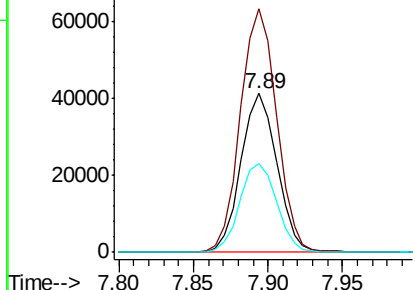
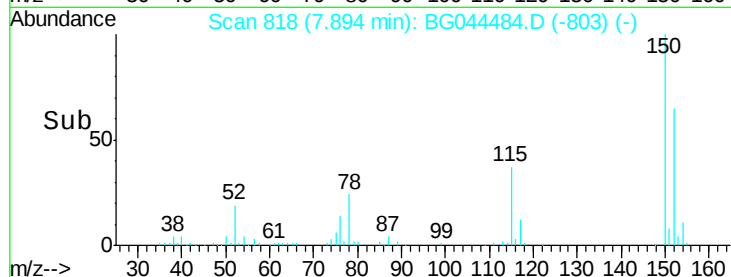
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG044484.D
 Acq: 18 Feb 2020 22:36

Instrument :
 BNA_G
 ClientSampleId :
 PB126892TB

Tot Ion:152 Resp: 69056
 Ion Ratio Lower Upper
 152 100
 150 153.5 122.6 183.8
 115 56.1 46.0 69.0



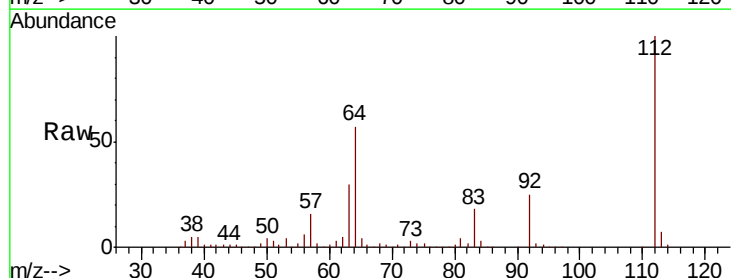
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



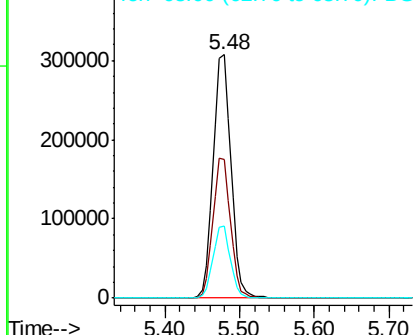
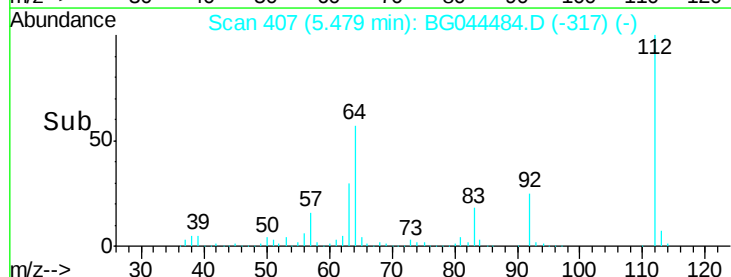
#5

2-Fluorophenol
 Concen: 130.402 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044484.D
 Acq: 18 Feb 2020 22:36

Tgt Ion:112 Resp: 510245
 Ion Ratio Lower Upper
 112 100
 64 57.1 45.4 68.2
 63 29.7 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: 114.110 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044484.D

Acq: 18 Feb 2020 22:36

Instrument :

BNA_G

ClientSampleId :

PB126892TB

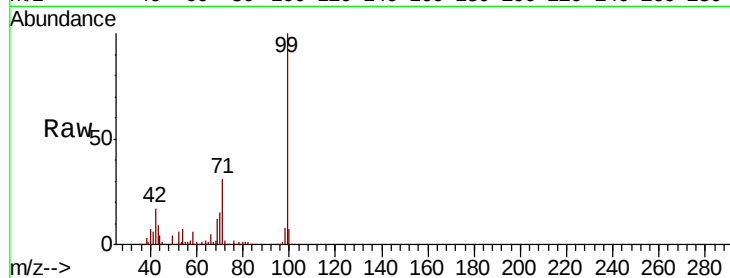
Tot Ion: 99 Resp: 599579

Ion Ratio Lower Upper

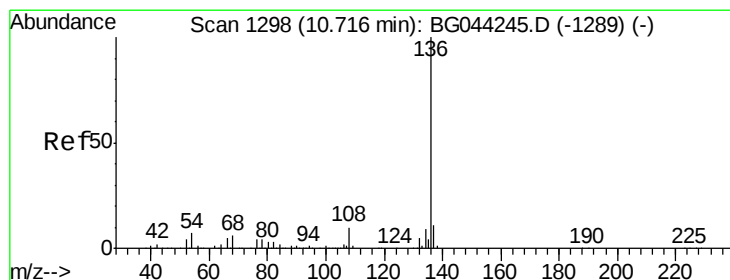
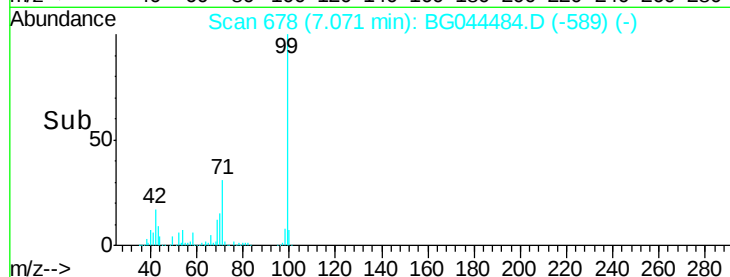
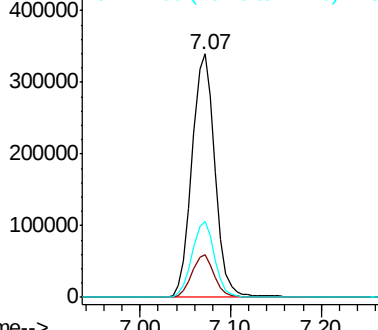
99 100

42 17.4 13.8 20.6

71 31.2 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: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044484.D

Acq: 18 Feb 2020 22:36

Tgt Ion: 136 Resp: 284015

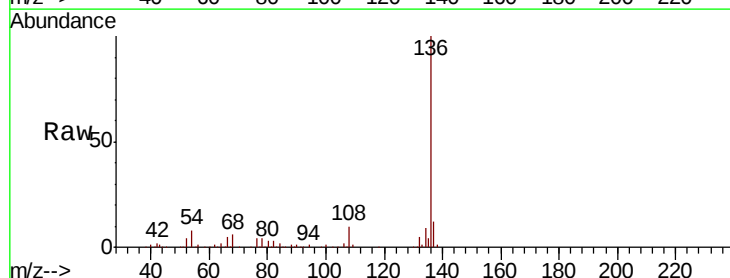
Ion Ratio Lower Upper

136 100

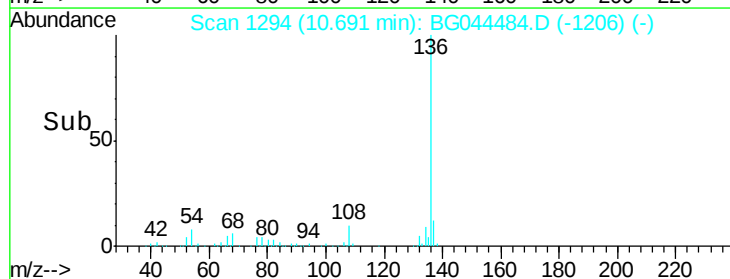
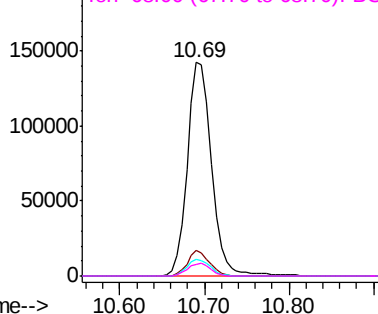
137 11.9 8.8 13.2

54 7.8 5.8 8.8

68 5.7 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

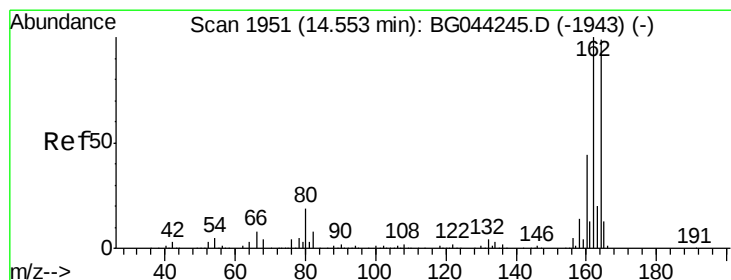
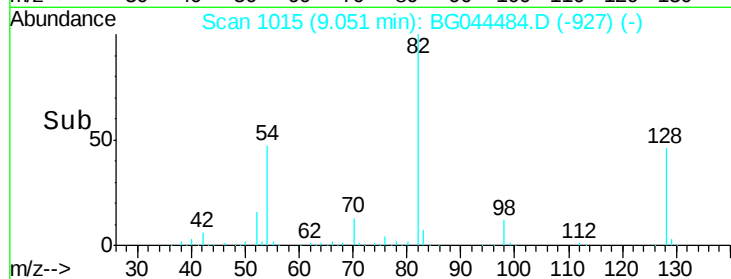
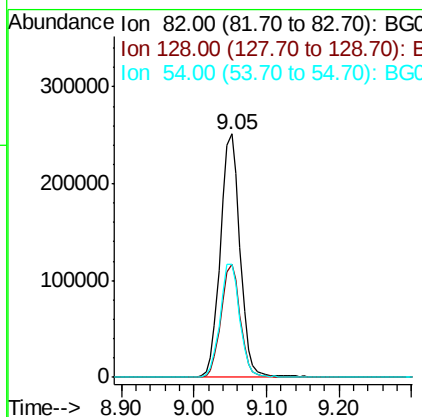
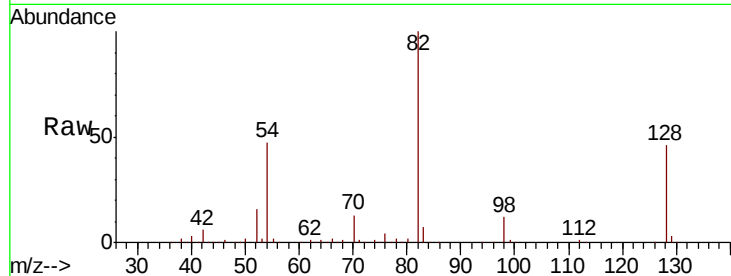




#23
 Nitrobenzene-d5
 Concen: 94.597 ng
 RT: 9.05 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG044484.D
 Acq: 18 Feb 2020 22:36

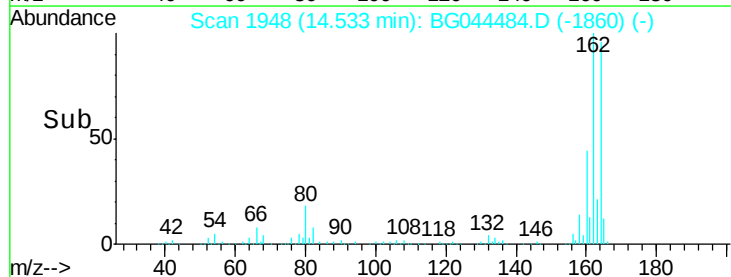
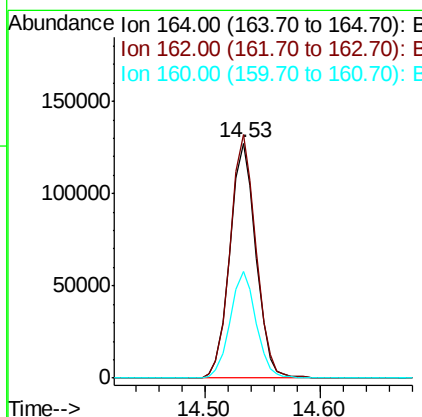
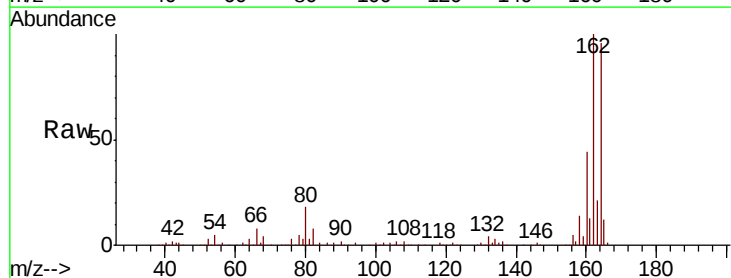
Instrument :
 BNA_G
 ClientSampleId :
 PB126892TB

Tot Ion	82	Resp	475888
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
82	46.3		
128	46.5		
54	38.6		



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG044484.D
 Acq: 18 Feb 2020 22:36

Tgt Ion	164	Resp	199036
Ion Ratio	100		
Lower	80.7		
Upper	121.1		
164	103.7		
162	45.2		
160	35.3		

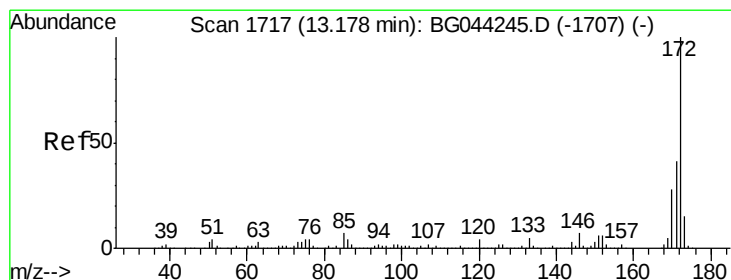
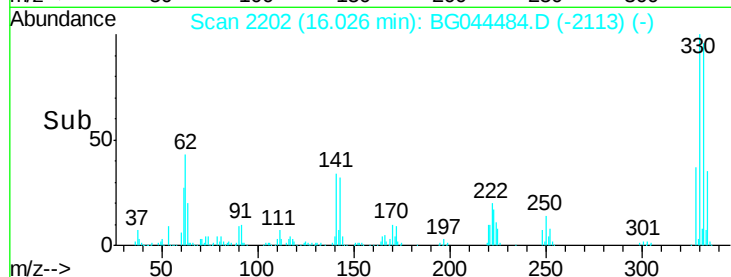
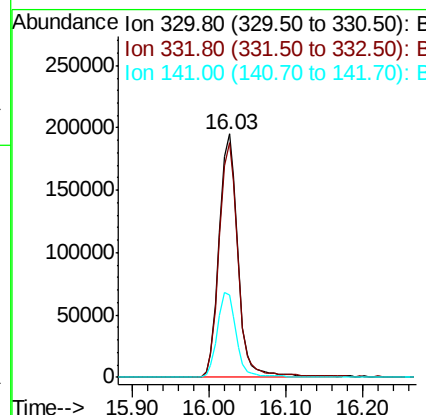
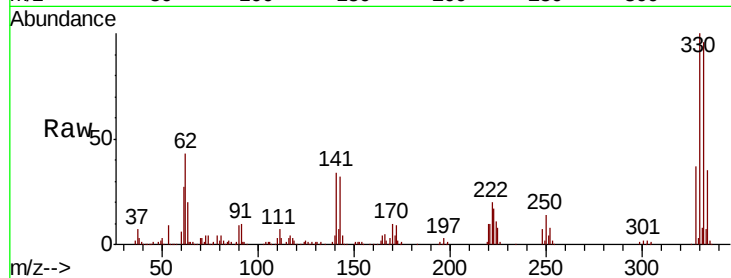




#42
 2,4,6-Tribromophenol
 Concen: 141.694 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BG044484.D
 Acq: 18 Feb 2020 22:36

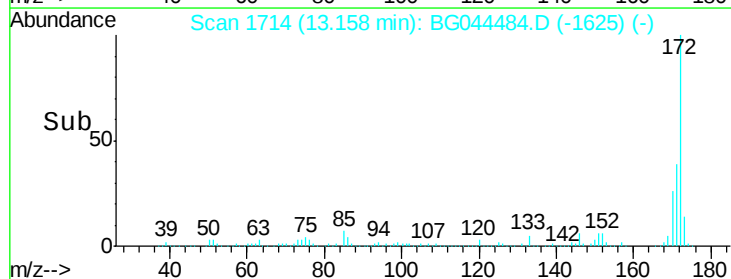
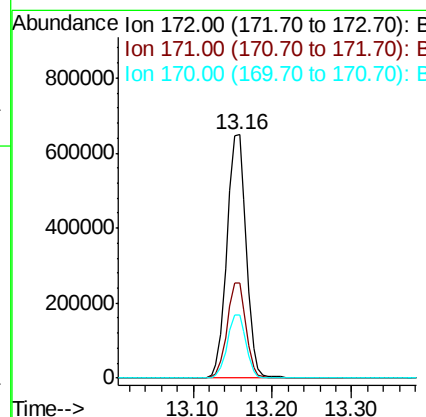
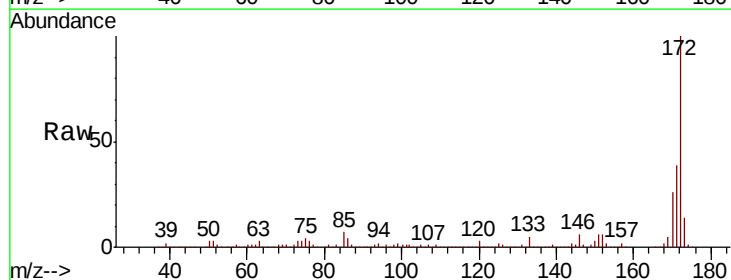
Instrument :
 BNA_G
 ClientSampleId :
 PB126892TB

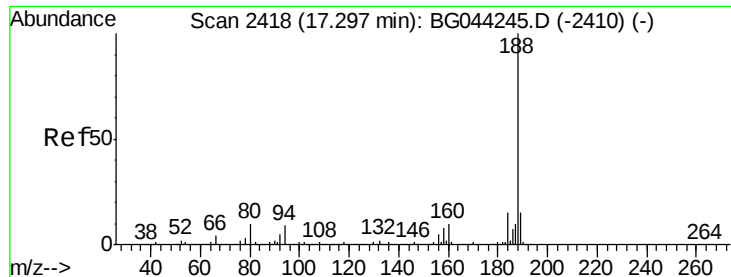
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	35.2	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 91.844 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG044484.D
 Acq: 18 Feb 2020 22:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.9	49.3
170	26.1	22.0	33.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044484.D

Acq: 18 Feb 2020 22:36

Instrument :

BNA_G

ClientSampleId :

PB126892TB

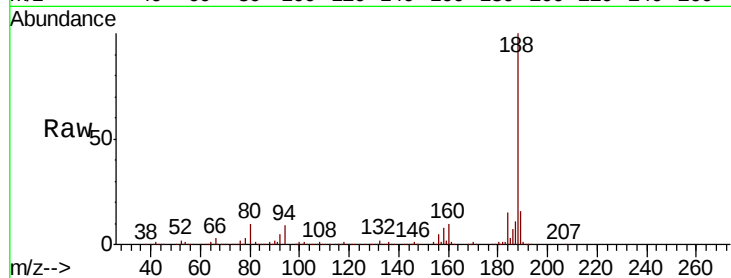
Tot Ion:188 Resp: 430251

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

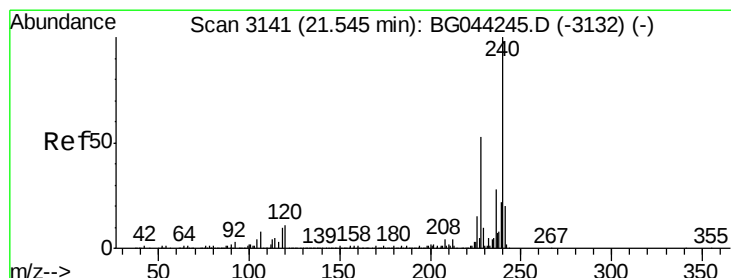
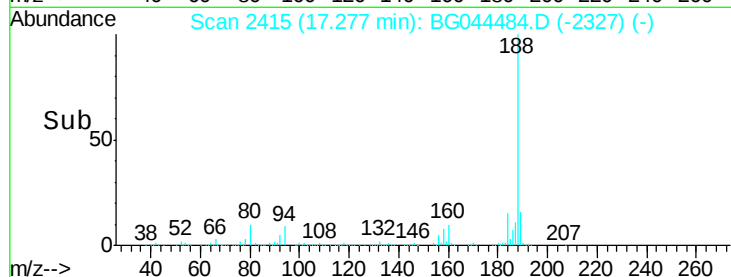
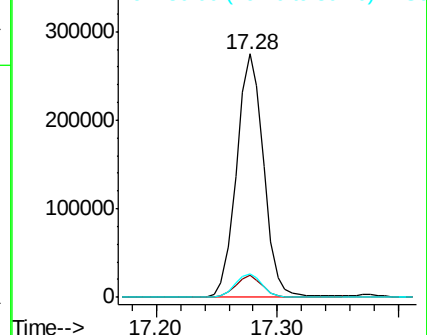
80 9.6 7.7 11.5



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: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044484.D

Acq: 18 Feb 2020 22:36

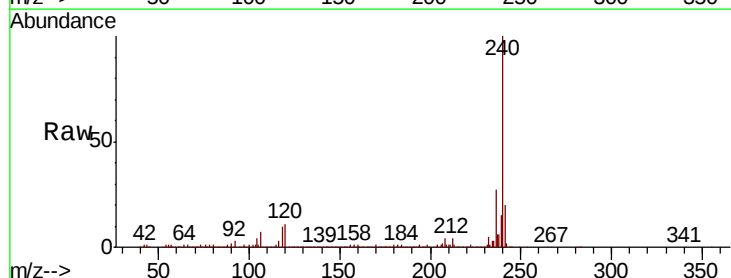
Tgt Ion:240 Resp: 393632

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

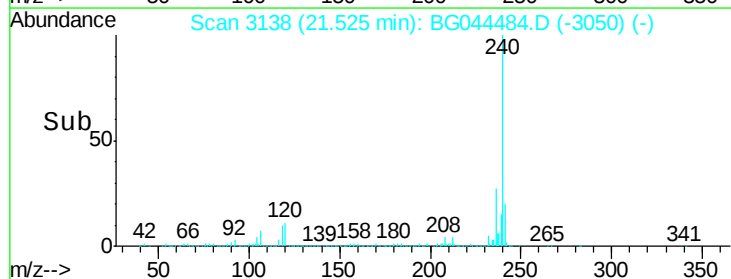
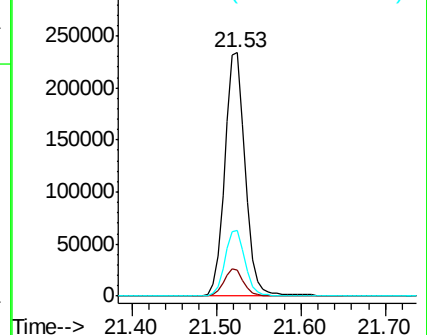
236 27.1 22.1 33.1

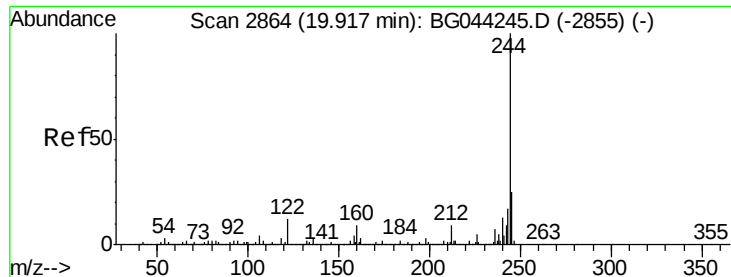


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

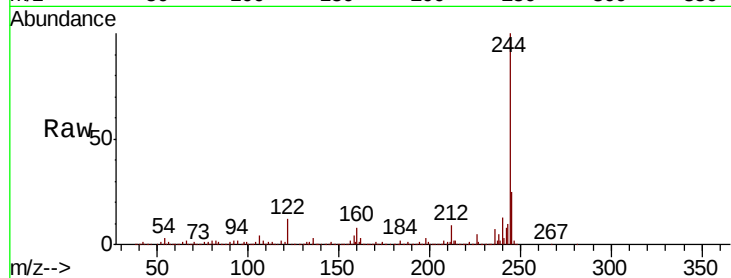




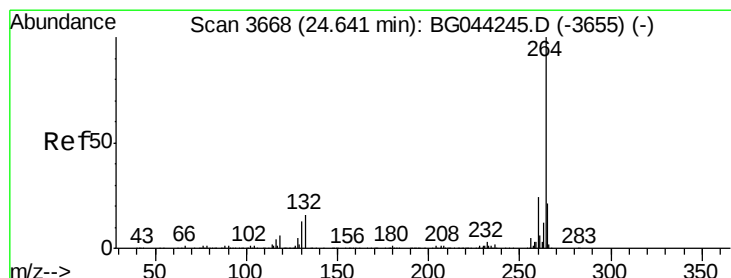
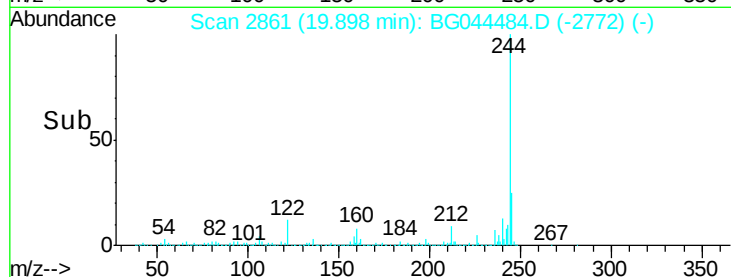
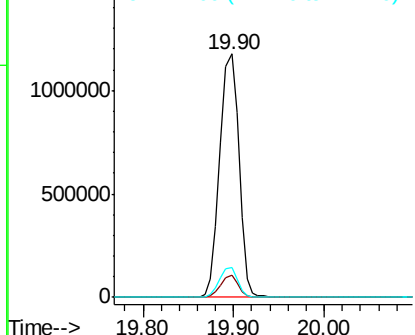
#79
 Terphenyl-d14
 Concen: 90.875 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG044484.D
 Acq: 18 Feb 2020 22:36

Instrument :
 BNA_G
 ClientSampleId :
 PB126892TB

Tot Ion:244 Resp: 1739112
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.4 11.2
 122 12.0 9.8 14.6

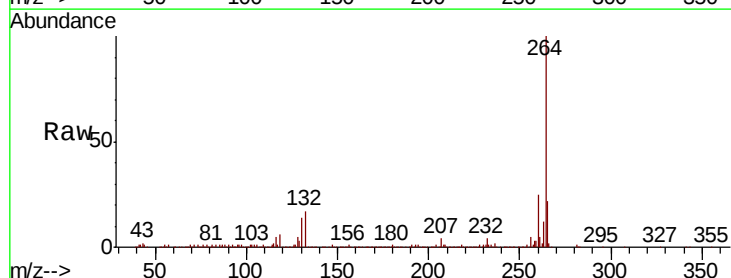


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.60 min Scan# 3662
 Delta R.T. -0.02 min
 Lab File: BG044484.D
 Acq: 18 Feb 2020 22:36

Tgt Ion:264 Resp: 426665
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.4 29.2
 265 21.6 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

