

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044095.D
 Acq On : 20 Jan 2020 13:08
 Operator : JU
 Sample : PB126166BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126166BL

Quant Time: Jan 21 06:20:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	91793	20.00	ng	-0.03
21) Naphthalene-d8	10.74	136	416072	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	280379	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	557104	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	477241	20.00	ng	-0.03
87) Perylene-d12	24.67	264	531080	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	597797	119.58	ng	-0.02
7) Phenol-d6	7.11	99	878108	125.66	ng	-0.02
23) Nitrobenzene-d5	9.09	82	494380	63.56	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	328021	111.80	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1234304	79.76	ng	-0.03
79) Terphenyl-d14	19.93	244	1747771	89.54	ng	-0.03

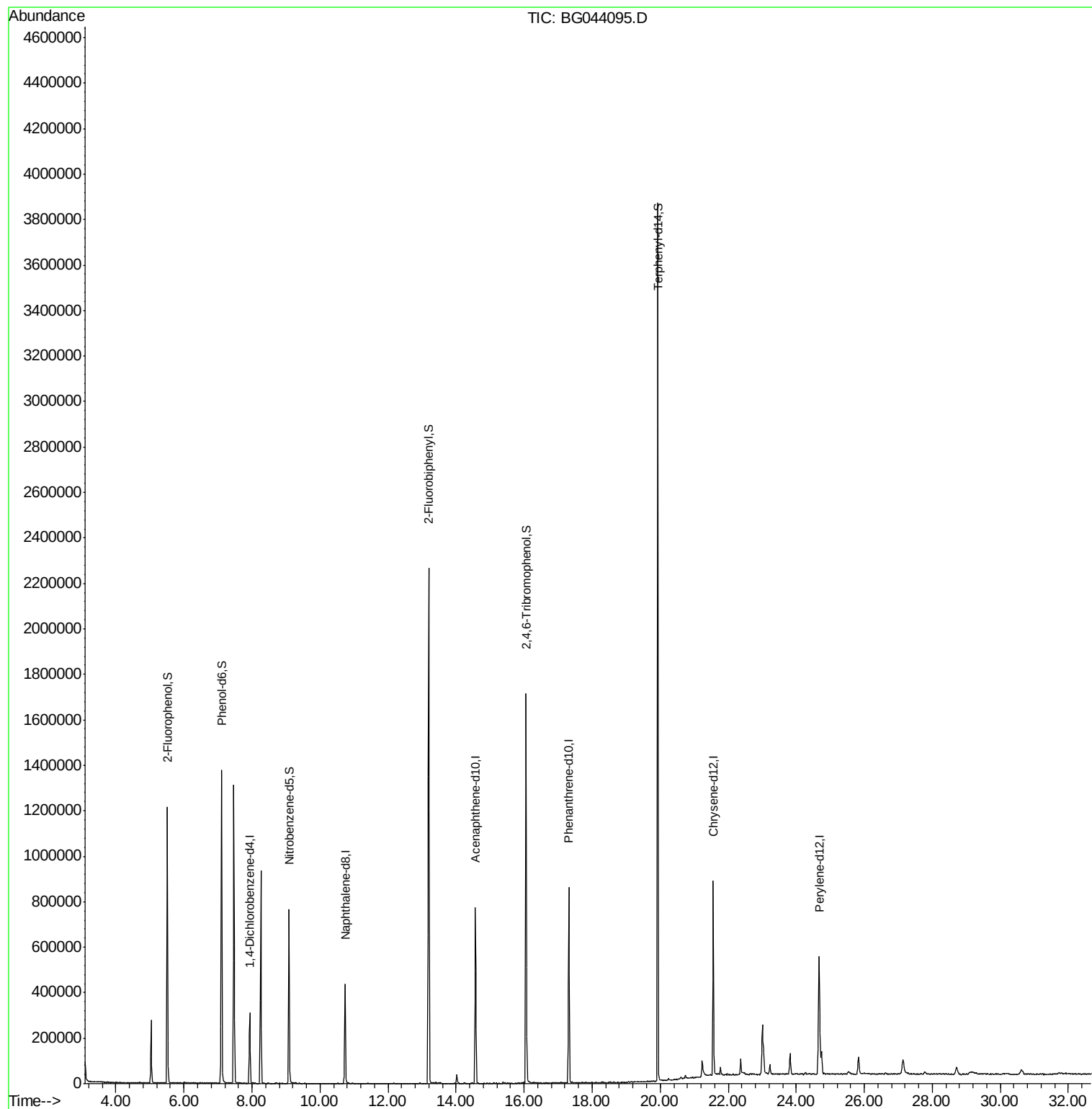
Target Compounds Qvalue

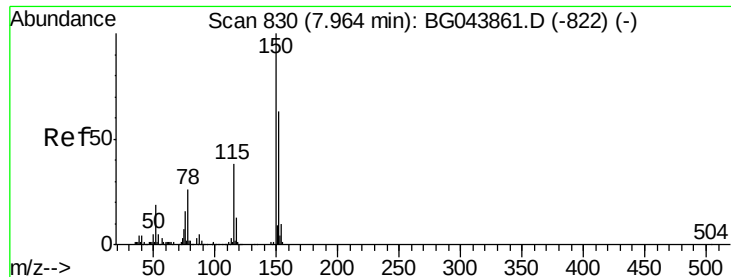
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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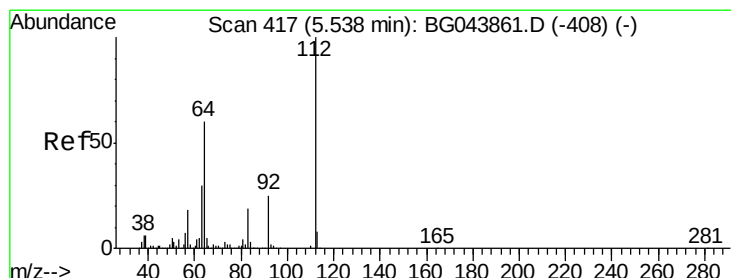
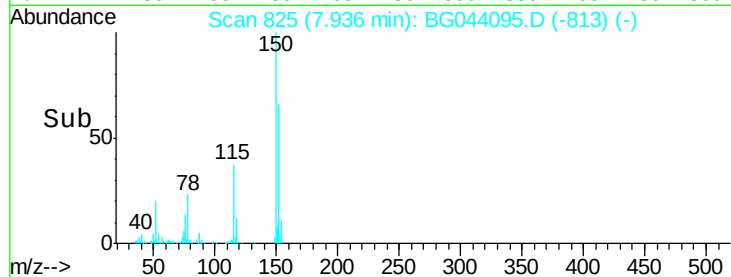
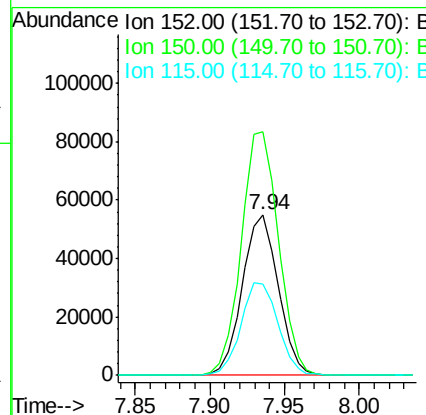
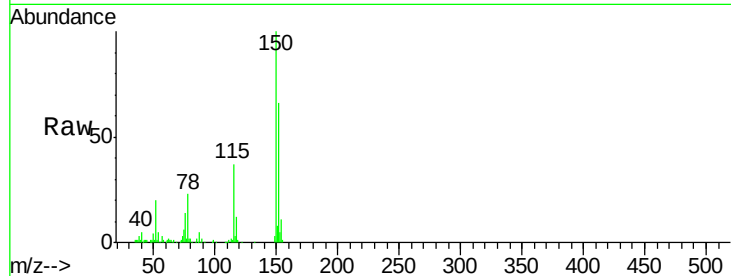


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.03 min
Lab File: BG044095.D
Acq: 20 Jan 2020 13:08

Instrument :
BNA_G
ClientSampleId :
PB126166BL

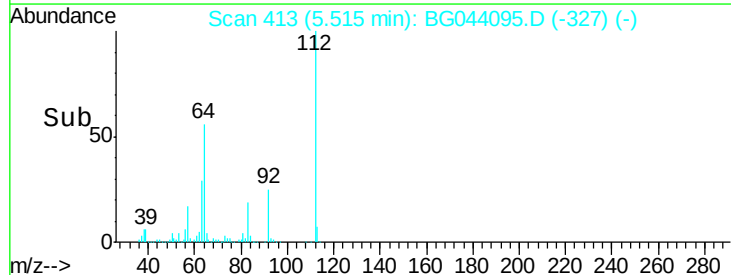
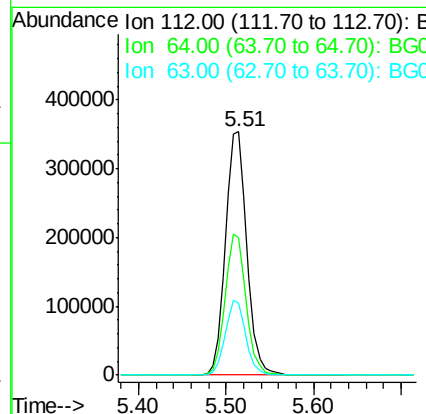
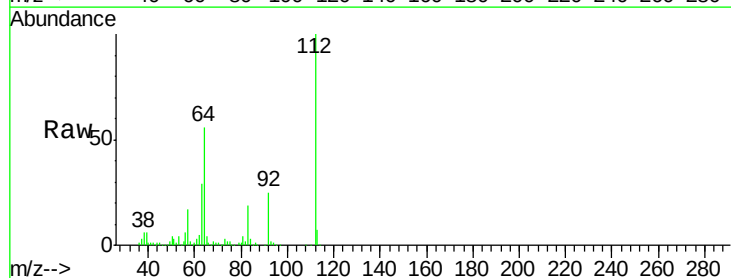
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	127.0	190.4
115	56.5	47.8	71.8

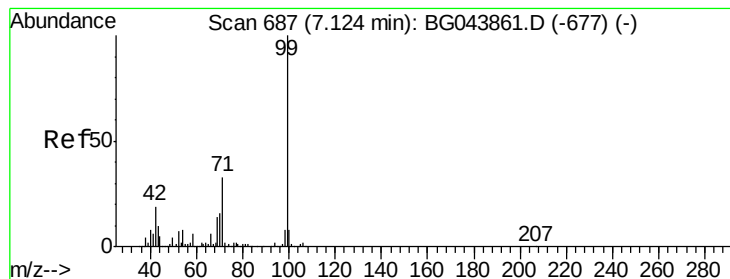


#5

2-Fluorophenol
Concen: 119.576 ng
RT: 5.51 min Scan# 413
Delta R.T. -0.02 min
Lab File: BG044095.D
Acq: 20 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.8	71.6
63	29.4	24.3	36.5





#7

Phenol-d6

Concen: 125.658 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044095.D

Acq: 20 Jan 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB126166BL

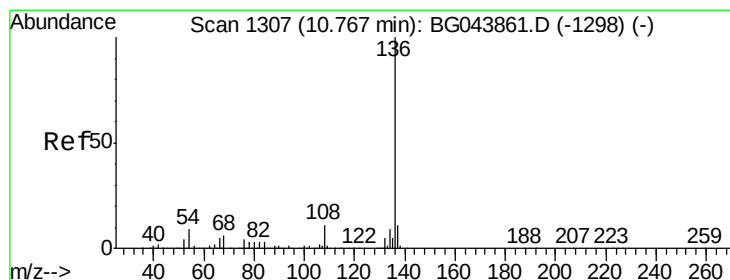
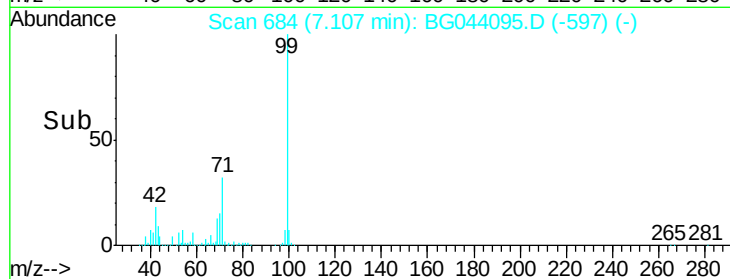
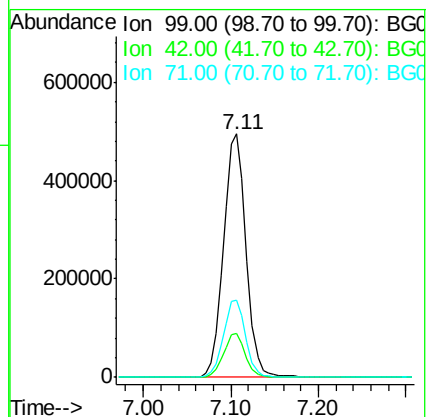
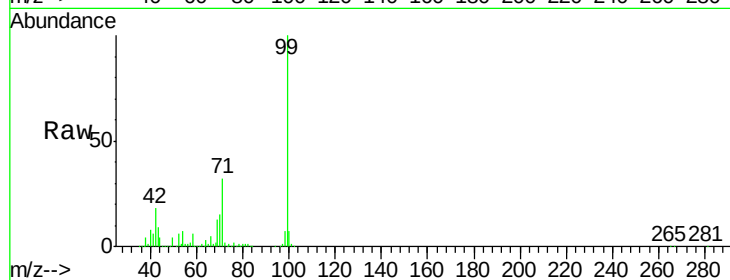
Tot Ion: 99 Resp: 878108

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

71 31.9 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.74 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BG044095.D

Acq: 20 Jan 2020 13:08

Tgt Ion: 136 Resp: 416072

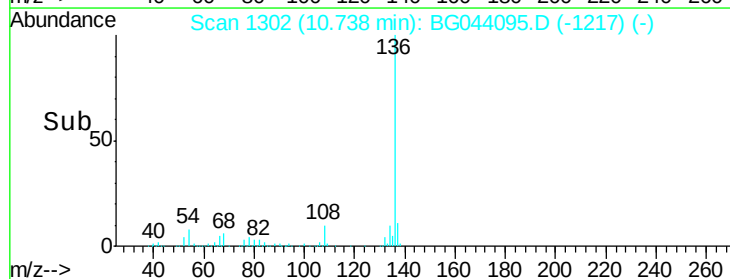
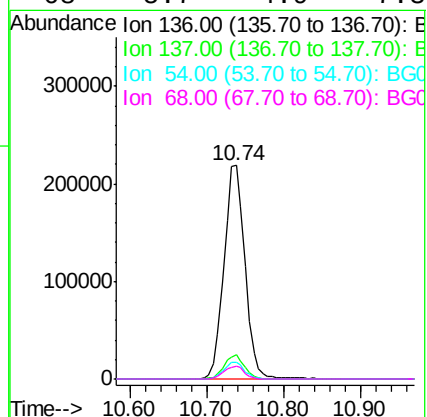
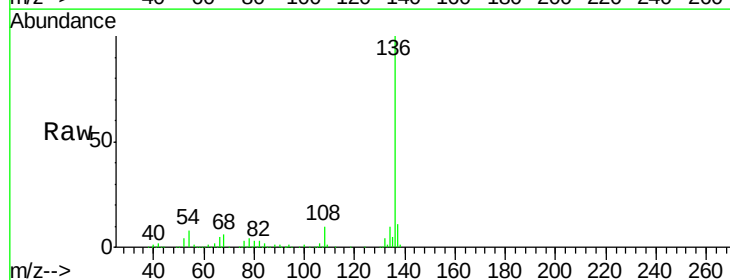
Ion Ratio Lower Upper

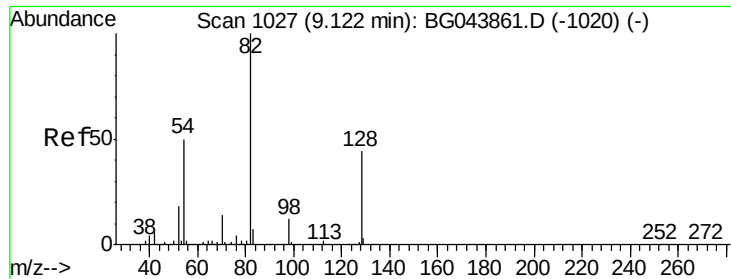
136 100

137 11.3 8.8 13.2

54 7.9 7.0 10.4

68 5.7 4.9 7.3

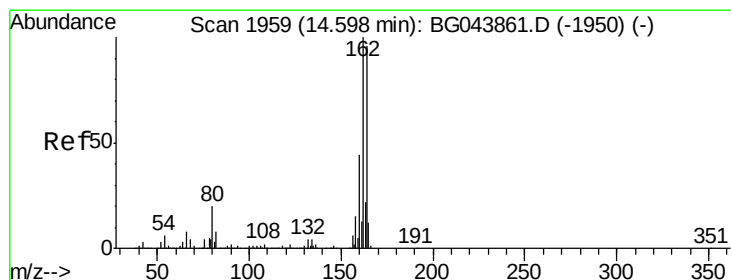
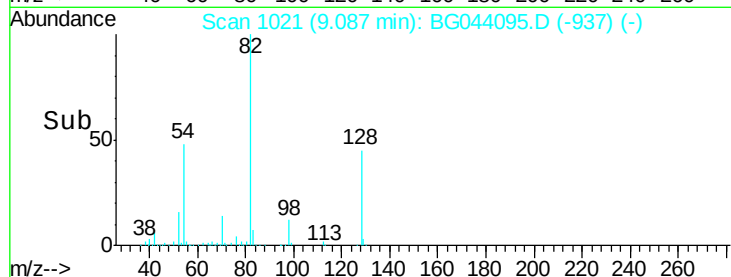
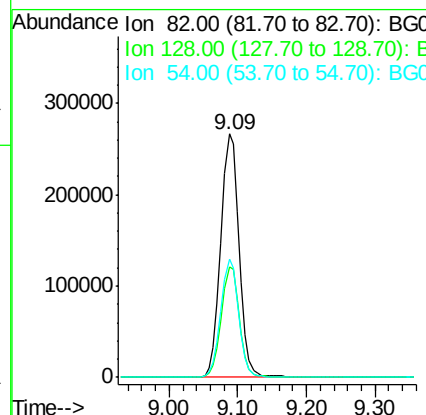
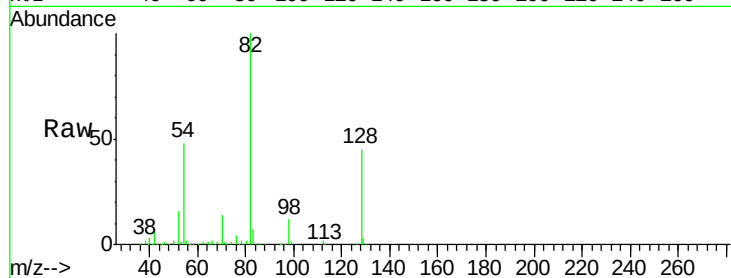




#23
 Nitrobenzene-d5
 Concen: 63.564 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.03 min
 Lab File: BG044095.D
 Acq: 20 Jan 2020 13:08

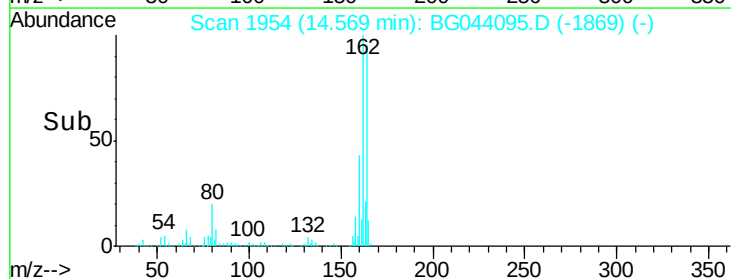
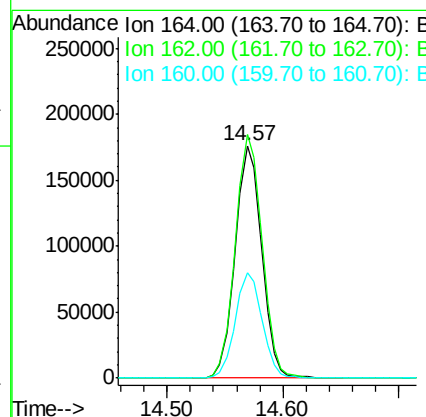
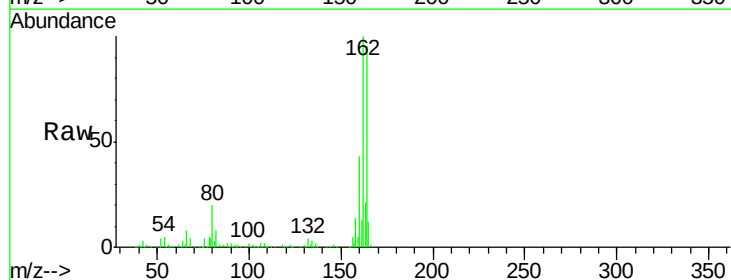
Instrument :
 BNA_G
 ClientSampleId :
 PB126166BL

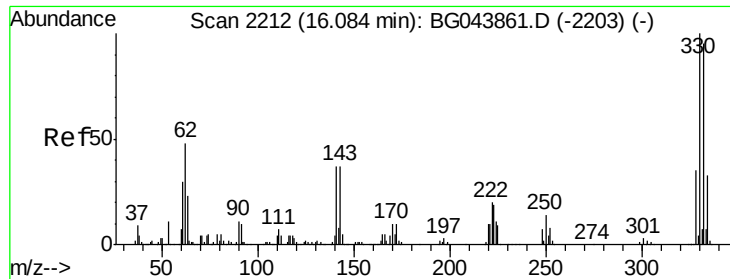
Tot Ion	82	Resp	494380
Ion Ratio	Lower	Upper	
82	100		
128	45.1	35.1	52.7
54	48.4	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BG044095.D
 Acq: 20 Jan 2020 13:08

Tgt Ion	164	Resp	280379
Ion Ratio	Lower	Upper	
164	100		
162	104.9	83.0	124.4
160	45.2	36.1	54.1

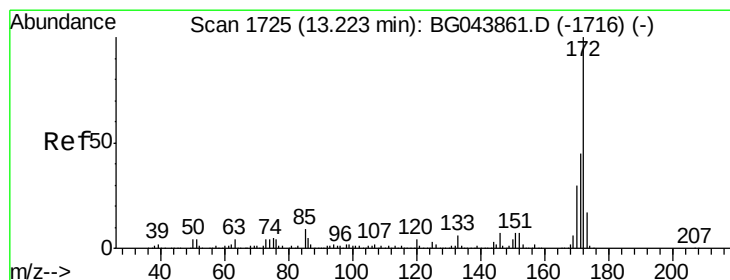
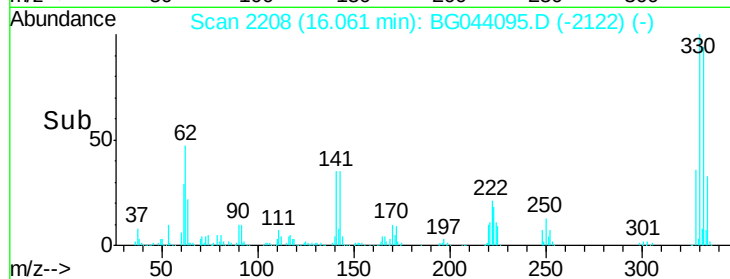
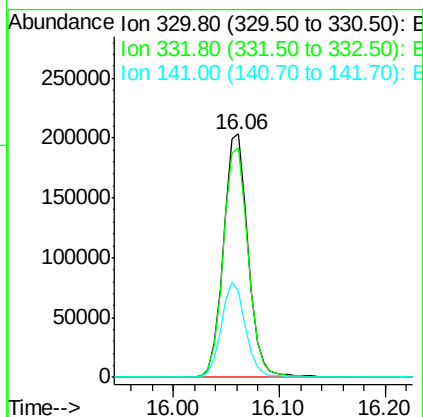
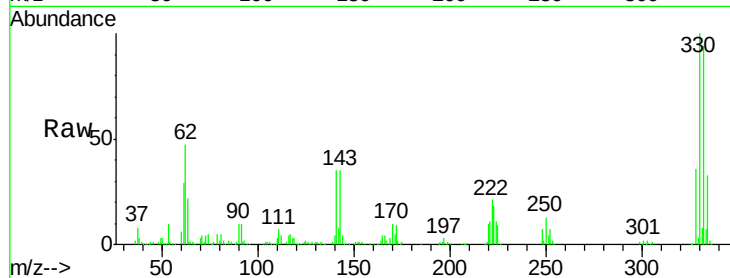




#42
 2,4,6-Tribromophenol
 Concen: 111.796 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BG044095.D
 Acq: 20 Jan 2020 13:08

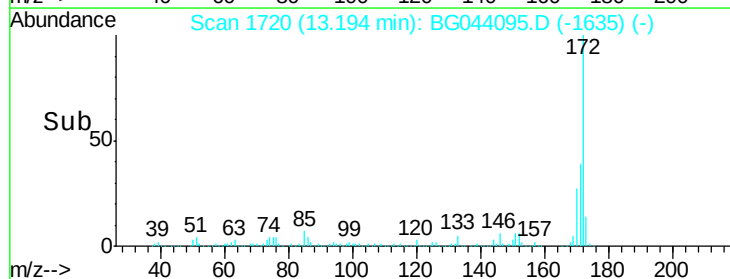
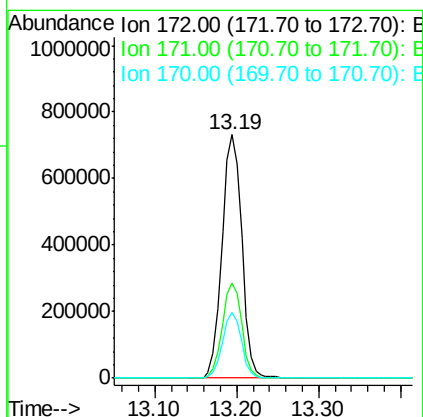
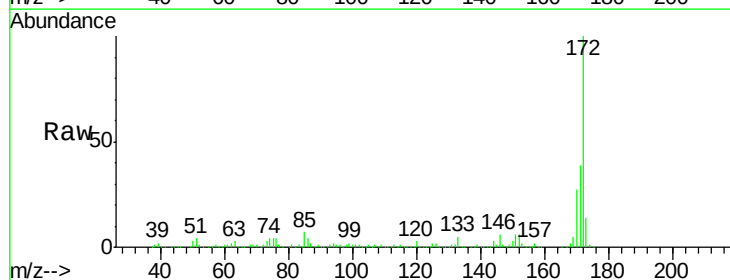
Instrument :
 BNA_G
 ClientSampled :
 PB126166BL

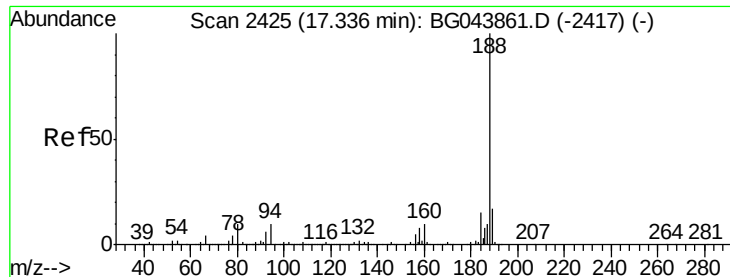
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	38.6	33.1	49.7



#45
 2-Fluorobiphenyl
 Concen: 79.759 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG044095.D
 Acq: 20 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	35.8	53.8
170	26.8	24.2	36.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044095.D

Acq: 20 Jan 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB126166BL

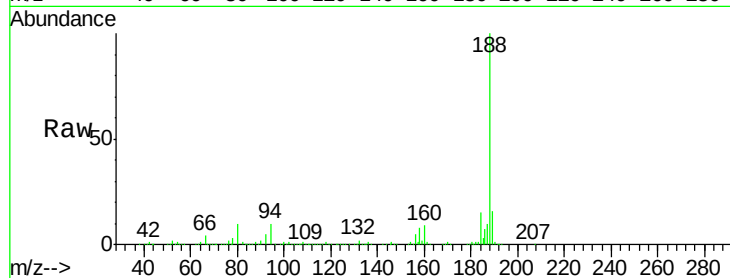
Tot Ion:188 Resp: 557104

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

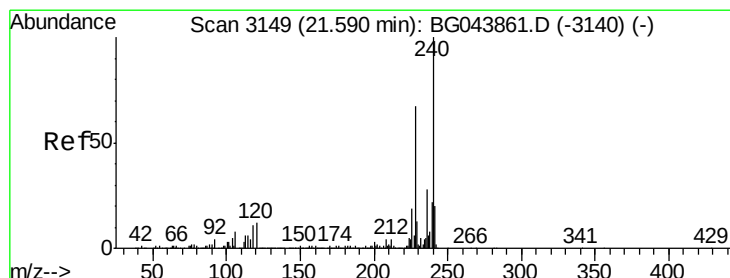
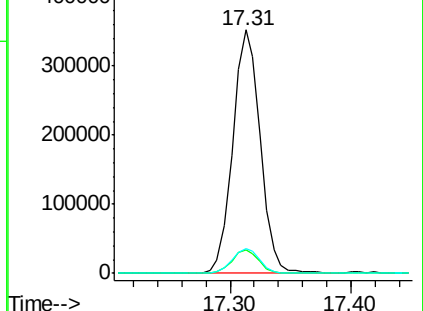
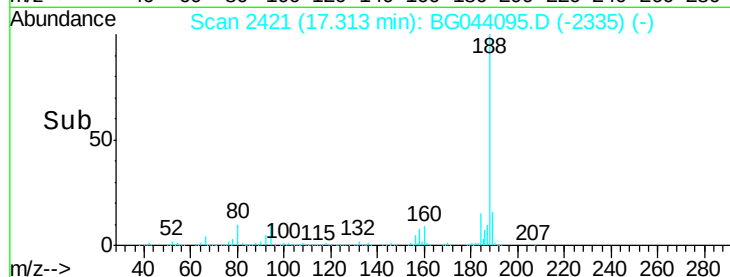
80 10.2 8.2 12.4



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: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044095.D

Acq: 20 Jan 2020 13:08

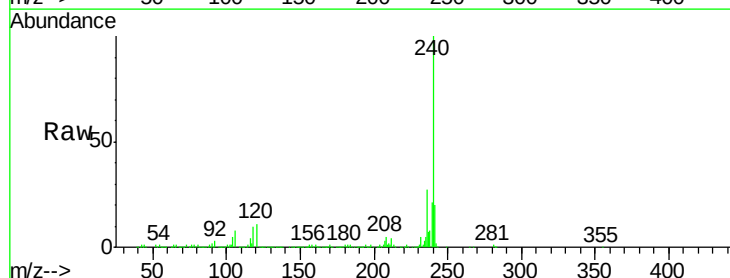
Tgt Ion:240 Resp: 477241

Ion Ratio Lower Upper

240 100

120 11.1 9.6 14.4

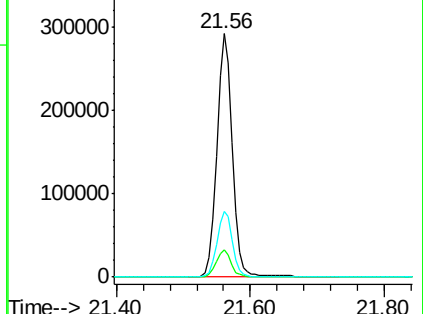
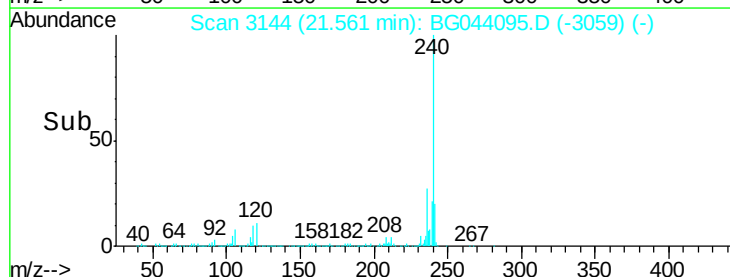
236 27.1 22.2 33.2

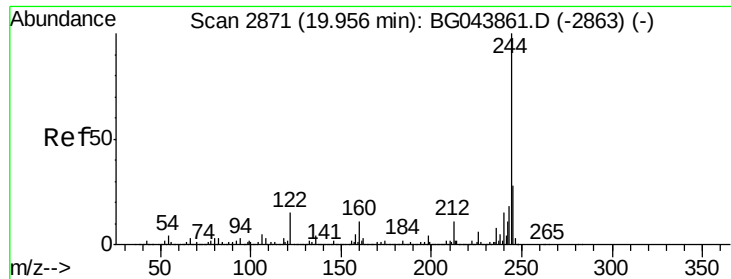


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.540 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044095.D

Acq: 20 Jan 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB126166BL

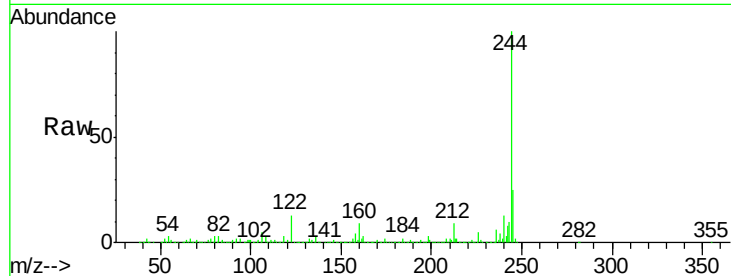
Tot Ion:244 Resp: 1747771

Ion Ratio Lower Upper

244 100

212 9.0 8.6 13.0

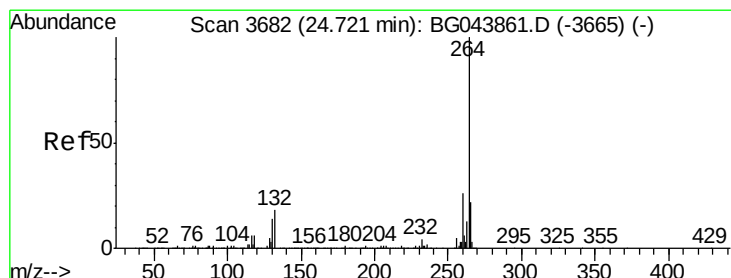
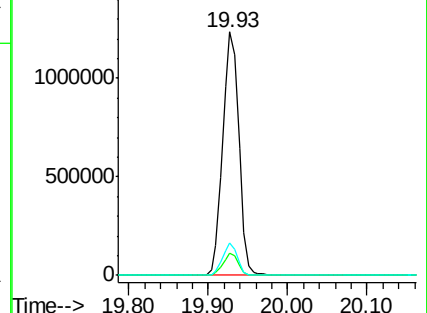
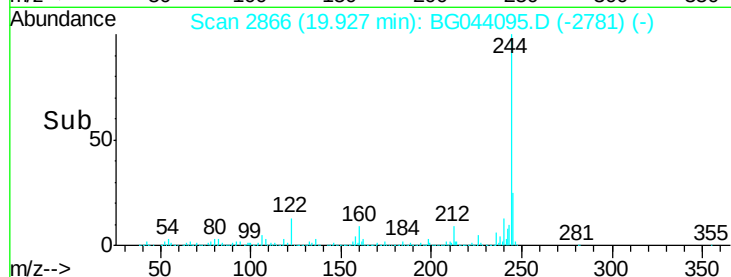
122 13.1 11.9 17.9



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: 24.67 min Scan# 3674

Delta R.T. -0.05 min

Lab File: BG044095.D

Acq: 20 Jan 2020 13:08

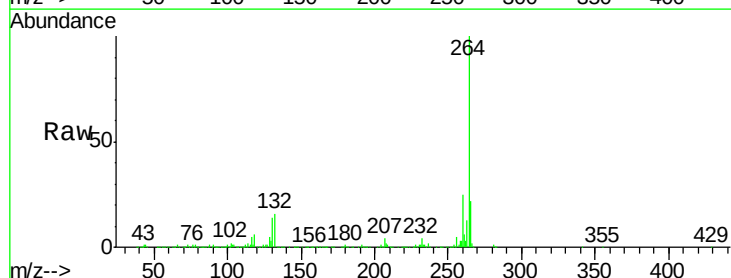
Tgt Ion:264 Resp: 531080

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 22.0 17.4 26.2



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

