

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044312.D
 Acq On : 5 Feb 2020 20:04
 Operator : CG/JU
 Sample : PB126601BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BL

Quant Time: Feb 06 02:43:33 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

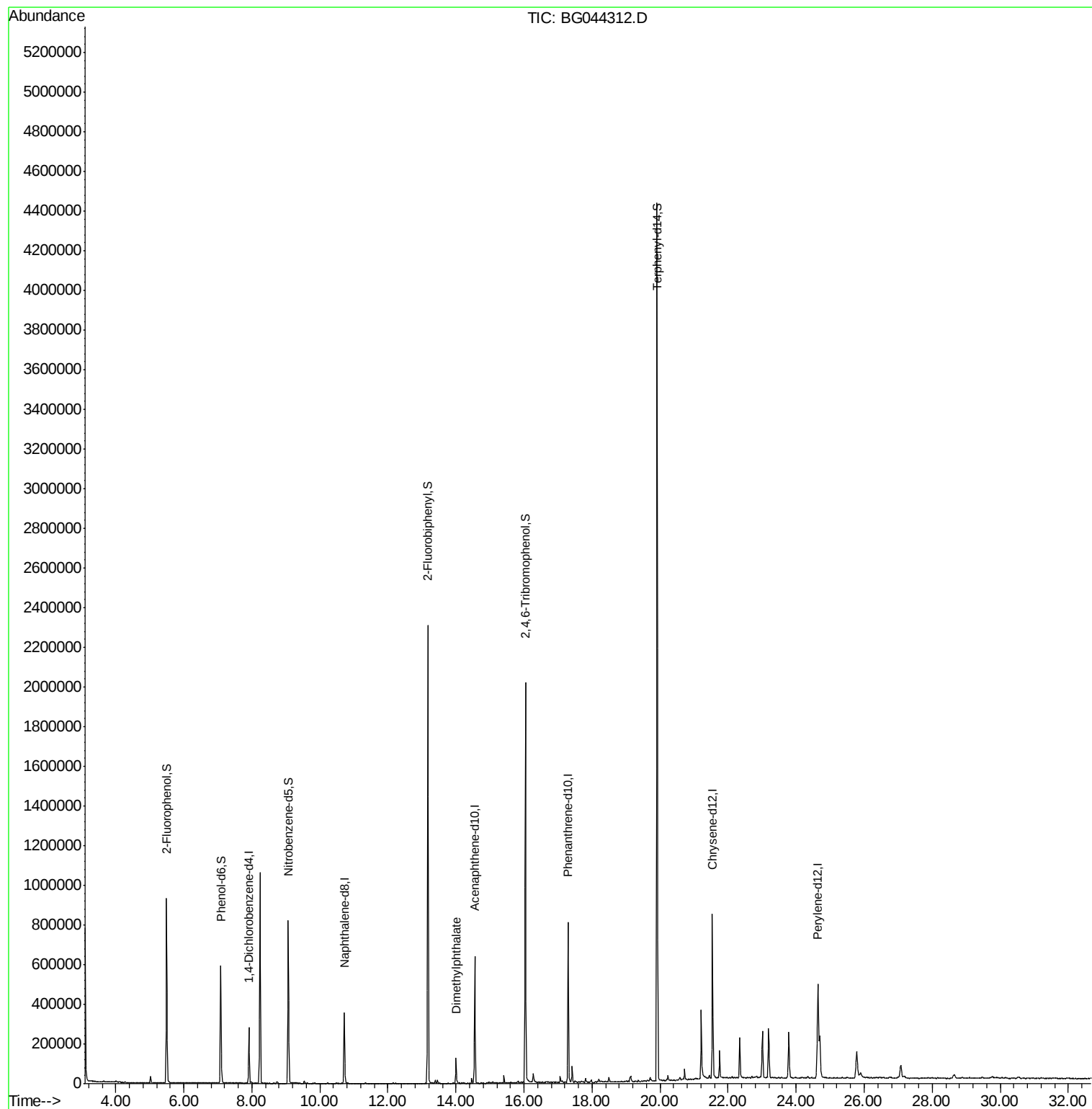
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	83523	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	339192	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	232459	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	535288	20.00	ng	0.00
76) Chrysene-d12	21.54	240	482299	20.00	ng	0.00
87) Perylene-d12	24.64	264	534364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	461340	97.48	ng	0.00
7) Phenol-d6	7.09	99	390329	61.42	ng	0.00
23) Nitrobenzene-d5	9.07	82	542165	90.24	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	381351	139.74	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1254505	90.37	ng	0.00
79) Terphenyl-d14	19.91	244	2047336	87.31	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	97463	5.833	ng	Qvalue 99

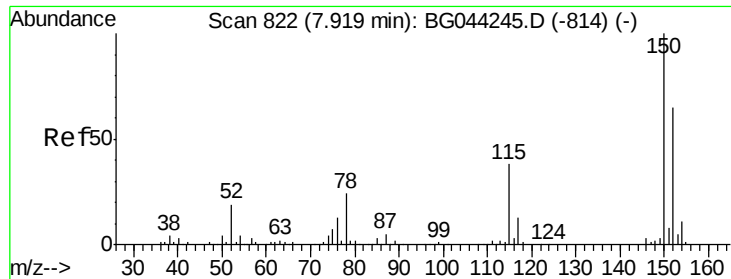
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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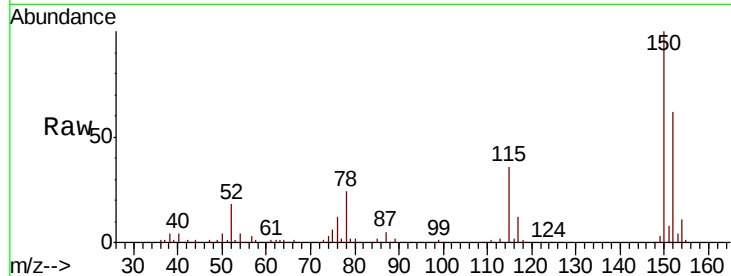


#1

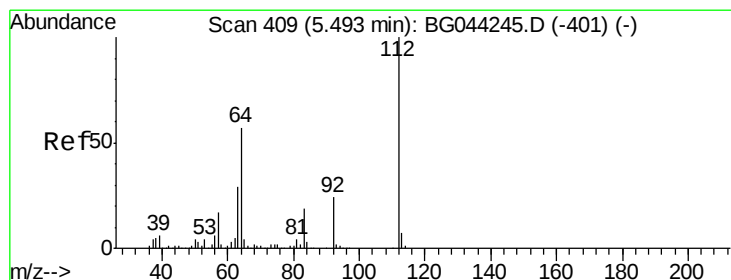
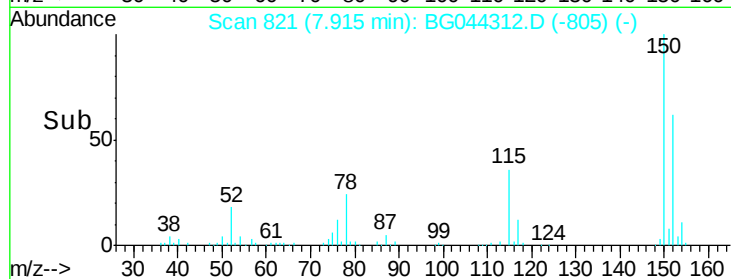
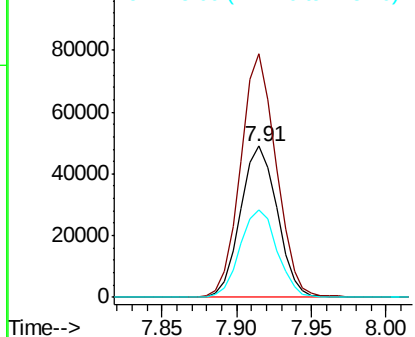
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG044312.D
 Acq: 5 Feb 2020 20:04

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	122.6	183.8
115	57.6	46.0	69.0



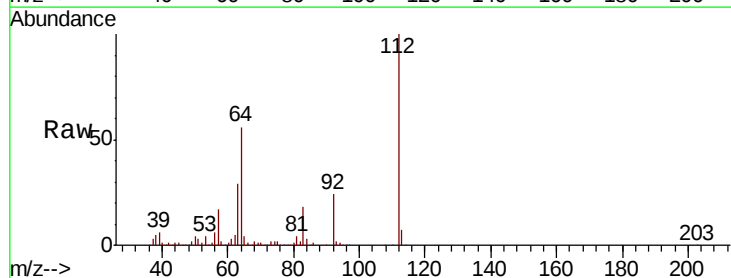
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



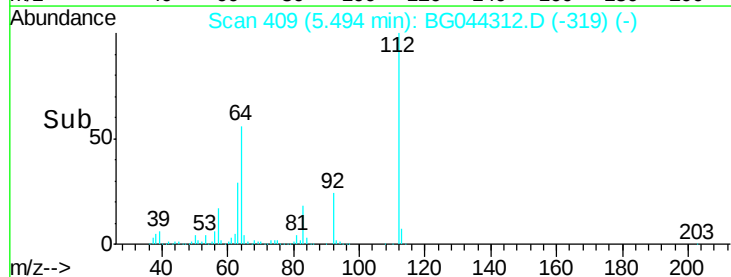
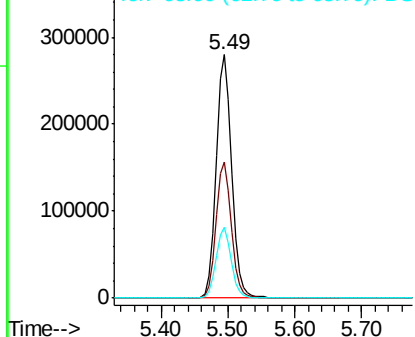
#5

2-Fluorophenol
 Concen: 97.481 ng
 RT: 5.49 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BG044312.D
 Acq: 5 Feb 2020 20:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.4	68.2
63	29.1	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: 61.419 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

PB126601BL

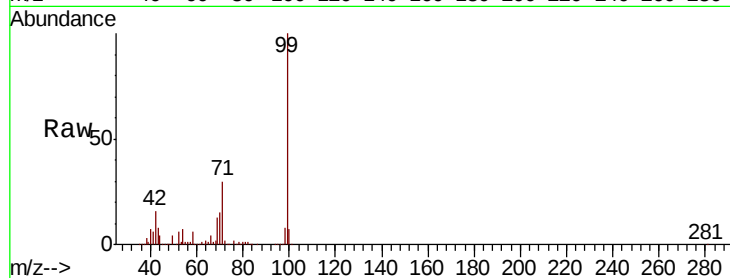
Tot Ion: 99 Resp: 390329

Ion Ratio Lower Upper

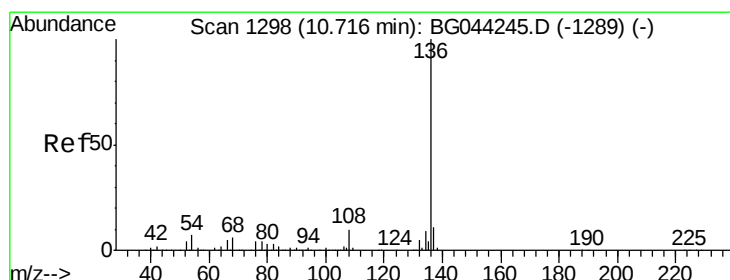
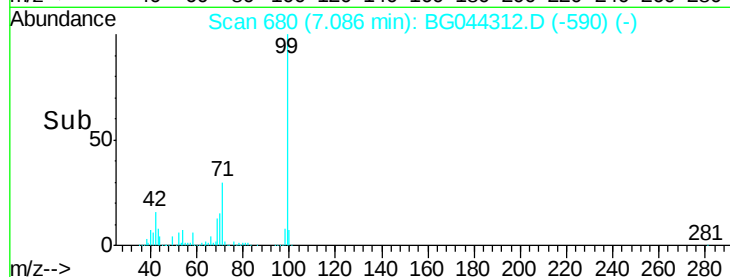
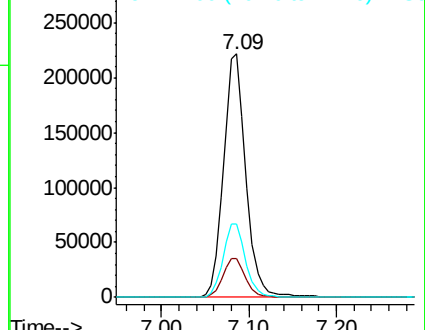
99 100

42 16.1 13.8 20.6

71 30.1 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# 1298

Delta R.T. 0.00 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

Tgt Ion: 136 Resp: 339192

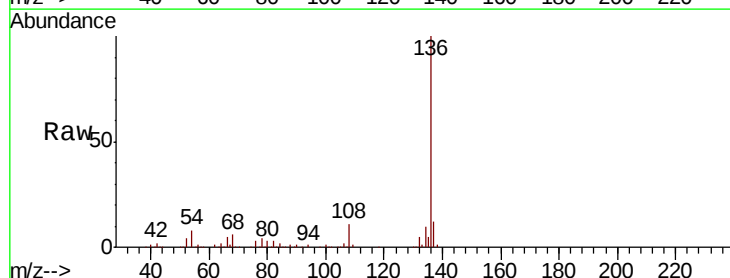
Ion Ratio Lower Upper

136 100

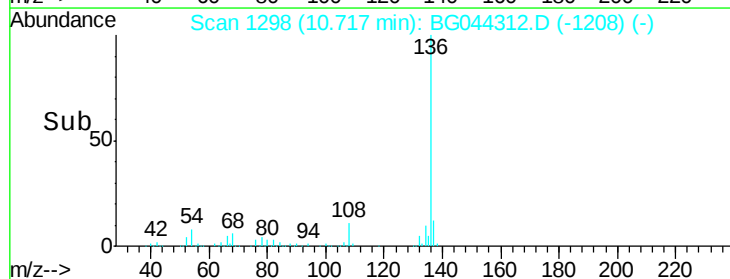
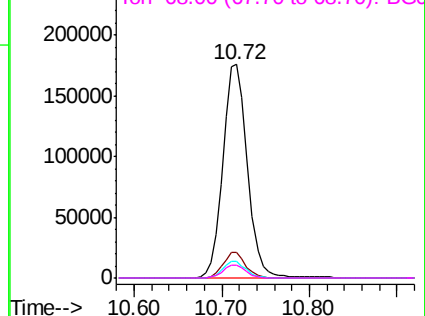
137 11.8 8.8 13.2

54 7.6 5.8 8.8

68 6.0 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

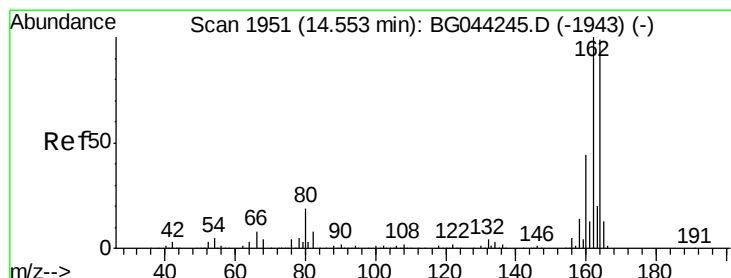
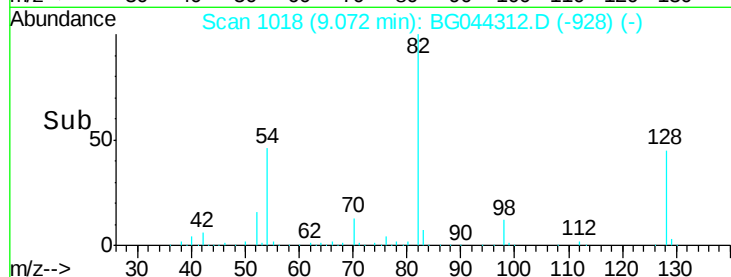
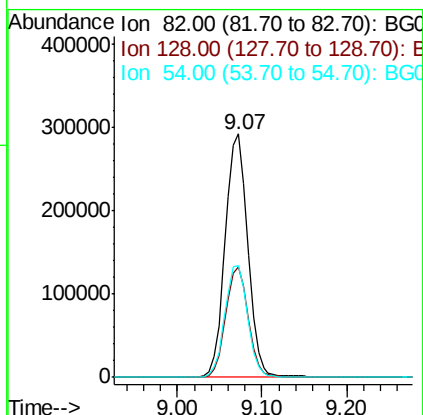
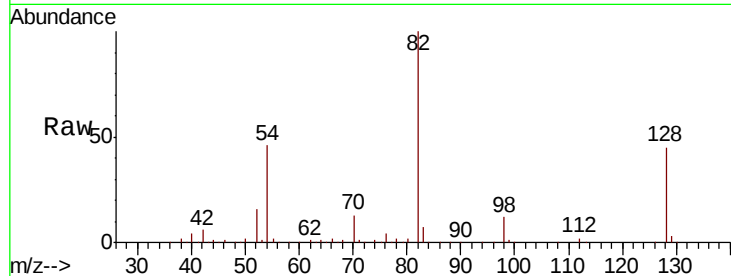




#23
 Nitrobenzene-d5
 Concen: 90.240 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG044312.D
 Acq: 5 Feb 2020 20:04

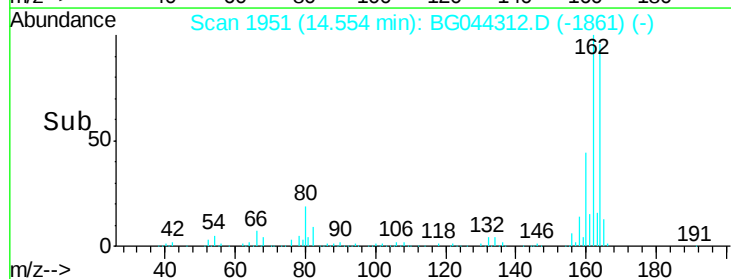
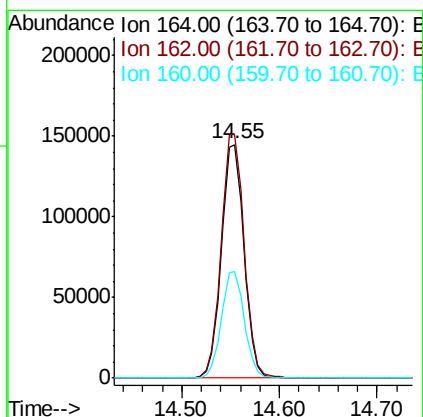
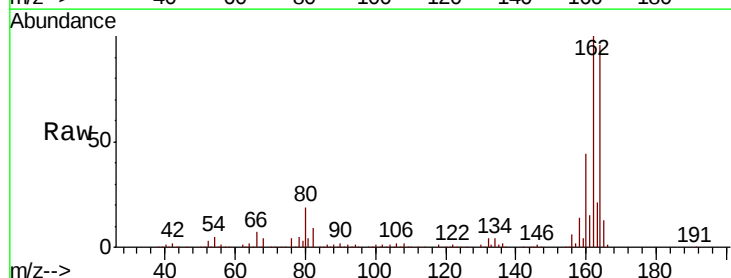
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BL

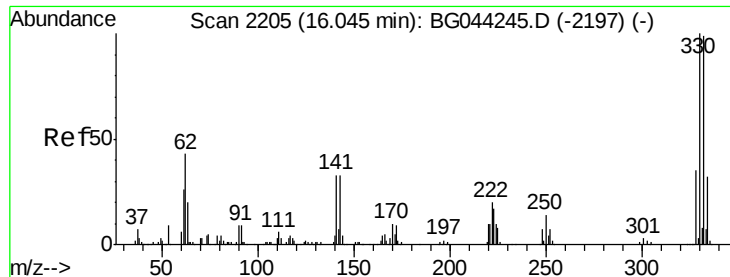
Tot Ion	82	Resp	542165
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.5	54.7
54	45.7	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG044312.D
 Acq: 5 Feb 2020 20:04

Tgt Ion	164	Resp	232459
Ion Ratio	Lower	Upper	
164	100		
162	104.1	80.7	121.1
160	45.5	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 139.744 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

PB126601BL

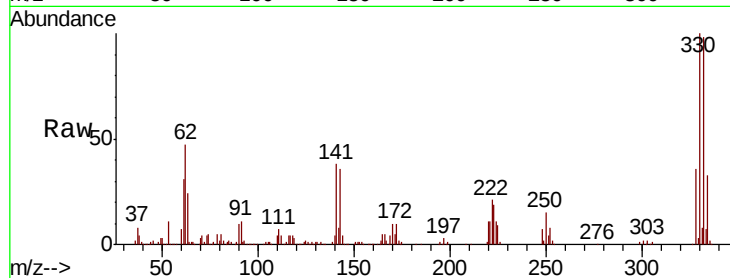
Tot Ion:330 Resp: 381351

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

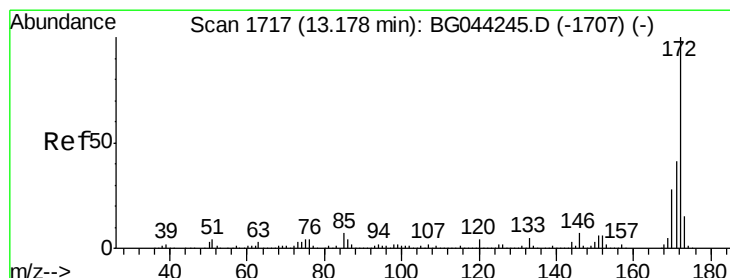
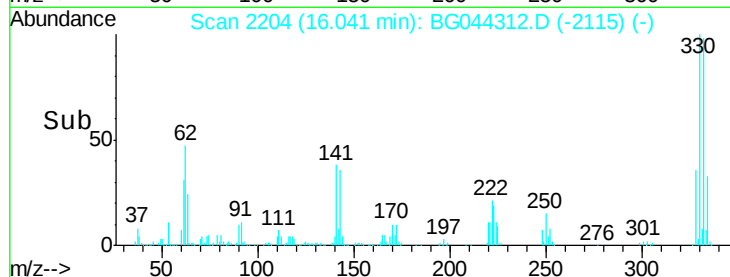
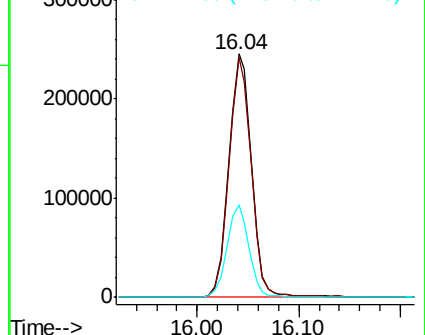
141 36.9 28.3 42.5



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: 90.370 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.00 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

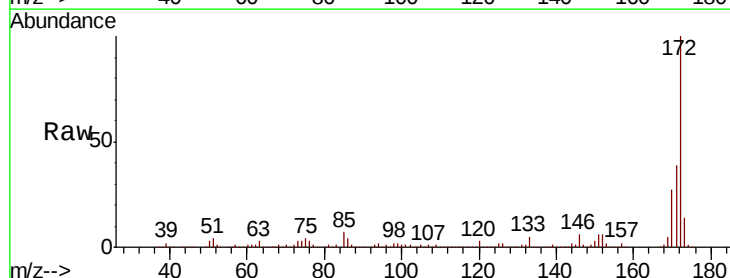
Tgt Ion:172 Resp: 1254505

Ion Ratio Lower Upper

172 100

171 38.6 32.9 49.3

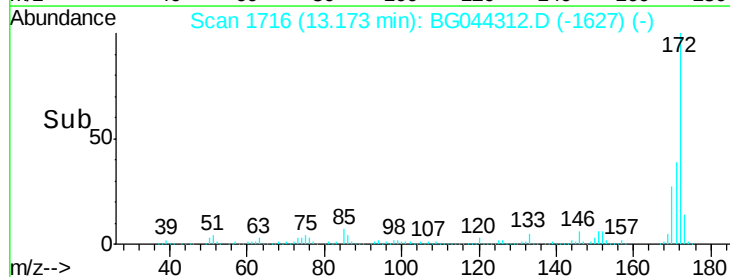
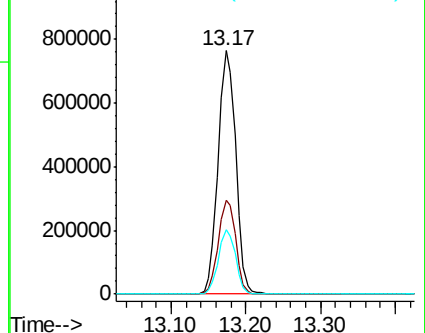
170 26.6 22.0 33.0



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: 5.833 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

PB126601BL

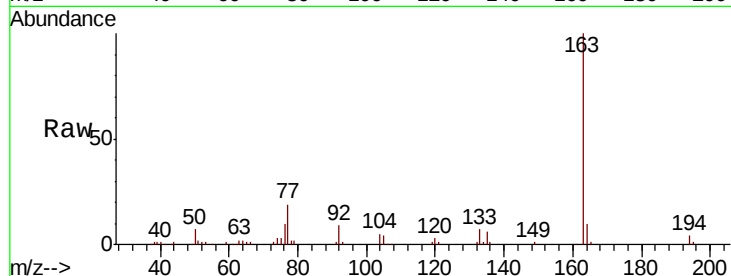
Tot Ion:163 Resp: 97463

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

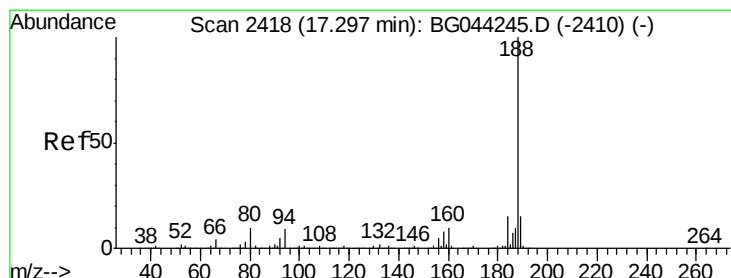
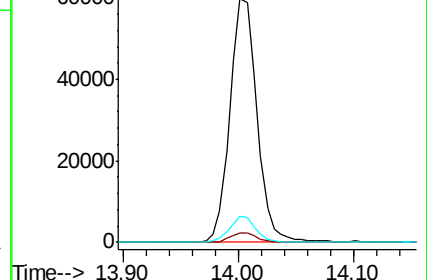
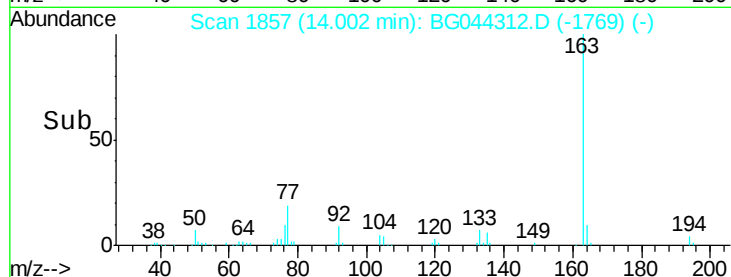
164 10.5 8.7 13.1



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: BG044312.D

Acq: 5 Feb 2020 20:04

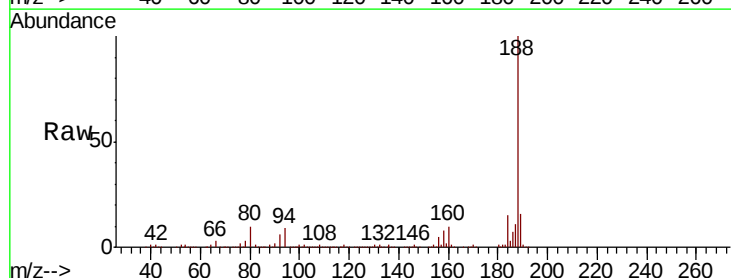
Tgt Ion:188 Resp: 535288

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

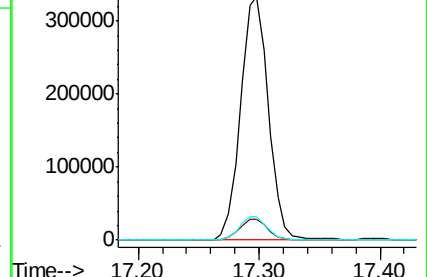
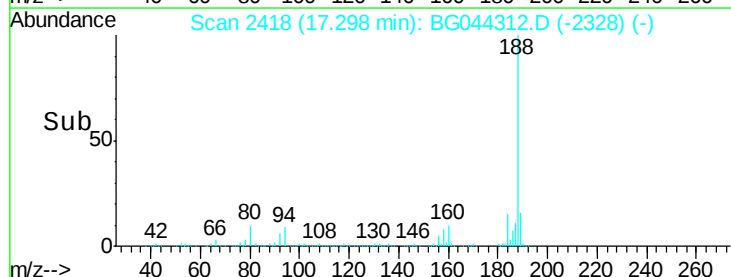
80 9.9 7.7 11.5



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# 3140

Delta R.T. -0.00 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

Instrument :

BNA_G

ClientSampleId :

PB126601BL

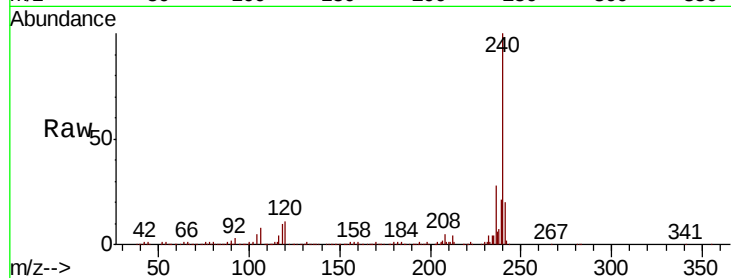
Tot Ion:240 Resp: 482299

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

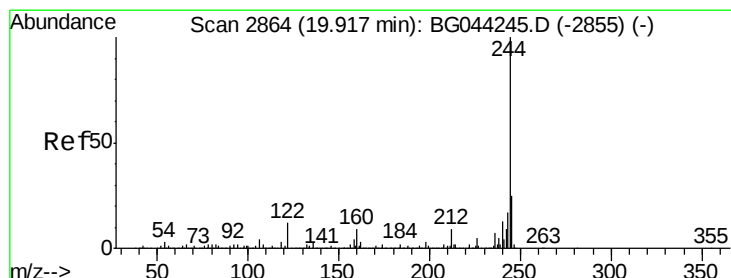
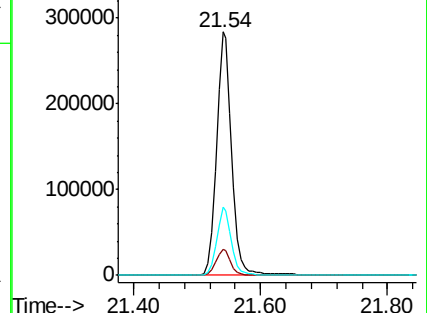
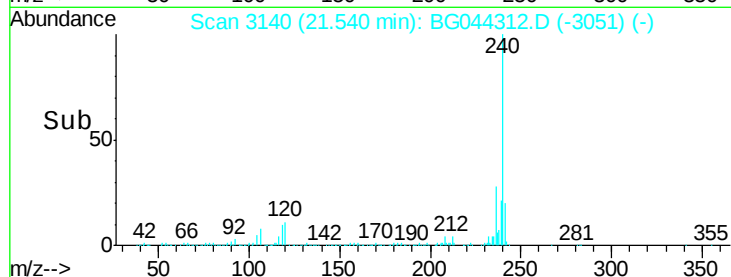
236 27.9 22.1 33.1



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: 87.313 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG044312.D

Acq: 5 Feb 2020 20:04

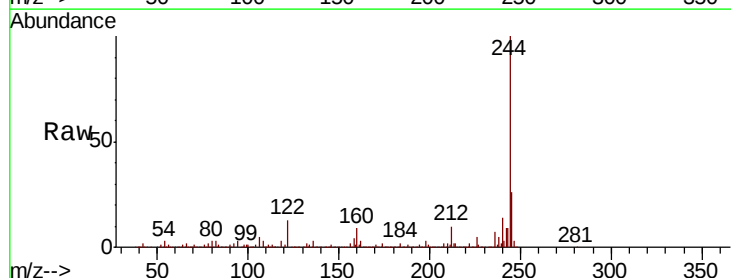
Tgt Ion:244 Resp: 2047336

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.2

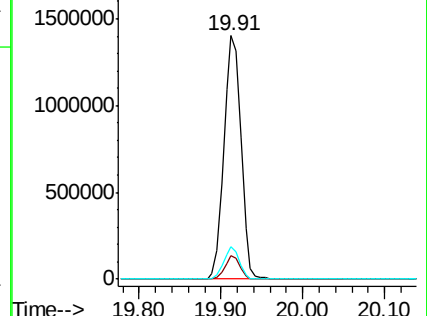
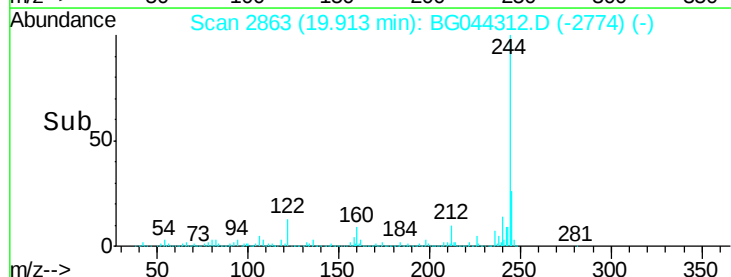
122 13.2 9.8 14.6

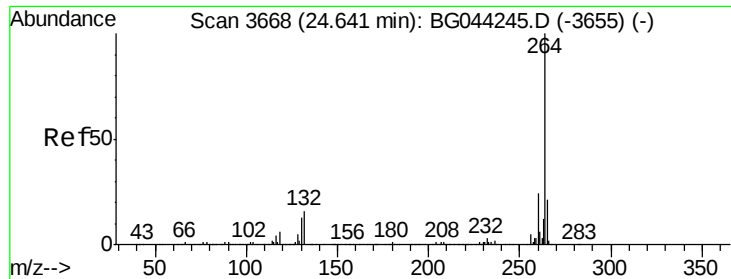


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

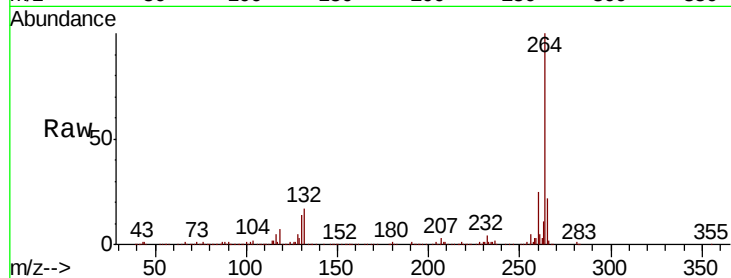




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3667
Delta R.T. -0.00 min
Lab File: BG044312.D
Acq: 5 Feb 2020 20:04

Instrument :
BNA_G
ClientSampleId :
PB126601BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.0	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

