

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
 Data File : BG044276.D
 Acq On : 3 Feb 2020 17:22
 Operator : CG/JU
 Sample : L1345-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 01-31-D

Quant Time: Feb 04 01:16:23 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

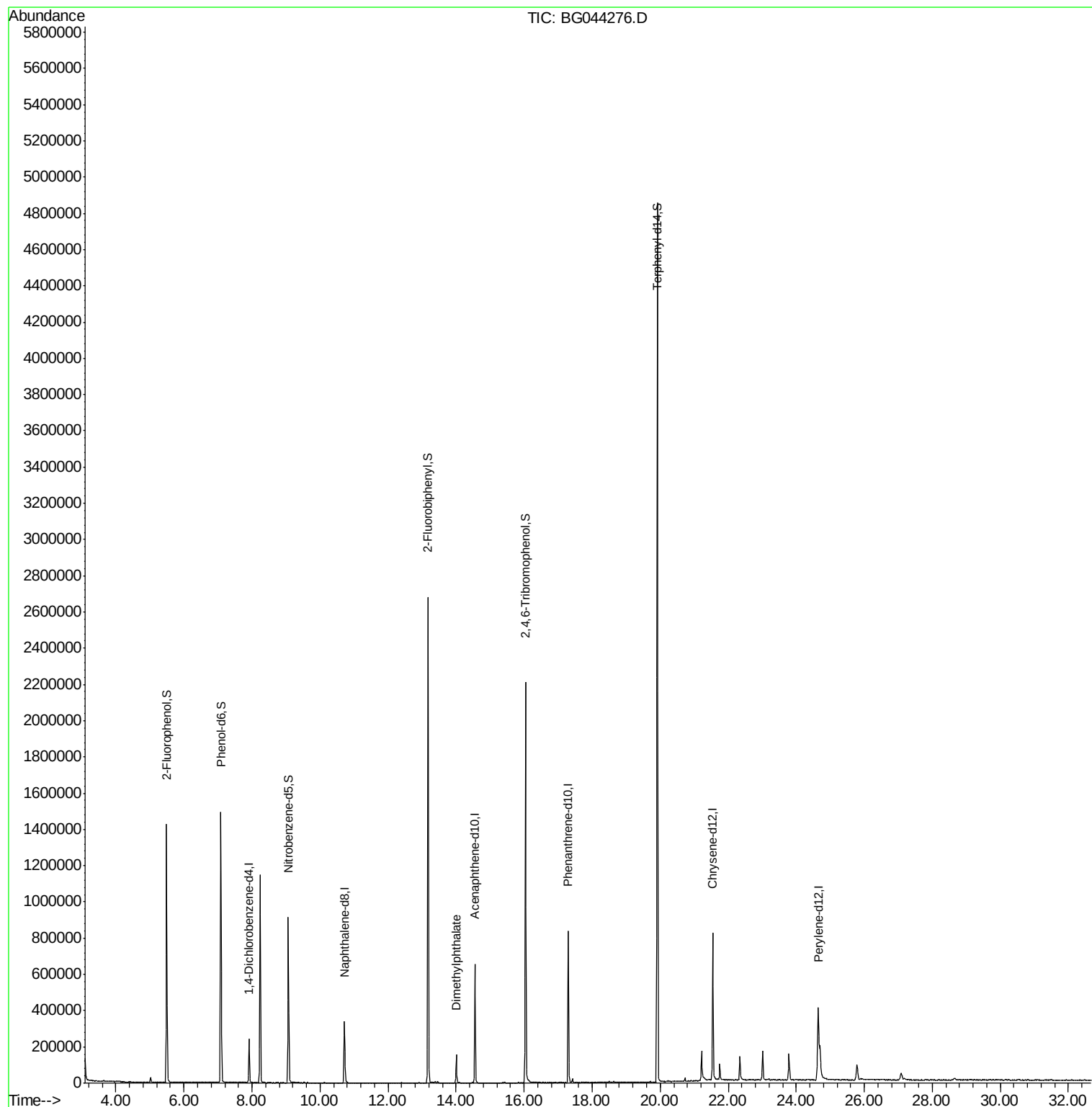
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	73033	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	326133	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	239848	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	546132	20.00	ng	0.00
76) Chrysene-d12	21.54	240	489398	20.00	ng	0.00
87) Perylene-d12	24.65	264	533784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	692936	167.45	ng	0.00
7) Phenol-d6	7.08	99	972914	175.08	ng	0.00
23) Nitrobenzene-d5	9.07	82	585866	101.42	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	441057	156.64	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1437791	100.38	ng	0.00
79) Terphenyl-d14	19.92	244	2263855	95.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	117174	6.796	ng	Qvalue 96

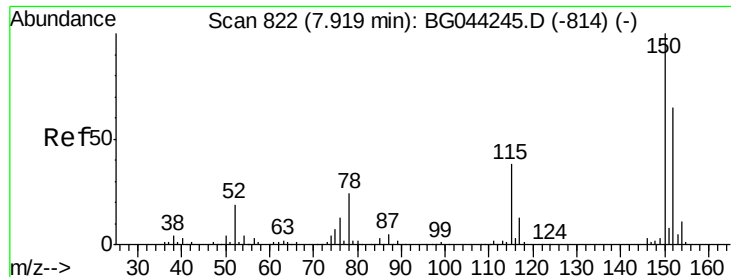
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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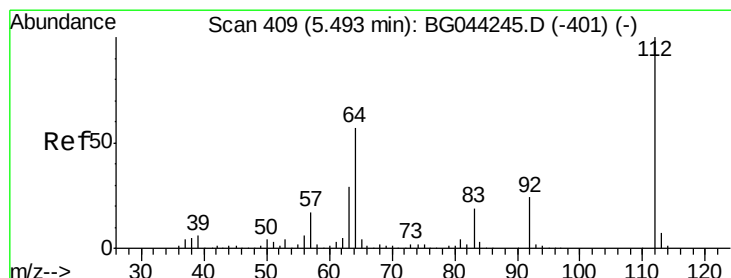
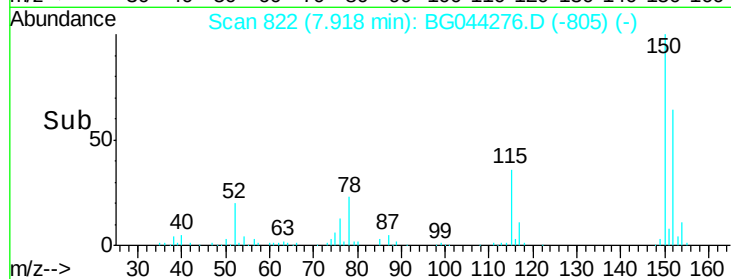
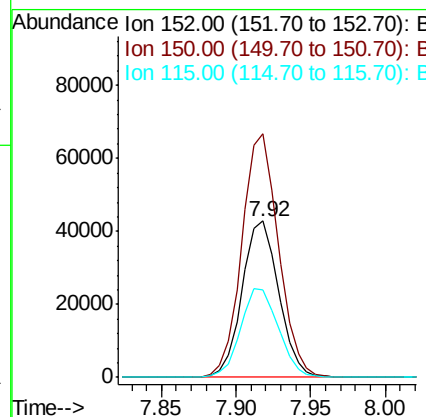
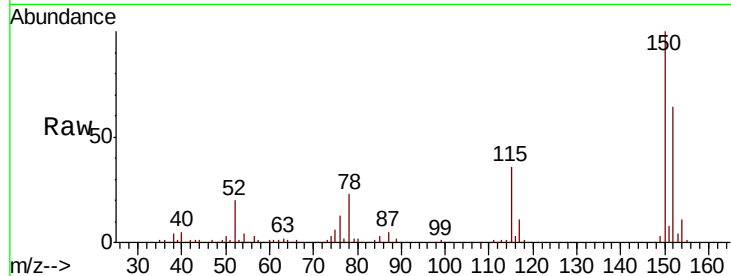


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG044276.D
 Acq: 3 Feb 2020 17:22

Instrument :
 BNA_G
 ClientSampleId :
 01-31-D

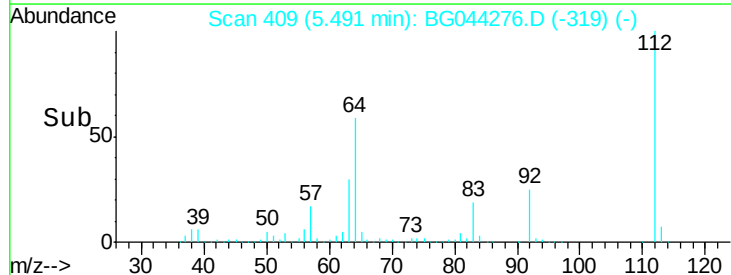
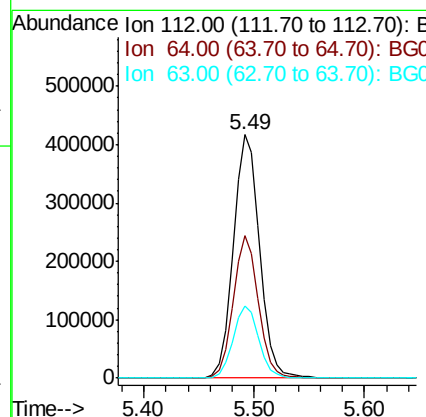
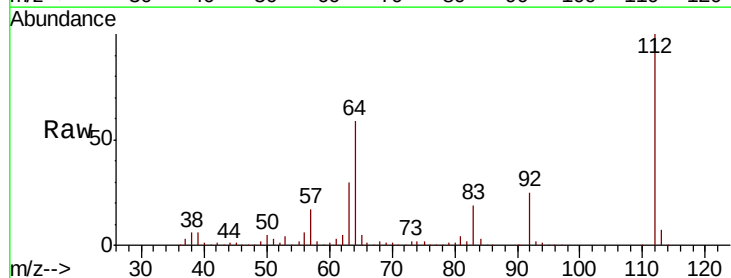
Tot Ion	152	Resp	73033
Ion Ratio	Lower	Upper	
152	100		
150	155.7	122.6	183.8
115	56.2	46.0	69.0

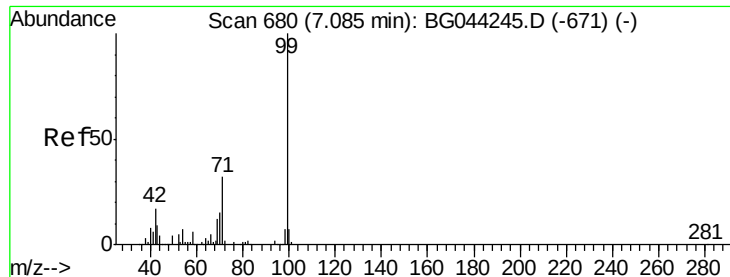


#5

2-Fluorophenol
 Concen: 167.448 ng
 RT: 5.49 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BG044276.D
 Acq: 3 Feb 2020 17:22

Tgt Ion	112	Resp	692936
Ion Ratio	Lower	Upper	
112	100		
64	58.6	45.4	68.2
63	29.9	22.9	34.3





#7

Phenol-d6

Concen: 175.079 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044276.D

Acq: 3 Feb 2020 17:22

Instrument :

BNA_G

ClientSampleId :

01-31-D

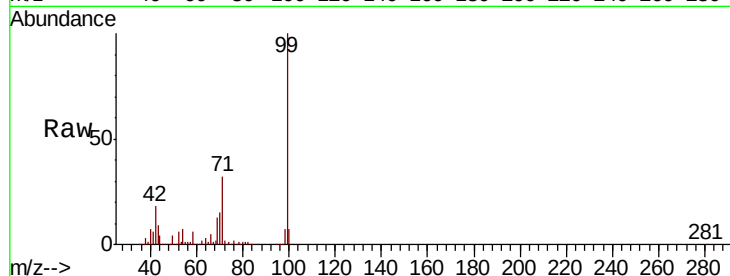
Tot Ion: 99 Resp: 972914

Ion Ratio Lower Upper

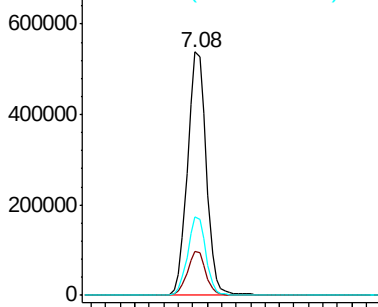
99 100

42 18.1 13.8 20.6

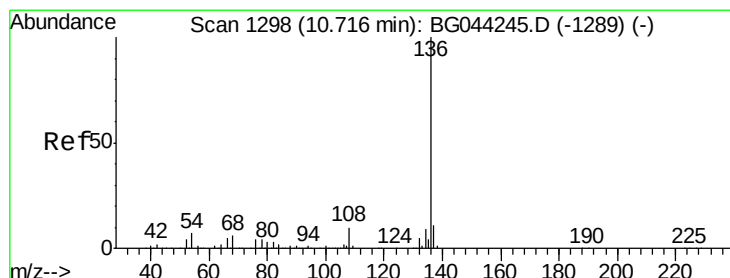
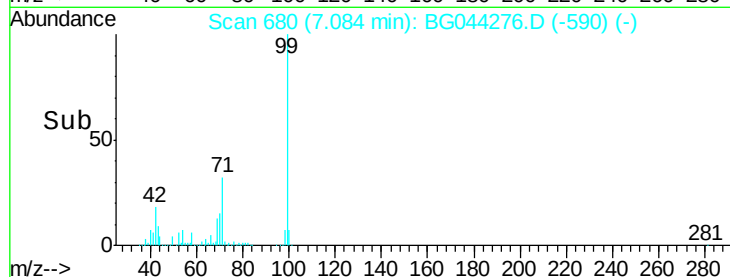
71 32.4 25.5 38.3



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG044276.D

Acq: 3 Feb 2020 17:22

Tgt Ion: 136 Resp: 326133

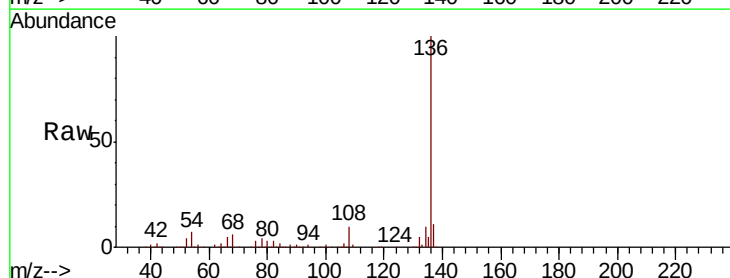
Ion Ratio Lower Upper

136 100

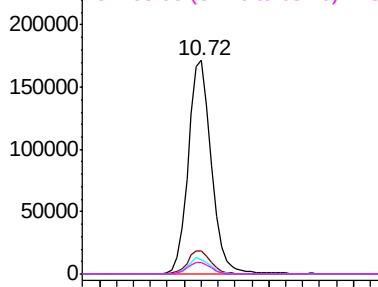
137 10.5 8.8 13.2

54 6.8 5.8 8.8

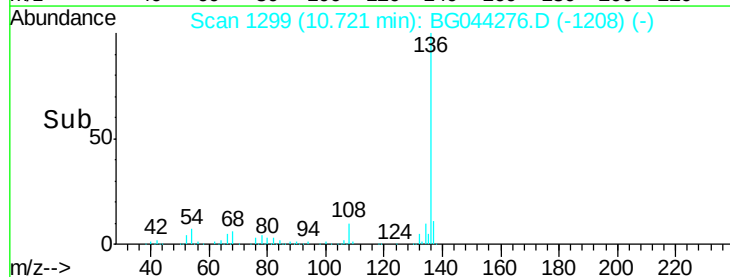
68 5.6 4.6 6.8

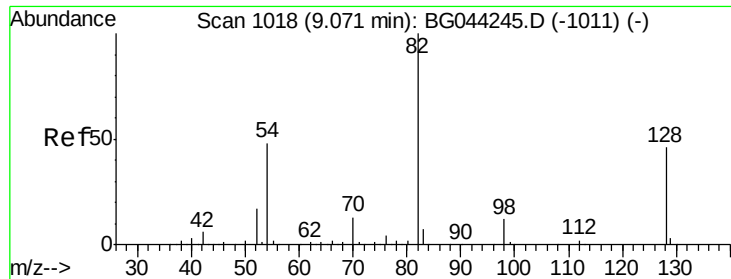


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

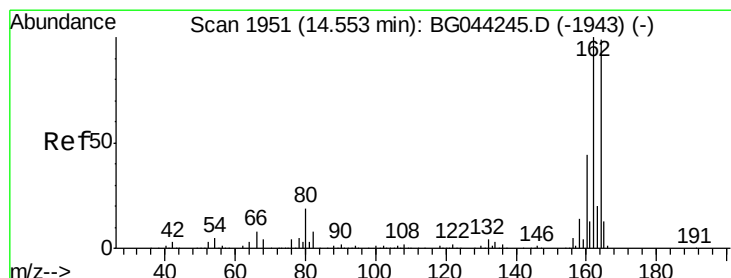
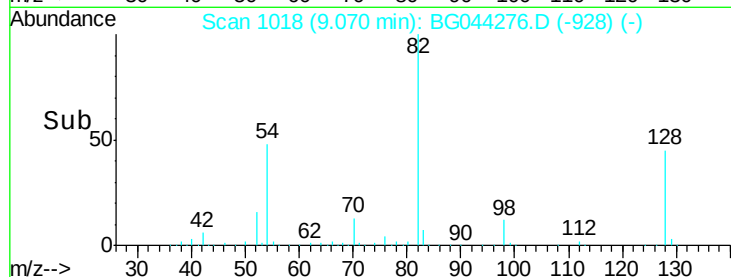
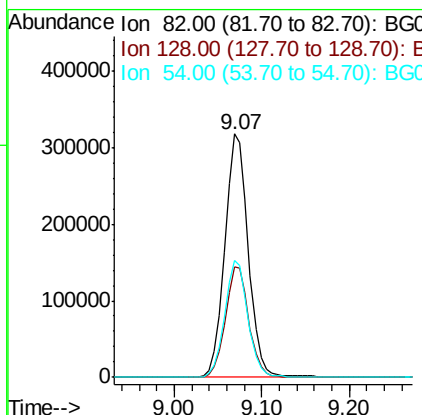
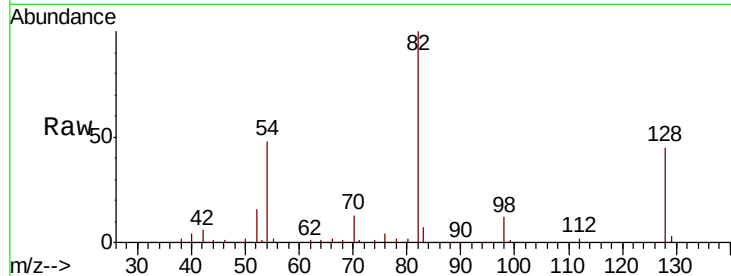




#23
Nitrobenzene-d5
Concen: 101.418 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044276.D
Acq: 3 Feb 2020 17:22

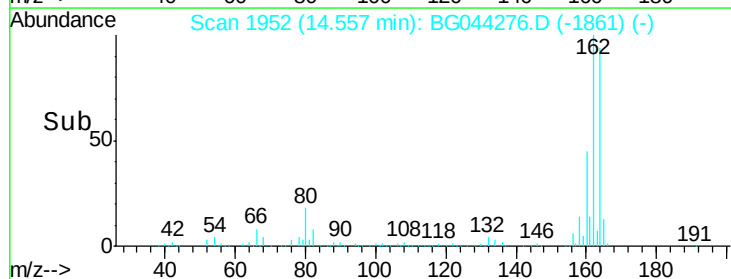
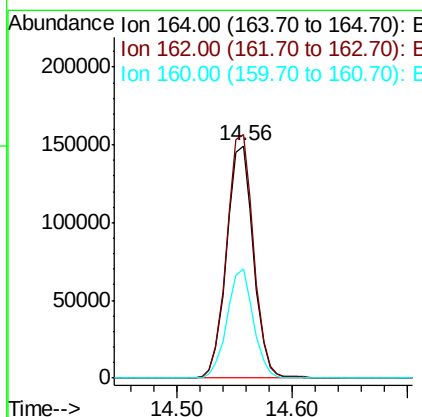
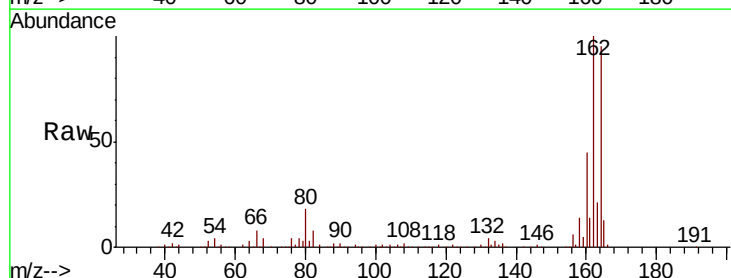
Instrument :
BNA_G
ClientSampleID :
01-31-D

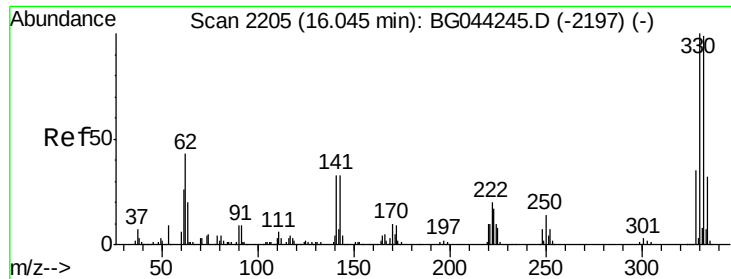
Tot Ion	82	Resp	585866
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.5	54.7
54	48.0	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG044276.D
Acq: 3 Feb 2020 17:22

Tgt Ion	164	Resp	239848
Ion Ratio	Lower	Upper	
164	100		
162	104.8	80.7	121.1
160	47.2	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 156.643 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044276.D

Acq: 3 Feb 2020 17:22

Instrument :

BNA_G

ClientSampleId :

01-31-D

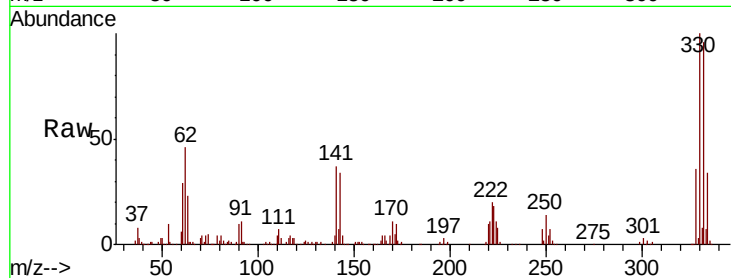
Tot Ion:330 Resp: 441057

Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

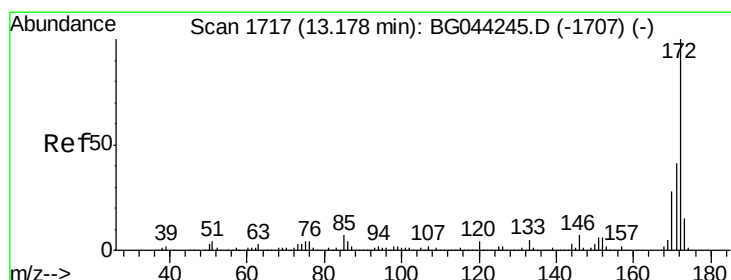
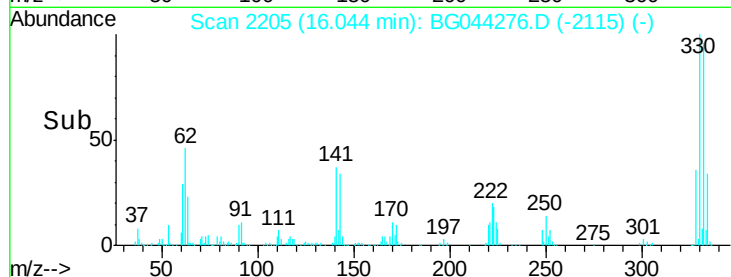
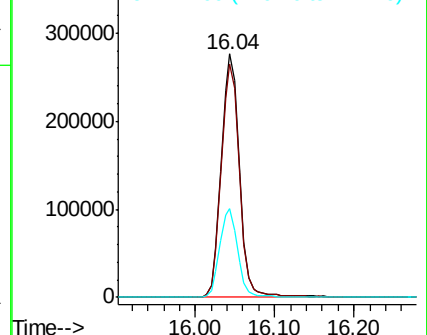
141 36.4 28.3 42.5



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: 100.383 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG044276.D

Acq: 3 Feb 2020 17:22

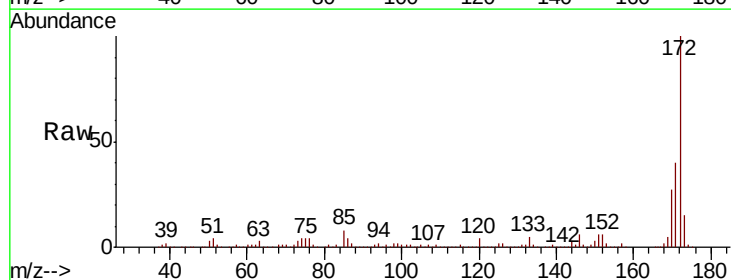
Tgt Ion:172 Resp: 1437791

Ion Ratio Lower Upper

172 100

171 40.0 32.9 49.3

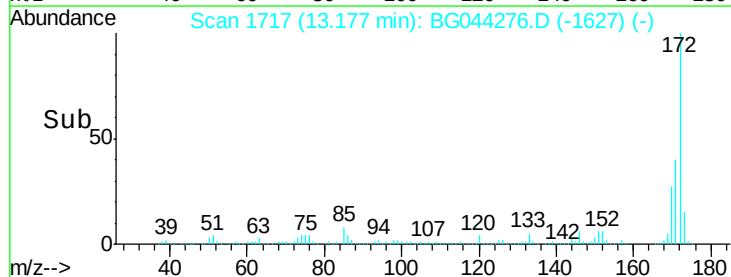
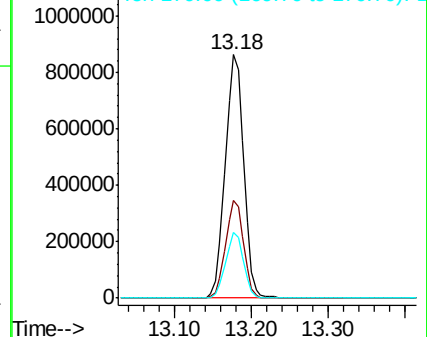
170 26.8 22.0 33.0

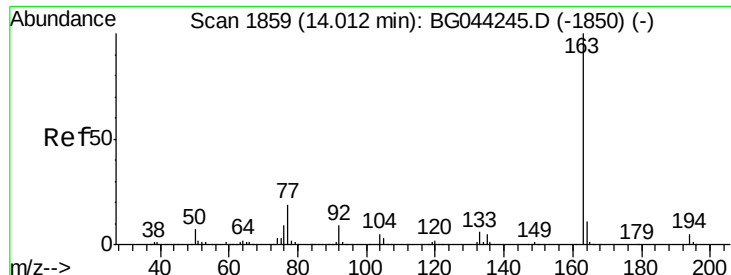


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.796 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044276.D

Acq: 3 Feb 2020 17:22

Instrument :

BNA_G

ClientSampleId :

01-31-D

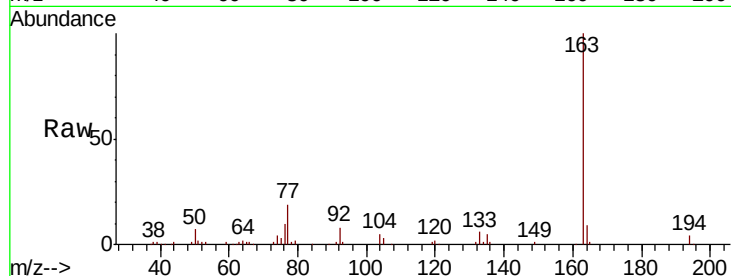
Tot Ion:163 Resp: 117174

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

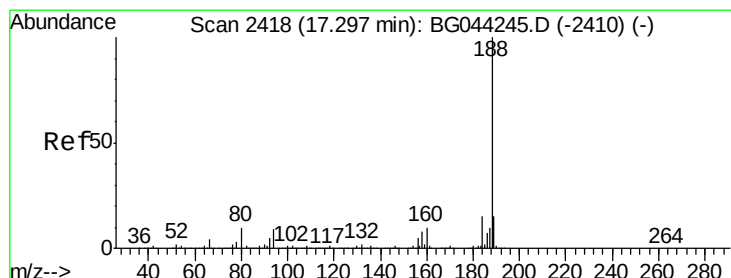
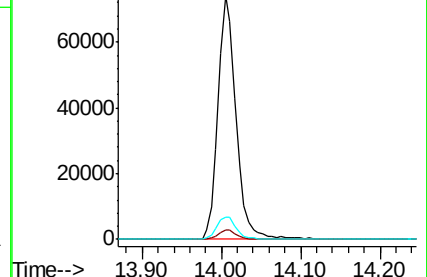
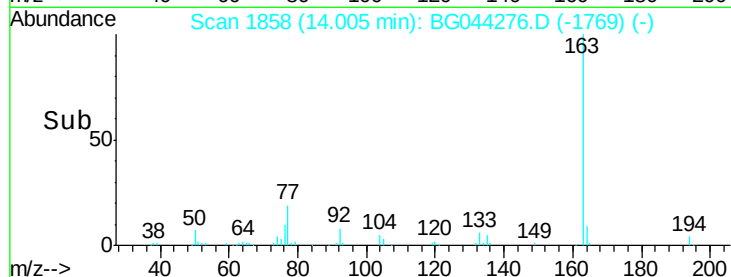
164 9.1 8.7 13.1



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: BG044276.D

Acq: 3 Feb 2020 17:22

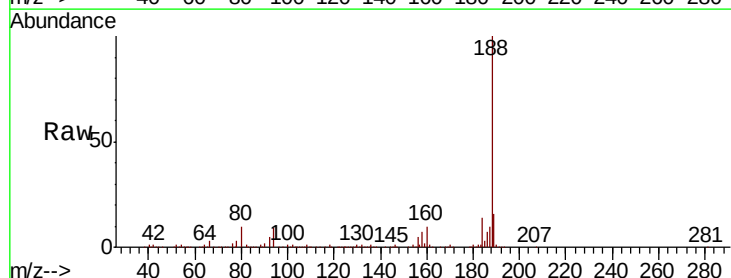
Tgt Ion:188 Resp: 546132

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

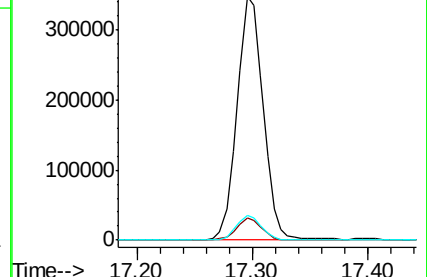
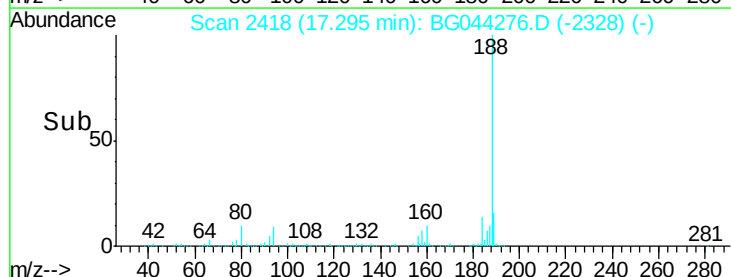
80 10.2 7.7 11.5

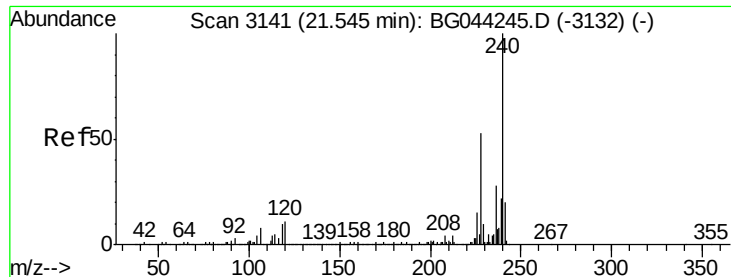


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044276.D

Acq: 3 Feb 2020 17:22

Instrument :

BNA_G

ClientSampleId :

01-31-D

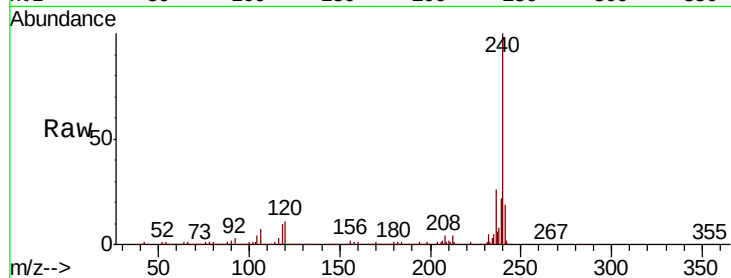
Tot Ion:240 Resp: 489398

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

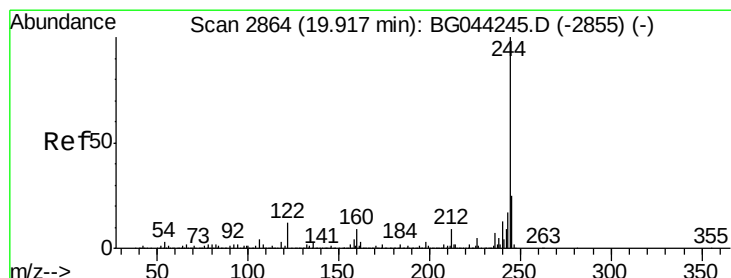
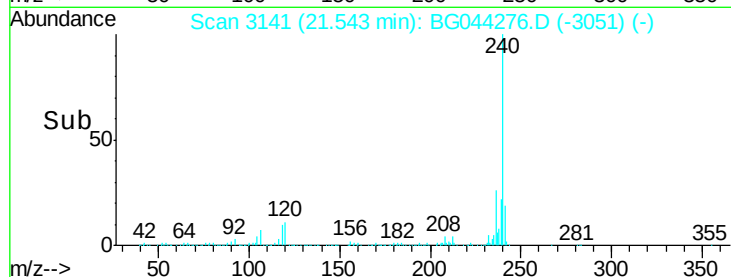
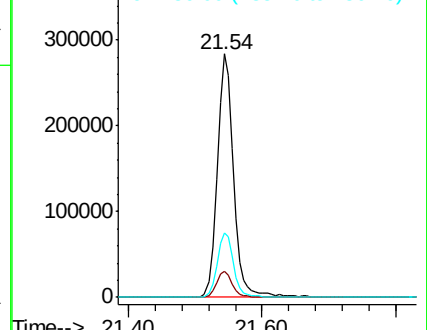
236 26.4 22.1 33.1



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: 95.147 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044276.D

Acq: 3 Feb 2020 17:22

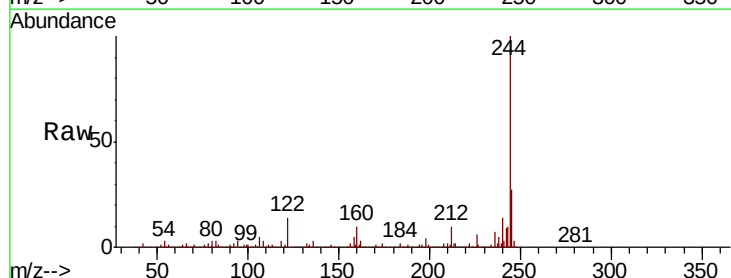
Tgt Ion:244 Resp: 2263855

Ion Ratio Lower Upper

244 100

212 10.0 7.4 11.2

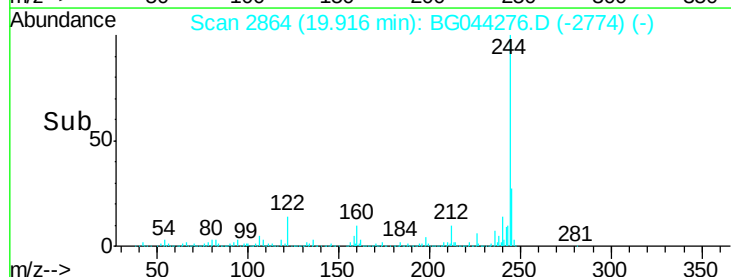
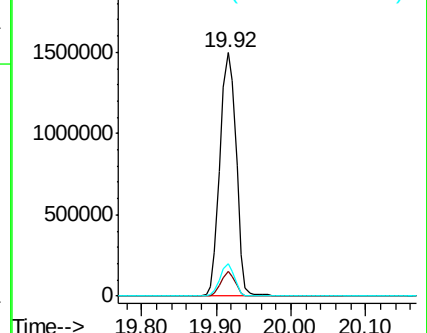
122 13.5 9.8 14.6

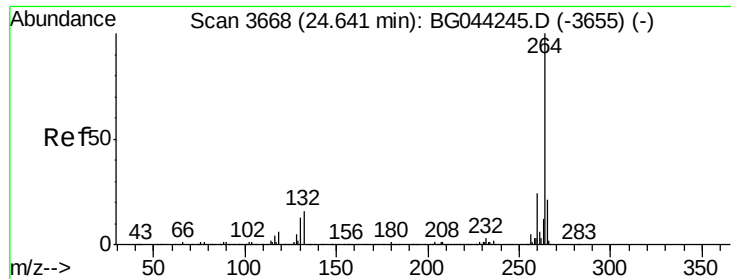


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

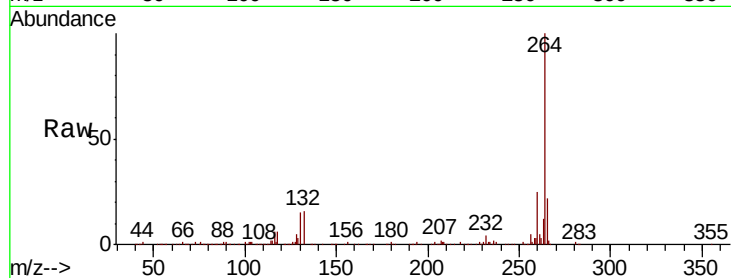




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. 0.00 min
Lab File: BG044276.D
Acq: 3 Feb 2020 17:22

Instrument :
BNA_G
ClientSampleId :
01-31-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.4	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

