

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
 Data File : BG044274.D
 Acq On : 3 Feb 2020 16:04
 Operator : CG/JU
 Sample : L1345-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 01-31-B

Quant Time: Feb 04 01:11:57 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

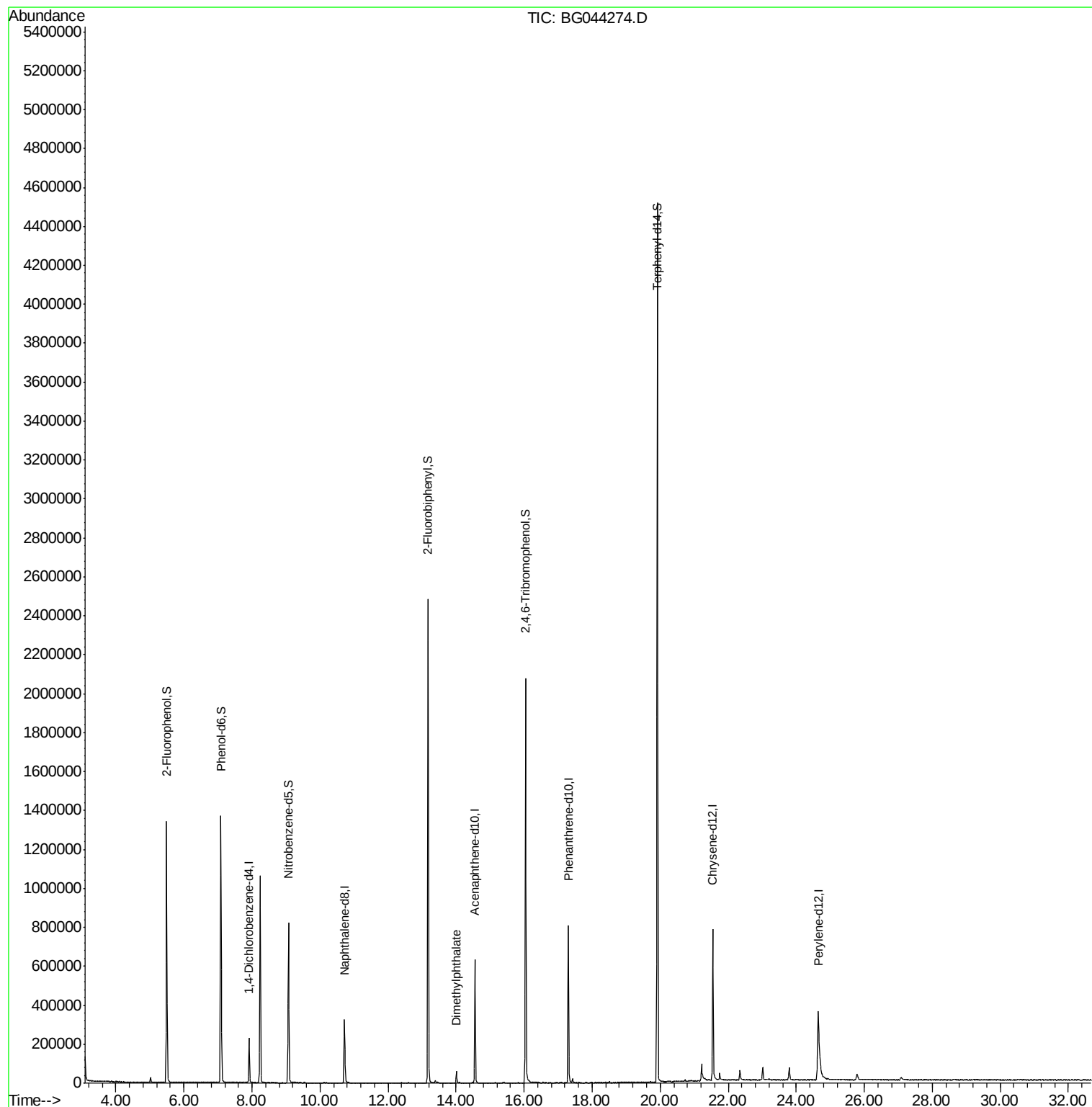
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	68445	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	308203	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	233838	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	533887	20.00	ng	0.00
76) Chrysene-d12	21.54	240	479591	20.00	ng	0.00
87) Perylene-d12	24.64	264	513918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	651738	168.05	ng	0.00
7) Phenol-d6	7.08	99	894202	171.70	ng	0.00
23) Nitrobenzene-d5	9.07	82	544901	99.81	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	407677	148.51	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1326631	95.00	ng	0.00
79) Terphenyl-d14	19.92	244	2121083	90.97	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	52156	3.103	ng	Qvalue 98

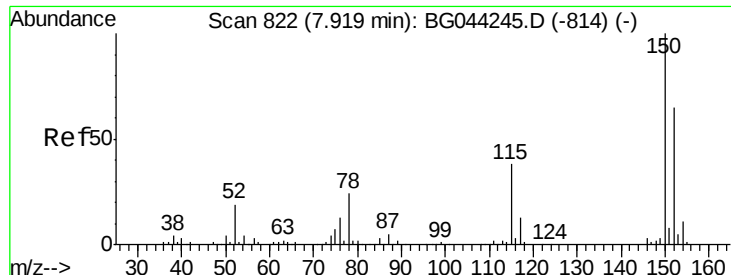
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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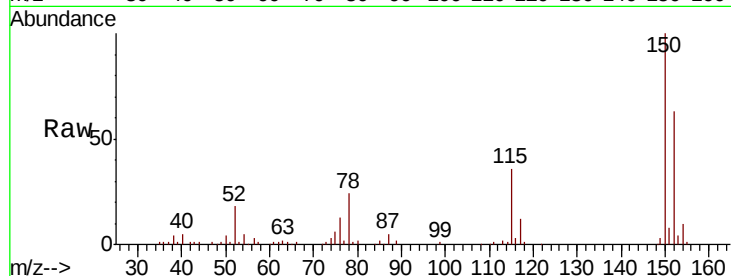


#1

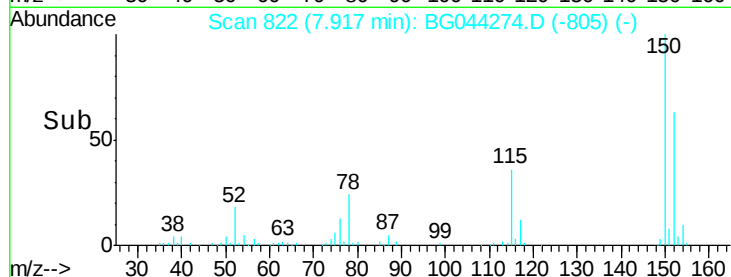
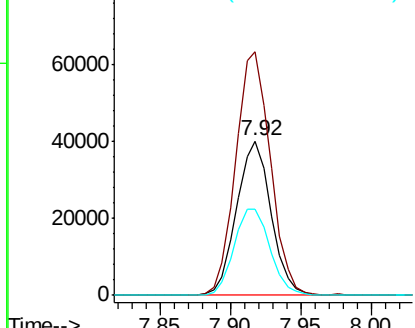
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG044274.D
 Acq: 3 Feb 2020 16:04

Instrument :
 BNA_G
 ClientSampleId :
 01-31-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.6	183.8
115	56.0	46.0	69.0



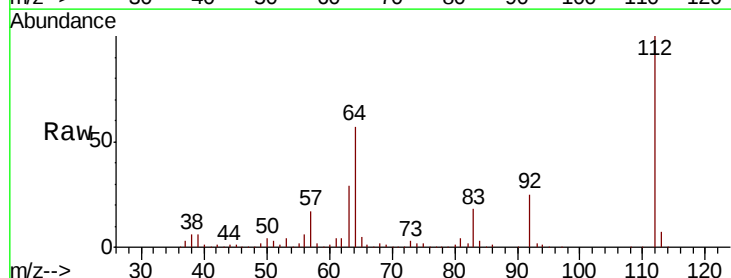
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



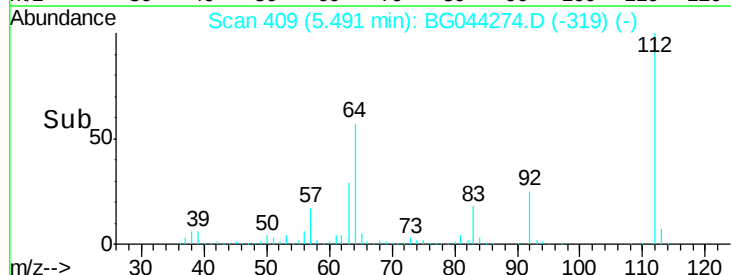
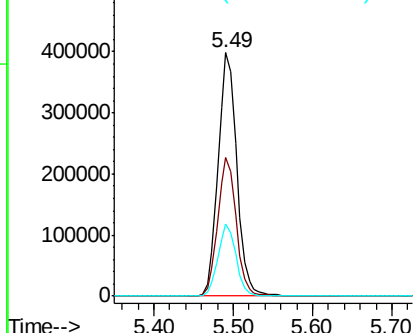
#5

2-Fluorophenol
 Concen: 168.050 ng
 RT: 5.49 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BG044274.D
 Acq: 3 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.4	68.2
63	29.4	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: 171.701 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044274.D

Acq: 3 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

01-31-B

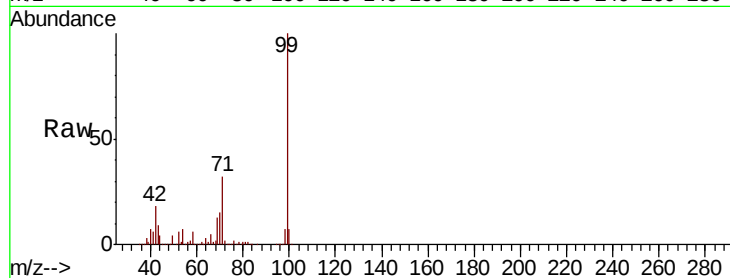
Tot Ion: 99 Resp: 894202

Ion Ratio Lower Upper

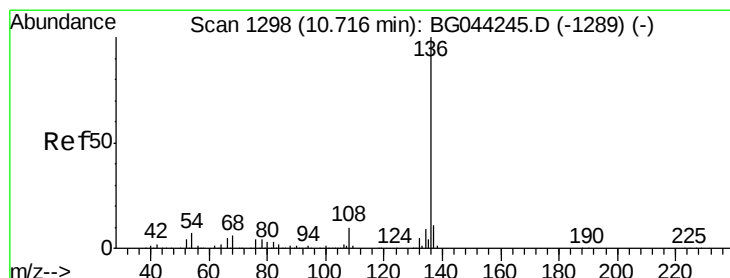
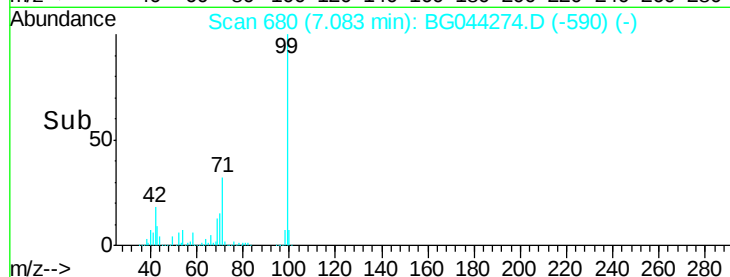
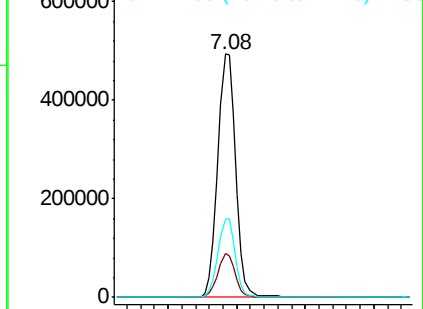
99 100

42 17.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG044274.D

Acq: 3 Feb 2020 16:04

Tgt Ion: 136 Resp: 308203

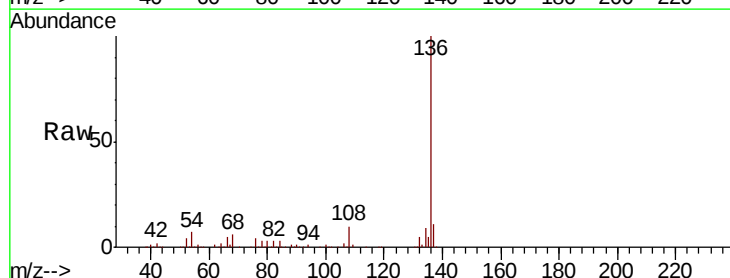
Ion Ratio Lower Upper

136 100

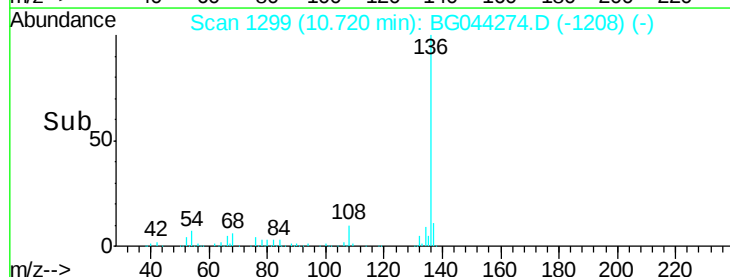
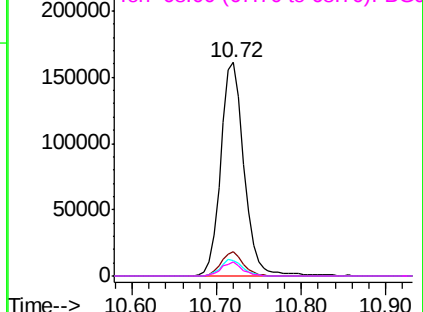
137 11.2 8.8 13.2

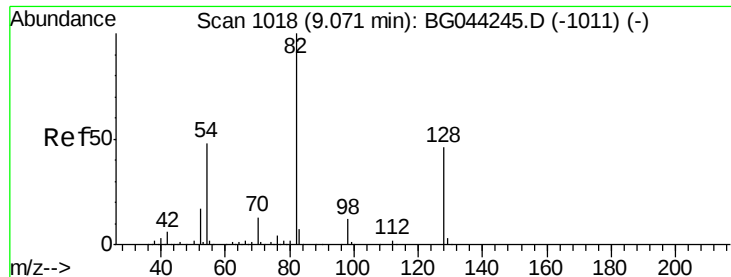
54 7.5 5.8 8.8

68 6.5 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

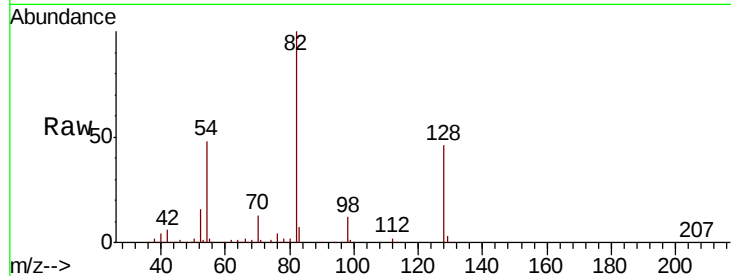




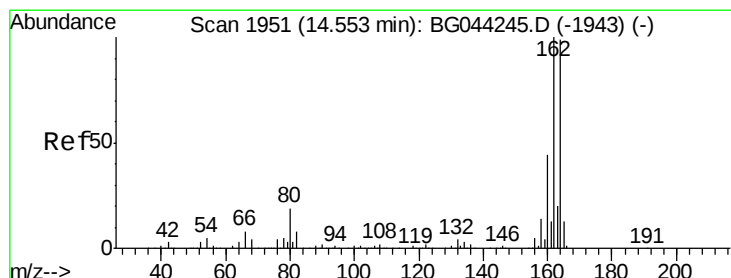
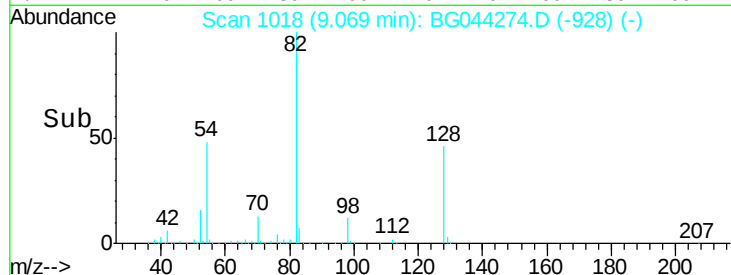
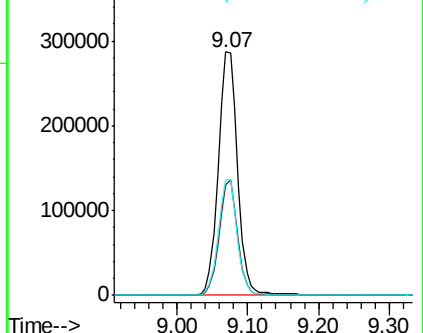
#23
Nitrobenzene-d5
Concen: 99.814 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044274.D
Acq: 3 Feb 2020 16:04

Instrument :
BNA_G
ClientSampleId :
01-31-B

Tot Ion	82	Resp	544901
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.5	54.7
54	47.5	38.6	58.0

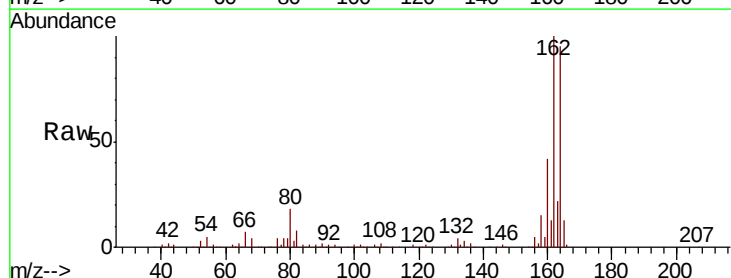


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

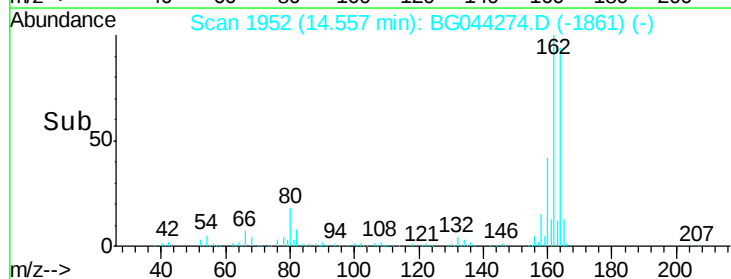
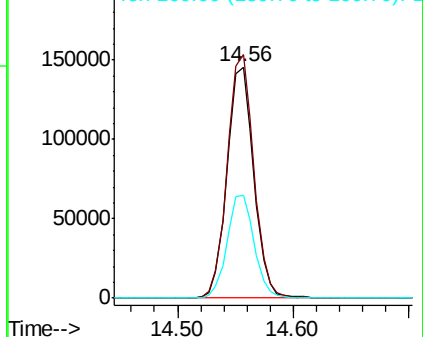


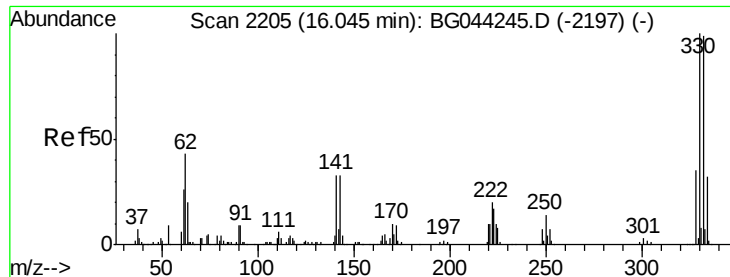
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG044274.D
Acq: 3 Feb 2020 16:04

Tgt Ion	164	Resp	233838
Ion Ratio	Lower	Upper	
164	100		
162	105.4	80.7	121.1
160	44.5	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: 148.509 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044274.D

Acq: 3 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

01-31-B

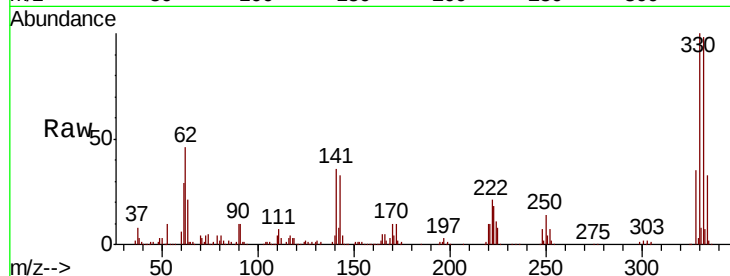
Tot Ion:330 Resp: 407677

Ion Ratio Lower Upper

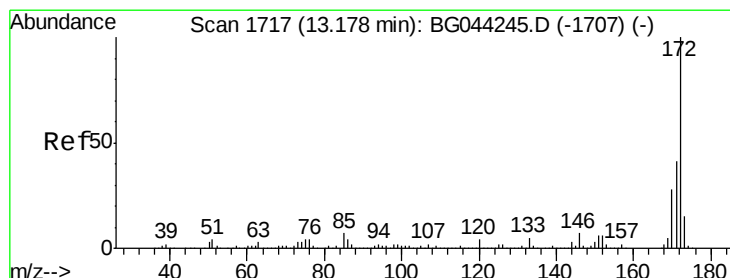
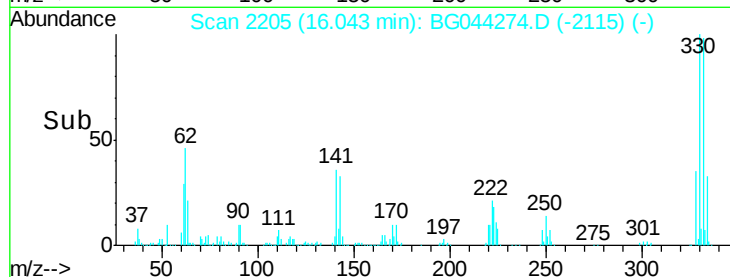
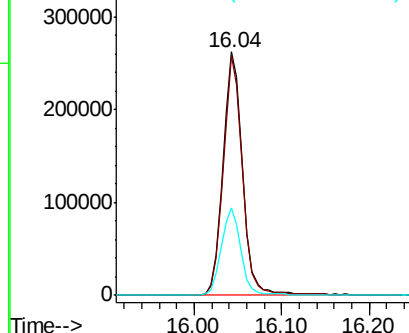
330 100

332 96.6 77.2 115.8

141 36.1 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: 95.002 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG044274.D

Acq: 3 Feb 2020 16:04

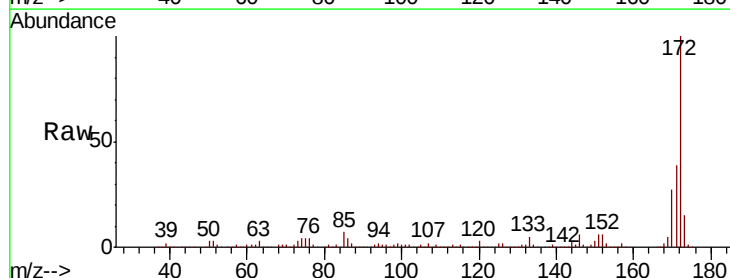
Tgt Ion:172 Resp: 1326631

Ion Ratio Lower Upper

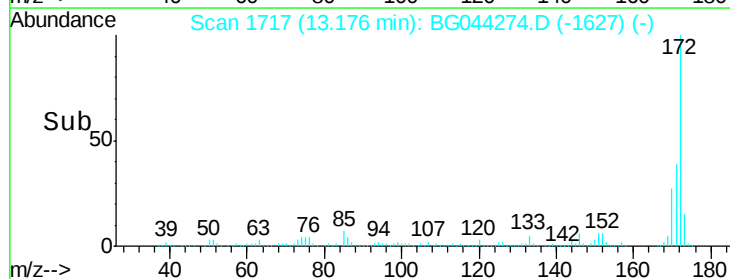
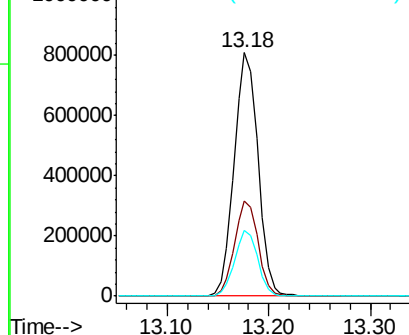
172 100

171 38.9 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: 3.103 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG044274.D

Acq: 3 Feb 2020 16:04

Instrument :

BNA_G

ClientSampleId :

01-31-B

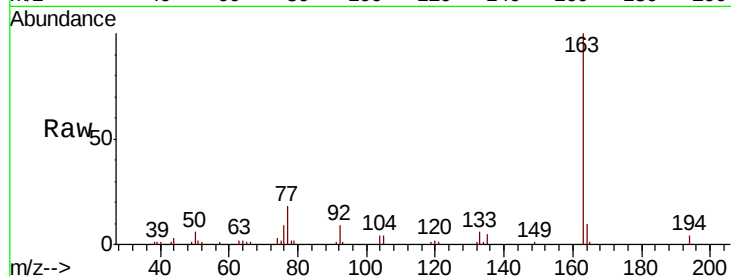
Tot Ion:163 Resp: 52156

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

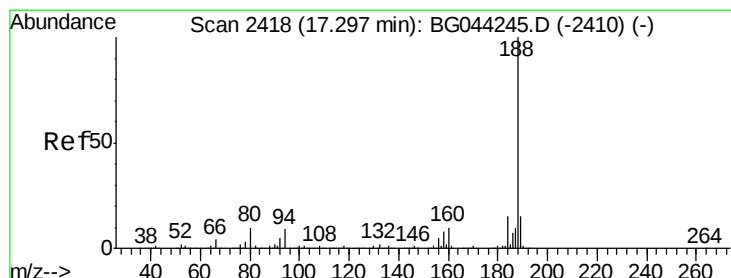
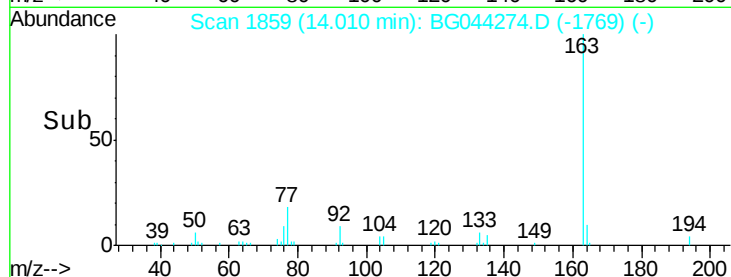
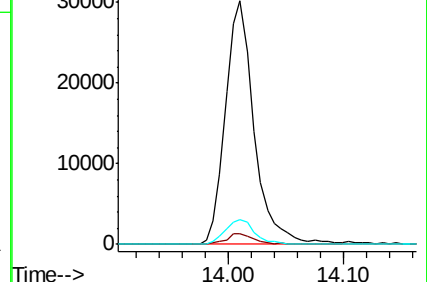
164 9.9 8.7 13.1



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# 2419

Delta R.T. 0.00 min

Lab File: BG044274.D

Acq: 3 Feb 2020 16:04

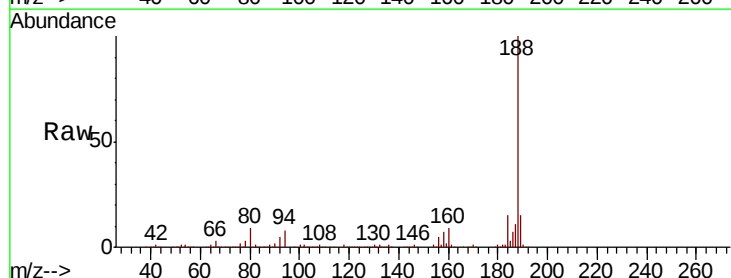
Tgt Ion:188 Resp: 533887

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

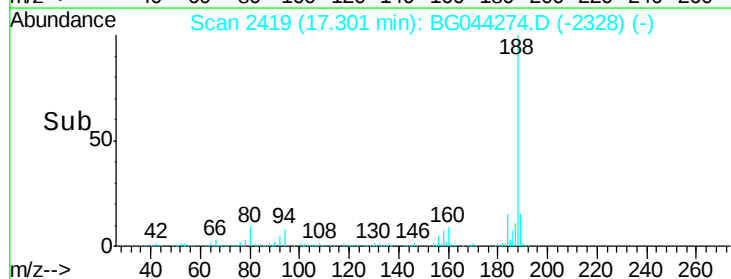
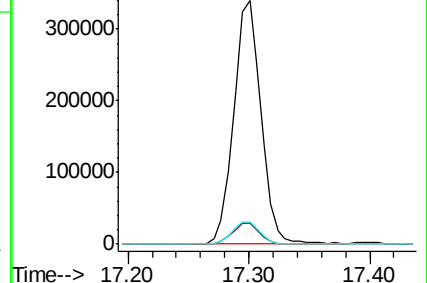
80 8.9 7.7 11.5



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# 3141

Delta R.T. -0.00 min

Lab File: BG044274.D

Acq: 3 Feb 2020 16:04

Instrument :

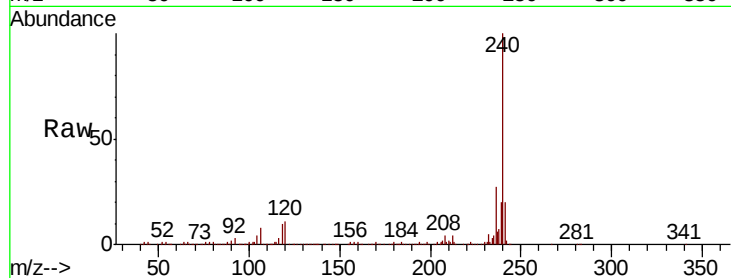
BNA_G

ClientSampleId :

01-31-B

Tot Ion:240 Resp: 479591

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.4	12.6
236	27.0	22.1	33.1

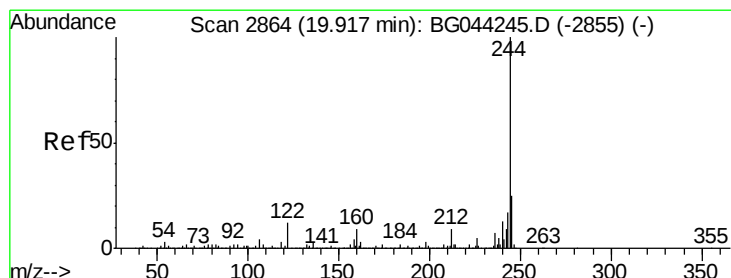
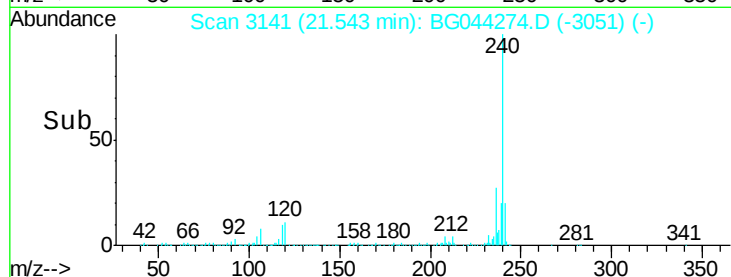
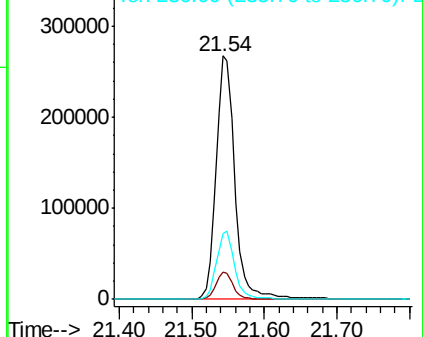


Abundance

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: 90.969 ng

RT: 19.92 min Scan# 2864

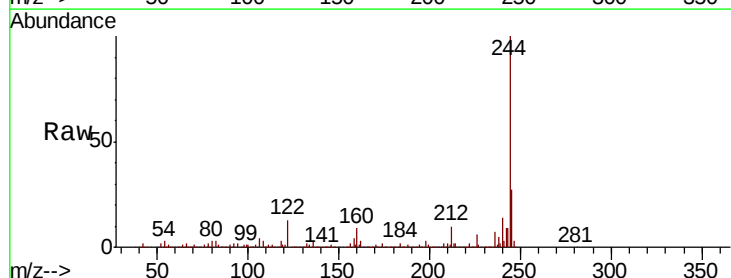
Delta R.T. -0.00 min

Lab File: BG044274.D

Acq: 3 Feb 2020 16:04

Tgt Ion:244 Resp: 2121083

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.4	11.2
122	12.9	9.8	14.6

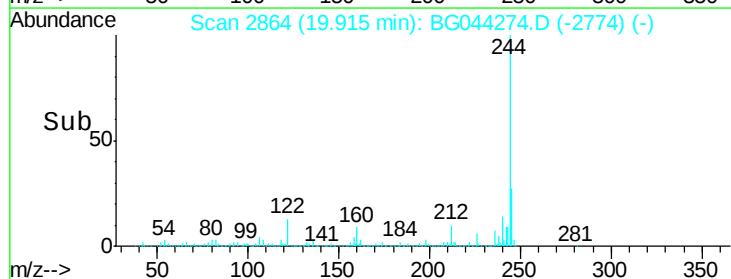
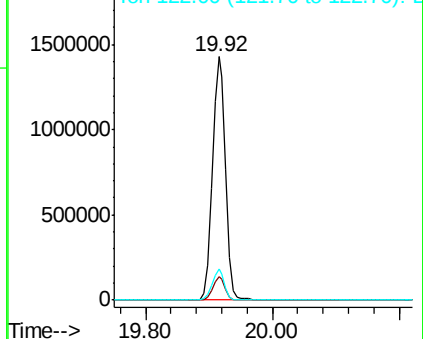


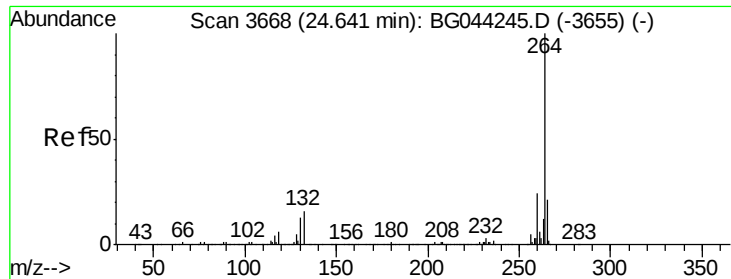
Abundance

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# 3669
Delta R.T. 0.00 min
Lab File: BG044274.D
Acq: 3 Feb 2020 16:04

Instrument :
BNA_G
ClientSampleId :
01-31-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	20.8	16.7	25.1

