

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044316.D
 Acq On : 5 Feb 2020 22:41
 Operator : CG/JU
 Sample : L1387-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F06031

Quant Time: Feb 06 03:10:52 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

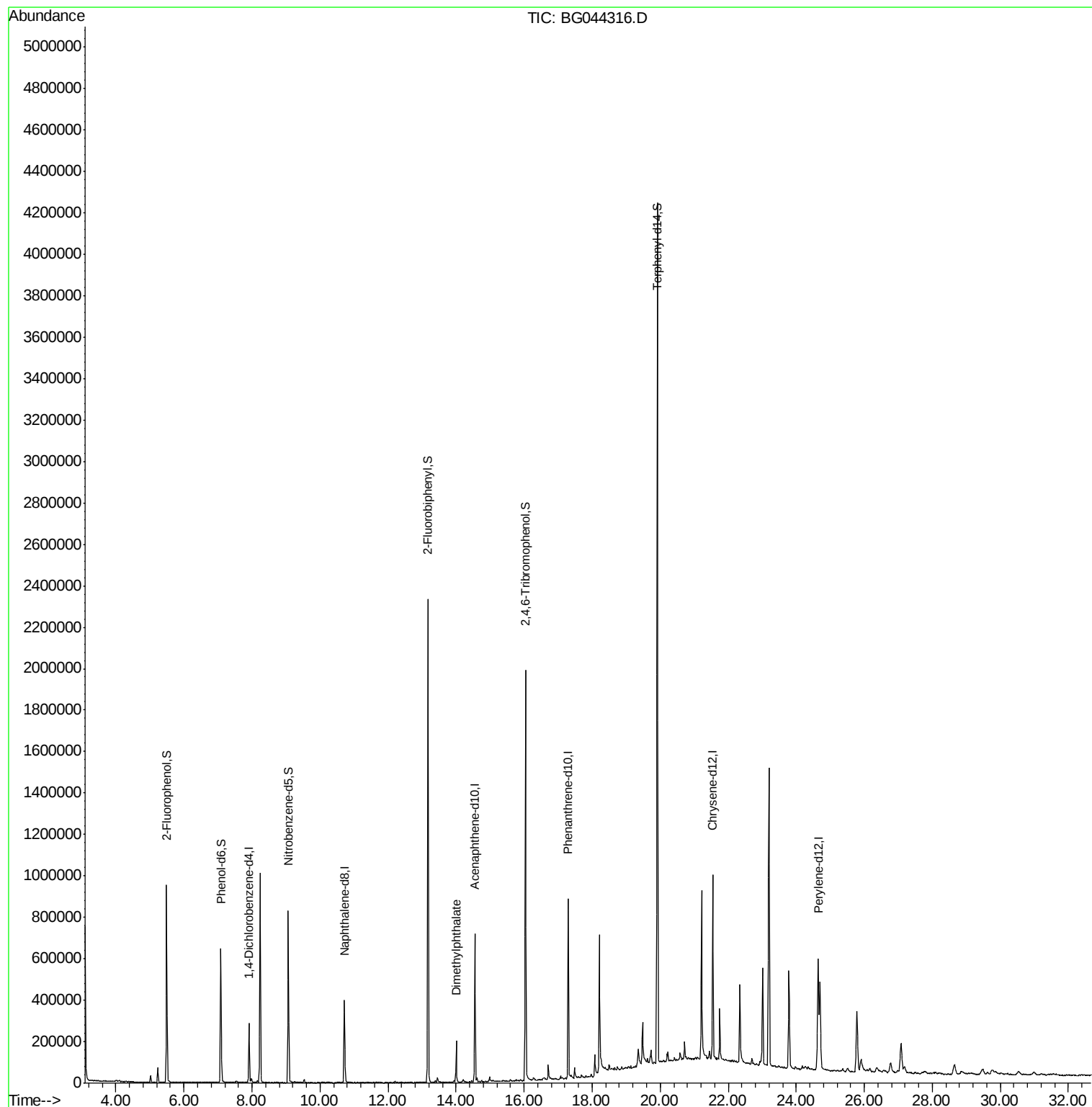
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	86754	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	372296	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	253202	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	559130	20.00	ng	0.00
76) Chrysene-d12	21.54	240	497395	20.00	ng	0.00
87) Perylene-d12	24.65	264	564854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	468588	95.33	ng	0.00
7) Phenol-d6	7.08	99	423925	64.22	ng	0.00
23) Nitrobenzene-d5	9.07	82	537014	81.43	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	394644	132.77	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1238368	81.90	ng	0.00
79) Terphenyl-d14	19.92	244	1934002	79.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	142119	7.808	ng	Qvalue 98

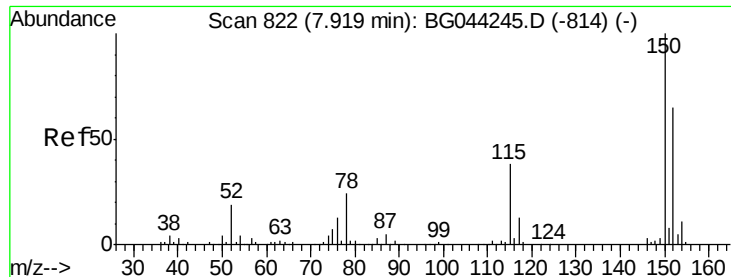
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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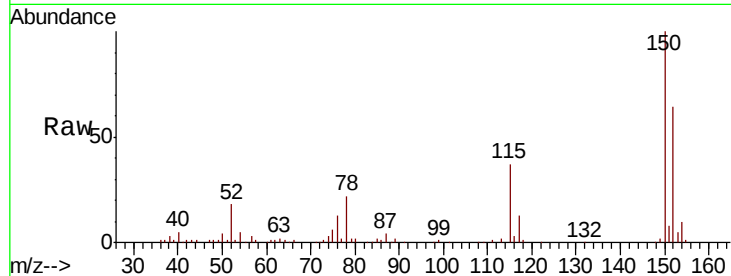


#1

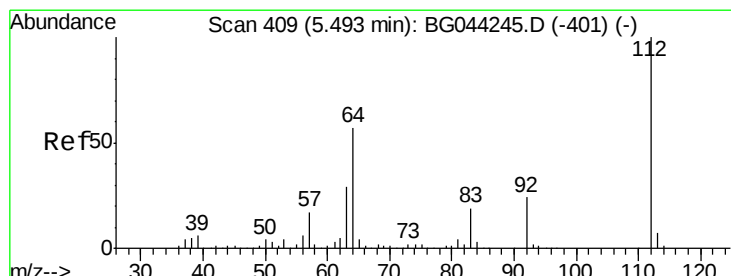
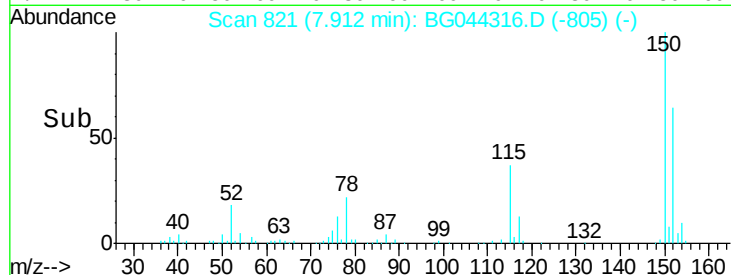
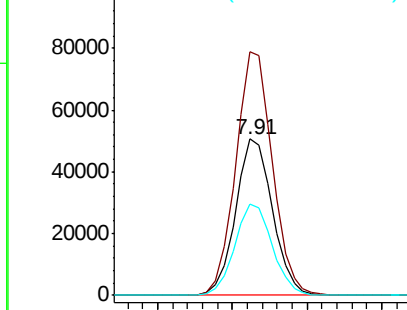
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044316.D
Acq: 5 Feb 2020 22:41

Instrument :
BNA_G
ClientSampleId :
F06031

Tot Ion:152 Resp: 86754
Ion Ratio Lower Upper
152 100
150 155.8 122.6 183.8
115 58.2 46.0 69.0



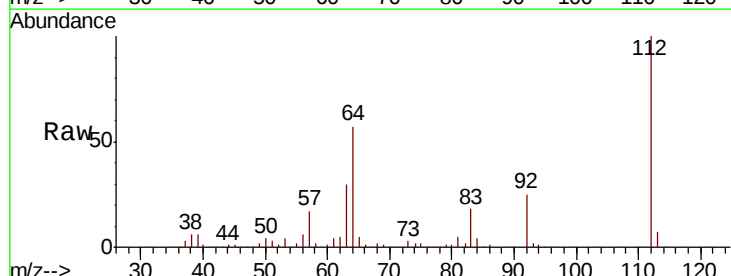
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



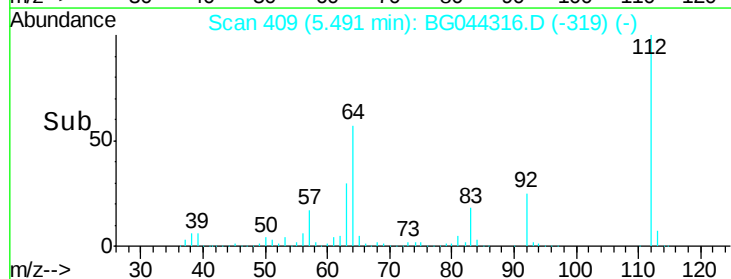
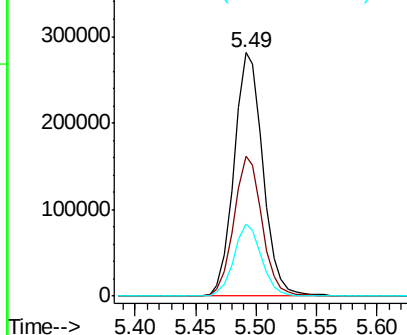
#5

2-Fluorophenol
Concen: 95.325 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044316.D
Acq: 5 Feb 2020 22:41

Tgt Ion:112 Resp: 468588
Ion Ratio Lower Upper
112 100
64 57.3 45.4 68.2
63 29.6 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: 64.221 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044316.D

Acq: 5 Feb 2020 22:41

Instrument :

BNA_G

ClientSampleId :

F06031

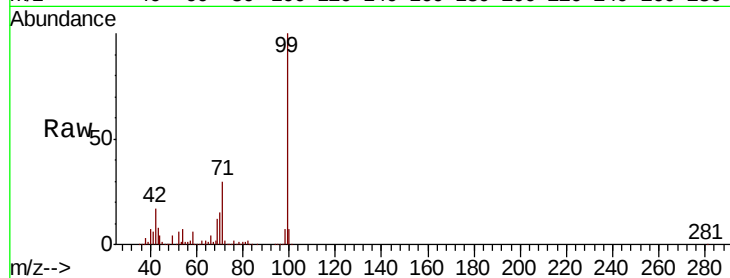
Tot Ion: 99 Resp: 423925

Ion Ratio Lower Upper

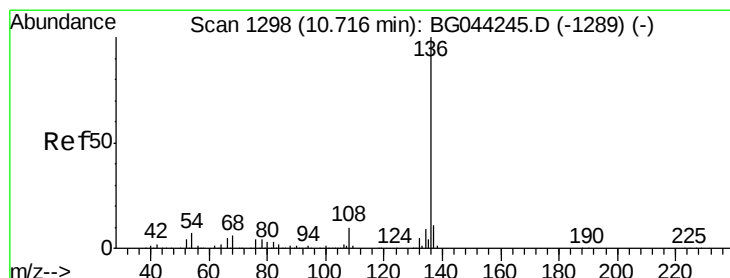
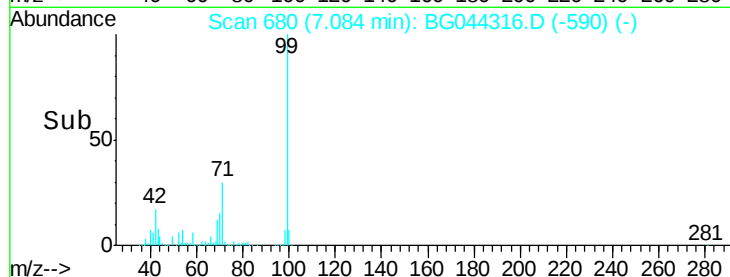
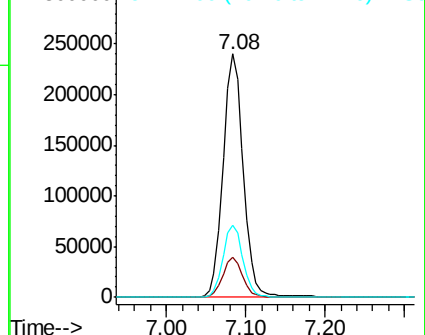
99 100

42 16.6 13.8 20.6

71 29.7 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: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044316.D

Acq: 5 Feb 2020 22:41

Tgt Ion: 136 Resp: 372296

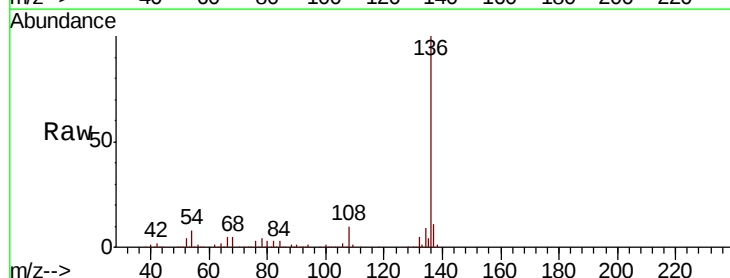
Ion Ratio Lower Upper

136 100

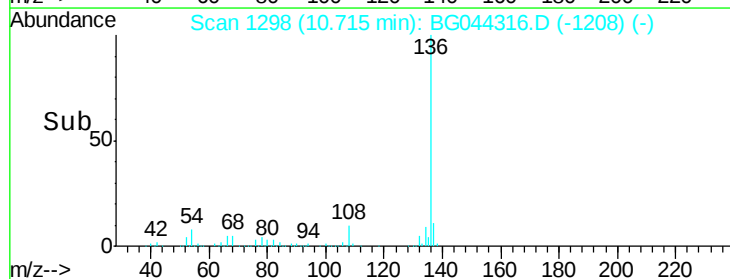
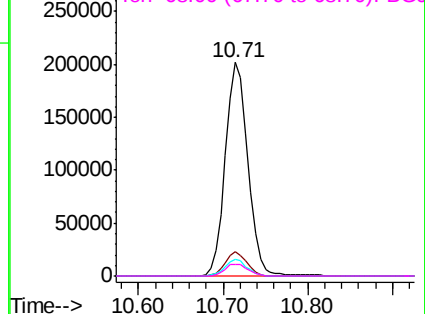
137 11.3 8.8 13.2

54 7.6 5.8 8.8

68 5.4 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

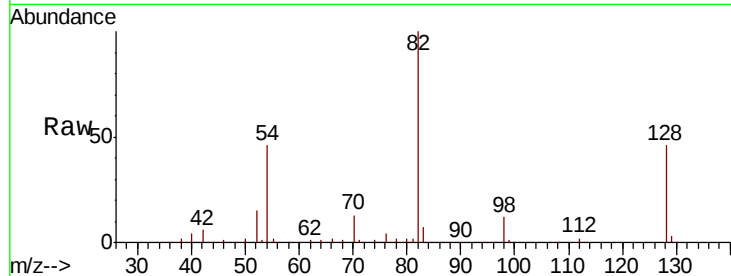




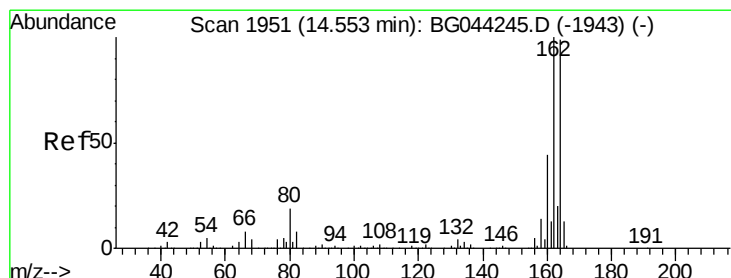
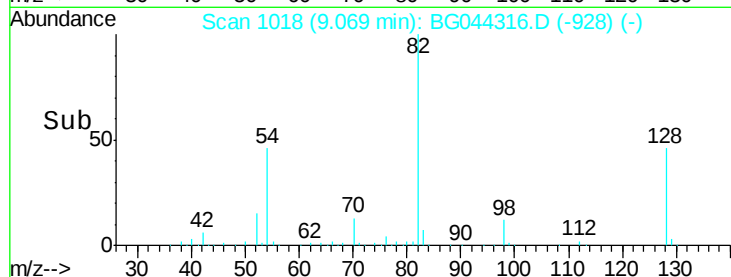
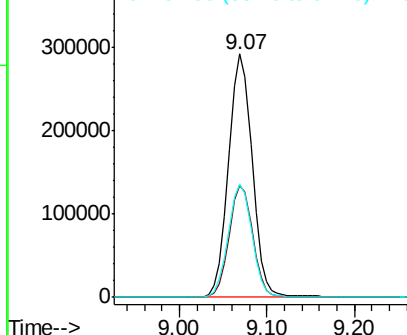
#23
Nitrobenzene-d5
Concen: 81.435 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044316.D
Acq: 5 Feb 2020 22:41

Instrument :
BNA_G
ClientSampleId :
F06031

Tot Ion	82	Resp	537014
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
54	46.3	38.6	58.0

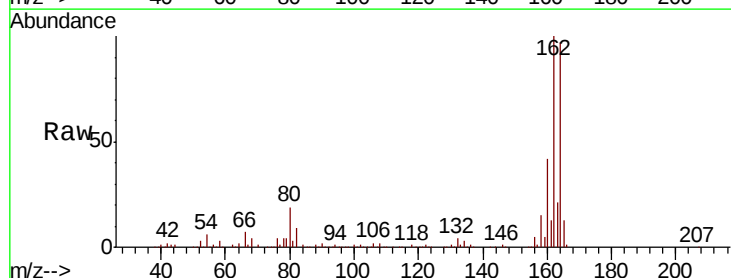


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

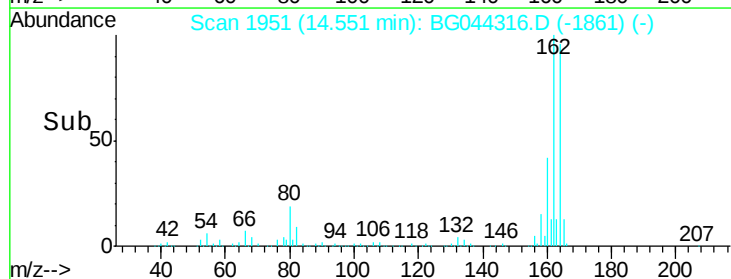
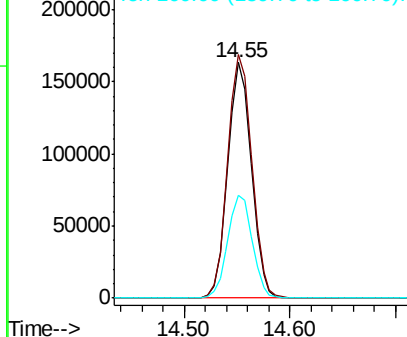


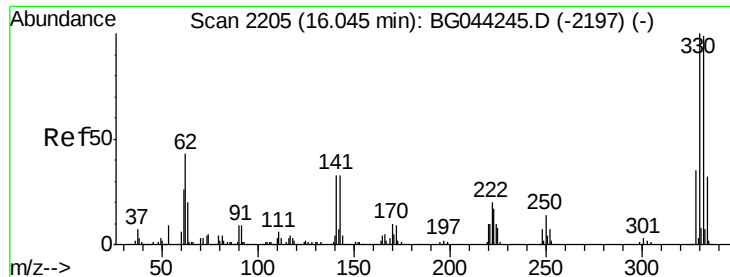
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044316.D
Acq: 5 Feb 2020 22:41

Tgt Ion	164	Resp	253202
Ion Ratio	100		
Lower	80.7		
Upper	121.1		
162	103.3	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

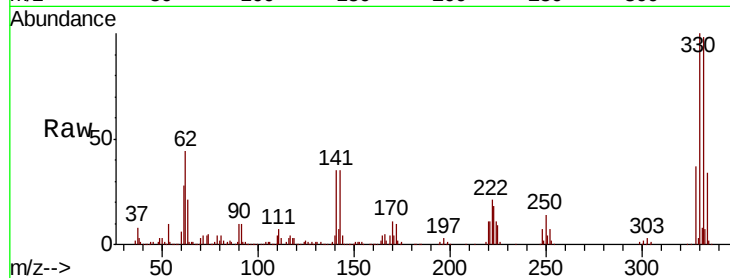




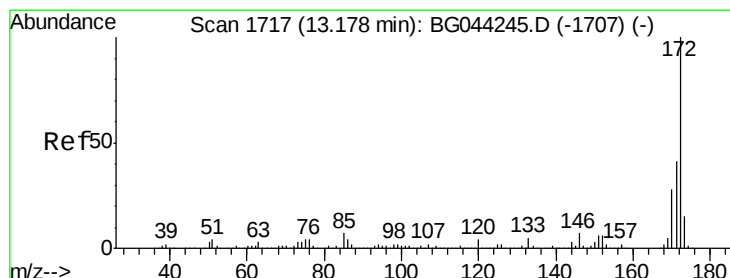
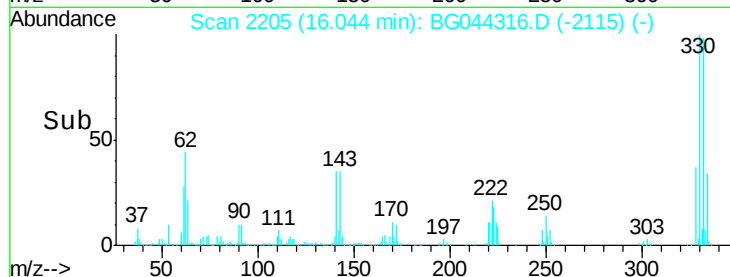
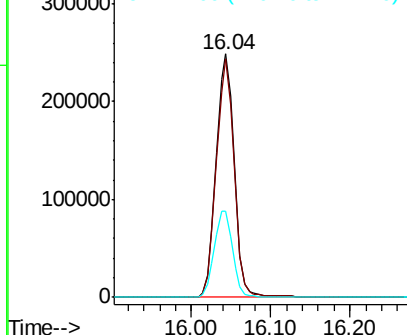
#42
 2,4,6-Tribromophenol
 Concen: 132.767 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG044316.D
 Acq: 5 Feb 2020 22:41

Instrument :
 BNA_G
 ClientSampleId :
 F06031

Tot Ion:330 Resp: 394644
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.2 115.8
 141 36.1 28.3 42.5

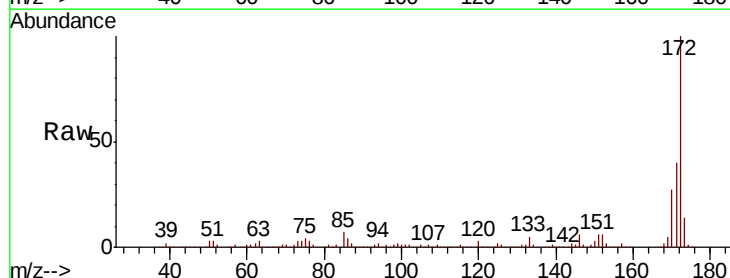


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

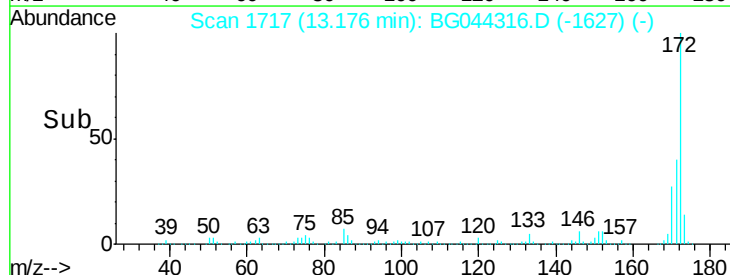
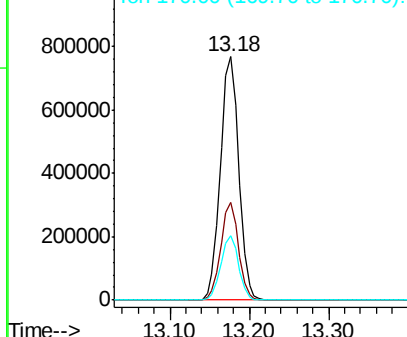


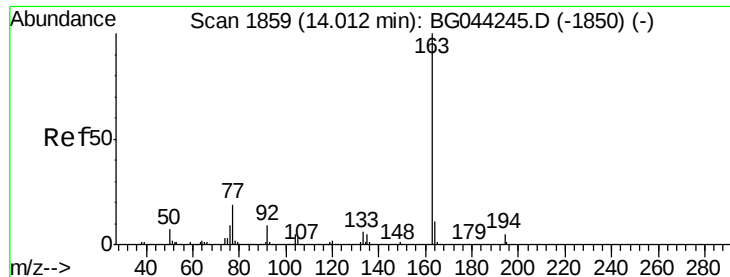
#45
 2-Fluorobiphenyl
 Concen: 81.900 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044316.D
 Acq: 5 Feb 2020 22:41

Tgt Ion:172 Resp: 1238368
 Ion Ratio Lower Upper
 172 100
 171 40.0 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: 7.808 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044316.D

Acq: 5 Feb 2020 22:41

Instrument :

BNA_G

ClientSampleId :

F06031

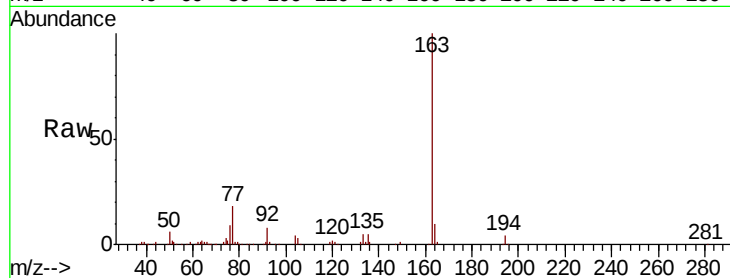
Tot Ion:163 Resp: 142119

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

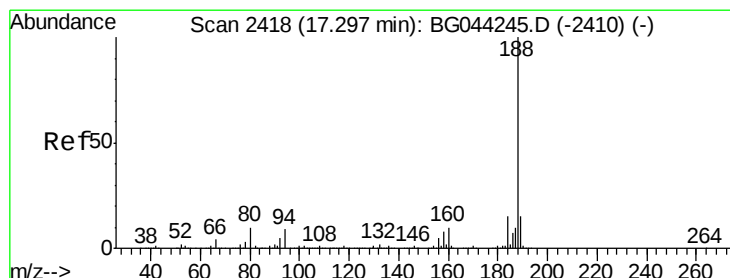
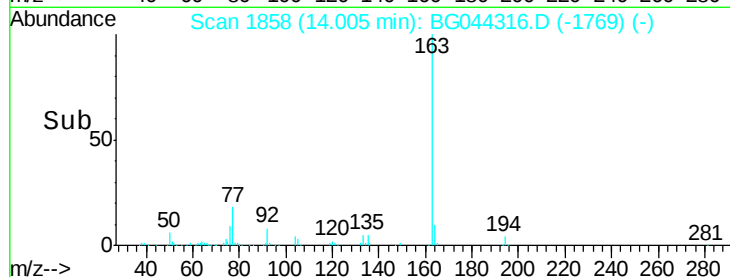
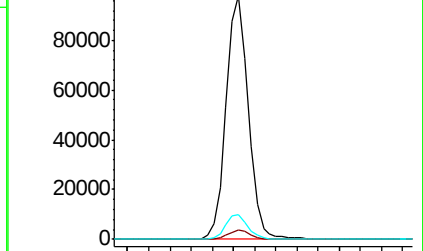
164 10.1 8.7 13.1



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: BG044316.D

Acq: 5 Feb 2020 22:41

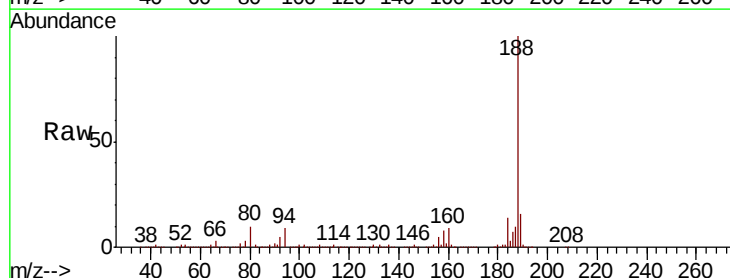
Tgt Ion:188 Resp: 559130

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

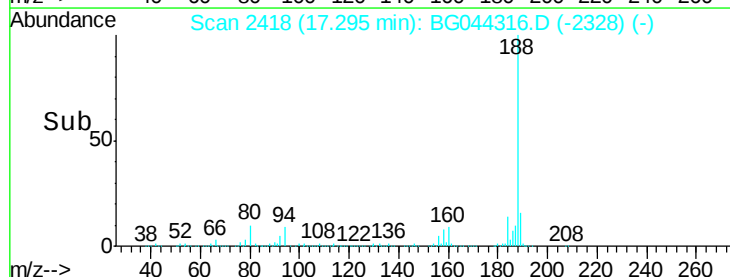
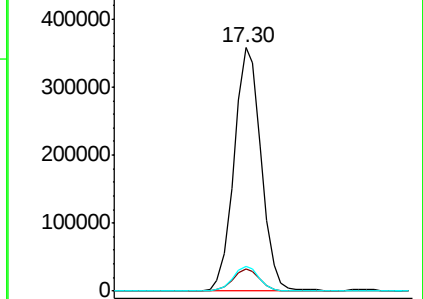
80 10.4 7.7 11.5

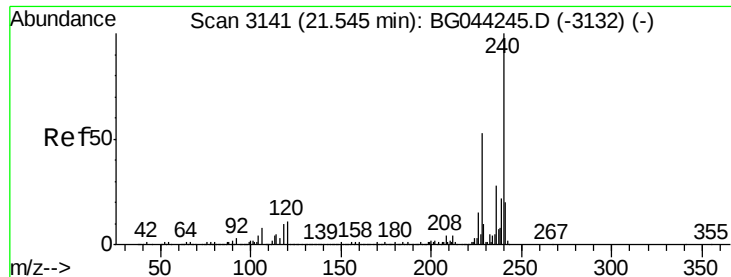


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG044316.D

Acq: 5 Feb 2020 22:41

Instrument :

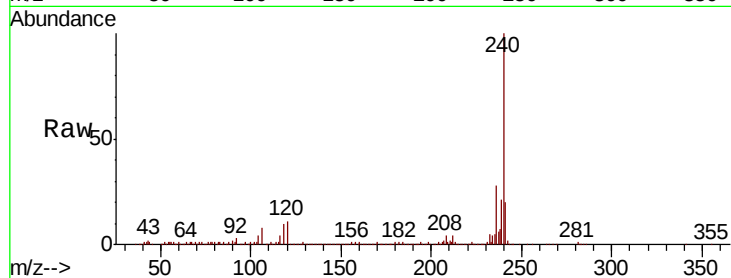
BNA_G

ClientSampleId :

F06031

Tot Ion:240 Resp: 497395

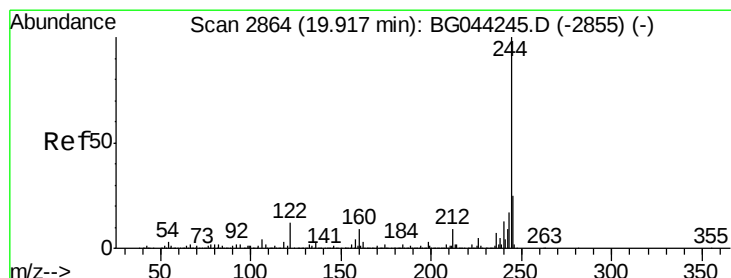
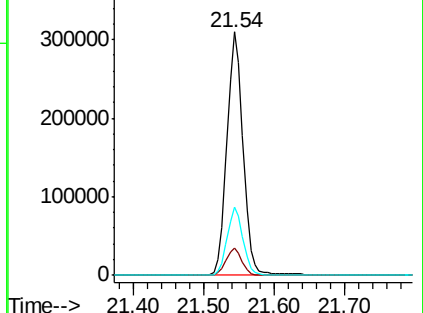
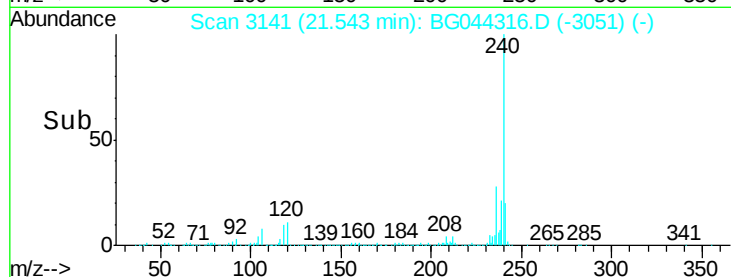
Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.4	12.6
236	27.9	22.1	33.1



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: 79.977 ng

RT: 19.92 min Scan# 2864

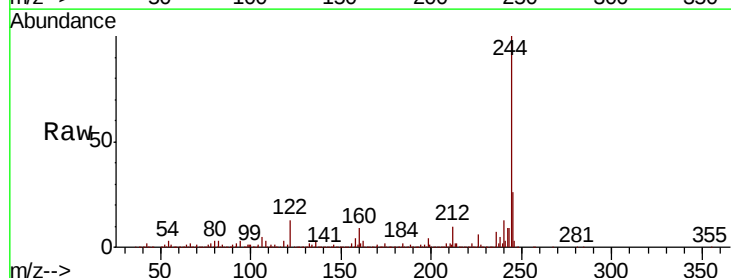
Delta R.T. -0.00 min

Lab File: BG044316.D

Acq: 5 Feb 2020 22:41

Tgt Ion:244 Resp: 1934002

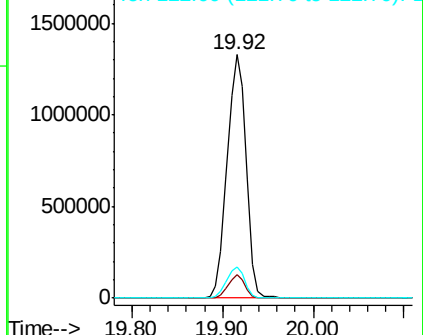
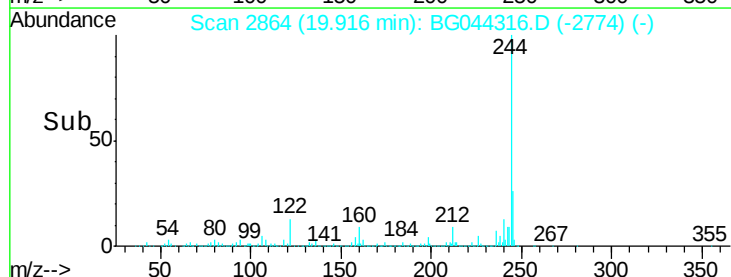
Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.4	11.2
122	13.1	9.8	14.6

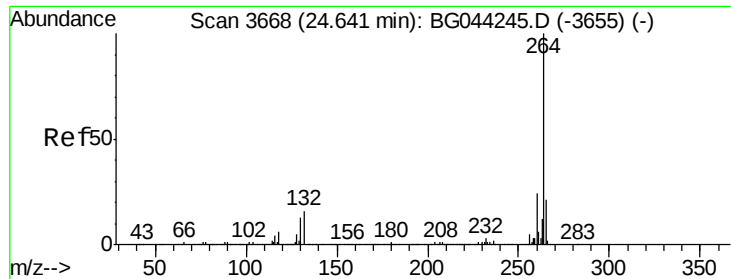


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG044316.D

Acq: 5 Feb 2020 22:41

Instrument :

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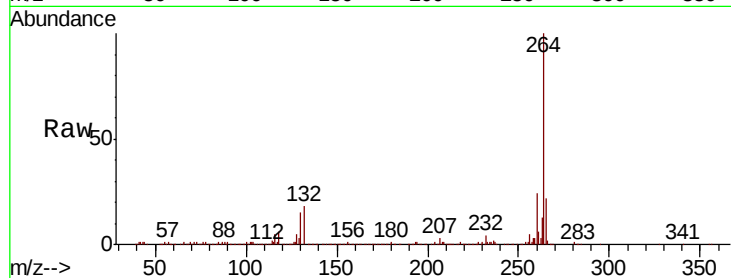
Tot Ion:264 Resp: 564854

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.5 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

