

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044476.D
 Acq On : 18 Feb 2020 17:21
 Operator : CG/JU
 Sample : L1365-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420

Quant Time: Feb 19 01:25:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

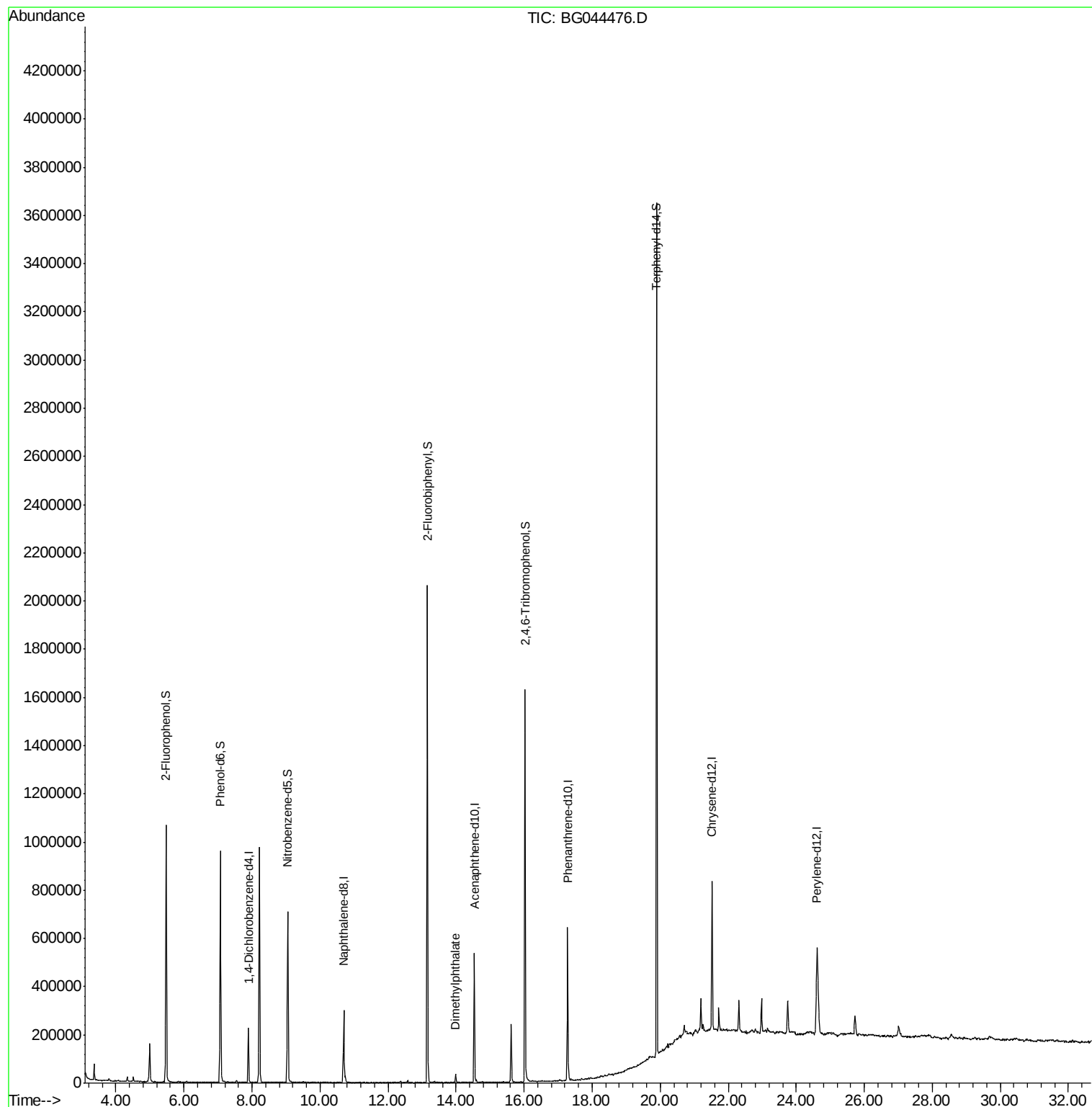
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	68078	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	287245	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	194407	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	408920	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	376289	20.00	ng	-0.01
87) Perylene-d12	24.61	264	408140	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	518095	134.31	ng	0.00
7) Phenol-d6	7.07	99	624779	120.61	ng	0.00
23) Nitrobenzene-d5	9.05	82	473393	93.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	332074	145.50	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1120575	96.52	ng	0.00
79) Terphenyl-d14	19.90	244	1657130	90.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.99	163	28253	2.022	ng	Qvalue 99

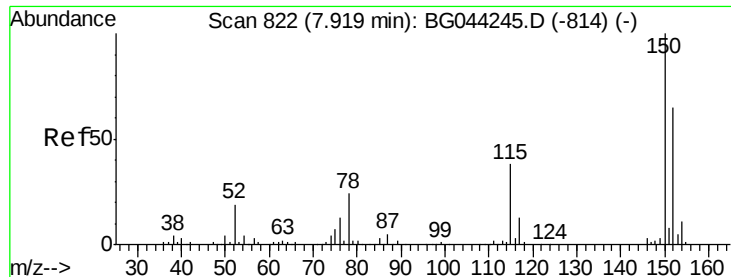
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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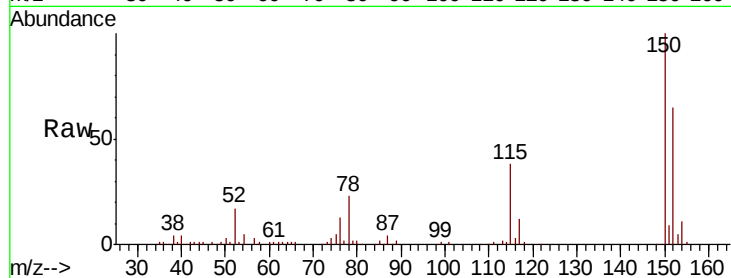


#1

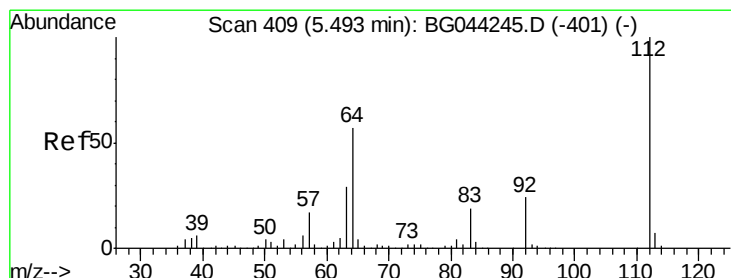
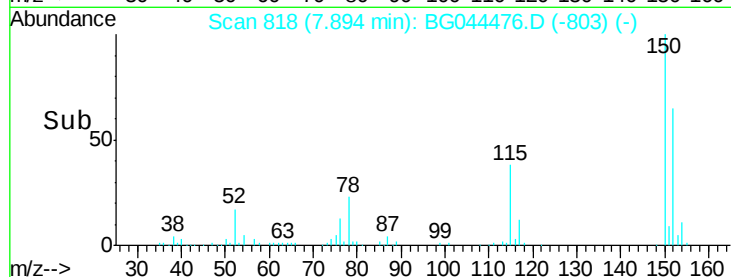
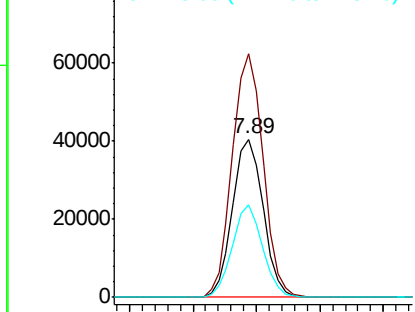
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044476.D
Acq: 18 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
CL-02-021420

Tot Ion:152 Resp: 68078
Ion Ratio Lower Upper
152 100
150 153.7 122.6 183.8
115 58.2 46.0 69.0



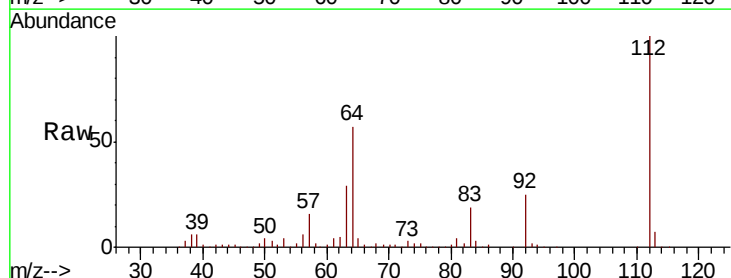
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



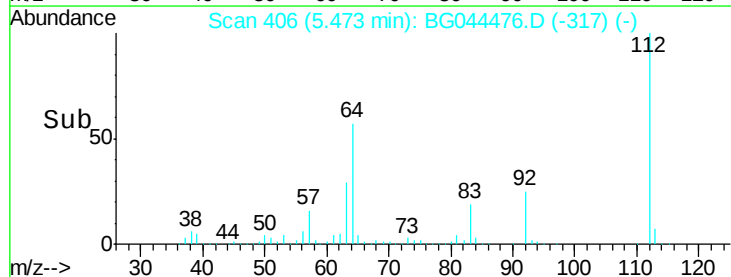
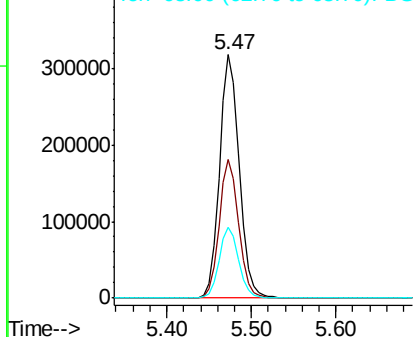
#5

2-Fluorophenol
Concen: 134.310 ng
RT: 5.47 min Scan# 406
Delta R.T. -0.01 min
Lab File: BG044476.D
Acq: 18 Feb 2020 17:21

Tgt Ion:112 Resp: 518095
Ion Ratio Lower Upper
112 100
64 57.0 45.4 68.2
63 29.2 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: 120.614 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044476.D

Acq: 18 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

CL-02-021420

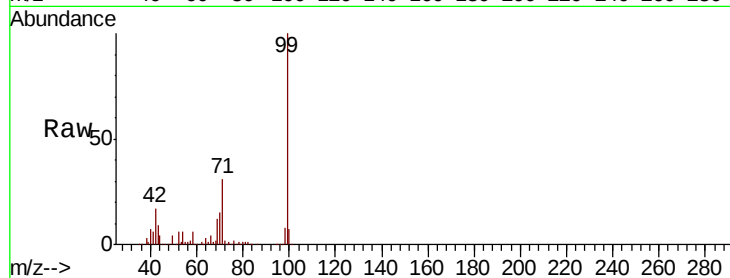
Tot Ion: 99 Resp: 624779

Ion Ratio Lower Upper

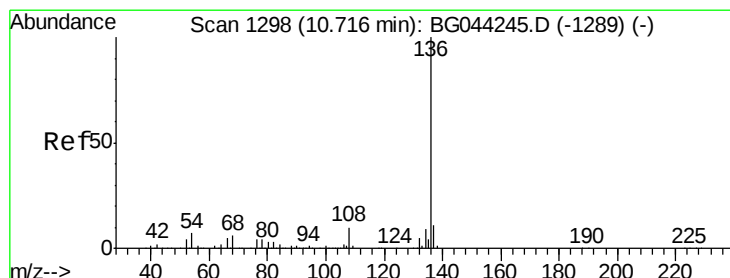
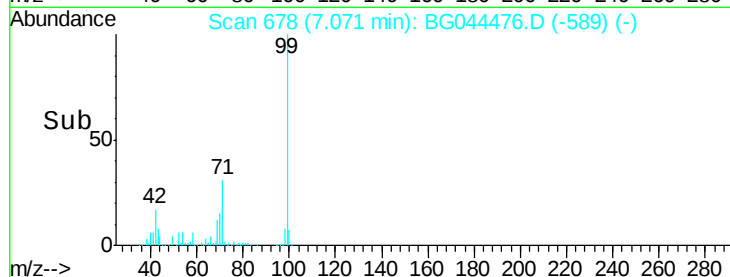
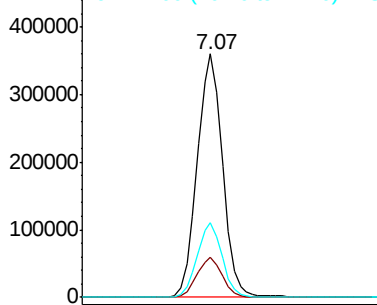
99 100

42 16.5 13.8 20.6

71 30.7 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: 10.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG044476.D

Acq: 18 Feb 2020 17:21

Tgt Ion: 136 Resp: 287245

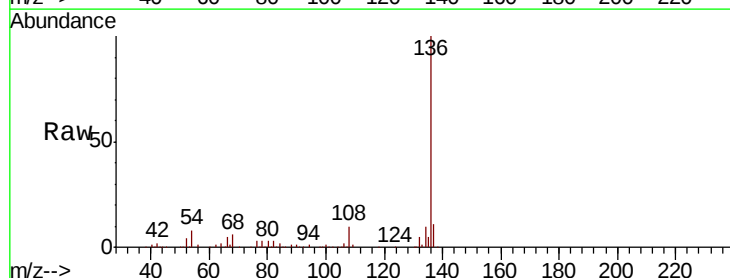
Ion Ratio Lower Upper

136 100

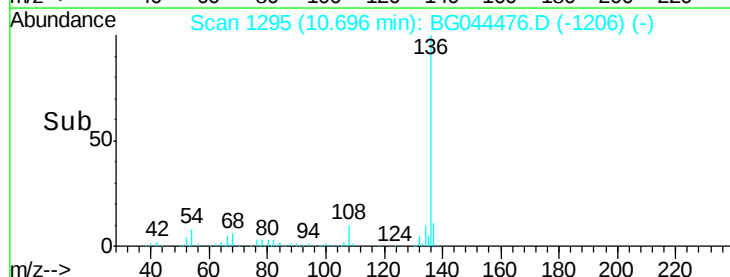
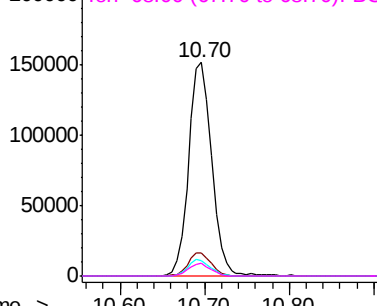
137 11.1 8.8 13.2

54 7.5 5.8 8.8

68 5.9 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

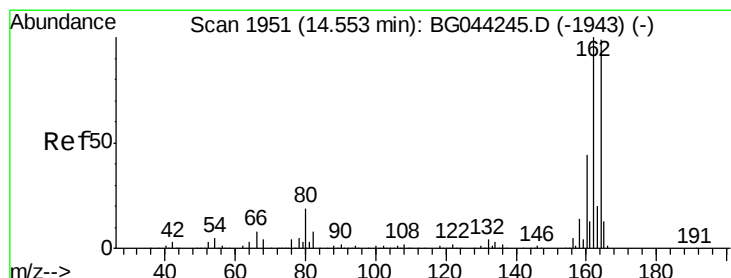
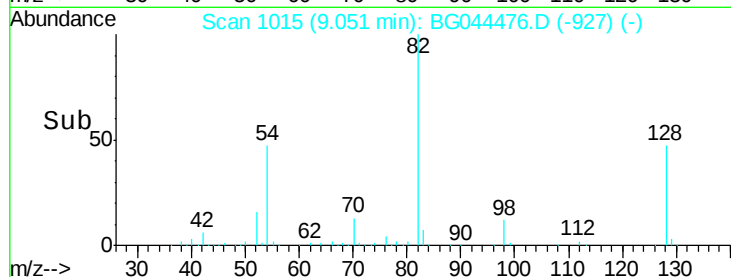
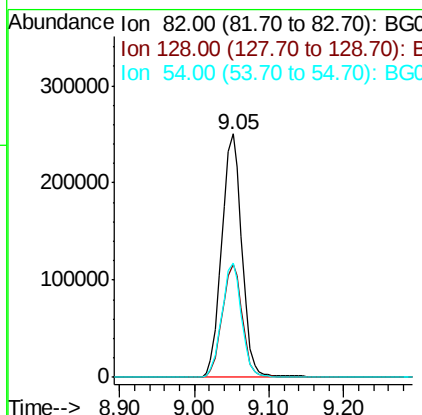
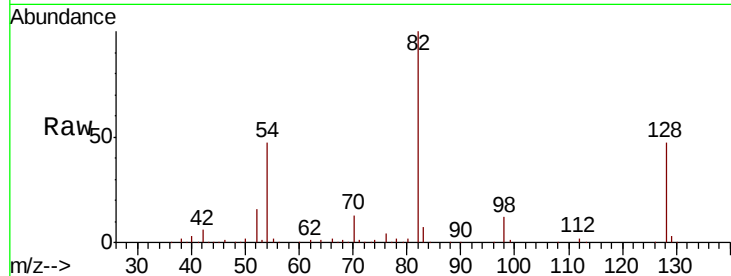




#23
Nitrobenzene-d5
Concen: 93.043 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044476.D
Acq: 18 Feb 2020 17:21

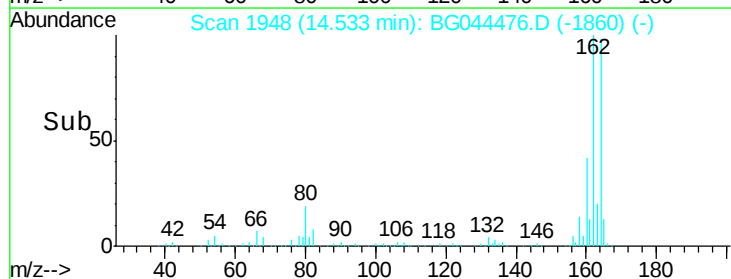
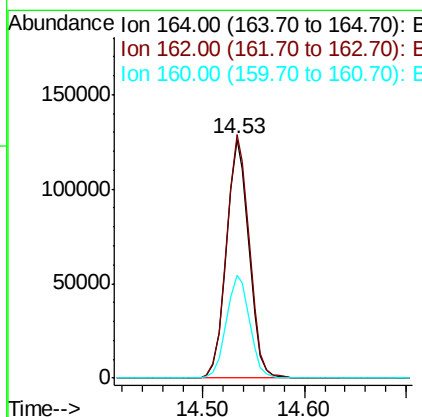
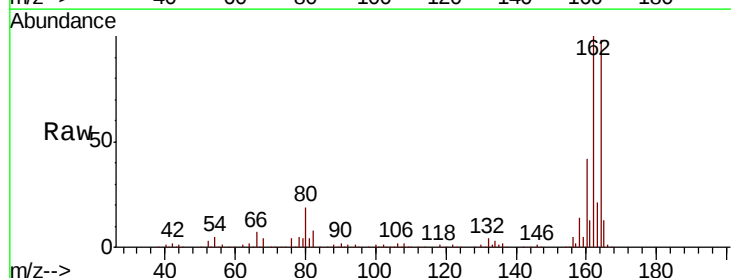
Instrument :
BNA_G
ClientSampleId :
CL-02-021420

Tot Ion	82	Resp	473393
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.5	54.7
54	46.8	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044476.D
Acq: 18 Feb 2020 17:21

Tgt Ion	164	Resp	194407
Ion Ratio	Lower	Upper	
164	100		
162	101.9	80.7	121.1
160	43.2	35.3	52.9

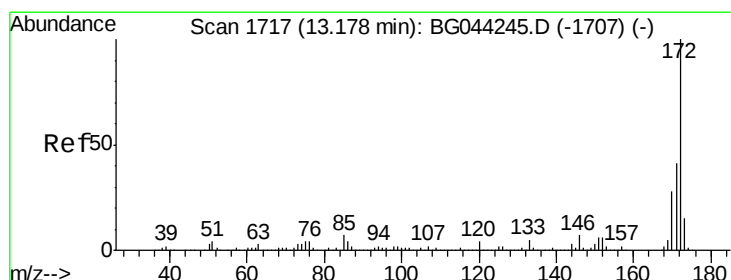
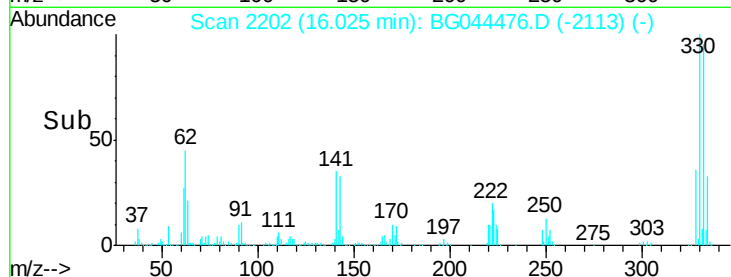
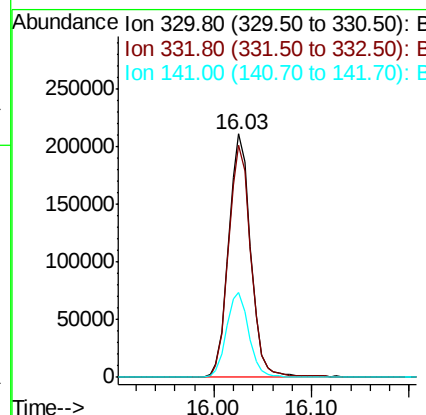
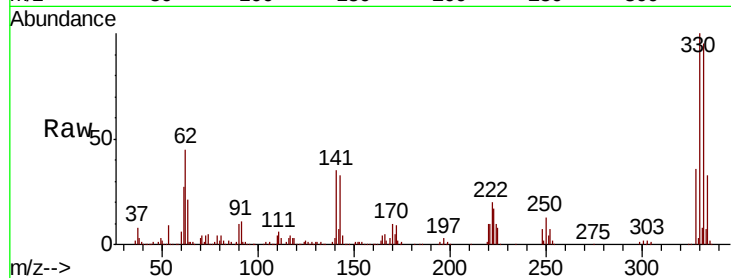




#42
 2,4,6-Tribromophenol
 Concen: 145.504 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BG044476.D
 Acq: 18 Feb 2020 17:21

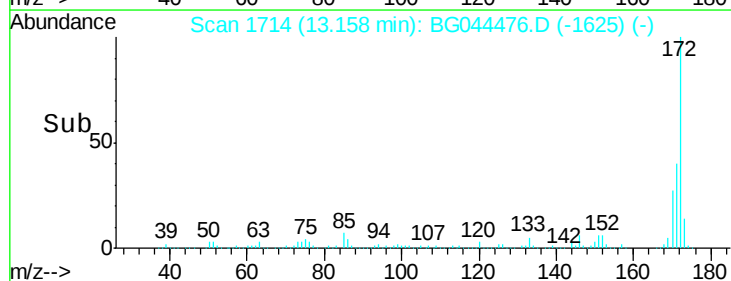
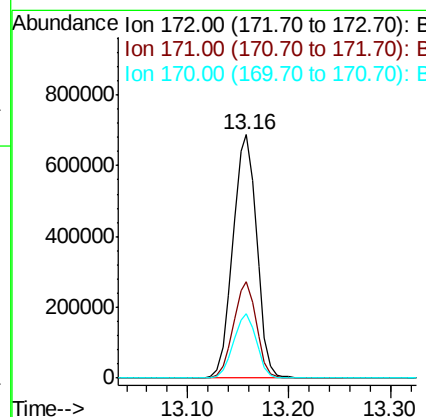
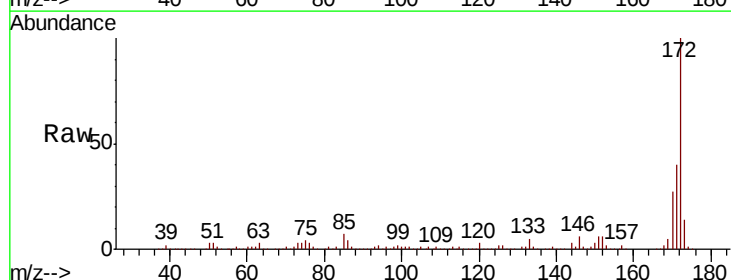
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.2	115.8
141	35.1	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 96.522 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG044476.D
 Acq: 18 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	32.9	49.3
170	26.5	22.0	33.0





#50

Dimethylphthalate

Concen: 2.022 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044476.D

Acq: 18 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

CL-02-021420

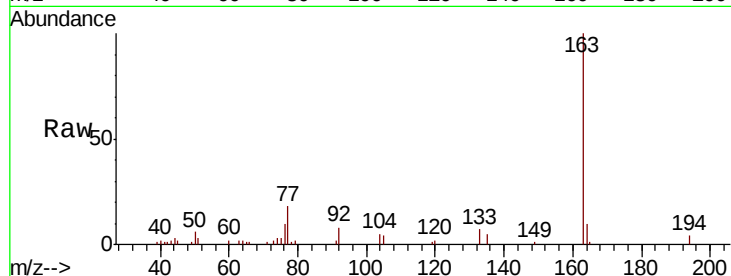
Tot Ion:163 Resp: 28253

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

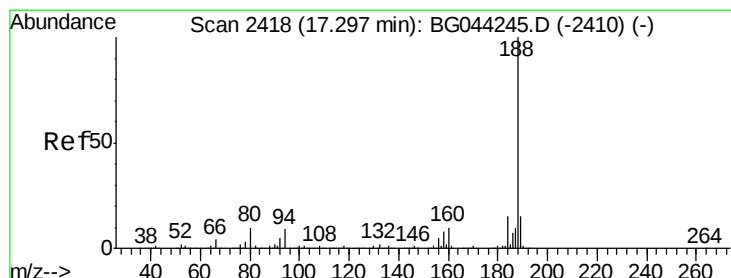
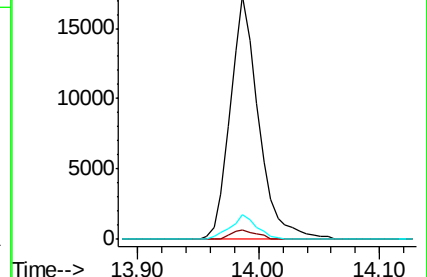
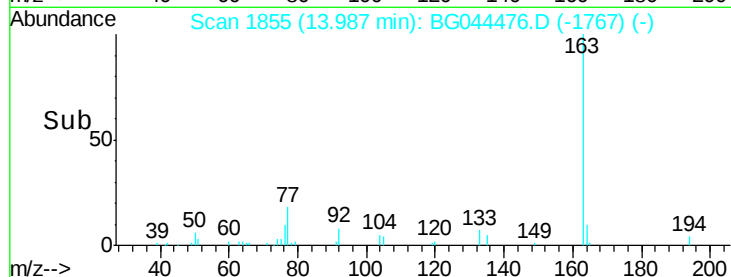
164 10.4 8.7 13.1



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: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044476.D

Acq: 18 Feb 2020 17:21

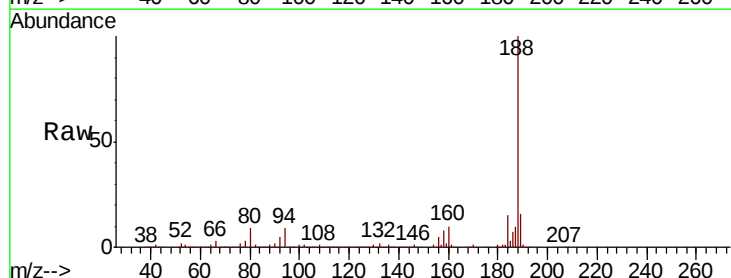
Tgt Ion:188 Resp: 408920

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

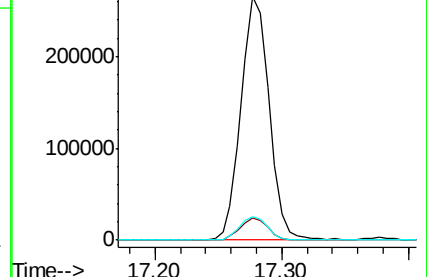
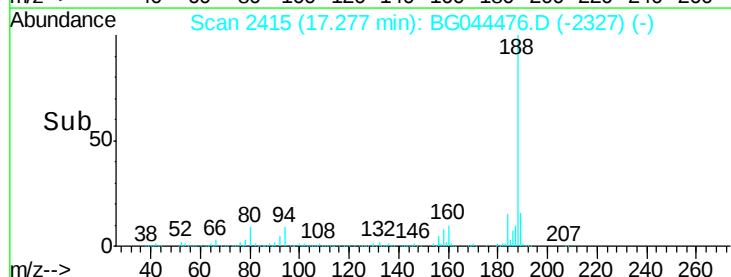
80 9.5 7.7 11.5

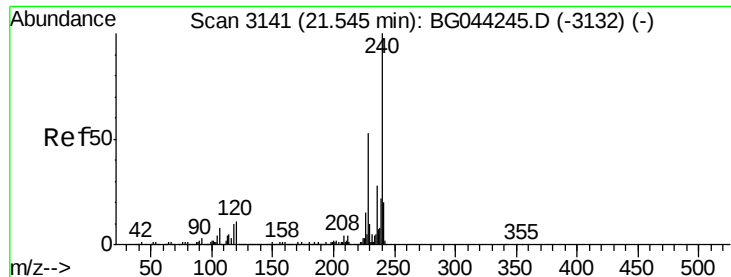


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044476.D

Acq: 18 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

CL-02-021420

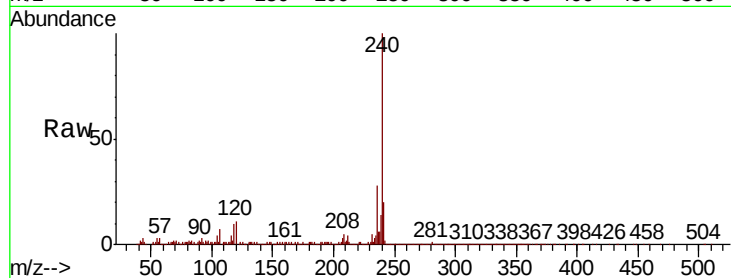
Tot Ion:240 Resp: 376289

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

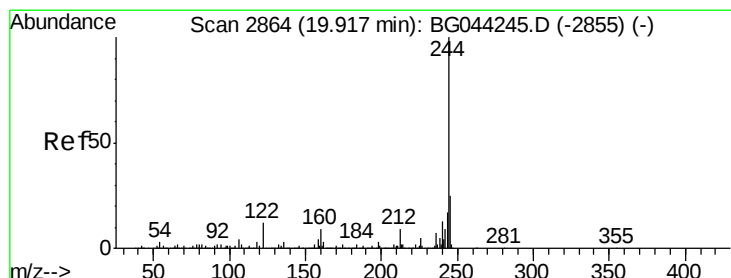
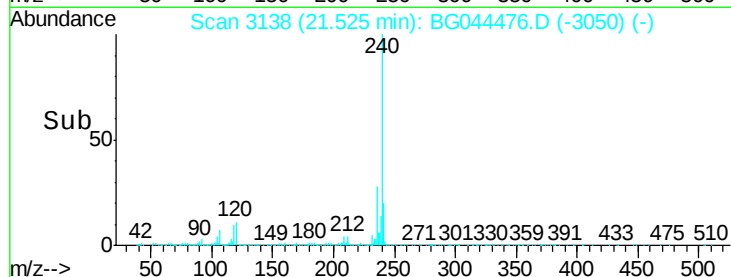
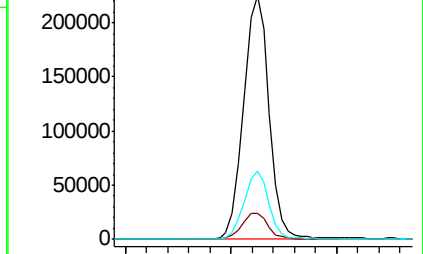
236 27.9 22.1 33.1



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: 90.582 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044476.D

Acq: 18 Feb 2020 17:21

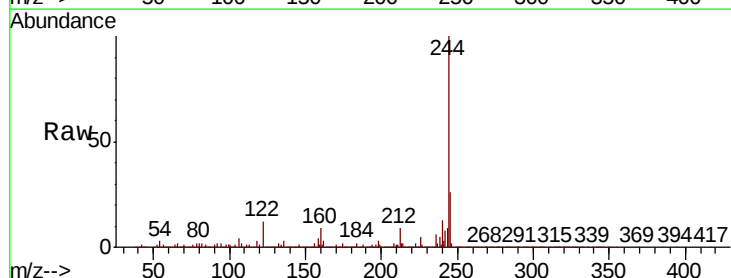
Tgt Ion:244 Resp: 1657130

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.2

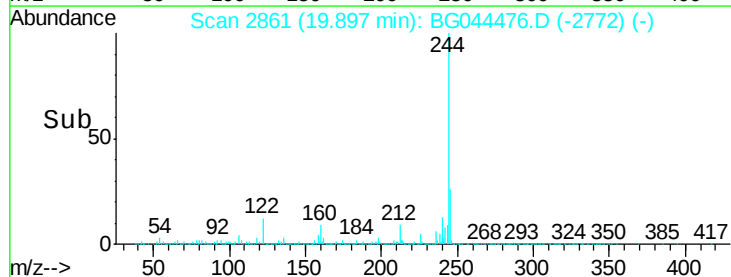
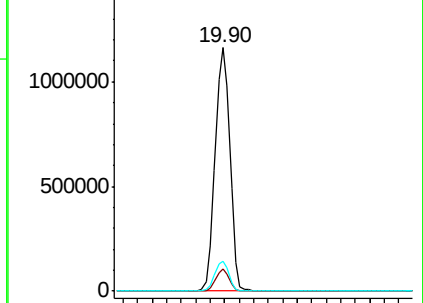
122 12.4 9.8 14.6

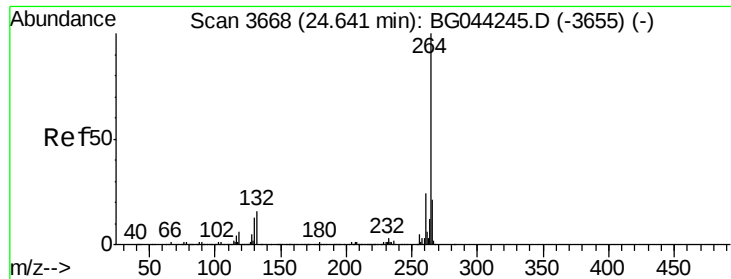


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

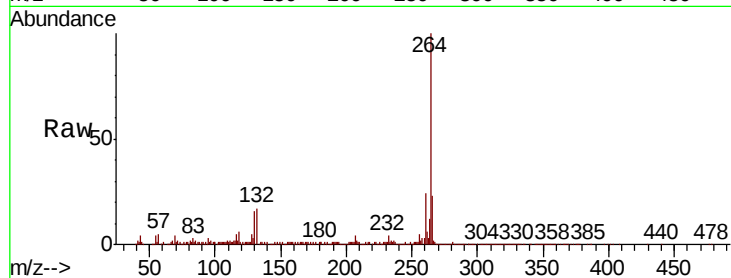




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044476.D
Acq: 18 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
CL-02-021420

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.6	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

