

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043422.D
 Acq On : 31 Oct 2019 5:08
 Operator : JU
 Sample : K5587-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-9

Quant Time: Oct 31 08:34:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

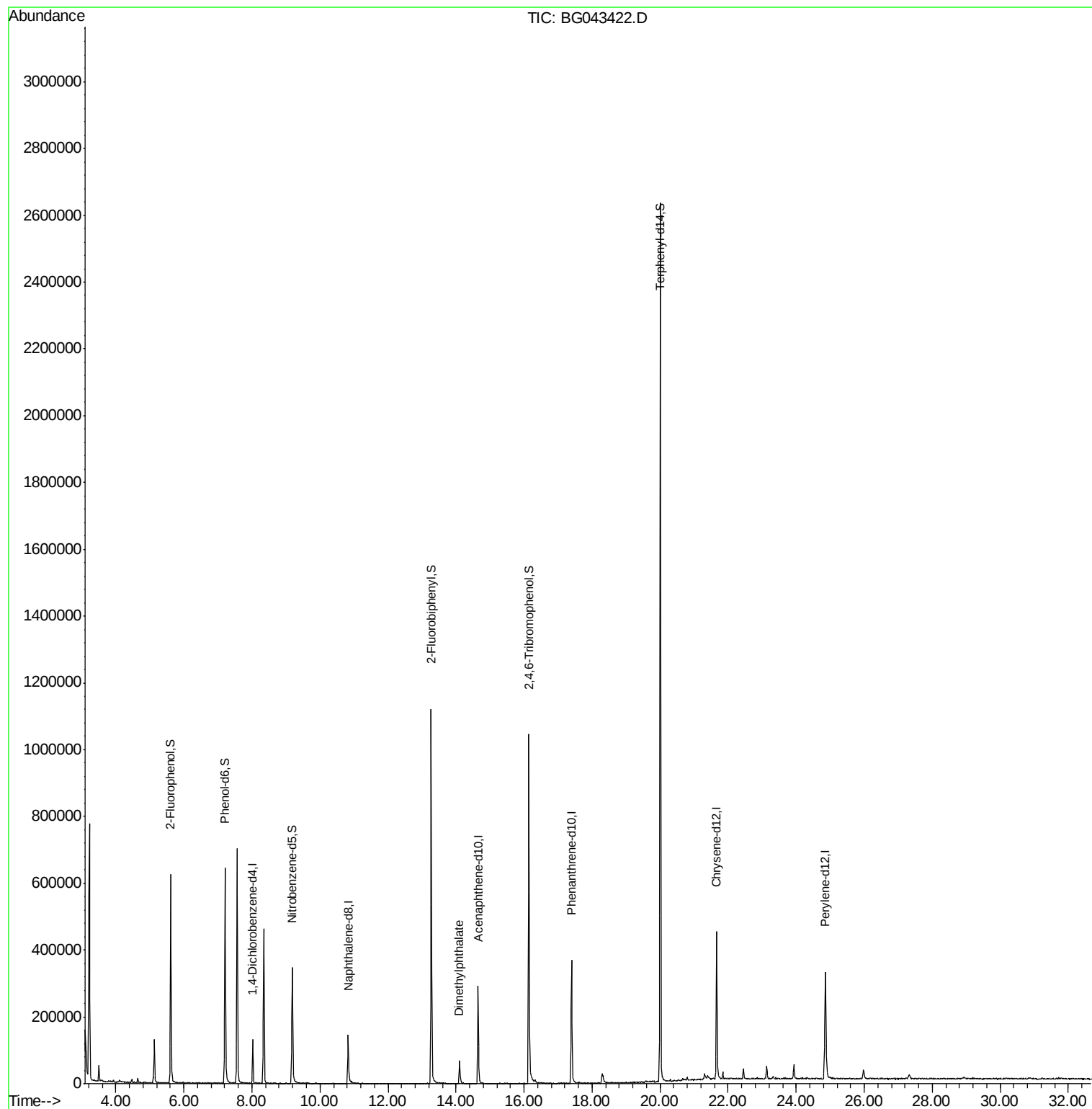
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41200	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	152579	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	113830	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	271373	20.00	ng	0.00
76) Chrysene-d12	21.66	240	297903	20.00	ng	0.00
87) Perylene-d12	24.86	264	345113	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	293481	130.53	ng	0.01
7) Phenol-d6	7.21	99	409538	126.60	ng	0.00
23) Nitrobenzene-d5	9.19	82	244416	82.59	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	269450	124.39	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	656436	79.69	ng	0.00
79) Terphenyl-d14	20.00	244	1436759	90.48	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	64209	7.282	ng	Qvalue 99

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

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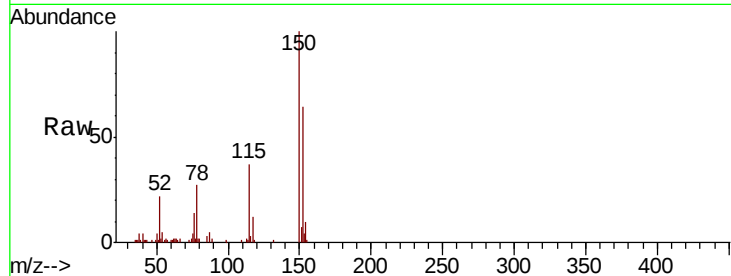


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043422.D
Acq: 31 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-9

Tot Ion	152	Resp	41200
Ion Ratio	Lower	Upper	
152	100		
150	156.1	113.6	170.4
115	57.1	45.9	68.9

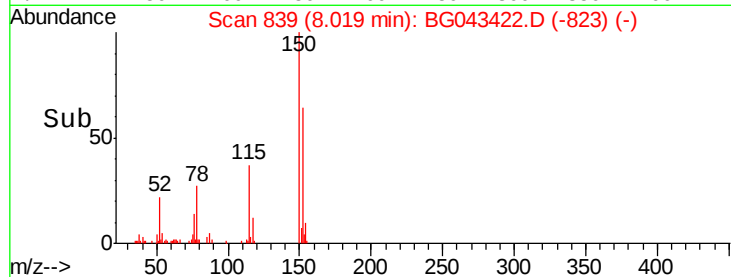
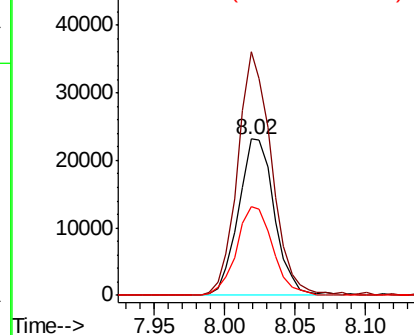


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

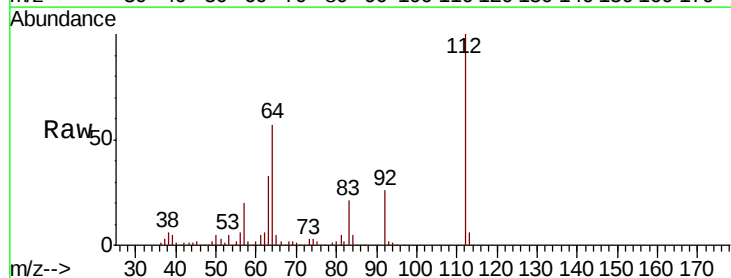
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.531 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043422.D
Acq: 31 Oct 2019 5:08

Tgt Ion	112	Resp	293481
Ion Ratio	Lower	Upper	
112	100		
64	57.5	50.2	75.2
63	33.4	26.7	40.1

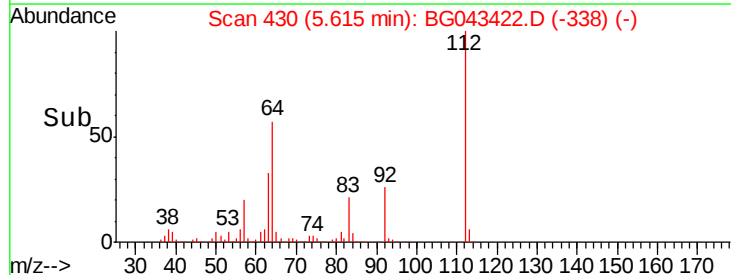
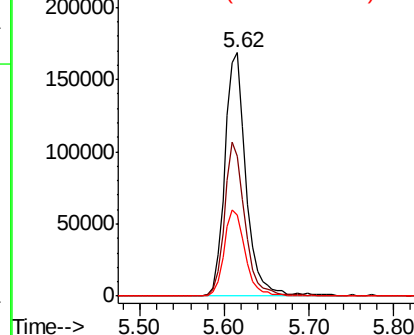


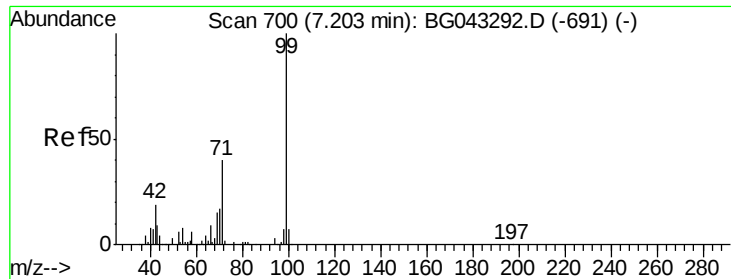
Abundance

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: 126.601 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043422.D

Acq: 31 Oct 2019 5:08

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-9

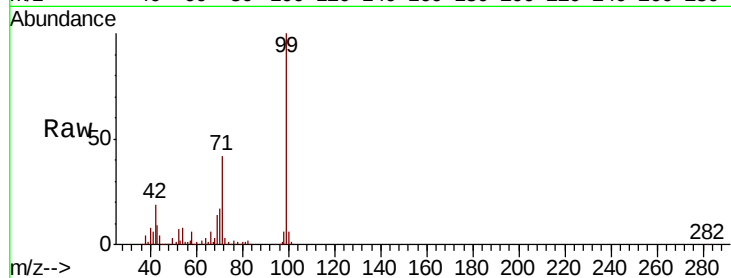
Tot Ion: 99 Resp: 409538

Ion Ratio Lower Upper

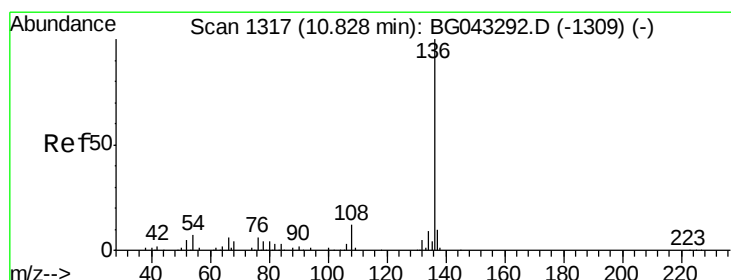
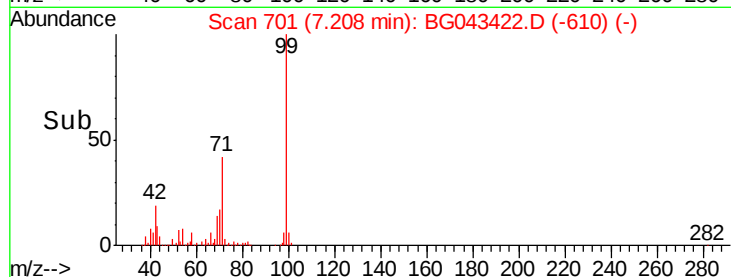
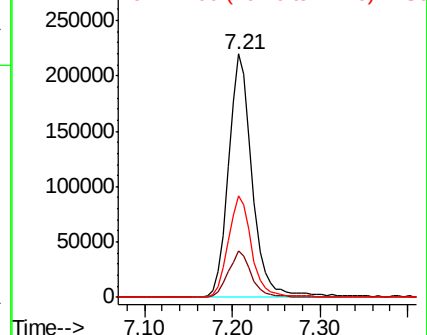
99 100

42 19.1 14.9 22.3

71 41.8 32.2 48.2



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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043422.D

Acq: 31 Oct 2019 5:08

Tgt Ion: 136 Resp: 152579

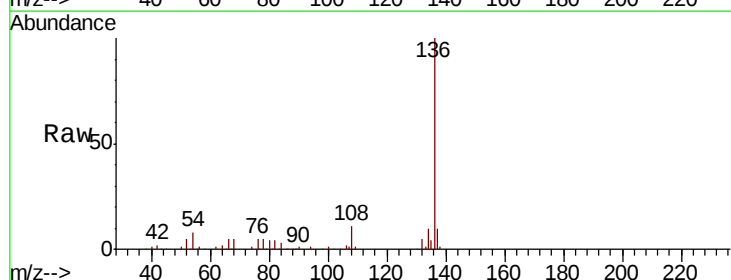
Ion Ratio Lower Upper

136 100

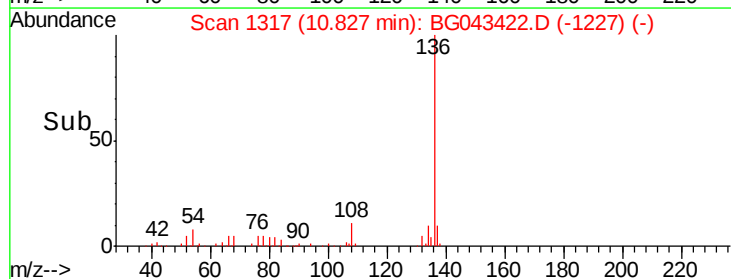
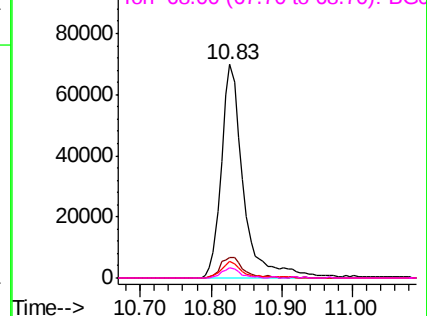
137 9.8 8.2 12.2

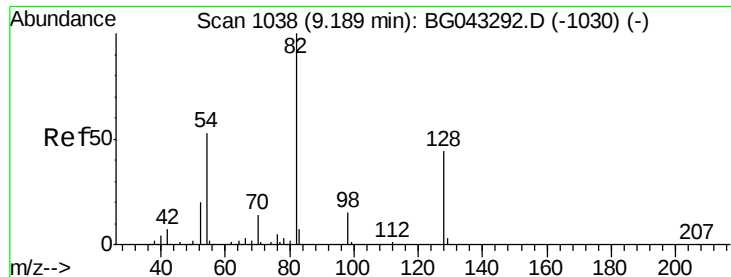
54 7.5 5.4 8.2

68 4.9 3.3 4.9



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: 82.585 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG043422.D

Acq: 31 Oct 2019 5:08

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-9

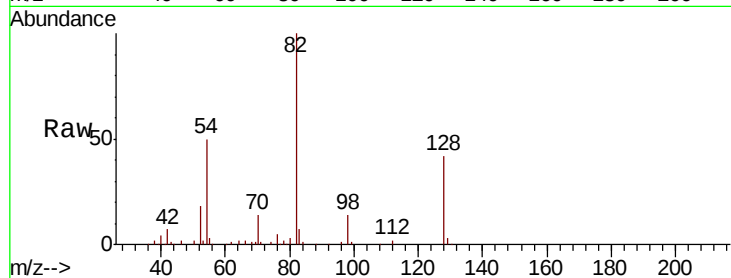
Tot Ion: 82 Resp: 244416

Ion Ratio Lower Upper

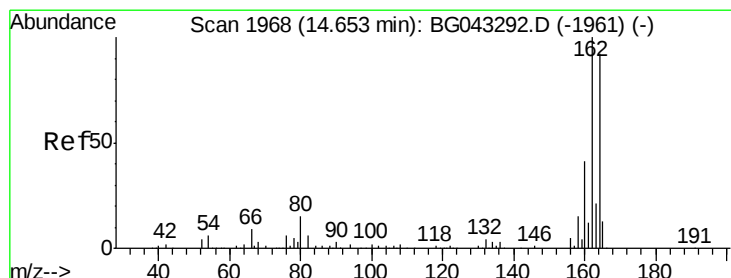
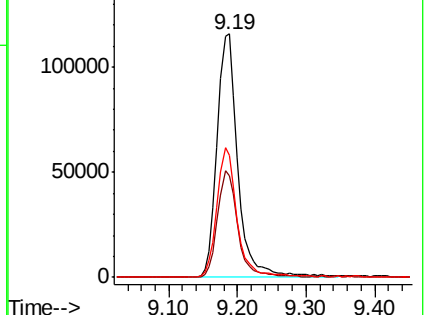
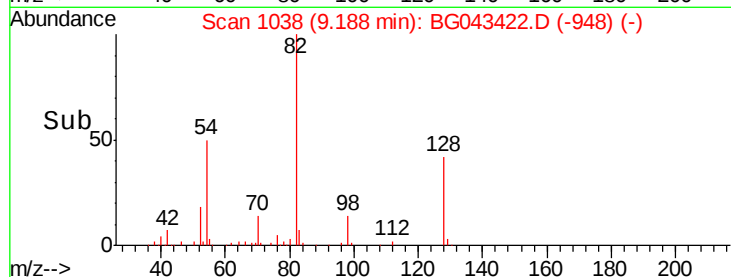
82 100

128 41.6 35.3 52.9

54 50.1 42.3 63.5



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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043422.D

Acq: 31 Oct 2019 5:08

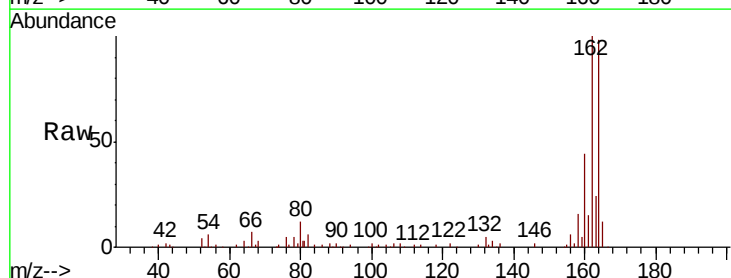
Tgt Ion: 164 Resp: 113830

Ion Ratio Lower Upper

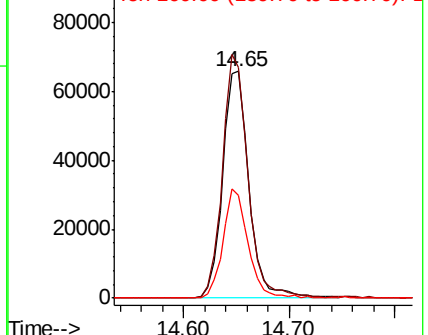
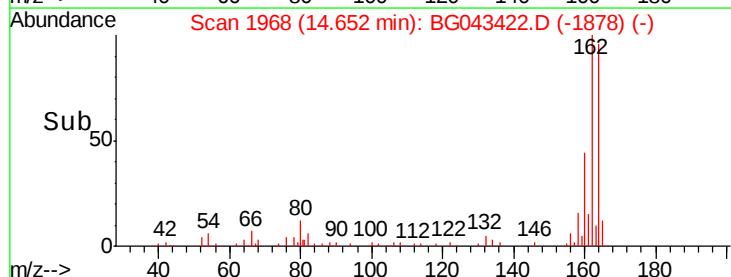
164 100

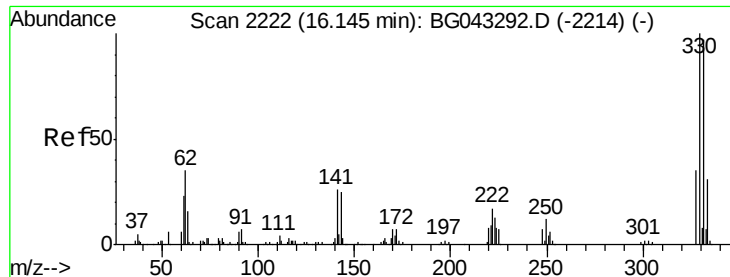
162 101.9 87.0 130.4

160 45.2 35.5 53.3



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

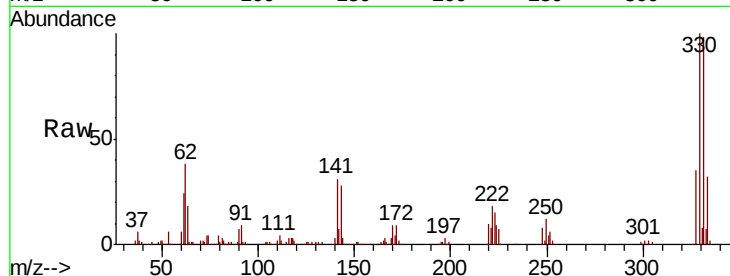




#42
 2,4,6-Tribromophenol
 Concen: 124.389 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043422.D
 Acq: 31 Oct 2019 5:08

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.4	114.6
141	28.4	21.4	32.0

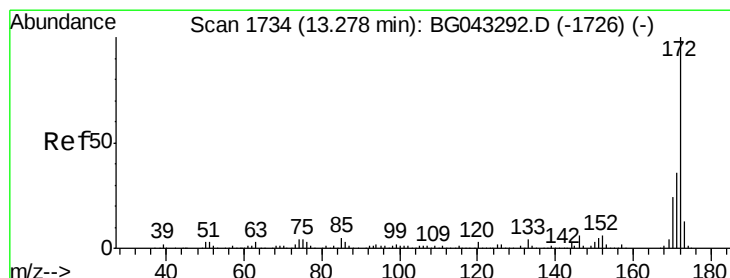
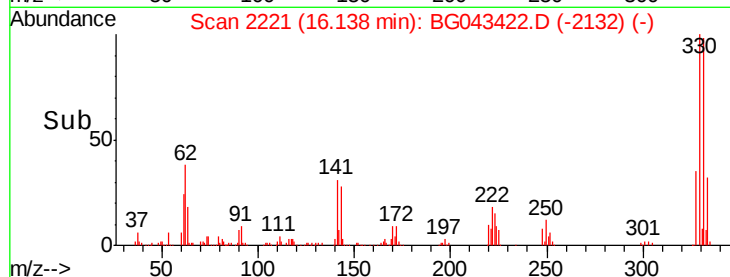
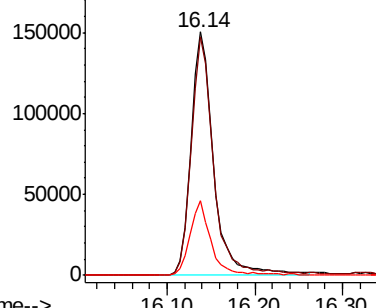


Abundance

Ion 329.80 (329.50 to 330.50): E

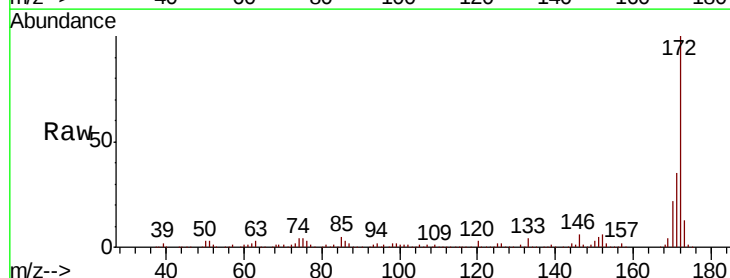
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.686 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043422.D
 Acq: 31 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	22.4	18.8	28.2

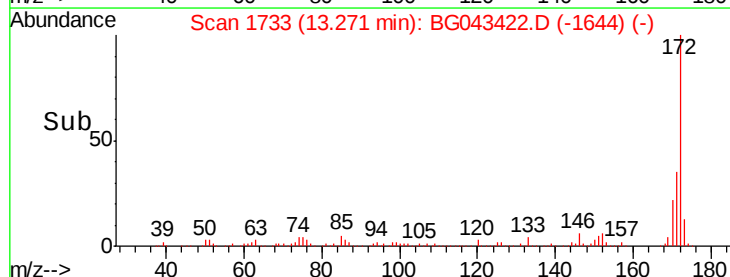
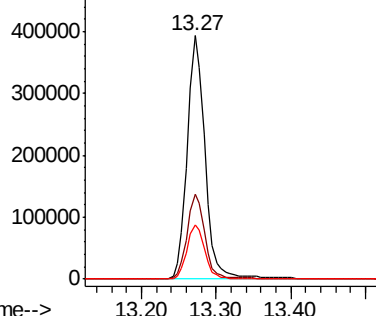


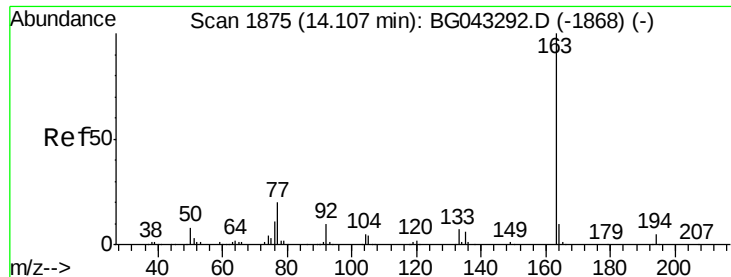
Abundance

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: 7.282 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG043422.D

Acq: 31 Oct 2019 5:08

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-9

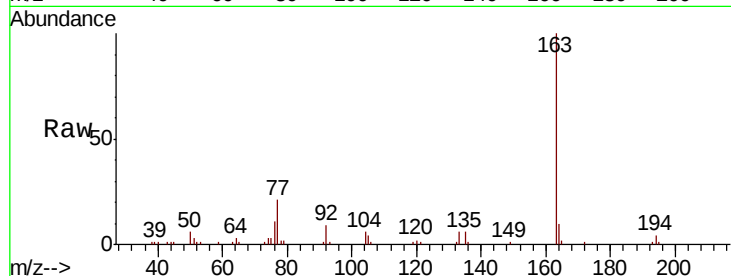
Tot Ion:163 Resp: 64209

Ion Ratio Lower Upper

163 100

194 4.0 3.7 5.5

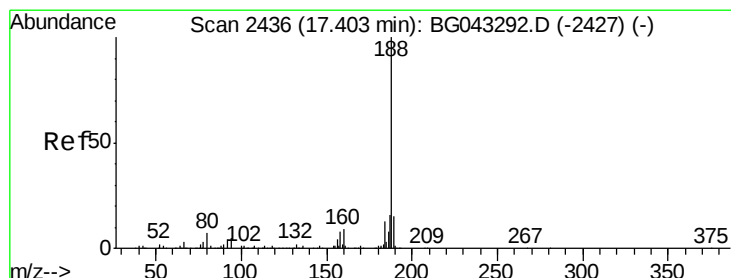
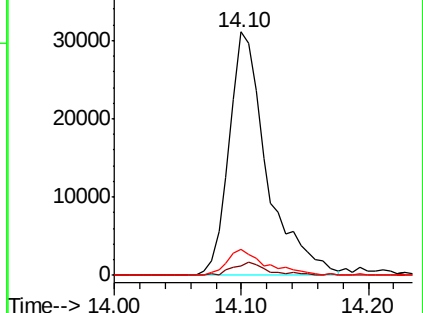
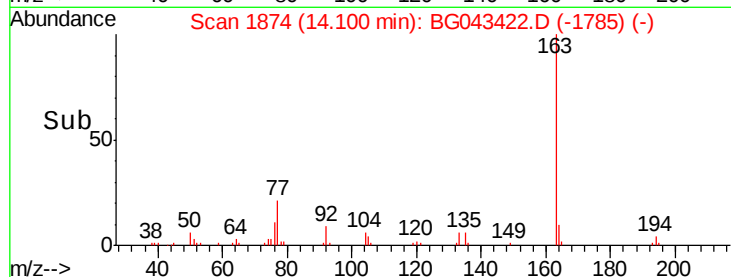
164 10.5 8.1 12.1



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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043422.D

Acq: 31 Oct 2019 5:08

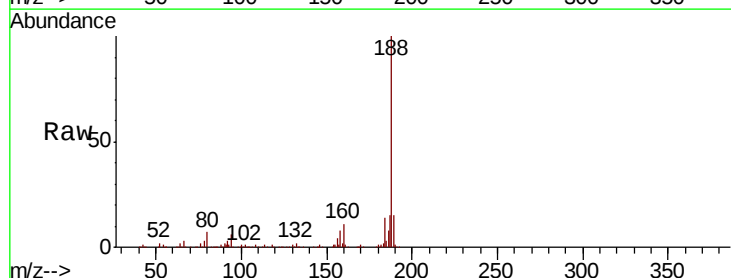
Tgt Ion:188 Resp: 271373

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.2

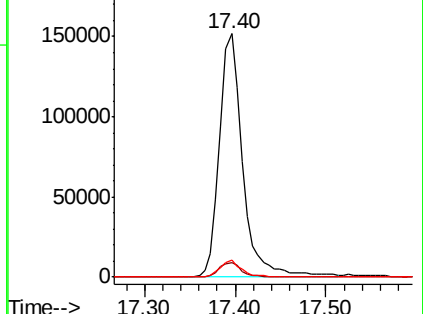
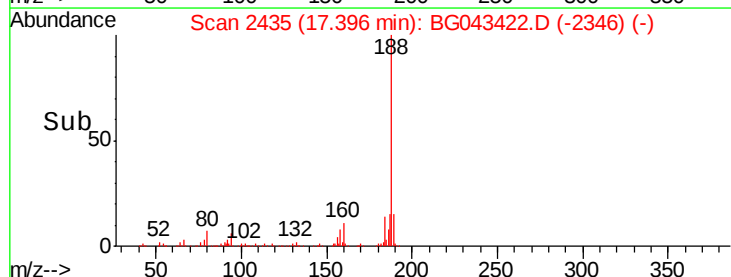
80 7.1 5.2 7.8

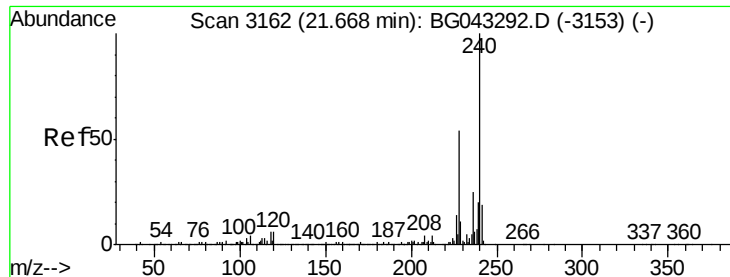


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043422.D

Acq: 31 Oct 2019 5:08

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-9

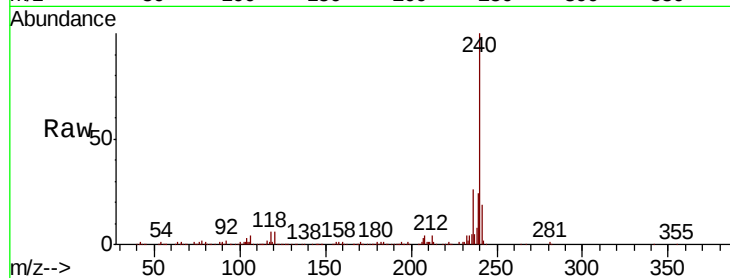
Tot Ion:240 Resp: 297903

Ion Ratio Lower Upper

240 100

120 5.6 4.6 7.0

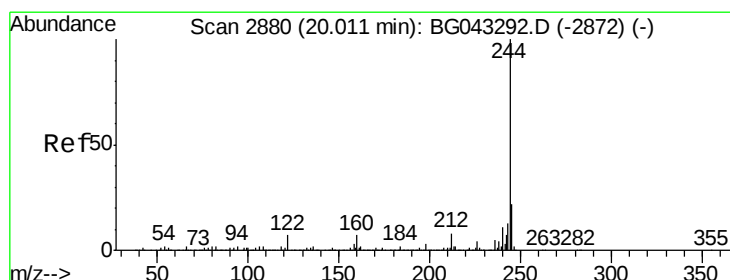
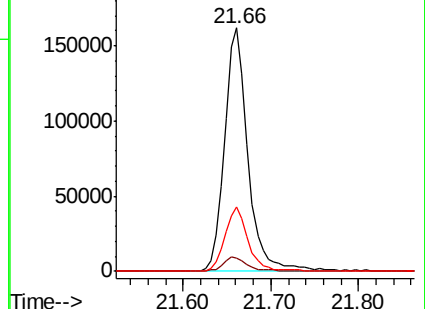
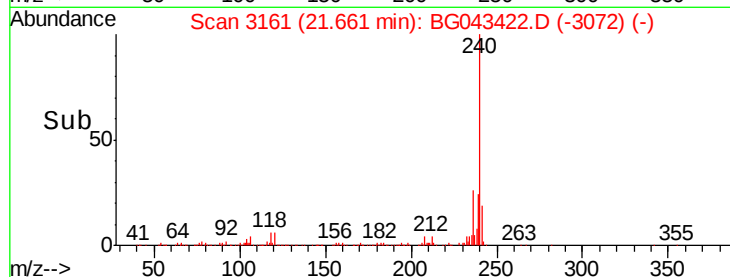
236 26.2 20.2 30.4



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: 90.481 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043422.D

Acq: 31 Oct 2019 5:08

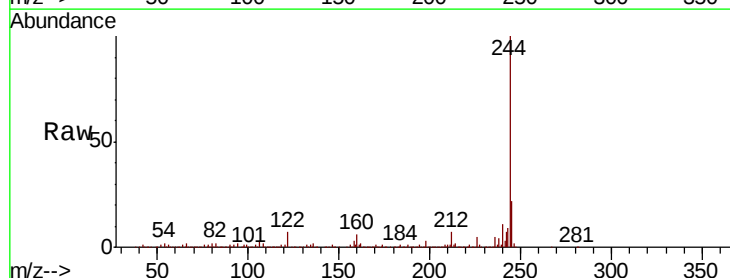
Tgt Ion:244 Resp: 1436759

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

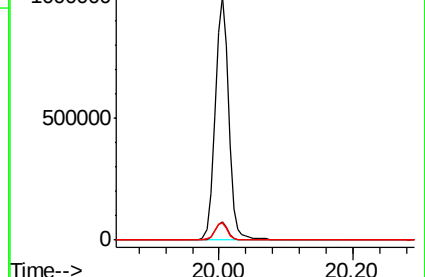
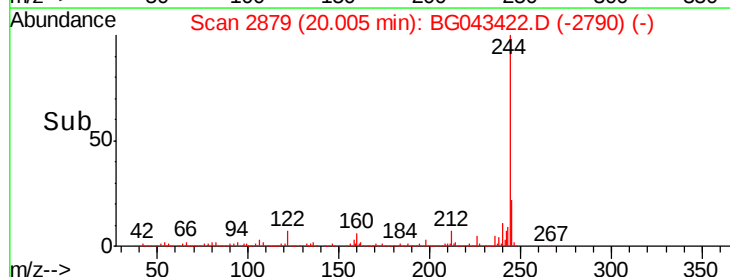
122 6.9 5.3 7.9

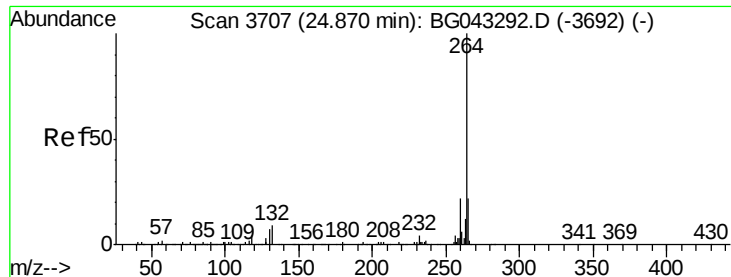


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

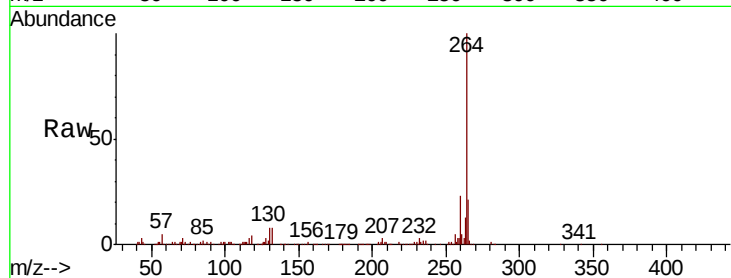




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043422.D
Acq: 31 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-9

Tot Ion:	264	Resp:	345113
Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	21.3	17.4	26.2



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

