

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044546.D
 Acq On : 21 Feb 2020 12:58
 Operator : CG/JU
 Sample : PB126914BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126914BL

Quant Time: Feb 21 16:21:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	49556	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	203403	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	143450	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	376880	20.00	ng	0.00
76) Chrysene-d12	21.51	240	379878	20.00	ng	0.00
87) Perylene-d12	24.58	264	415146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	405825	144.53	ng	0.00
7) Phenol-d6	7.06	99	531676	141.00	ng	0.00
23) Nitrobenzene-d5	9.04	82	313313	86.96	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	265957	157.93	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	814618	95.09	ng	0.00
79) Terphenyl-d14	19.88	244	1767940	95.73	ng	0.00

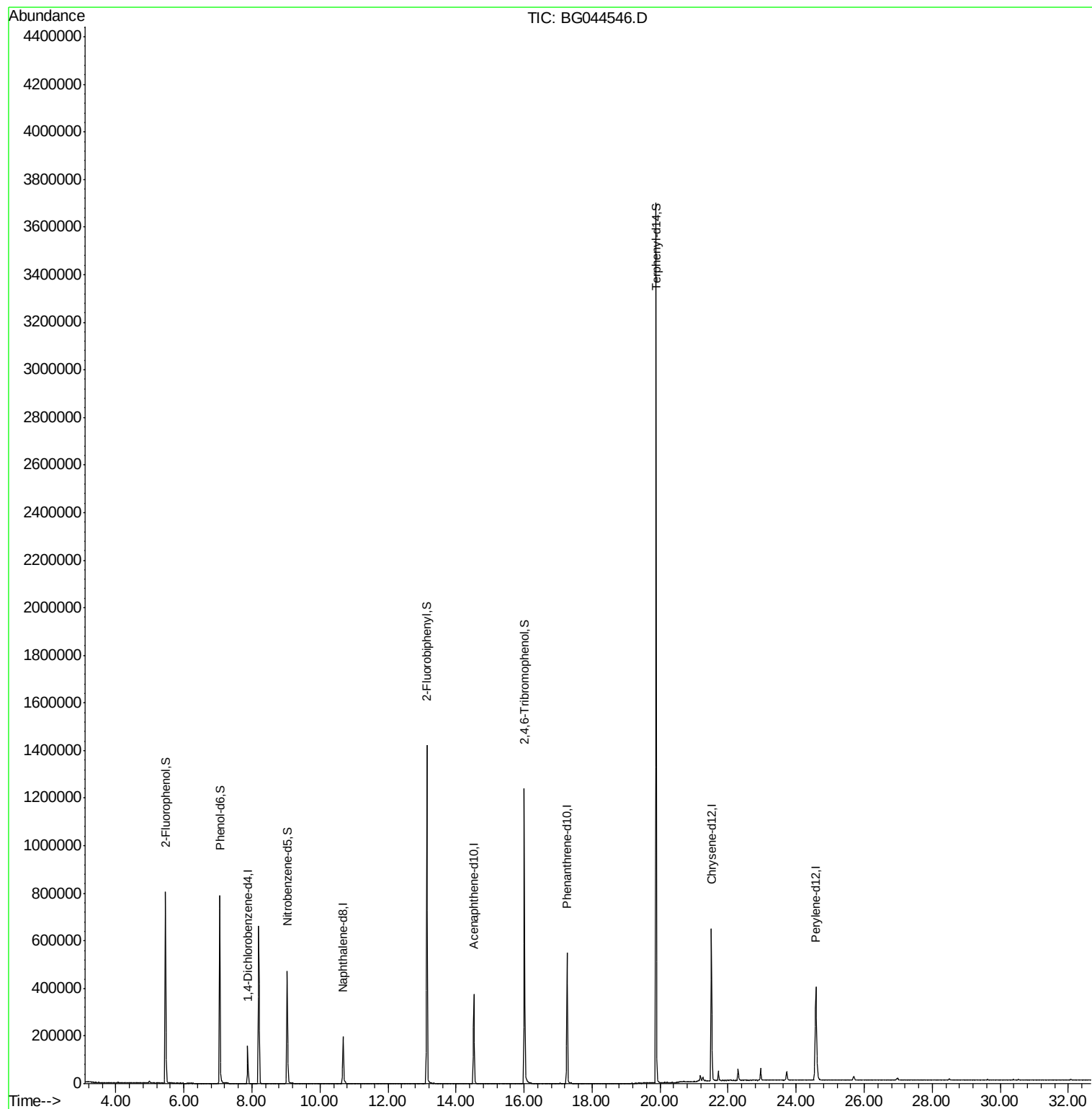
Target Compounds Qvalue

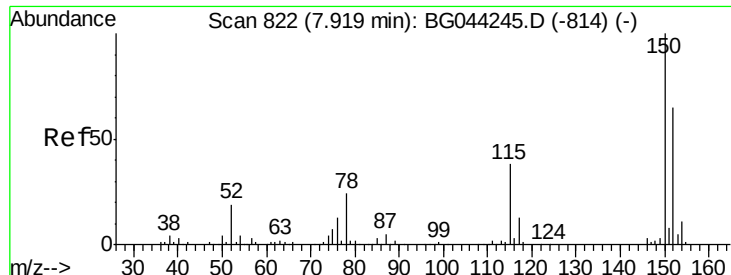
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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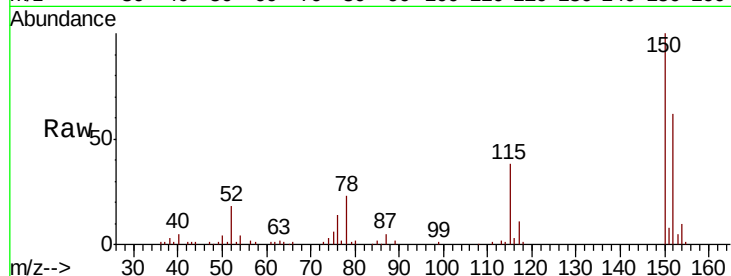


#1

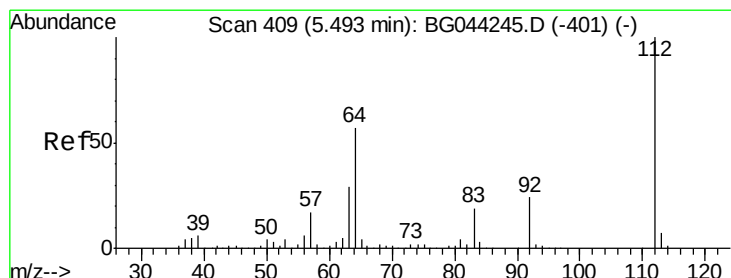
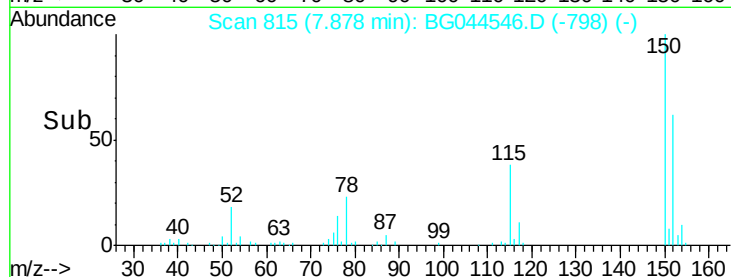
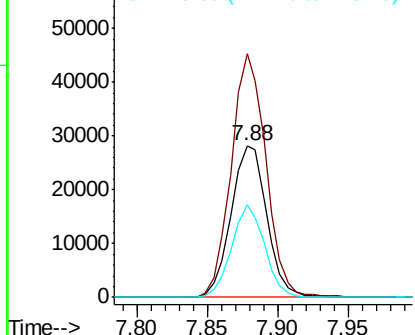
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG044546.D
Acq: 21 Feb 2020 12:58

Instrument :
BNA_G
ClientSampleId :
PB126914BL

Tot Ion:152 Resp: 49556
Ion Ratio Lower Upper
152 100
150 160.2 123.1 184.7
115 60.6 45.1 67.7



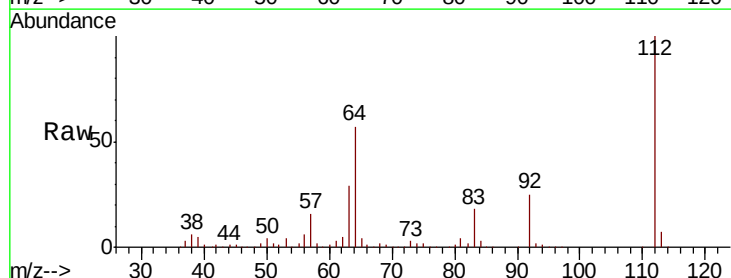
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



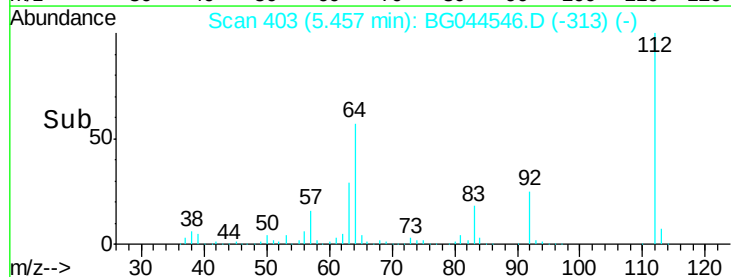
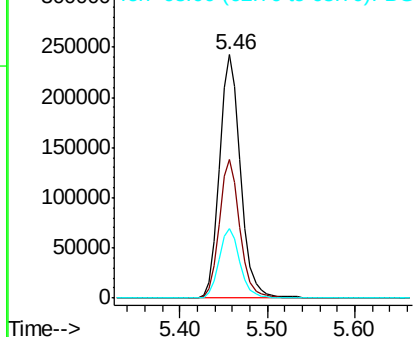
#5

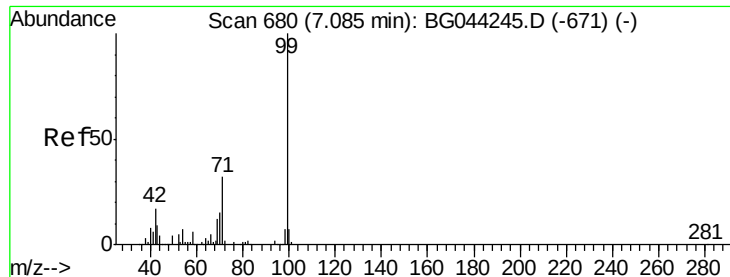
2-Fluorophenol
Concen: 144.527 ng
RT: 5.46 min Scan# 403
Delta R.T. 0.00 min
Lab File: BG044546.D
Acq: 21 Feb 2020 12:58

Tgt Ion:112 Resp: 405825
Ion Ratio Lower Upper
112 100
64 56.9 44.5 66.7
63 28.7 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 141.003 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044546.D

Acq: 21 Feb 2020 12:58

Instrument :

BNA_G

ClientSampleId :

PB126914BL

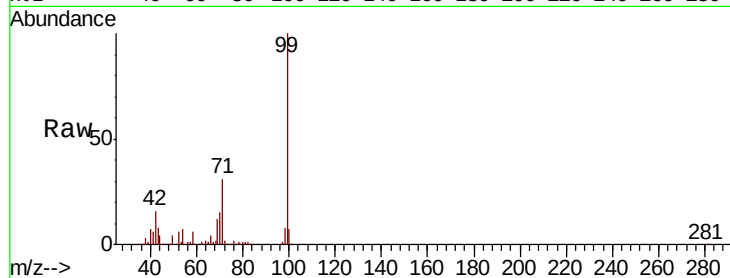
Tot Ion: 99 Resp: 531676

Ion Ratio Lower Upper

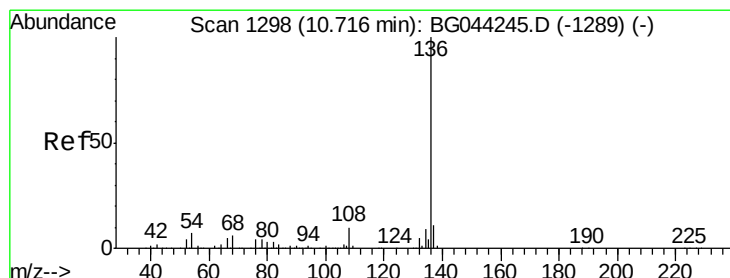
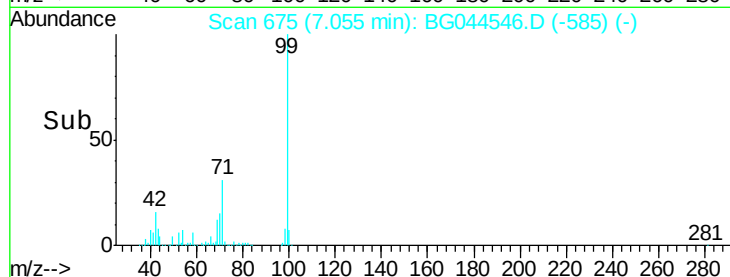
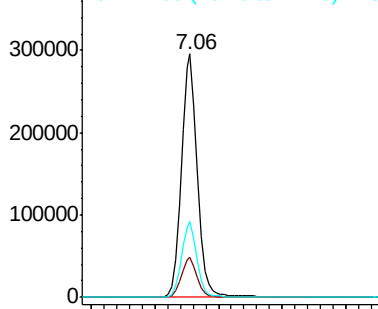
99 100

42 16.4 13.4 20.0

71 31.1 24.7 37.1



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: 10.68 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BG044546.D

Acq: 21 Feb 2020 12:58

Tgt Ion: 136 Resp: 203403

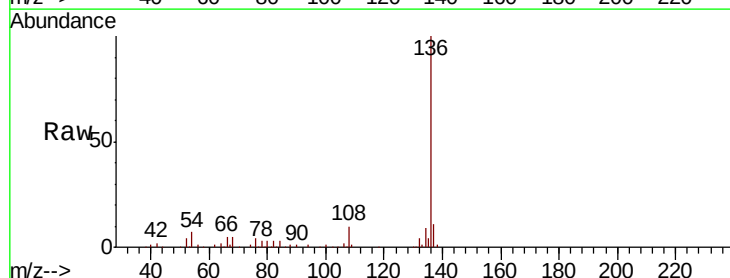
Ion Ratio Lower Upper

136 100

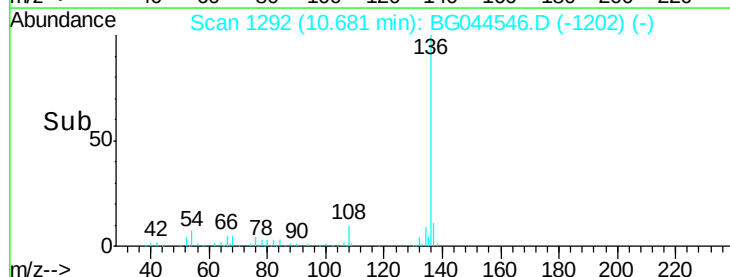
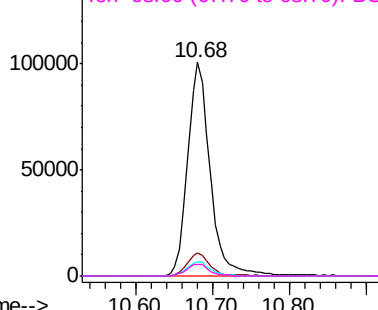
137 10.6 9.0 13.6

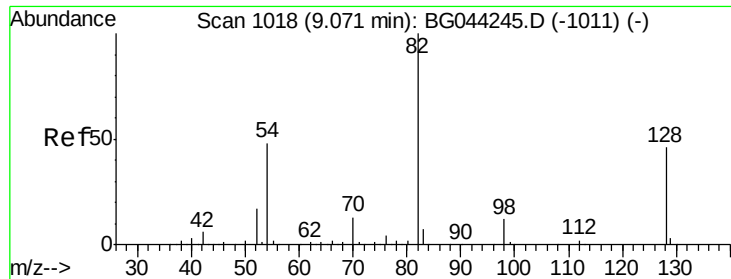
54 6.8 5.5 8.3

68 5.5 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

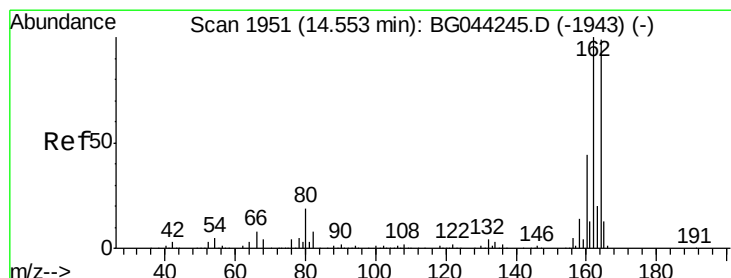
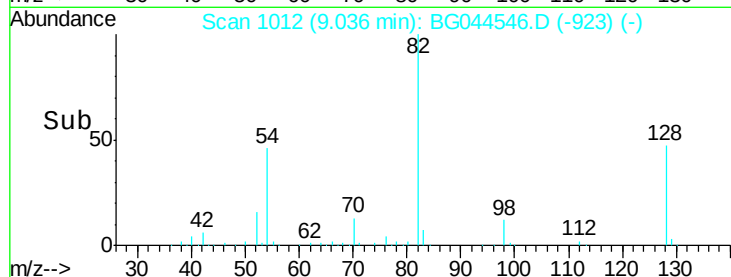
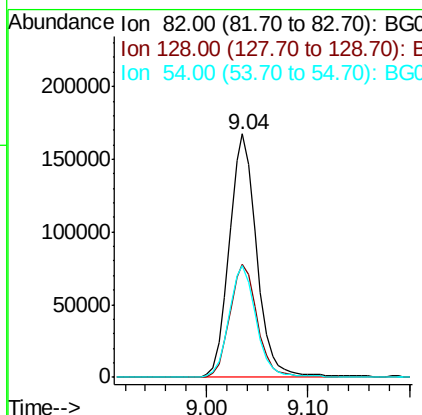
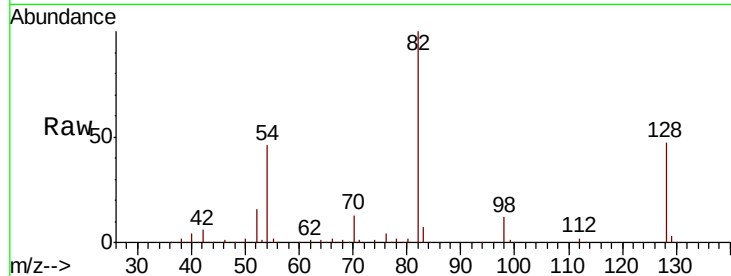




#23
Nitrobenzene-d5
Concen: 86.963 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG044546.D
Acq: 21 Feb 2020 12:58

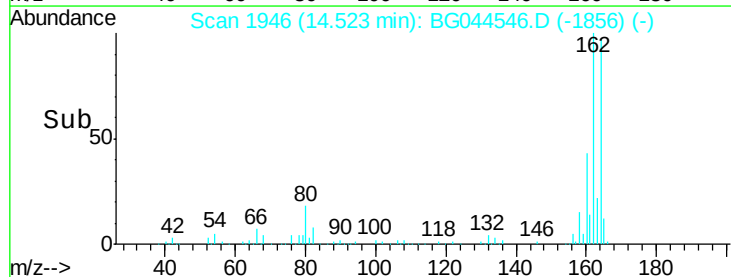
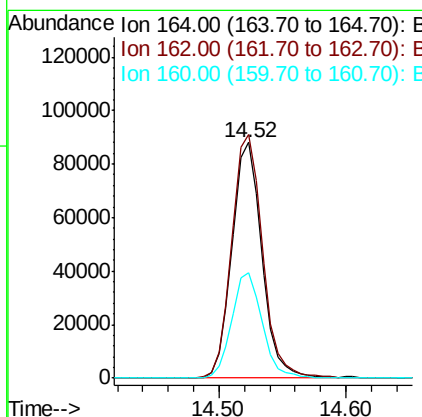
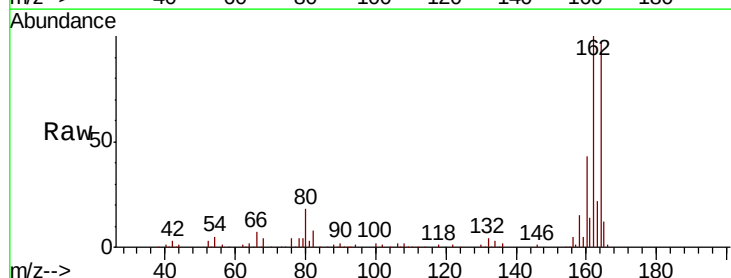
Instrument :
BNA_G
ClientSampleId :
PB126914BL

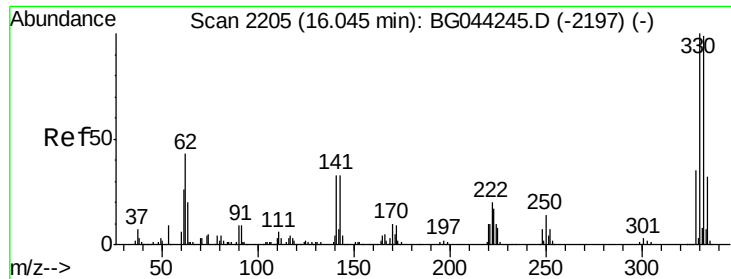
Tot Ion	82	Resp	313313
Ion Ratio	100	Lower	Upper
128	46.5	39.1	58.7
54	46.1	37.9	56.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG044546.D
Acq: 21 Feb 2020 12:58

Tgt Ion	164	Resp	143450
Ion Ratio	100	Lower	Upper
162	103.2	81.9	122.9
160	44.8	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 157.930 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044546.D

Acq: 21 Feb 2020 12:58

Instrument :

BNA_G

ClientSampleId :

PB126914BL

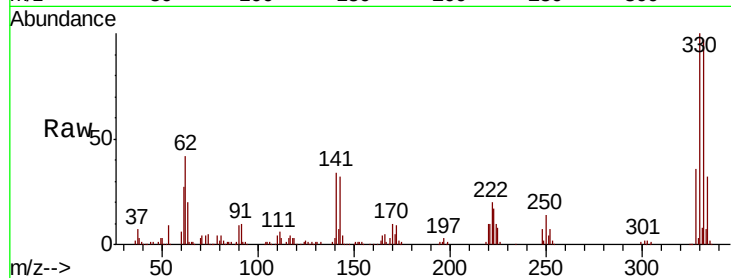
Tot Ion:330 Resp: 265957

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

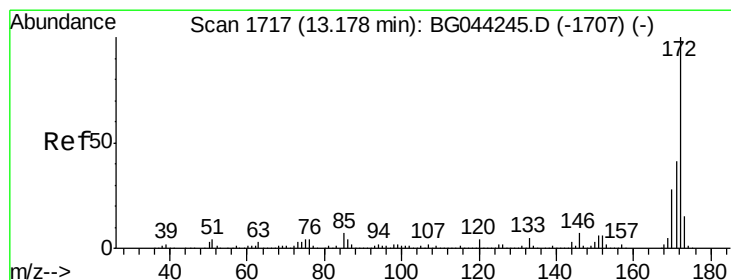
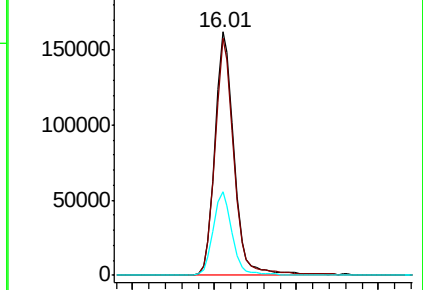
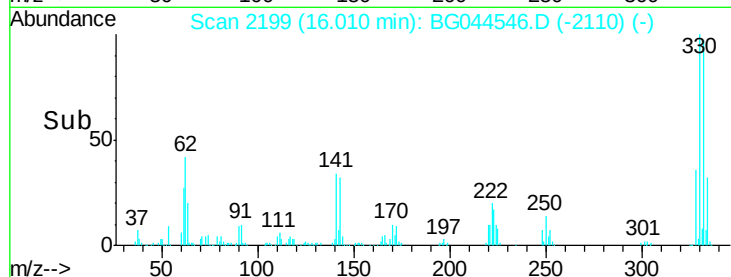
141 33.8 26.5 39.7



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: 95.094 ng

RT: 13.14 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG044546.D

Acq: 21 Feb 2020 12:58

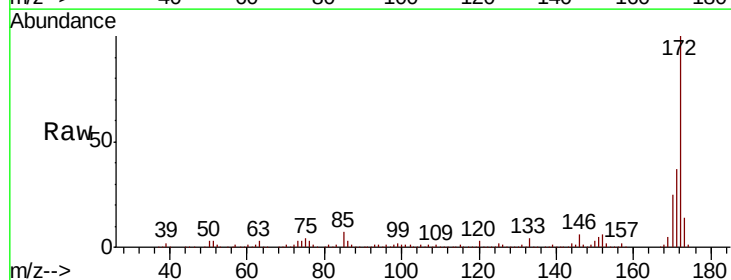
Tgt Ion:172 Resp: 814618

Ion Ratio Lower Upper

172 100

171 37.3 32.3 48.5

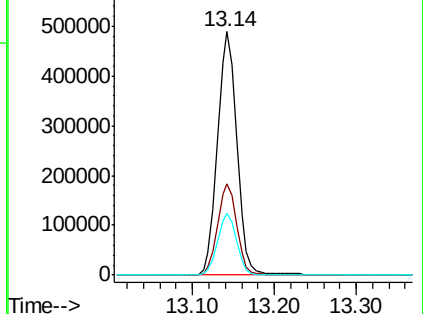
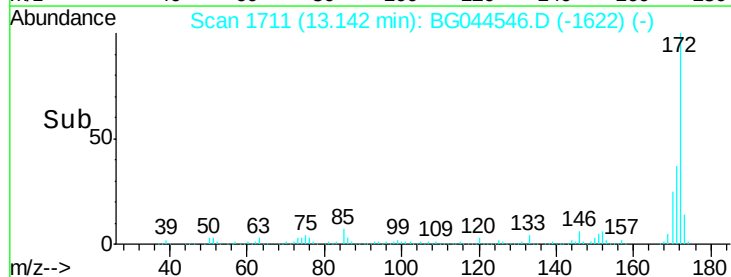
170 25.2 21.6 32.4

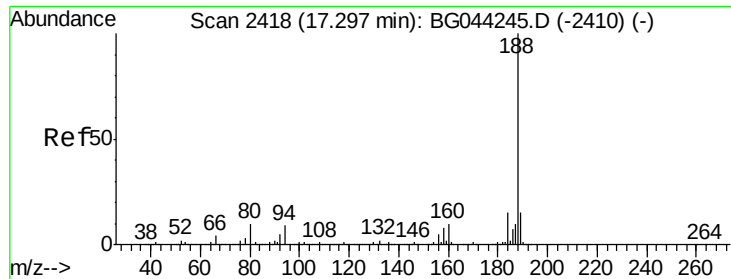


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.27 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BG044546.D

Acq: 21 Feb 2020 12:58

Instrument :

BNA_G

ClientSampleId :

PB126914BL

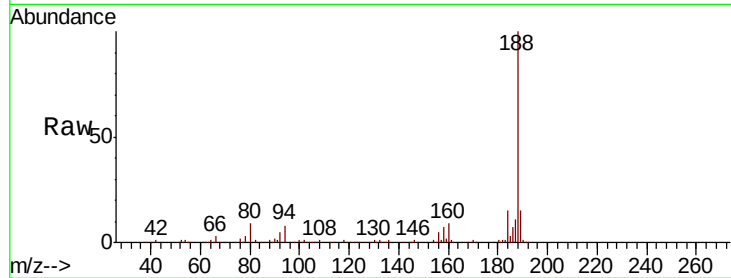
Tot Ion:188 Resp: 376880

Ion Ratio Lower Upper

188 100

94 7.9 7.4 11.0

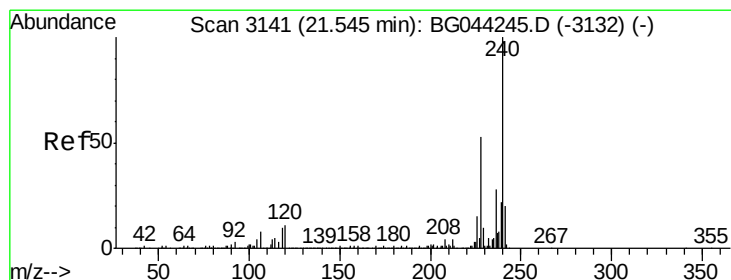
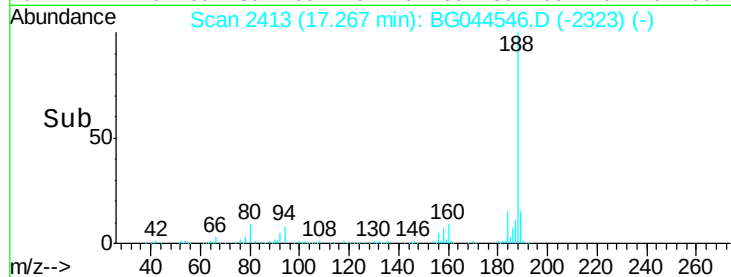
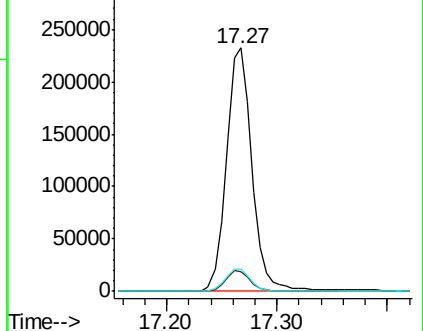
80 9.1 7.8 11.6



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: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG044546.D

Acq: 21 Feb 2020 12:58

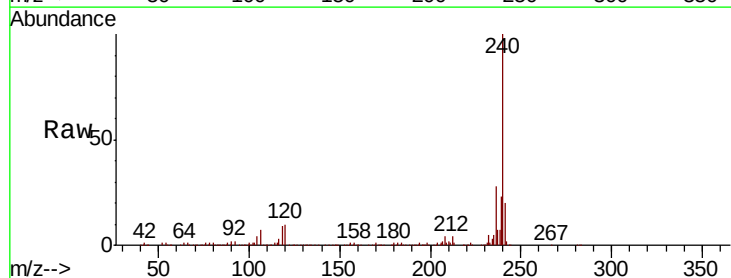
Tgt Ion:240 Resp: 379878

Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.2

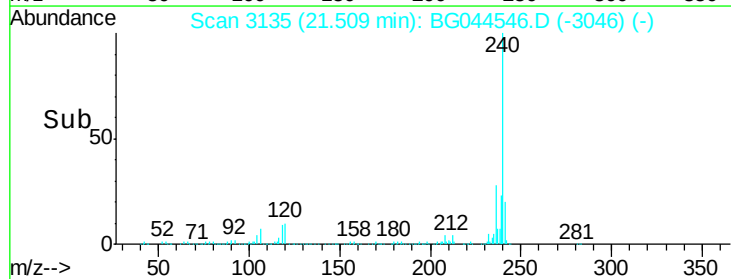
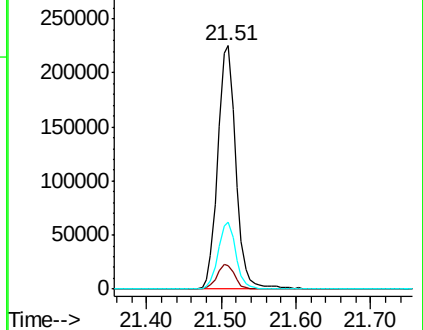
236 27.7 22.0 33.0

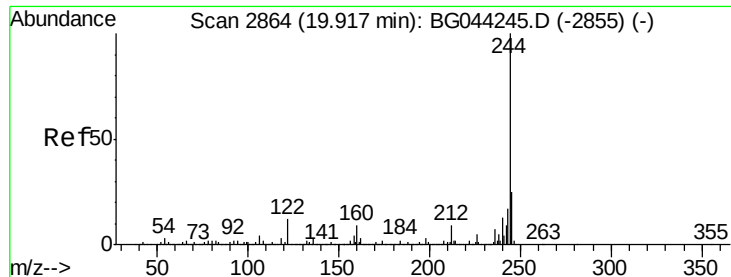


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.726 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG044546.D

Acq: 21 Feb 2020 12:58

Instrument :

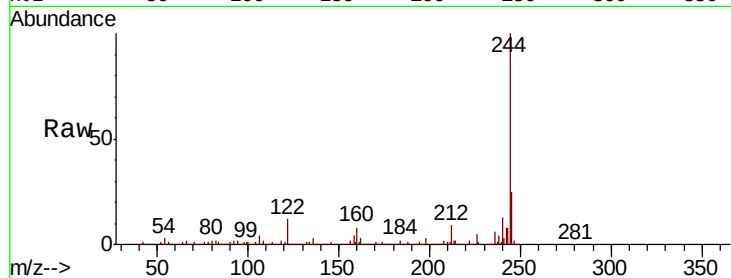
BNA_G

ClientSampleId :

PB126914BL

Tot Ion:244 Resp: 1767940

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.6	11.4
122	12.1	9.8	14.8

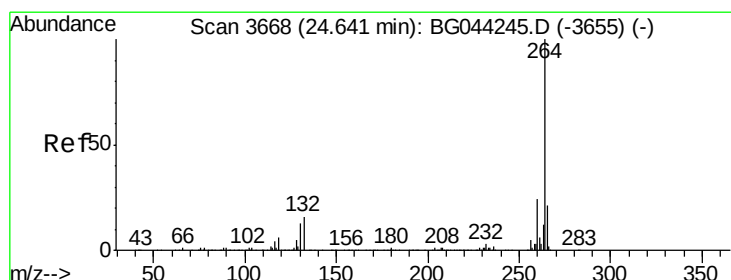
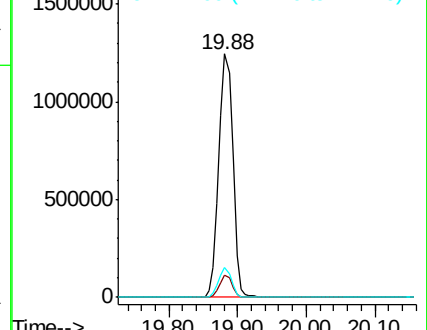
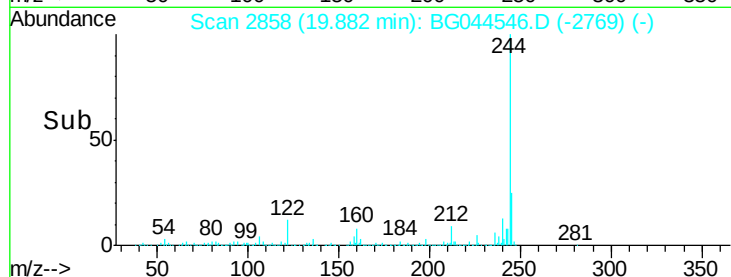


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 24.58 min Scan# 3657

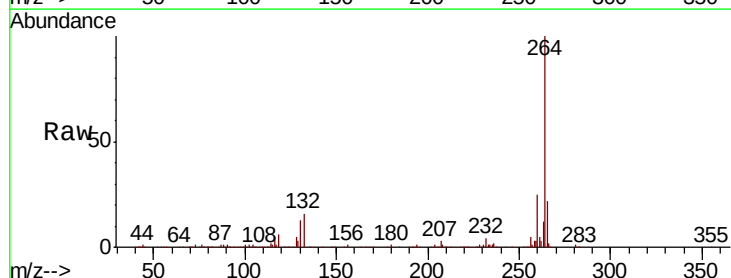
Delta R.T. -0.01 min

Lab File: BG044546.D

Acq: 21 Feb 2020 12:58

Tgt Ion:264 Resp: 415146

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.6	17.6	26.4



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

