

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043589.D
 Acq On : 11 Nov 2019 18:41
 Operator : JU
 Sample : PB124674BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124674BL

Quant Time: Nov 12 01:24:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29981	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	118137	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	87214	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	226726	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	203376	20.00	ng	-0.01
87) Perylene-d12	24.83	264	242035	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	234102	143.08	ng	0.00
7) Phenol-d6	7.20	99	322378	136.95	ng	0.00
23) Nitrobenzene-d5	9.16	82	192049	83.81	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	207474	125.01	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	541365	85.77	ng	-0.01
79) Terphenyl-d14	19.99	244	1174323	108.33	ng	0.00

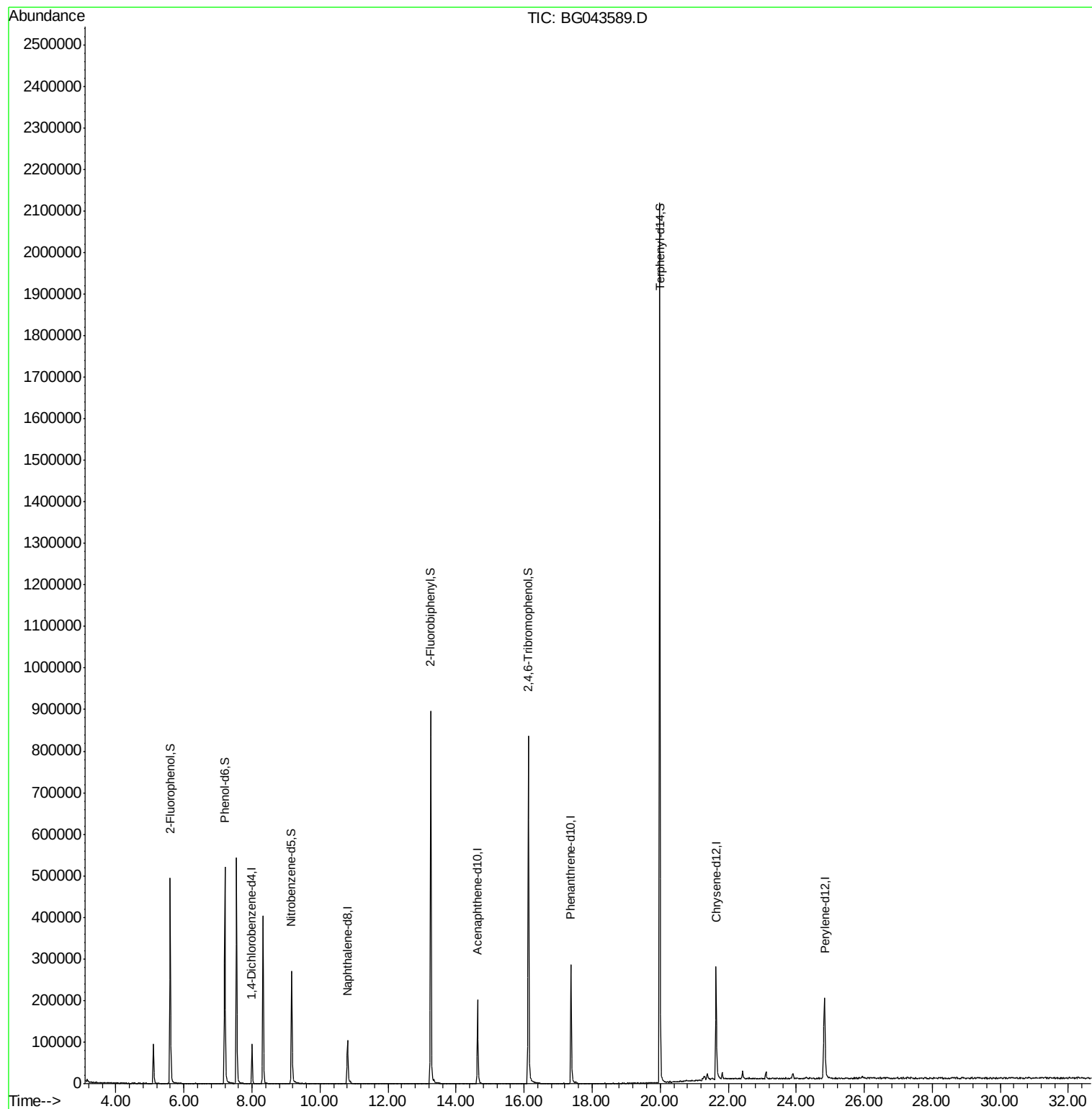
Target Compounds Qvalue

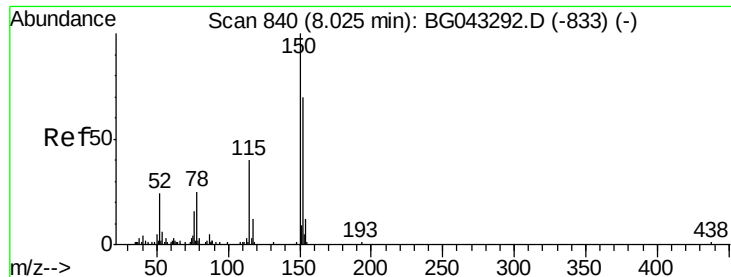
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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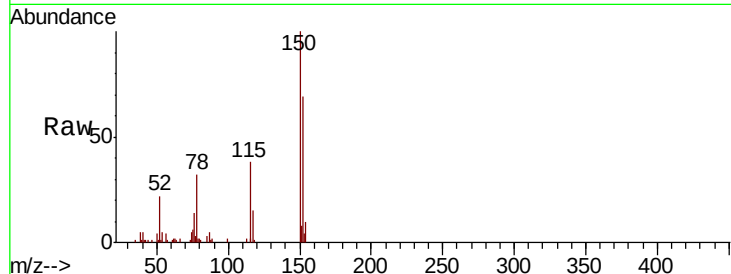


#1

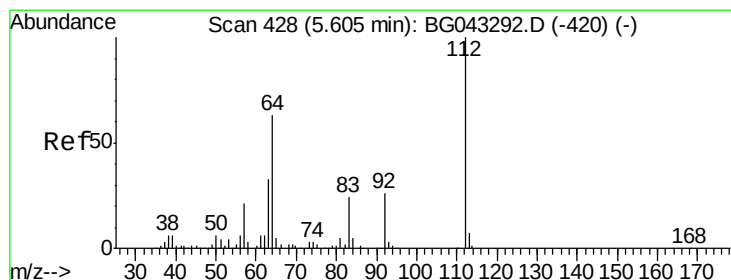
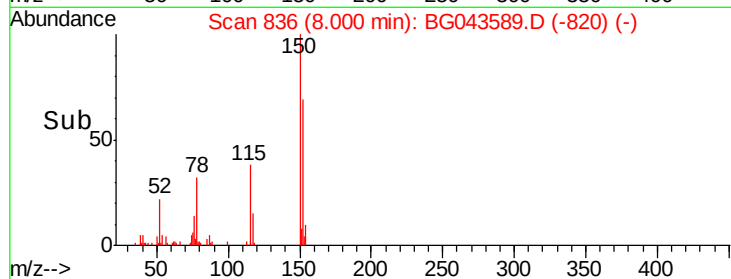
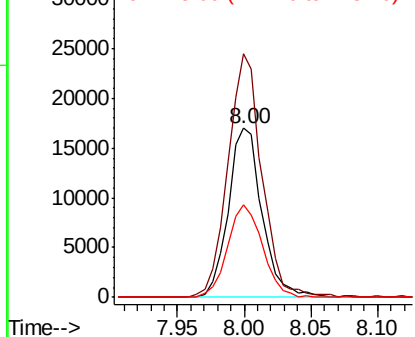
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043589.D
Acq: 11 Nov 2019 18:41

Instrument :
BNA_G
ClientSampleId :
PB124674BL

Tot Ion:152 Resp: 29981
Ion Ratio Lower Upper
152 100
150 144.1 129.4 194.0
115 54.6 48.8 73.2



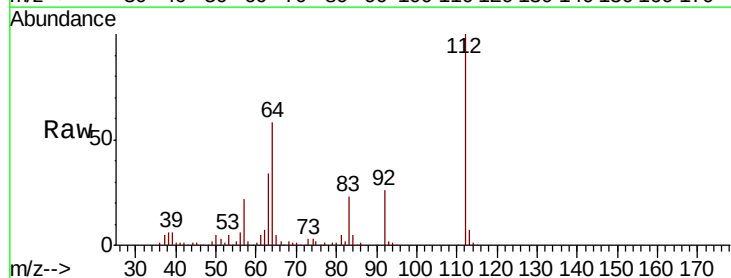
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



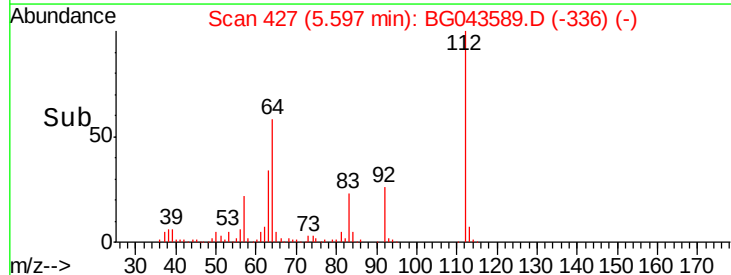
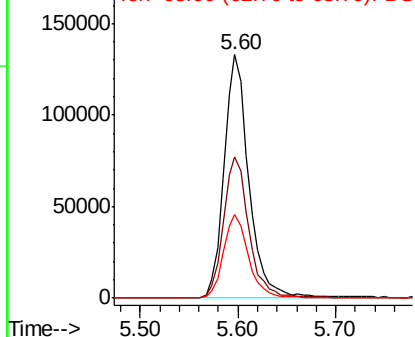
#5

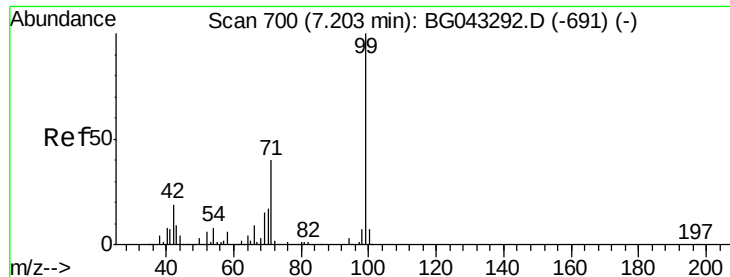
2-Fluorophenol
Concen: 143.084 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043589.D
Acq: 11 Nov 2019 18:41

Tgt Ion:112 Resp: 234102
Ion Ratio Lower Upper
112 100
64 58.2 50.0 75.0
63 34.4 26.6 40.0



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: 136.950 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043589.D

Acq: 11 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

PB124674BL

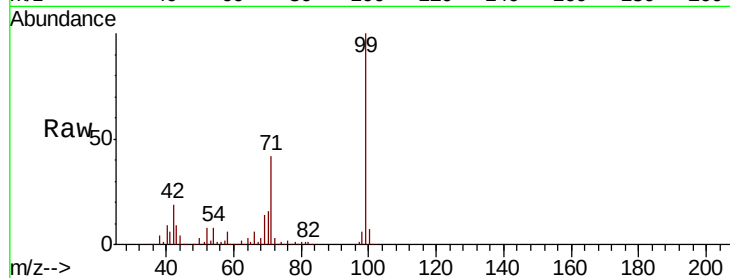
Tot Ion: 99 Resp: 322378

Ion Ratio Lower Upper

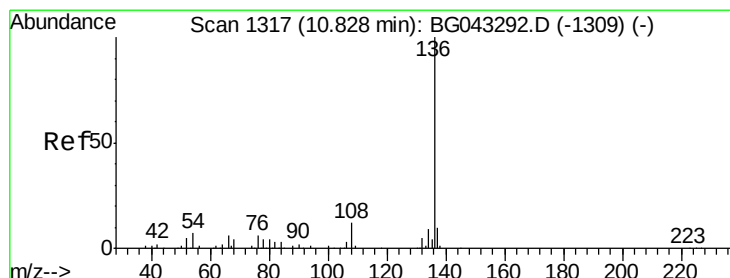
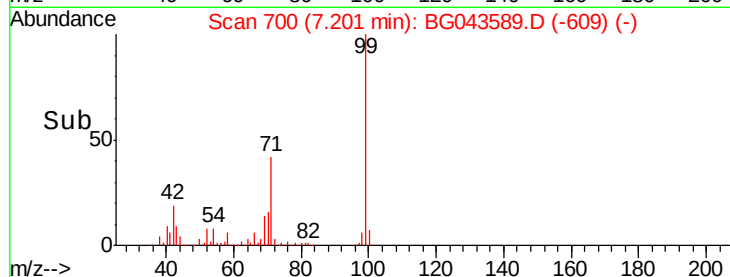
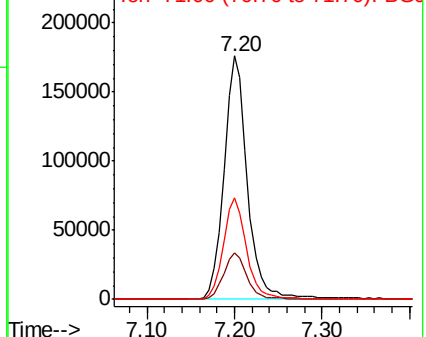
99 100

42 19.0 14.6 21.8

71 41.5 32.5 48.7



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: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG043589.D

Acq: 11 Nov 2019 18:41

Tgt Ion: 136 Resp: 118137

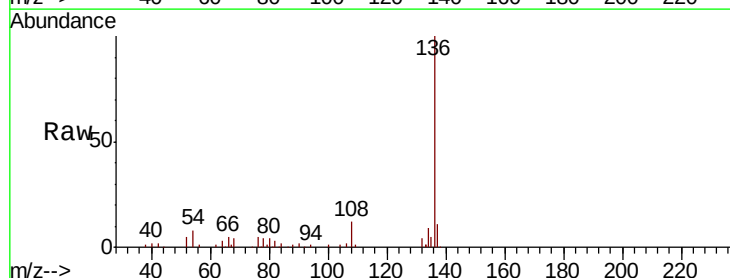
Ion Ratio Lower Upper

136 100

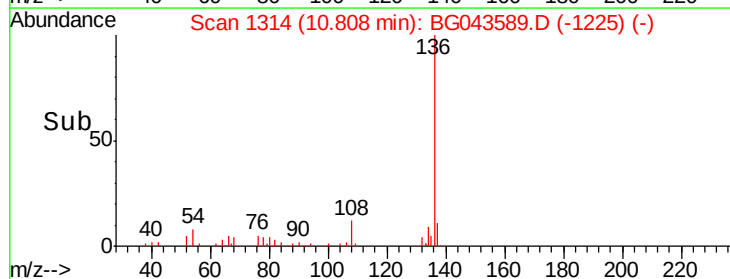
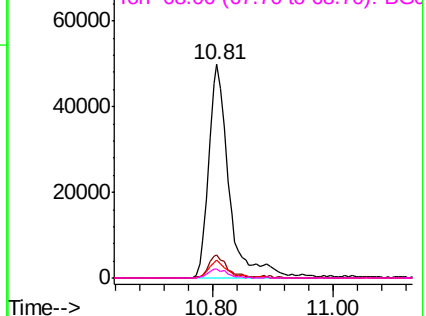
137 11.1 8.7 13.1

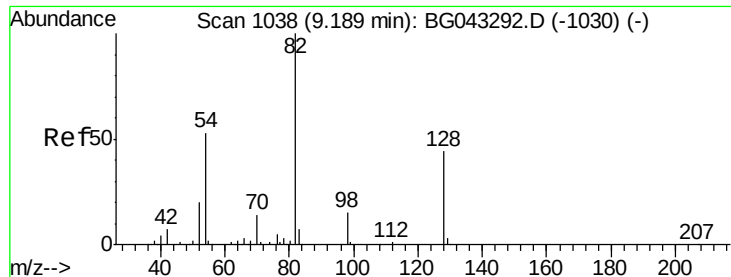
54 8.4 5.4 8.2#

68 4.0 3.0 4.4



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

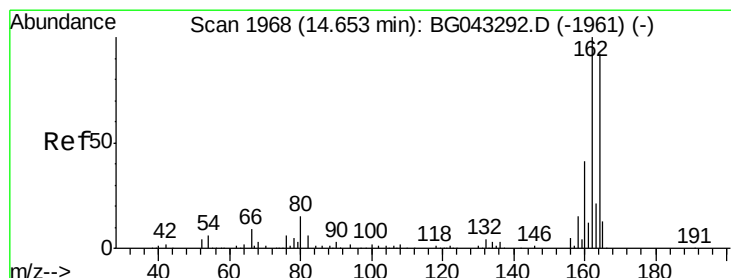
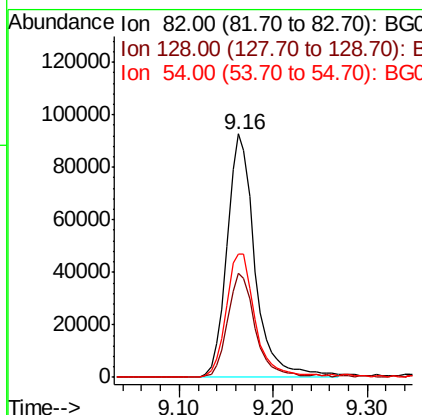
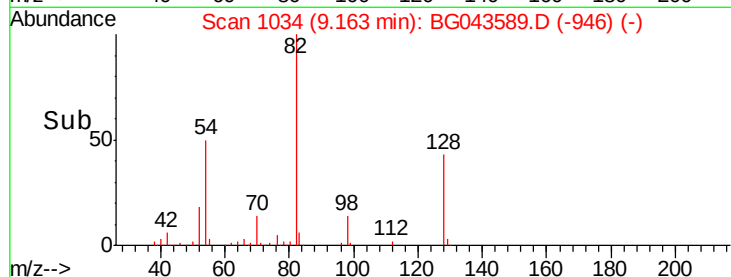
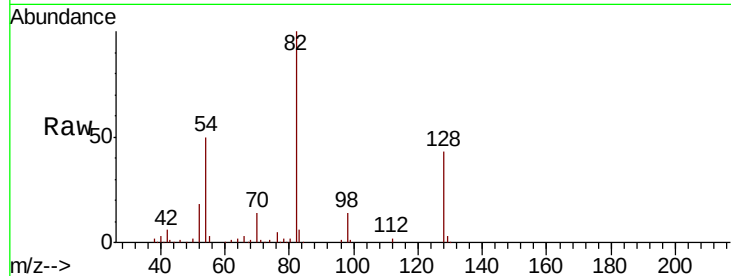




#23
Nitrobenzene-d5
Concen: 83.809 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043589.D
Acq: 11 Nov 2019 18:41

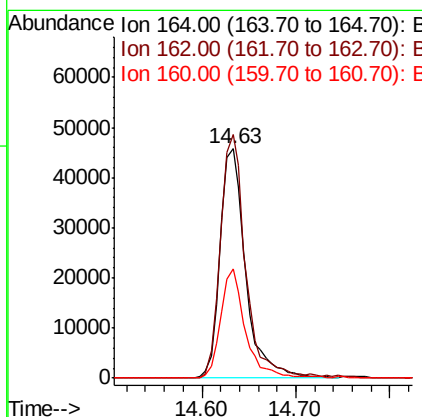
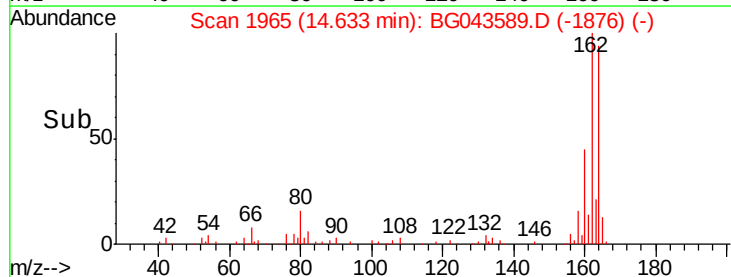
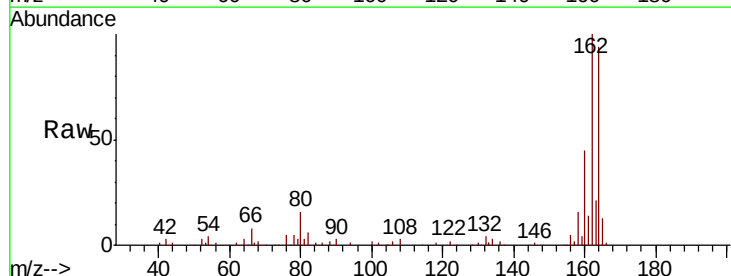
Instrument :
BNA_G
ClientSampleId :
PB124674BL

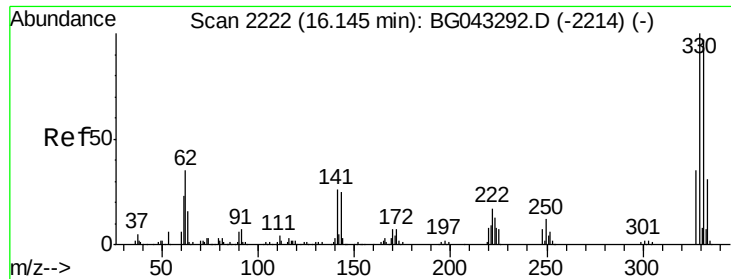
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.0	52.6
54	50.5	40.2	60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043589.D
Acq: 11 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.5	125.3
160	47.7	36.5	54.7

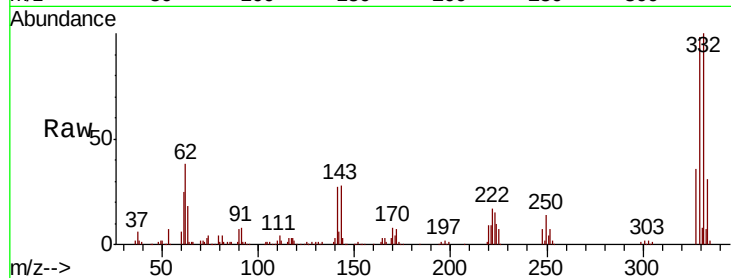




#42
 2,4,6-Tribromophenol
 Concen: 125.008 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043589.D
 Acq: 11 Nov 2019 18:41

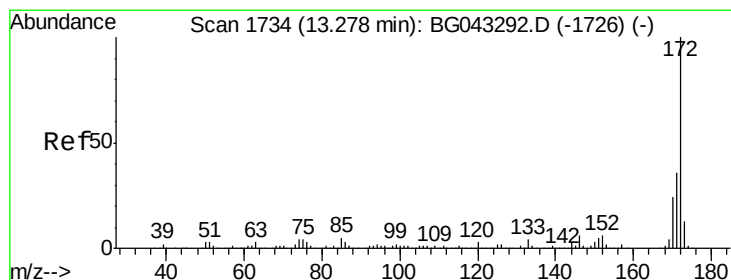
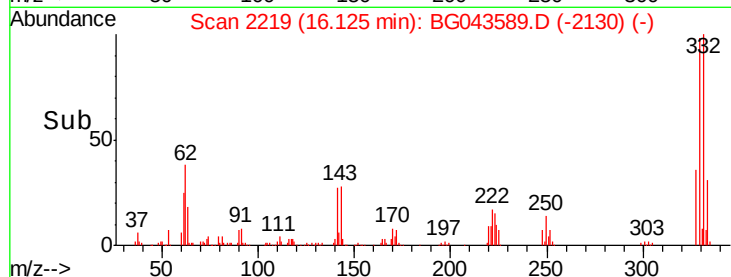
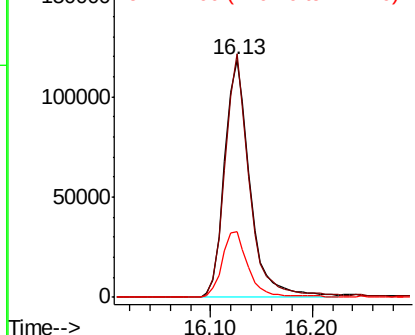
Instrument :
 BNA_G
 ClientSampleId :
 PB124674BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.4	116.0
141	28.6	22.8	34.2



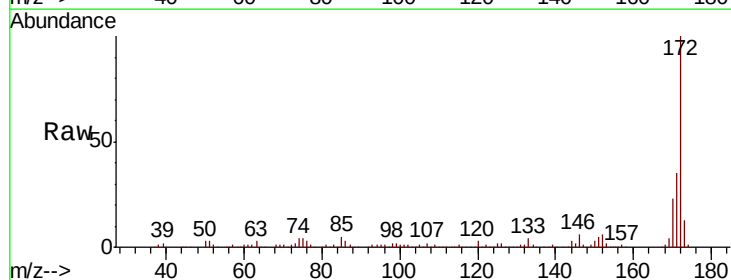
Abundance

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



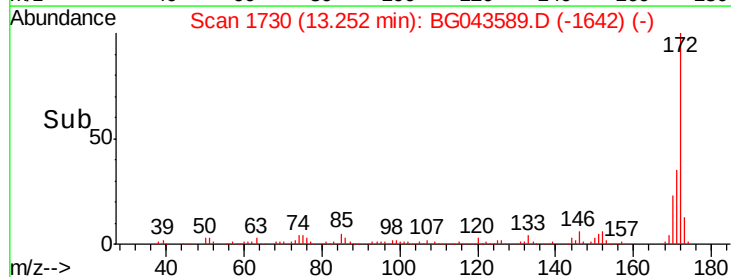
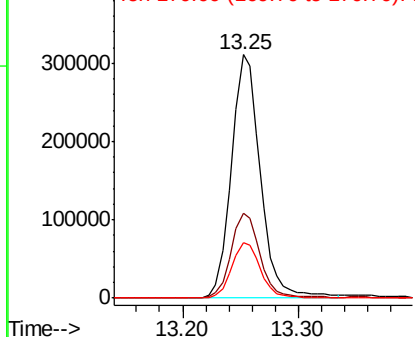
#45
 2-Fluorobiphenyl
 Concen: 85.773 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043589.D
 Acq: 11 Nov 2019 18:41

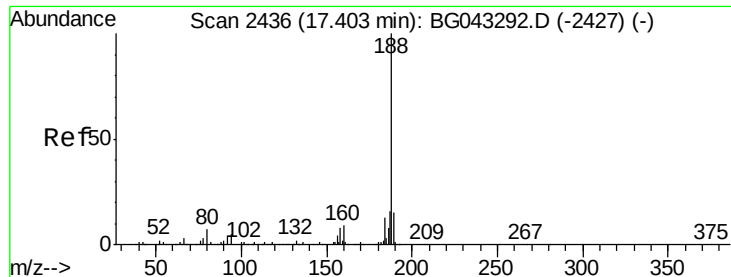
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	23.0	18.5	27.7



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

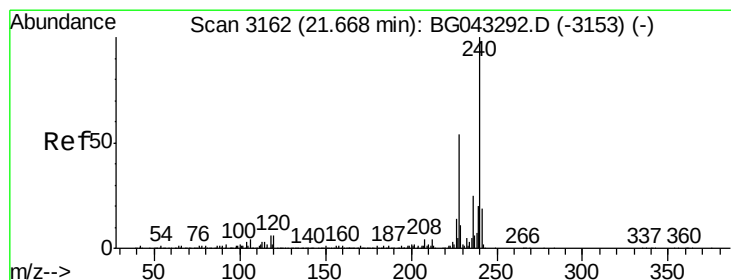
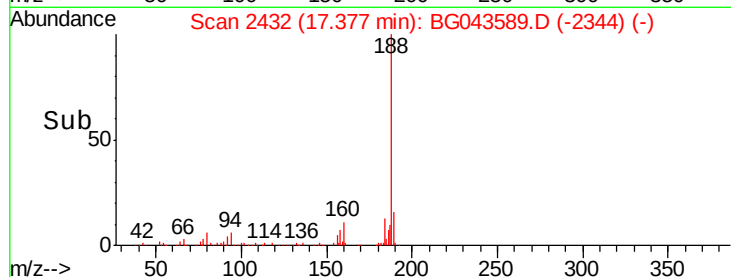
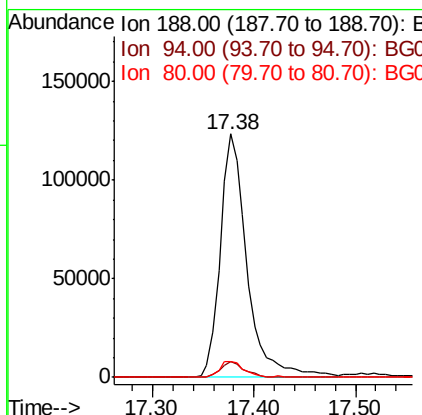
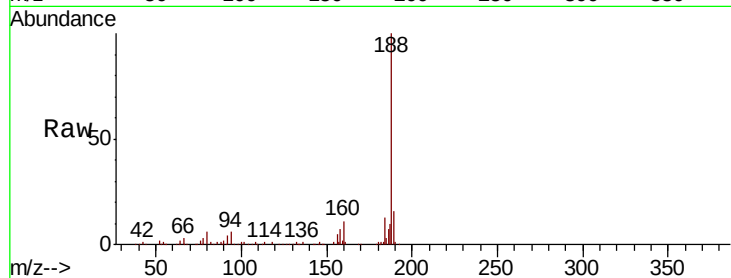




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043589.D
Acq: 11 Nov 2019 18:41

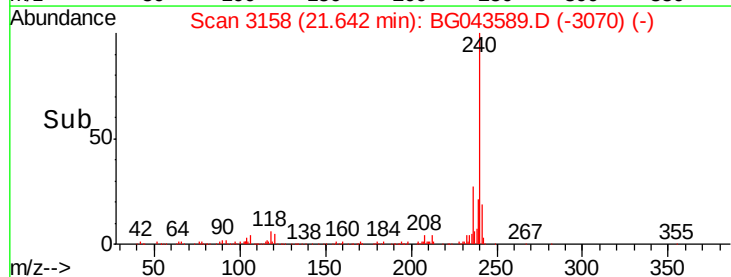
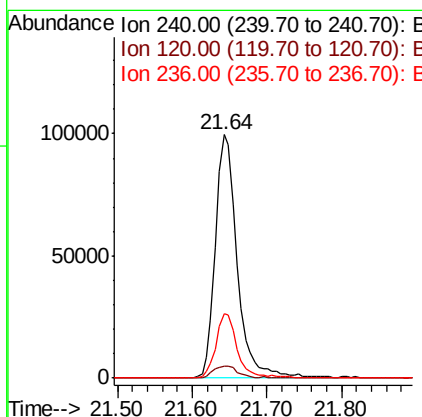
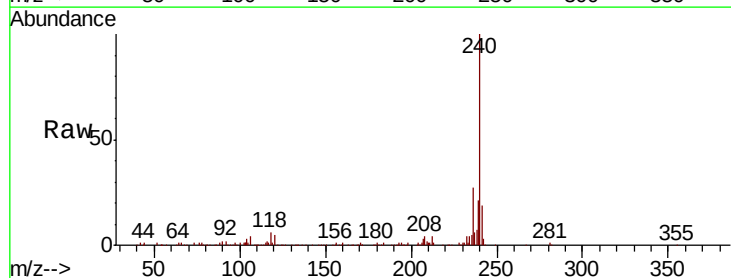
Instrument :
BNA_G
ClientSampleId :
PB124674BL

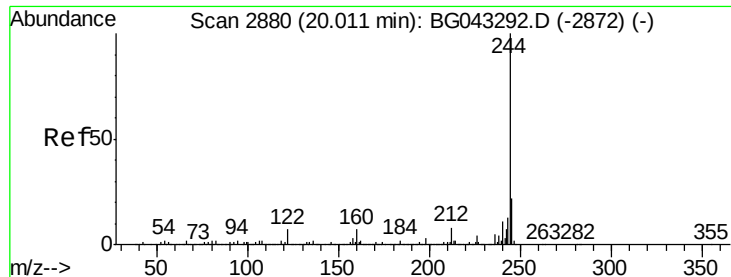
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.2	6.4
80	6.5	4.5	6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043589.D
Acq: 11 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.6	6.8
236	26.7	19.8	29.8





#79

Terphenyl-d14

Concen: 108.326 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043589.D

Acq: 11 Nov 2019 18:41

Instrument :

BNA_G

ClientSampleId :

PB124674BL

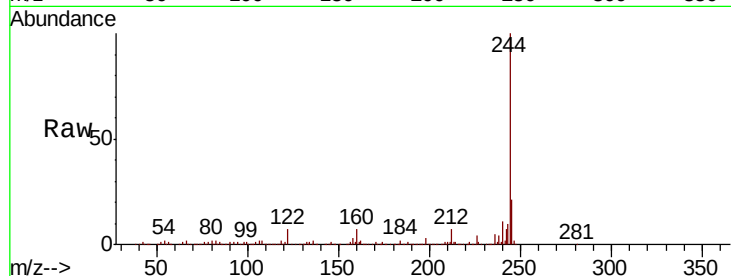
Tot Ion:244 Resp: 1174323

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

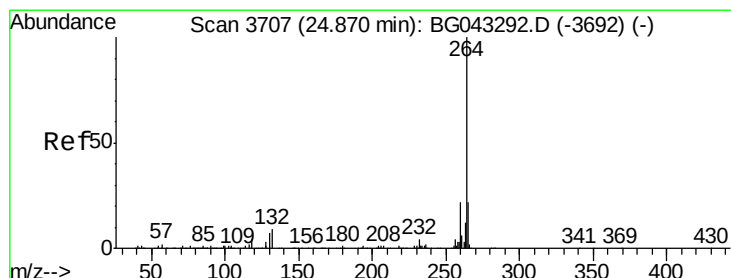
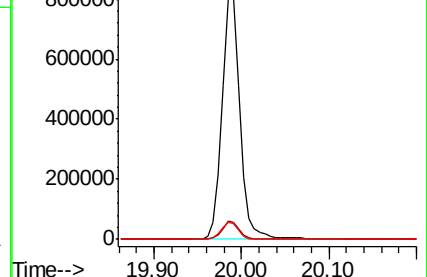
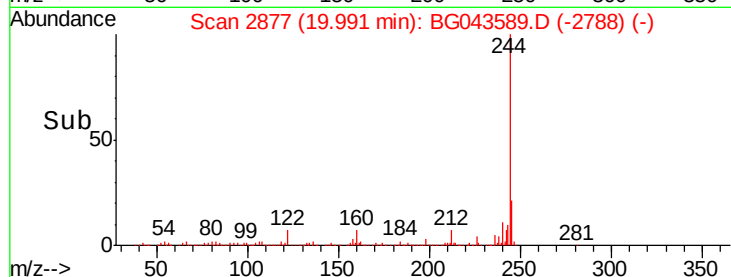
122 6.7 5.4 8.2



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: 24.83 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG043589.D

Acq: 11 Nov 2019 18:41

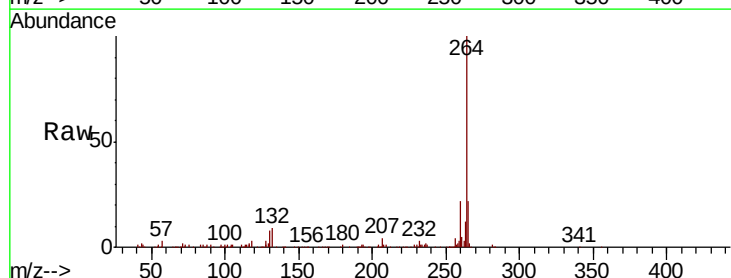
Tgt Ion:264 Resp: 242035

Ion Ratio Lower Upper

264 100

260 21.6 17.5 26.3

265 22.1 17.4 26.0



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

