

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044351.D
 Acq On : 8 Feb 2020 1:29
 Operator : CG/JU
 Sample : PB126664BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126664BL

Quant Time: Feb 08 03:22:16 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	88706	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	345079	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	214589	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	477704	20.00	ng	0.00
76) Chrysene-d12	21.53	240	459988	20.00	ng	-0.01
87) Perylene-d12	24.62	264	468135	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	746277	148.47	ng	0.00
7) Phenol-d6	7.08	99	939489	139.19	ng	0.00
23) Nitrobenzene-d5	9.06	82	574281	93.95	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	354539	140.74	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1276238	99.59	ng	0.00
79) Terphenyl-d14	19.90	244	1957298	87.52	ng	-0.01

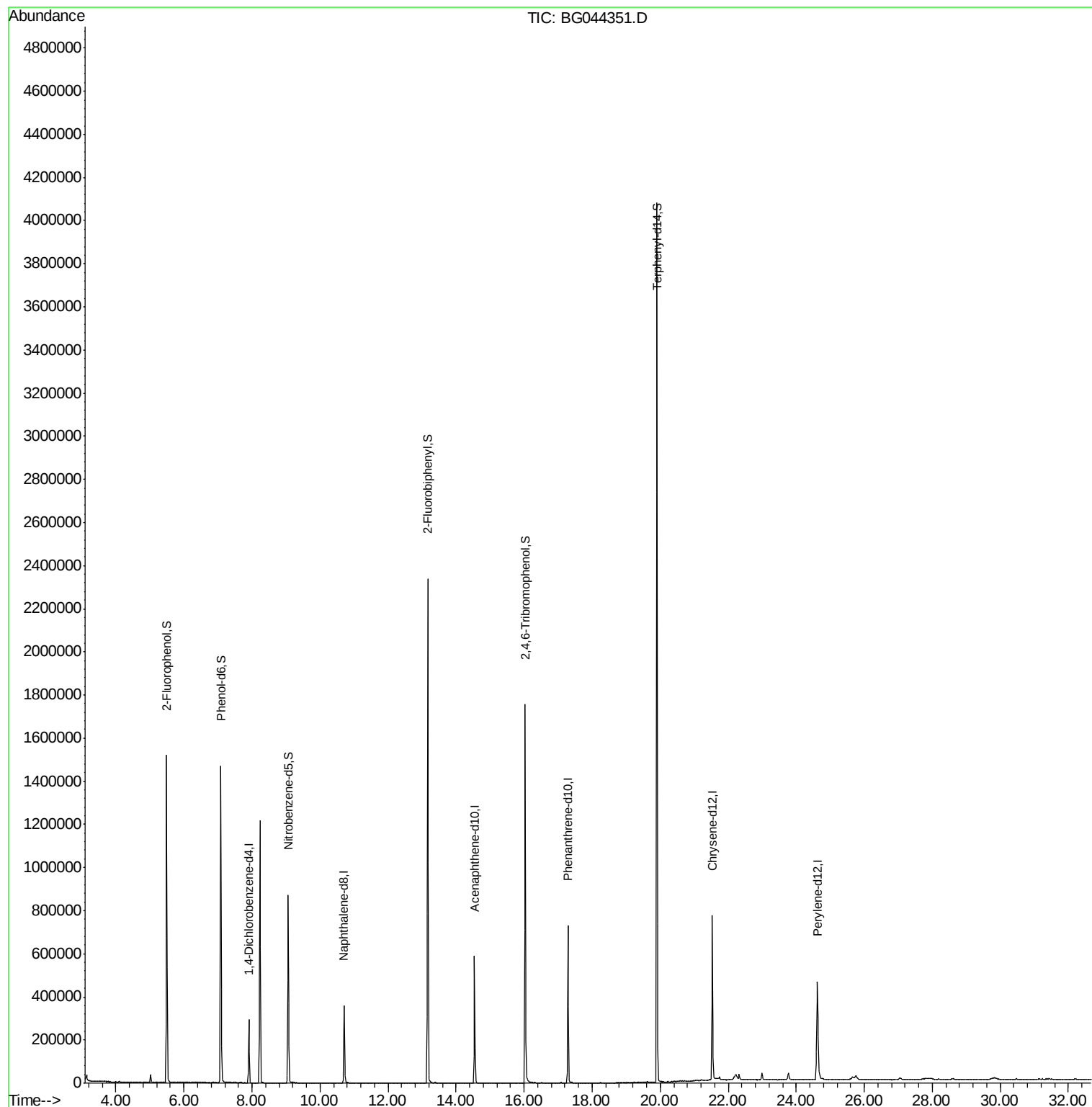
Target Compounds Qvalue

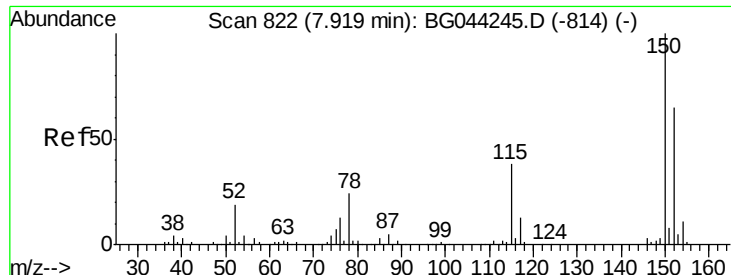
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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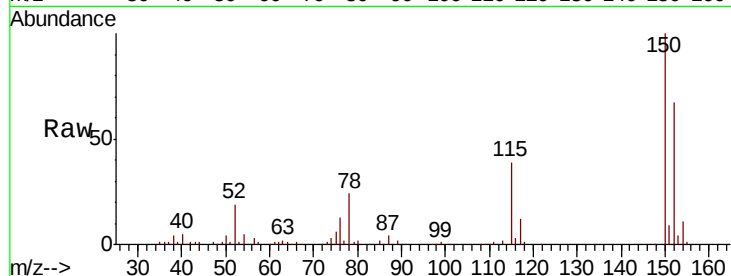


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044351.D
 Acq: 8 Feb 2020 1:29

Instrument :
 BNA_G
 ClientSampleId :
 PB126664BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	122.6	183.8
115	57.9	46.0	69.0

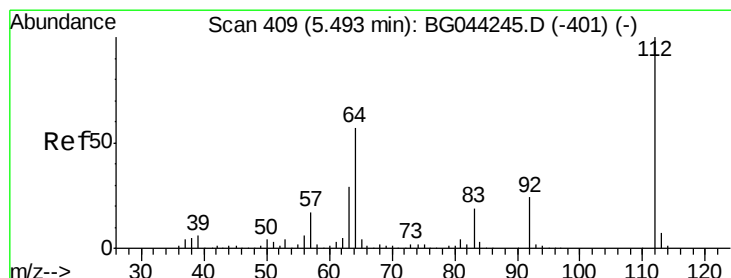
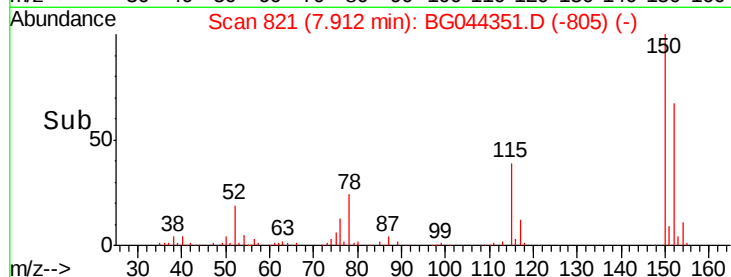
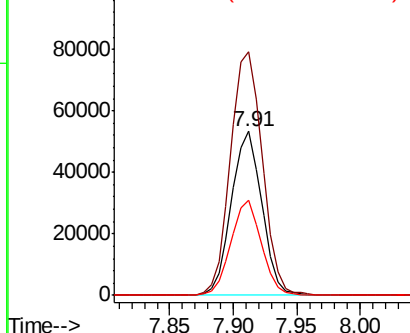


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

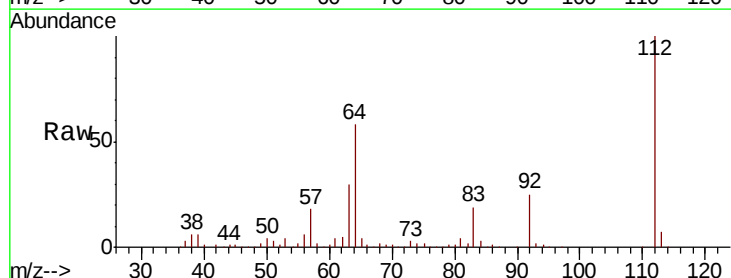
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 148.475 ng
 RT: 5.49 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BG044351.D
 Acq: 8 Feb 2020 1:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.4	68.2
63	30.3	22.9	34.3

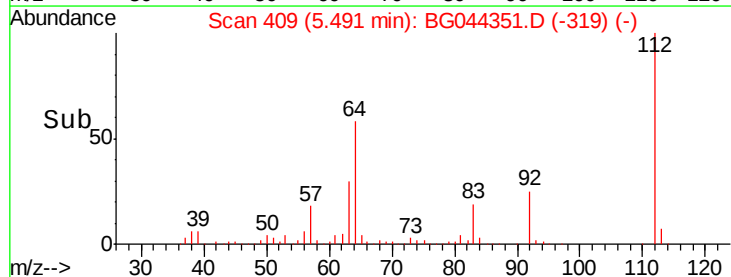
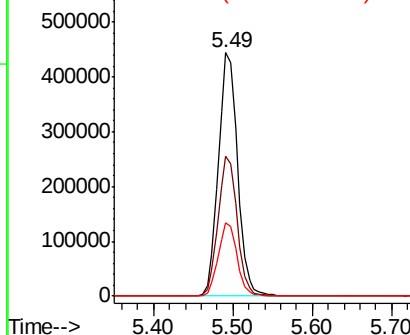


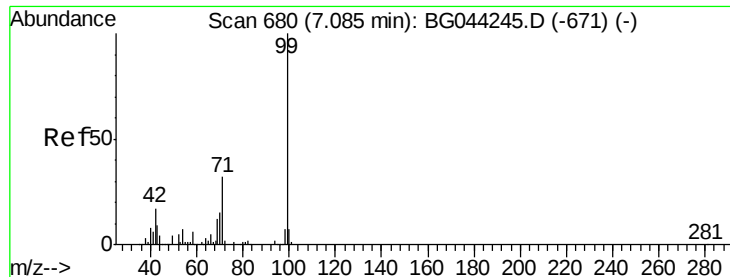
Abundance

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: 139.193 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044351.D

Acq: 8 Feb 2020 1:29

Instrument :

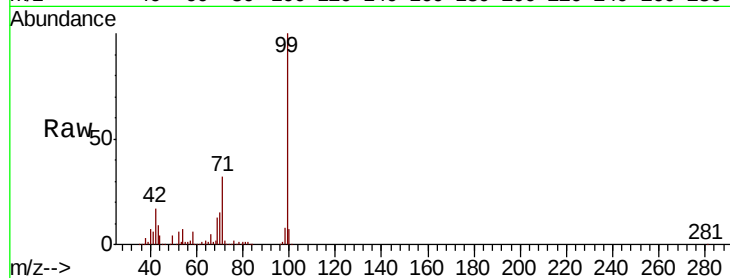
BNA_G

ClientSampleId :

PB126664BL

Tot Ion: 99 Resp: 939489

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.6
71	32.0	25.5	38.3

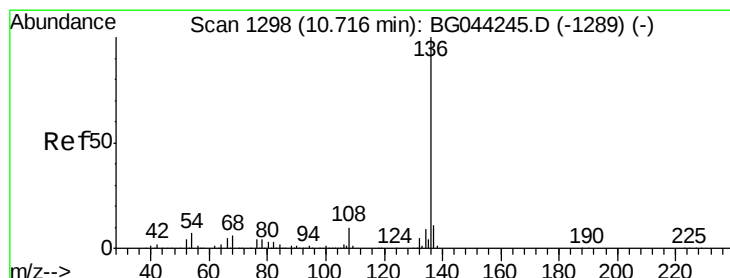
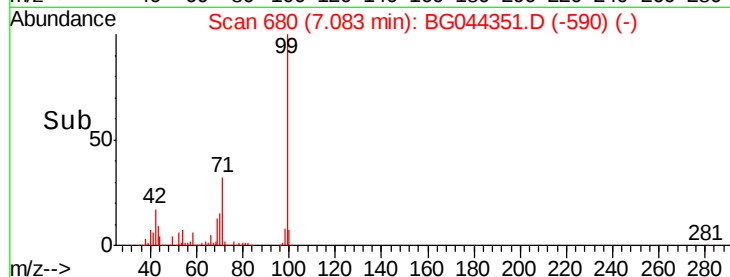
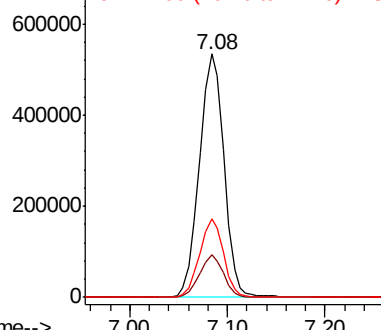


Abundance

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# 1297

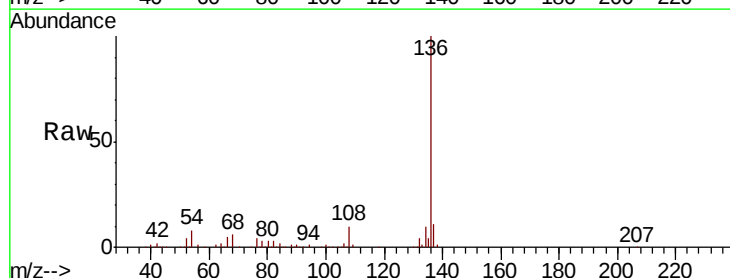
Delta R.T. -0.01 min

Lab File: BG044351.D

Acq: 8 Feb 2020 1:29

Tgt Ion: 136 Resp: 345079

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	5.8	8.8
68	5.7	4.6	6.8



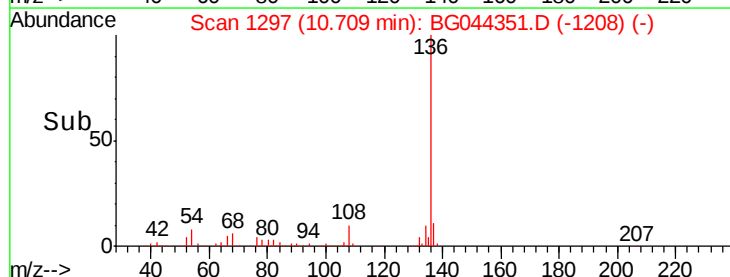
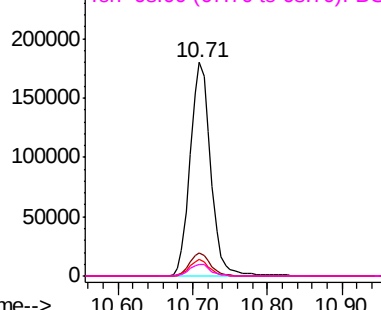
Abundance

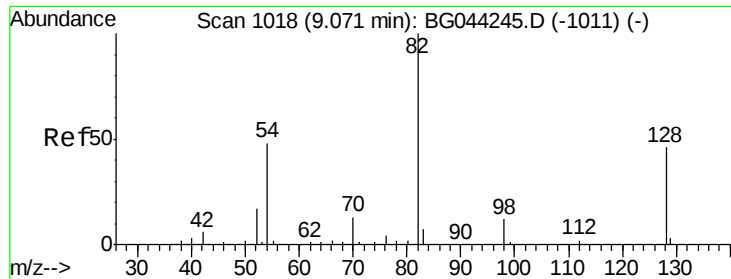
Ion 136.00 (135.70 to 136.70): BGC

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

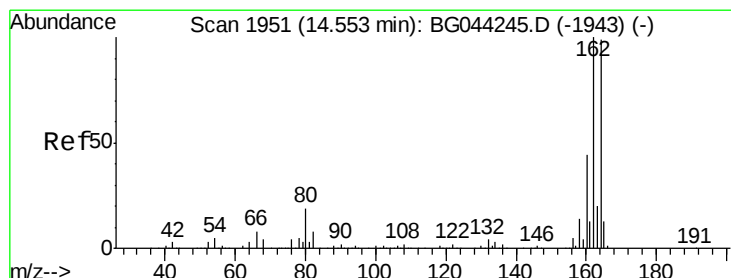
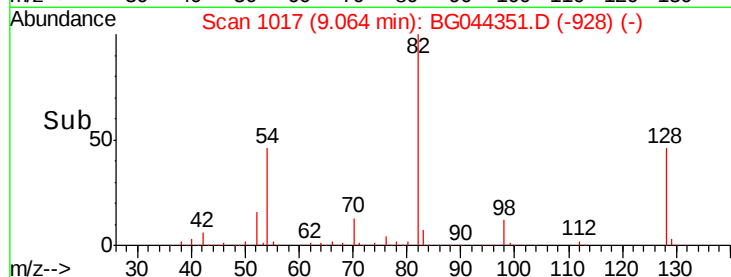
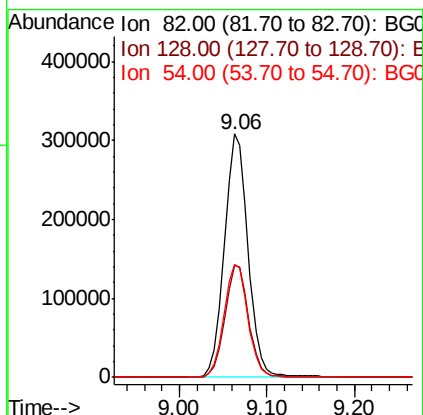
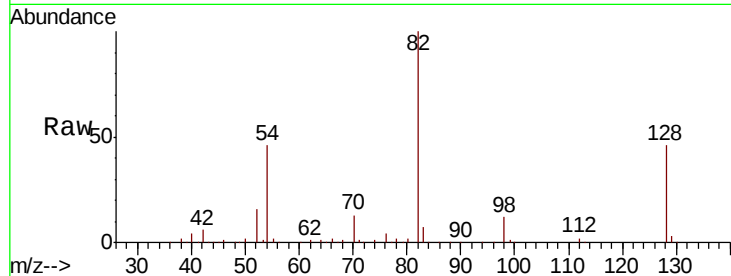




#23
 Nitrobenzene-d5
 Concen: 93.955 ng
 RT: 9.06 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG044351.D
 Acq: 8 Feb 2020 1:29

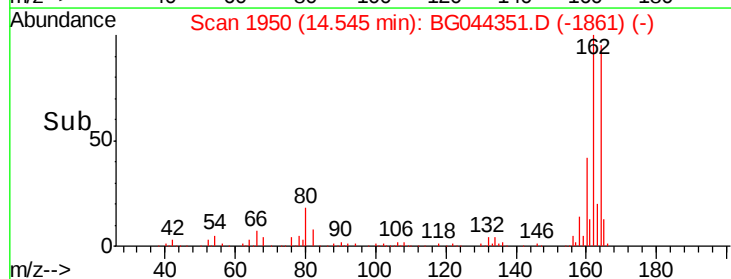
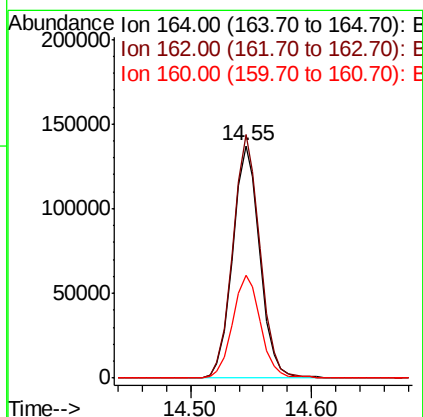
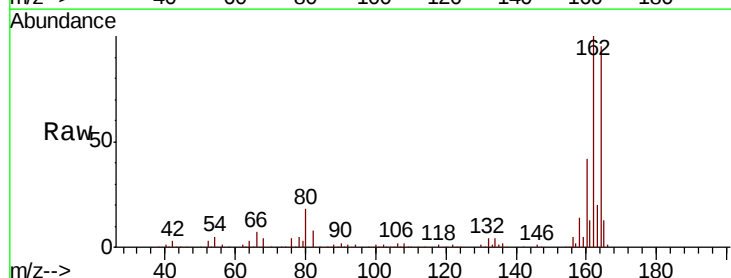
Instrument :
 BNA_G
 ClientSampleId :
 PB126664BL

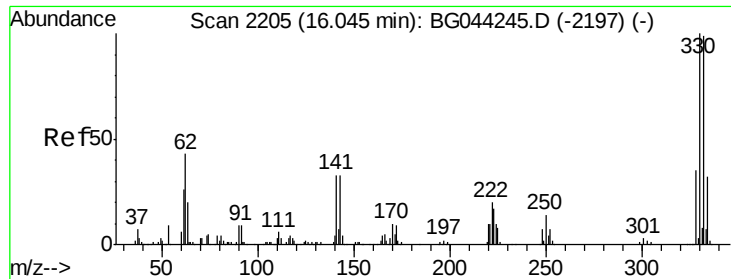
Tot Ion: 82 Resp: 574281
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.5 54.7
 54 46.3 38.6 58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG044351.D
 Acq: 8 Feb 2020 1:29

Tgt Ion: 164 Resp: 214589
 Ion Ratio Lower Upper
 164 100
 162 104.8 80.7 121.1
 160 44.4 35.3 52.9

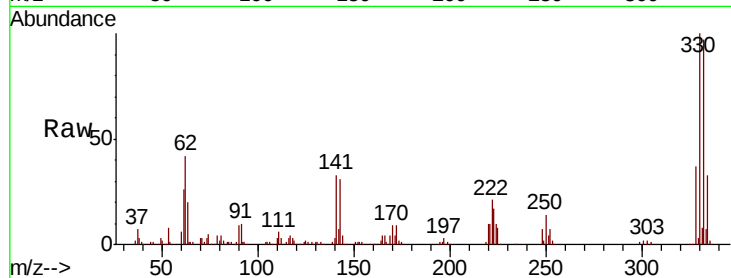




#42
 2,4,6-Tribromophenol
 Concen: 140.737 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG044351.D
 Acq: 8 Feb 2020 1:29

Instrument :
 BNA_G
 ClientSampleId :
 PB126664BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.2	115.8
141	35.6	28.3	42.5

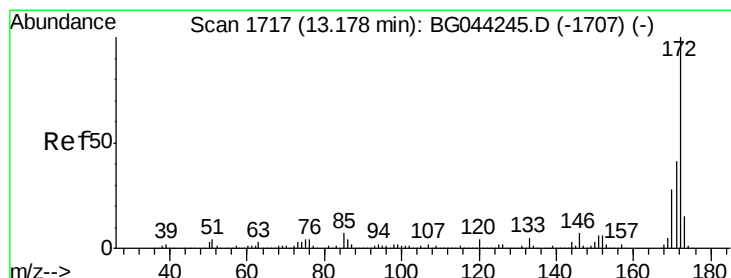
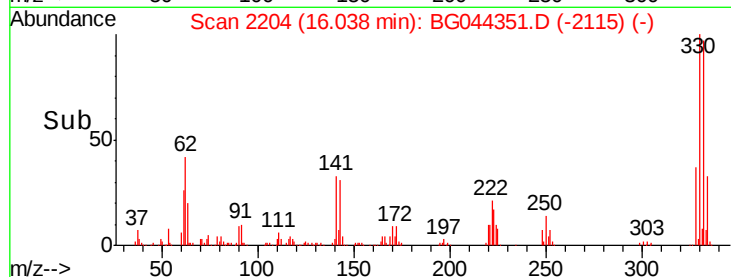
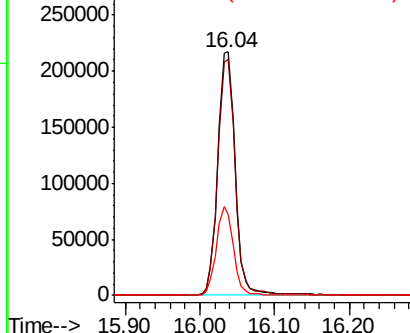


Abundance

Ion 329.80 (329.50 to 330.50): E

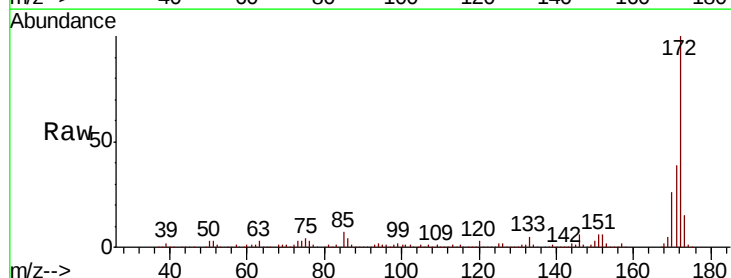
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.592 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044351.D
 Acq: 8 Feb 2020 1:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.9	49.3
170	26.5	22.0	33.0

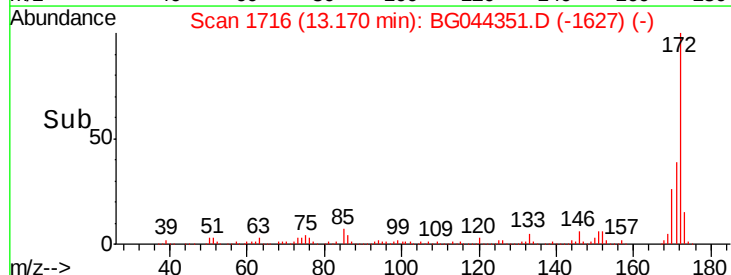
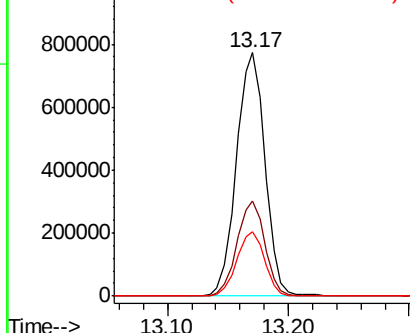


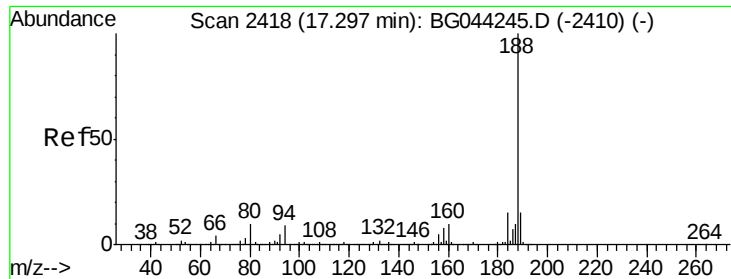
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BG044351.D

Acq: 8 Feb 2020 1:29

Instrument :

BNA_G

ClientSampleId :

PB126664BL

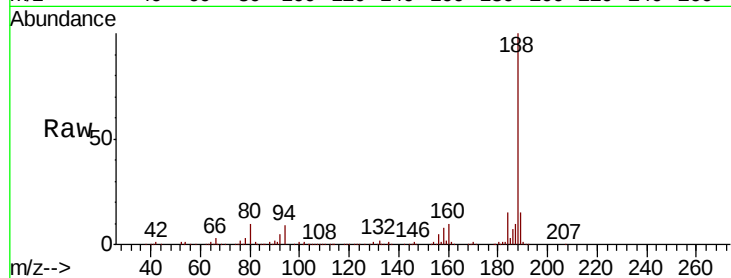
Tot Ion:188 Resp: 477704

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

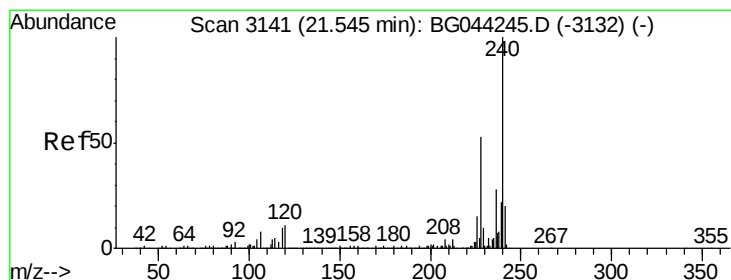
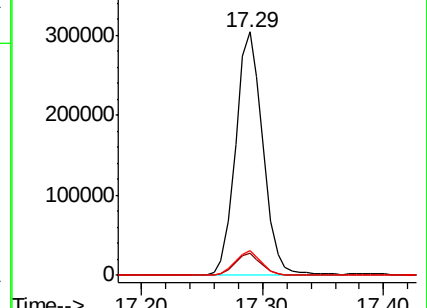
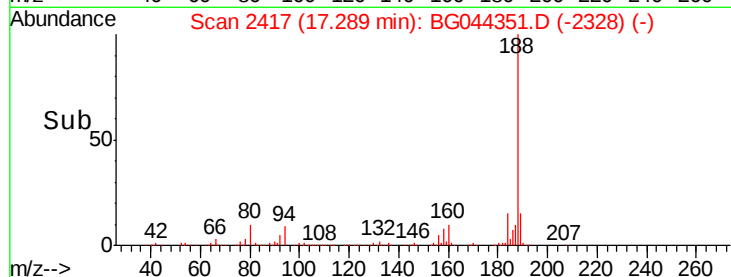
80 10.1 7.7 11.5



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: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG044351.D

Acq: 8 Feb 2020 1:29

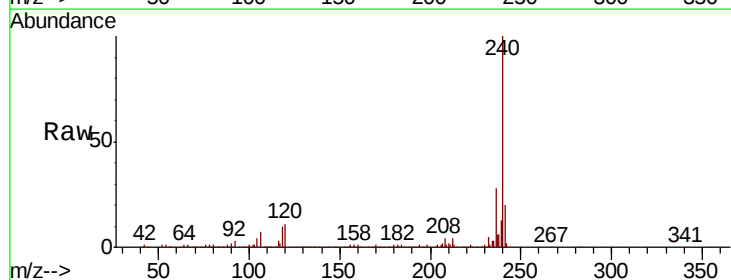
Tgt Ion:240 Resp: 459988

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

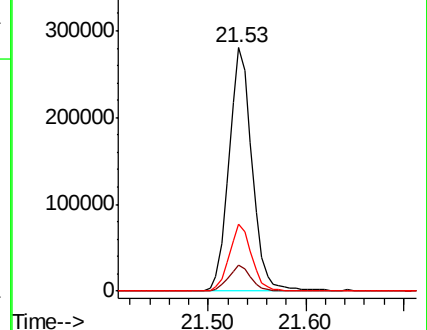
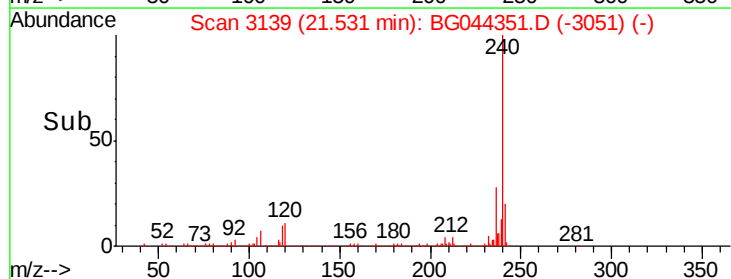
236 27.7 22.1 33.1

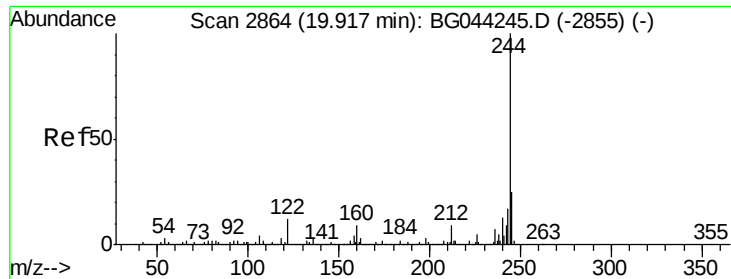


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.522 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG044351.D

Acq: 8 Feb 2020 1:29

Instrument :

BNA_G

ClientSampleId :

PB126664BL

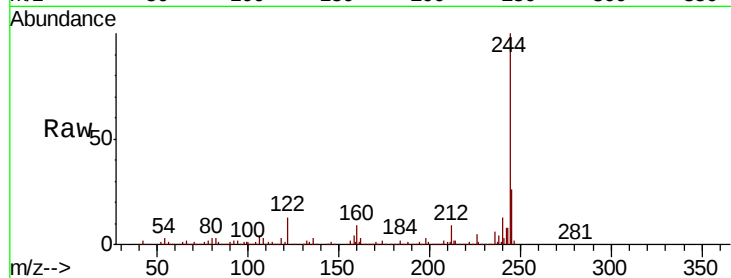
Tot Ion:244 Resp: 1957298

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.2

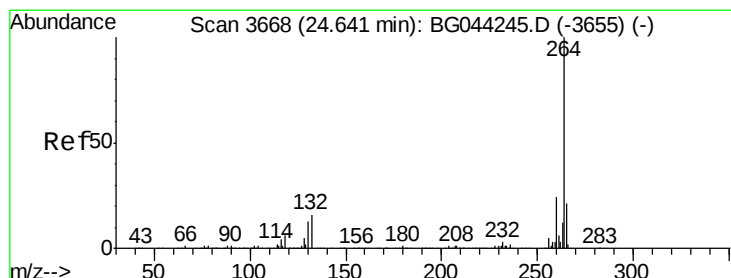
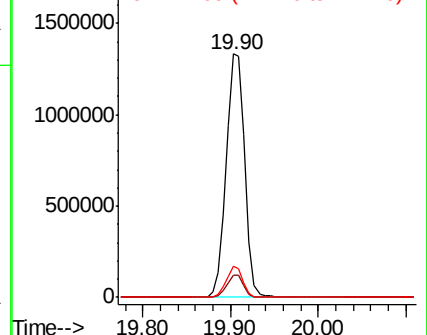
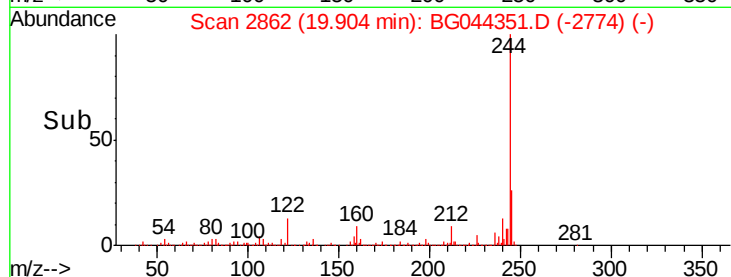
122 12.6 9.8 14.6



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

Perylene-d12

Concen: 20.000 ng

RT: 24.62 min Scan# 3665

Delta R.T. -0.02 min

Lab File: BG044351.D

Acq: 8 Feb 2020 1:29

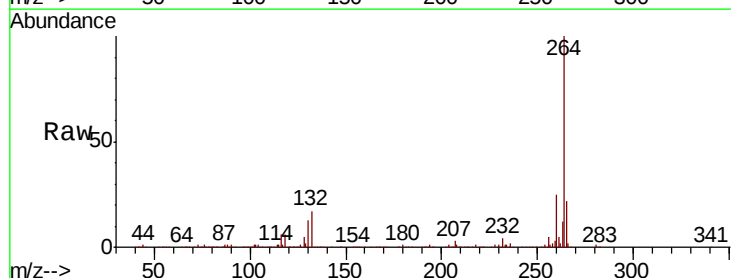
Tgt Ion:264 Resp: 468135

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

265 21.6 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

