

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044335.D
 Acq On : 7 Feb 2020 13:41
 Operator : CG/JU
 Sample : PB126649BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126649BL

Quant Time: Feb 08 02:46:58 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	83878	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	318444	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	199242	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	454010	20.00	ng	0.00
76) Chrysene-d12	21.54	240	455617	20.00	ng	0.00
87) Perylene-d12	24.63	264	470428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	773468	162.74	ng	0.00
7) Phenol-d6	7.08	99	966008	151.36	ng	0.00
23) Nitrobenzene-d5	9.07	82	590660	104.72	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	375686	160.62	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1299194	109.19	ng	0.00
79) Terphenyl-d14	19.91	244	2093472	94.51	ng	0.00

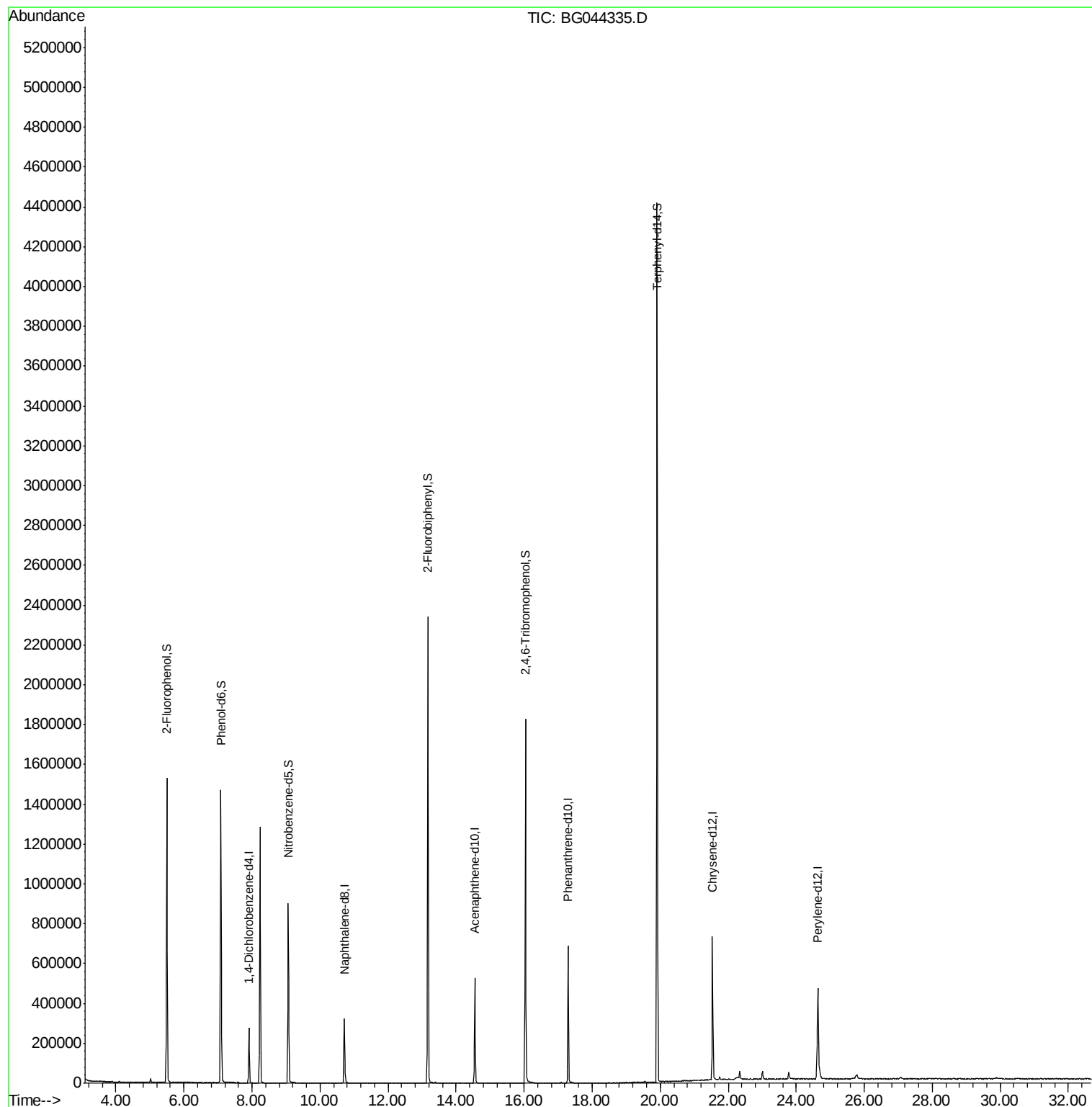
Target Compounds Qvalue

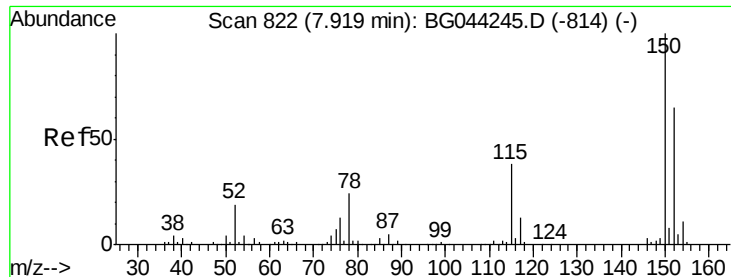
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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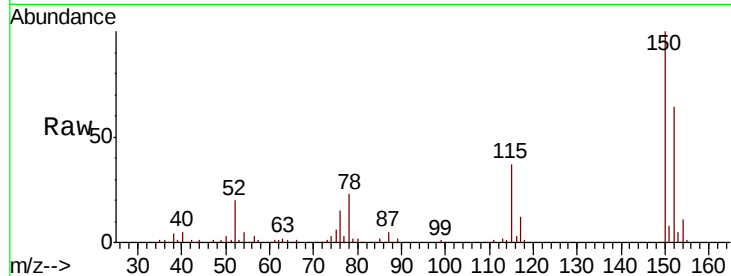


#1

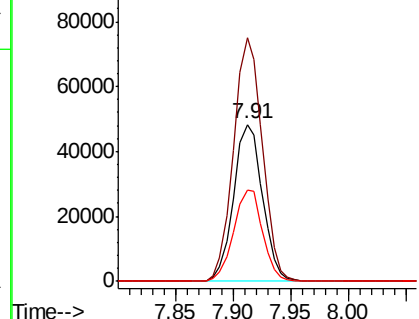
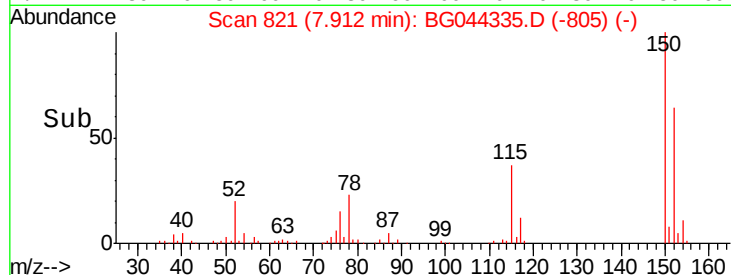
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044335.D
Acq: 7 Feb 2020 13:41

Instrument :
BNA_G
ClientSampleId :
PB126649BL

Tot Ion:152 Resp: 83878
Ion Ratio Lower Upper
152 100
150 155.3 122.6 183.8
115 58.2 46.0 69.0



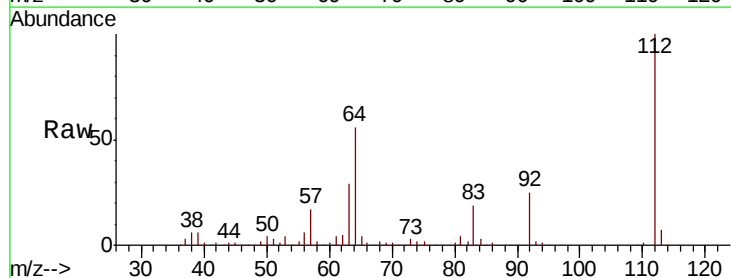
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



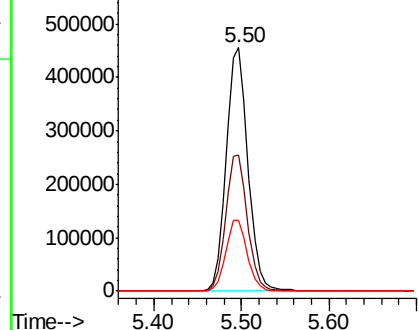
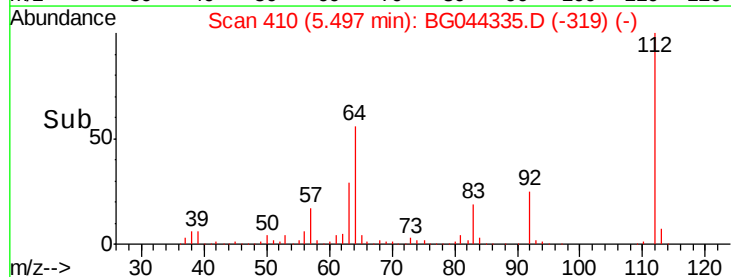
#5

2-Fluorophenol
Concen: 162.742 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG044335.D
Acq: 7 Feb 2020 13:41

Tgt Ion:112 Resp: 773468
Ion Ratio Lower Upper
112 100
64 56.0 45.4 68.2
63 29.0 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: 151.360 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044335.D

Acq: 7 Feb 2020 13:41

Instrument :

BNA_G

ClientSampleId :

PB126649BL

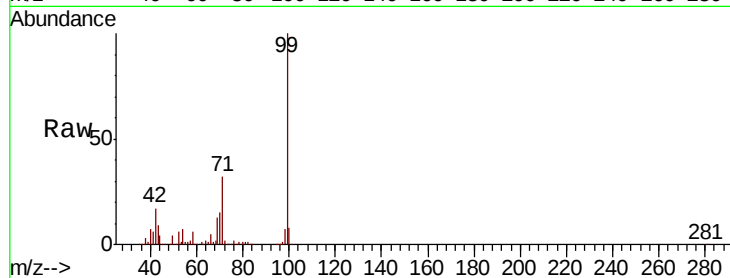
Tot Ion: 99 Resp: 966008

Ion Ratio Lower Upper

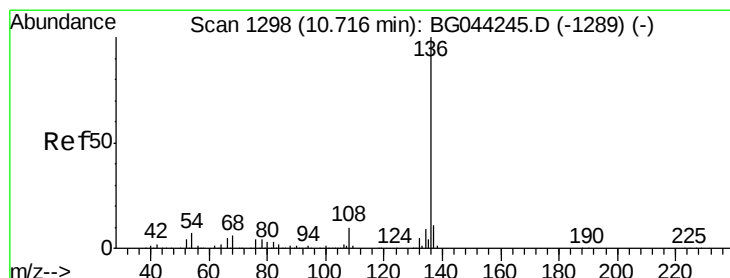
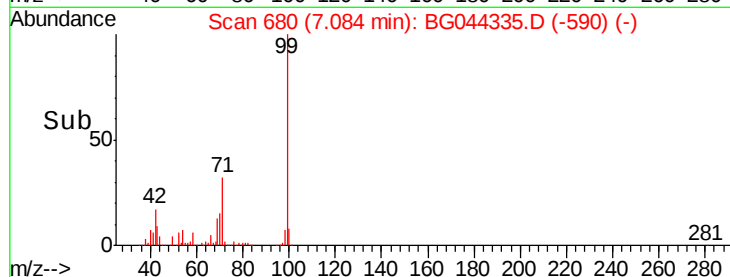
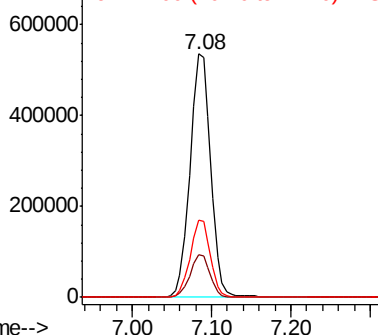
99 100

42 17.4 13.8 20.6

71 31.8 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# 1298

Delta R.T. -0.00 min

Lab File: BG044335.D

Acq: 7 Feb 2020 13:41

Tgt Ion: 136 Resp: 318444

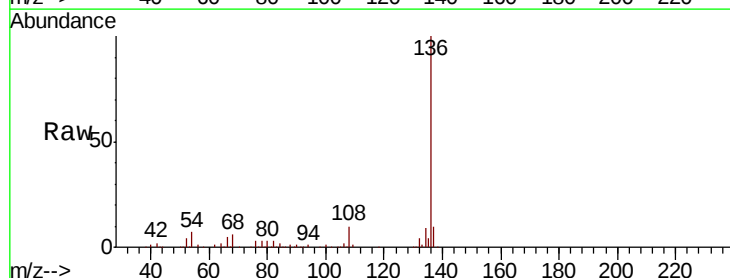
Ion Ratio Lower Upper

136 100

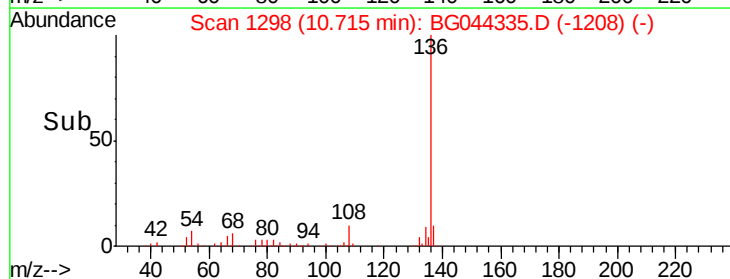
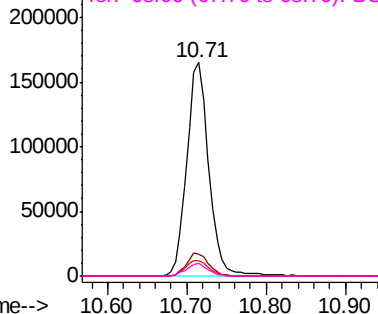
137 10.3 8.8 13.2

54 7.1 5.8 8.8

68 5.8 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

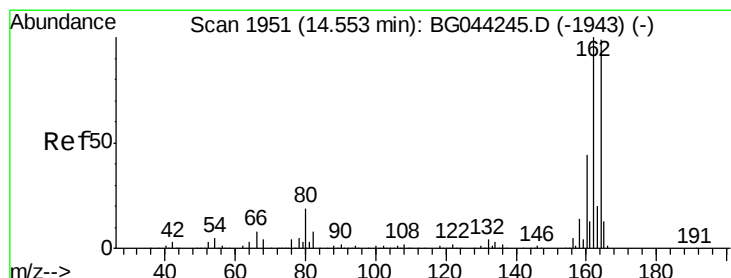
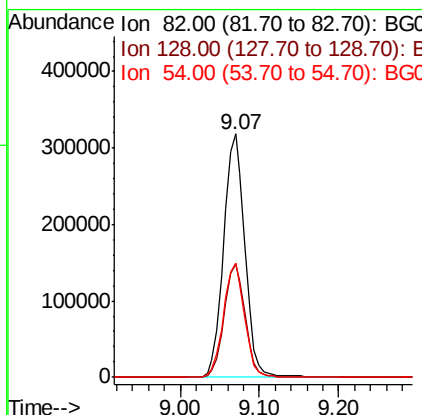
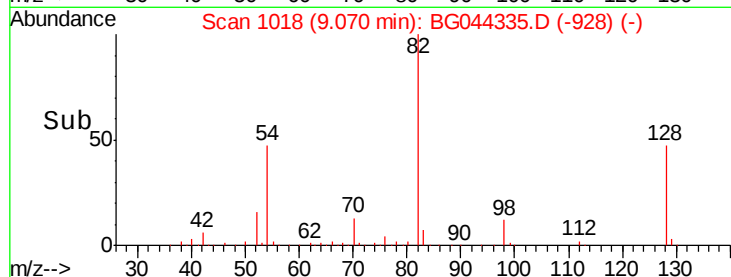
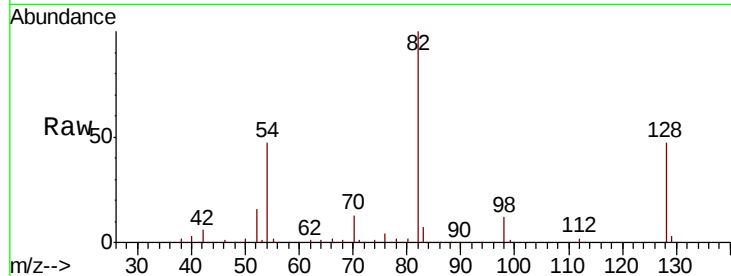




#23
Nitrobenzene-d5
Concen: 104.717 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044335.D
Acq: 7 Feb 2020 13:41

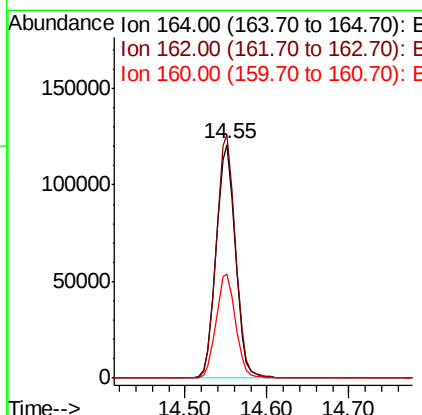
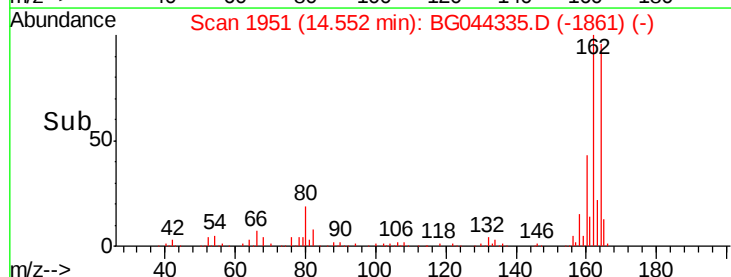
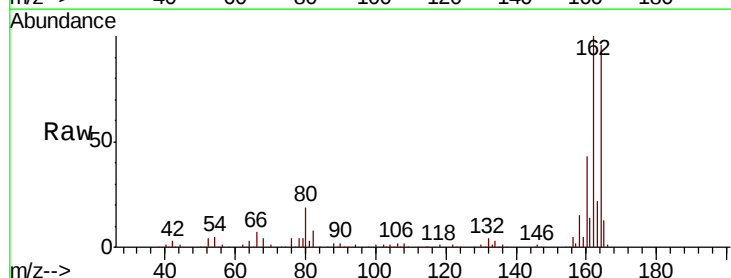
Instrument :
BNA_G
ClientSampleId :
PB126649BL

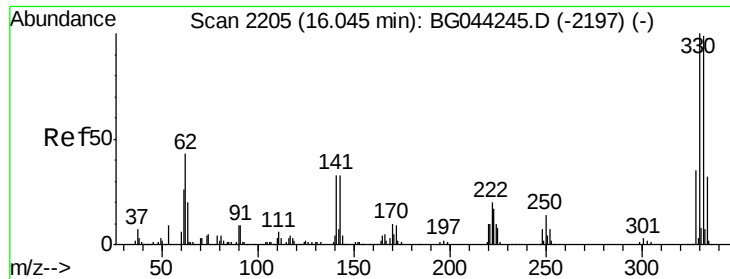
Tot Ion	82	Resp	590660
Ion Ratio	100	Lower	Upper
128	46.6	36.5	54.7
54	46.9	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044335.D
Acq: 7 Feb 2020 13:41

Tgt Ion	164	Resp	199242
Ion Ratio	100	Lower	Upper
162	104.1	80.7	121.1
160	44.6	35.3	52.9

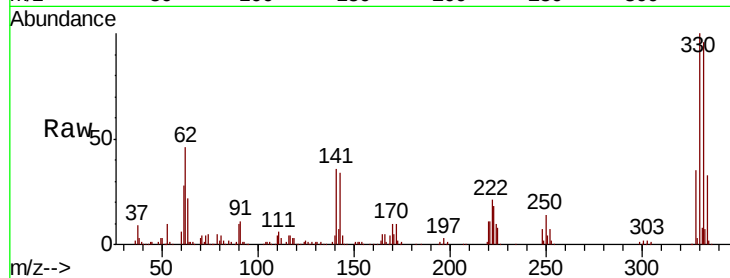




#42
 2,4,6-Tribromophenol
 Concen: 160.619 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG044335.D
 Acq: 7 Feb 2020 13:41

Instrument :
 BNA_G
 ClientSampleId :
 PB126649BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.2	115.8
141	35.4	28.3	42.5

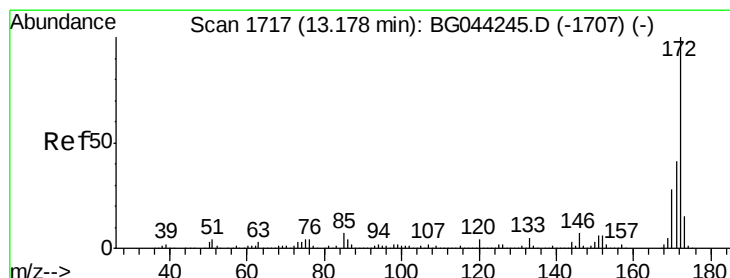
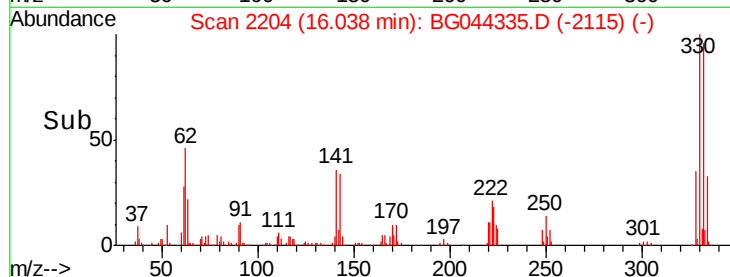
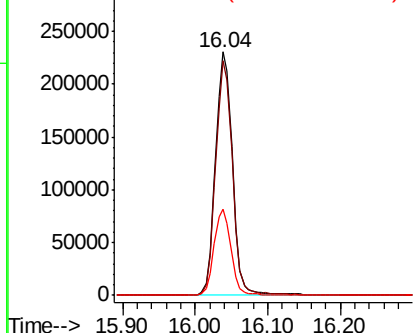


Abundance

Ion 329.80 (329.50 to 330.50): E

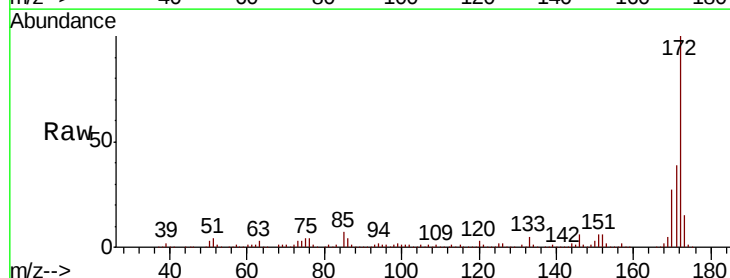
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 109.192 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044335.D
 Acq: 7 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.9	49.3
170	26.7	22.0	33.0

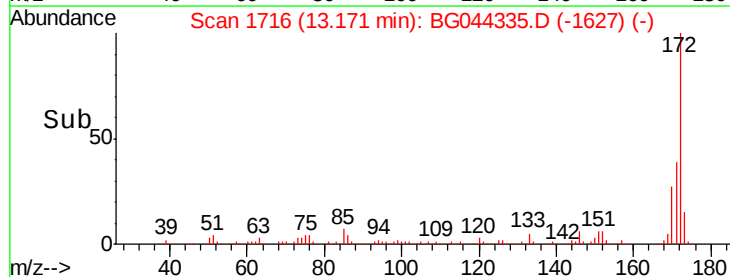
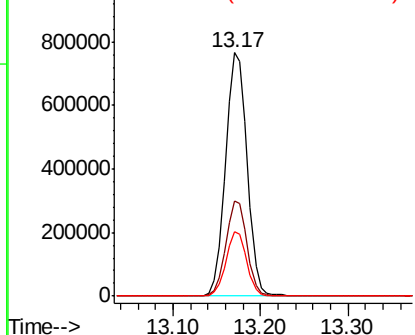


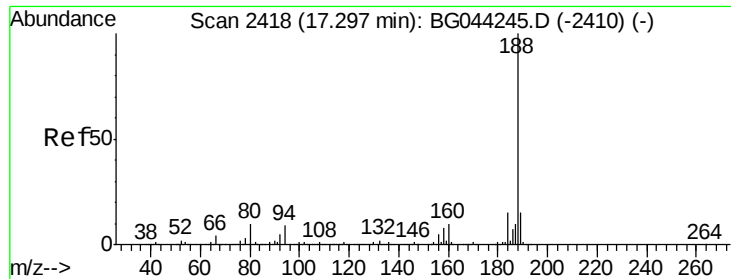
Abundance

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

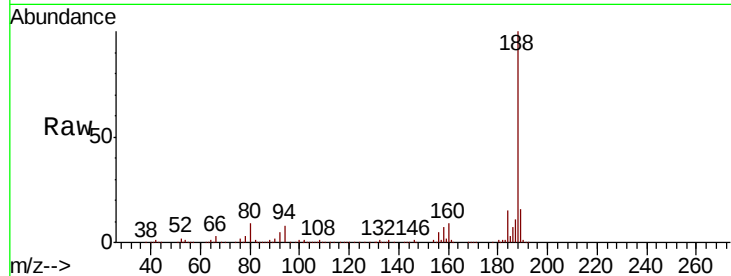




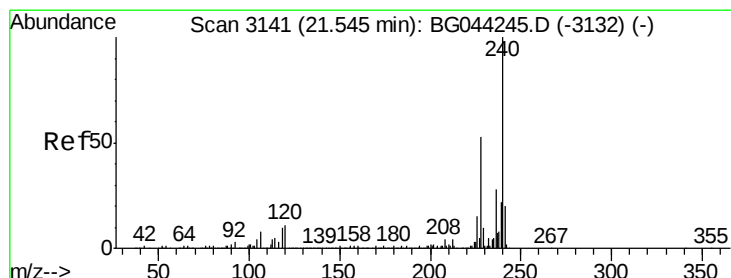
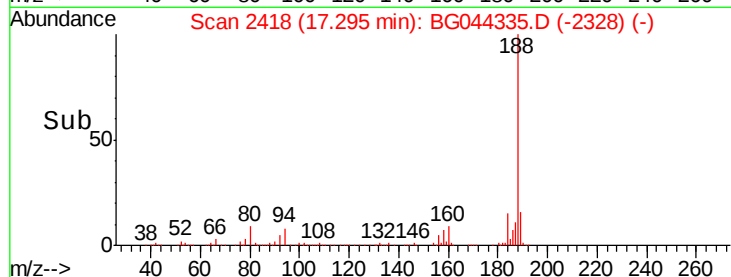
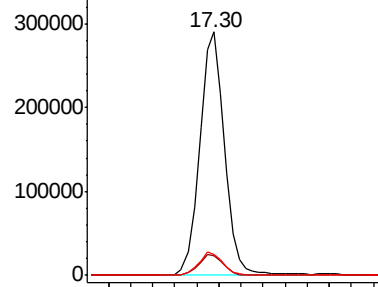
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044335.D
Acq: 7 Feb 2020 13:41

Instrument :
BNA_G
ClientSampleId :
PB126649BL

Tot Ion:188 Resp: 454010
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.6 7.7 11.5

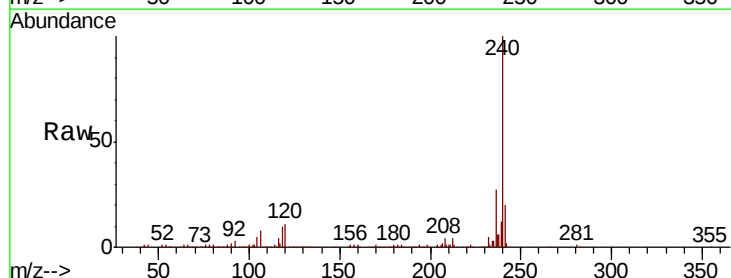


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

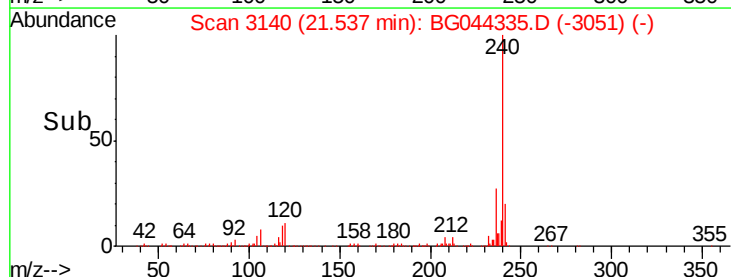
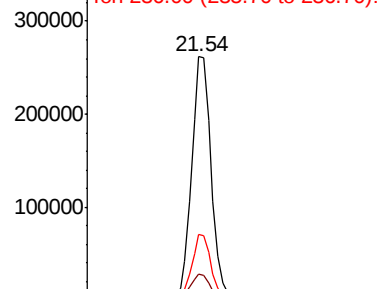


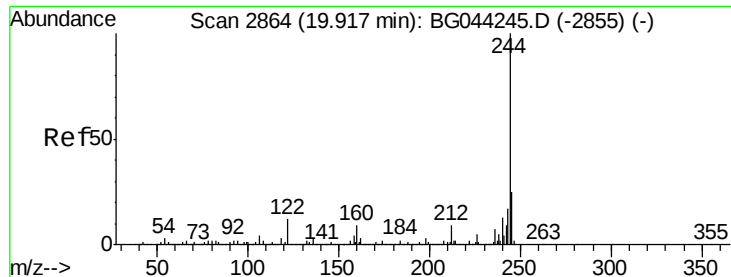
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG044335.D
Acq: 7 Feb 2020 13:41

Tgt Ion:240 Resp: 455617
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 27.0 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: 94.509 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044335.D

Acq: 7 Feb 2020 13:41

Instrument :

BNA_G

ClientSampleId :

PB126649BL

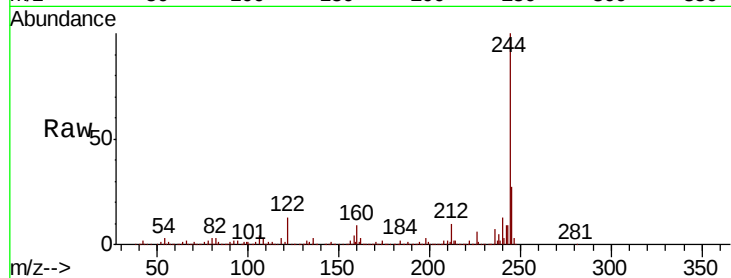
Tot Ion:244 Resp: 2093472

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.2

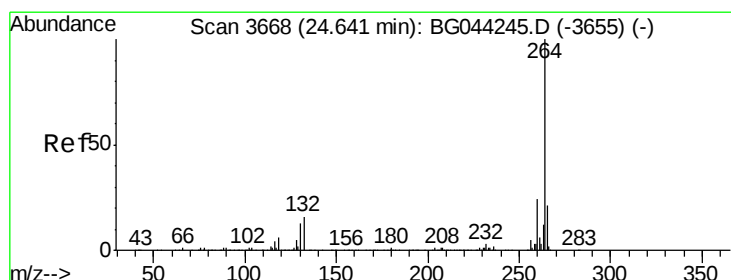
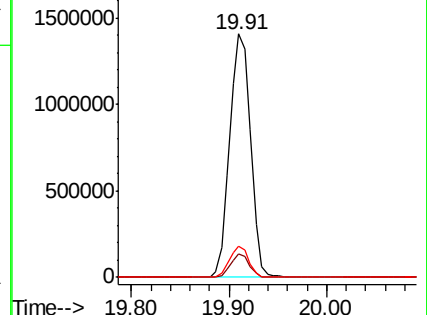
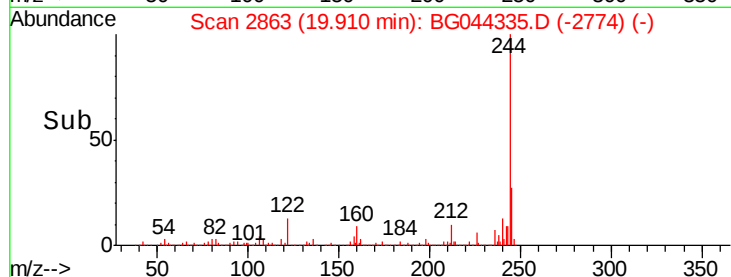
122 13.0 9.8 14.6



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: 24.63 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG044335.D

Acq: 7 Feb 2020 13:41

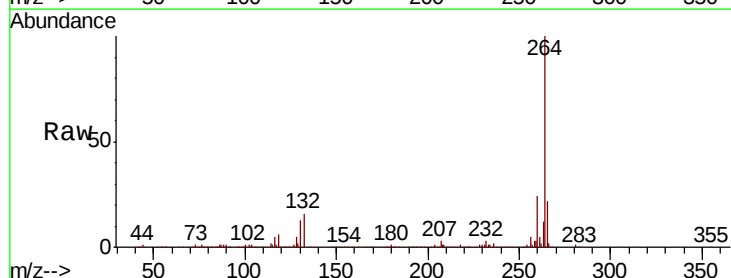
Tgt Ion:264 Resp: 470428

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.8 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

