

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
 Data File : BG044393.D
 Acq On : 11 Feb 2020 17:54
 Operator : CG/JU
 Sample : PB126699BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126699BL

Quant Time: Feb 12 03:30:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

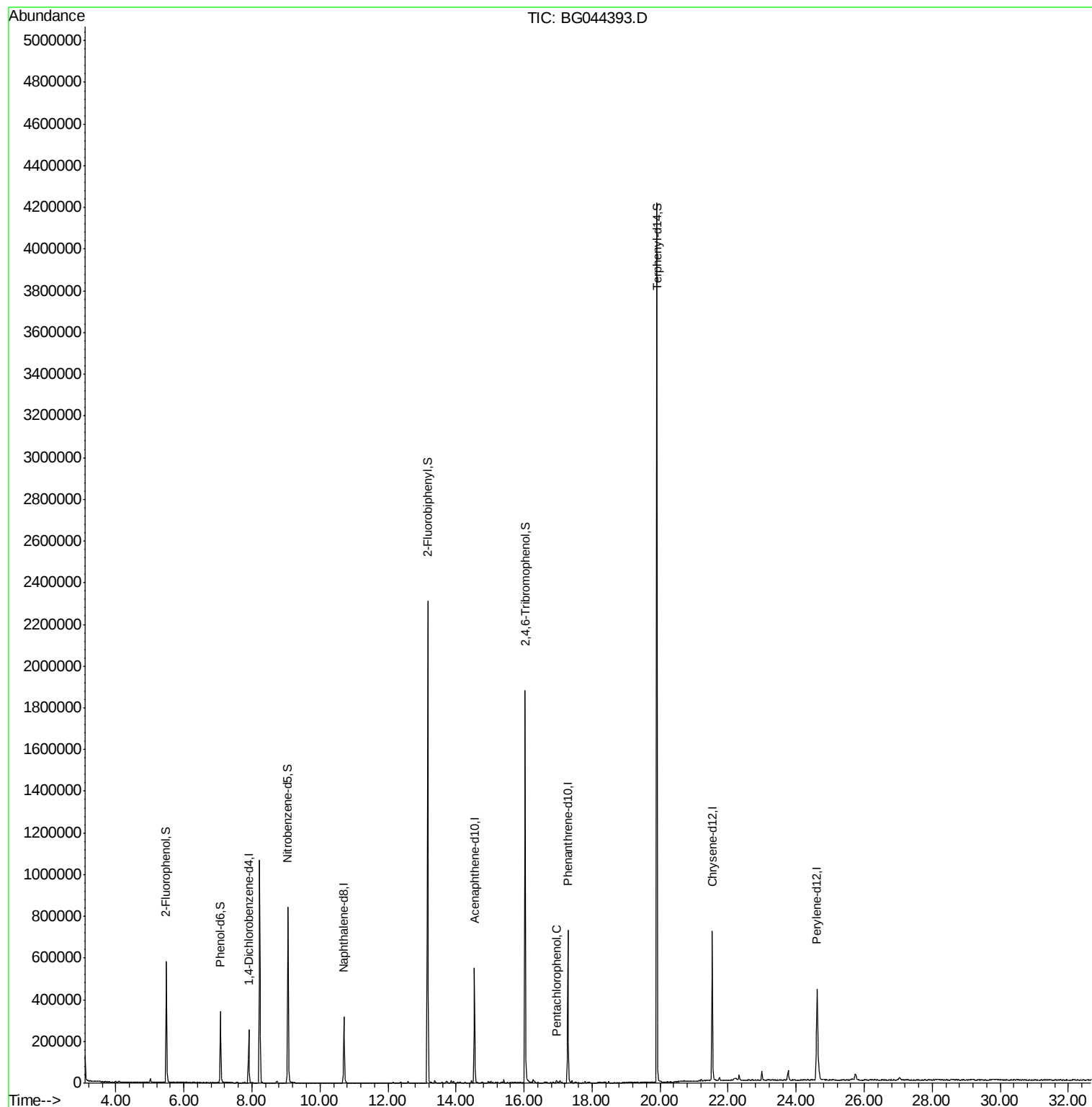
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	78106	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	307931	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	200302	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	459967	20.00	ng	0.00
76) Chrysene-d12	21.53	240	449009	20.00	ng	0.00
87) Perylene-d12	24.62	264	461693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	298593	67.47	ng	0.00
7) Phenol-d6	7.07	99	231918	39.02	ng	0.00
23) Nitrobenzene-d5	9.06	82	547506	100.38	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	379952	161.58	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1255290	104.94	ng	0.00
79) Terphenyl-d14	19.90	244	1995674	91.42	ng	0.00
Target Compounds						
70) Pentachlorophenol	16.95	266	3673	4.385	ng	Qvalue 96

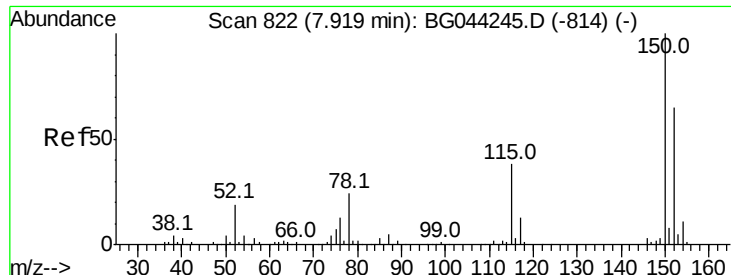
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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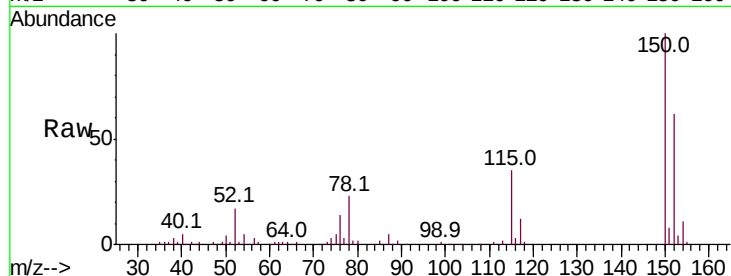


#1

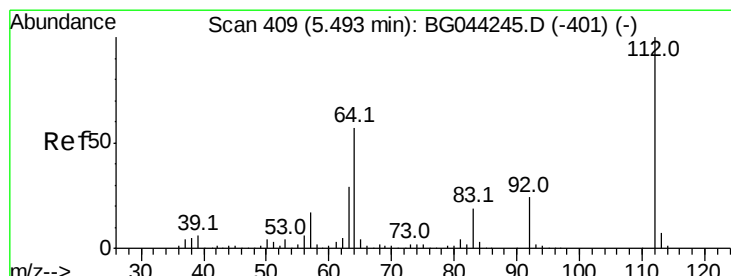
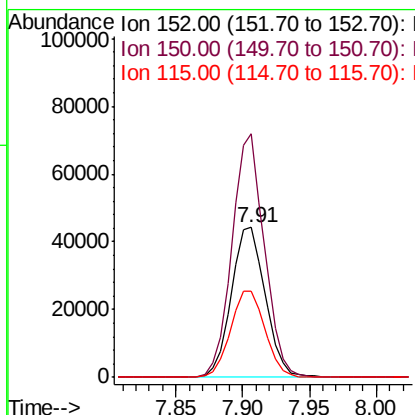
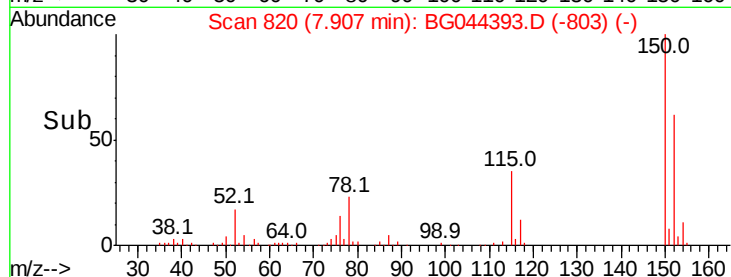
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG044393.D
 Acq: 11 Feb 2020 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB126699BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	122.6	183.8
115	57.3	46.0	69.0



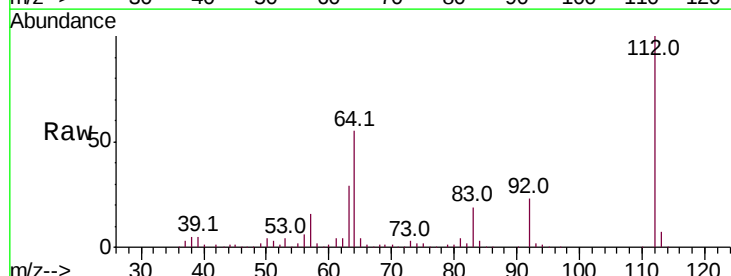
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



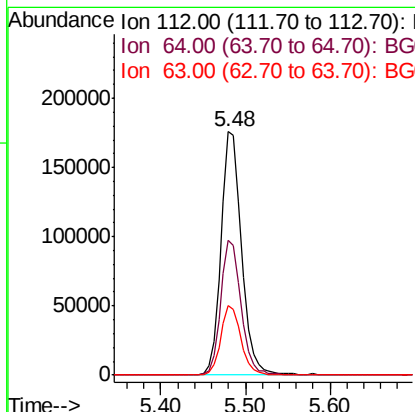
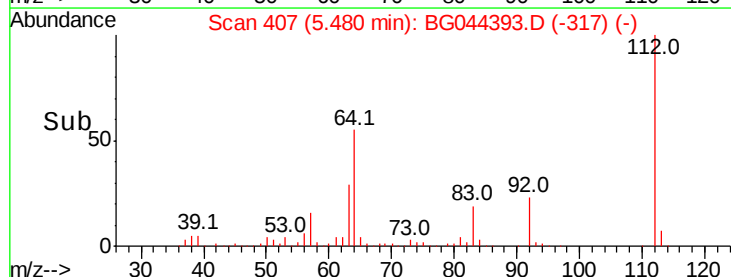
#5

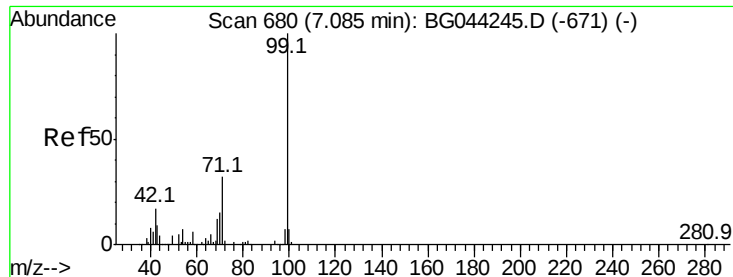
2-Fluorophenol
 Concen: 67.469 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044393.D
 Acq: 11 Feb 2020 17:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	45.4	68.2
63	28.5	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: 39.024 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044393.D

Acq: 11 Feb 2020 17:54

Instrument :

BNA_G

ClientSampleId :

PB126699BL

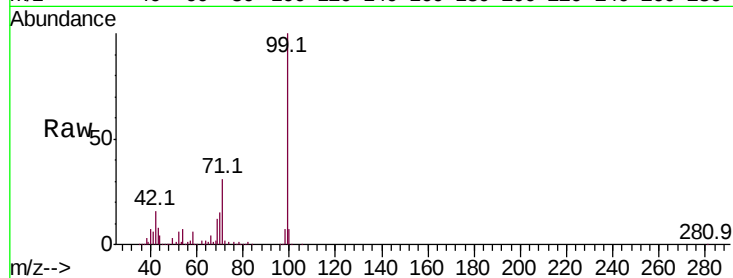
Tot Ion: 99 Resp: 231918

Ion Ratio Lower Upper

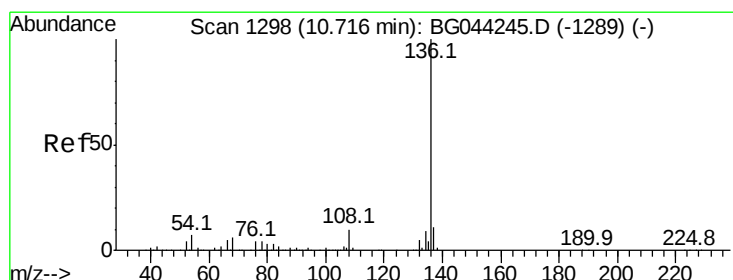
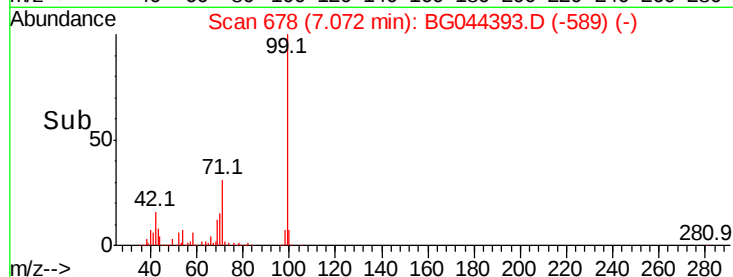
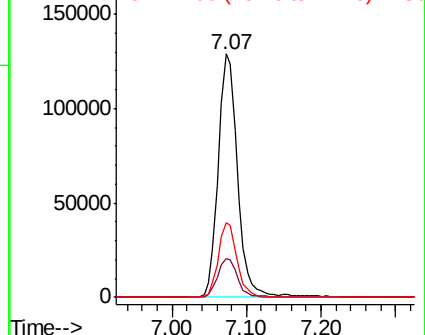
99 100

42 16.0 13.8 20.6

71 30.7 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: 10.70 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044393.D

Acq: 11 Feb 2020 17:54

Tgt Ion: 136 Resp: 307931

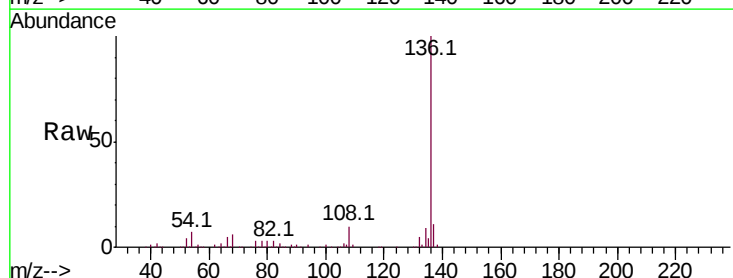
Ion Ratio Lower Upper

136 100

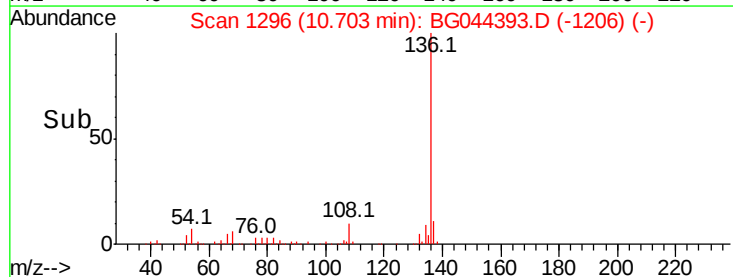
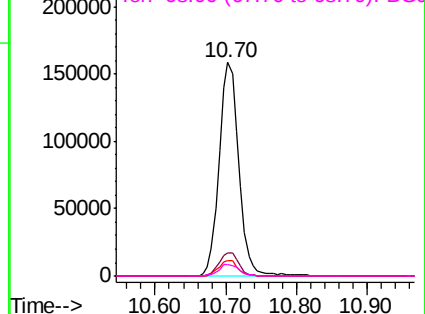
137 11.1 8.8 13.2

54 7.4 5.8 8.8

68 5.6 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

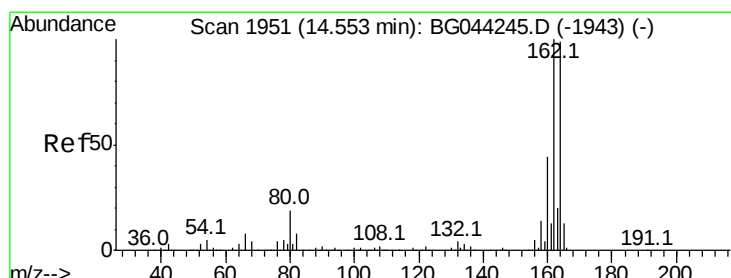
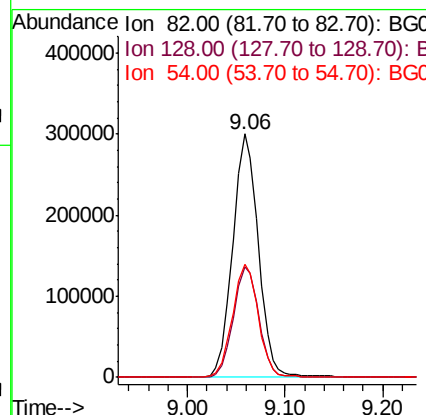
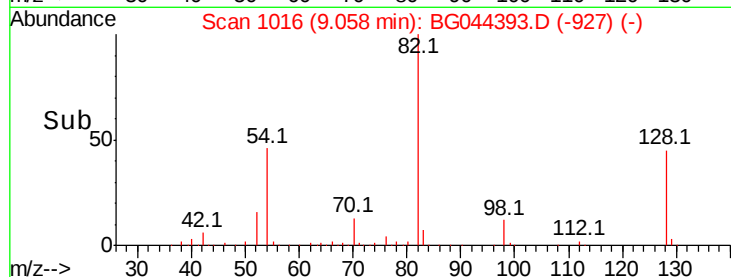
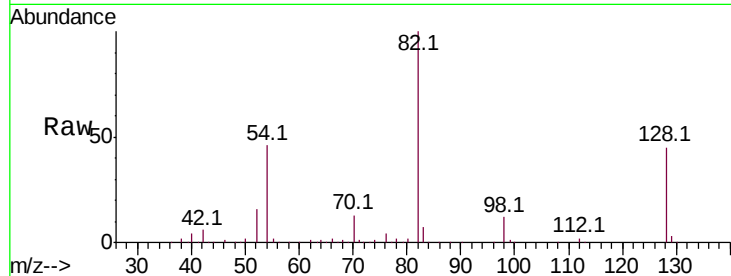




#23
 Nitrobenzene-d5
 Concen: 100.380 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044393.D
 Acq: 11 Feb 2020 17:54

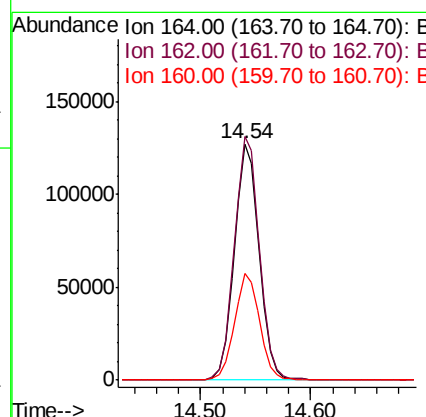
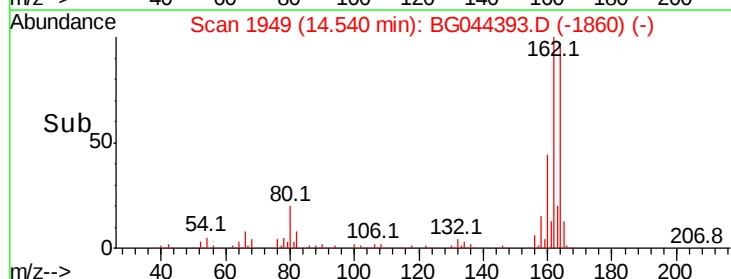
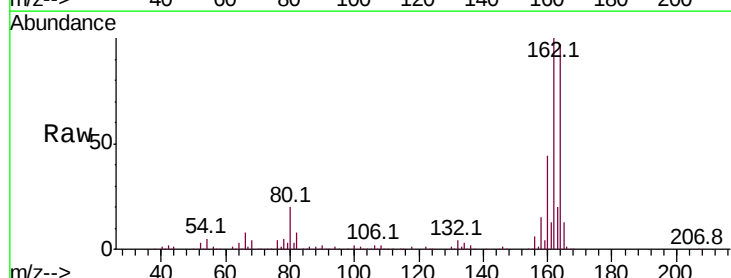
Instrument :
 BNA_G
 ClientSampleID :
 PB126699BL

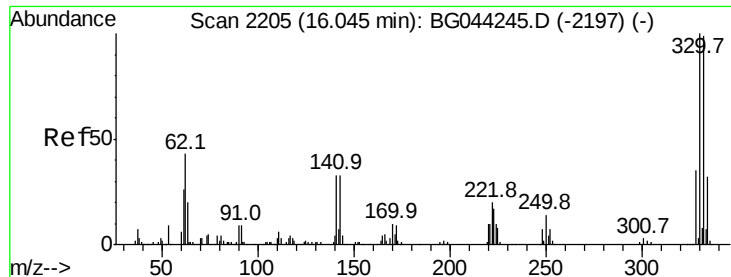
Tot Ion	82	Resp	547506
Ion Ratio	100	Lower	Upper
128	45.1	36.5	54.7
54	46.4	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG044393.D
 Acq: 11 Feb 2020 17:54

Tgt Ion	164	Resp	200302
Ion Ratio	100	Lower	Upper
162	103.0	80.7	121.1
160	44.9	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 161.583 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044393.D

Acq: 11 Feb 2020 17:54

Instrument :

BNA_G

ClientSampleId :

PB126699BL

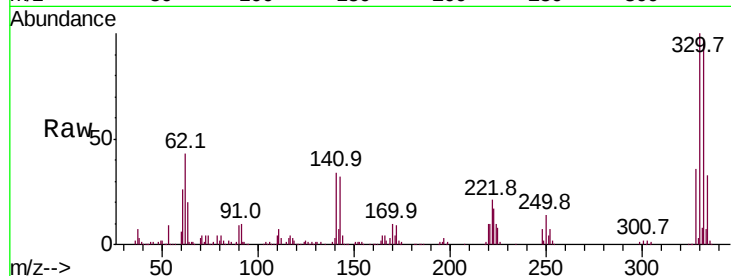
Tot Ion:330 Resp: 379952

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

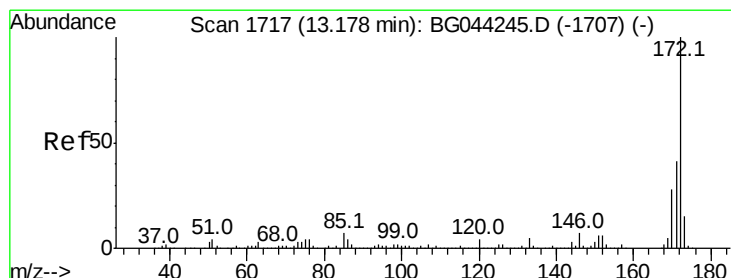
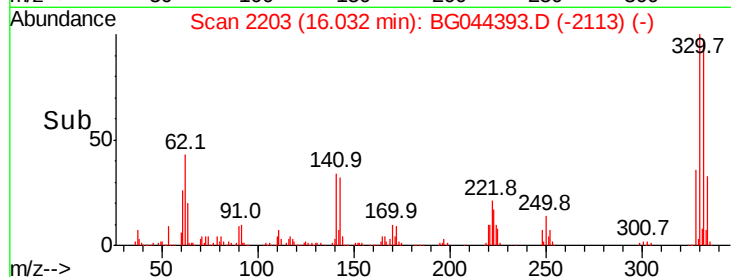
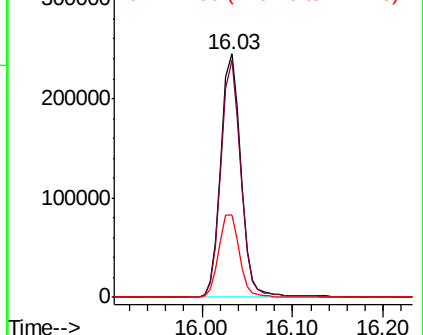
141 34.9 28.3 42.5



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: 104.944 ng

RT: 13.17 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BG044393.D

Acq: 11 Feb 2020 17:54

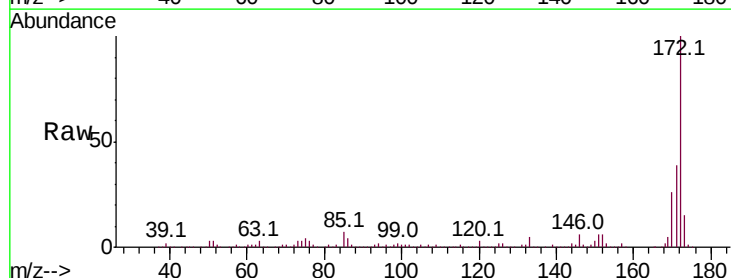
Tgt Ion:172 Resp: 1255290

Ion Ratio Lower Upper

172 100

171 39.2 32.9 49.3

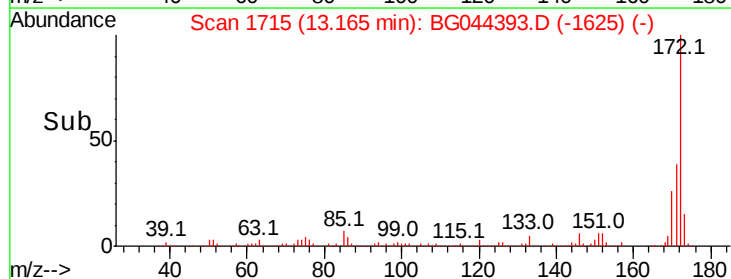
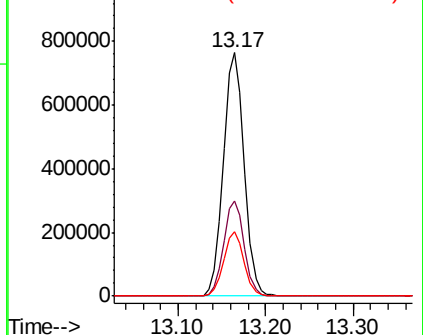
170 26.5 22.0 33.0

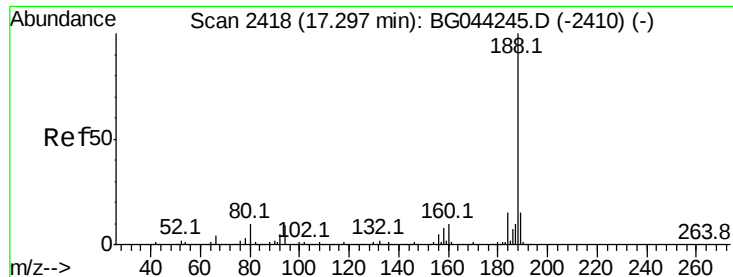


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.28 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044393.D

Acq: 11 Feb 2020 17:54

Instrument :

BNA_G

ClientSampleId :

PB126699BL

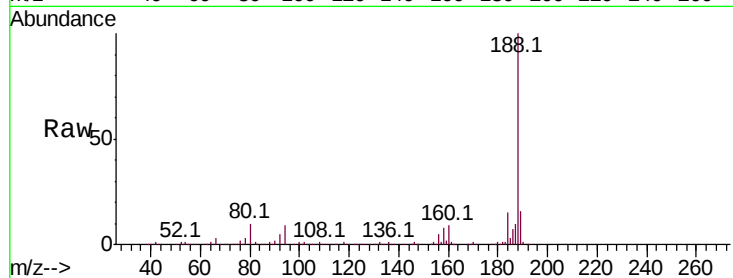
Tot Ion:188 Resp: 459967

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

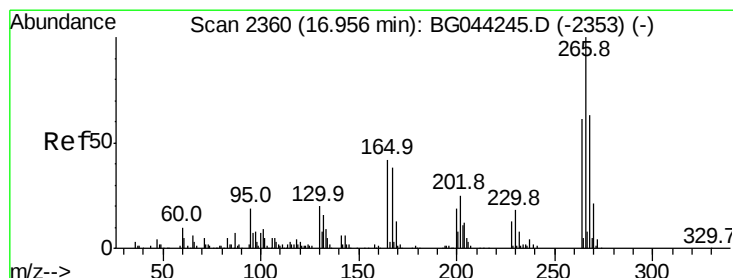
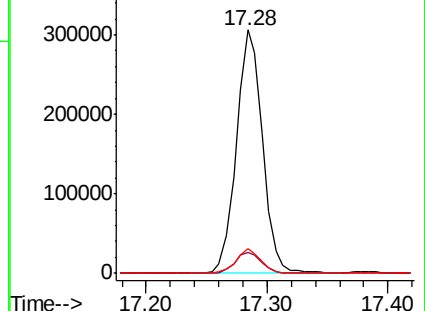
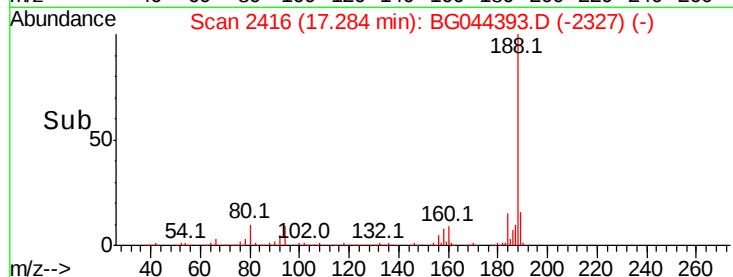
80 10.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#70

Pentachlorophenol

Concen: 4.385 ng

RT: 16.95 min Scan# 2360

Delta R.T. 0.01 min

Lab File: BG044393.D

Acq: 11 Feb 2020 17:54

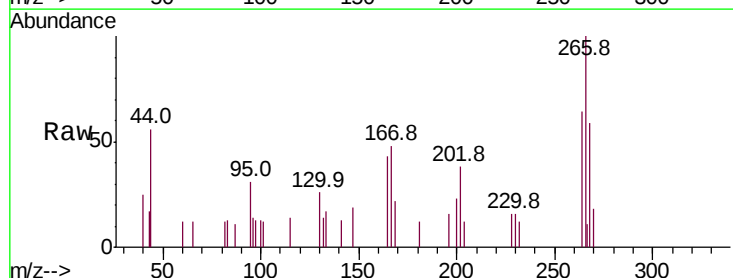
Tgt Ion:266 Resp: 3673

Ion Ratio Lower Upper

266 100

268 59.2 50.6 75.8

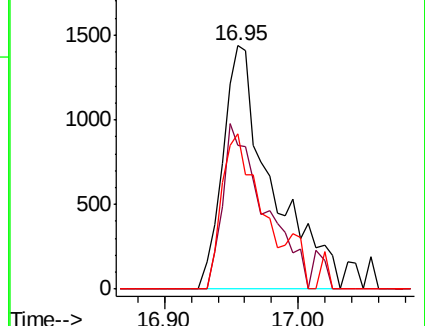
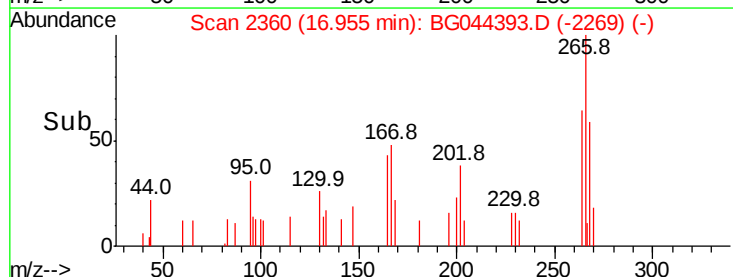
264 63.8 48.7 73.1

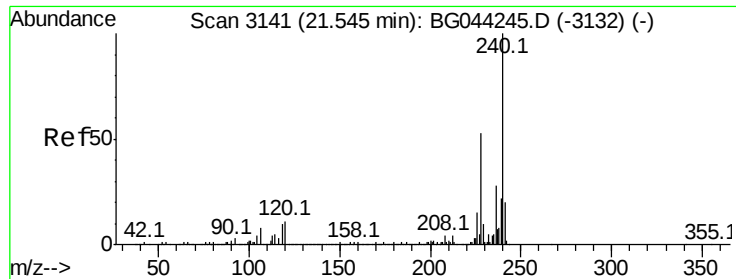


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

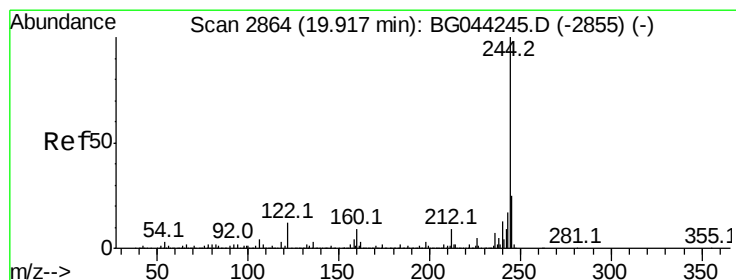
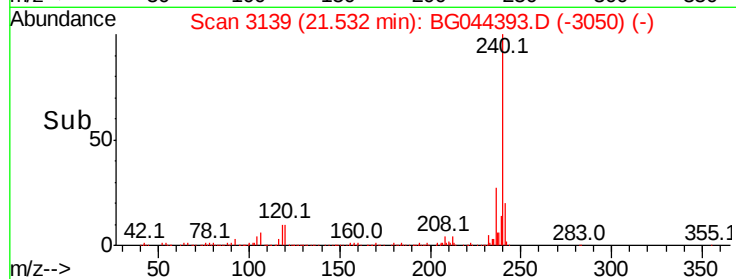
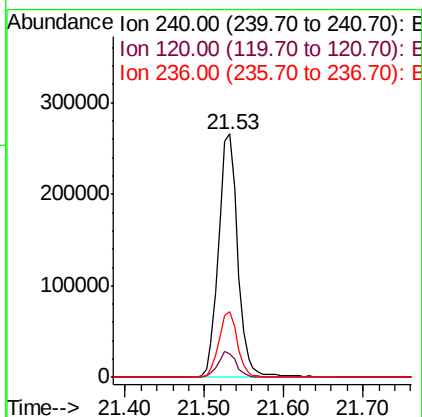
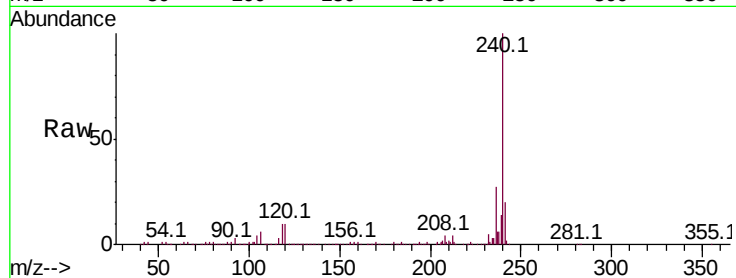




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.00 min
 Lab File: BG044393.D
 Acq: 11 Feb 2020 17:54

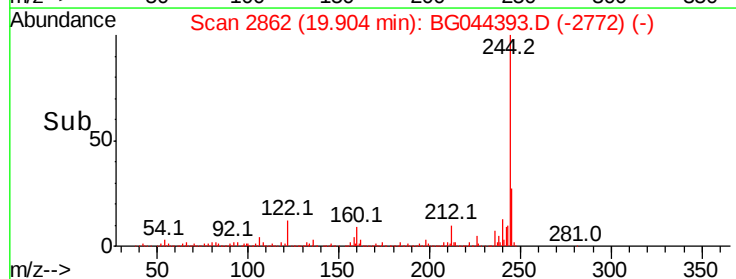
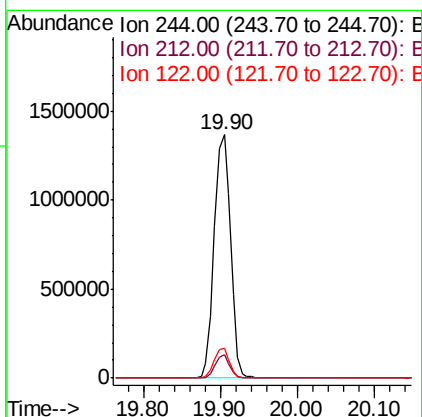
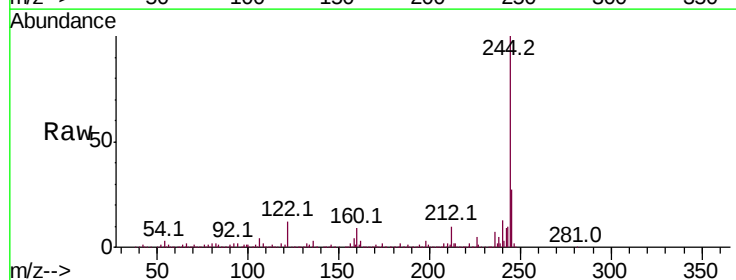
Instrument :
 BNA_G
 ClientSampleId :
 PB126699BL

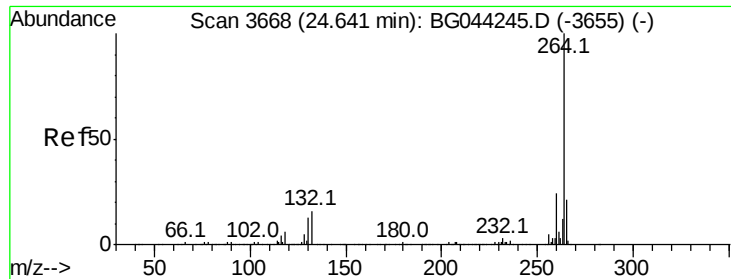
Tot Ion:240 Resp: 449009
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.4 12.6
 236 26.9 22.1 33.1



#79
 Terphenyl-d14
 Concen: 91.420 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044393.D
 Acq: 11 Feb 2020 17:54

Tgt Ion:244 Resp: 1995674
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.4 11.2
 122 12.1 9.8 14.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.62 min Scan# 3664
 Delta R.T. -0.00 min
 Lab File: BG044393.D
 Acq: 11 Feb 2020 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB126699BL

Tot Ion: 264 Resp: 461693
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.4 29.2
 265 21.8 16.7 25.1

