

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
 Data File : BG044272.D
 Acq On : 3 Feb 2020 14:46
 Operator : CG/JU
 Sample : PB126541BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126541BL

Quant Time: Feb 04 01:07:47 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	7.92	152	76266	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	333080	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	251819	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	572608	20.00	ng	0.00
76) Chrysene-d12	21.54	240	511939	20.00	ng	0.00
87) Perylene-d12	24.65	264	548193	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	610956	141.38	ng	0.00
7) Phenol-d6	7.08	99	847354	146.02	ng	0.00
23) Nitrobenzene-d5	9.07	82	503794	85.39	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	379344	128.32	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1277170	84.93	ng	0.00
79) Terphenyl-d14	19.92	244	2093914	84.13	ng	0.00

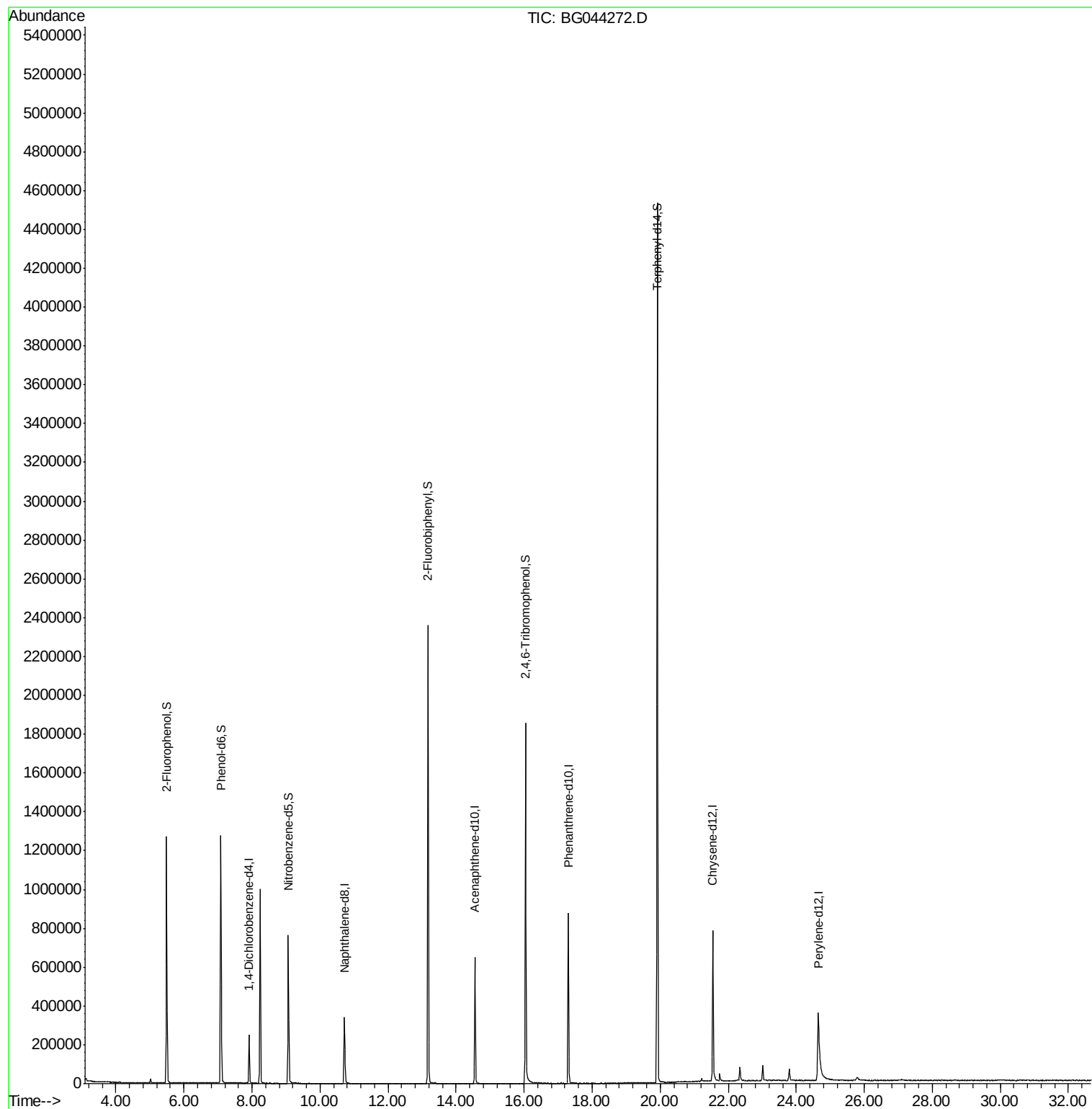
Target Compounds Qvalue

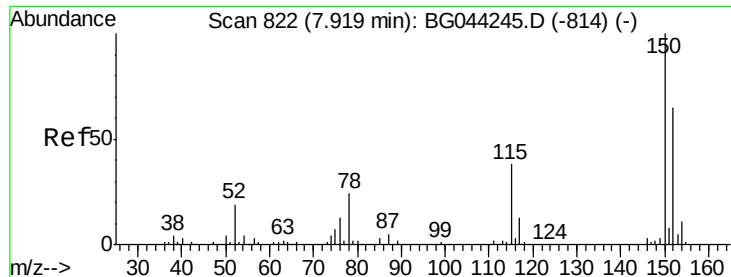
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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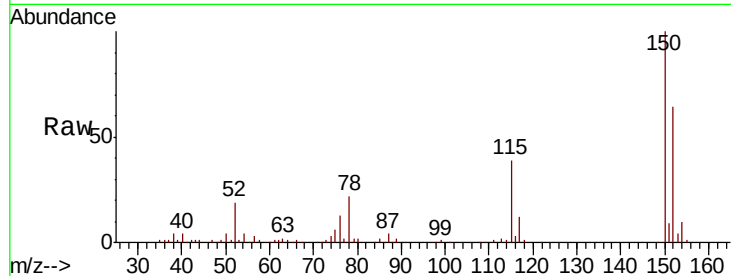


#1

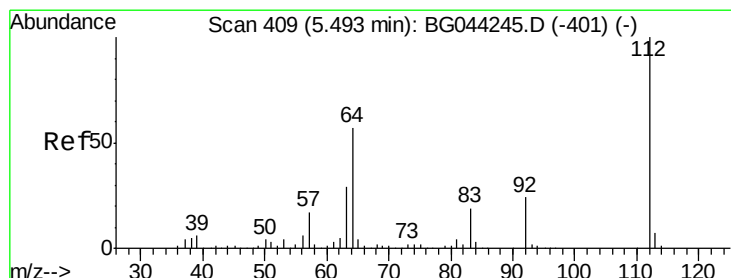
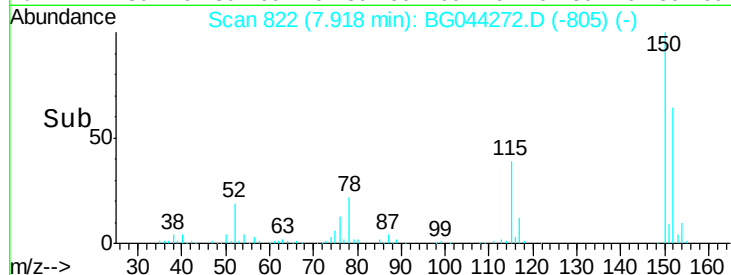
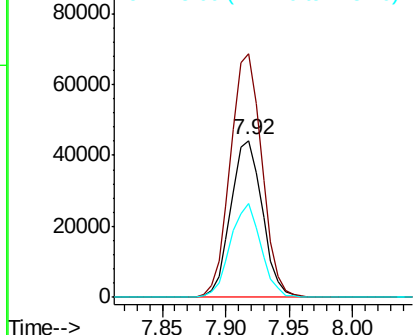
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG044272.D
 Acq: 3 Feb 2020 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB126541BL

Tot Ion:152 Resp: 76266
 Ion Ratio Lower Upper
 152 100
 150 155.1 122.6 183.8
 115 59.9 46.0 69.0



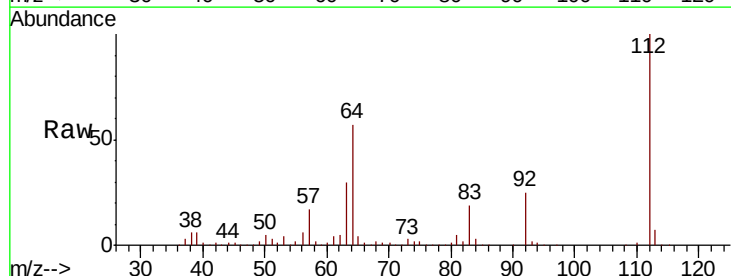
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



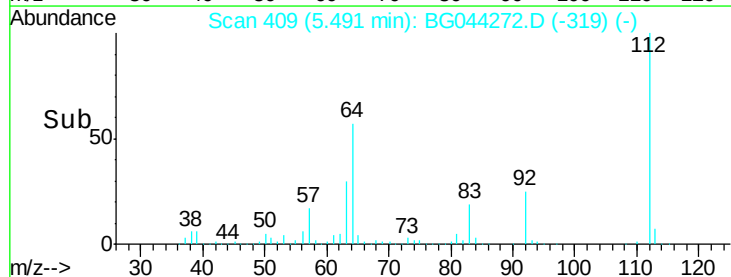
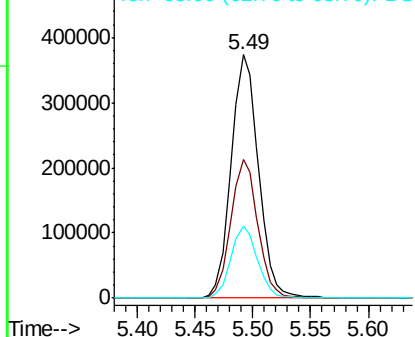
#5

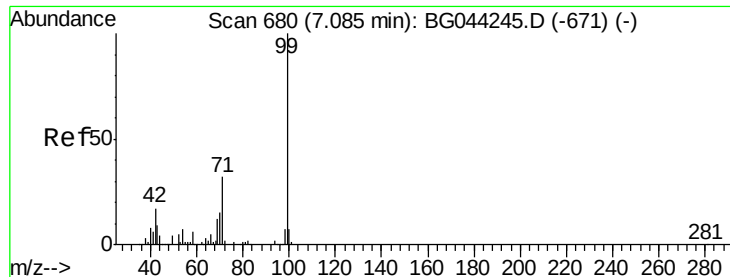
2-Fluorophenol
 Concen: 141.379 ng
 RT: 5.49 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BG044272.D
 Acq: 3 Feb 2020 14:46

Tgt Ion:112 Resp: 610956
 Ion Ratio Lower Upper
 112 100
 64 57.2 45.4 68.2
 63 29.6 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: 146.020 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044272.D

Acq: 3 Feb 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB126541BL

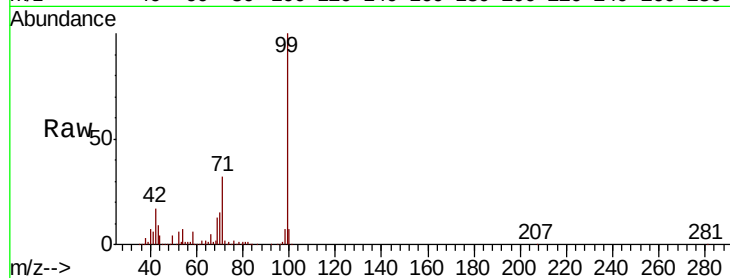
Tot Ion: 99 Resp: 847354

Ion Ratio Lower Upper

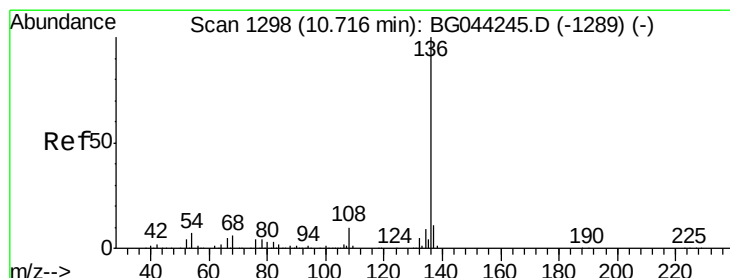
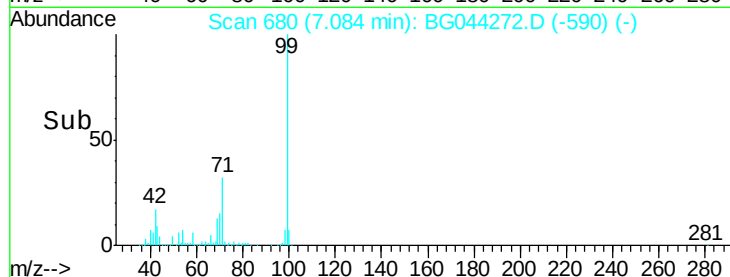
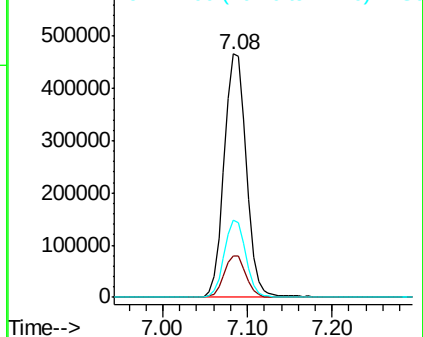
99 100

42 17.2 13.8 20.6

71 31.9 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: BG044272.D

Acq: 3 Feb 2020 14:46

Tgt Ion: 136 Resp: 333080

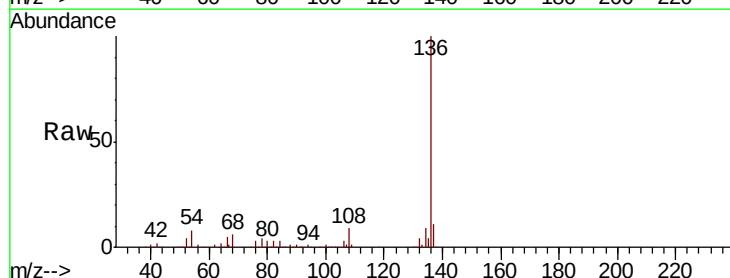
Ion Ratio Lower Upper

136 100

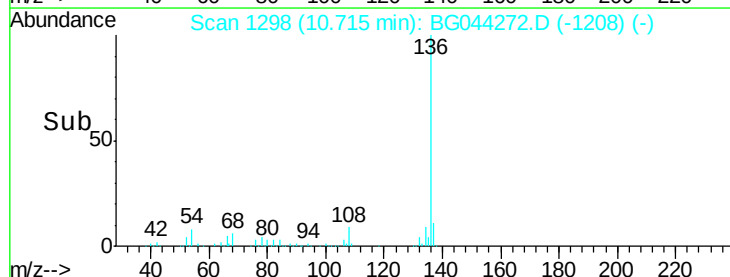
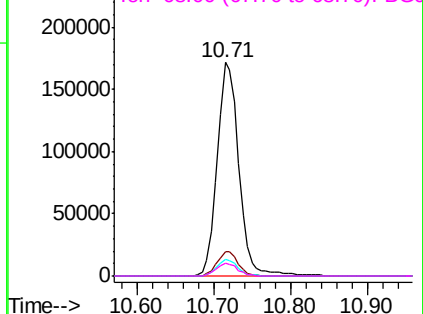
137 11.4 8.8 13.2

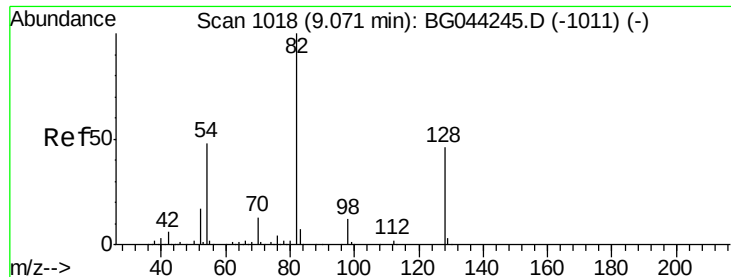
54 7.8 5.8 8.8

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

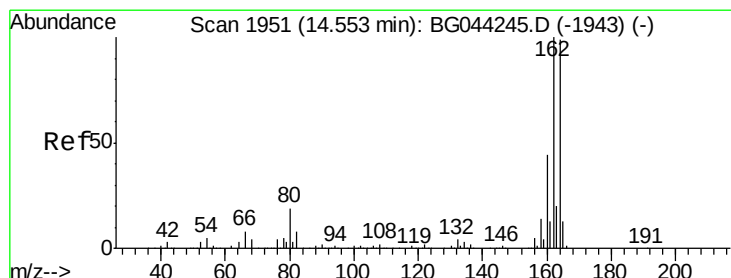
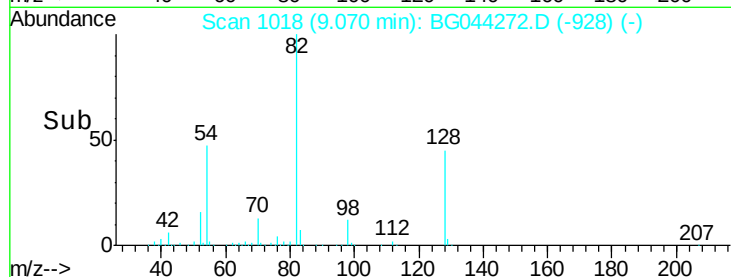
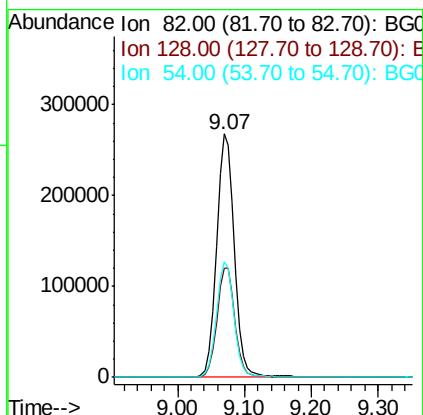
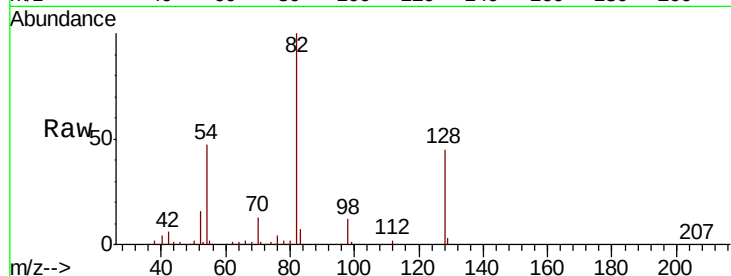




#23
 Nitrobenzene-d5
 Concen: 85.392 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044272.D
 Acq: 3 Feb 2020 14:46

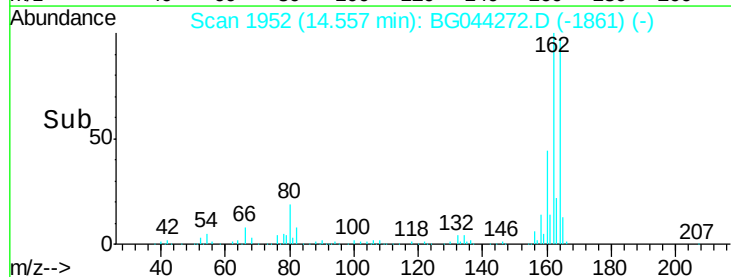
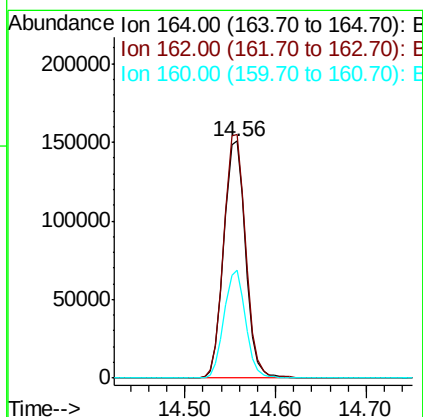
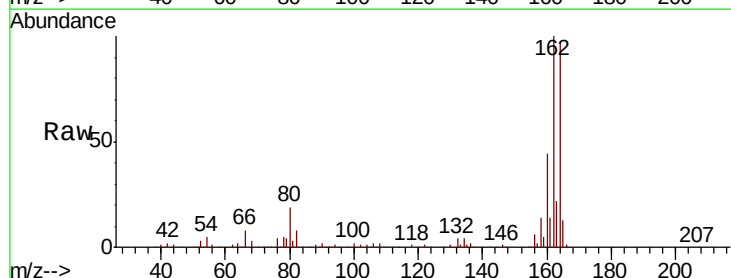
Instrument :
 BNA_G
 ClientSampleId :
 PB126541BL

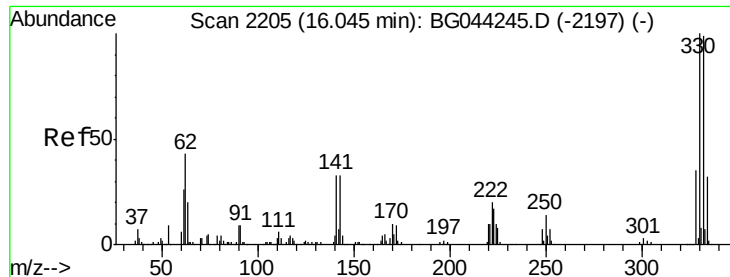
Tot Ion	82	Resp	503794
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
128	44.9		
54	47.4		
	38.6		
	58.0		



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: BG044272.D
 Acq: 3 Feb 2020 14:46

Tgt Ion	164	Resp	251819
Ion Ratio	100		
Lower	80.7		
Upper	121.1		
162	102.8		
160	45.3		
	35.3		
	52.9		

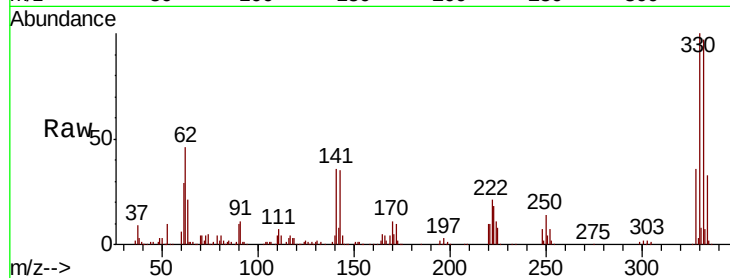




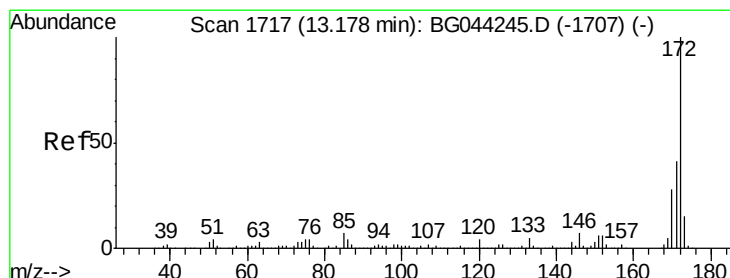
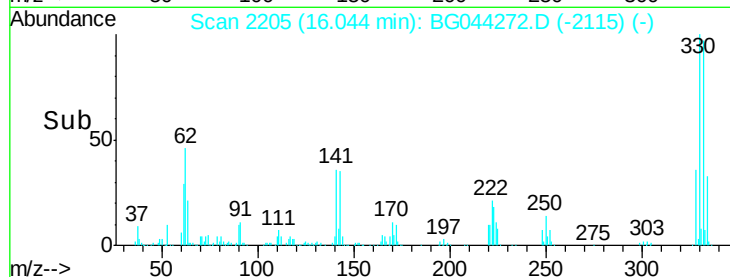
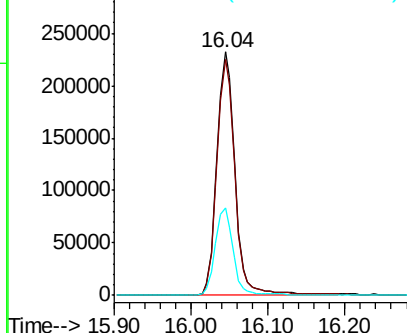
#42
 2,4,6-Tribromophenol
 Concen: 128.321 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG044272.D
 Acq: 3 Feb 2020 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB126541BL

Tot Ion:330 Resp: 379344
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.2 115.8
 141 35.8 28.3 42.5

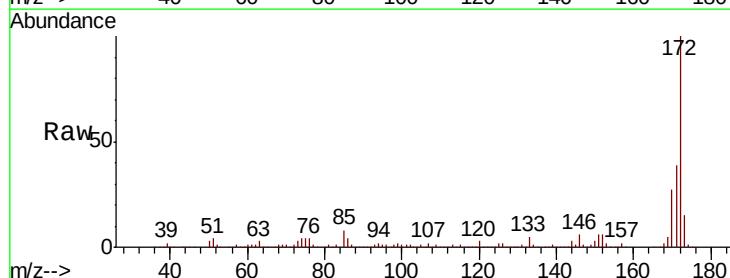


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

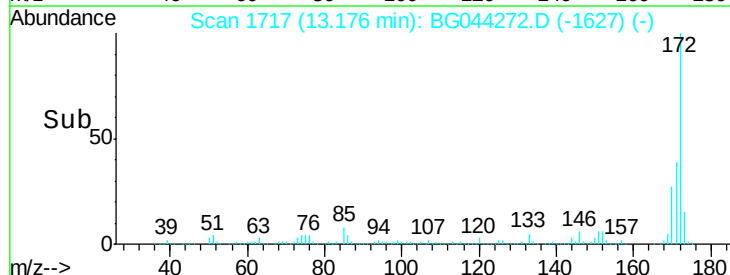
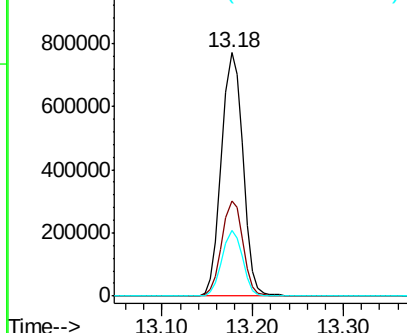


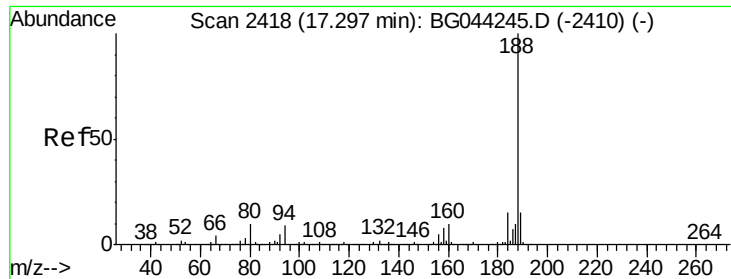
#45
 2-Fluorobiphenyl
 Concen: 84.930 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044272.D
 Acq: 3 Feb 2020 14:46

Tgt Ion:172 Resp: 1277170
 Ion Ratio Lower Upper
 172 100
 171 39.3 32.9 49.3
 170 26.9 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# 2419

Delta R.T. 0.00 min

Lab File: BG044272.D

Acq: 3 Feb 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB126541BL

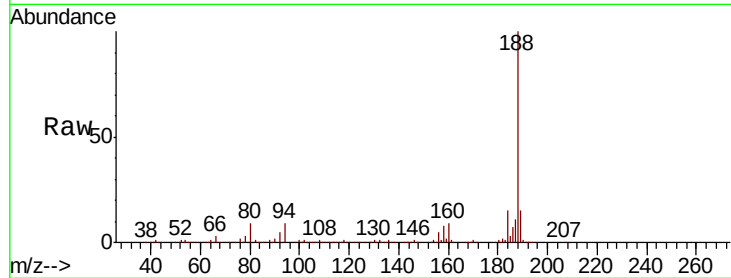
Tot Ion:188 Resp: 572608

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

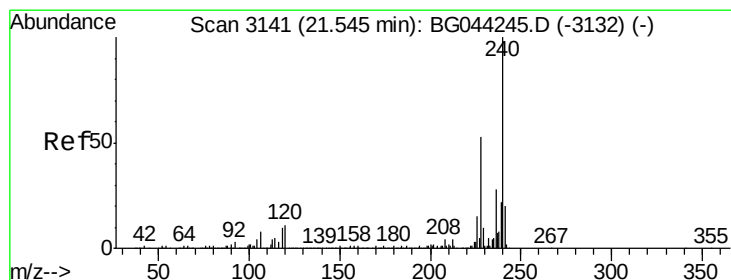
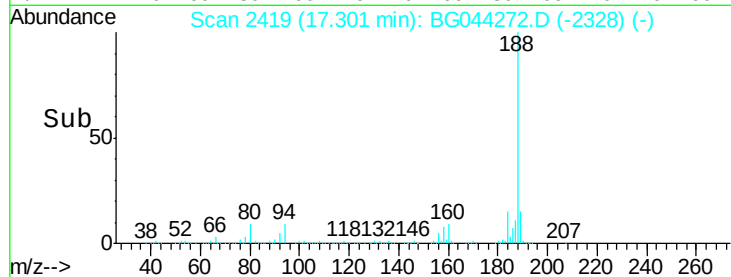
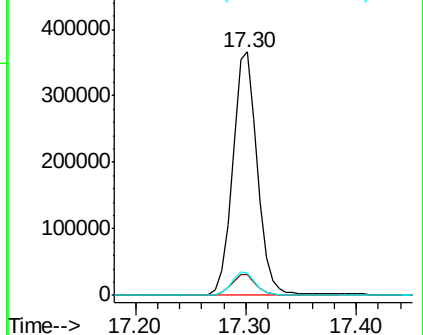
80 9.1 7.7 11.5



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: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044272.D

Acq: 3 Feb 2020 14:46

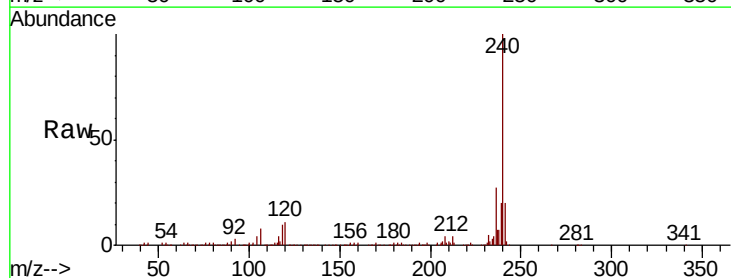
Tgt Ion:240 Resp: 511939

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

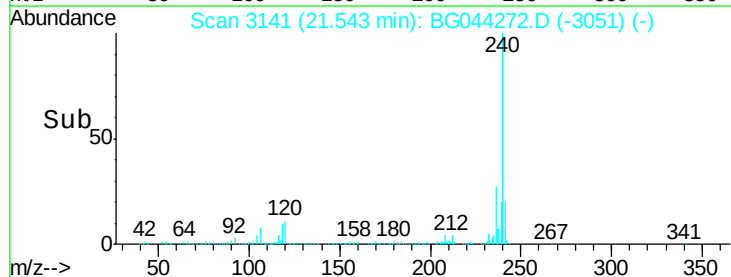
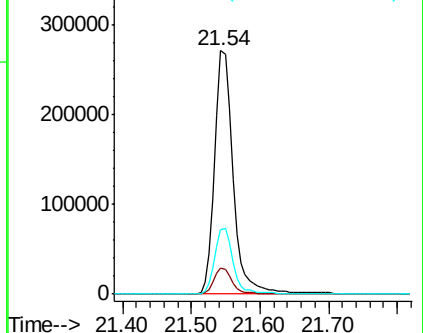
236 26.7 22.1 33.1

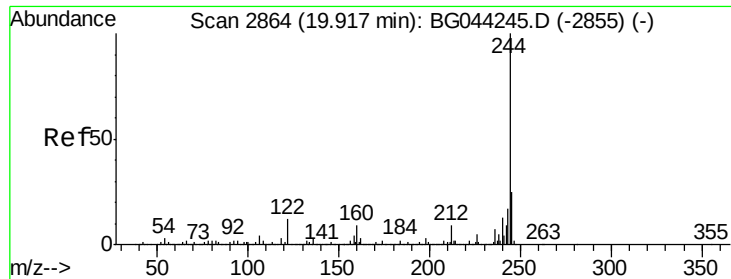


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.129 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044272.D

Acq: 3 Feb 2020 14:46

Instrument :

BNA_G

ClientSampleId :

PB126541BL

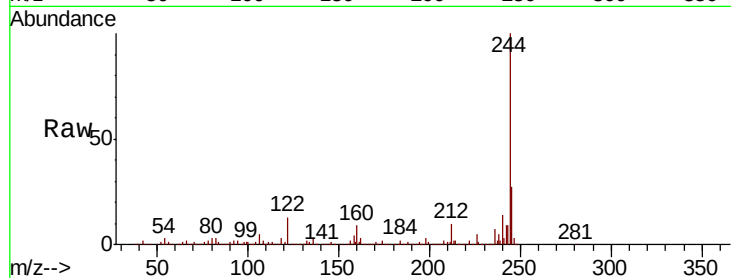
Tot Ion:244 Resp: 2093914

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.2

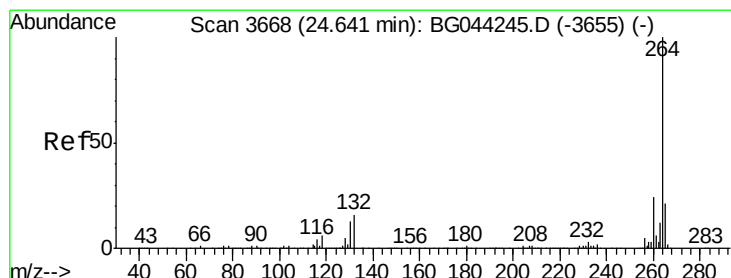
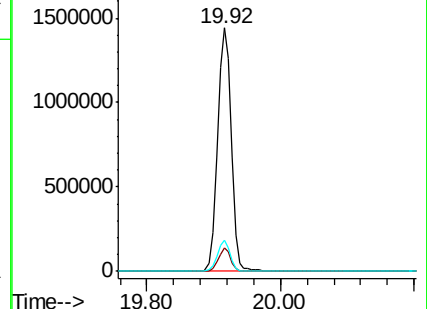
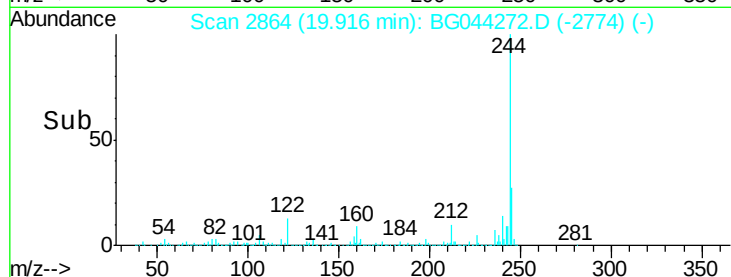
122 12.9 9.8 14.6



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: 24.65 min Scan# 3670

Delta R.T. 0.01 min

Lab File: BG044272.D

Acq: 3 Feb 2020 14:46

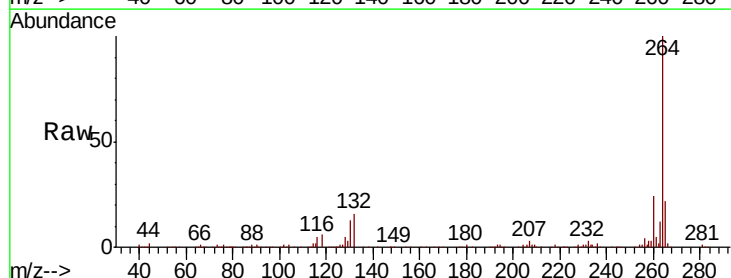
Tgt Ion:264 Resp: 548193

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 22.0 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

