

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044529.D
 Acq On : 20 Feb 2020 20:34
 Operator : CG/JU
 Sample : L1573-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOC-2

Quant Time: Feb 21 07:28:52 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	7.88	152	63824	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	263433	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	170469	20.00	ng	-0.02
64) Phenanthrene-d10	17.26	188	383923	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	402496	20.00	ng	-0.03
87) Perylene-d12	24.58	264	423059	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	481798	133.23	ng	-0.02
7) Phenol-d6	7.06	99	548583	112.96	ng	-0.02
23) Nitrobenzene-d5	9.04	82	430101	92.17	ng	-0.02
42) 2,4,6-Tribromophenol	16.01	330	288523	144.17	ng	-0.02
45) 2-Fluorobiphenyl	13.15	172	999406	98.17	ng	-0.02
79) Terphenyl-d14	19.88	244	1683105	86.01	ng	-0.02

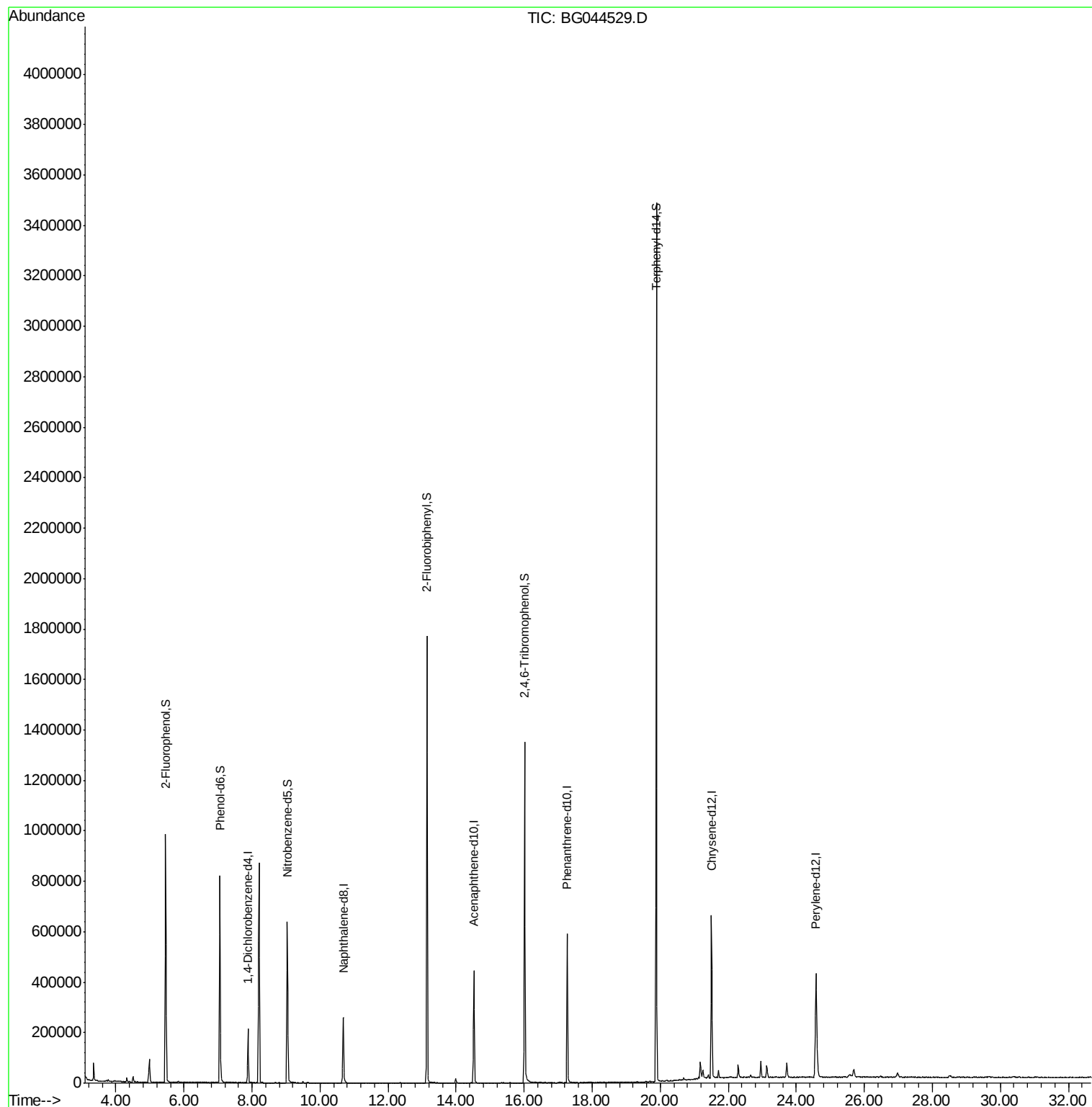
Target Compounds Qvalue

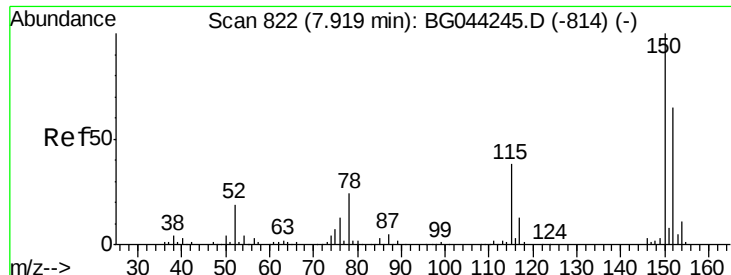
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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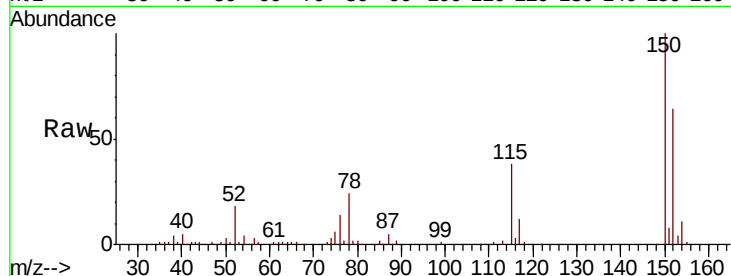


#1

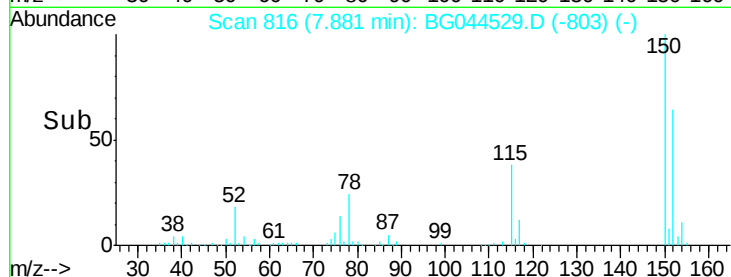
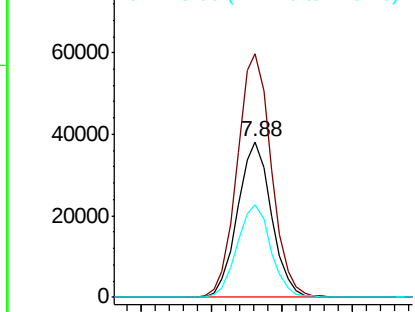
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BG044529.D
 Acq: 20 Feb 2020 20:34

Instrument :
 BNA_G
 ClientSampleId :
 LOC-2

Tot Ion:152 Resp: 63824
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.6 183.8
 115 59.4 46.0 69.0



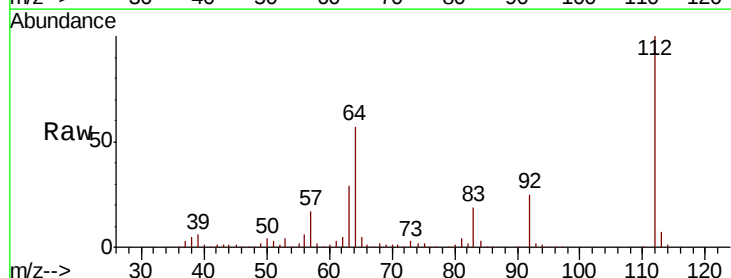
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



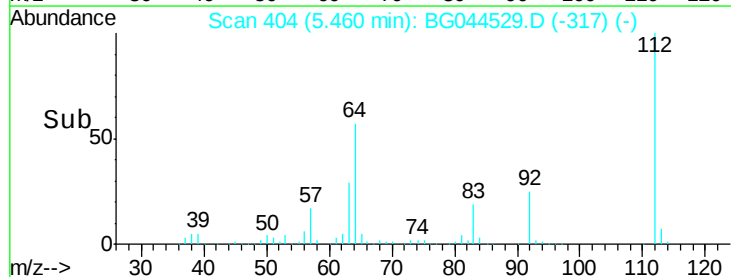
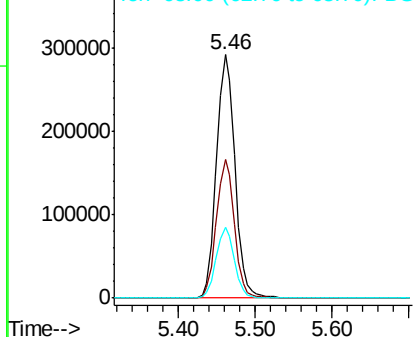
#5

2-Fluorophenol
 Concen: 133.225 ng
 RT: 5.46 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: BG044529.D
 Acq: 20 Feb 2020 20:34

Tgt Ion:112 Resp: 481798
 Ion Ratio Lower Upper
 112 100
 64 57.1 45.4 68.2
 63 29.2 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: 112.963 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.02 min

Lab File: BG044529.D

Acq: 20 Feb 2020 20:34

Instrument :

BNA_G

ClientSampleId :

LOC-2

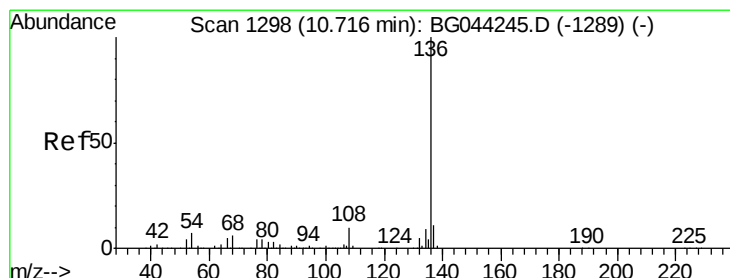
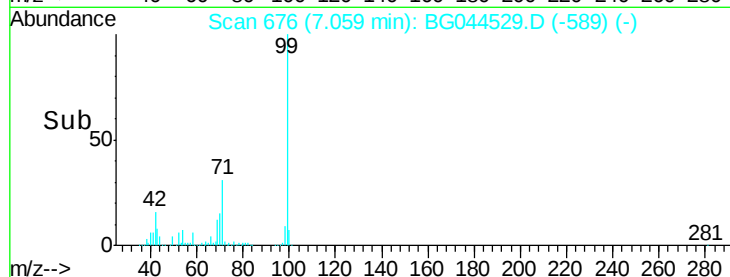
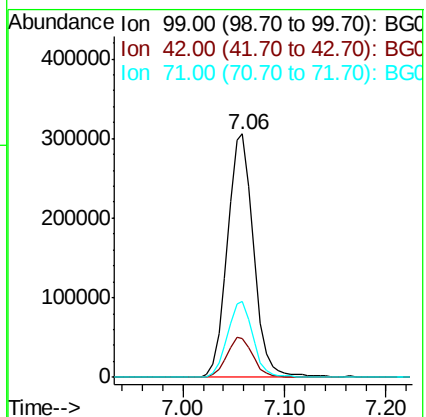
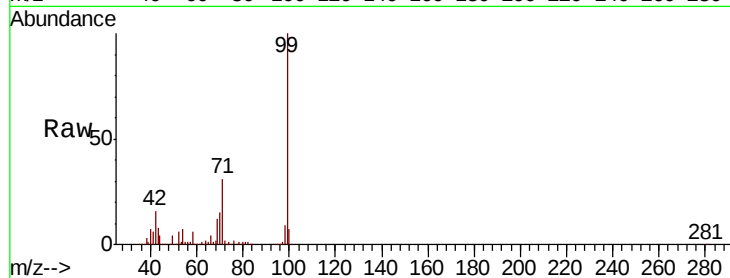
Tot Ion: 99 Resp: 548583

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.6

71 31.1 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BG044529.D

Acq: 20 Feb 2020 20:34

Tgt Ion: 136 Resp: 263433

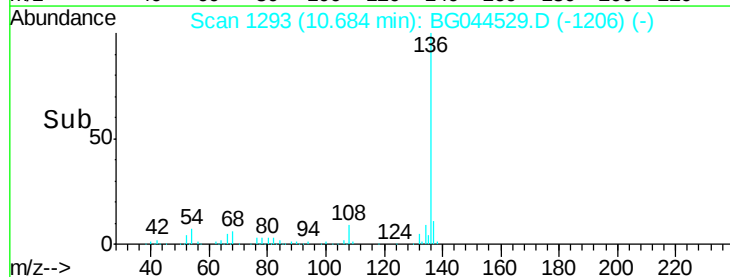
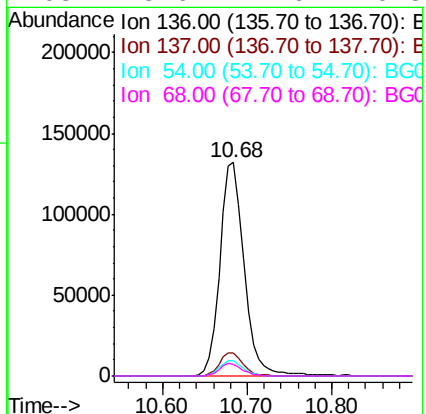
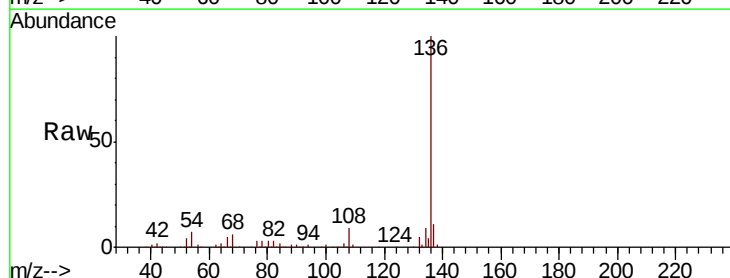
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.2 5.8 8.8

68 5.6 4.6 6.8

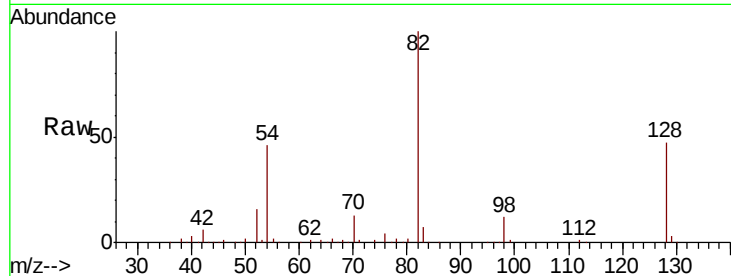




#23
 Nitrobenzene-d5
 Concen: 92.175 ng
 RT: 9.04 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BG044529.D
 Acq: 20 Feb 2020 20:34

Instrument :
 BNA_G
 ClientSampleId :
 LOC-2

Tot Ion	82	Resp	430101
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
128	46.8		
54	45.6		
	38.6		
	58.0		

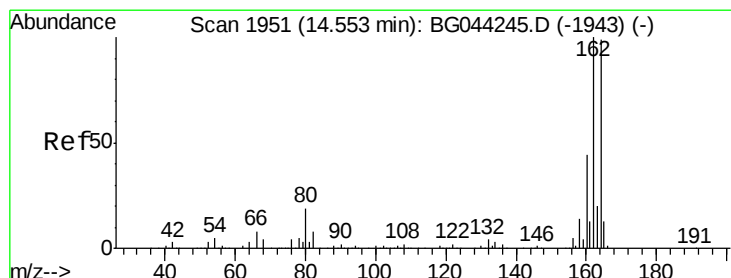
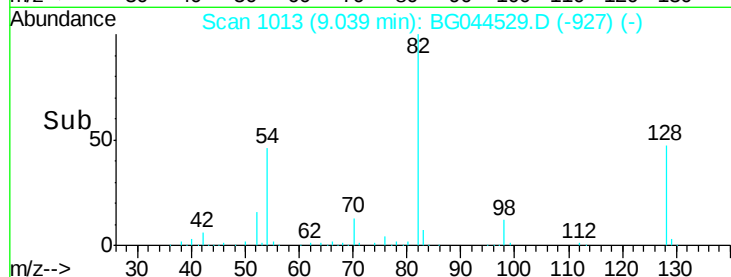
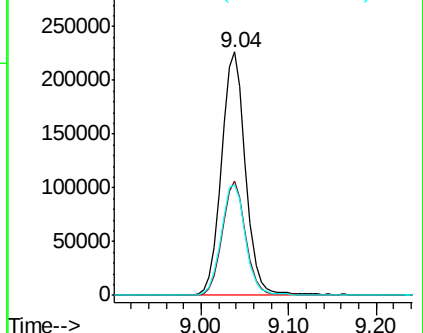


Abundance

Ion 82.00 (81.70 to 82.70): BGC

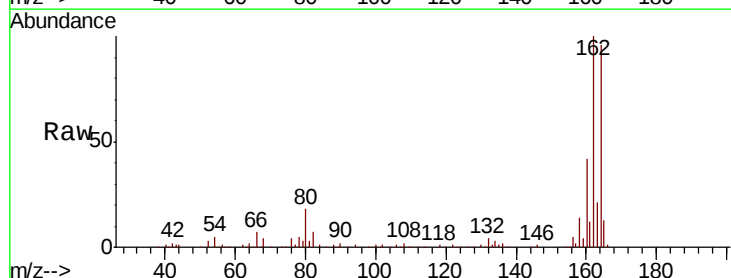
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BG044529.D
 Acq: 20 Feb 2020 20:34

Tgt Ion	164	Resp	170469
Ion Ratio	100		
Lower	80.7		
Upper	121.1		
162	103.9		
160	44.1		
	35.3		
	52.9		

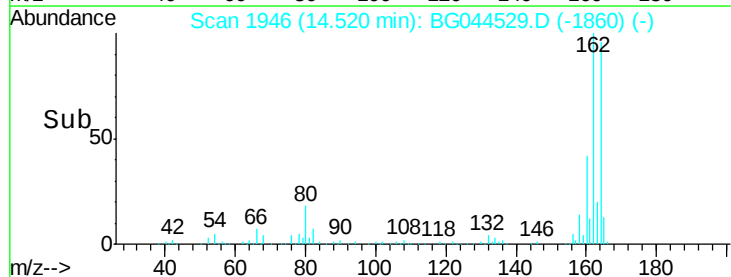
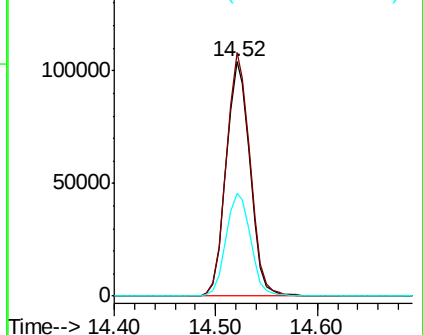


Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

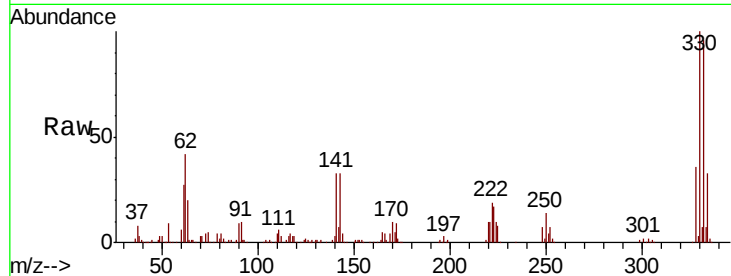




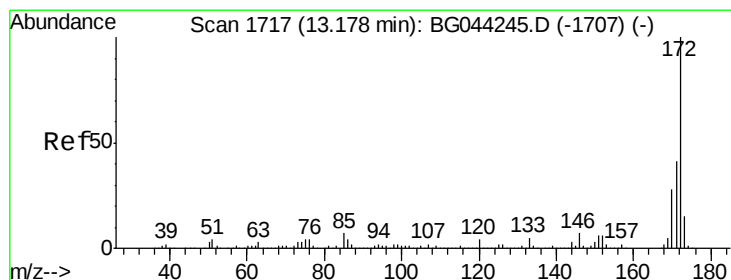
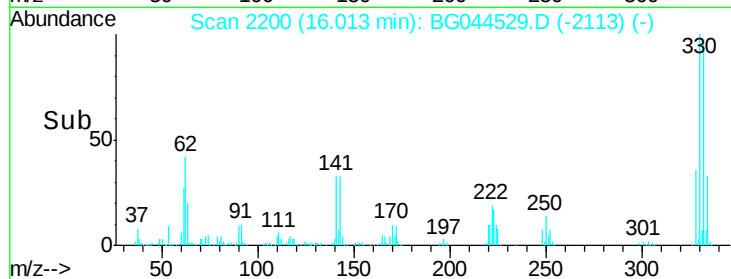
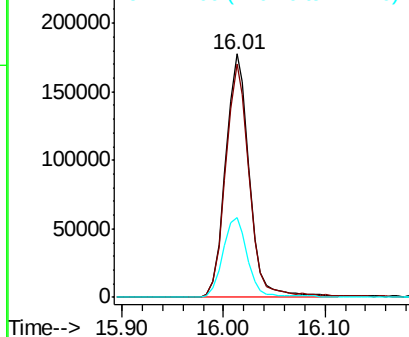
#42
 2,4,6-Tribromophenol
 Concen: 144.174 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG044529.D
 Acq: 20 Feb 2020 20:34

Instrument :
 BNA_G
 ClientSampleId :
 LOC-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	34.6	28.3	42.5

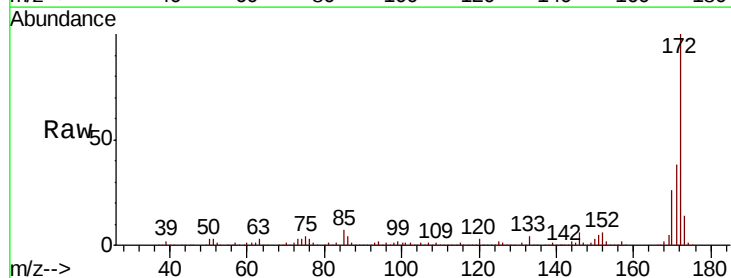


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

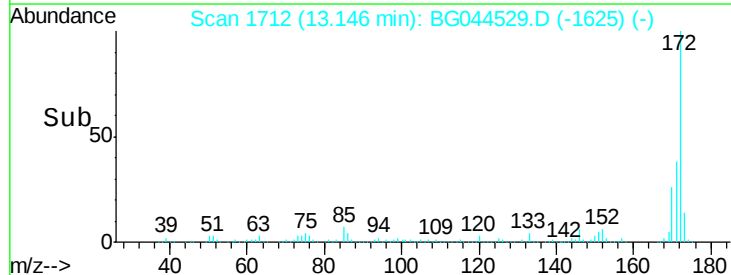
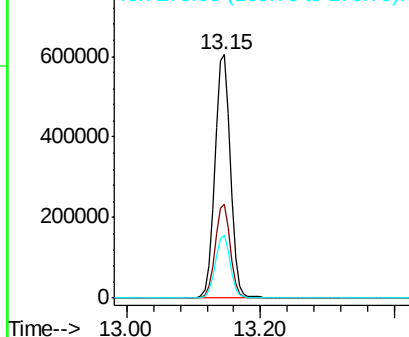


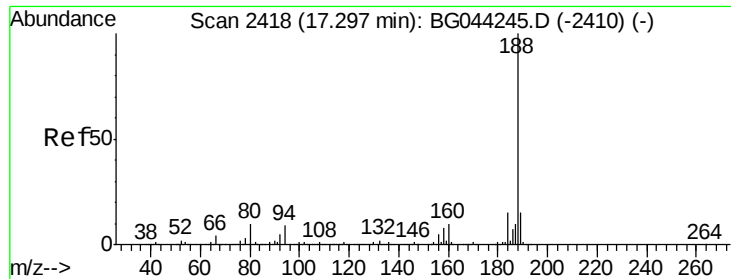
#45
 2-Fluorobiphenyl
 Concen: 98.174 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG044529.D
 Acq: 20 Feb 2020 20:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.9	49.3
170	25.8	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: 17.26 min Scan# 2413

Delta R.T. -0.02 min

Lab File: BG044529.D

Acq: 20 Feb 2020 20:34

Instrument :

BNA_G

ClientSampleId :

LOC-2

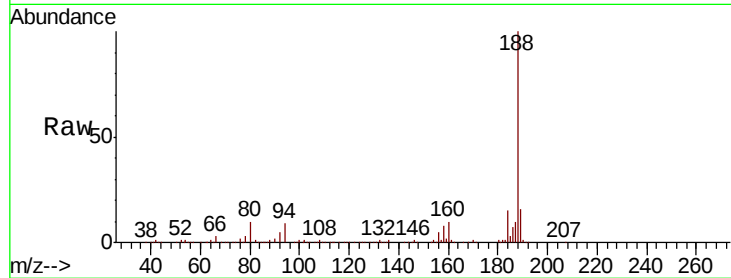
Tot Ion:188 Resp: 383923

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

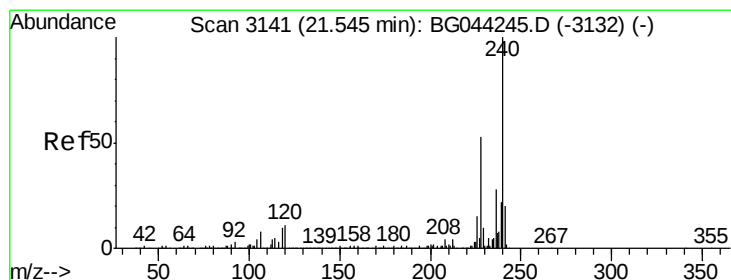
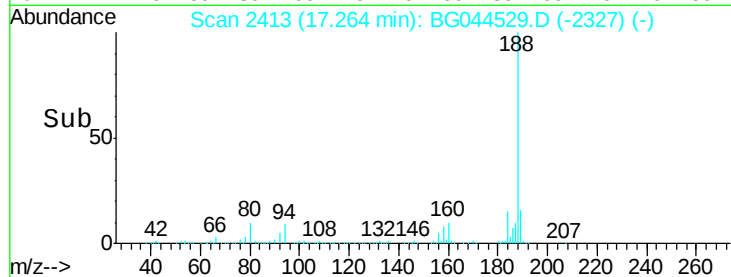
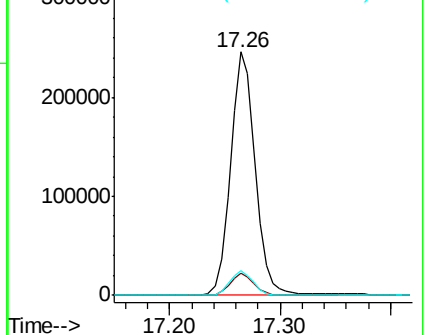
80 9.9 7.7 11.5



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: 21.51 min Scan# 3135

Delta R.T. -0.03 min

Lab File: BG044529.D

Acq: 20 Feb 2020 20:34

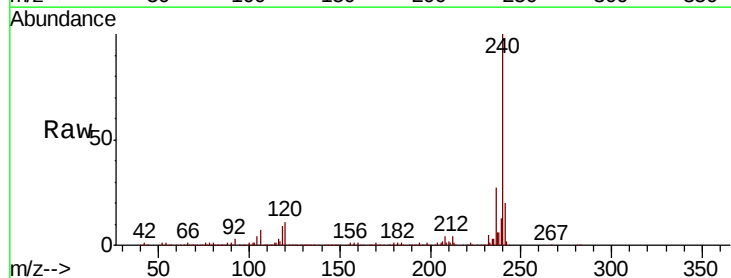
Tgt Ion:240 Resp: 402496

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

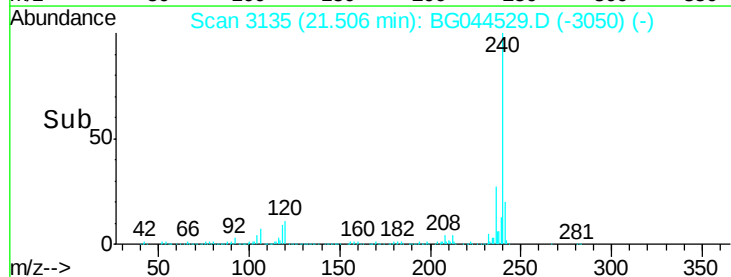
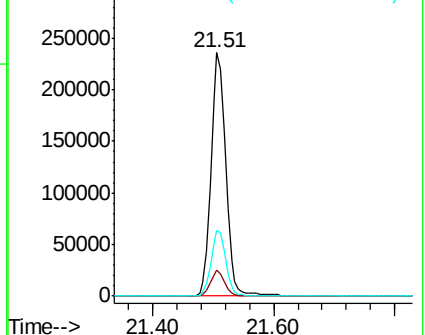
236 26.8 22.1 33.1

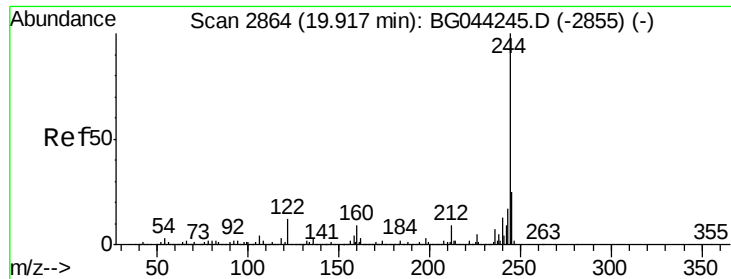


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

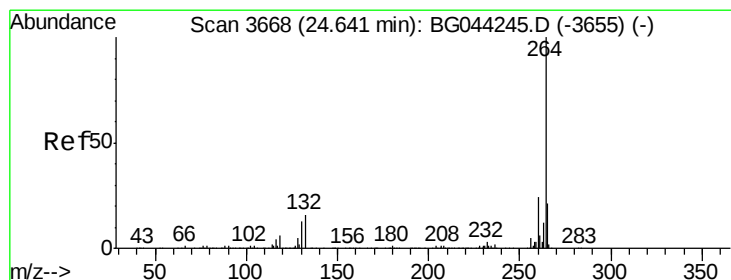
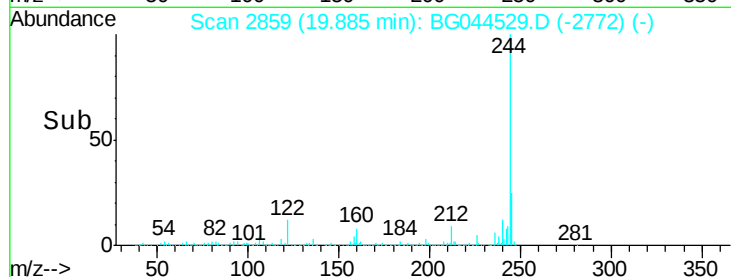
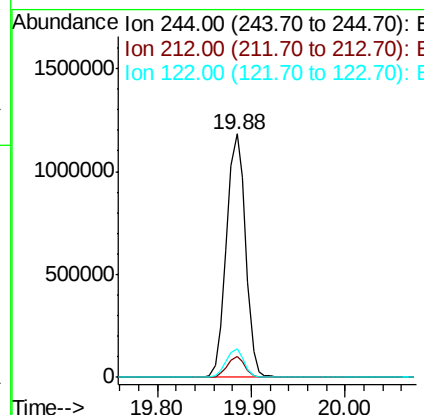
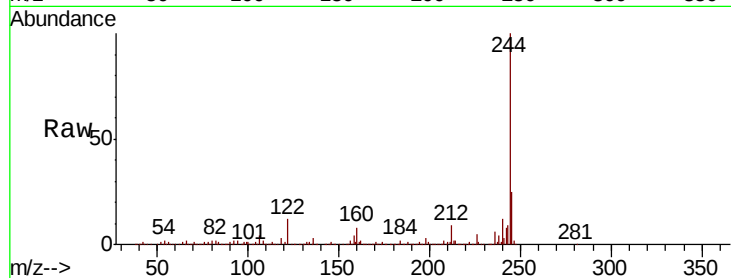




#79
 Terphenyl-d14
 Concen: 86.012 ng
 RT: 19.88 min Scan# 2859
 Delta R.T. -0.02 min
 Lab File: BG044529.D
 Acq: 20 Feb 2020 20:34

Instrument :
 BNA_G
 ClientSampleId :
 LOC-2

Tot Ion:244 Resp: 1683105
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.4 11.2
 122 11.7 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.58 min Scan# 3658
 Delta R.T. -0.04 min
 Lab File: BG044529.D
 Acq: 20 Feb 2020 20:34

Tgt Ion:264 Resp: 423059
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 22.0 16.7 25.1

