

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044291.D
 Acq On : 4 Feb 2020 21:53
 Operator : CG/JU
 Sample : L1368-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-020320

Quant Time: Feb 05 05:31:42 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	92629	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	376043	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	249330	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	573865	20.00	ng	0.00
76) Chrysene-d12	21.54	240	513408	20.00	ng	0.00
87) Perylene-d12	24.64	264	524420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	749298	142.76	ng	0.00
7) Phenol-d6	7.09	99	927613	131.61	ng	0.00
23) Nitrobenzene-d5	9.07	82	616366	92.54	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	438909	149.95	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1363009	91.54	ng	0.00
79) Terphenyl-d14	19.92	244	2220264	88.95	ng	0.00

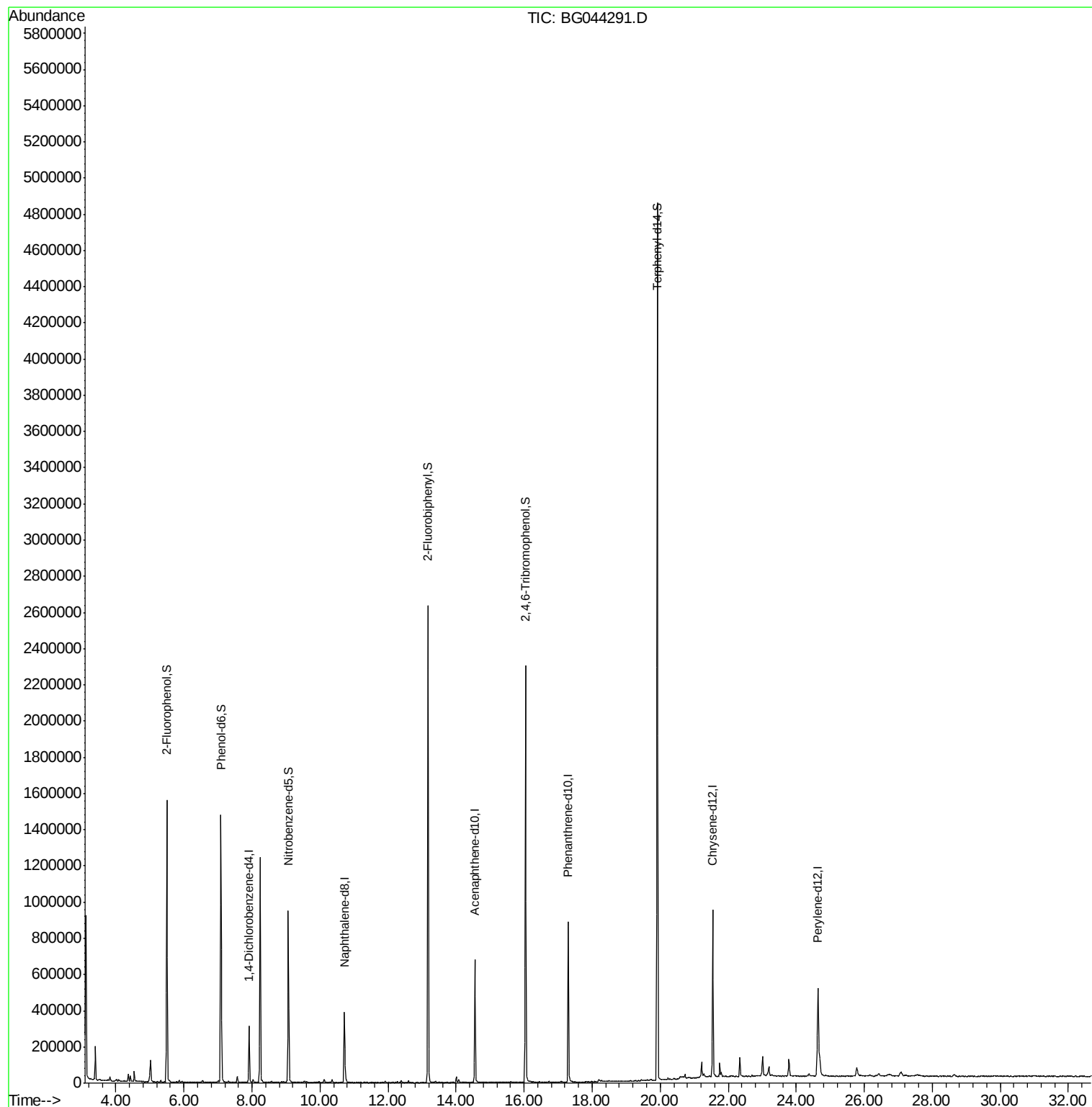
Target Compounds Qvalue

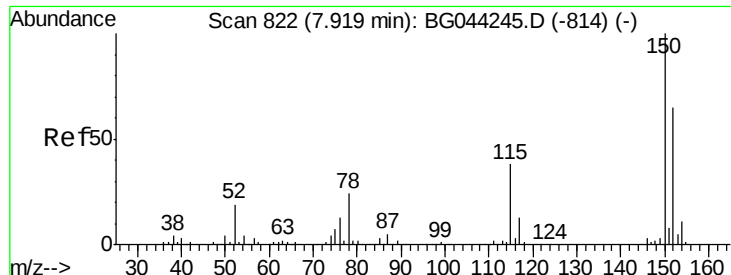
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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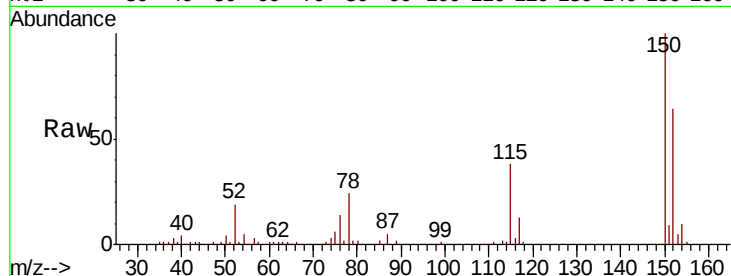


#1

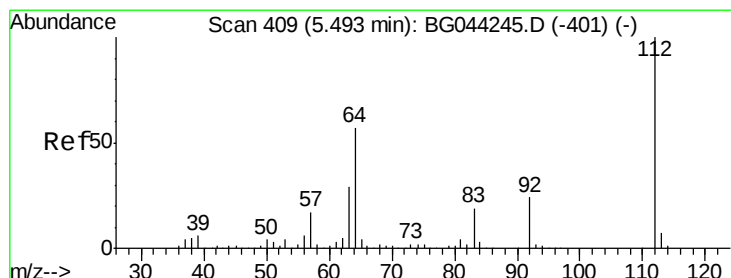
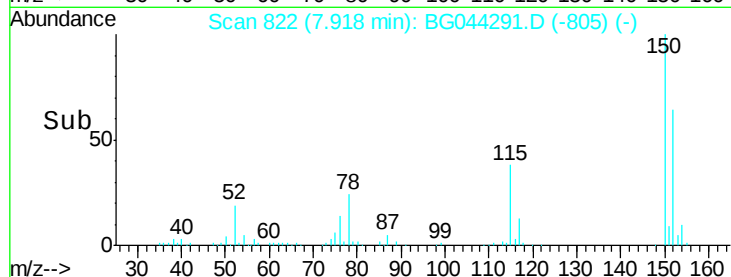
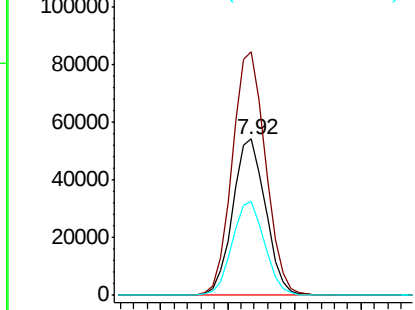
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044291.D
Acq: 4 Feb 2020 21:53

Instrument :
BNA_G
ClientSampleId :
EO-01-020320

Tot Ion:152 Resp: 92629
Ion Ratio Lower Upper
152 100
150 156.1 122.6 183.8
115 60.0 46.0 69.0



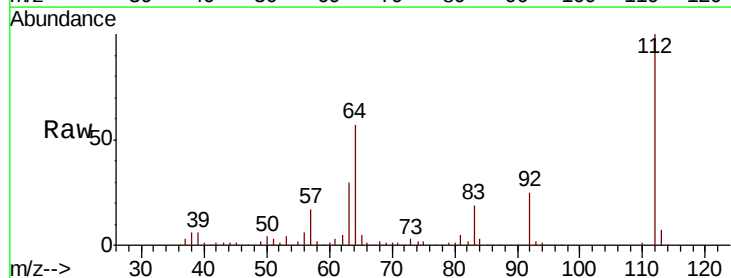
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



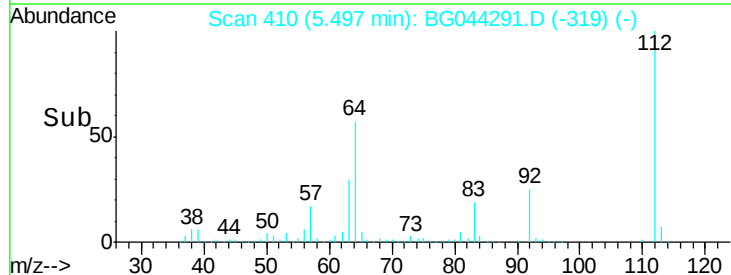
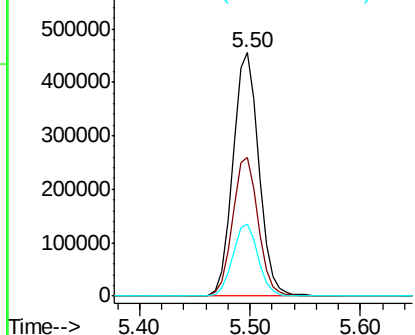
#5

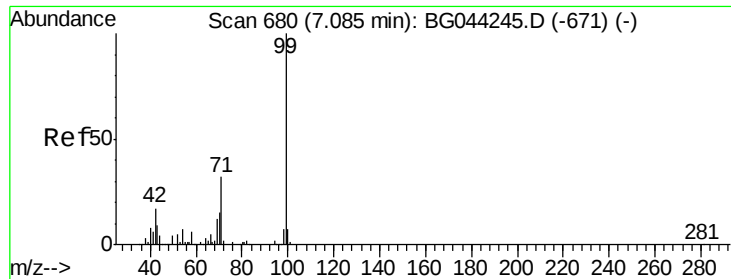
2-Fluorophenol
Concen: 142.762 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG044291.D
Acq: 4 Feb 2020 21:53

Tgt Ion:112 Resp: 749298
Ion Ratio Lower Upper
112 100
64 57.1 45.4 68.2
63 29.8 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 131.613 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044291.D

Acq: 4 Feb 2020 21:53

Instrument :

BNA_G

ClientSampleId :

EO-01-020320

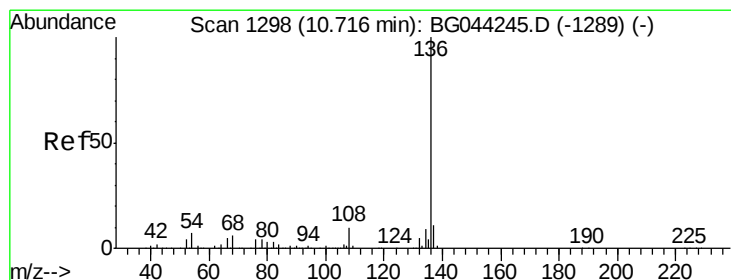
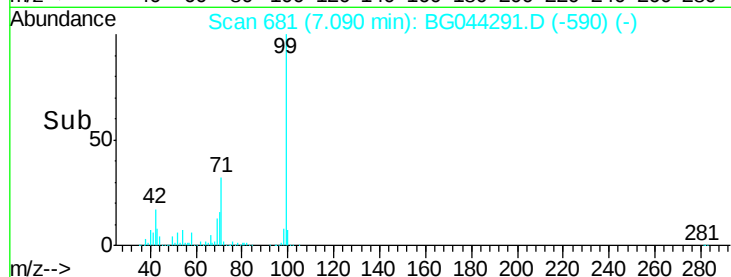
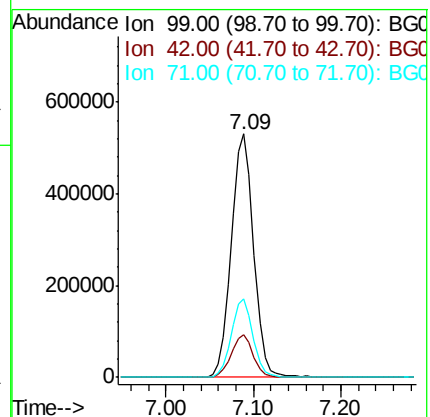
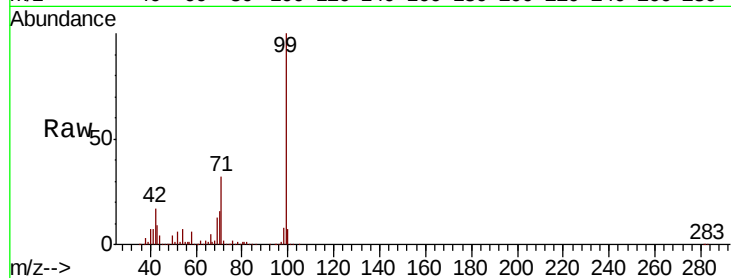
Tot Ion: 99 Resp: 927613

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

71 32.3 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044291.D

Acq: 4 Feb 2020 21:53

Tgt Ion: 136 Resp: 376043

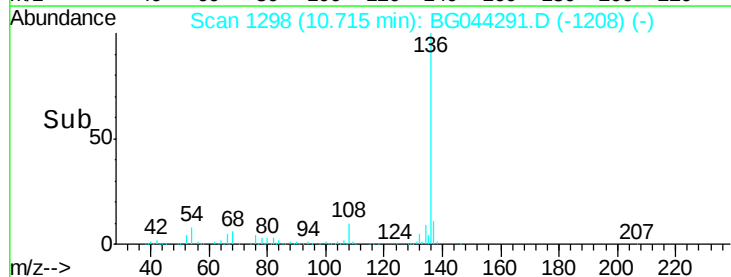
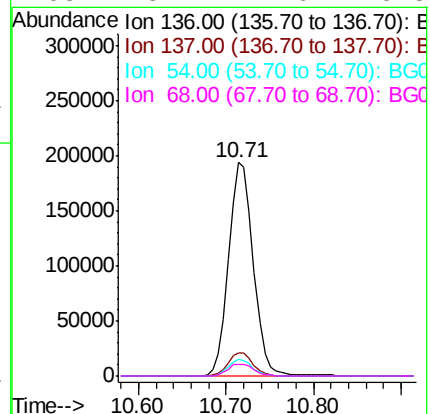
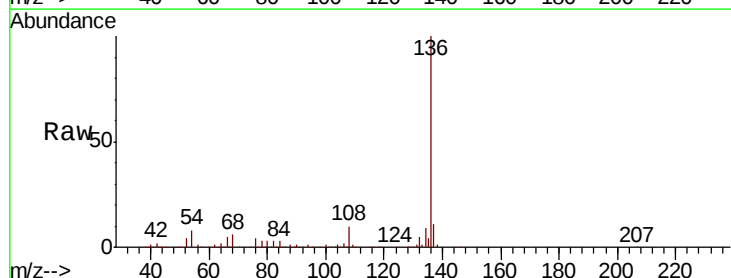
Ion Ratio Lower Upper

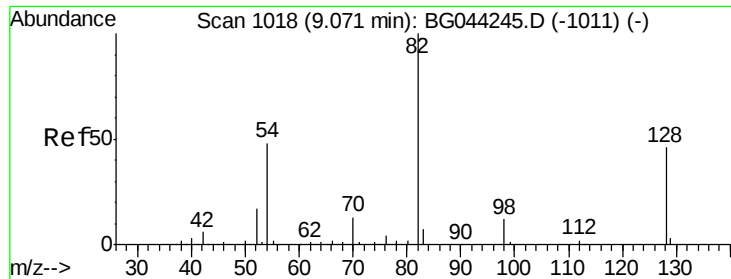
136 100

137 10.6 8.8 13.2

54 7.7 5.8 8.8

68 5.7 4.6 6.8

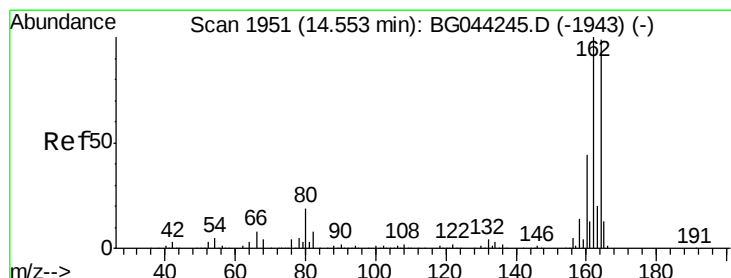
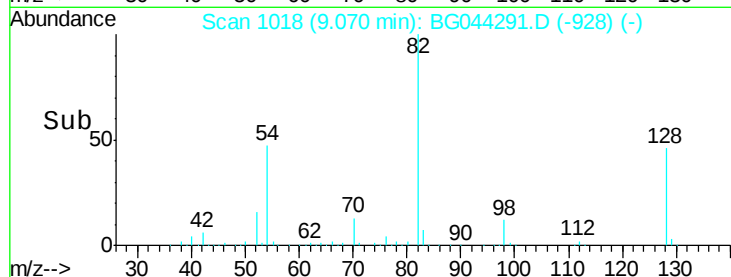
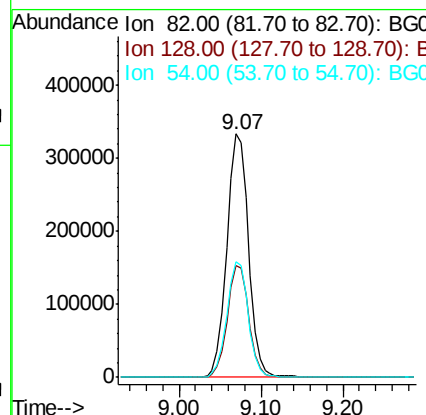
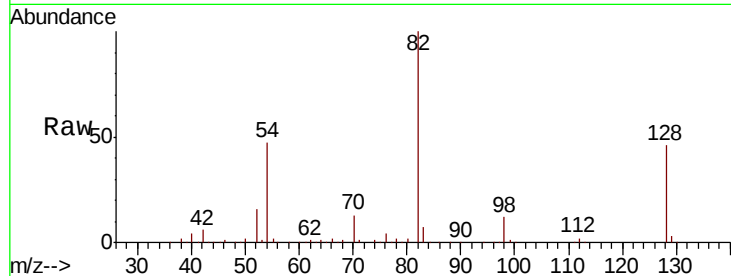




#23
Nitrobenzene-d5
Concen: 92.537 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044291.D
Acq: 4 Feb 2020 21:53

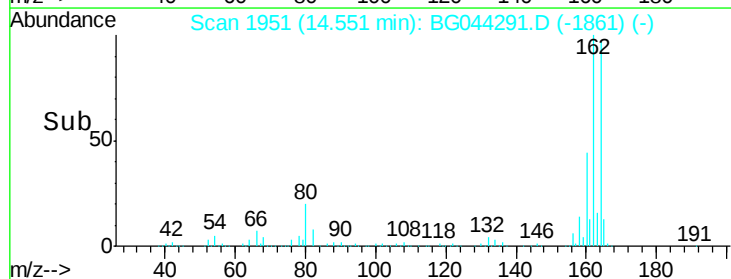
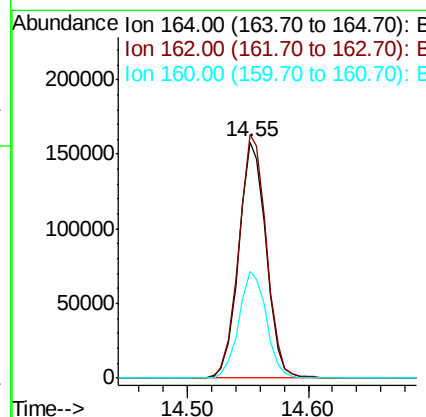
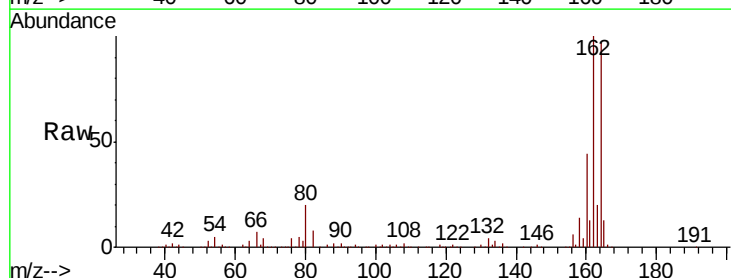
Instrument :
BNA_G
ClientSampleId :
EO-01-020320

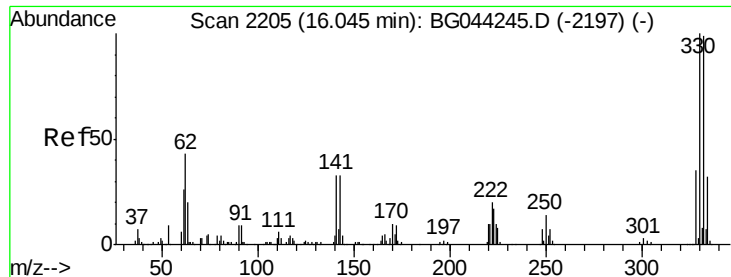
Tot Ion	82	Resp	616366
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
128	45.8		
54	47.5		
	38.6		
	58.0		



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044291.D
Acq: 4 Feb 2020 21:53

Tgt Ion	164	Resp	249330
Ion Ratio	100		
Lower	80.7		
Upper	121.1		
162	103.0		
160	44.9		
	35.3		
	52.9		





#42

2,4,6-Tribromophenol

Concen: 149.952 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044291.D

Acq: 4 Feb 2020 21:53

Instrument :

BNA_G

ClientSampleId :

EO-01-020320

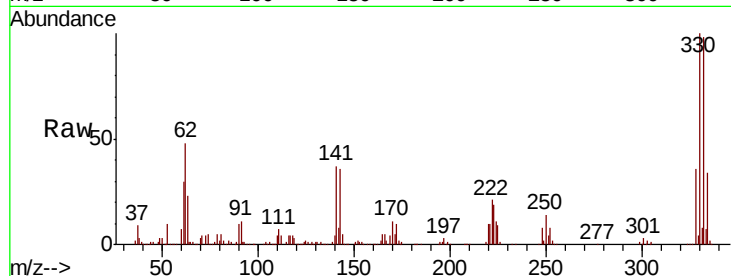
Tot Ion:330 Resp: 438909

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

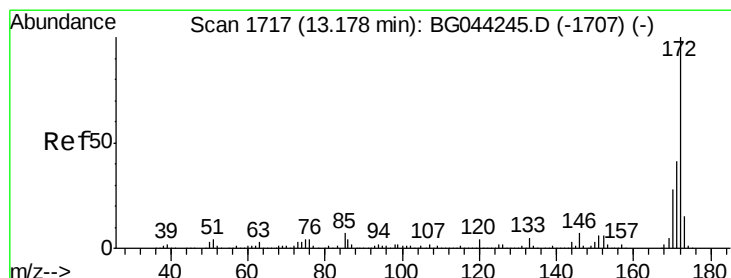
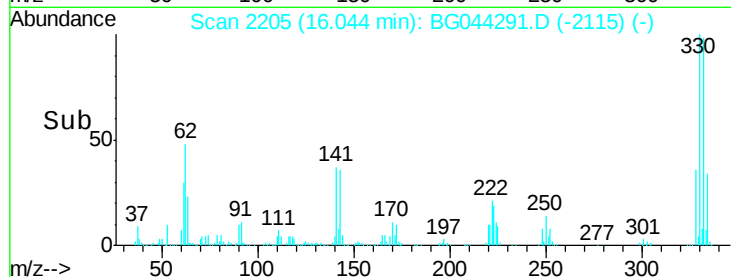
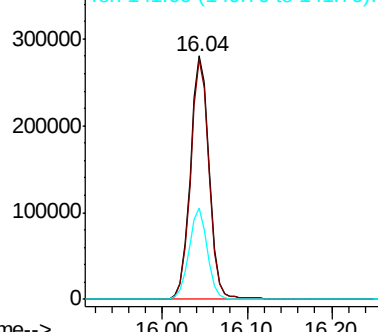
141 36.8 28.3 42.5



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: 91.543 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG044291.D

Acq: 4 Feb 2020 21:53

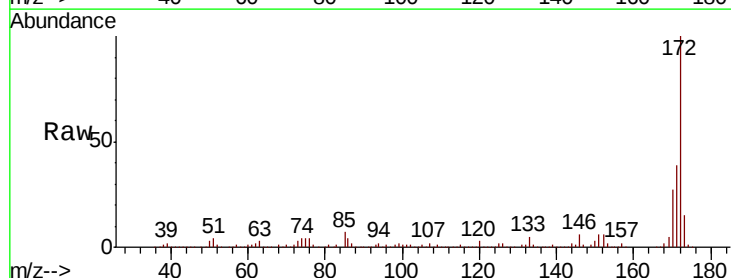
Tgt Ion:172 Resp: 1363009

Ion Ratio Lower Upper

172 100

171 39.4 32.9 49.3

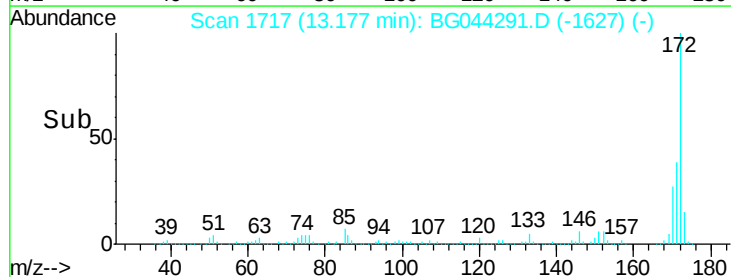
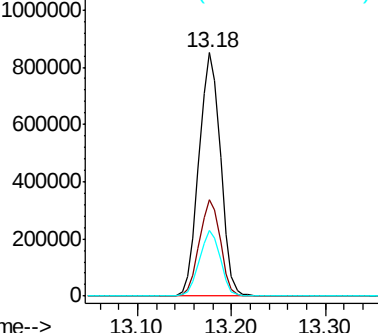
170 27.2 22.0 33.0

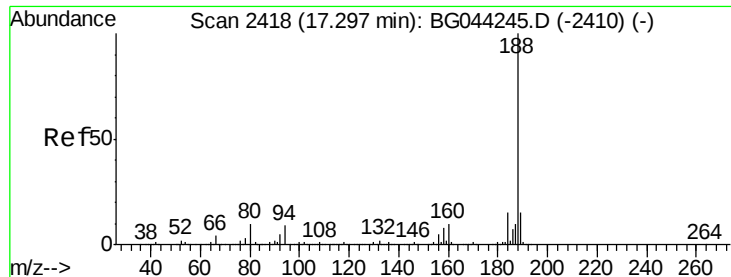


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG044291.D

Acq: 4 Feb 2020 21:53

Instrument :

BNA_G

ClientSampleId :

EO-01-020320

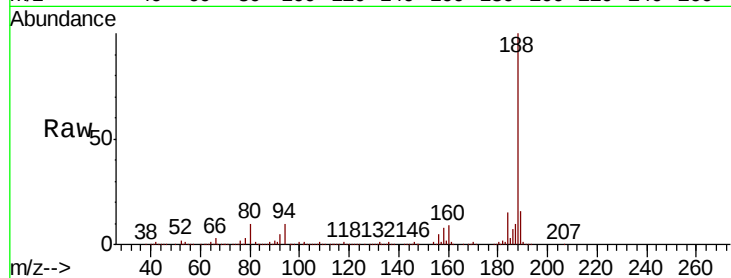
Tot Ion:188 Resp: 573865

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

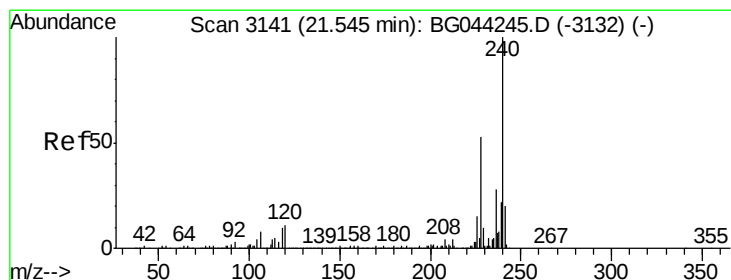
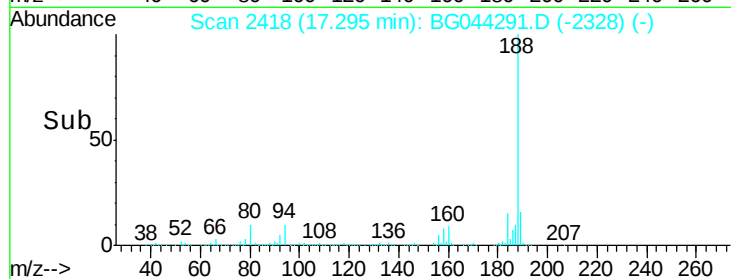
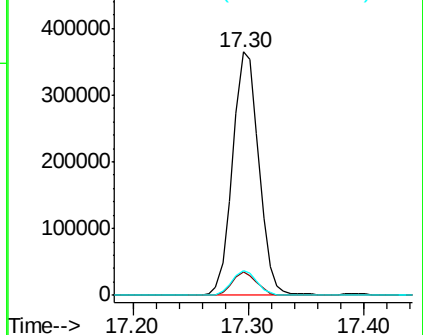
80 9.9 7.7 11.5



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: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044291.D

Acq: 4 Feb 2020 21:53

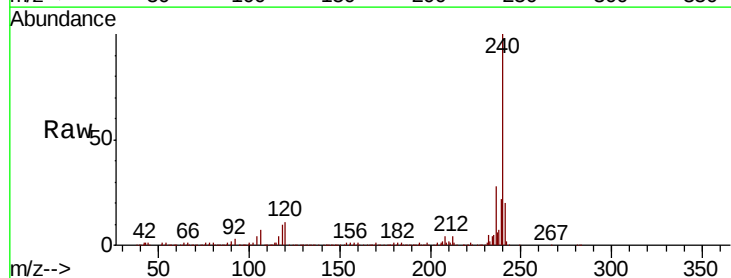
Tgt Ion:240 Resp: 513408

Ion Ratio Lower Upper

240 100

120 11.2 8.4 12.6

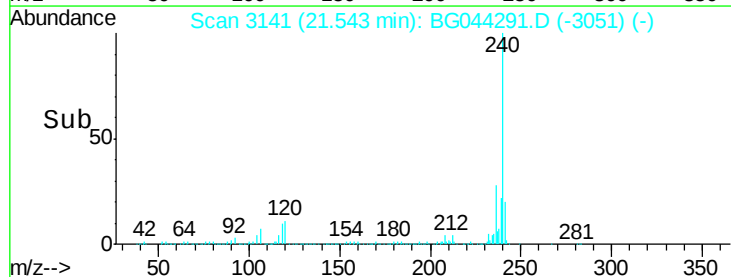
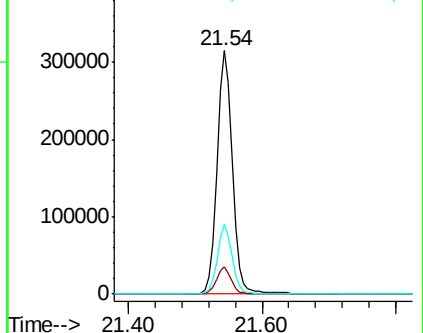
236 28.3 22.1 33.1

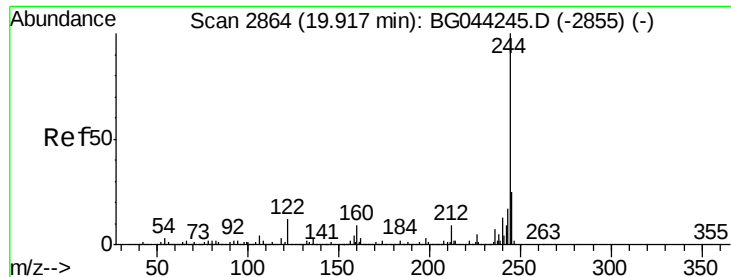


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.951 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044291.D

Acq: 4 Feb 2020 21:53

Instrument :

BNA_G

ClientSampleId :

EO-01-020320

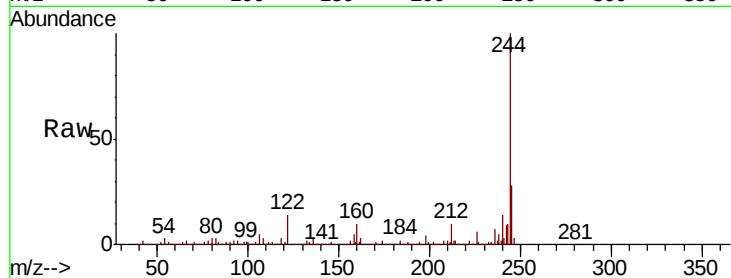
Tot Ion:244 Resp: 2220264

Ion Ratio Lower Upper

244 100

212 10.1 7.4 11.2

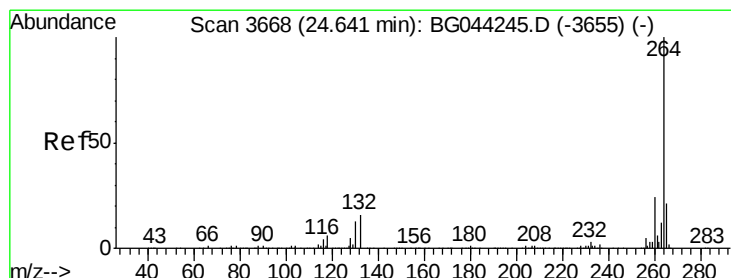
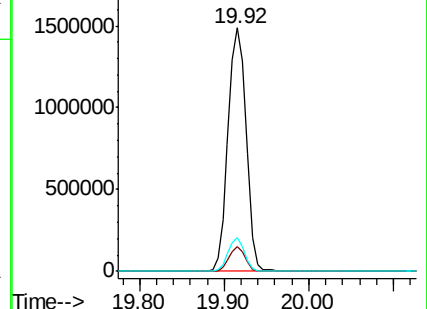
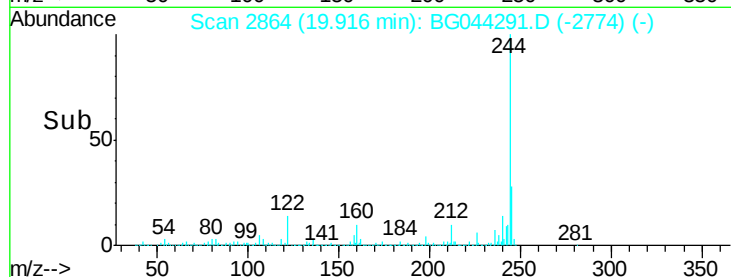
122 13.6 9.8 14.6



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: 24.64 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG044291.D

Acq: 4 Feb 2020 21:53

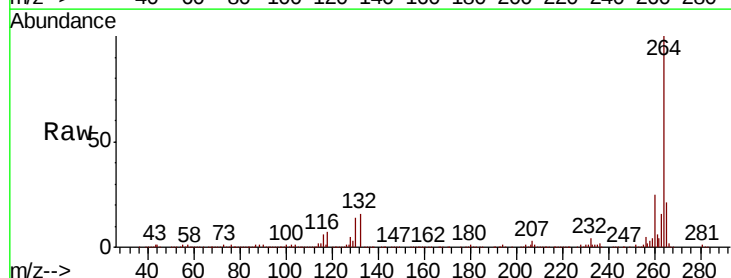
Tgt Ion:264 Resp: 524420

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 21.5 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

