

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040194.D
 Acq On : 28 Mar 2019 11:02
 Operator : JU/SJ
 Sample : PB118303BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118303BL

Quant Time: Mar 29 06:54:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	53200	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	208132	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	125253	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	318784	20.00	ng	0.00
76) Chrysene-d12	21.72	240	396748	20.00	ng	-0.01
87) Perylene-d12	25.02	264	394755	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	404061	126.26	ng	0.00
7) Phenol-d6	7.22	99	541047	122.33	ng	0.00
23) Nitrobenzene-d5	9.25	82	316285	80.77	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	177206	130.91	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	733968	86.83	ng	0.00
79) Terphenyl-d14	20.04	244	1345929	76.32	ng	0.00

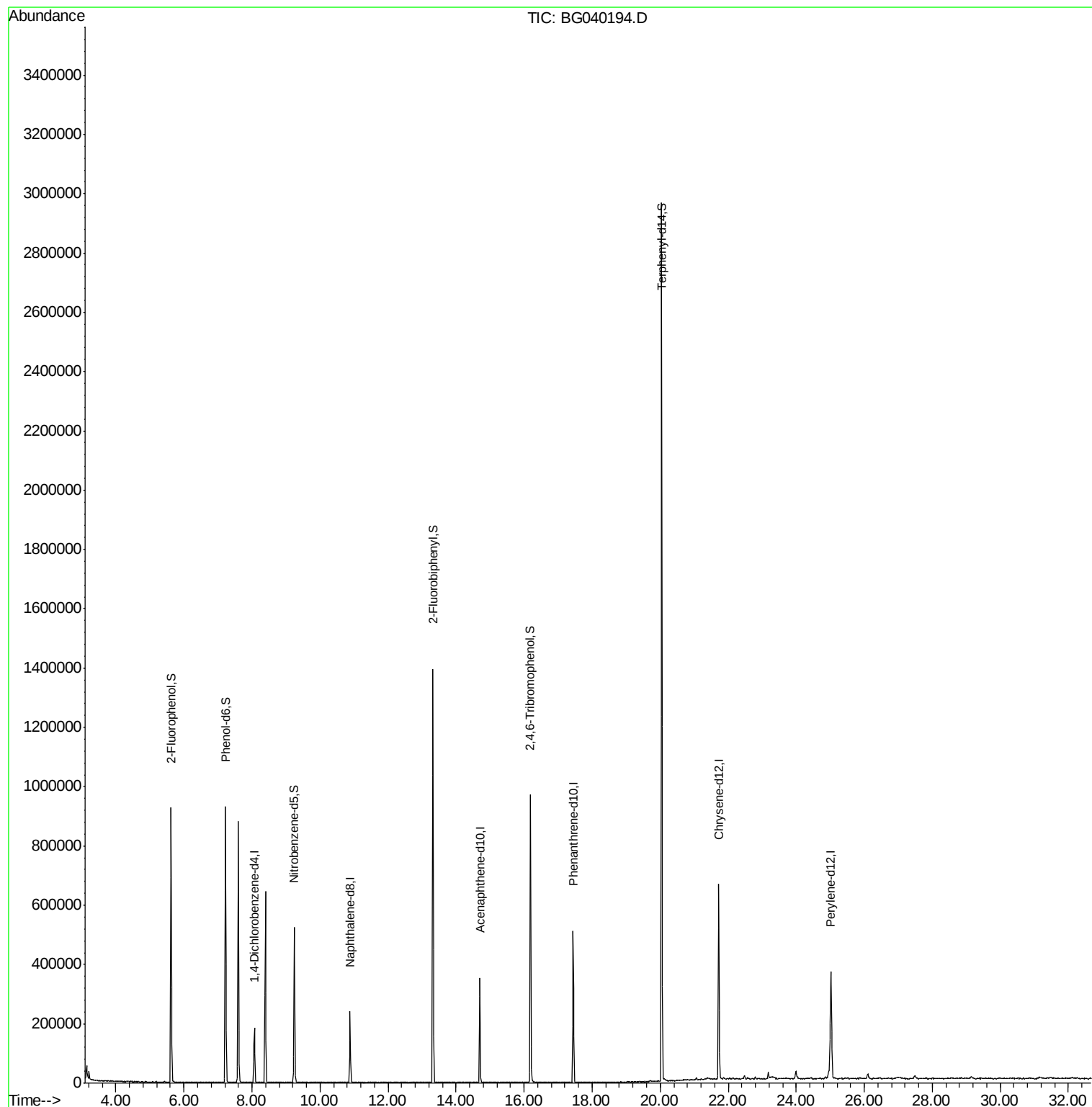
Target Compounds Qvalue

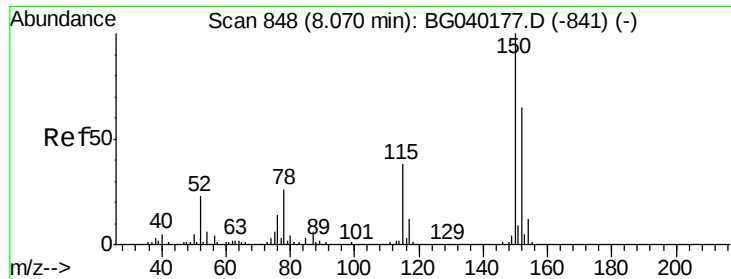
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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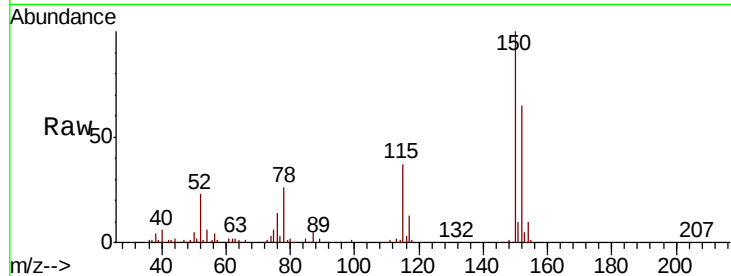


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040194.D
Acq: 28 Mar 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB118303BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.7	185.5
115	57.3	46.9	70.3

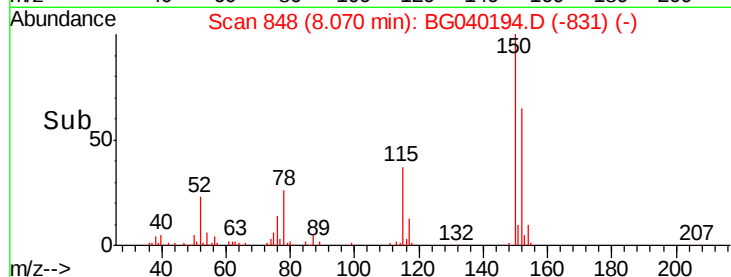
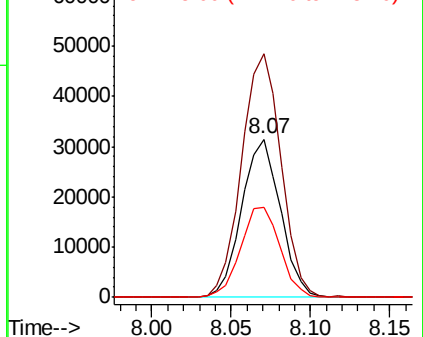


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

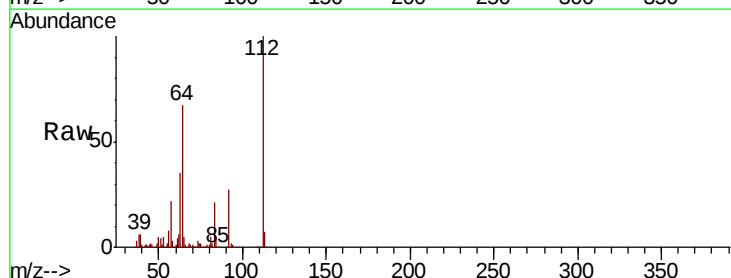
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.262 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040194.D
Acq: 28 Mar 2019 11:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	54.2	81.2
63	34.5	26.4	39.6

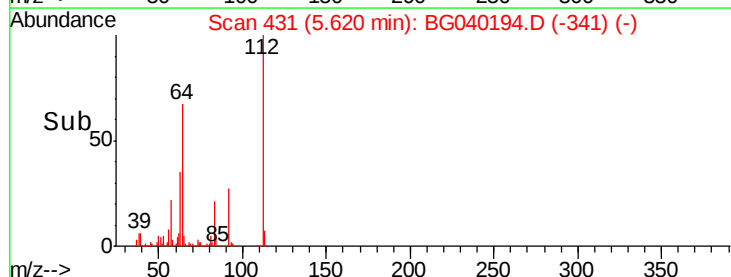
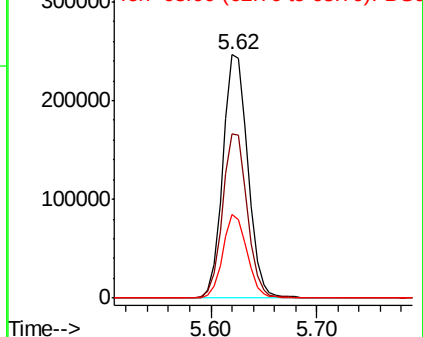


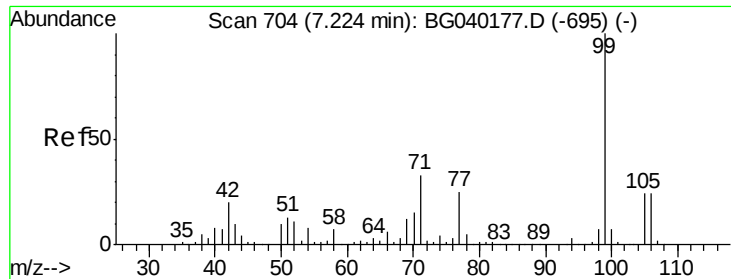
Abundance

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: 122.334 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB118303BL

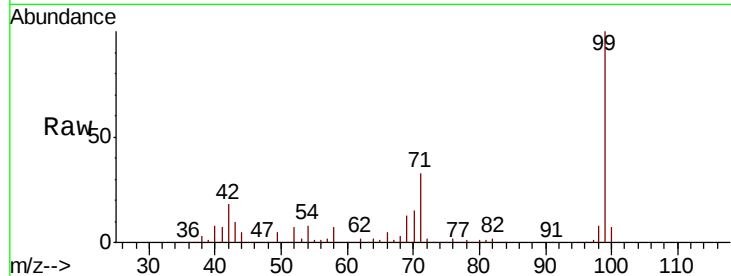
Tot Ion: 99 Resp: 541047

Ion Ratio Lower Upper

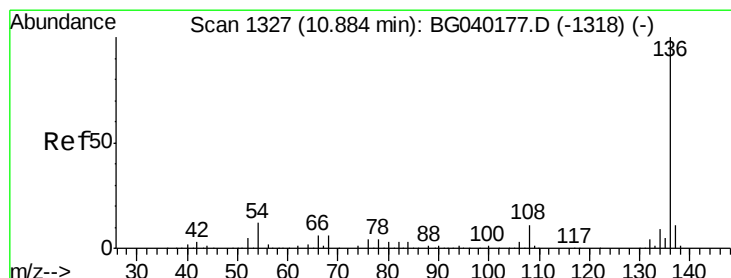
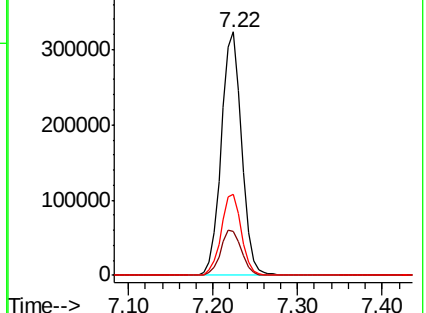
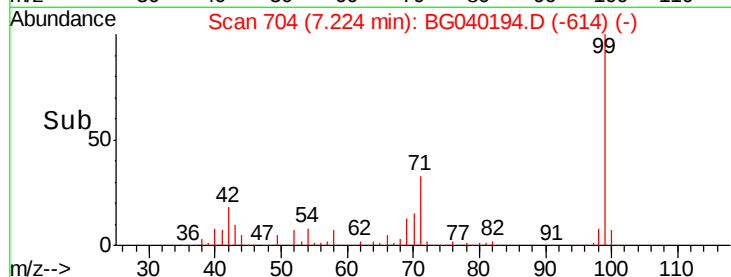
99 100

42 18.0 16.2 24.2

71 33.2 26.8 40.2



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: 10.88 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

Tgt Ion: 136 Resp: 208132

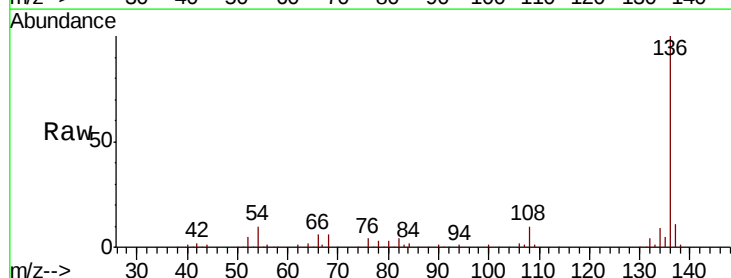
Ion Ratio Lower Upper

136 100

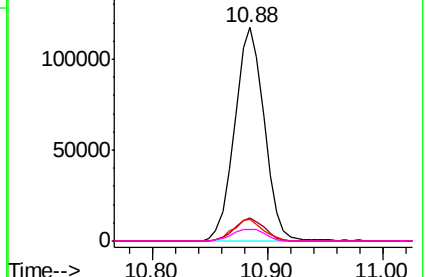
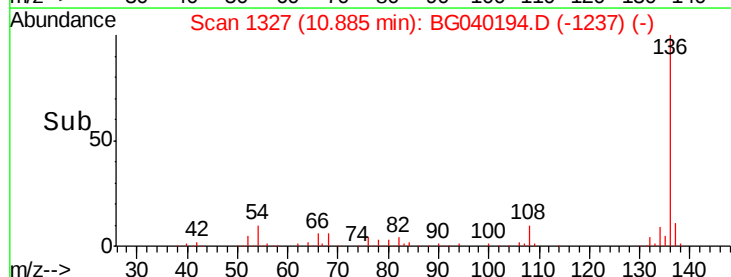
137 10.7 8.9 13.3

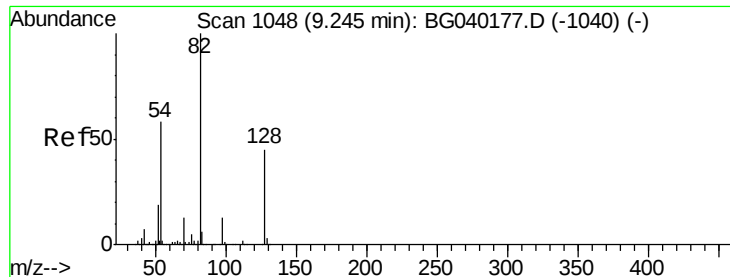
54 10.5 9.6 14.4

68 5.5 5.1 7.7



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

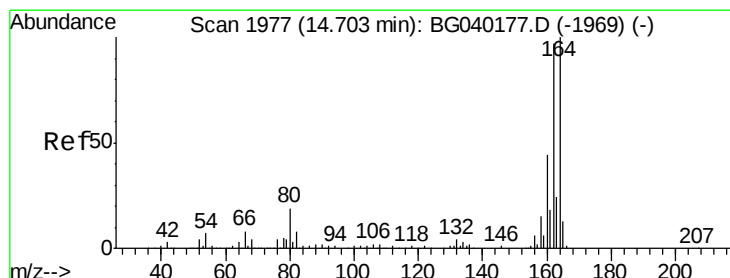
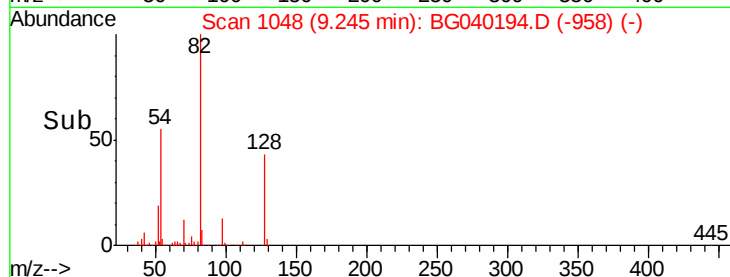
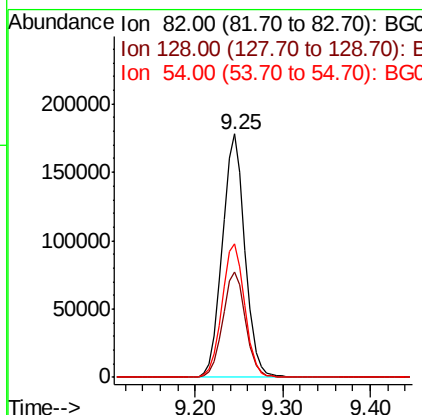
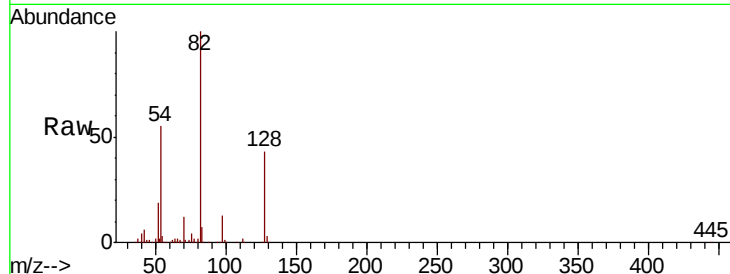




#23
 Nitrobenzene-d5
 Concen: 80.774 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG040194.D
 Acq: 28 Mar 2019 11:02

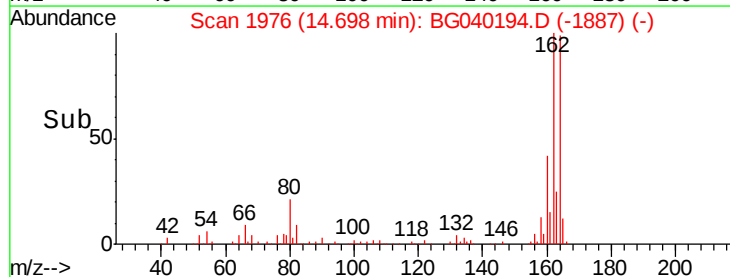
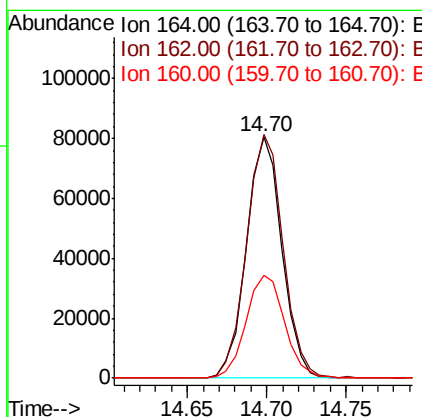
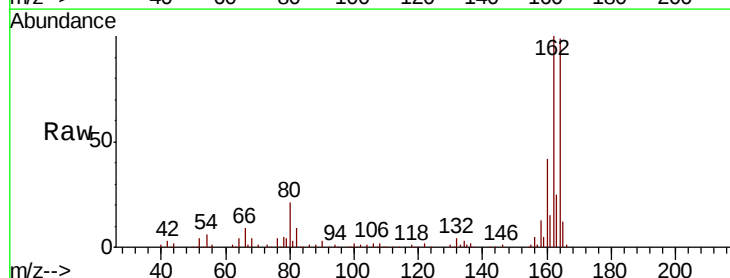
Instrument :
 BNA_G
 ClientSampleId :
 PB118303BL

Tot Ion	82	Resp	316285
Ion Ratio	Lower	Upper	
82	100		
128	43.5	35.8	53.8
54	54.9	46.2	69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG040194.D
 Acq: 28 Mar 2019 11:02

Tgt Ion	164	Resp	125253
Ion Ratio	Lower	Upper	
164	100		
162	100.8	77.4	116.2
160	42.7	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 130.909 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB118303BL

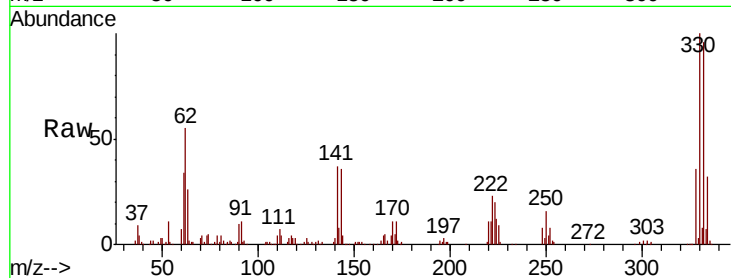
Tot Ion:330 Resp: 177206

Ion Ratio Lower Upper

330 100

332 98.1 76.6 115.0

141 39.3 32.6 48.8

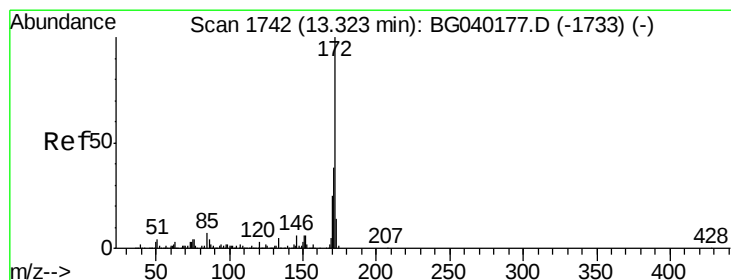
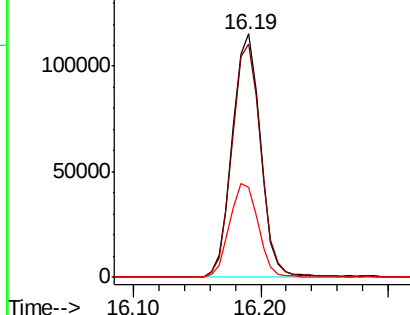
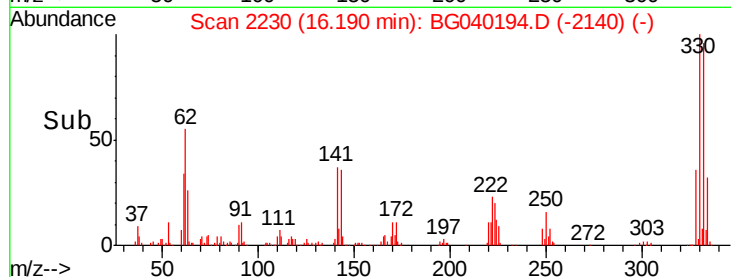


Abundance

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: 86.830 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

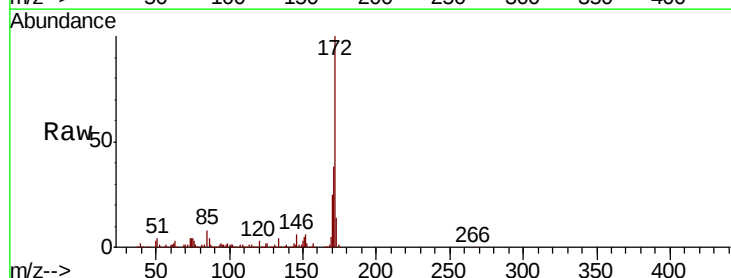
Tgt Ion:172 Resp: 733968

Ion Ratio Lower Upper

172 100

171 38.0 30.5 45.7

170 24.7 20.1 30.1

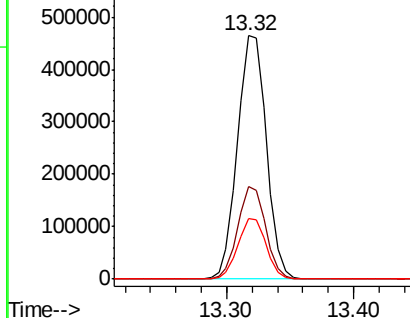
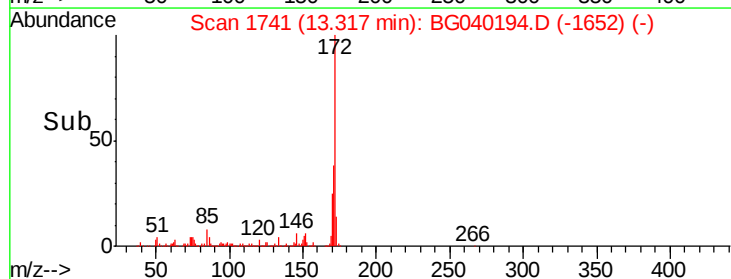


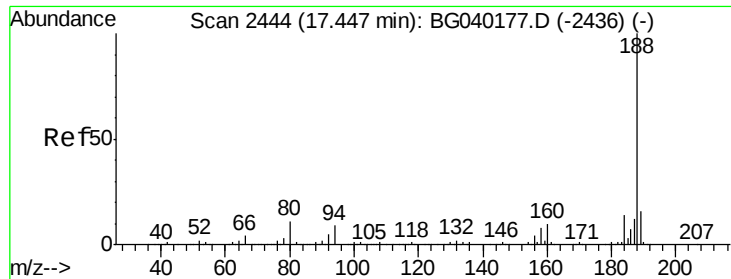
Abundance

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: 17.44 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB118303BL

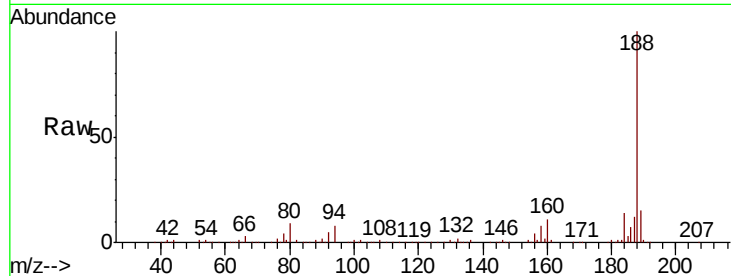
Tot Ion:188 Resp: 318784

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

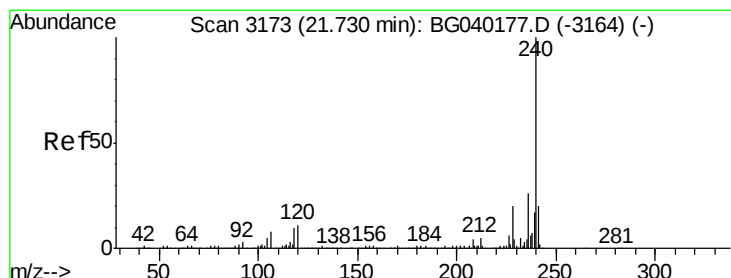
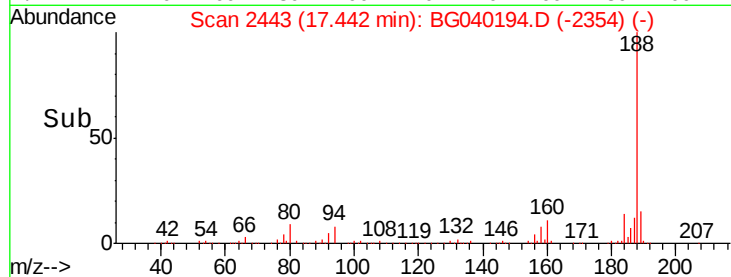
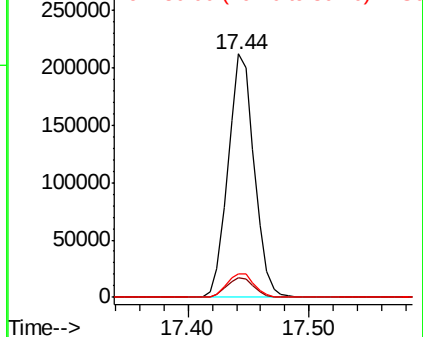
80 9.4 8.6 13.0



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: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

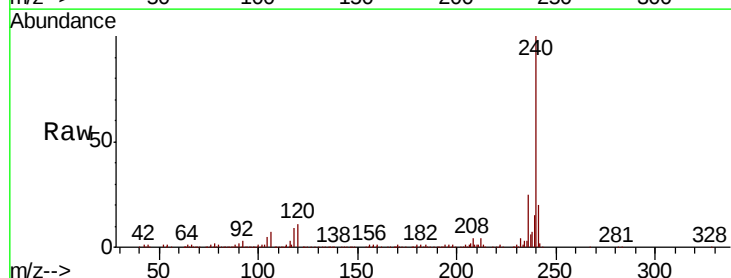
Tgt Ion:240 Resp: 396748

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

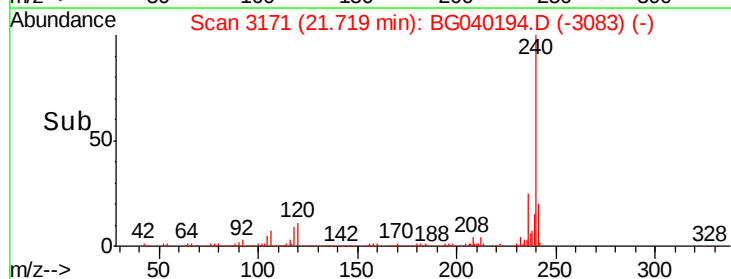
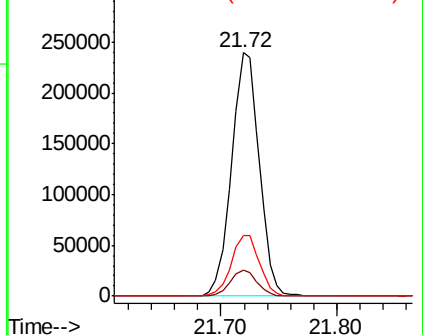
236 25.0 20.8 31.2



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: 76.317 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

Instrument :

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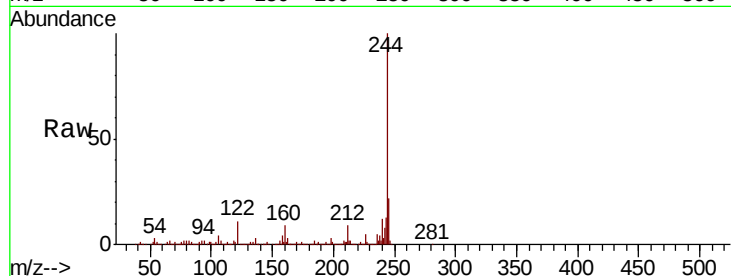
Tot Ion:244 Resp: 1345929

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

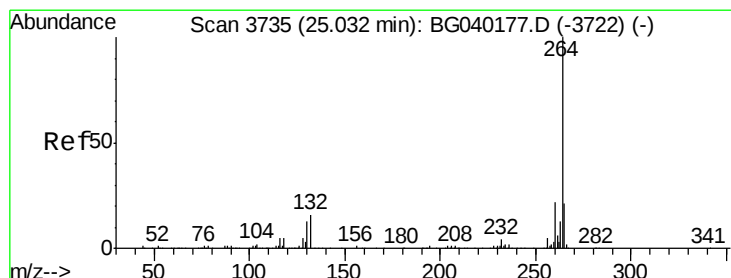
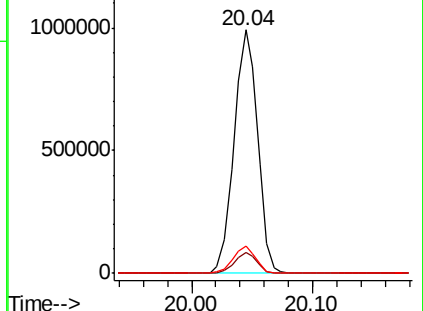
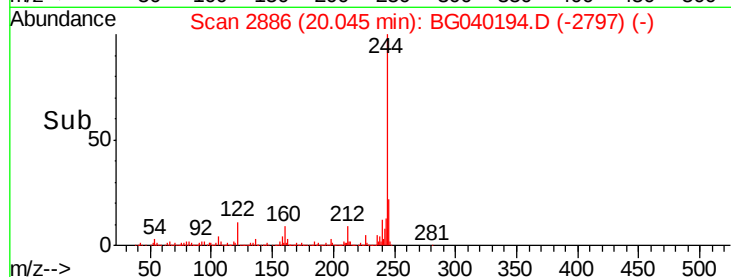
122 11.2 8.5 12.7



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: 25.02 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

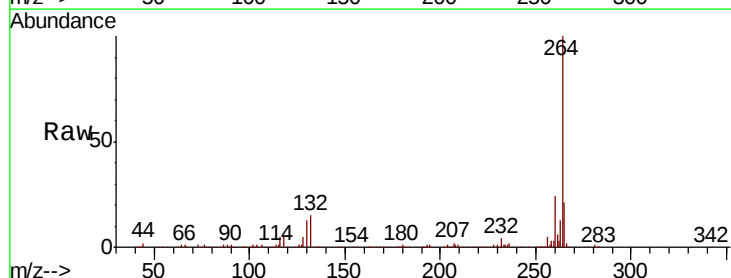
Tgt Ion:264 Resp: 394755

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 20.9 16.8 25.2



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

