

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
 Data File : BG040784.D
 Acq On : 8 May 2019 2:09
 Operator : HP/JU
 Sample : K2639-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-050319-B

Quant Time: May 08 09:17:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	50515	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	197753	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	147453	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	386847	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	382943	20.00	ng	-0.03
87) Perylene-d12	25.15	264	310100	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	373673	130.40	ng	0.00
7) Phenol-d6	7.28	99	511659	115.96	ng	-0.02
23) Nitrobenzene-d5	9.32	82	427959	100.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	248397	122.56	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	954643	93.50	ng	-0.02
79) Terphenyl-d14	20.11	244	1820473	105.32	ng	-0.02

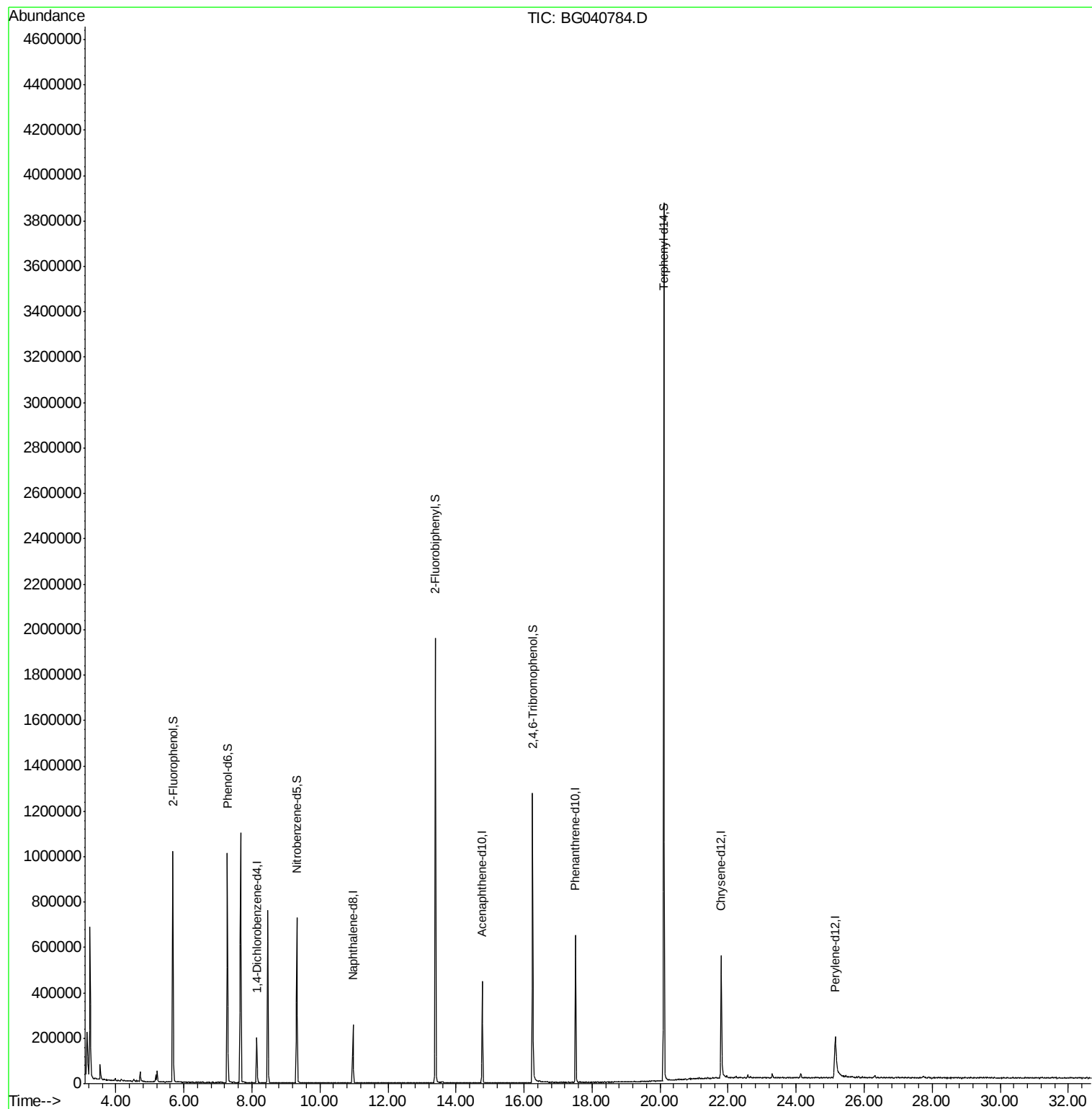
Target Compounds Qvalue

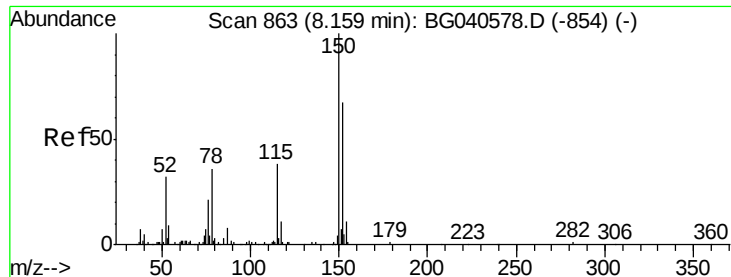
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

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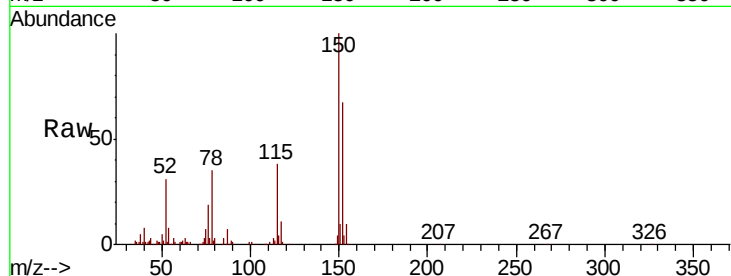
Tot Ion:152 Resp: 50515

Ion Ratio Lower Upper

152 100

150 148.3 120.2 180.2

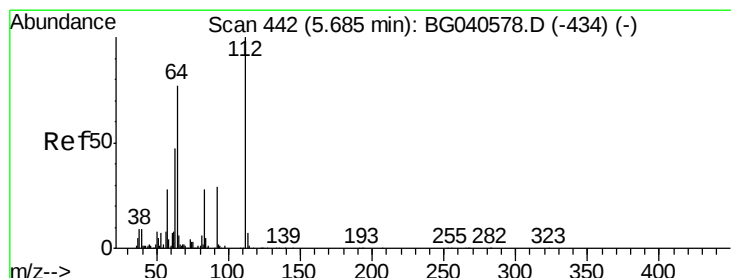
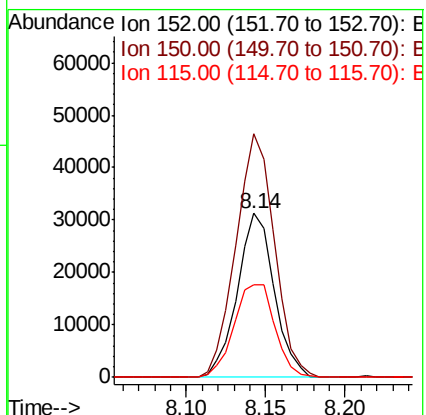
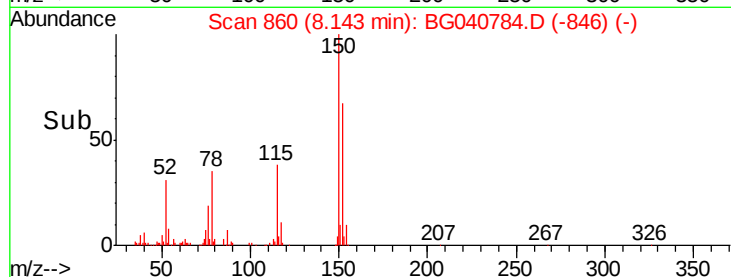
115 56.4 46.2 69.2



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: 130.396 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

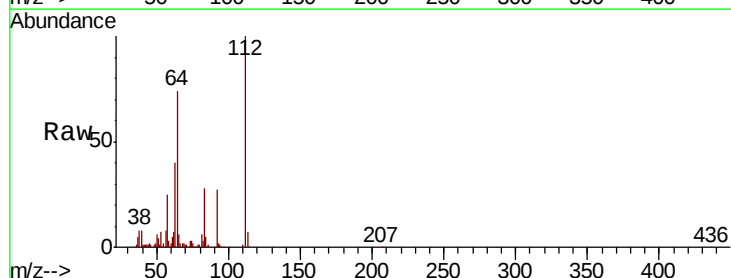
Tgt Ion:112 Resp: 373673

Ion Ratio Lower Upper

112 100

64 74.3 61.4 92.0

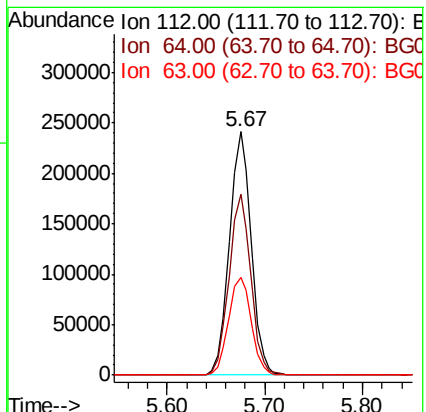
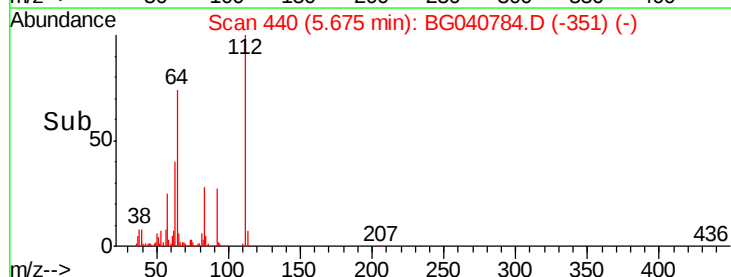
63 40.2 37.8 56.6

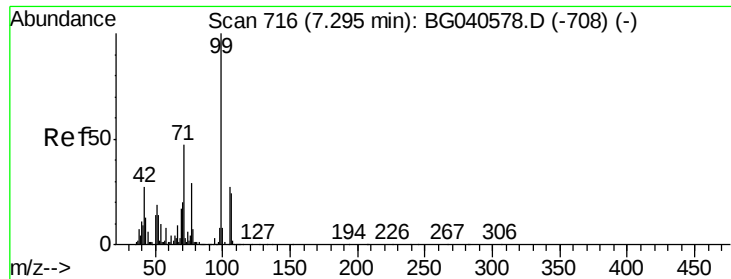


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 115.961 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

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NB-08-050319-B

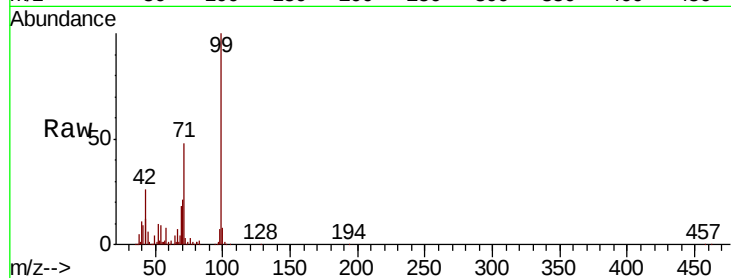
Tot Ion: 99 Resp: 511659

Ion Ratio Lower Upper

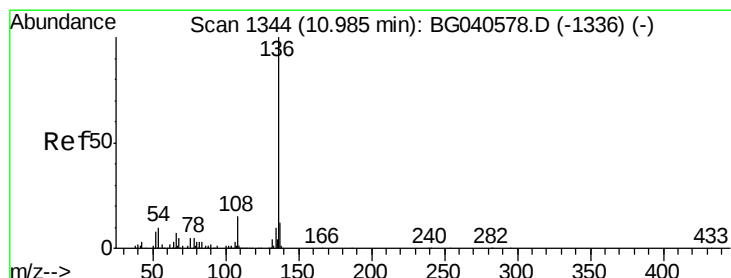
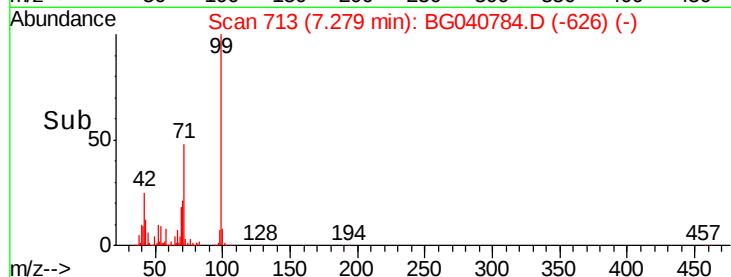
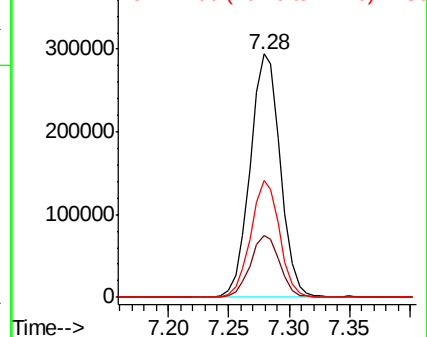
99 100

42 25.5 21.8 32.8

71 47.8 38.6 57.8



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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Tgt Ion: 136 Resp: 197753

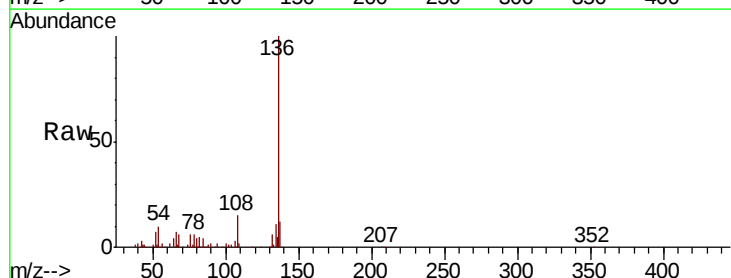
Ion Ratio Lower Upper

136 100

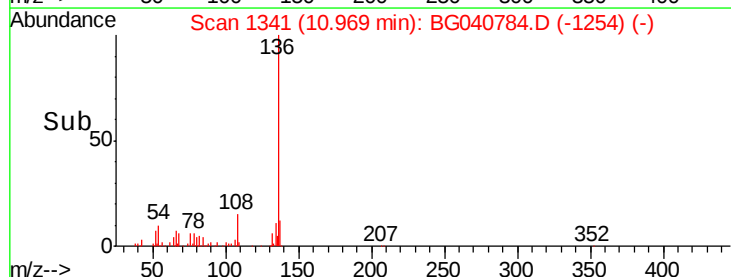
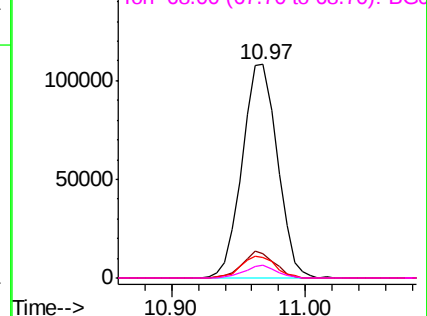
137 11.6 9.7 14.5

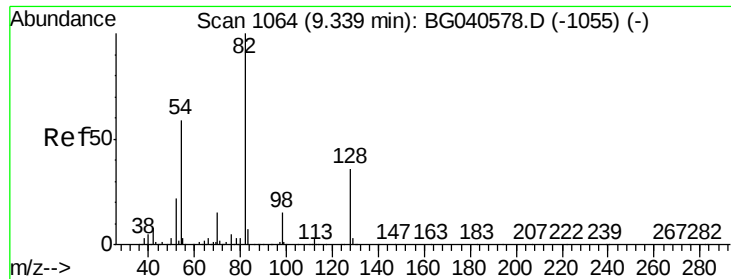
54 9.7 8.6 12.8

68 6.0 4.8 7.2



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

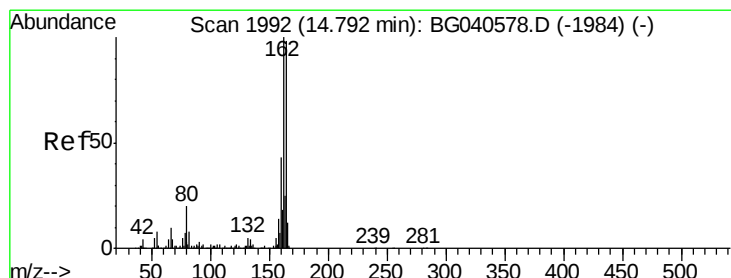
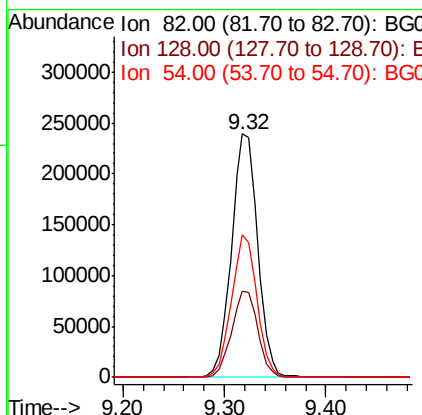
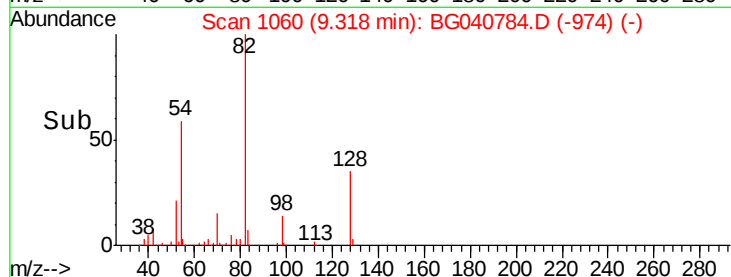
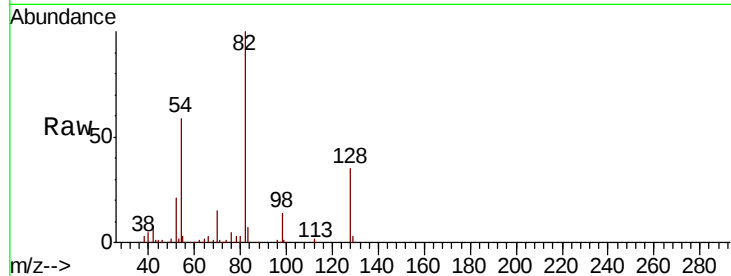




#23
Nitrobenzene-d5
Concen: 99.995 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

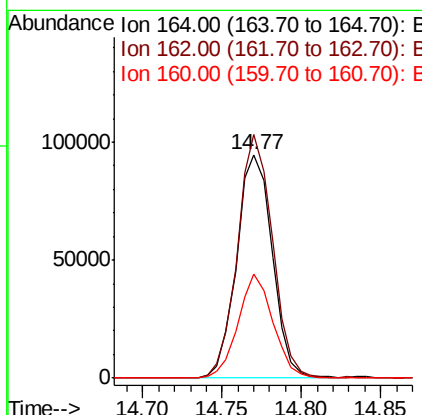
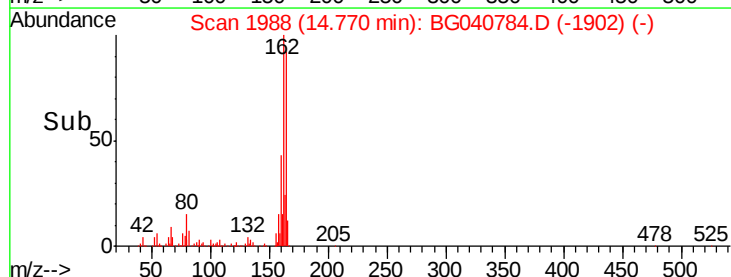
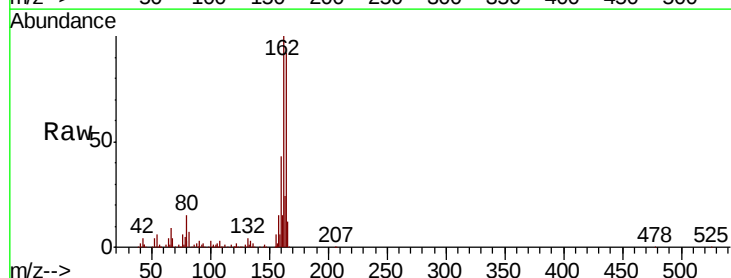
Instrument :
BNA_G
ClientSampleId :
NB-08-050319-B

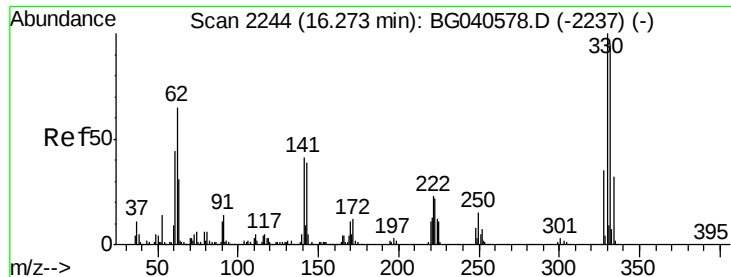
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.9	43.3
54	58.5	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.9	81.9	122.9
160	46.5	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 122.558 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

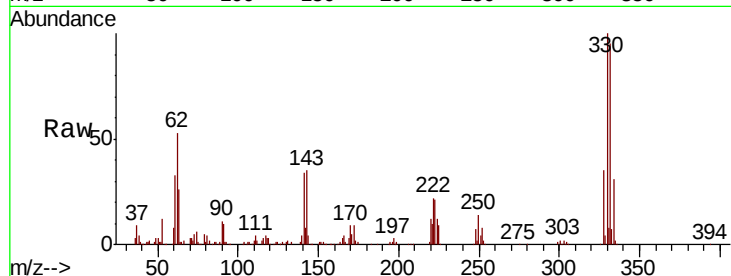
Tot Ion:330 Resp: 248397

Ion Ratio Lower Upper

330 100

332 94.8 75.9 113.9

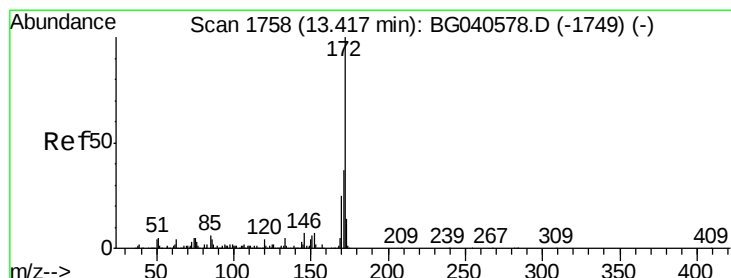
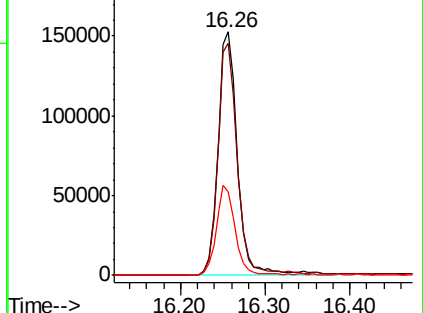
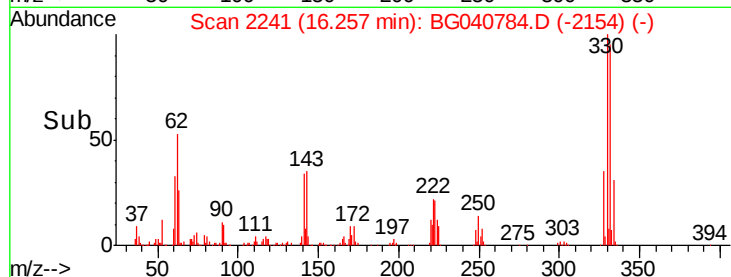
141 35.9 32.4 48.6



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: 93.501 ng

RT: 13.40 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

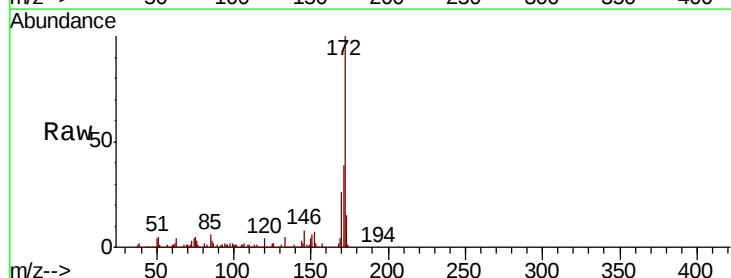
Tgt Ion:172 Resp: 954643

Ion Ratio Lower Upper

172 100

171 39.2 29.4 44.2

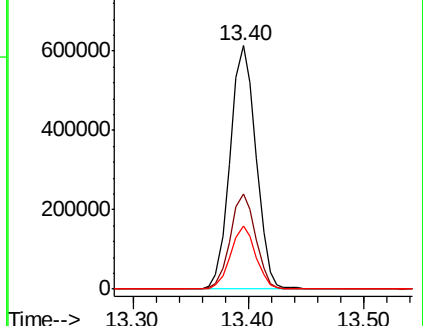
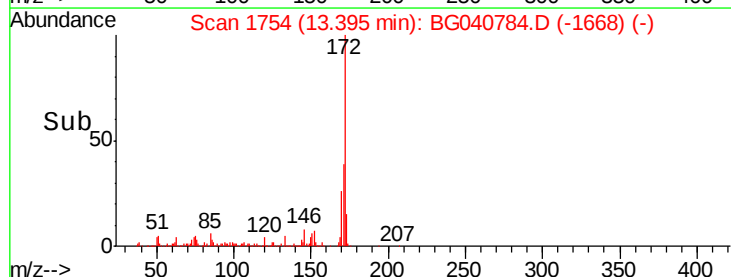
170 25.9 19.9 29.9

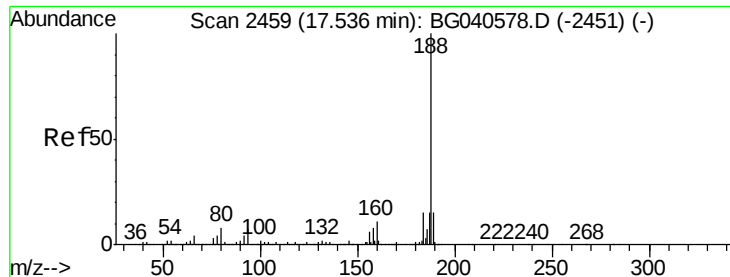


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

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ClientSampleId :

NB-08-050319-B

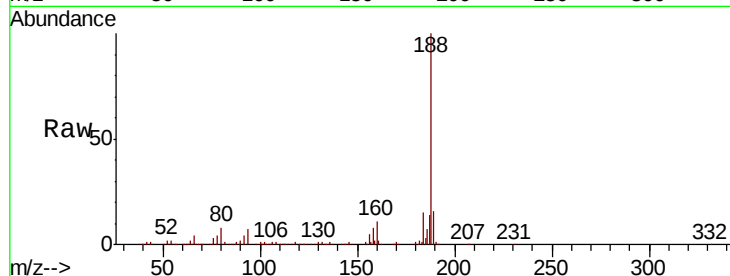
Tot Ion:188 Resp: 386847

Ion Ratio Lower Upper

188 100

94 7.1 5.6 8.4

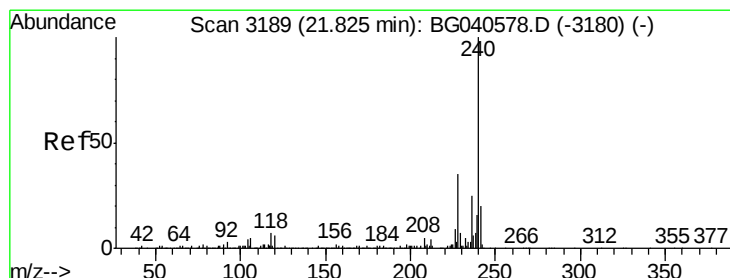
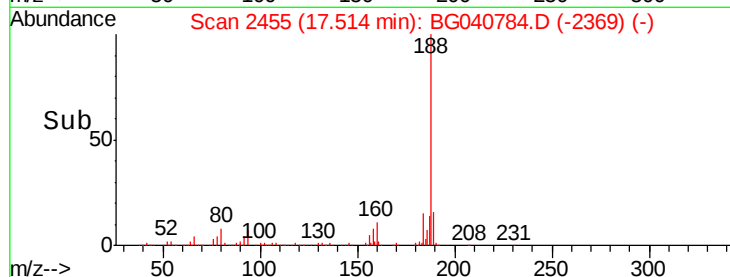
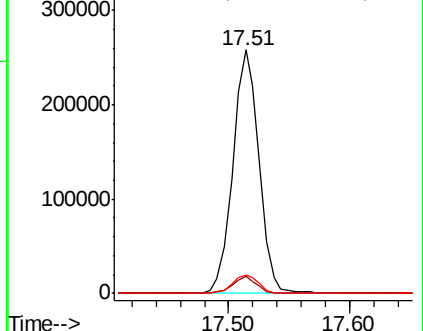
80 7.6 6.4 9.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

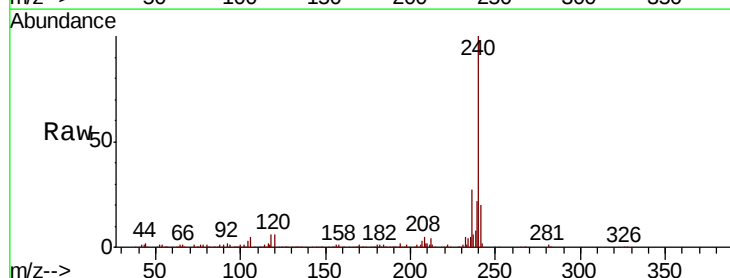
Tgt Ion:240 Resp: 382943

Ion Ratio Lower Upper

240 100

120 5.8 5.0 7.6

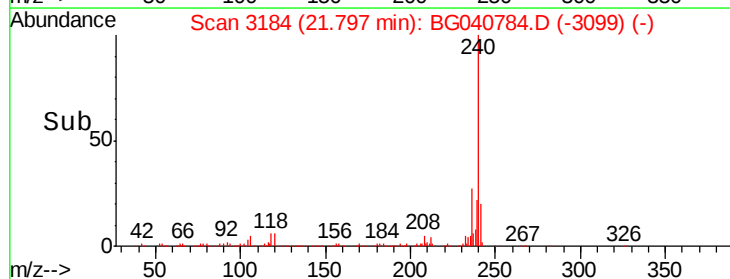
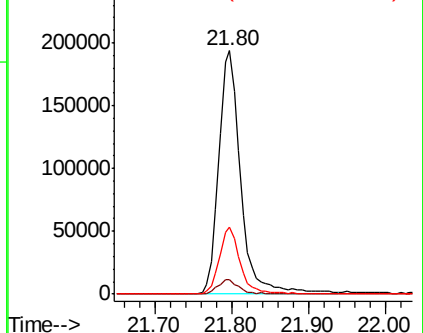
236 27.4 20.3 30.5

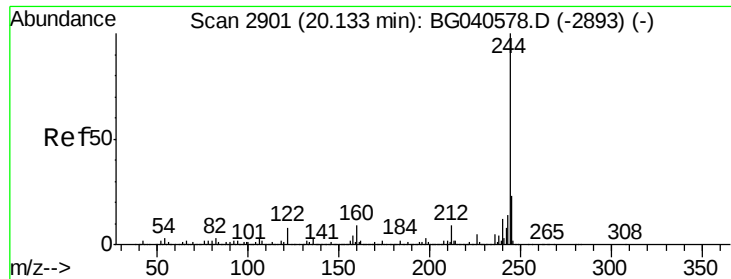


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.319 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

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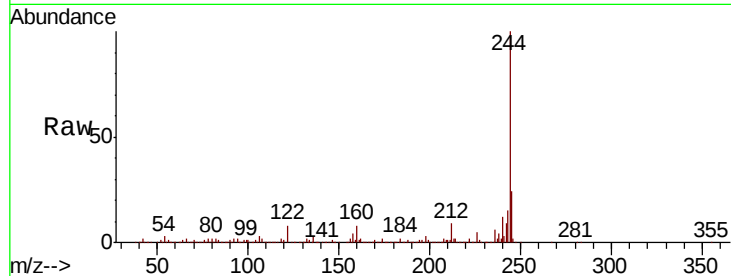
Tot Ion:244 Resp: 1820473

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

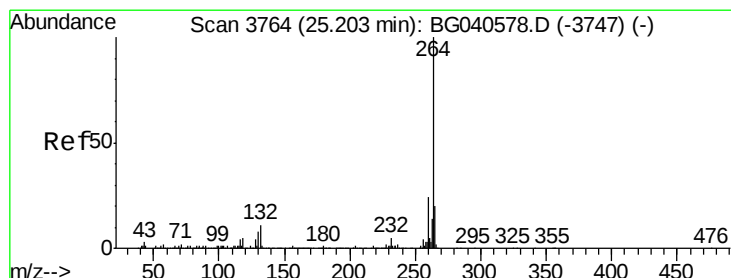
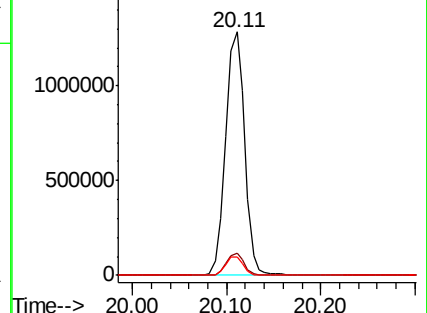
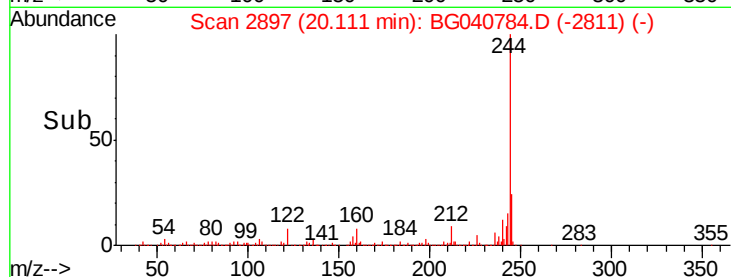
122 7.7 6.6 10.0



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: 25.15 min Scan# 3754

Delta R.T. -0.06 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

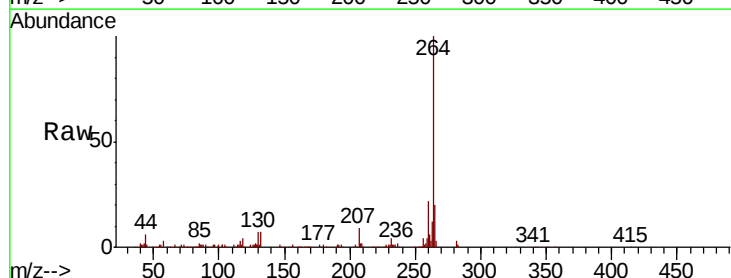
Tgt Ion:264 Resp: 310100

Ion Ratio Lower Upper

264 100

260 22.0 19.2 28.8

265 20.3 16.6 25.0



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

