

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040119\
 Data File : BN005049.D
 Acq On : 01 Apr 2019 15:42
 Operator : JU/SJ
 Sample : PB118477BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118477BL

Quant Time: Apr 02 01:36:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:42:17 2019
 Response via : Initial Calibration

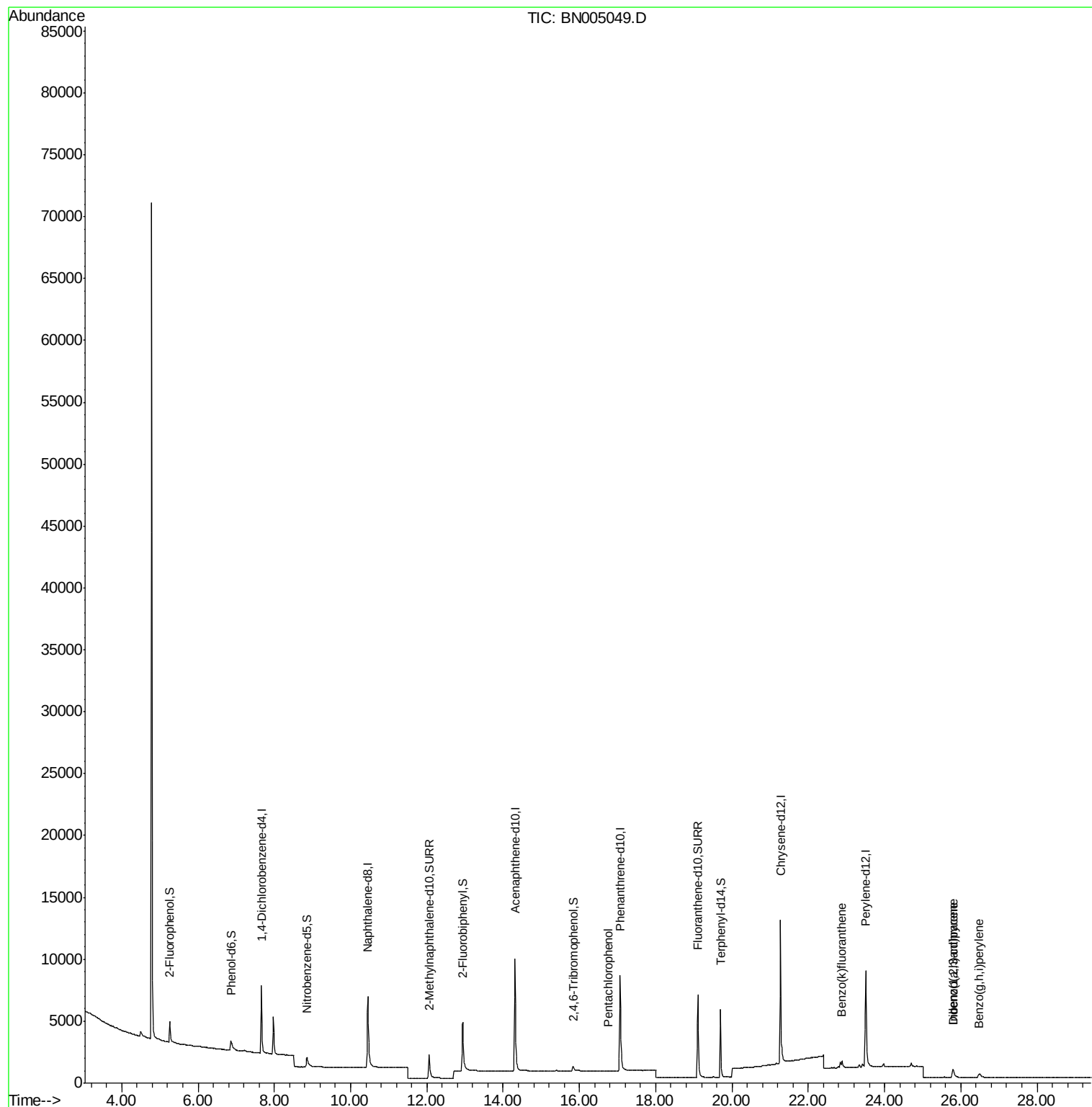
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3048	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	12183	0.40	ng	0.01
13) Acenaphthene-d10	14.31	164	6764	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	15166	0.40	ng	0.01
27) Chrysene-d12	21.27	240	13467	0.40	ng	0.01
34) Perylene-d12	23.51	264	12312	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1904	0.25	ng	0.00
5) Phenol-d6	6.86	99	1930	0.21	ng	0.02
8) Nitrobenzene-d5	8.86	82	1429	0.20	ng	0.03
11) 2-Methylnaphthalene-d10	12.06	152	4510	0.24	ng	0.02
14) 2,4,6-Tribromophenol	15.84	330	643	0.17	ng	0.02
15) 2-Fluorobiphenyl	12.94	172	6332	0.25	ng	0.02
25) Fluoranthene-d10	19.11	212	10162	0.23	ng	0.01
29) Terphenyl-d14	19.70	244	6928	0.25	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.75	266	1	0.090	ng	Qvalue # 63
33) Indeno(1,2,3-cd)pyrene	25.79	276	1007	0.022	ng	# 97
36) Benzo(k)fluoranthene	22.89	252	915	0.024	ng	# 16
38) Dibenzo(a,h)anthracene	25.80	278	952	0.027	ng	# 31
39) Benzo(g,h,i)perylene	26.48	276	912	0.026	ng	# 59

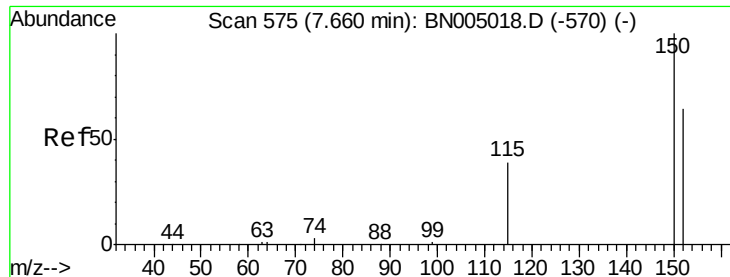
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 29 03:42:17 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: BN005049.D

Acq: 01 Apr 2019 15:42

Instrument :

BNA_N

ClientSampleId :

PB118477BL

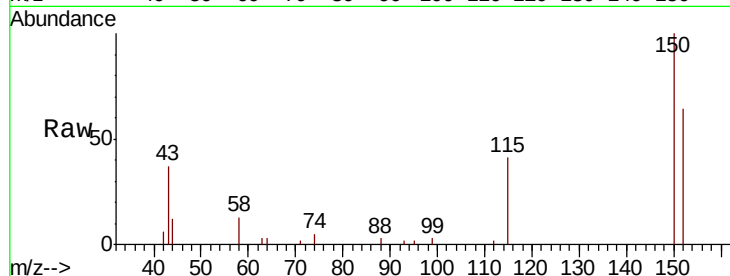
Tgt Ion:152 Resp: 3048

Ion Ratio Lower Upper

152 100

150 156.7 123.4 185.2

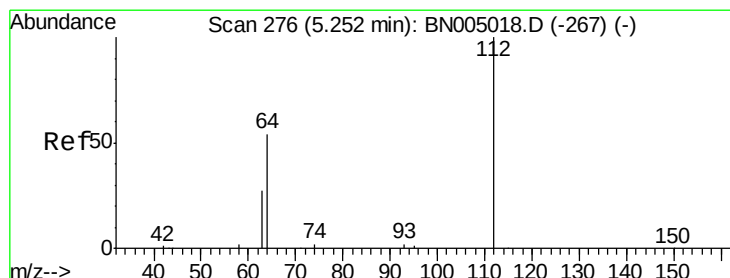
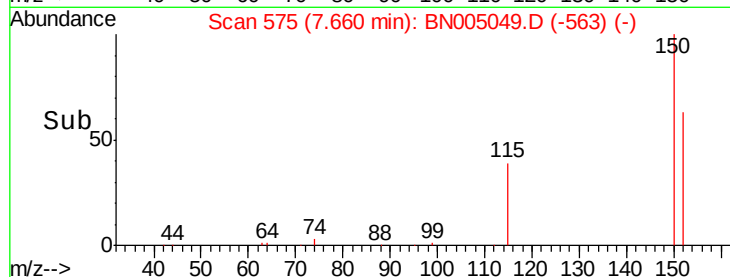
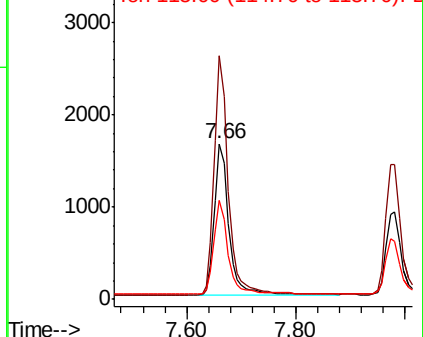
115 64.1 50.0 75.0



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



#4

2-Fluorophenol

Concen: 0.250 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.01 min

Lab File: BN005049.D

Acq: 01 Apr 2019 15:42

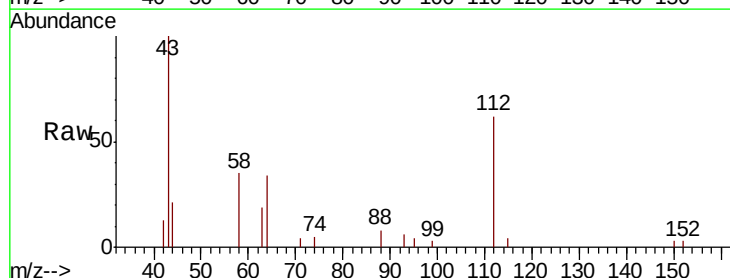
Tgt Ion:112 Resp: 1904

Ion Ratio Lower Upper

112 100

64 52.8 41.9 62.9

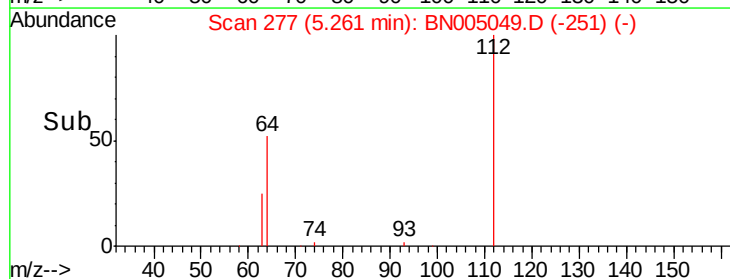
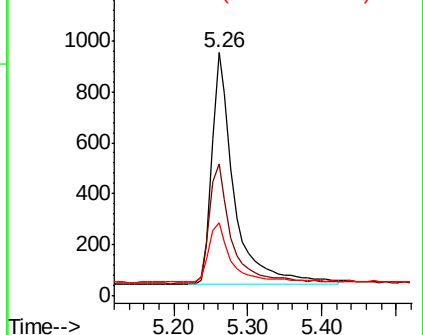
63 26.5 21.5 32.3

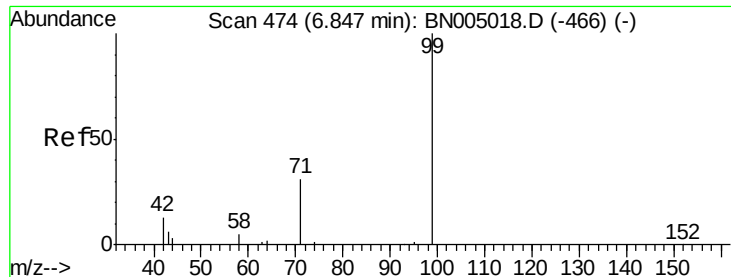


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.214 ng

RT: 6.86 min Scan# 476

Delta R.T. 0.02 min

Lab File: BN005049.D

Acq: 01 Apr 2019 15:42

Instrument :

BNA_N

ClientSampleId :

PB118477BL

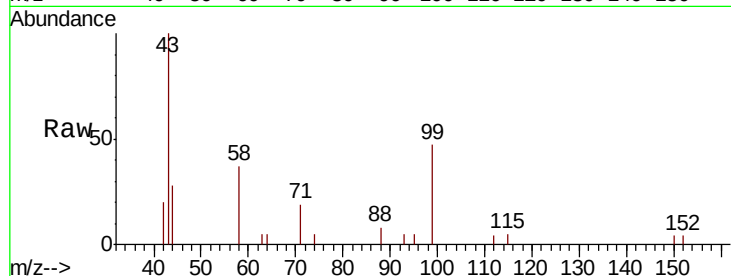
Tgt Ion: 99 Resp: 1930

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

71 32.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN005018.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN005018.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN005018.D (-466) (-)

6.86

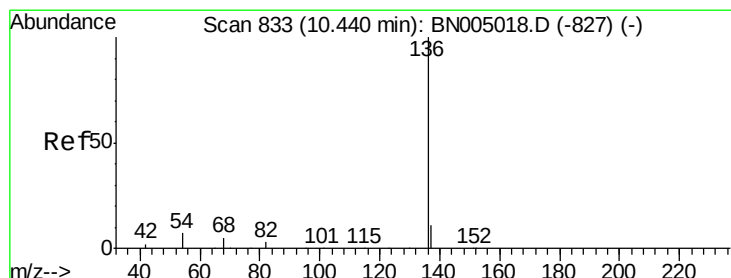
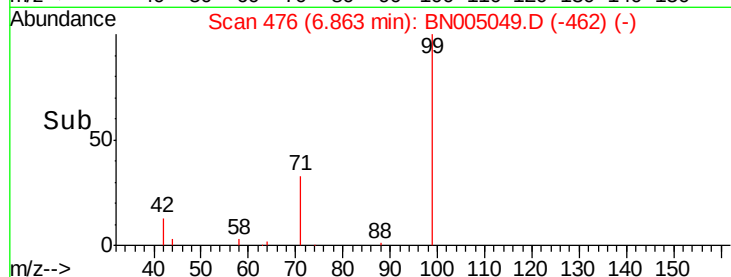
400

200

0

6.80 6.90 7.00

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.01 min

Lab File: BN005049.D

Acq: 01 Apr 2019 15:42

Tgt Ion: 136 Resp: 12183

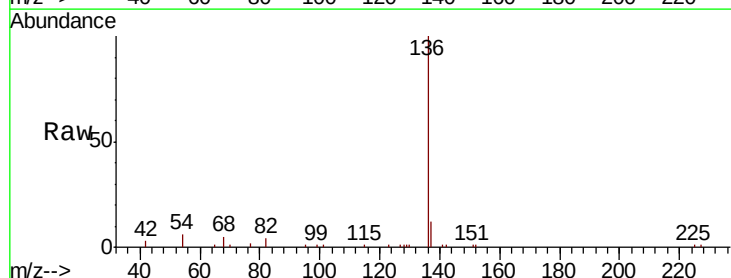
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 6.0 6.0 9.0

68 5.2 5.0 7.6



Abundance Ion 136.00 (135.70 to 136.70): BN005018.D (-827) (-)

Ion 137.00 (136.70 to 137.70): BN005018.D (-827) (-)

Ion 54.00 (53.70 to 54.70): BN005018.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN005018.D (-827) (-)

10.45

6000

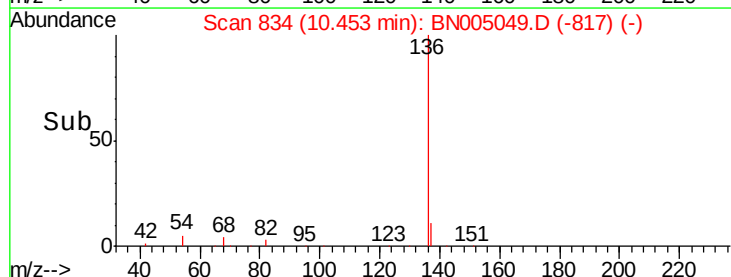
4000

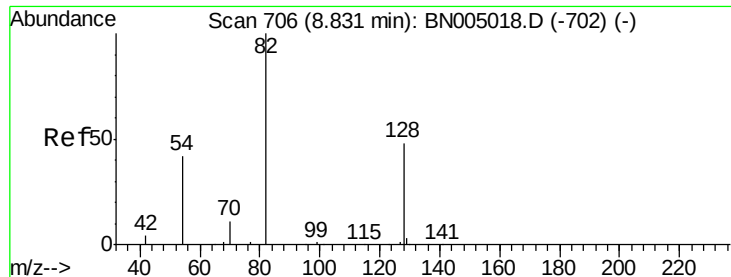
2000

0

10.30 10.40 10.50 10.60

Time-->

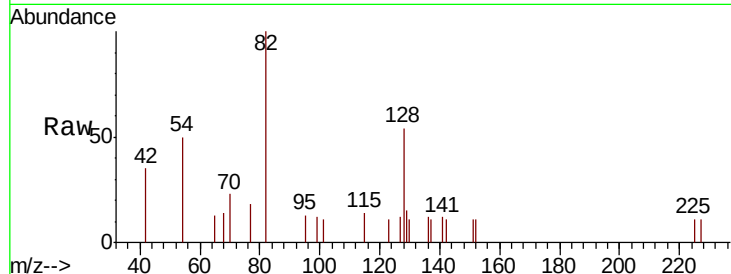




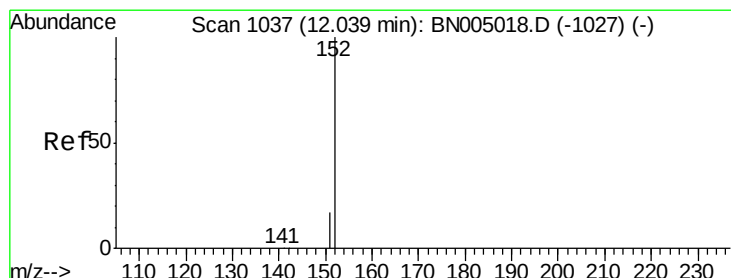
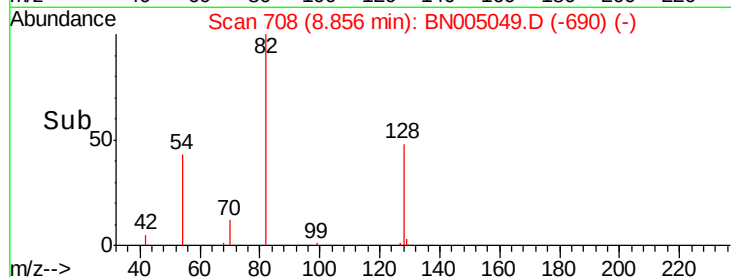
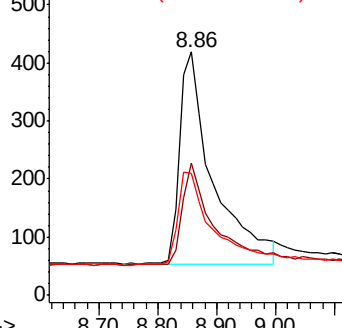
#8
 Nitrobenzene-d5
 Concen: 0.202 ng
 RT: 8.86 min Scan# 708
 Delta R.T. 0.03 min
 Lab File: BN005049.D
 Acq: 01 Apr 2019 15:42

Instrument :
 BNA_N
 ClientSampled :
 PB118477BL

Tgt Ion: 82 Resp: 1429
 Ion Ratio Lower Upper
 82 100
 128 54.2 40.5 60.7
 54 50.1 35.7 53.5

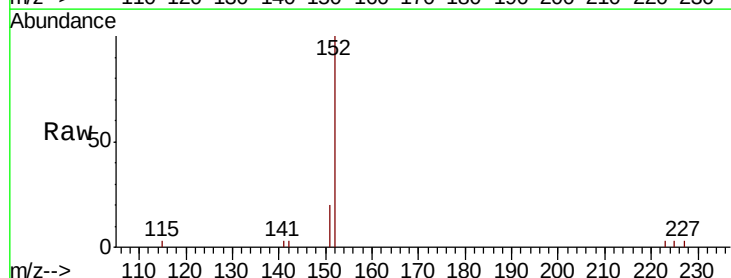


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

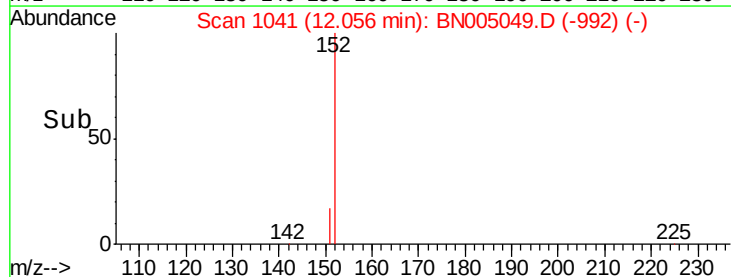
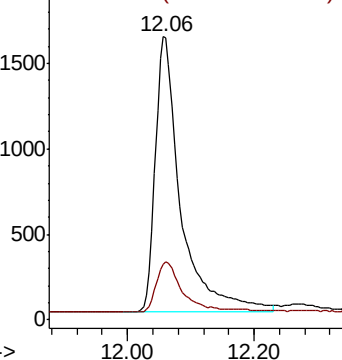


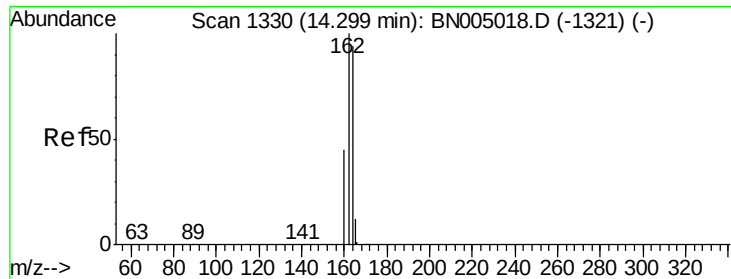
#11
 2-Methylnaphthalene-d10
 Concen: 0.239 ng
 RT: 12.06 min Scan# 1041
 Delta R.T. 0.02 min
 Lab File: BN005049.D
 Acq: 01 Apr 2019 15:42

Tgt Ion: 152 Resp: 4510
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BN005049.D

Acq: 01 Apr 2019 15:42

Instrument :

BNA_N

ClientSampleId :

PB118477BL

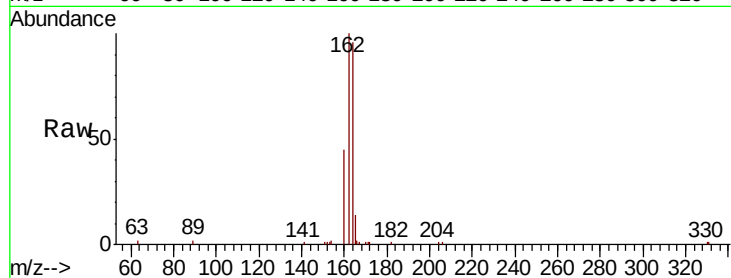
Tgt Ion:164 Resp: 6764

Ion Ratio Lower Upper

164 100

162 103.7 85.3 127.9

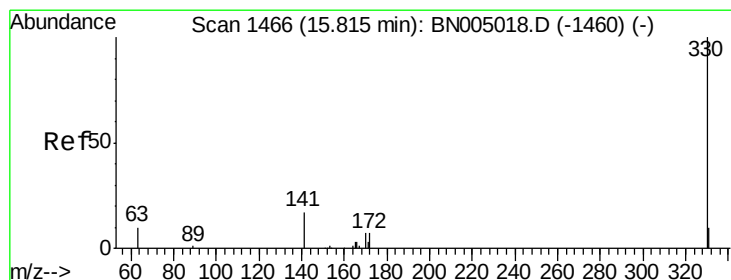
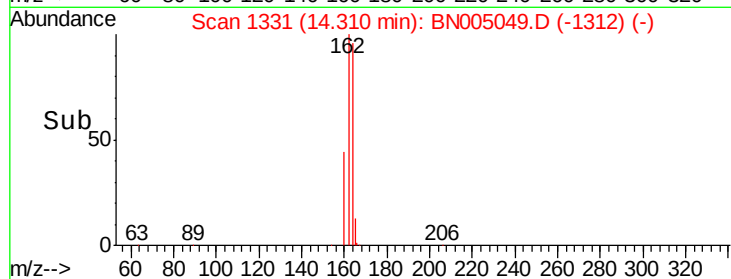
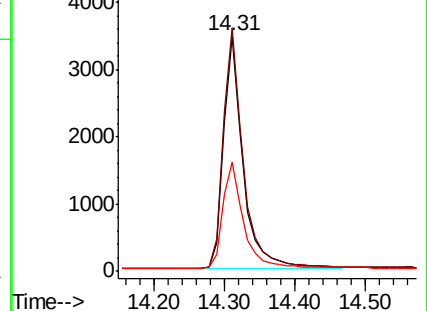
160 46.6 39.2 58.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.169 ng

RT: 15.84 min Scan# 1468

Delta R.T. 0.02 min

Lab File: BN005049.D

Acq: 01 Apr 2019 15:42

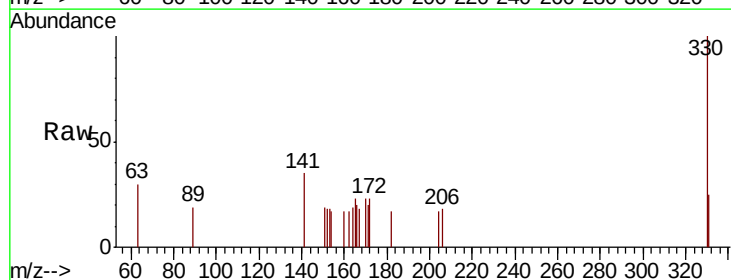
Tgt Ion:330 Resp: 643

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

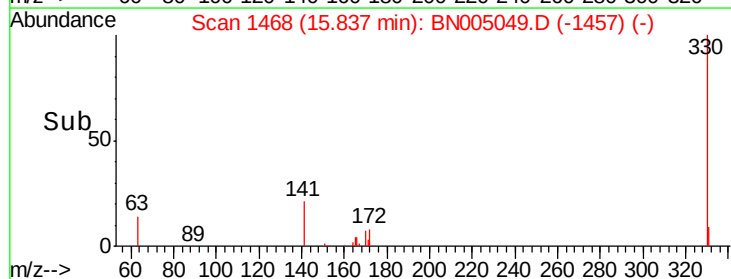
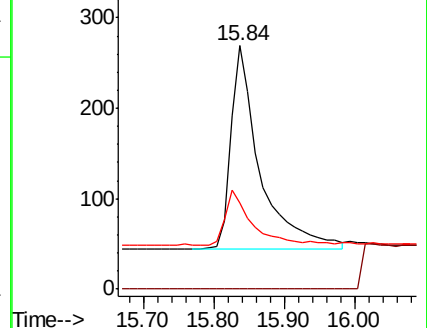
141 26.6 21.3 31.9

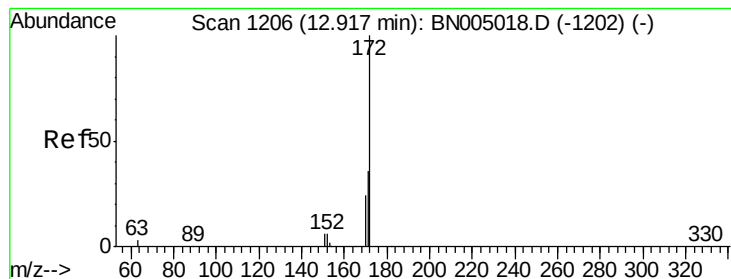


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.248 ng

RT: 12.94 min Scan# 1208

Delta R.T. 0.02 min

Lab File: BN005049.D

Acq: 01 Apr 2019 15:42

Instrument :

BNA_N

ClientSampleId :

PB118477BL

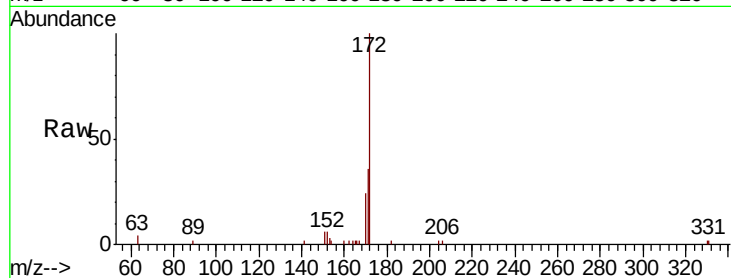
Tgt Ion:172 Resp: 6332

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

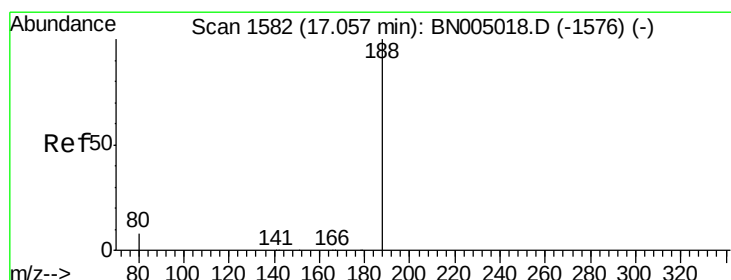
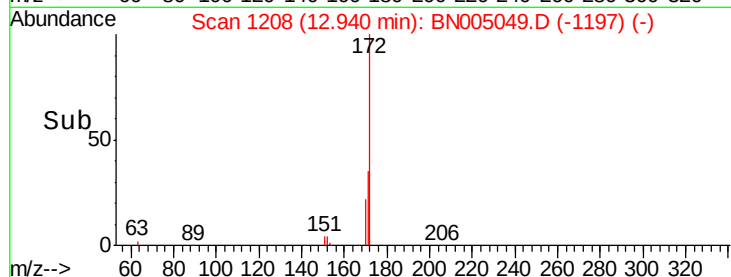
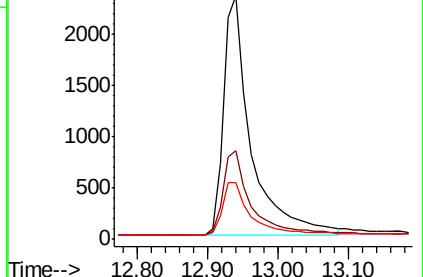
170 23.5 20.0 30.0



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BN005049.D

Acq: 01 Apr 2019 15:42

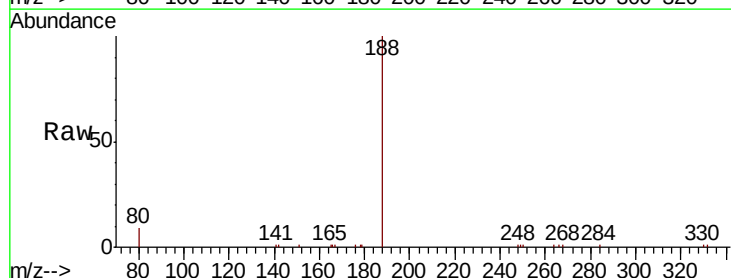
Tgt Ion:188 Resp: 15166

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

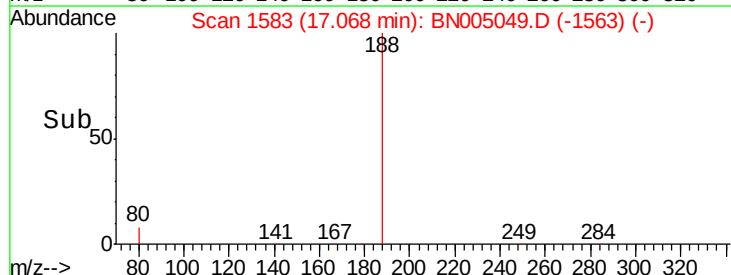
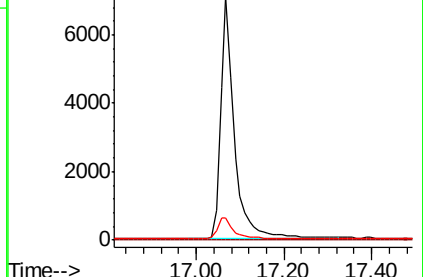
80 9.2 6.9 10.3

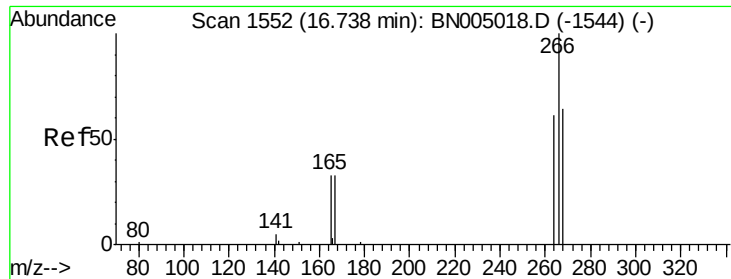


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

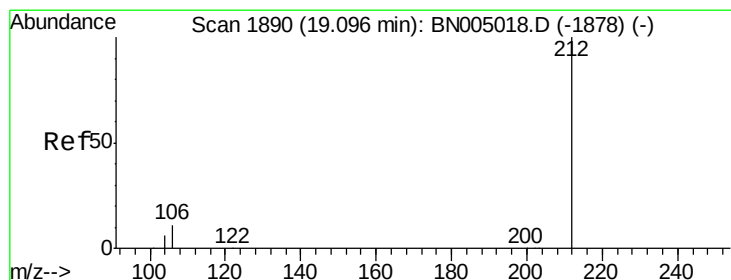
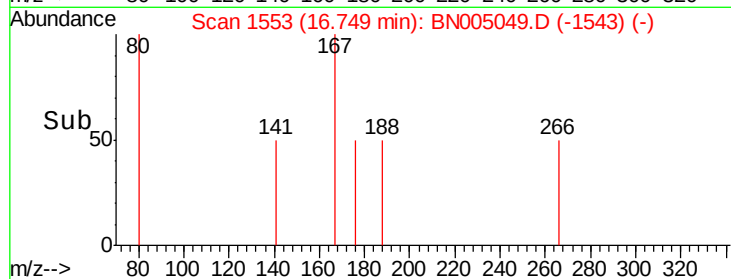
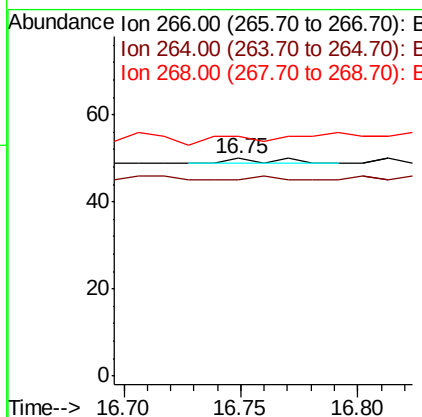
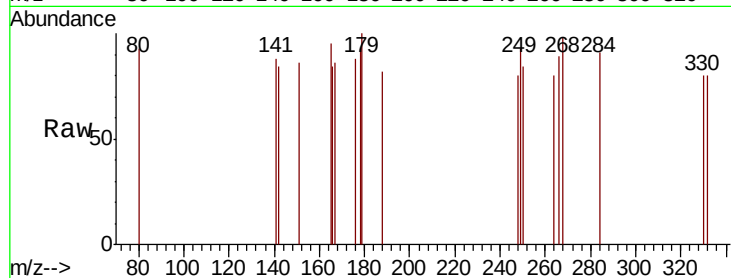




#22
 Pentachlorophenol
 Concen: 0.090 ng
 RT: 16.75 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BN005049.D
 Acq: 01 Apr 2019 15:42

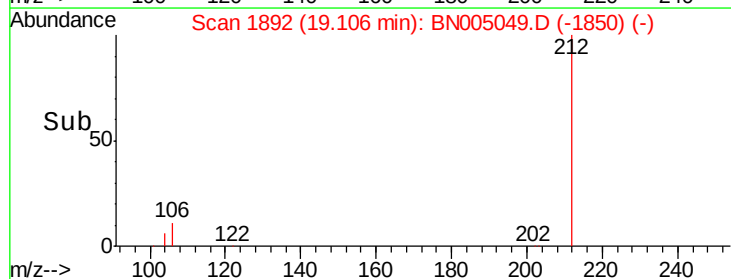
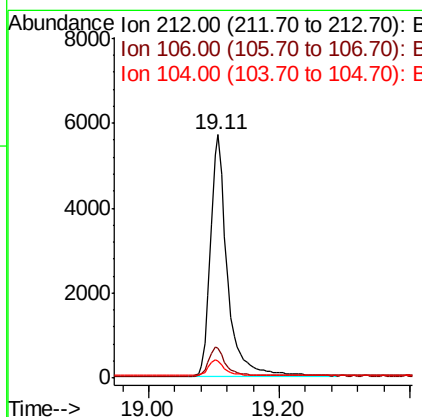
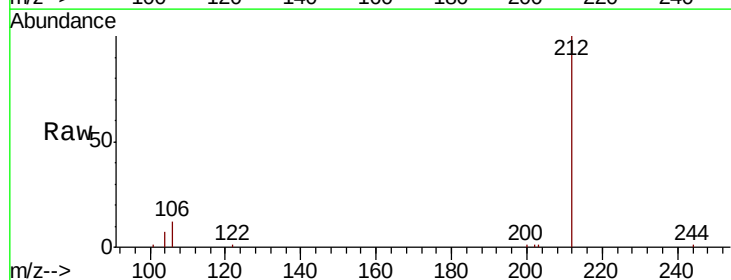
Instrument :
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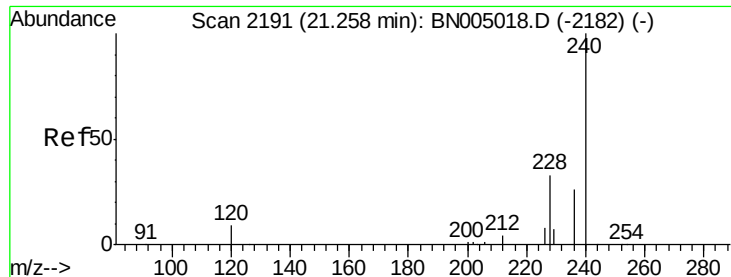
Tgt Ion: 266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 264 90.0 53.4 80.0#
 268 110.0 58.9 88.3#



#25
 Fluoranthene-d10
 Concen: 0.235 ng
 RT: 19.11 min Scan# 1892
 Delta R.T. 0.01 min
 Lab File: BN005049.D
 Acq: 01 Apr 2019 15:42

Tgt Ion: 212 Resp: 10162
 Ion Ratio Lower Upper
 212 100
 106 11.8 9.4 14.2
 104 6.5 5.4 8.0





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BN005049.D

Acq: 01 Apr 2019 15:42

Instrument :

BNA_N

ClientSampleId :

PB118477BL

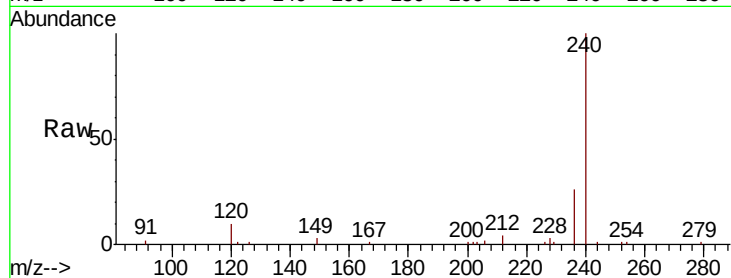
Tgt Ion:240 Resp: 13467

Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.0

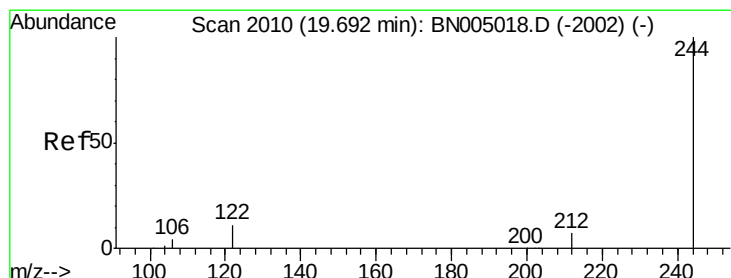
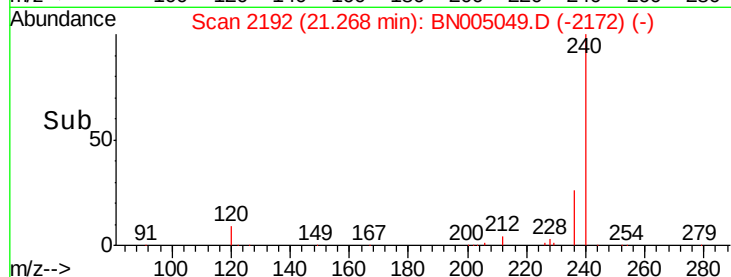
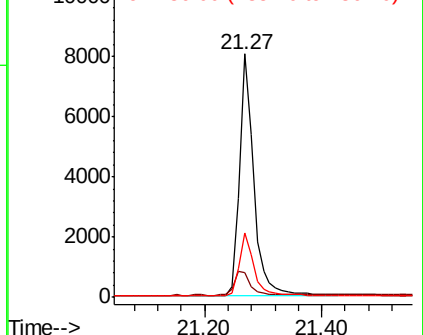
236 26.2 21.0 31.6



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



#29

Terphenyl-d14

Concen: 0.250 ng

RT: 19.70 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BN005049.D

Acq: 01 Apr 2019 15:42

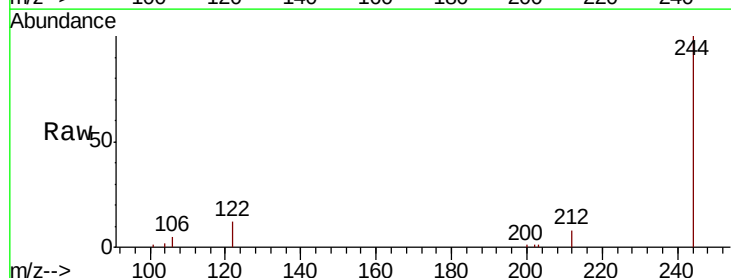
Tgt Ion:244 Resp: 6928

Ion Ratio Lower Upper

244 100

212 8.0 5.9 8.9

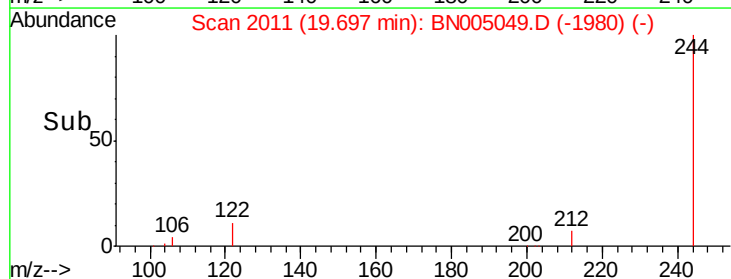
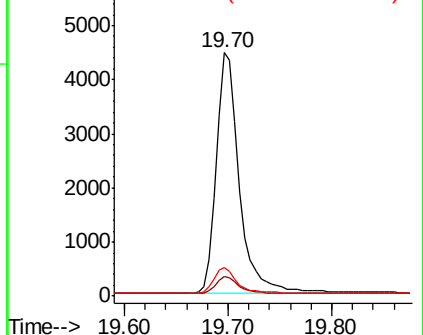
122 11.7 9.0 13.4

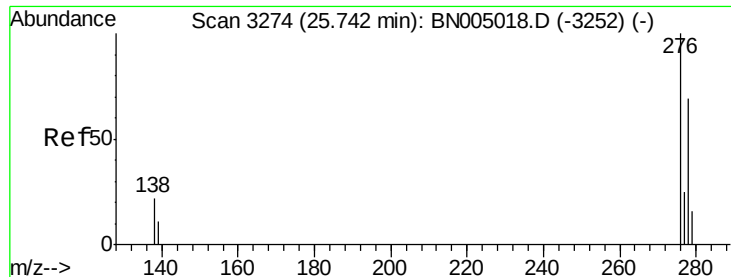


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.022 ng

RT: 25.79 min Scan# 3289

Delta R.T. 0.05 min

Lab File: BN005049.D

Acq: 01 Apr 2019 15:42

Instrument :

BNA_N

ClientSampleId :

PB118477BL

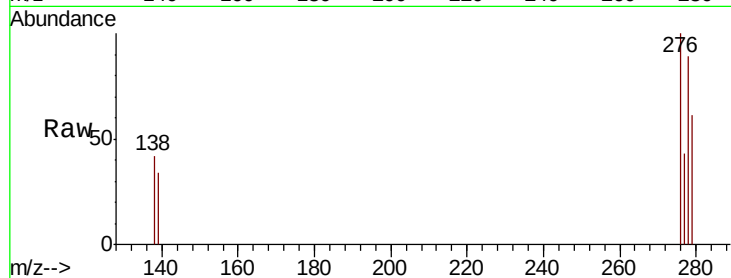
Tgt Ion:276 Resp: 1007

Ion Ratio Lower Upper

276 100

138 20.8 18.2 27.2

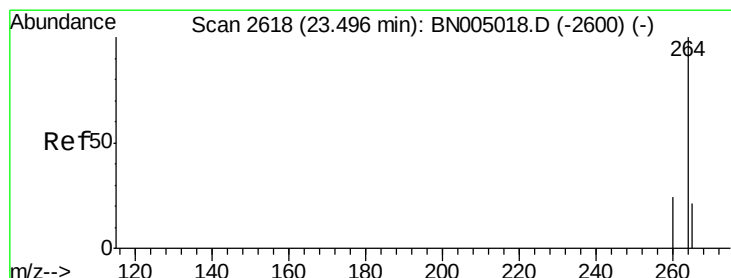
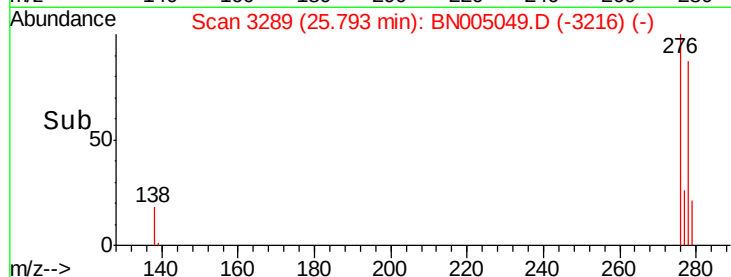
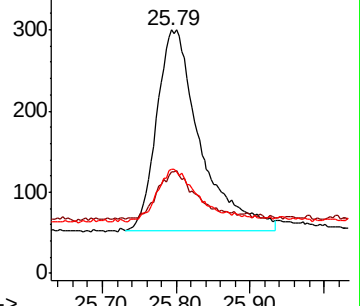
277 24.1 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.51 min Scan# 2621

Delta R.T. 0.01 min

Lab File: BN005049.D

Acq: 01 Apr 2019 15:42

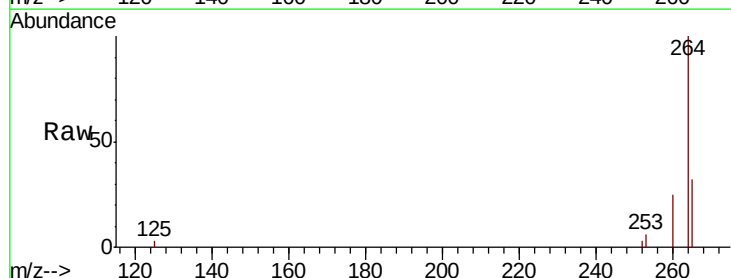
Tgt Ion:264 Resp: 12312

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

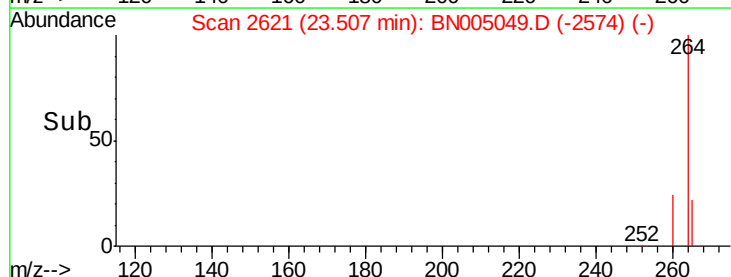
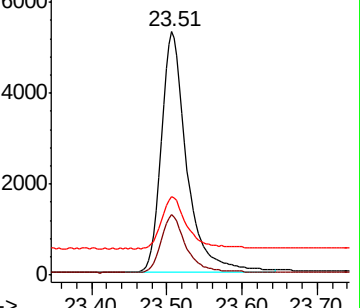
265 32.5 22.5 33.7

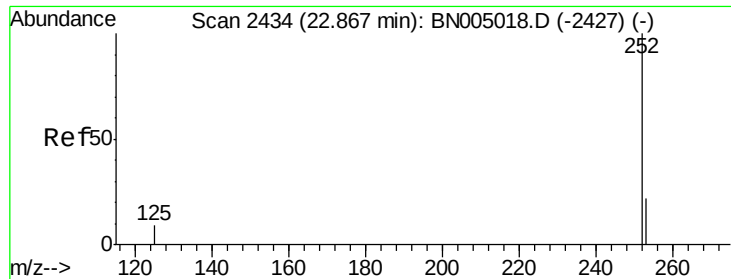


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#36

Benzo(k)fluoranthene

Concen: 0.024 ng

RT: 22.89 min Scan# 2440

Delta R.T. 0.02 min

Lab File: BN005049.D

Acq: 01 Apr 2019 15:42

Instrument :

BNA_N

ClientSampleId :

PB118477BL

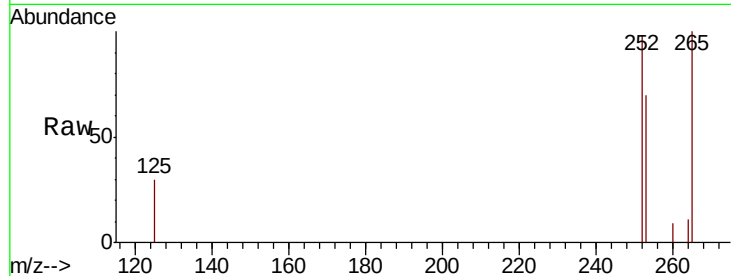
Tgt Ion: 252 Resp: 915

Ion Ratio Lower Upper

252 100

253 71.5 19.3 28.9#

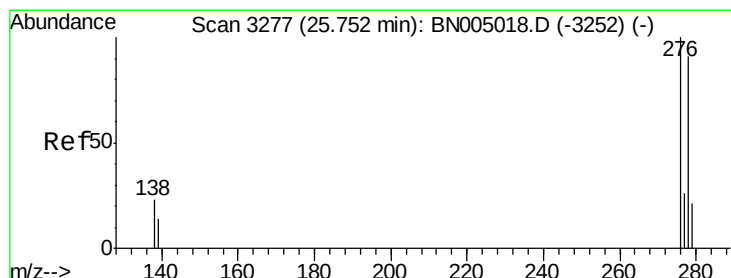
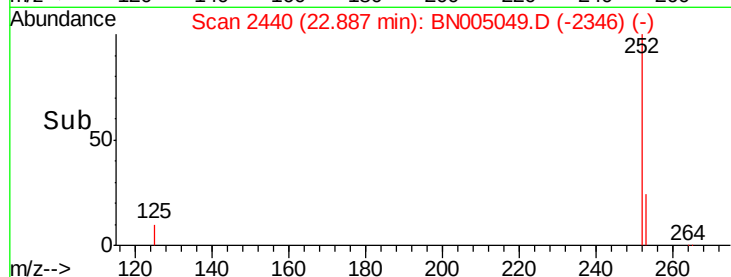
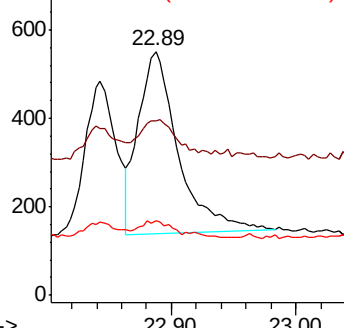
125 30.5 8.2 12.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.027 ng

RT: 25.80 min Scan# 3291

Delta R.T. 0.05 min

Lab File: BN005049.D

Acq: 01 Apr 2019 15:42

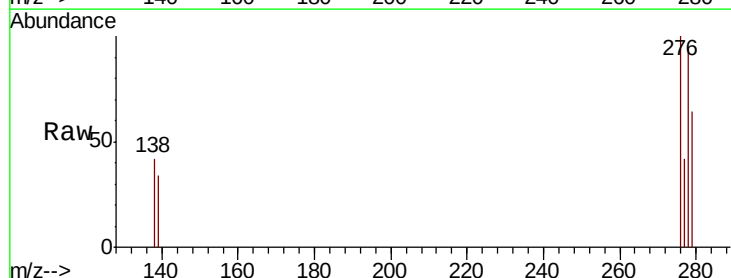
Tgt Ion: 278 Resp: 952

Ion Ratio Lower Upper

278 100

139 35.9 13.1 19.7#

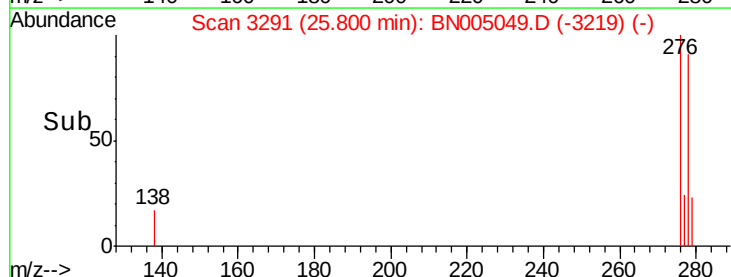
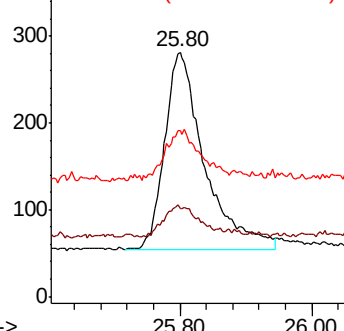
279 68.0 20.2 30.2#

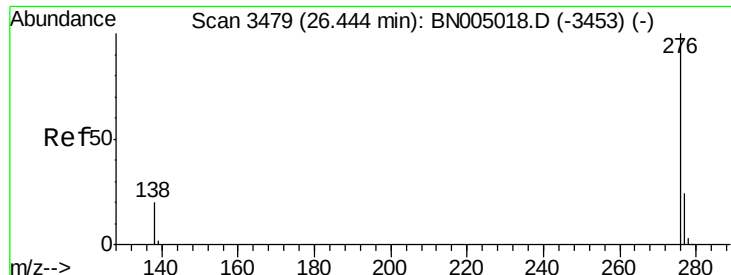


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.026 ng

RT: 26.48 min Scan# 3491

Delta R.T. 0.04 min

Lab File: BN005049.D

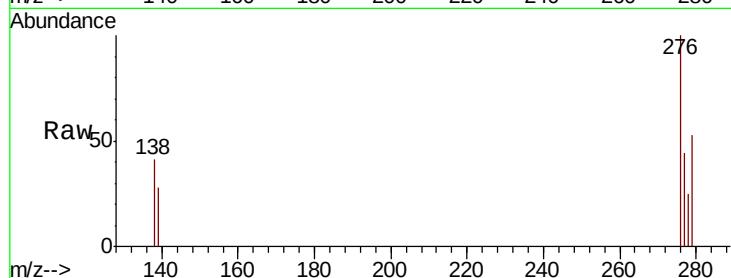
Acq: 01 Apr 2019 15:42

Instrument :

BNA_N

ClientSampleId :

PB118477BL



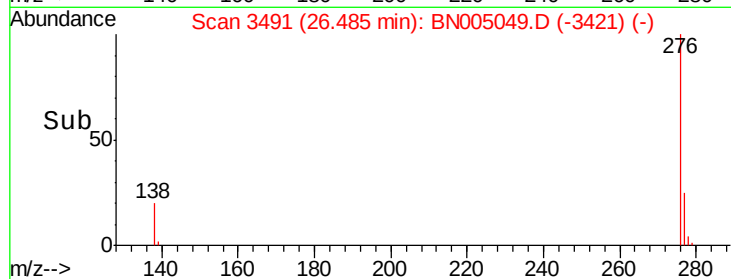
Tgt Ion: 276 Resp: 912

Ion Ratio Lower Upper

276 100

277 43.9 19.8 29.6#

138 41.3 16.4 24.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

