

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010177.D
 Acq On : 11 Mar 2020 05:43
 Operator : CG/JU
 Sample : PB127415BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127415BL

Quant Time: Mar 11 07:36:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

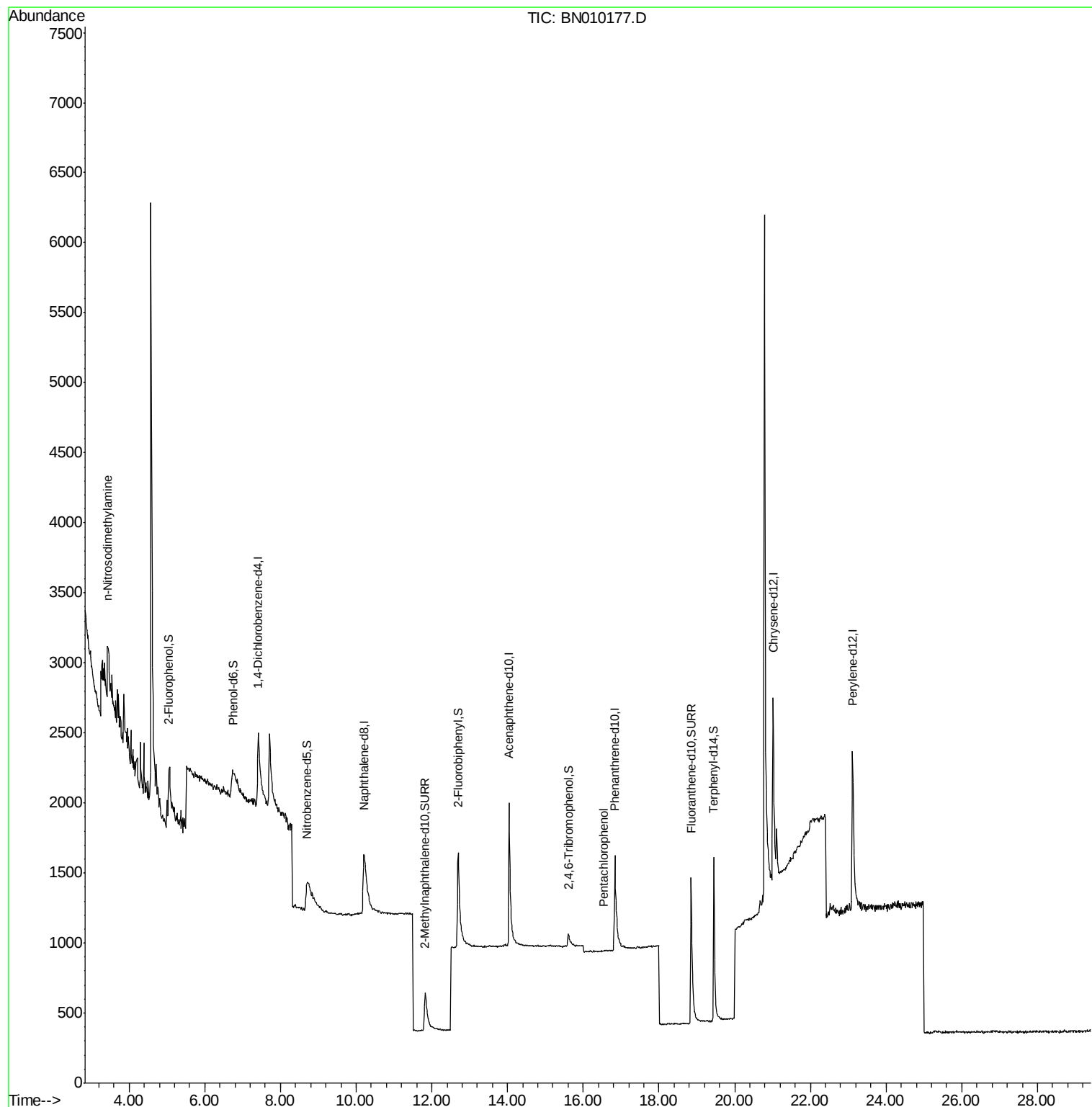
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	901	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	1819	0.40	ng	0.04
13) Acenaphthene-d10	14.04	164	1305	0.40	ng	-0.02
19) Phenanthrene-d10	16.83	188	2551	0.40	ng	0.02
27) Chrysene-d12	21.02	240	2483	0.40	ng	-0.02
34) Perylene-d12	23.12	264	2501	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	659	0.33	ng	-0.03
5) Phenol-d6	6.75	99	387	0.16	ng	0.10
8) Nitrobenzene-d5	8.71	82	417	0.28	ng	0.11
11) 2-Methylnaphthalene-d10	11.82	152	1173	0.33	ng	0.04
14) 2,4,6-Tribromophenol	15.61	330	154	0.31	ng	0.03
15) 2-Fluorobiphenyl	12.69	172	1561	0.32	ng	0.00
25) Fluoranthene-d10	18.85	212	2618	0.30	ng	0.00
29) Terphenyl-d14	19.45	244	2171	0.37	ng	-0.03
Target Compounds						
3) n-Nitrosodimethylamine	3.44	42	88	0.058	ng	# 33
20) 4-Bromophenyl-phenylether	16.01	248	86	Below Cal		# 81
22) Pentachlorophenol	16.54	266	3	0.184	ng	# 76

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 569

Delta R.T. -0.01 min

Lab File: BN010177.D

Acq: 11 Mar 2020 05:43

Instrument :

BNA_N

ClientSampleId :

PB127415BL

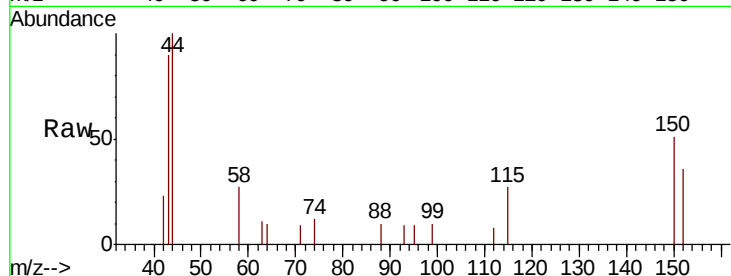
Tot Ion:152 Resp: 901

Ion Ratio Lower Upper

152 100

150 142.2 120.6 181.0

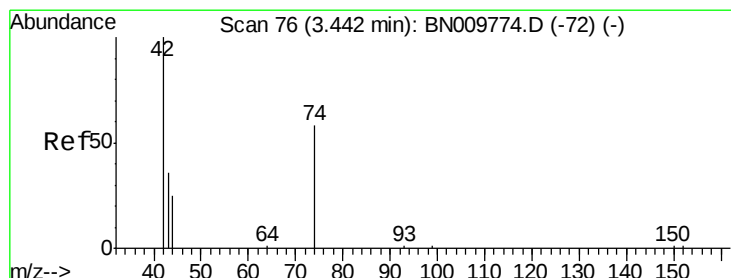
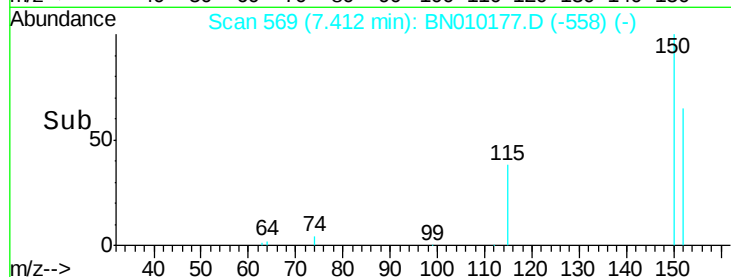
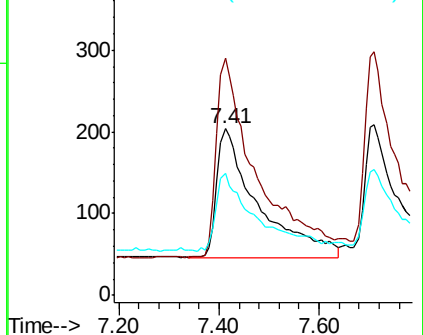
115 73.5 51.2 76.8



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



#3

n-Nitrosodimethylamine

Concen: 0.058 ng

RT: 3.44 min Scan# 76

Delta R.T. -0.00 min

Lab File: BN010177.D

Acq: 11 Mar 2020 05:43

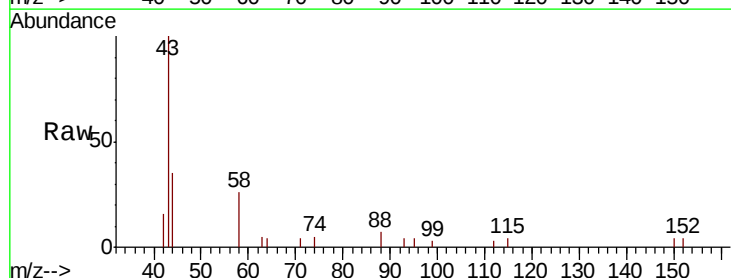
Tgt Ion: 42 Resp: 88

Ion Ratio Lower Upper

42 100

74 9.1 51.2 76.8#

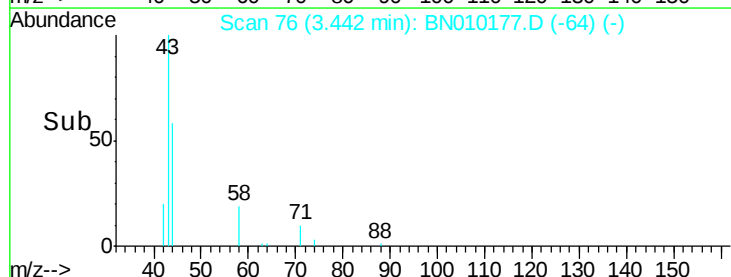
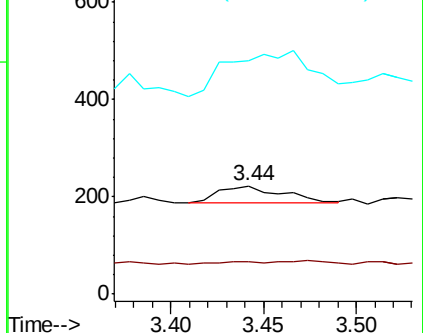
44 0.0 2.6 4.0#

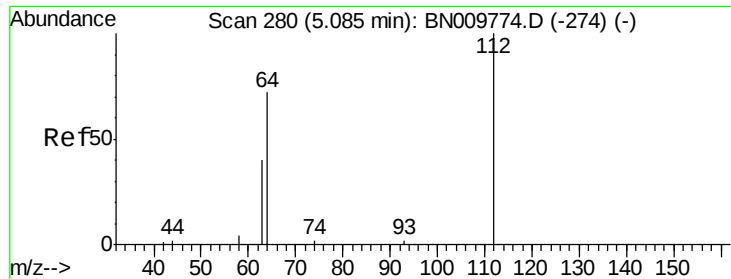


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.329 ng

RT: 5.05 min Scan# 276

Delta R.T. -0.03 min

Lab File: BN010177.D

Acq: 11 Mar 2020 05:43

Instrument :

BNA_N

ClientSampleId :

PB127415BL

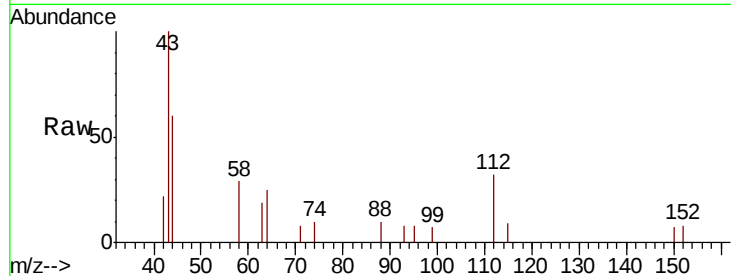
Tot Ion: 112 Resp: 659

Ion Ratio Lower Upper

112 100

64 78.6 65.8 98.6

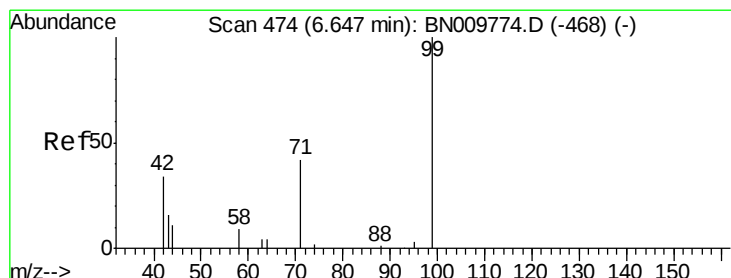
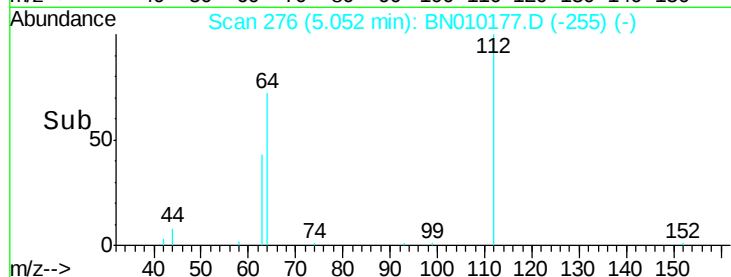
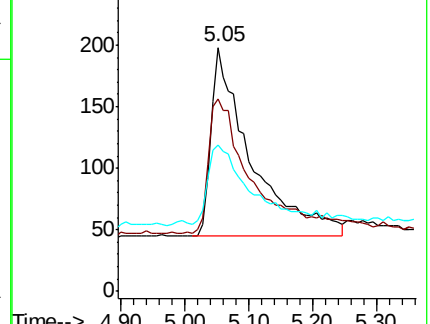
63 45.7 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.159 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.10 min

Lab File: BN010177.D

Acq: 11 Mar 2020 05:43

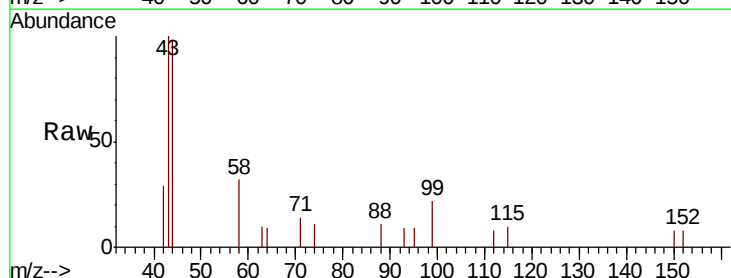
Tgt Ion: 99 Resp: 387

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

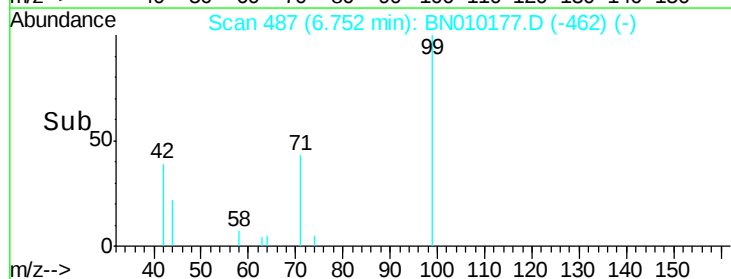
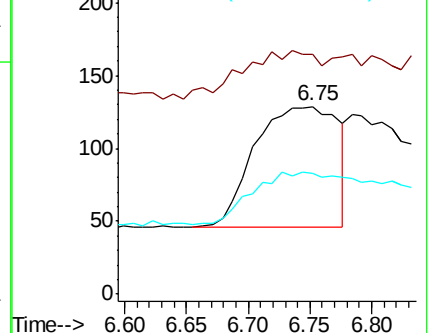
71 0.0 34.9 52.3#

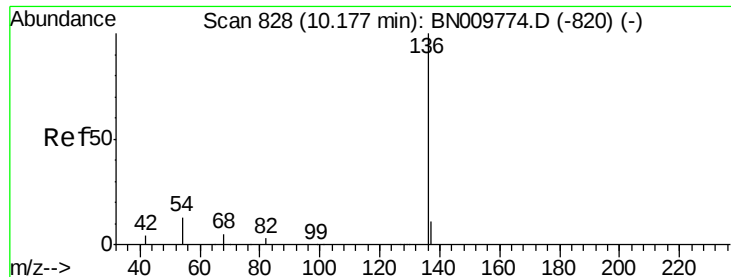


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 831

Delta R.T. 0.04 min

Lab File: BN010177.D

Acq: 11 Mar 2020 05:43

Instrument :

BNA_N

ClientSampleId :

PB127415BL

Tot Ion:136 Resp: 1819

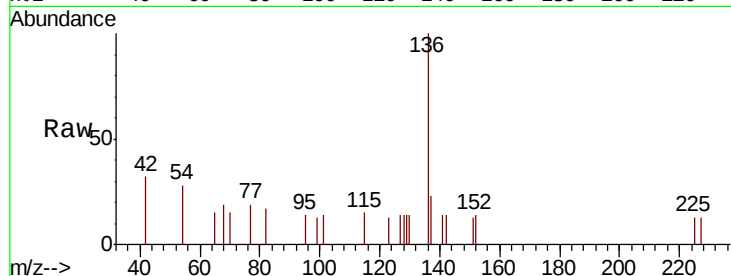
Ion Ratio Lower Upper

136 100

137 23.1 11.3 16.9#

54 27.7 13.4 20.2#

68 18.8 7.0 10.4#

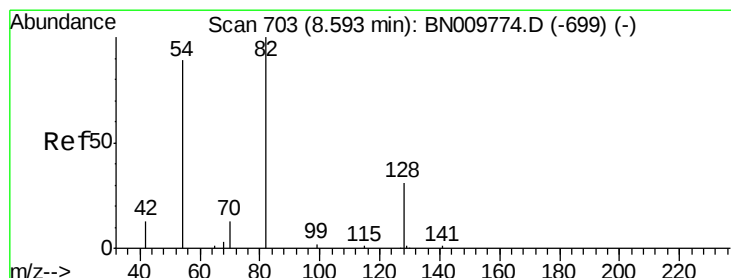
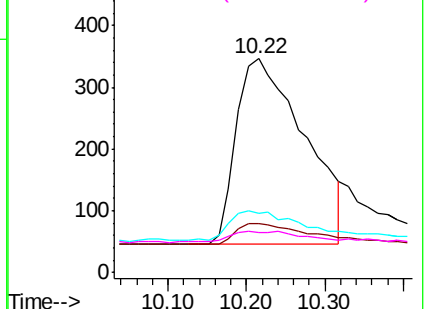
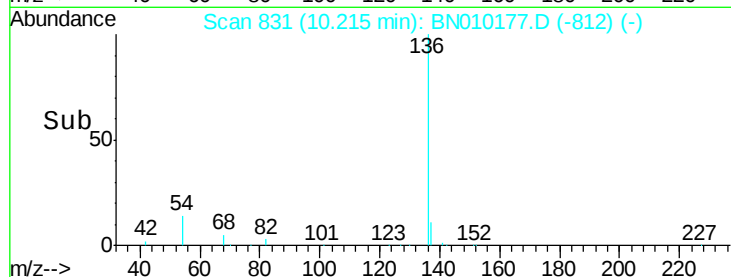


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.275 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.11 min

Lab File: BN010177.D

Acq: 11 Mar 2020 05:43

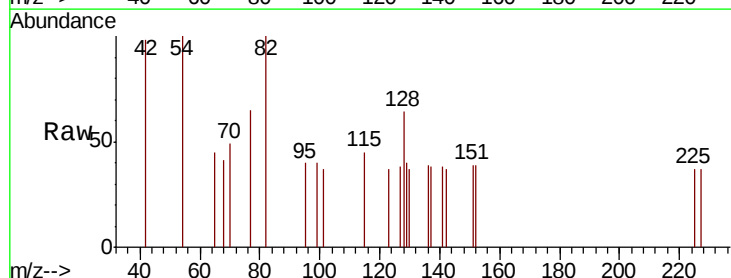
Tgt Ion: 82 Resp: 417

Ion Ratio Lower Upper

82 100

128 64.5 32.5 48.7#

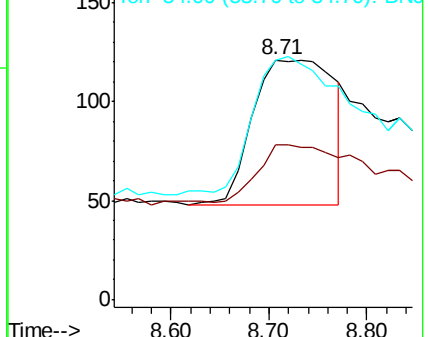
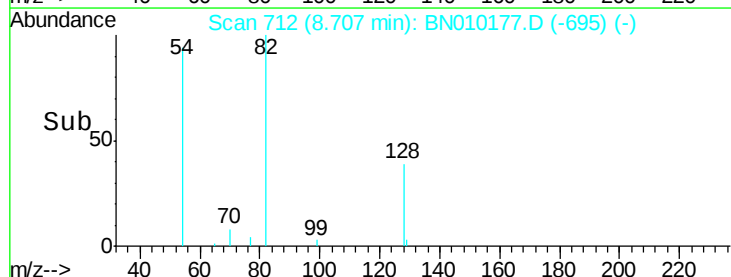
54 100.0 73.5 110.3

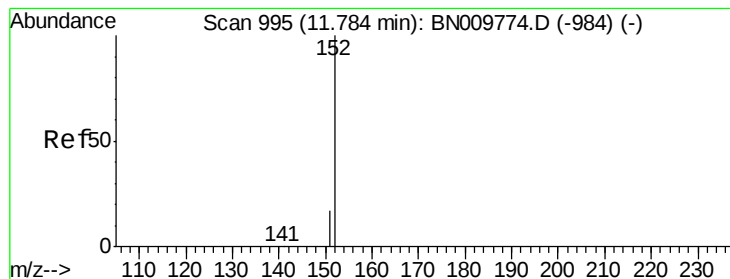


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 11.82 min Scan# 1003

Delta R.T. 0.04 min

Lab File: BN010177.D

Acq: 11 Mar 2020 05:43

Instrument :

BNA_N

ClientSampleId :

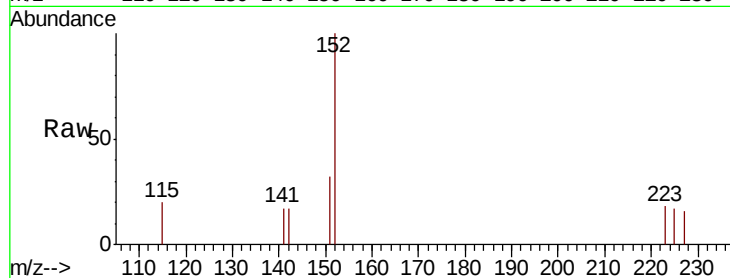
PB127415BL

Tot Ion:152 Resp: 1173

Ion Ratio Lower Upper

152 100

151 16.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.82

250

200

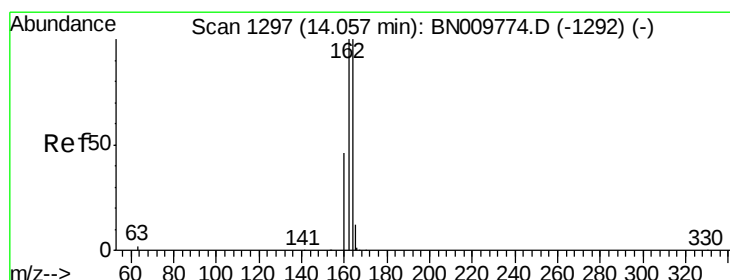
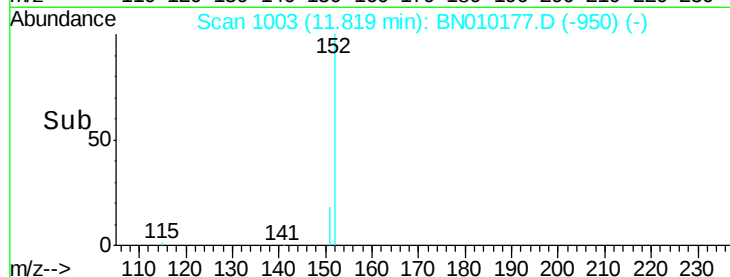
150

100

50

0

Time--> 11.70 11.80 11.90 12.00



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN010177.D

Acq: 11 Mar 2020 05:43

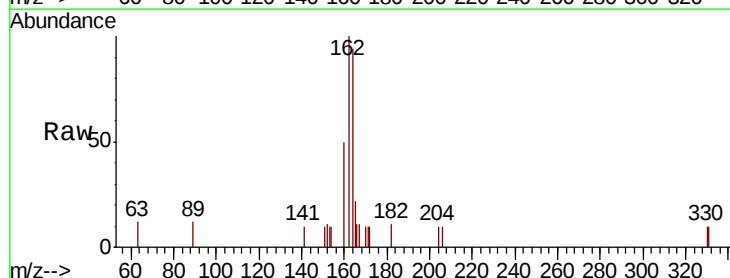
Tgt Ion:164 Resp: 1305

Ion Ratio Lower Upper

164 100

162 106.4 79.9 119.9

160 53.4 38.2 57.2



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

14.04

400

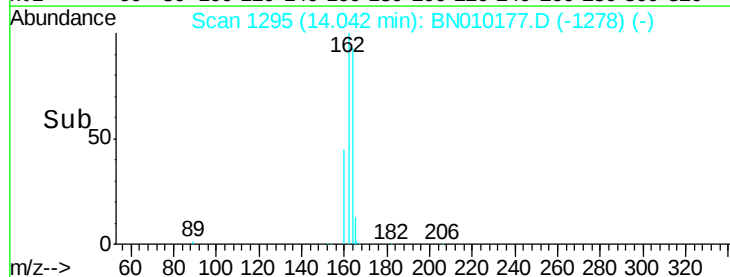
300

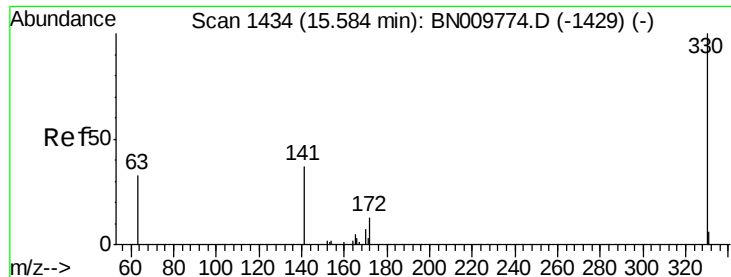
200

100

0

Time--> 14.00 14.20

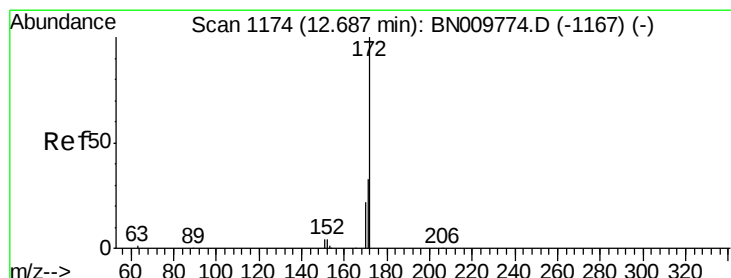
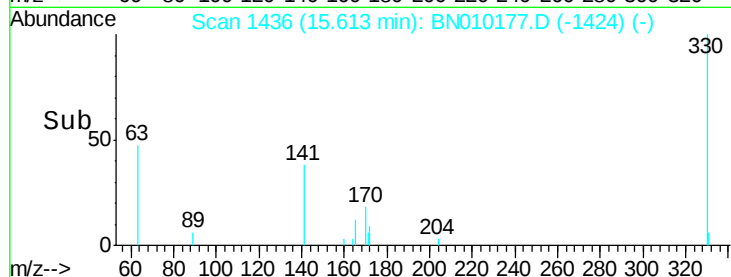
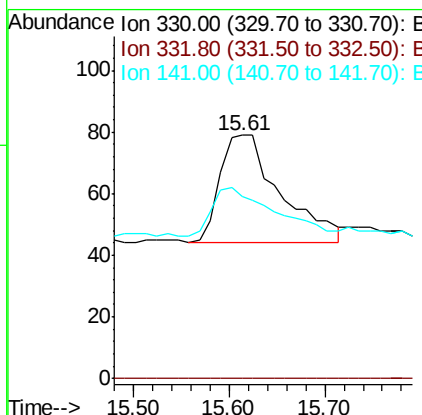
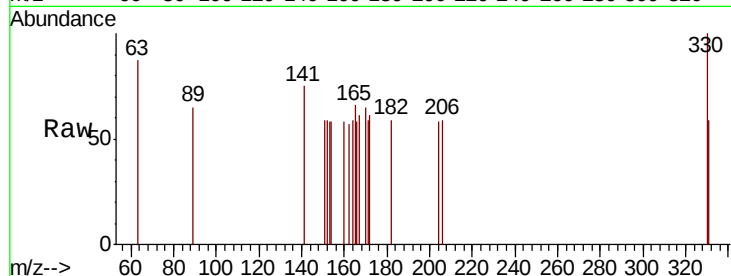




#14
 2,4,6-Tribromophenol
 Concen: 0.306 ng
 RT: 15.61 min Scan# 1436
 Delta R.T. 0.03 min
 Lab File: BN010177.D
 Acq: 11 Mar 2020 05:43

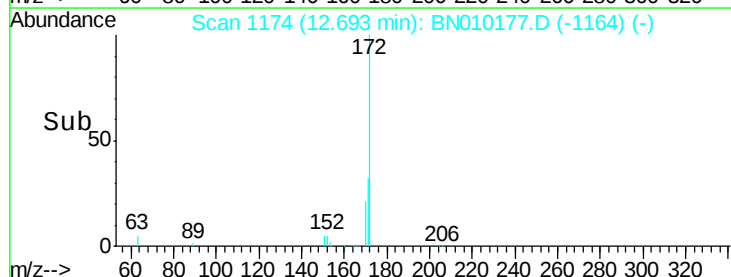
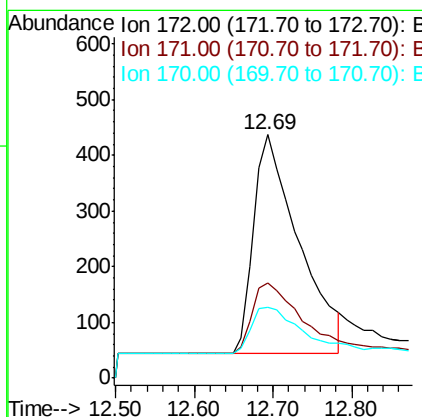
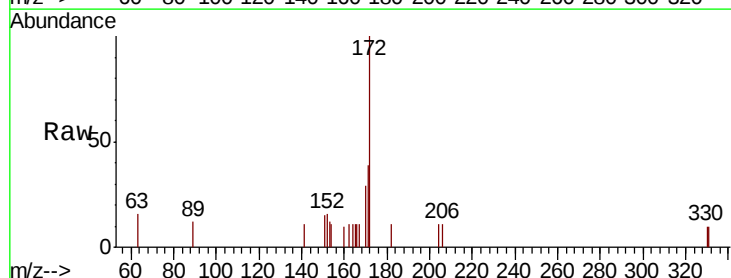
Instrument :
 BNA_N
 ClientSampleId :
 PB127415BL

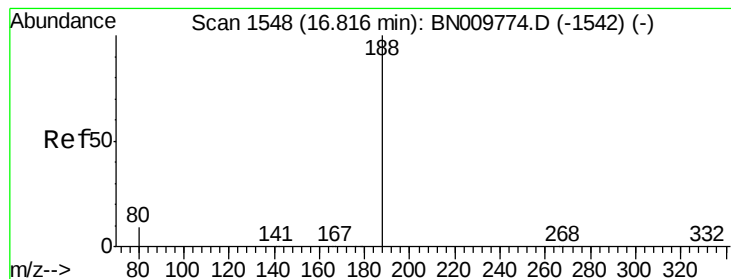
Tot Ion:330 Resp: 154
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 48.1 36.8 55.2



#15
 2-Fluorobiphenyl
 Concen: 0.317 ng
 RT: 12.69 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BN010177.D
 Acq: 11 Mar 2020 05:43

Tgt Ion:172 Resp: 1561
 Ion Ratio Lower Upper
 172 100
 171 38.9 28.7 43.1
 170 29.3 20.1 30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.83 min Scan# 1549

Delta R.T. 0.02 min

Lab File: BN010177.D

Acq: 11 Mar 2020 05:43

Instrument :

BNA_N

ClientSampleId :

PB127415BL

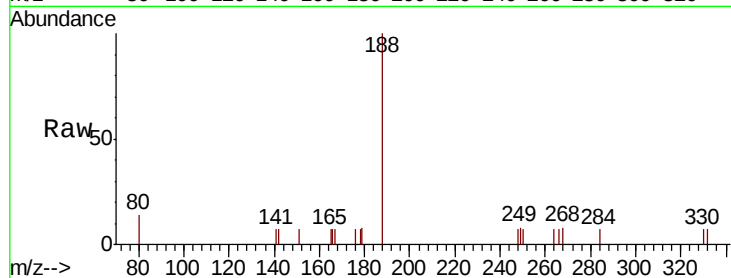
Tot Ion:188 Resp: 2551

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

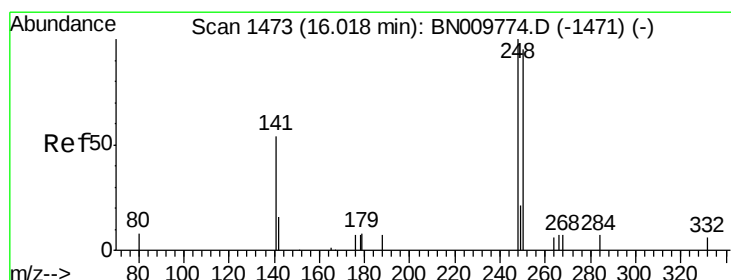
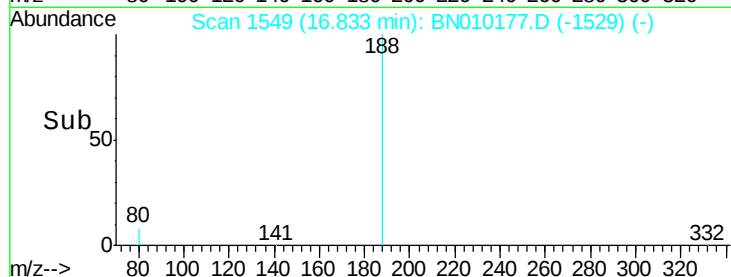
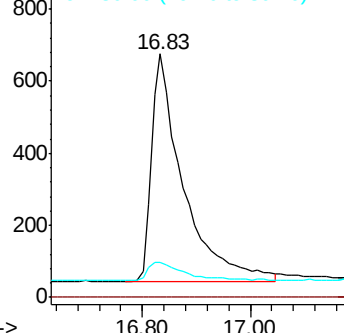
80 14.2 8.3 12.5#



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



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BN010177.D

Acq: 11 Mar 2020 05:43

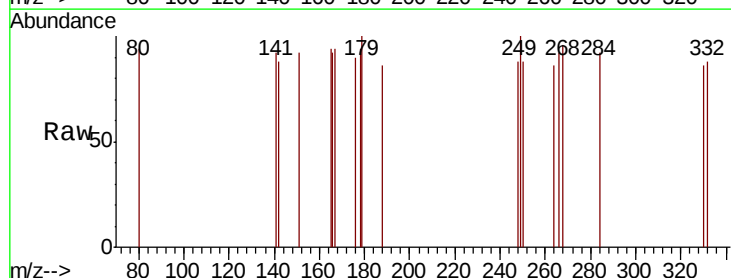
Tgt Ion:248 Resp: 86

Ion Ratio Lower Upper

248 100

250 100.0 76.2 114.4

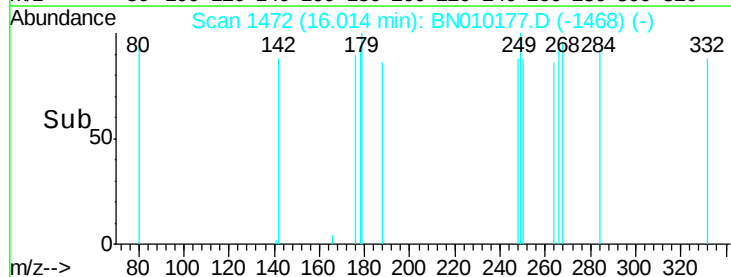
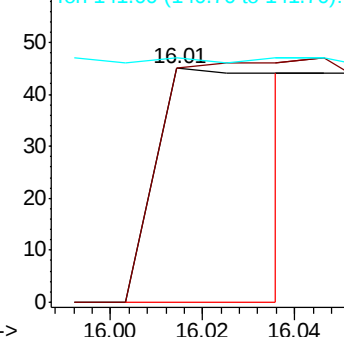
141 104.4 57.8 86.6#

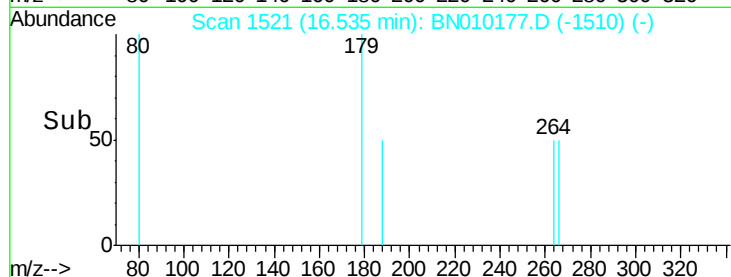
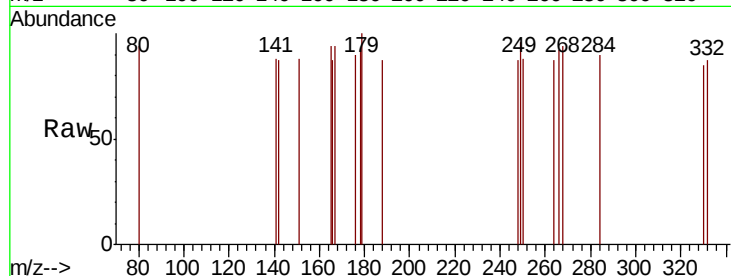
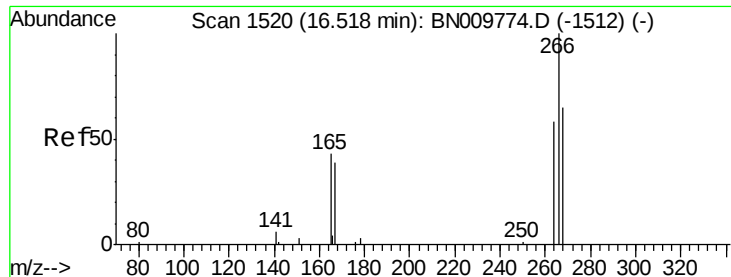


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

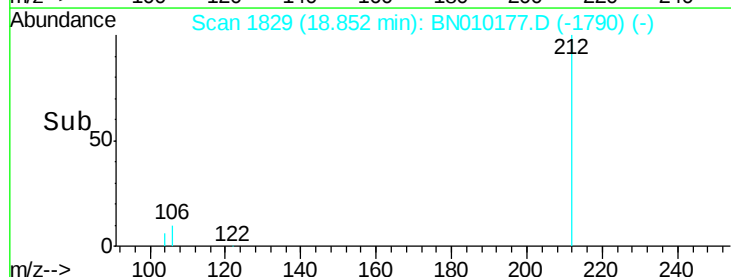
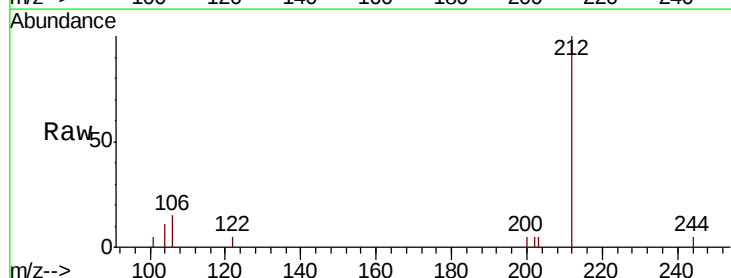
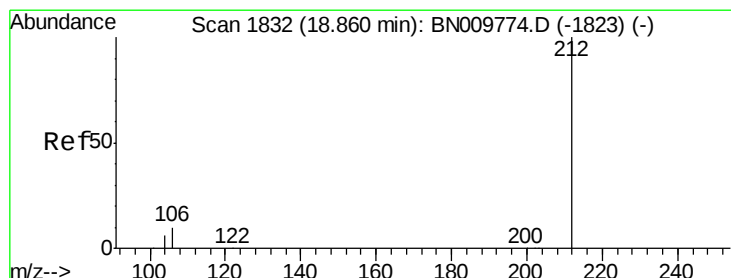
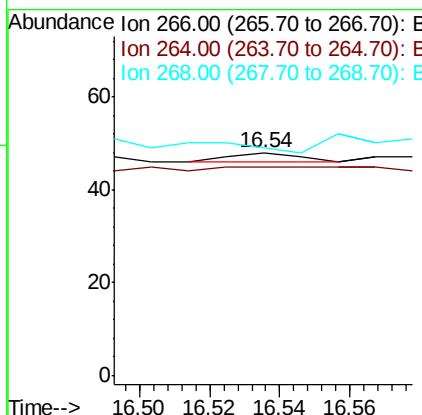




#22
 Pentachlorophenol
 Concen: 0.184 ng
 RT: 16.54 min Scan# 1521
 Delta R.T. 0.02 min
 Lab File: BN010177.D
 Acq: 11 Mar 2020 05:43

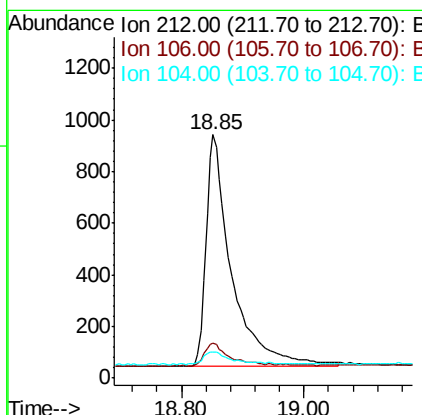
Instrument :
 BNA_N
 ClientSampleId :
 PB127415BL

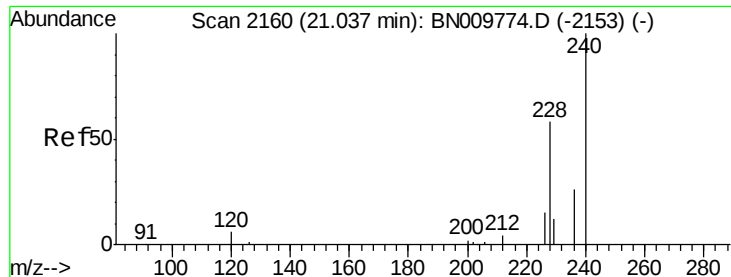
Tot Ion	Ratio	Lower	Upper
266	100		
264	93.8	58.1	87.1#
268	102.1	65.7	98.5#



#25
 Fluoranthene-d10
 Concen: 0.297 ng
 RT: 18.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BN010177.D
 Acq: 11 Mar 2020 05:43

Tgt Ion	Ratio	Lower	Upper
212	100		
106	9.3	8.4	12.6
104	5.7	4.8	7.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BN010177.D

Acq: 11 Mar 2020 05:43

Instrument :

BNA_N

ClientSampleId :

PB127415BL

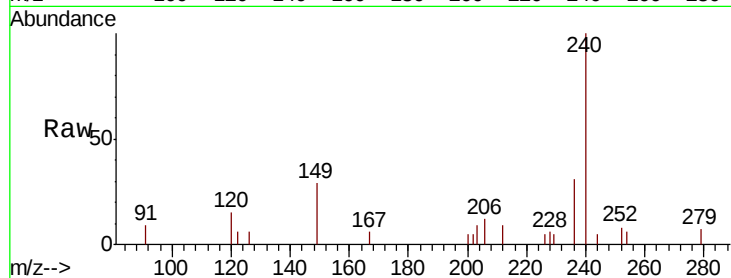
Tot Ion:240 Resp: 2483

Ion Ratio Lower Upper

240 100

120 15.2 7.9 11.9#

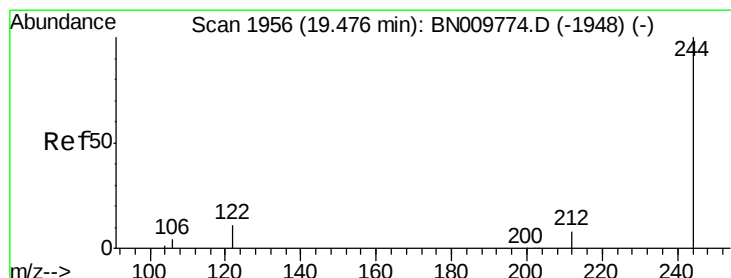
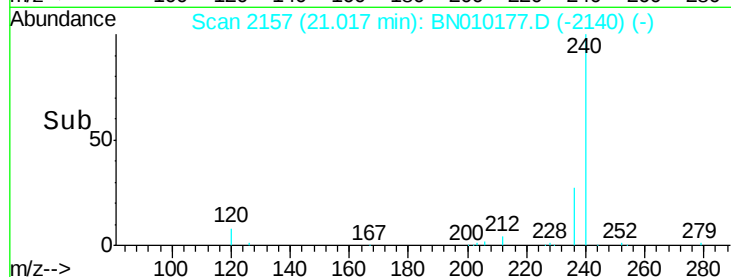
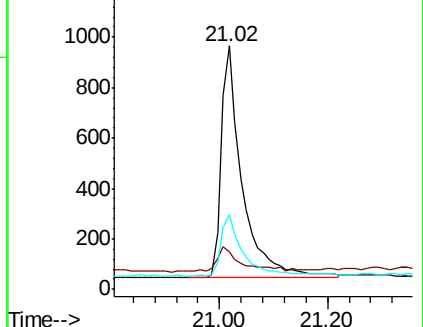
236 30.7 22.0 33.0



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: 0.366 ng

RT: 19.45 min Scan# 1949

Delta R.T. -0.03 min

Lab File: BN010177.D

Acq: 11 Mar 2020 05:43

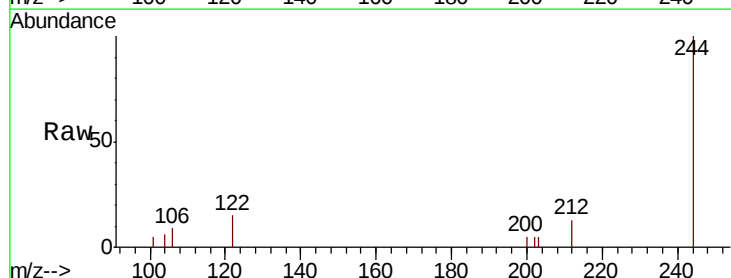
Tgt Ion:244 Resp: 2171

Ion Ratio Lower Upper

244 100

212 13.0 8.0 12.0#

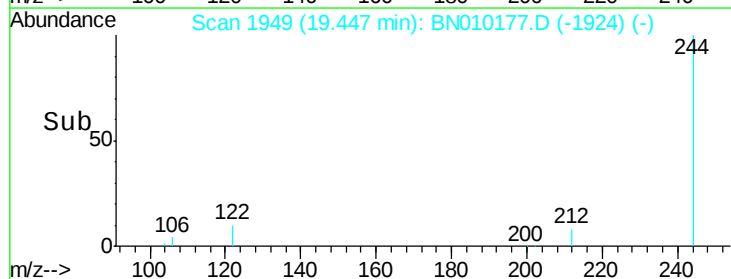
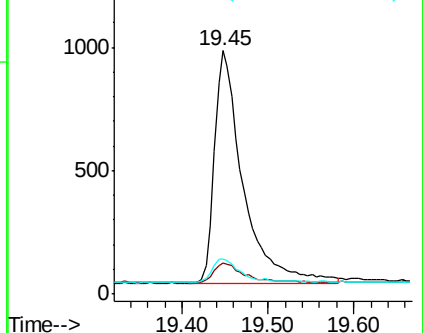
122 14.6 10.0 15.0

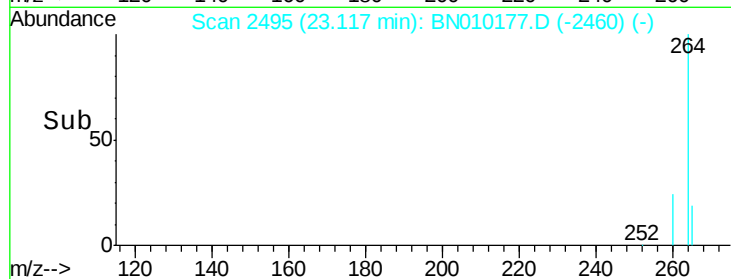
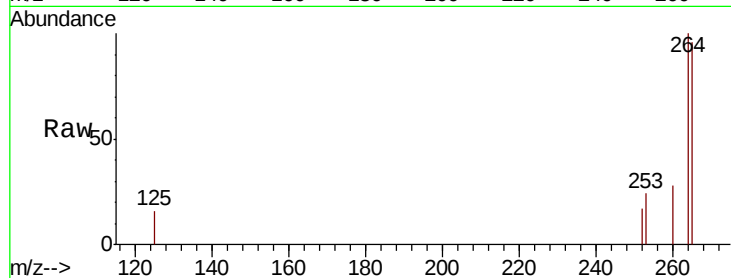
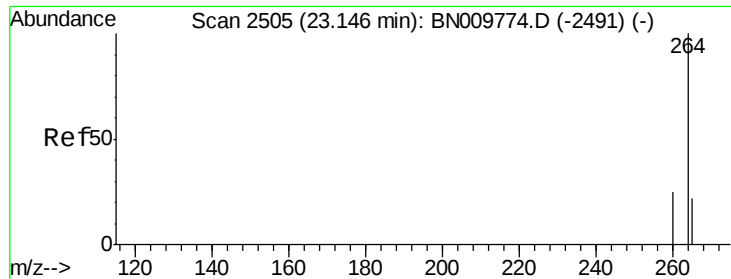


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.12 min Scan# 2495

Delta R.T. -0.03 min

Lab File: BN010177.D

Acq: 11 Mar 2020 05:43

Instrument :

BNA_N

ClientSampleId :

PB127415BL

Tot Ion:264 Resp: 2501

Ion Ratio Lower Upper

264 100

260 27.7 21.1 31.7

265 95.5 57.5 86.3#

