

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112319\
 Data File : BN008735.D
 Acq On : 23 Nov 2019 18:47
 Operator : JU
 Sample : K5987-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 11:47:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 25 10:49:40 2019
 Response via : Initial Calibration

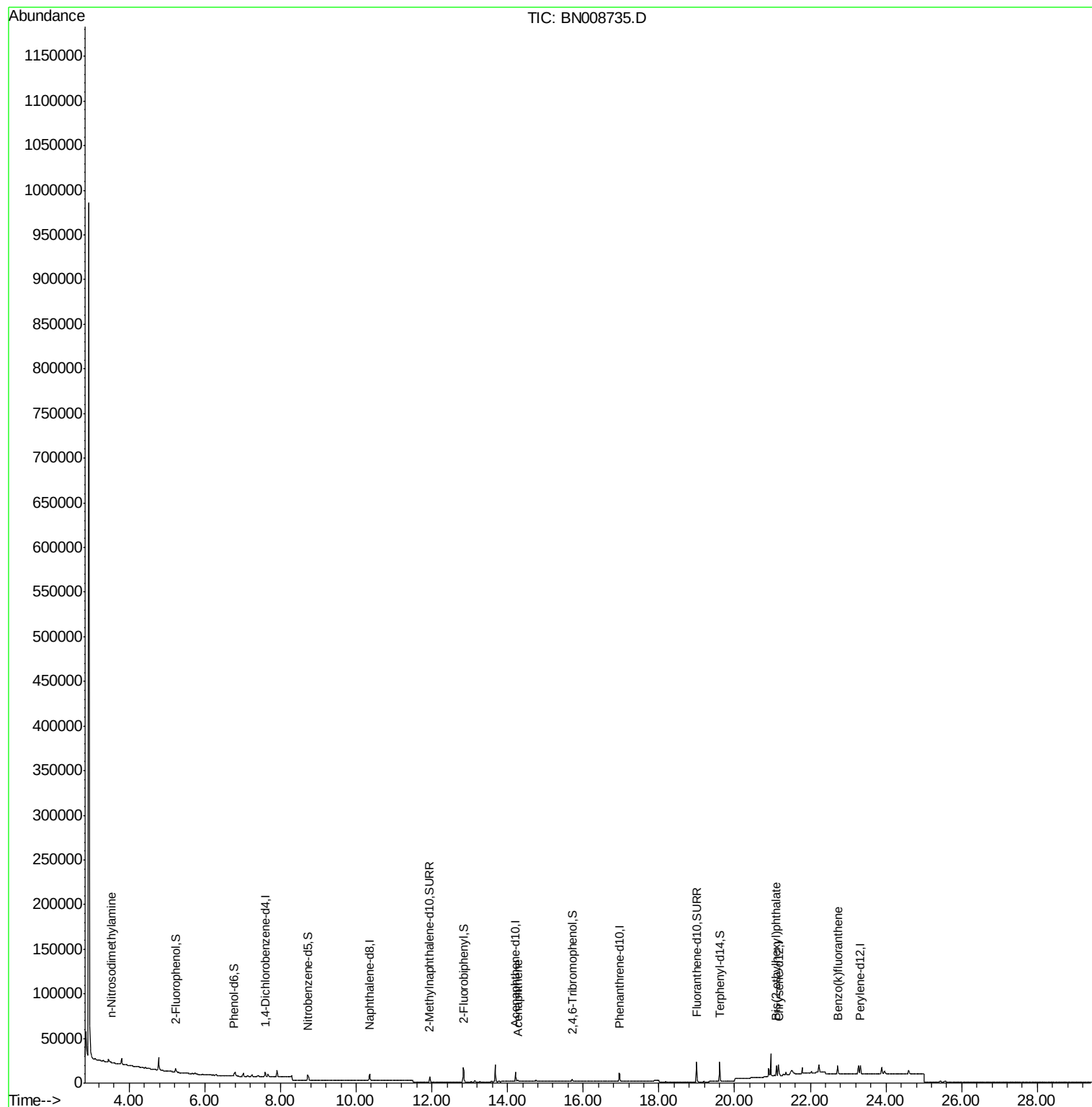
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2663	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	9635	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	6018	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	12701	0.40	ng	-0.01
27) Chrysene-d12	21.16	240	12429	0.40	ng	0.00
34) Perylene-d12	23.32	264	12698	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2814	0.40	ng	0.00
5) Phenol-d6	6.78	99	2876	0.33	ng	0.00
8) Nitrobenzene-d5	8.72	82	5101	0.59	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	8575	0.56	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2082	0.74	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	13990	0.59	ng	-0.01
25) Fluoranthene-d10	19.00	212	25560	0.68	ng	0.00
29) Terphenyl-d14	19.60	244	21094	0.71	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.53	42	102	0.029	ng	# 11
17) Acenaphthene	14.28	154	550	0.030	ng	# 53
32) Bis(2-ethylhexyl)phthalate	21.10	149	11085	0.375	ng	100
36) Benzo(k)fluoranthene	22.72	252	1118	0.025	ng	# 1

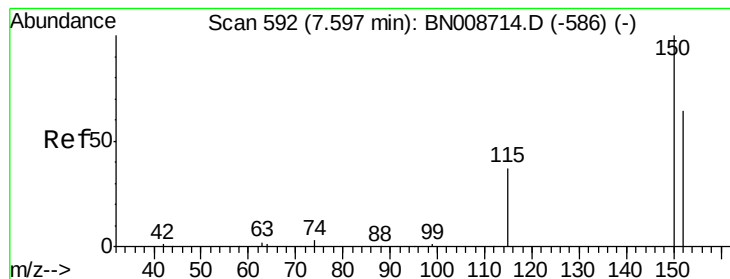
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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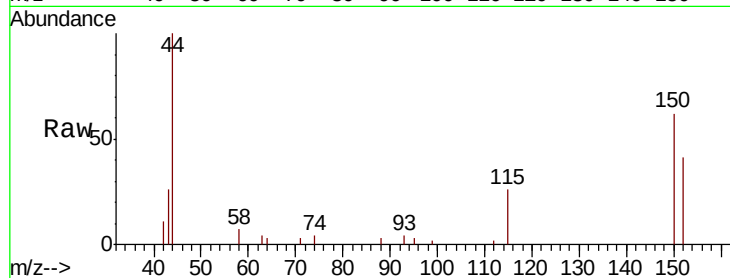


#1

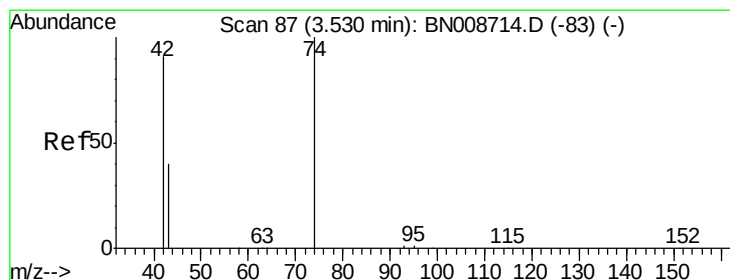
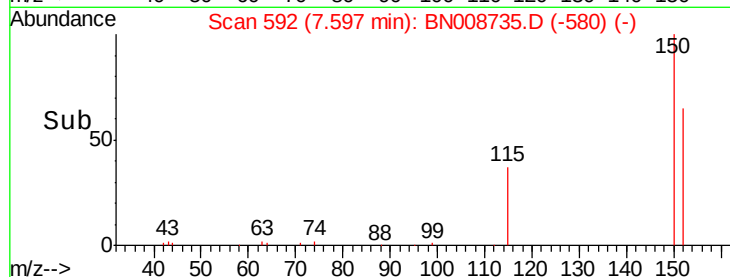
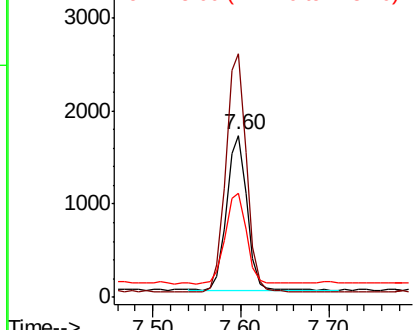
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008735.D
Acq: 23 Nov 2019 18:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2663
Ion Ratio Lower Upper
152 100
150 150.0 124.0 186.0
115 63.9 49.8 74.8



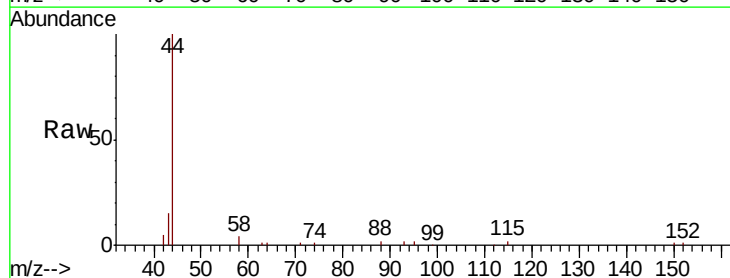
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



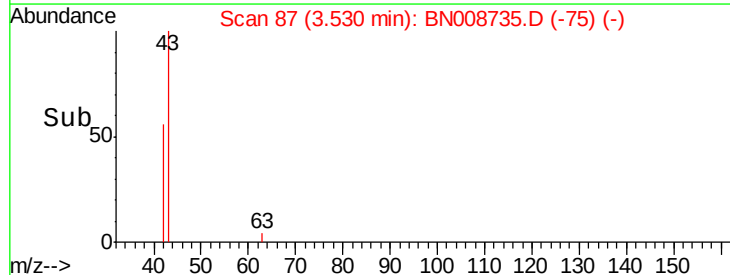
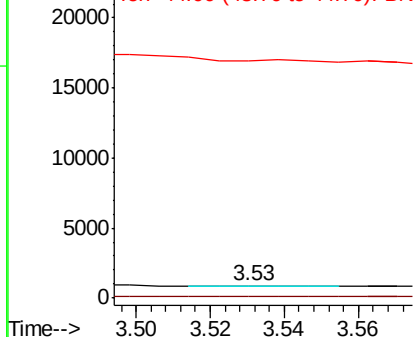
#3

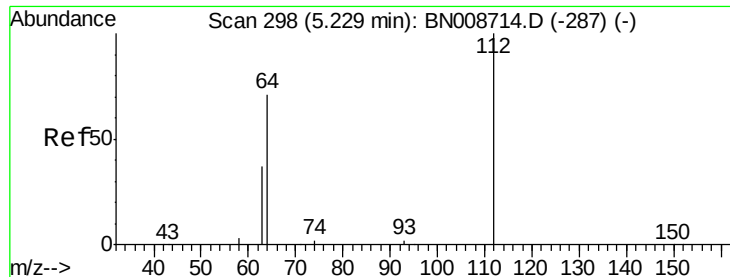
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.53 min Scan# 87
Delta R.T. 0.00 min
Lab File: BN008735.D
Acq: 23 Nov 2019 18:47

Tgt Ion: 42 Resp: 102
Ion Ratio Lower Upper
42 100
74 15.7 88.0 132.0#
44 0.0 0.0 0.0



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: 0.403 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN008735.D

Acq: 23 Nov 2019 18:47

Instrument :

BNA_N

ClientSampleId :

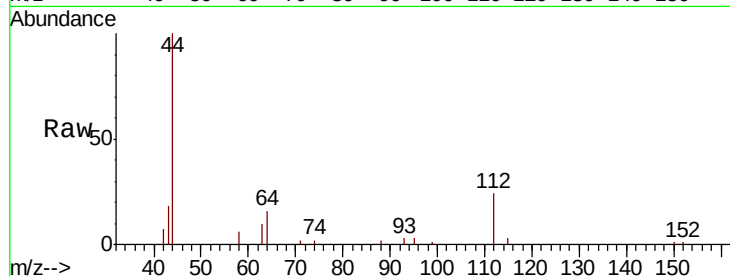
Tot Ion: 112 Resp: 2814

Ion Ratio Lower Upper

112 100

64 67.0 57.1 85.7

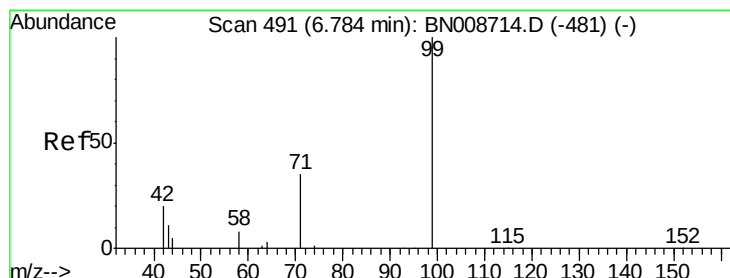
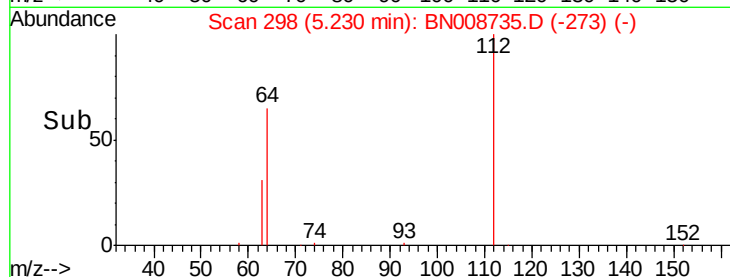
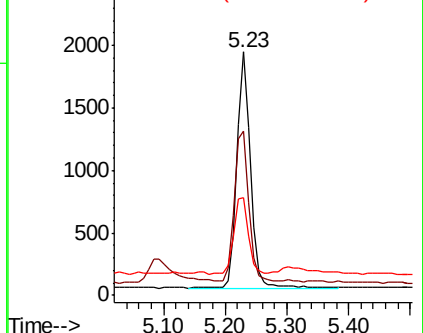
63 34.0 29.7 44.5



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: 0.326 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN008735.D

Acq: 23 Nov 2019 18:47

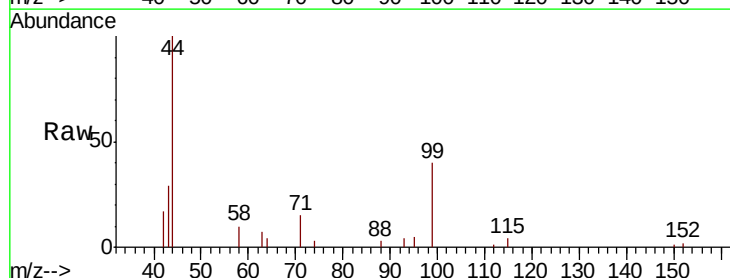
Tgt Ion: 99 Resp: 2876

Ion Ratio Lower Upper

99 100

42 33.9 19.4 29.2#

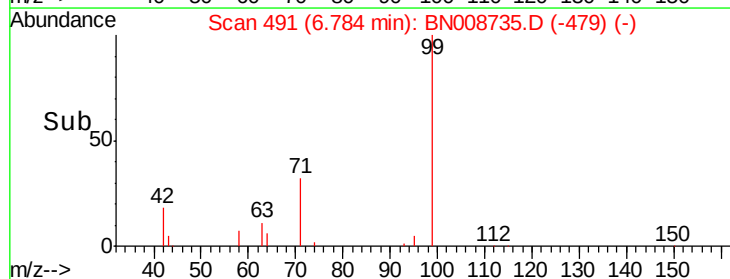
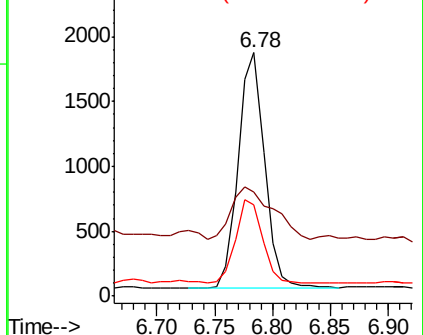
71 35.4 27.5 41.3

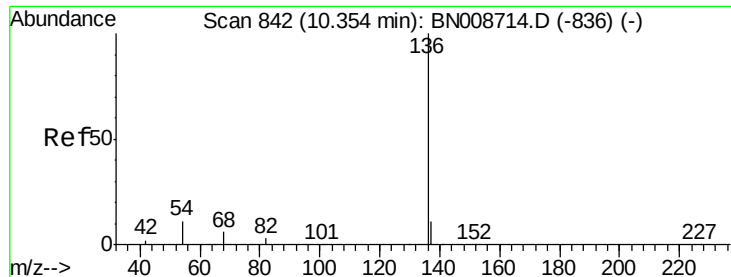


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008735.D

Acq: 23 Nov 2019 18:47

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 9635

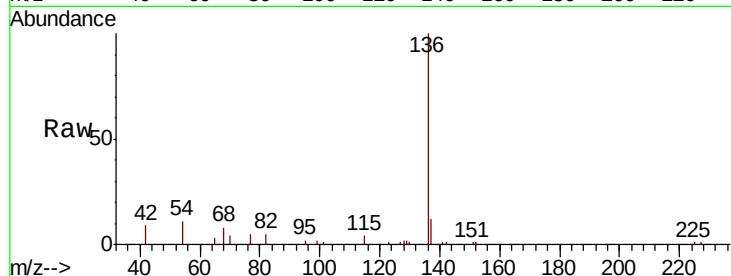
Ion Ratio Lower Upper

136 100

137 12.1 9.3 13.9

54 11.4 9.4 14.2

68 7.6 5.8 8.6

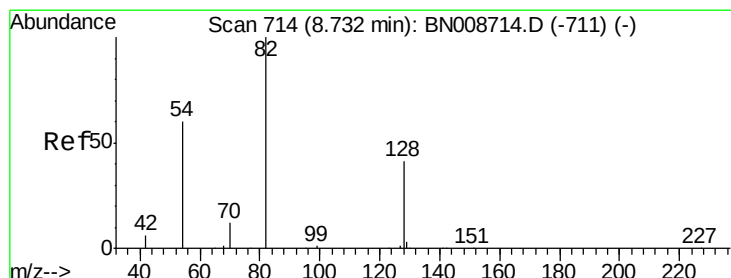
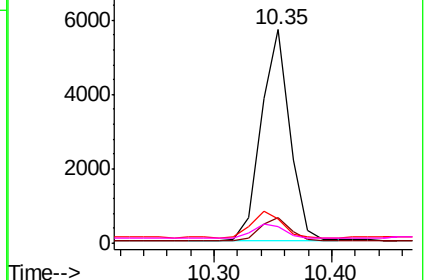
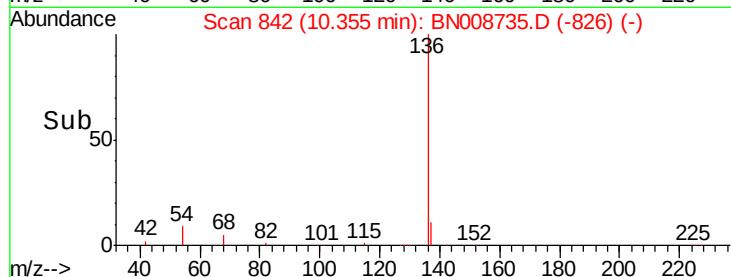


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.589 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008735.D

Acq: 23 Nov 2019 18:47

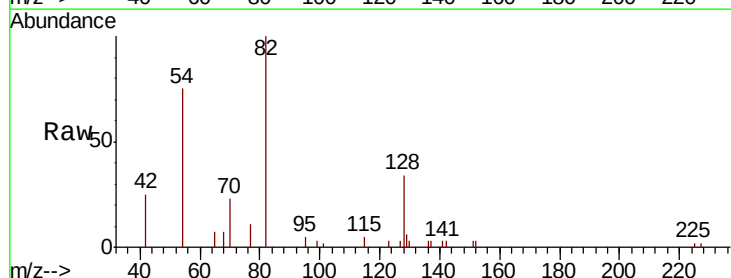
Tgt Ion: 82 Resp: 5101

Ion Ratio Lower Upper

82 100

128 34.2 34.6 52.0#

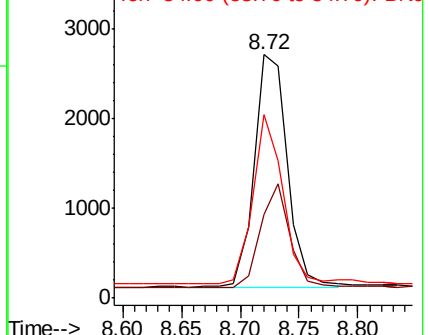
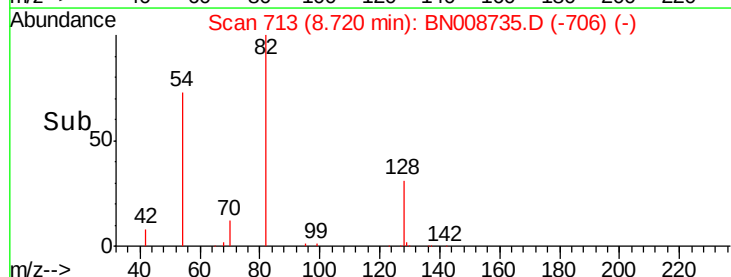
54 75.1 50.2 75.4

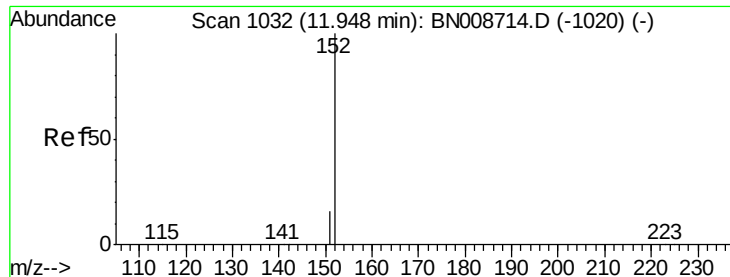


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

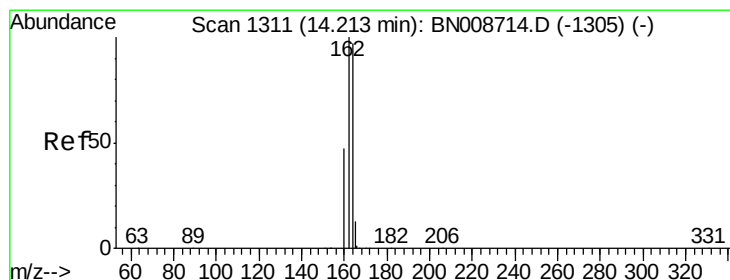
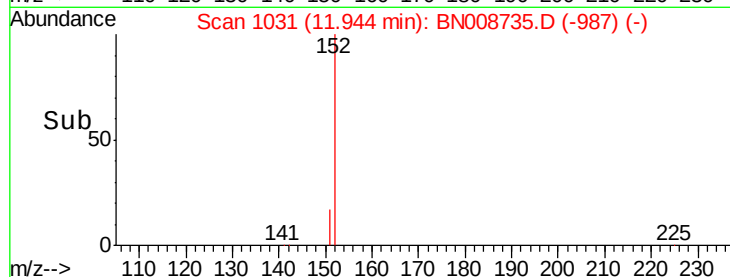
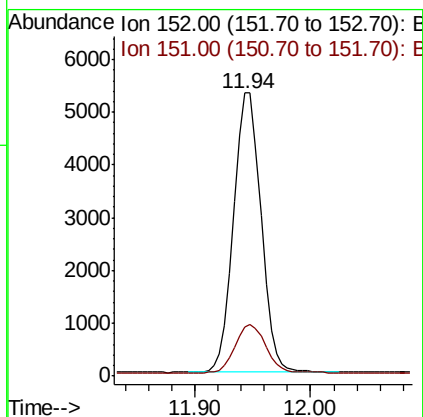
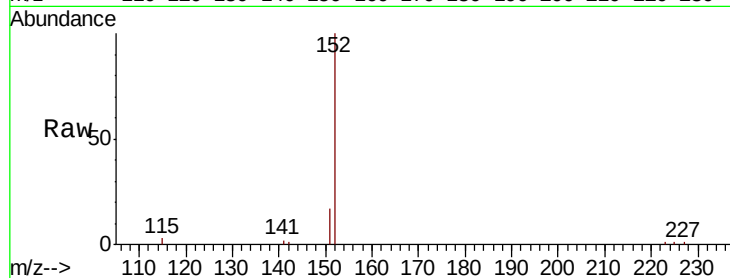




#11
2-Methylnaphthalene-d10
Concen: 0.564 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BN008735.D
Acq: 23 Nov 2019 18:47

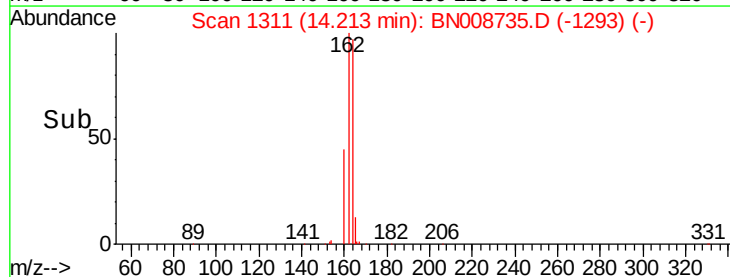
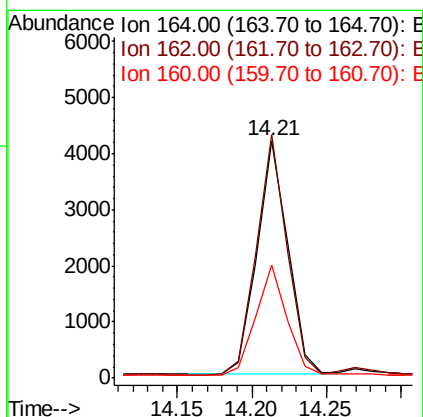
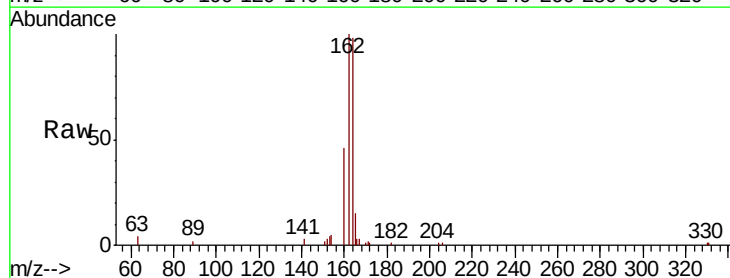
Instrument :
BNA_N
ClientSampleId :

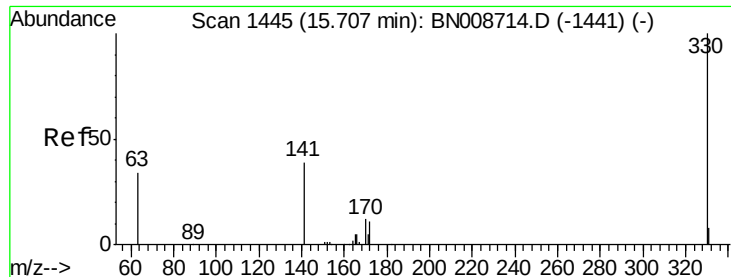
Tot Ion:152 Resp: 8575
Ion Ratio Lower Upper
152 100
151 19.5 15.2 22.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008735.D
Acq: 23 Nov 2019 18:47

Tgt Ion:164 Resp: 6018
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.4
160 47.3 38.7 58.1

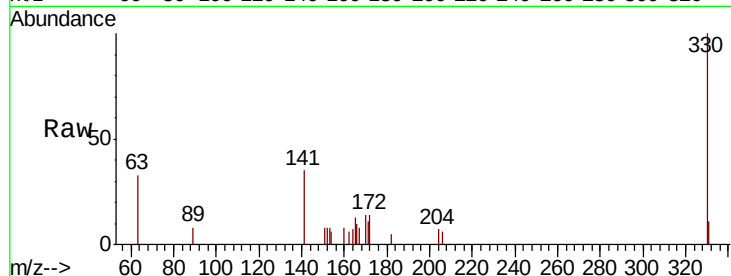




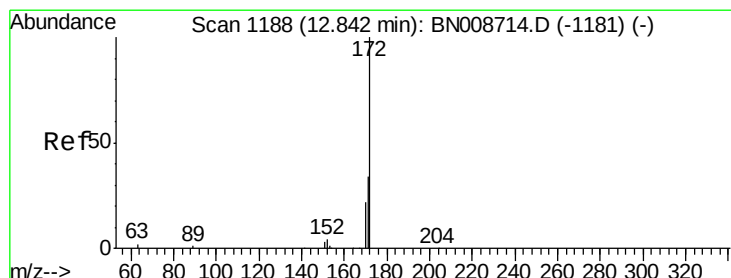
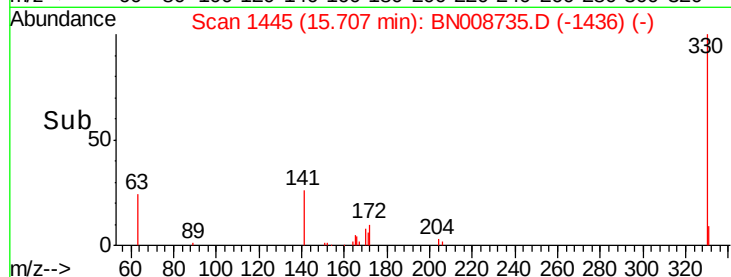
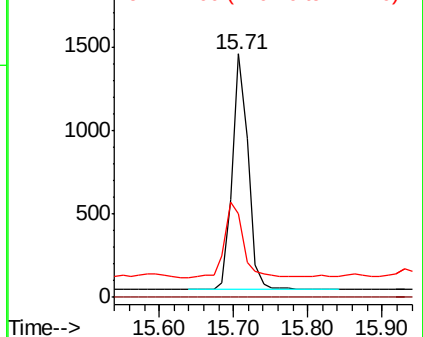
#14
2,4,6-Tribromophenol
Concen: 0.744 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN008735.D
Acq: 23 Nov 2019 18:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:330 Resp: 2082
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.6 29.5 44.3

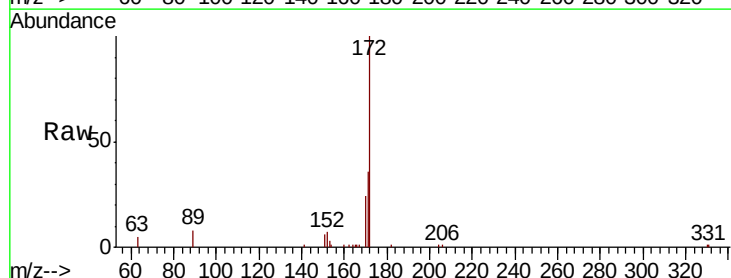


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

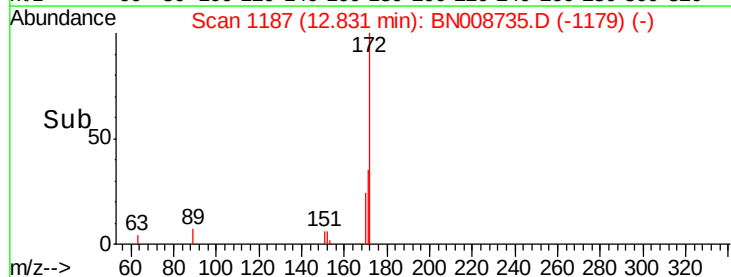
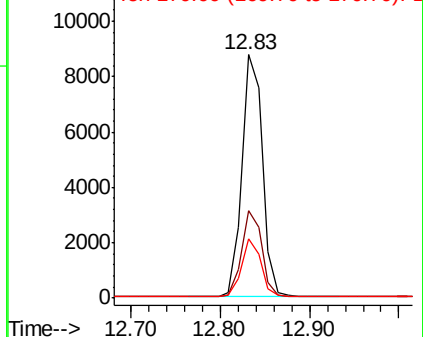


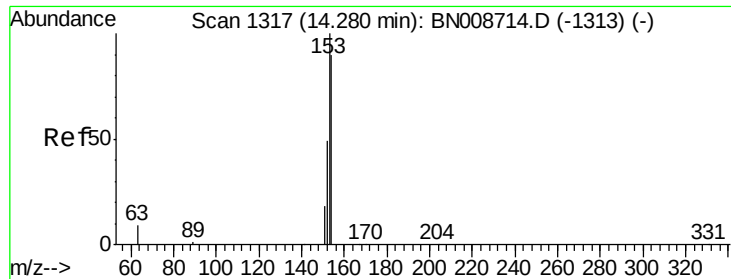
#15
2-Fluorobiphenyl
Concen: 0.595 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008735.D
Acq: 23 Nov 2019 18:47

Tgt Ion:172 Resp: 13990
Ion Ratio Lower Upper
172 100
171 35.8 27.3 40.9
170 24.2 17.8 26.6



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





#17

Acenaphthene

Concen: 0.030 ng

RT: 14.28 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BN008735.D

Acq: 23 Nov 2019 18:47

Instrument :

BNA_N

ClientSampleId :

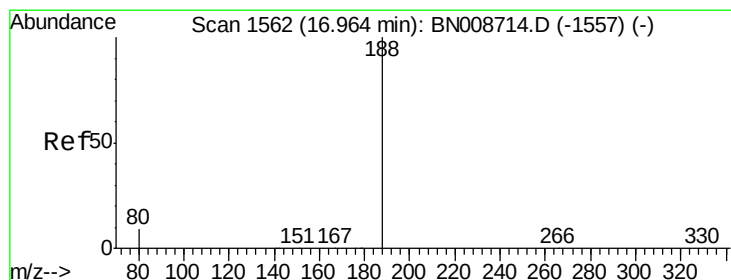
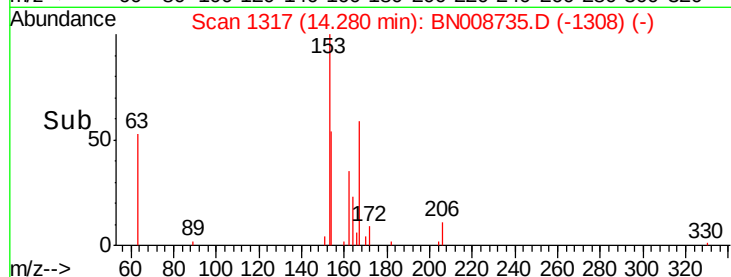
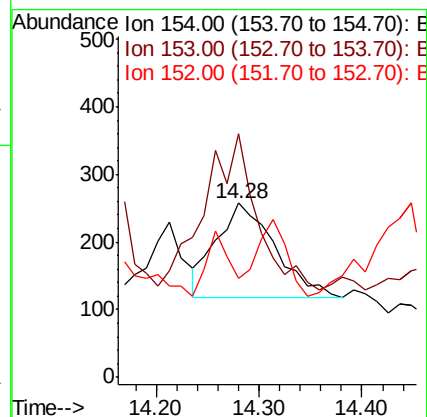
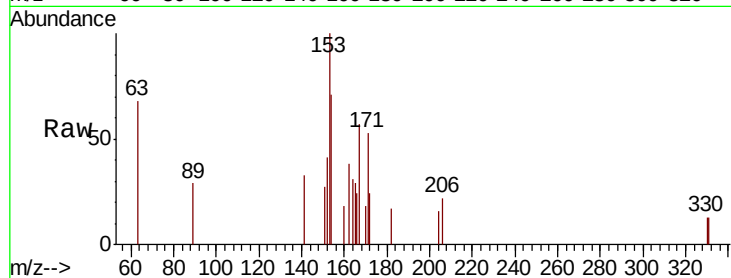
Tot Ion:154 Resp: 550

Ion Ratio Lower Upper

154 100

153 146.7 89.6 134.4#

152 0.0 44.7 67.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN008735.D

Acq: 23 Nov 2019 18:47

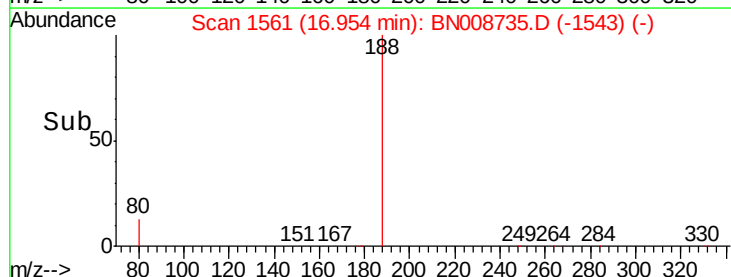
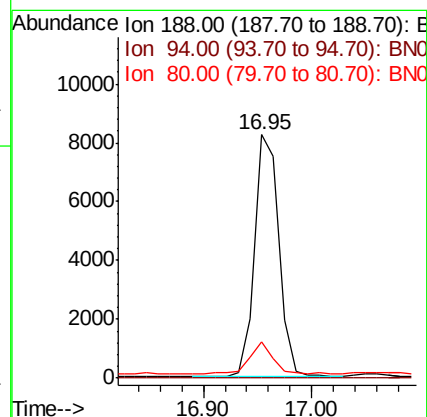
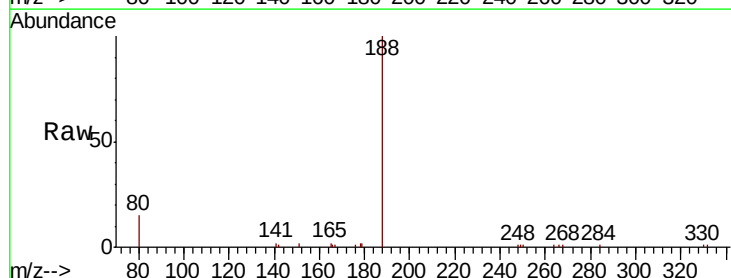
Tgt Ion:188 Resp: 12701

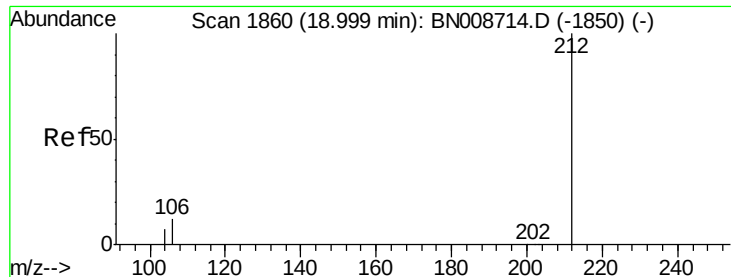
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.1 7.4 11.0#





#25

Fluoranthene-d10

Concen: 0.685 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008735.D

Acq: 23 Nov 2019 18:47

Instrument :

BNA_N

ClientSampleId :

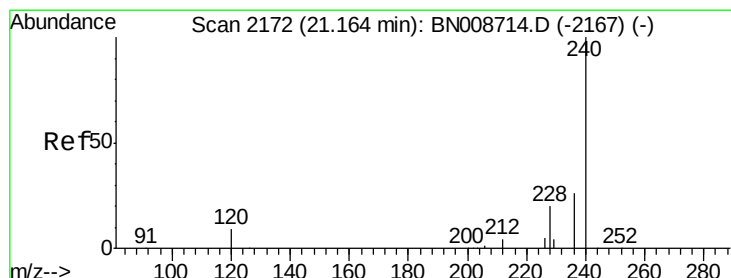
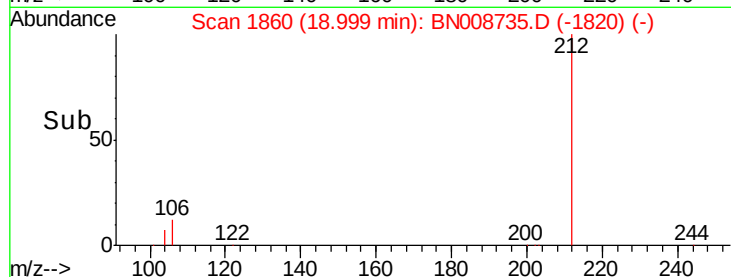
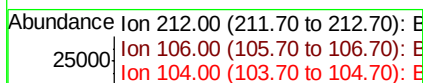
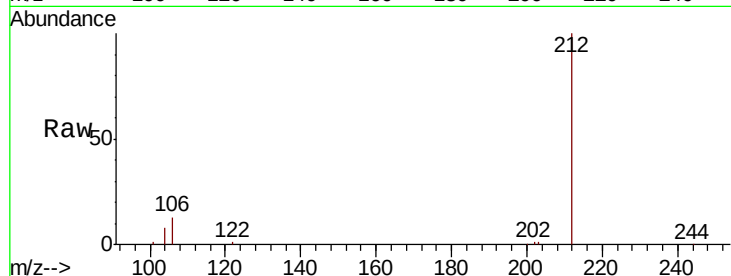
Tot Ion:212 Resp: 25560

Ion Ratio Lower Upper

212 100

106 13.4 10.6 15.8

104 7.8 6.0 9.0



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN008735.D

Acq: 23 Nov 2019 18:47

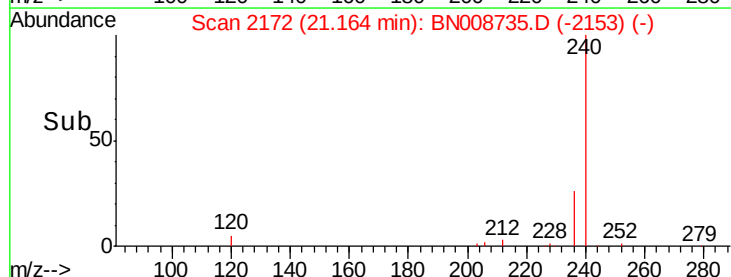
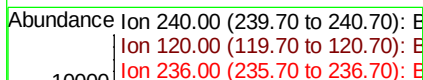
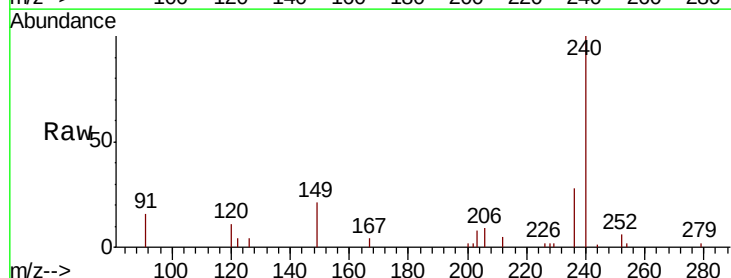
Tgt Ion:240 Resp: 12429

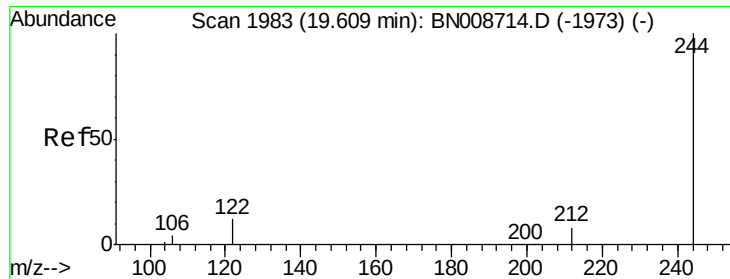
Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

236 27.5 21.8 32.6





#29

Terphenyl-d14

Concen: 0.705 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN008735.D

Acq: 23 Nov 2019 18:47

Instrument :

BNA_N

ClientSampleId :

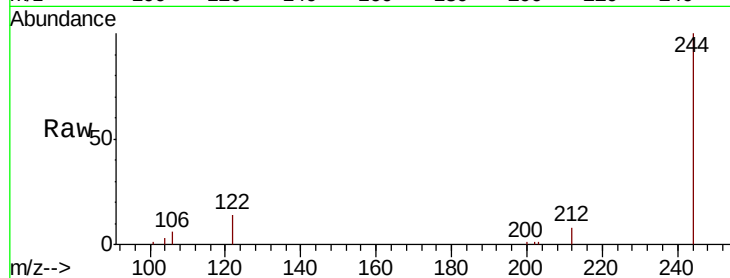
Tot Ion:244 Resp: 21094

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

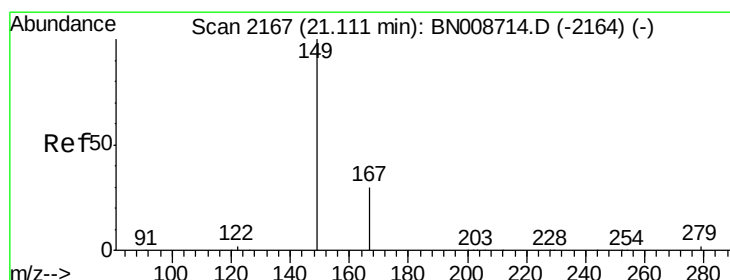
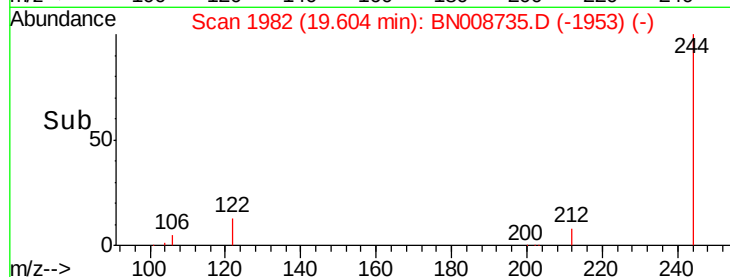
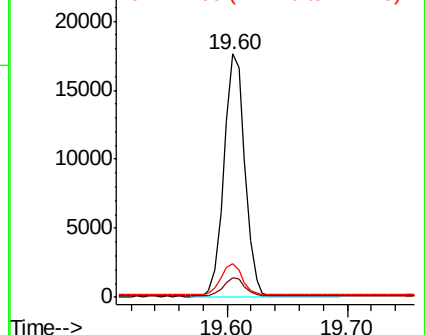
122 14.0 10.1 15.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.375 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN008735.D

Acq: 23 Nov 2019 18:47

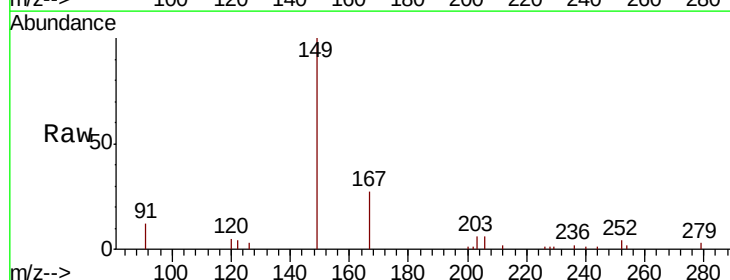
Tgt Ion:149 Resp: 11085

Ion Ratio Lower Upper

149 100

167 29.2 23.5 35.3

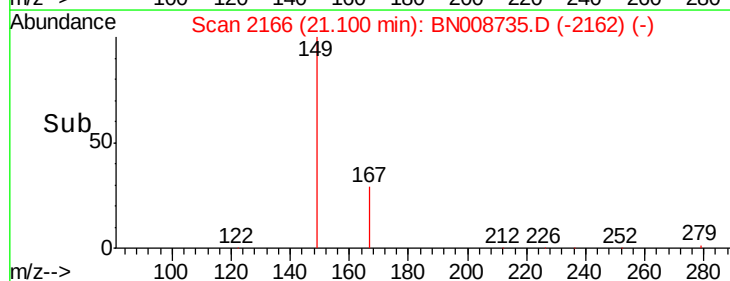
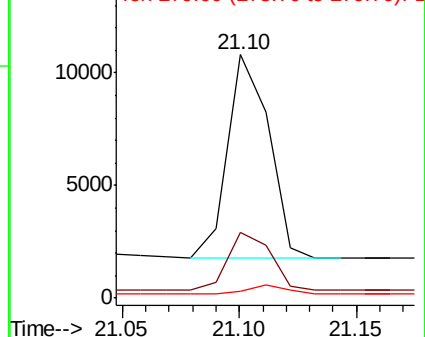
279 4.3 3.4 5.0

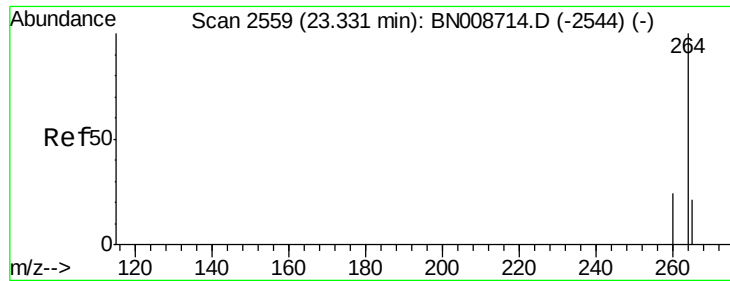


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

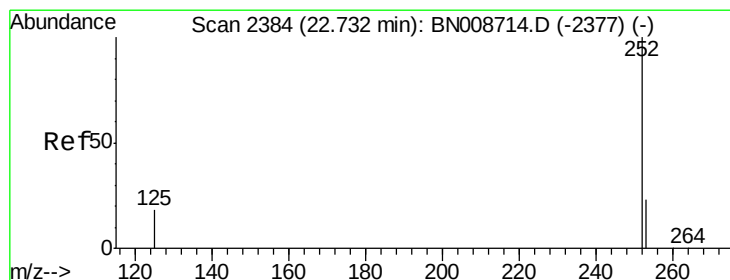
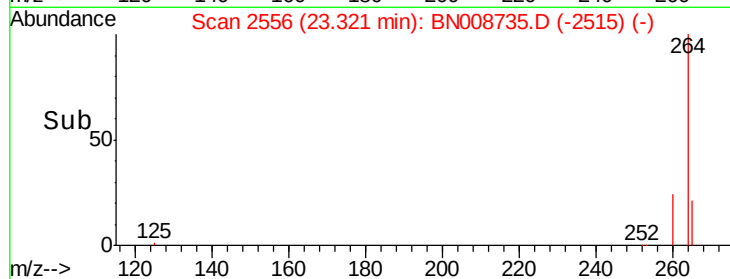
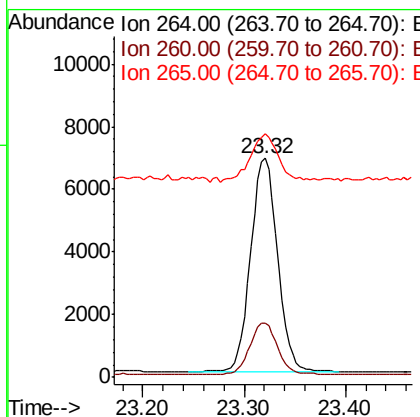
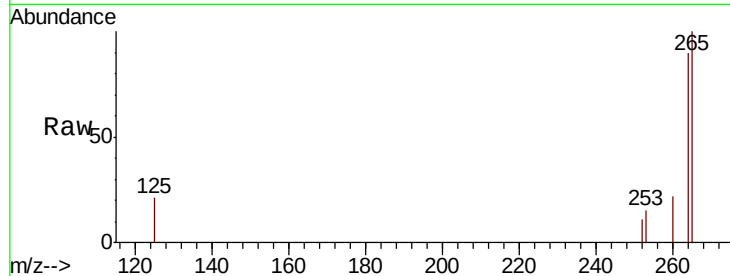




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.32 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BN008735.D
 Acq: 23 Nov 2019 18:47

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:264 Resp: 12698
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 111.3 61.8 92.6#



#36
 Benzo(k)fluoranthene
 Concen: 0.025 ng
 RT: 22.72 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BN008735.D
 Acq: 23 Nov 2019 18:47

Tgt Ion:252 Resp: 1118
 Ion Ratio Lower Upper
 252 100
 253 159.9 21.8 32.6#
 125 592.5 18.2 27.4#

