

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112319\
 Data File : BN008736.D
 Acq On : 23 Nov 2019 19:23
 Operator : JU
 Sample : K5987-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 11:47:40 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

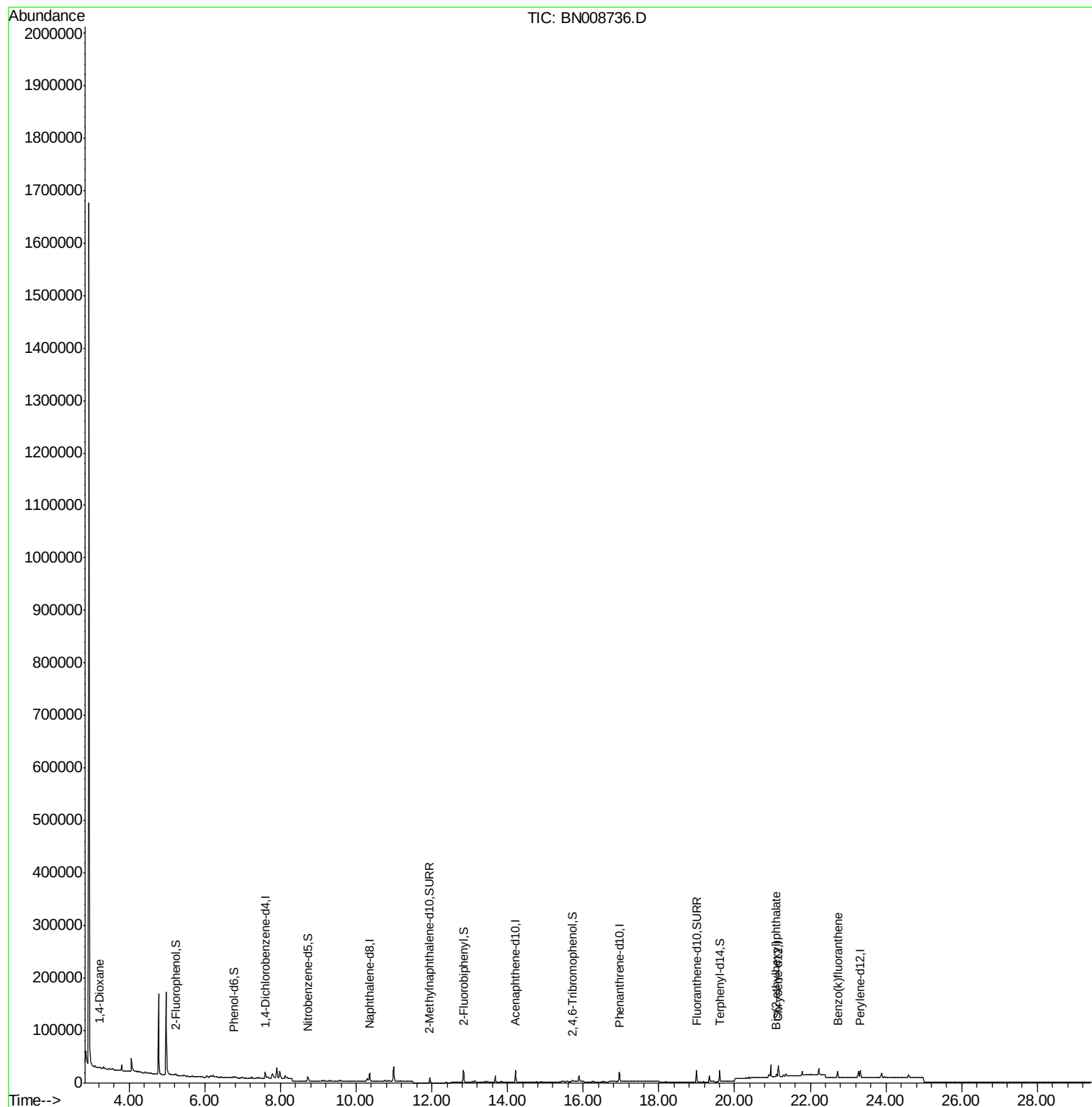
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	5681	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	20789	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	12092	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	23467	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	18201	0.40	ng	-0.01
34) Perylene-d12	23.32	264	18043	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2020	0.14	ng	0.00
5) Phenol-d6	6.78	99	2011	0.11	ng	0.00
8) Nitrobenzene-d5	8.72	82	7375	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	12217	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1408	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	19689	0.42	ng	-0.01
25) Fluoranthene-d10	18.99	212	24903	0.36	ng	0.00
29) Terphenyl-d14	19.60	244	20342	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	267	0.044	ng	Qvalue # 1
32) Bis(2-ethylhexyl)phthalate	21.10	149	4350	0.101	ng	99
36) Benzo(k)fluoranthene	22.72	252	1269	0.020	ng	Qvalue # 1

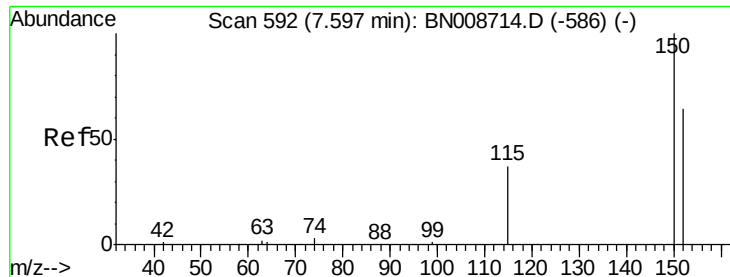
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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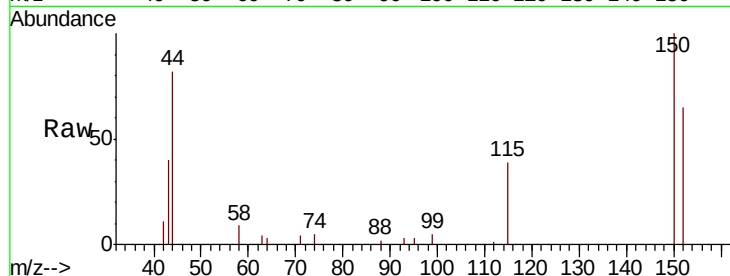


#1

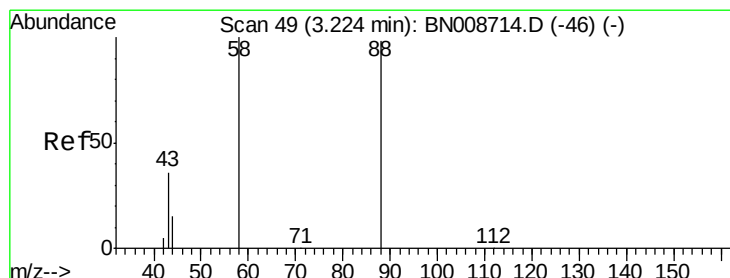
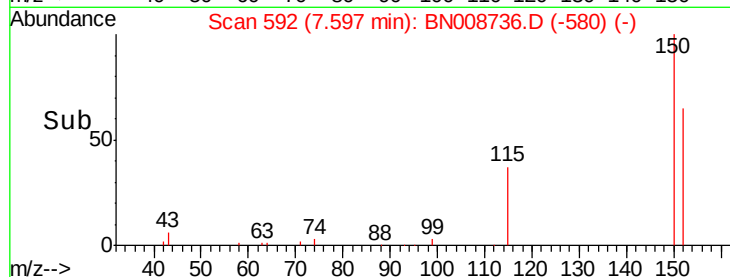
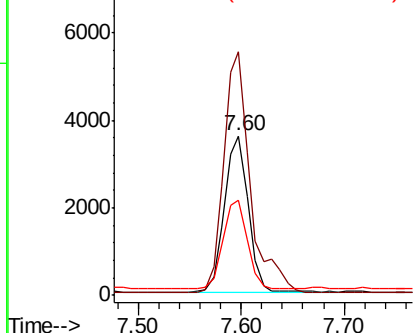
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008736.D
Acq: 23 Nov 2019 19:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5681
Ion Ratio Lower Upper
152 100
150 152.8 124.0 186.0
115 59.5 49.8 74.8



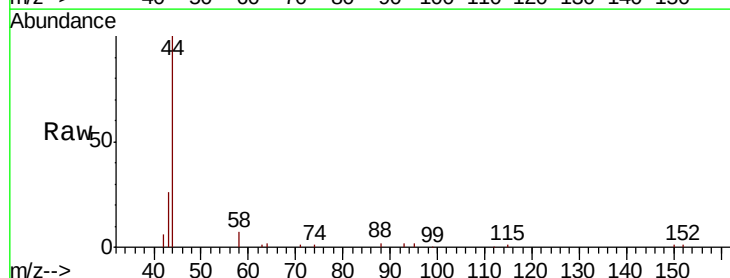
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



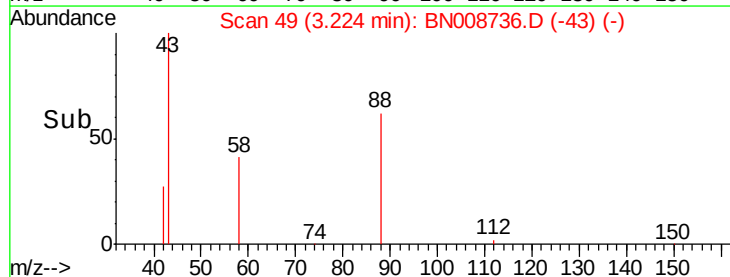
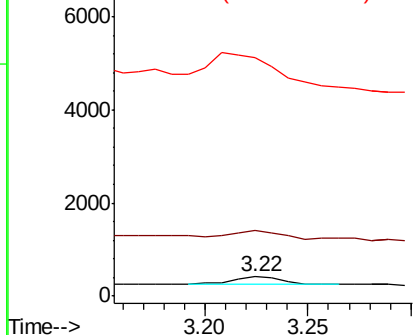
#2

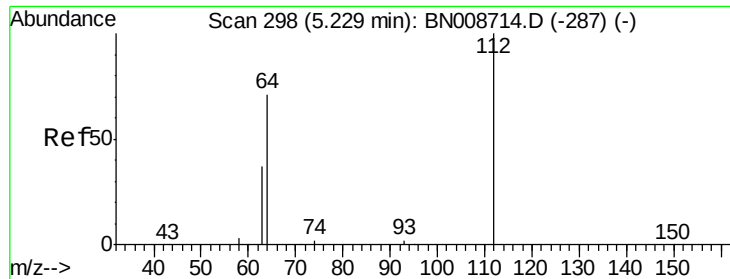
1,4-Dioxane
Concen: 0.044 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008736.D
Acq: 23 Nov 2019 19:23

Tgt Ion: 88 Resp: 267
Ion Ratio Lower Upper
88 100
58 110.5 85.7 128.5
43 605.2 29.5 44.3#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.136 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN008736.D

Acq: 23 Nov 2019 19:23

Instrument :

BNA_N

ClientSampleId :

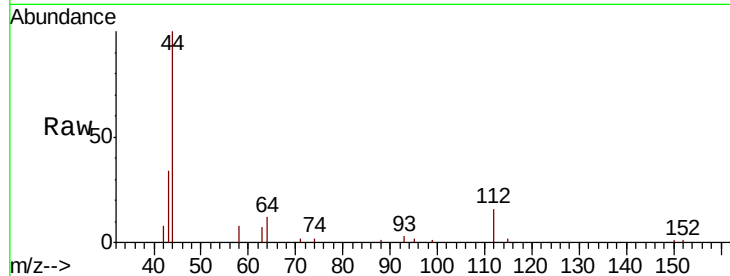
Tot Ion: 112 Resp: 2020

Ion Ratio Lower Upper

112 100

64 67.8 57.1 85.7

63 35.1 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

5.23

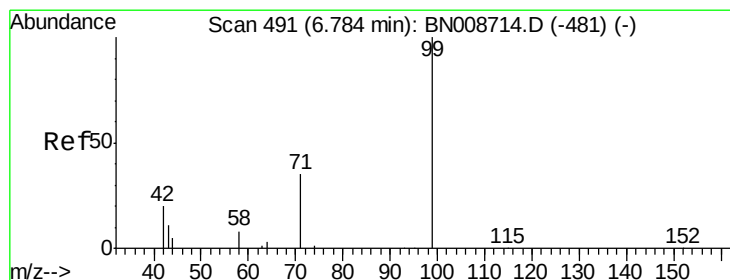
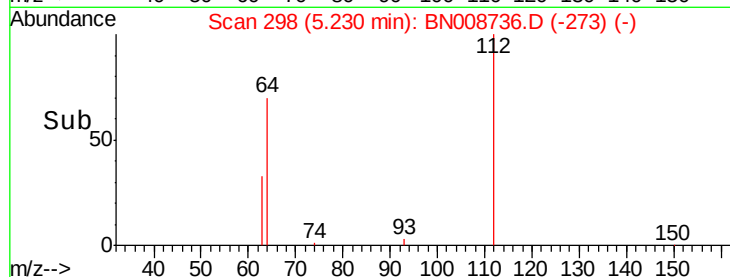
1500

1000

500

0

Time-->



#5

Phenol-d6

Concen: 0.107 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN008736.D

Acq: 23 Nov 2019 19:23

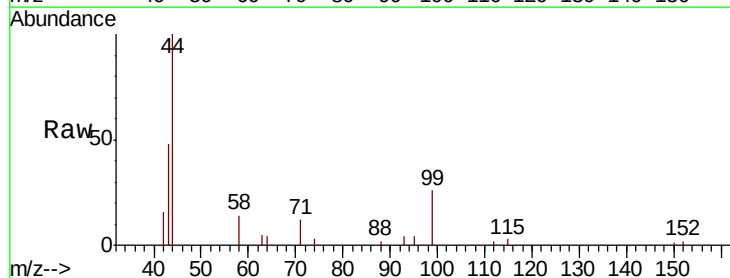
Tgt Ion: 99 Resp: 2011

Ion Ratio Lower Upper

99 100

42 32.3 19.4 29.2#

71 39.3 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

6.78

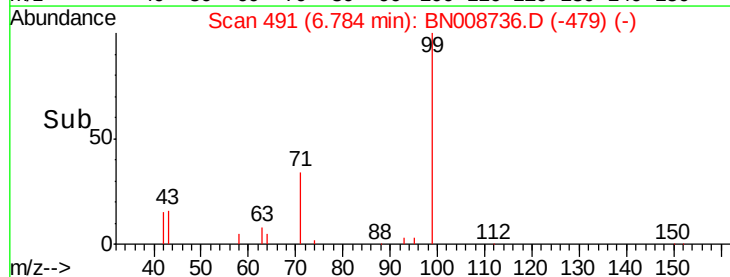
1500

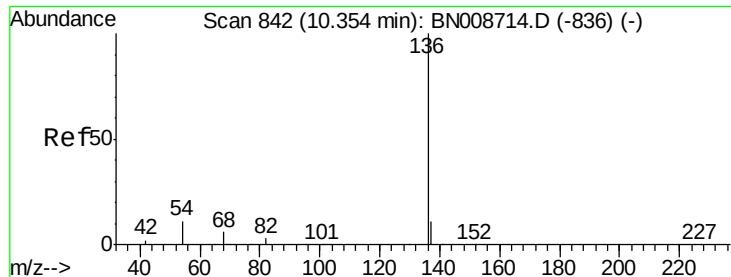
1000

500

0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008736.D

Acq: 23 Nov 2019 19:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 20789

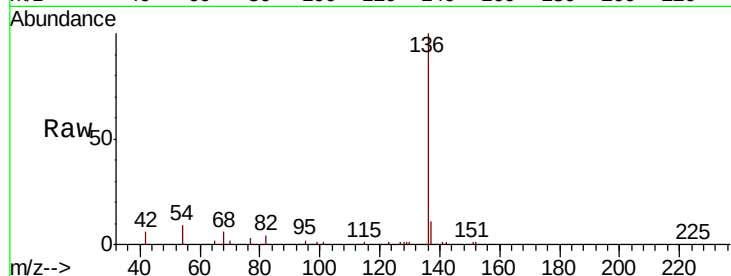
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 9.3 9.4 14.2#

68 6.3 5.8 8.6

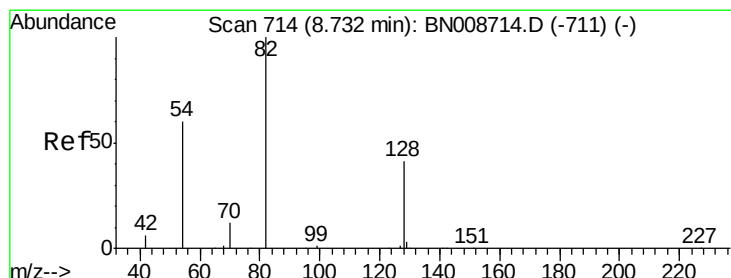
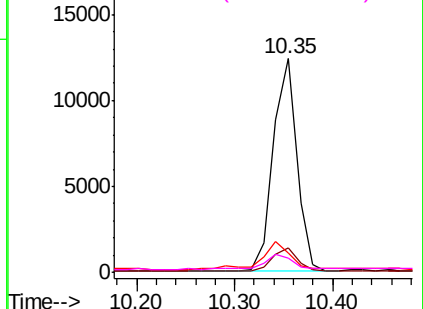
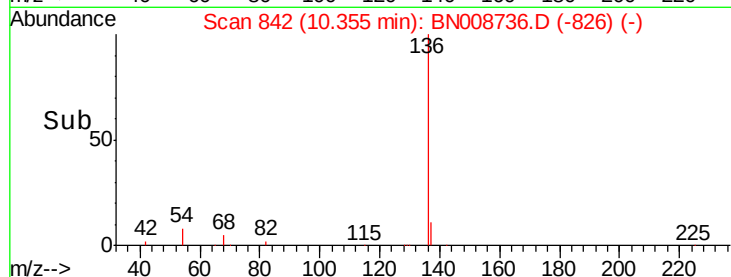


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008736.D

Acq: 23 Nov 2019 19:23

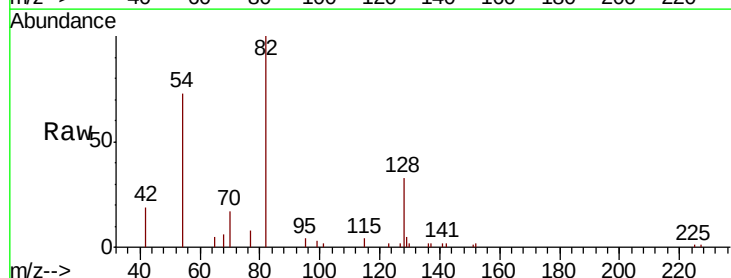
Tgt Ion: 82 Resp: 7375

Ion Ratio Lower Upper

82 100

128 32.5 34.6 52.0#

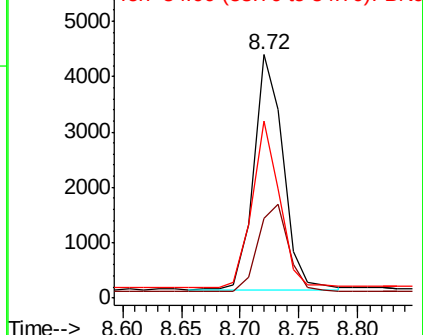
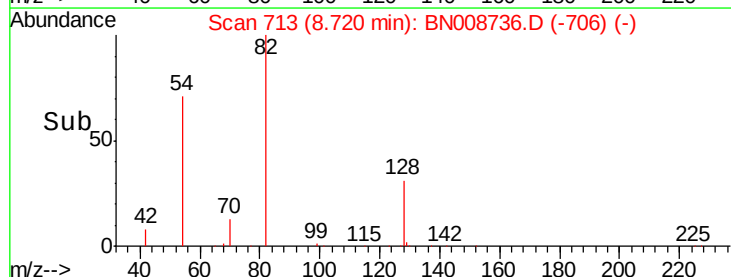
54 72.6 50.2 75.4

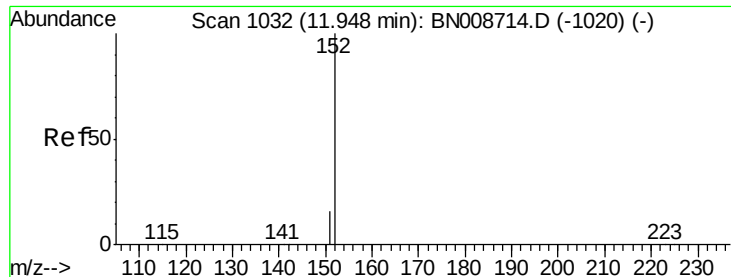


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

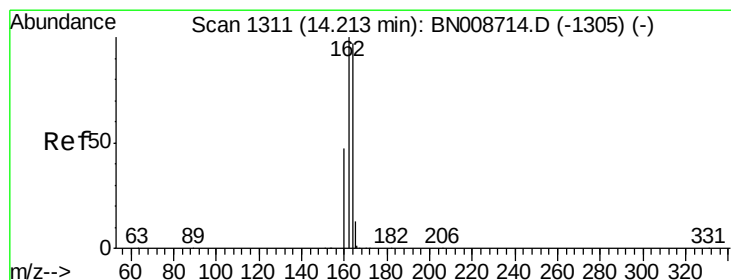
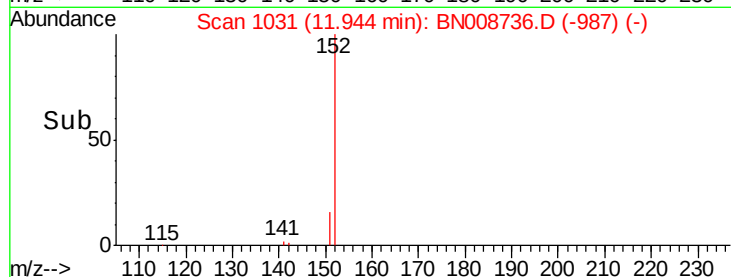
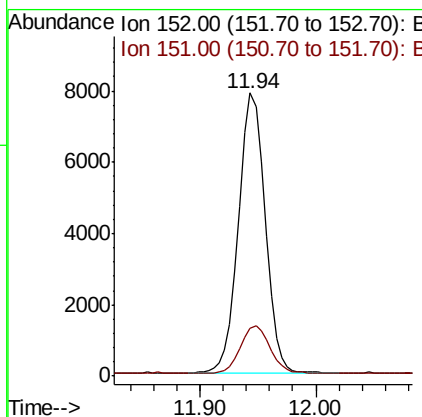
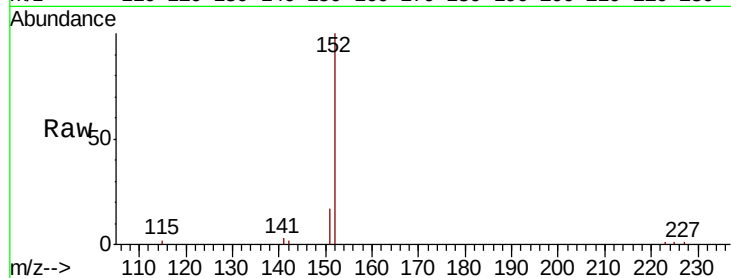




#11
 2-Methylnaphthalene-d10
 Concen: 0.372 ng
 RT: 11.94 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BN008736.D
 Acq: 23 Nov 2019 19:23

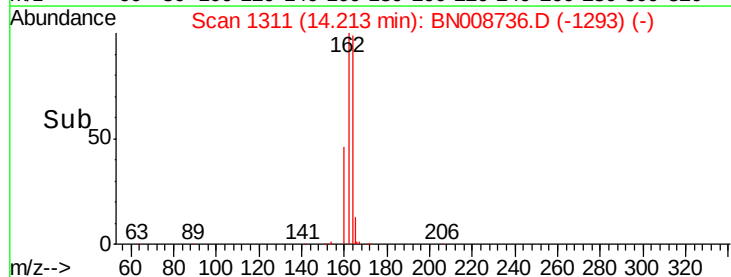
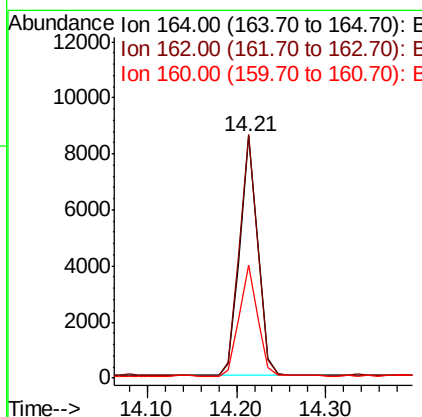
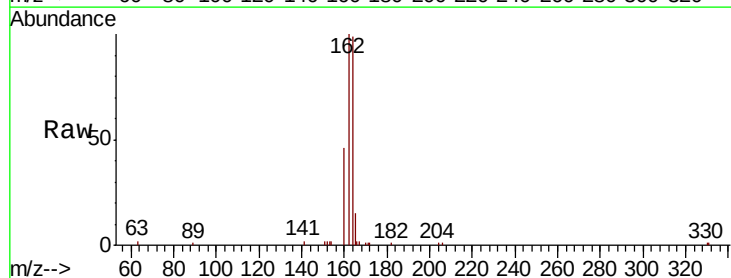
Instrument :
 BNA_N
 ClientSampleId :

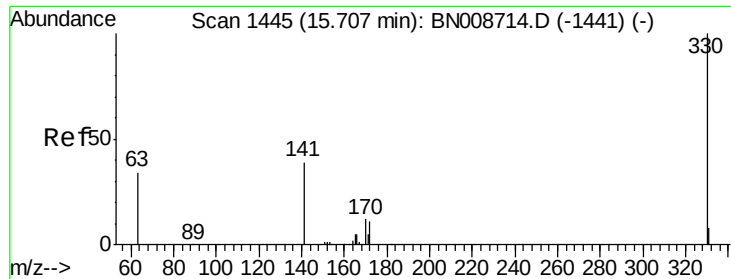
Tot Ion:152 Resp: 12217
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.2 22.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.21 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BN008736.D
 Acq: 23 Nov 2019 19:23

Tgt Ion:164 Resp: 12092
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.2 123.4
 160 46.7 38.7 58.1

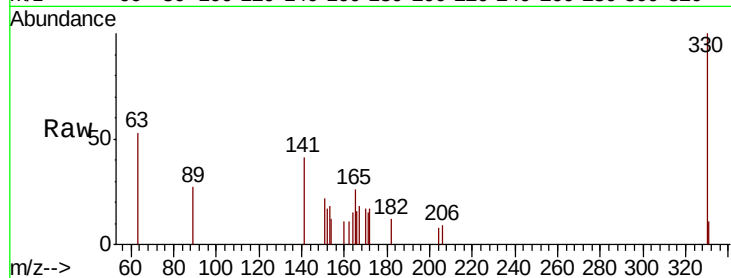




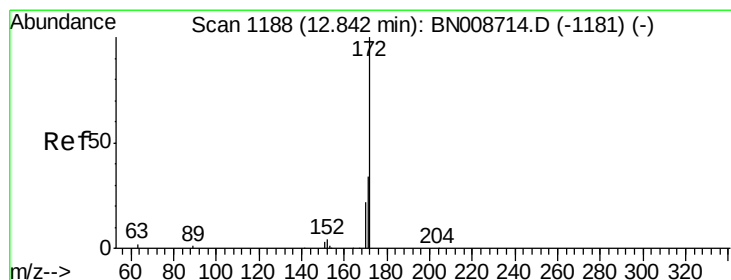
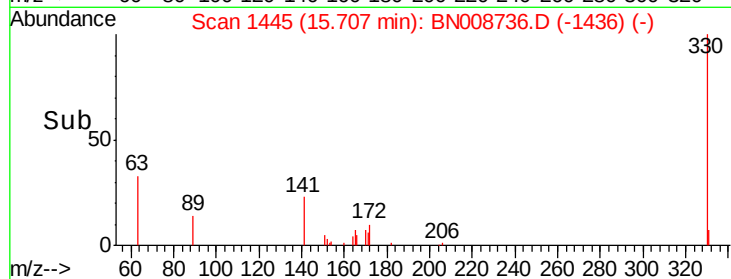
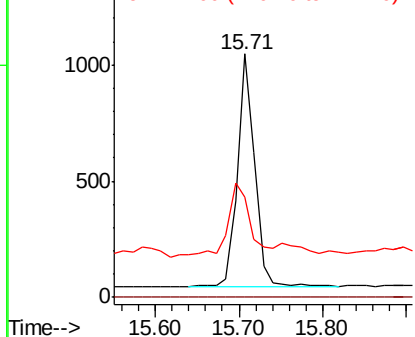
#14
 2,4,6-Tribromophenol
 Concen: 0.250 ng
 RT: 15.71 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BN008736.D
 Acq: 23 Nov 2019 19:23

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 1408
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.2 29.5 44.3

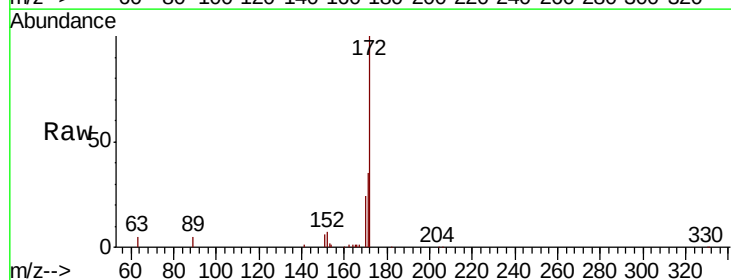


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

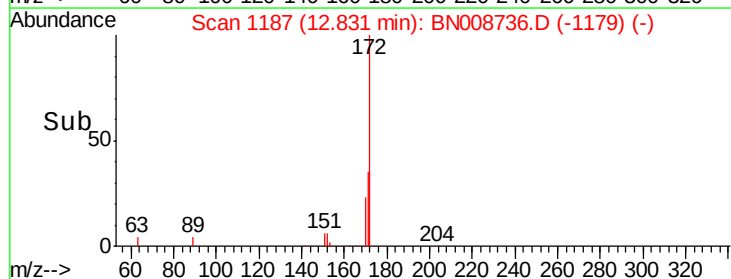
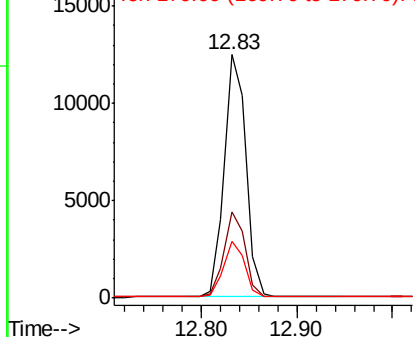


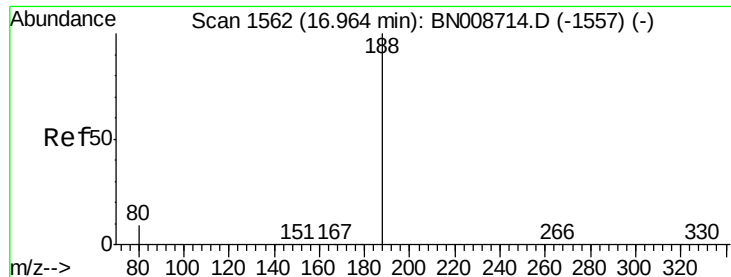
#15
 2-Fluorobiphenyl
 Concen: 0.417 ng
 RT: 12.83 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BN008736.D
 Acq: 23 Nov 2019 19:23

Tgt Ion:172 Resp: 19689
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.3 40.9
 170 23.5 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN008736.D

Acq: 23 Nov 2019 19:23

Instrument :

BNA_N

ClientSampleId :

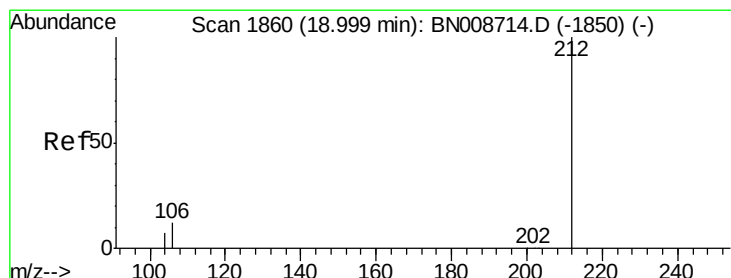
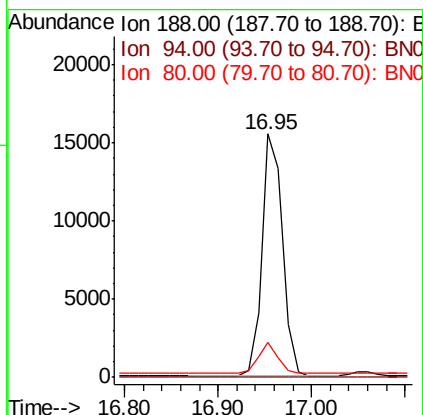
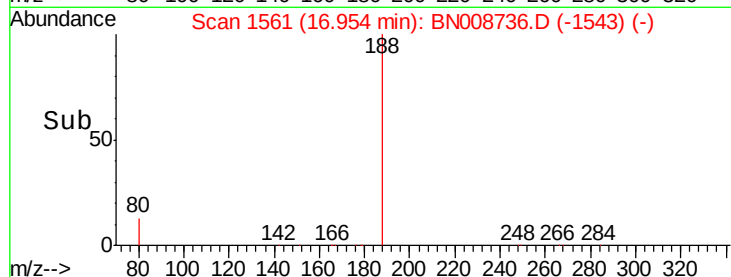
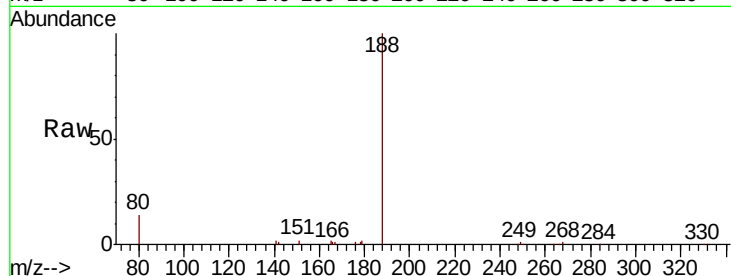
Tot Ion:188 Resp: 23467

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.3 7.4 11.0#



#25

Fluoranthene-d10

Concen: 0.361 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN008736.D

Acq: 23 Nov 2019 19:23

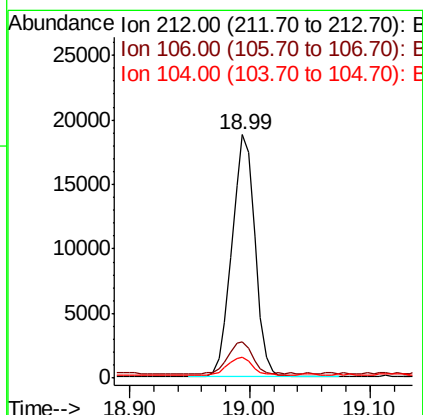
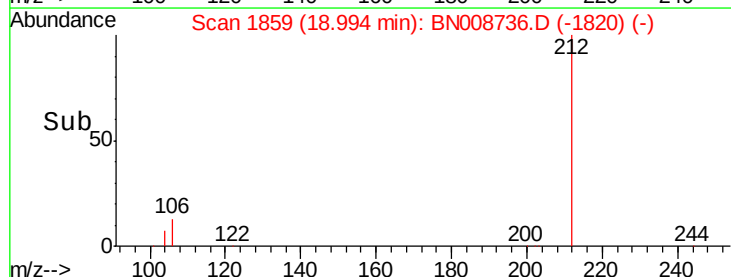
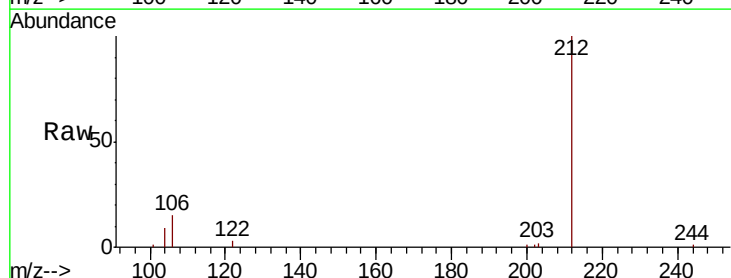
Tgt Ion:212 Resp: 24903

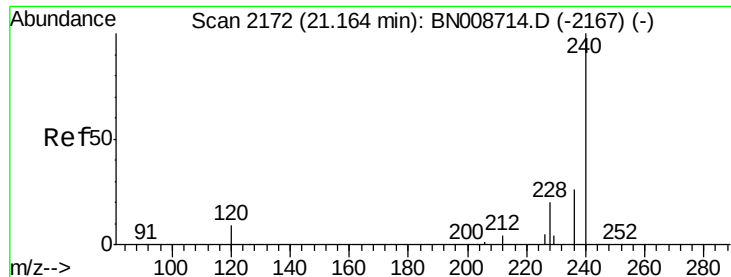
Ion Ratio Lower Upper

212 100

106 13.7 10.6 15.8

104 7.8 6.0 9.0





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN008736.D

Acq: 23 Nov 2019 19:23

Instrument :

BNA_N

ClientSampleId :

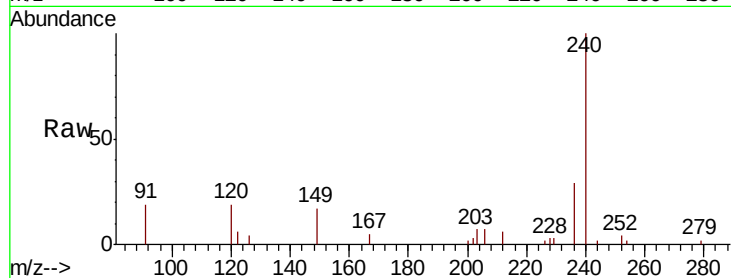
Tot Ion:240 Resp: 18201

Ion Ratio Lower Upper

240 100

120 18.8 9.0 13.4#

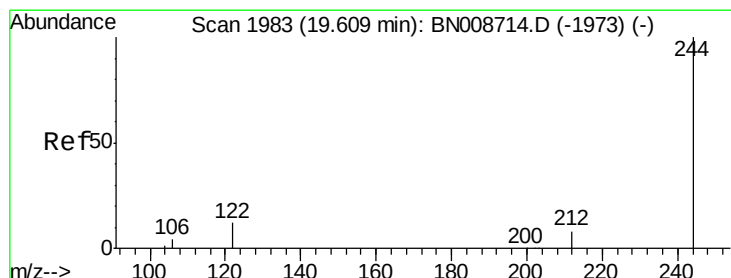
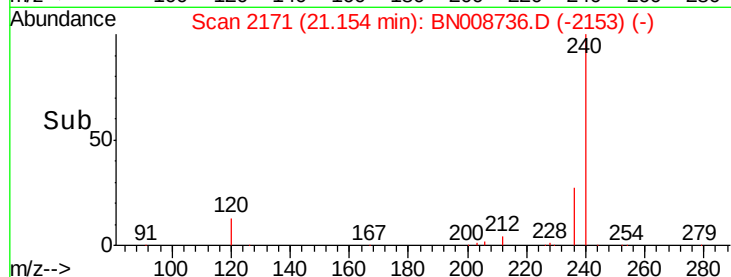
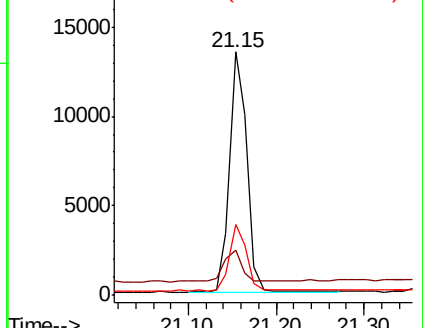
236 28.8 21.8 32.6



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: 0.465 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN008736.D

Acq: 23 Nov 2019 19:23

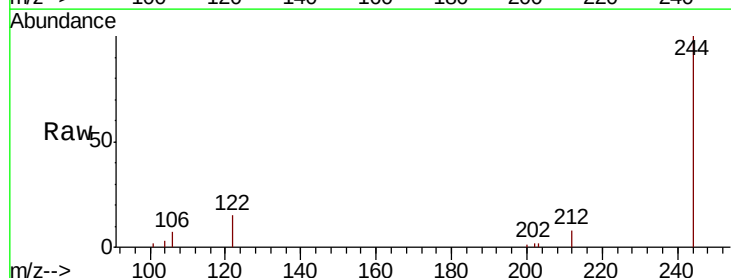
Tgt Ion:244 Resp: 20342

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

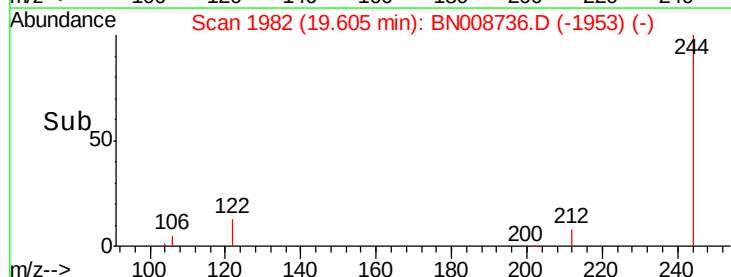
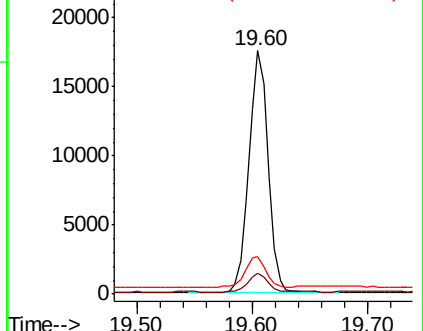
122 15.5 10.1 15.1#

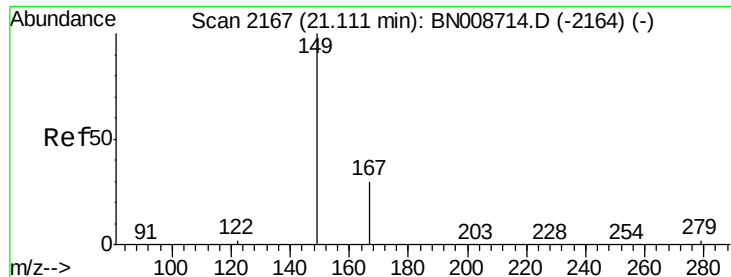


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.101 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN008736.D

Acq: 23 Nov 2019 19:23

Instrument :

BNA_N

ClientSampleId :

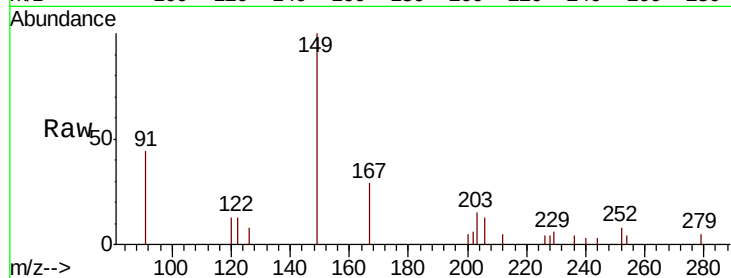
Tot Ion:149 Resp: 4350

Ion Ratio Lower Upper

149 100

167 29.2 23.5 35.3

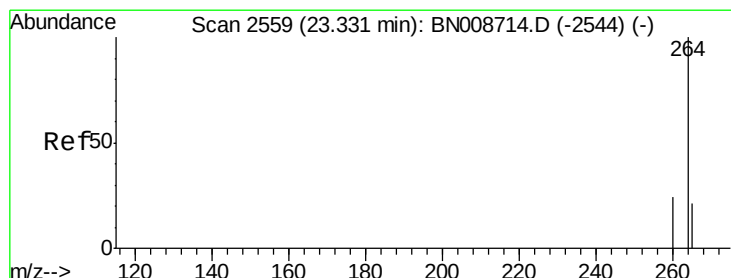
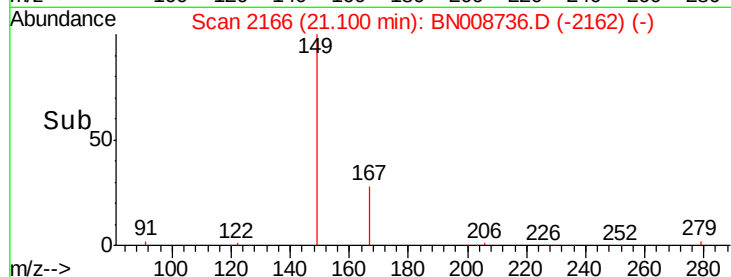
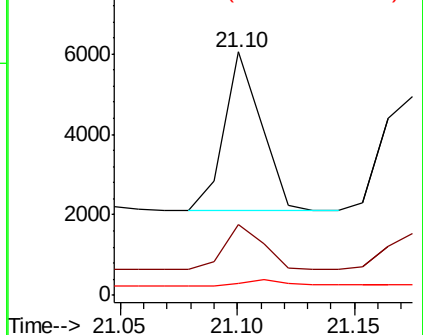
279 4.7 3.4 5.0



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

Perylene-d12

Concen: 0.400 ng

RT: 23.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BN008736.D

Acq: 23 Nov 2019 19:23

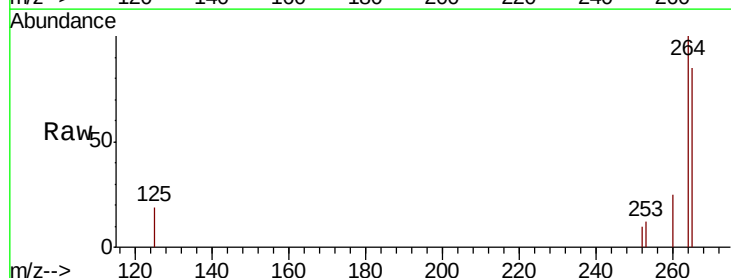
Tgt Ion:264 Resp: 18043

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

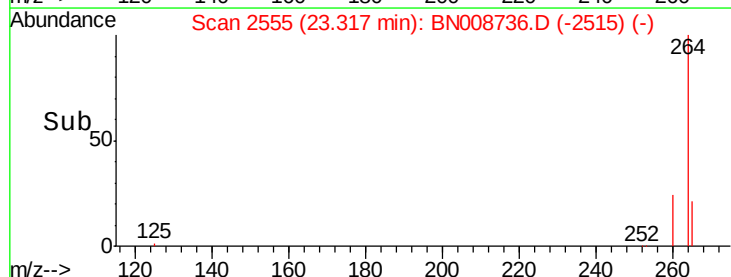
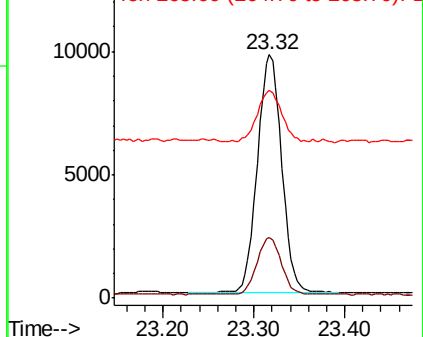
265 85.1 61.8 92.6

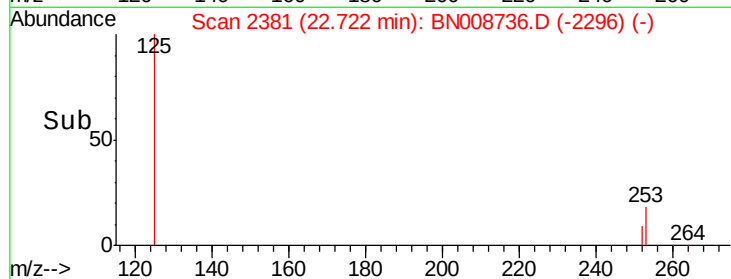
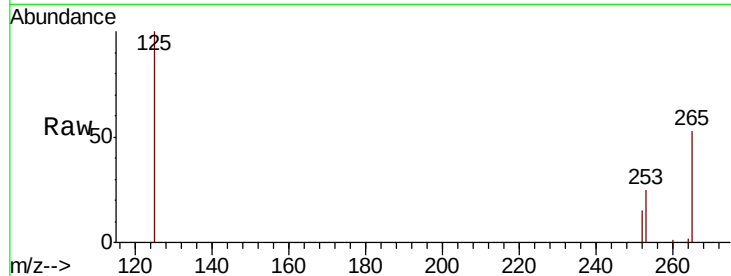
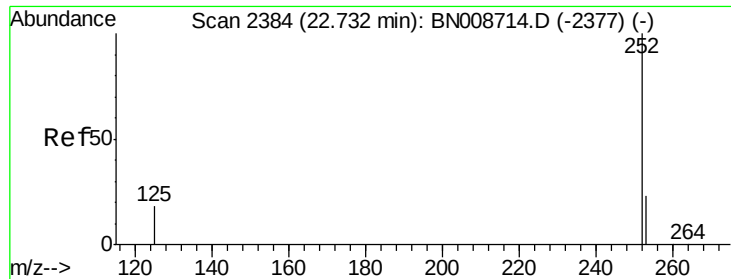


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#36

Benzo(k)fluoranthene

Concen: 0.020 ng

RT: 22.72 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BN008736.D

Acq: 23 Nov 2019 19:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 252 Resp: 1269

Ion Ratio Lower Upper

252 100

253 164.7 21.8 32.6#

125 666.0 18.2 27.4#

