

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112519\
 Data File : BN008744.D
 Acq On : 25 Nov 2019 19:28
 Operator : JU
 Sample : PB124746BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 26 02:54:17 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

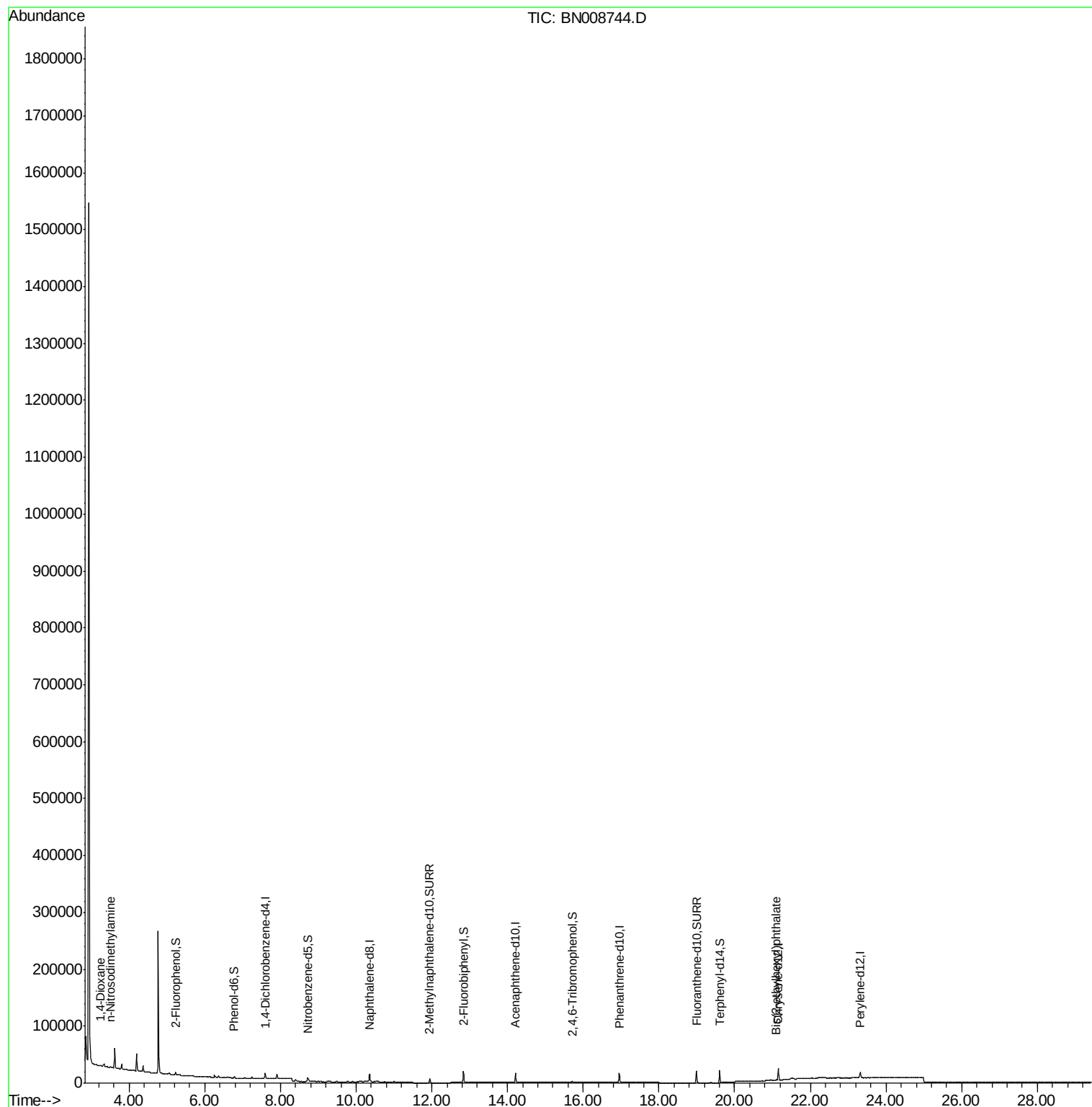
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	5054	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	18126	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	10056	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	21112	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	19130	0.40	ng	-0.01
34) Perylene-d12	23.32	264	13121	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	3211	0.24	ng	0.00
5) Phenol-d6	6.78	99	3013	0.18	ng	0.00
8) Nitrobenzene-d5	8.72	82	5945	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	10182	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1853	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	17631	0.45	ng	-0.01
25) Fluoranthene-d10	18.99	212	23973	0.39	ng	0.00
29) Terphenyl-d14	19.60	244	20608	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	117	0.022	ng	Qvalue # 8
3) n-Nitrosodimethylamine	3.51	42	201	0.030	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.10	149	1833	0.040	ng	94

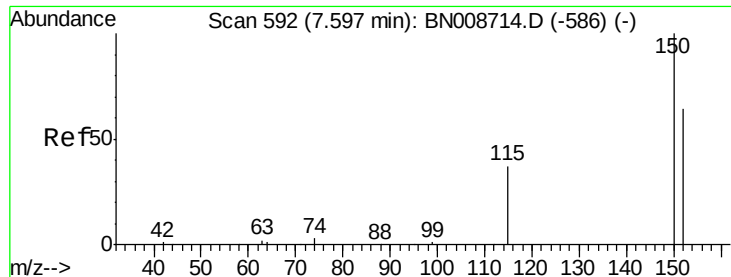
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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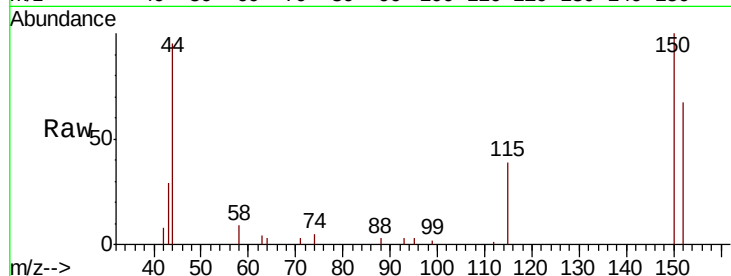


#1

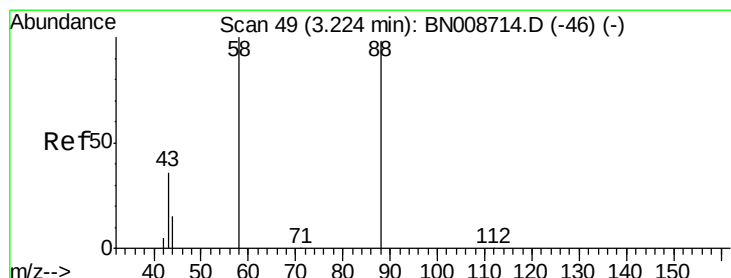
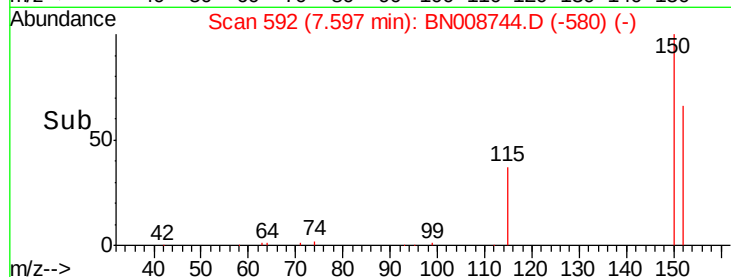
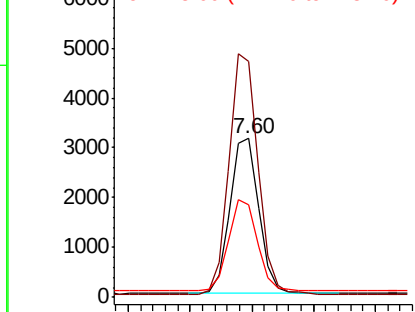
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008744.D
Acq: 25 Nov 2019 19:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5054
Ion Ratio Lower Upper
152 100
150 148.7 124.0 186.0
115 58.5 49.8 74.8



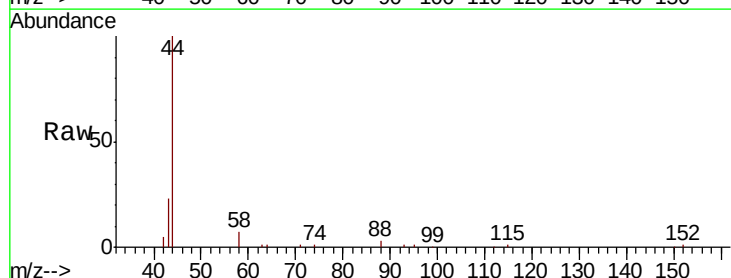
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



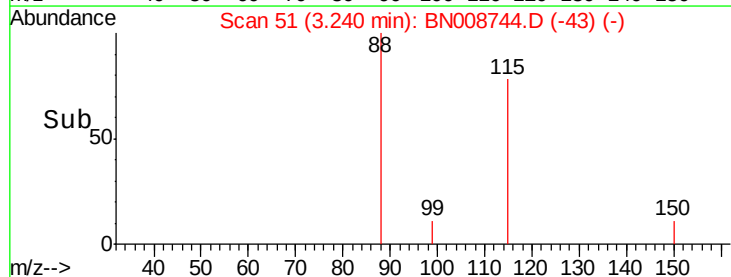
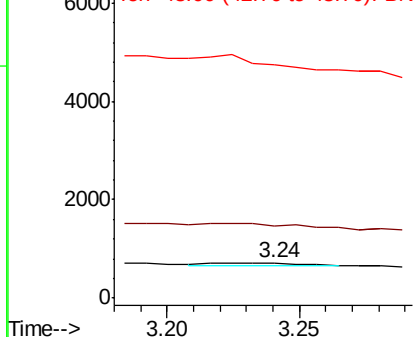
#2

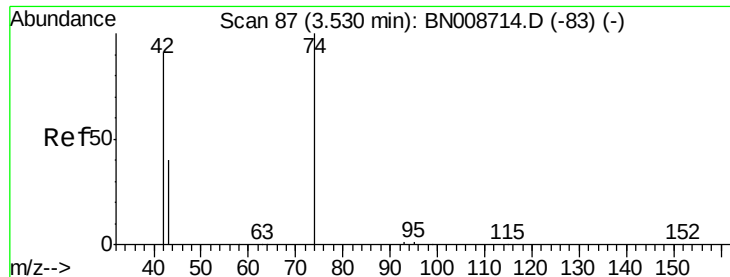
1,4-Dioxane
Concen: 0.022 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.02 min
Lab File: BN008744.D
Acq: 25 Nov 2019 19:28

Tgt Ion: 88 Resp: 117
Ion Ratio Lower Upper
88 100
58 0.0 85.7 128.5#
43 0.0 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



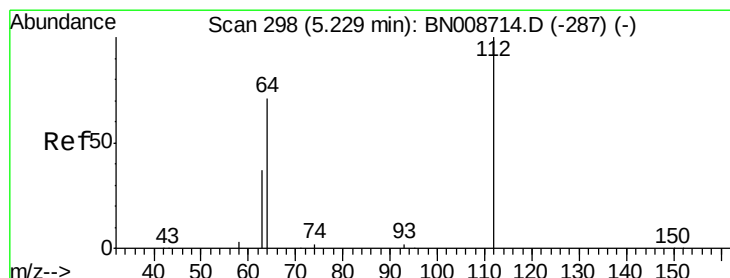
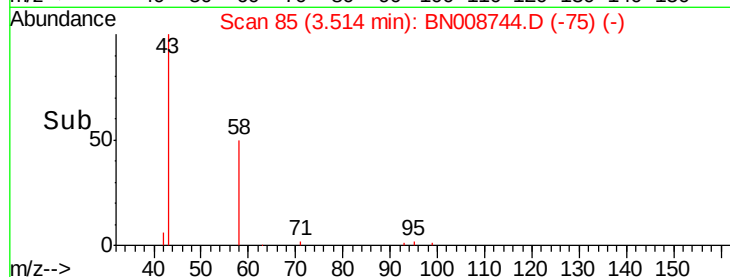
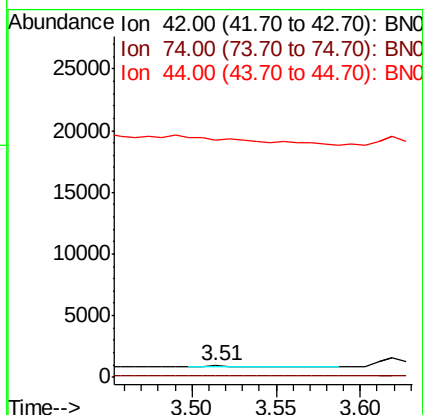
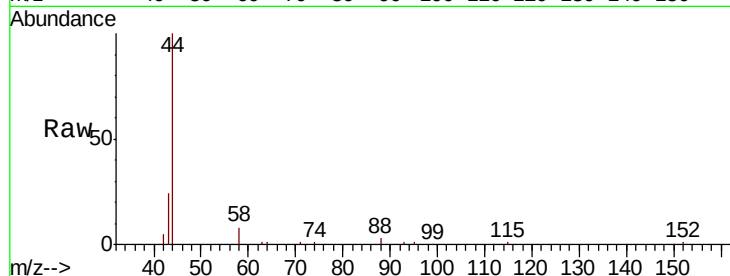


#3

n-Nitrosodimethylamine
 Concen: 0.030 ng
 RT: 3.51 min Scan# 85
 Delta R.T. -0.02 min
 Lab File: BN008744.D
 Acq: 25 Nov 2019 19:28

Instrument :
 BNA_N
 ClientSampleId :

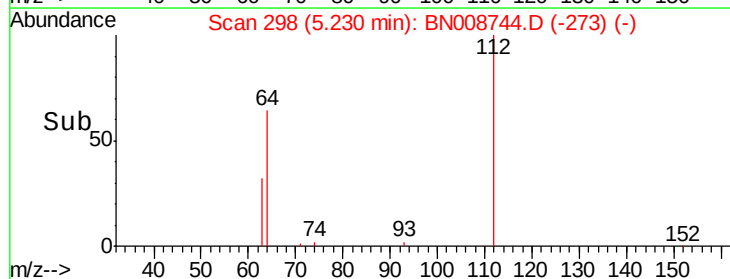
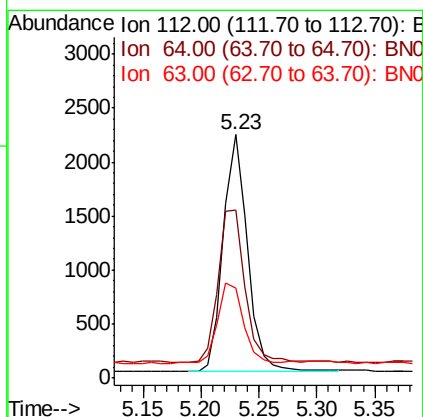
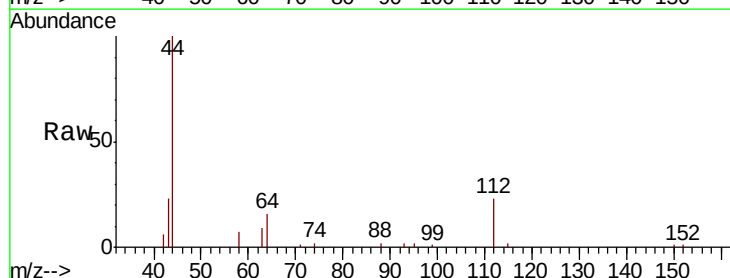
Tot Ion: 42 Resp: 201
 Ion Ratio Lower Upper
 42 100
 74 0.0 88.0 132.0#
 44 0.0 0.0 0.0

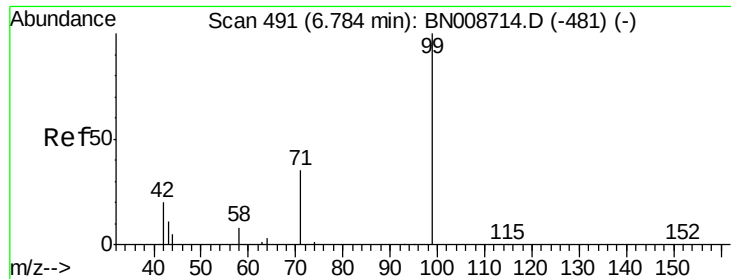


#4

2-Fluorophenol
 Concen: 0.243 ng
 RT: 5.23 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: BN008744.D
 Acq: 25 Nov 2019 19:28

Tgt Ion: 112 Resp: 3211
 Ion Ratio Lower Upper
 112 100
 64 71.2 57.1 85.7
 63 36.0 29.7 44.5





#5

Phenol-d6

Concen: 0.180 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN008744.D

Acq: 25 Nov 2019 19:28

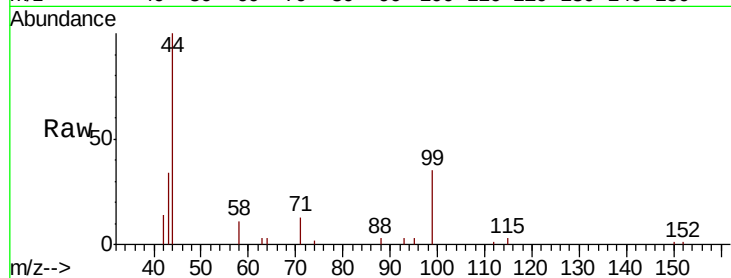
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 3013

Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.4	29.2
71	37.2	27.5	41.3

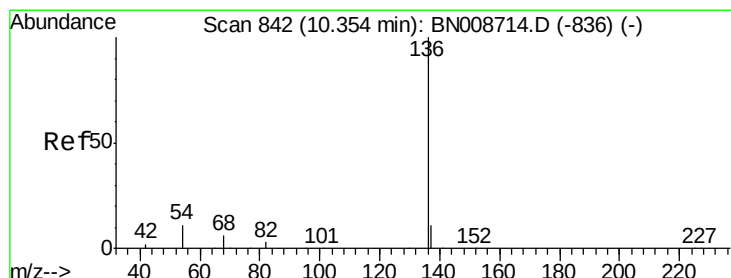
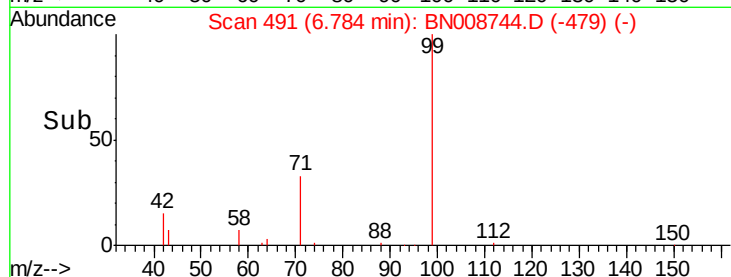
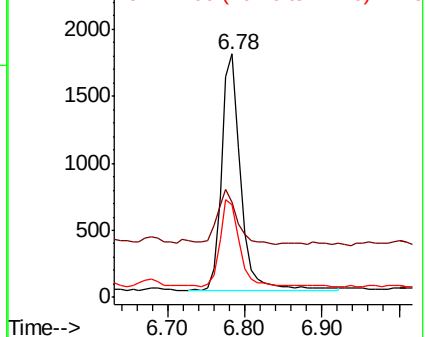


Abundance

Ion 99.00 (98.70 to 99.70): BN008744.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008744.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008744.D (-479) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008744.D

Acq: 25 Nov 2019 19:28

Tgt Ion: 136 Resp: 18126

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	8.9	9.4	14.2#
68	5.8	5.8	8.6

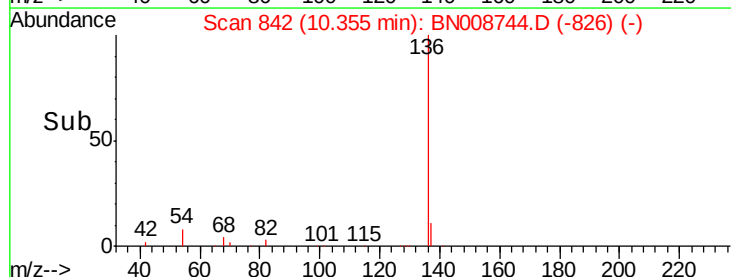
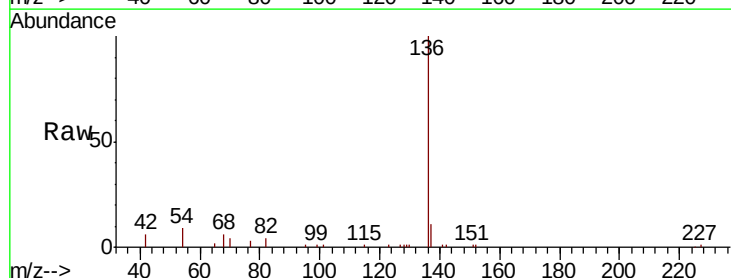
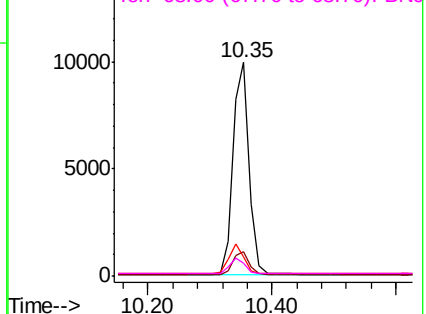
Abundance

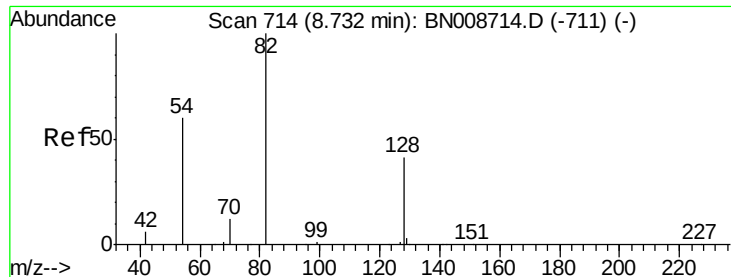
Ion 136.00 (135.70 to 136.70): BN008744.D (-826) (-)

Ion 137.00 (136.70 to 137.70): BN008744.D (-826) (-)

Ion 54.00 (53.70 to 54.70): BN008744.D (-826) (-)

Ion 68.00 (67.70 to 68.70): BN008744.D (-826) (-)





#8

Nitrobenzene-d5

Concen: 0.365 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008744.D

Acq: 25 Nov 2019 19:28

Instrument :

BNA_N

ClientSampleId :

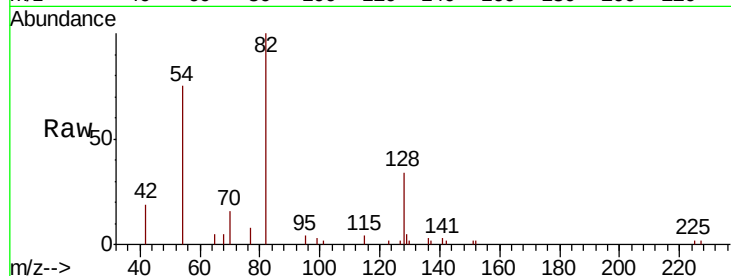
Tot Ion: 82 Resp: 5945

Ion Ratio Lower Upper

82 100

128 34.0 34.6 52.0#

54 75.2 50.2 75.4



Abundance Ion 82.00 (81.70 to 82.70): BN008714.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN008714.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN008714.D (-711) (-)

8.72

4000

3000

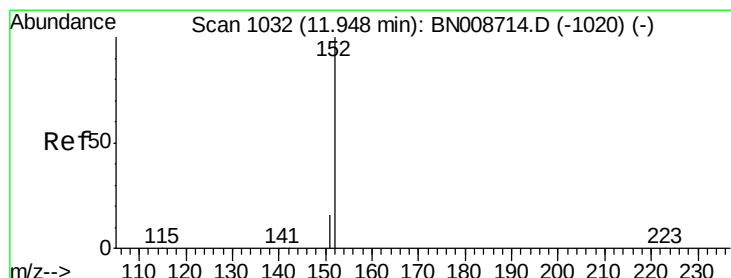
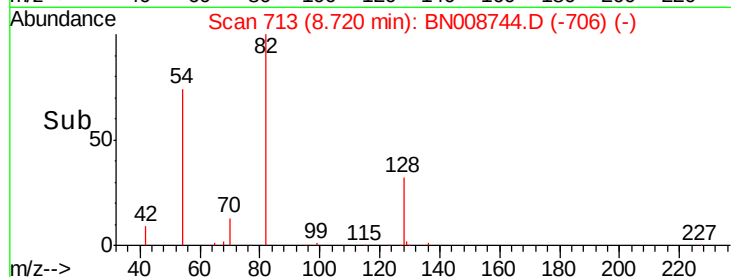
2000

1000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.356 ng

RT: 11.94 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BN008744.D

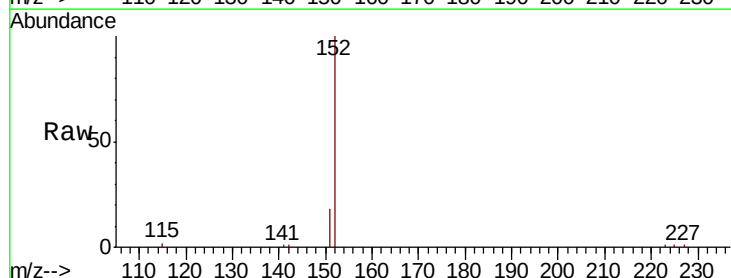
Acq: 25 Nov 2019 19:28

Tgt Ion: 152 Resp: 10182

Ion Ratio Lower Upper

152 100

151 19.0 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): BN008714.D (-1020) (-)

Ion 151.00 (150.70 to 151.70): BN008714.D (-1020) (-)

11.94

6000

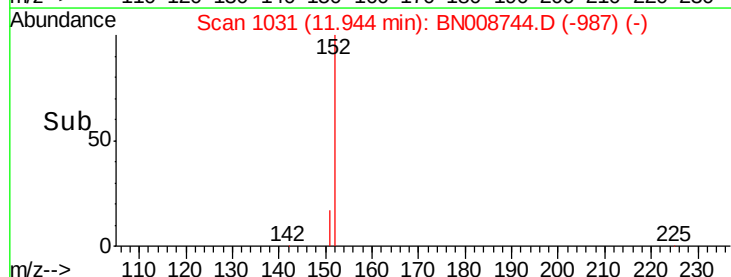
4000

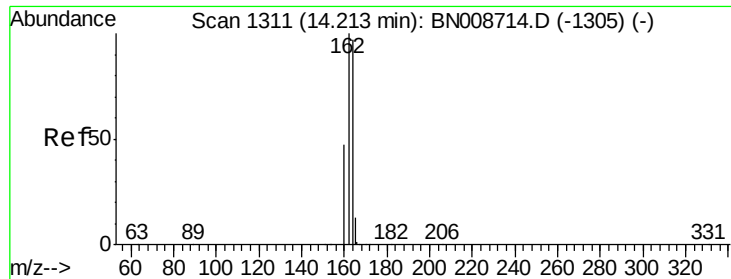
2000

0

11.90 12.00

Time-->

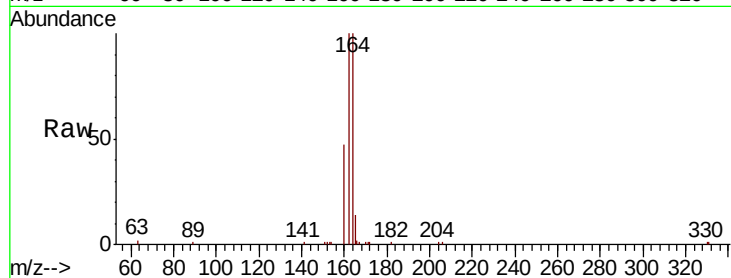




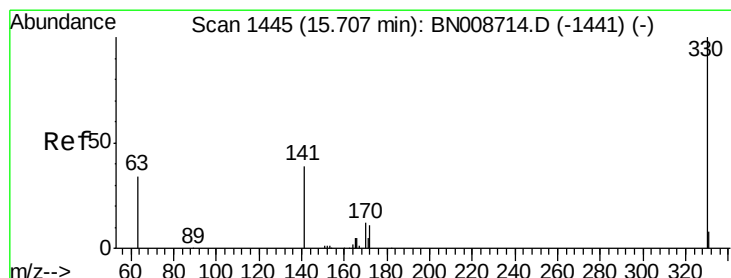
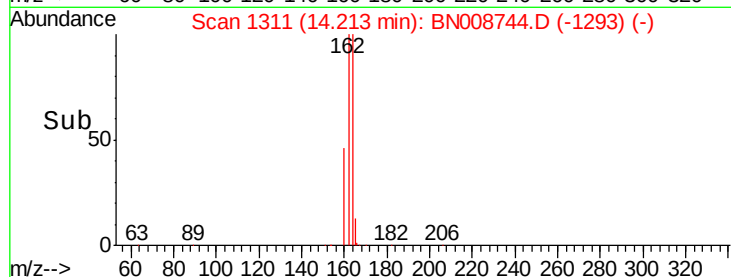
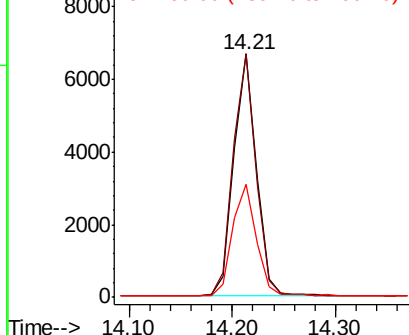
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008744.D
Acq: 25 Nov 2019 19:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 10056
Ion Ratio Lower Upper
164 100
162 100.1 82.2 123.4
160 46.6 38.7 58.1

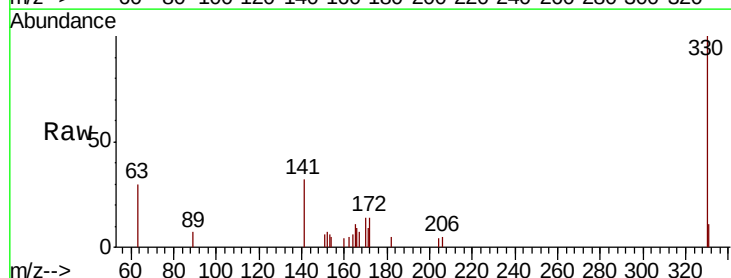


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

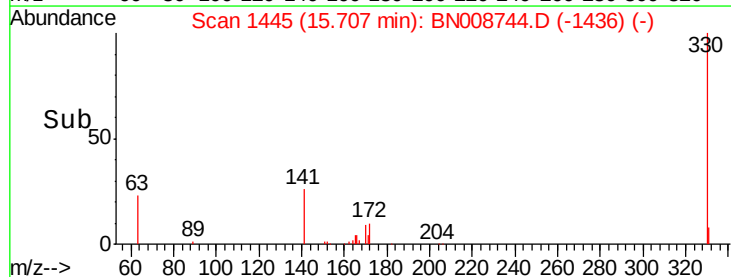
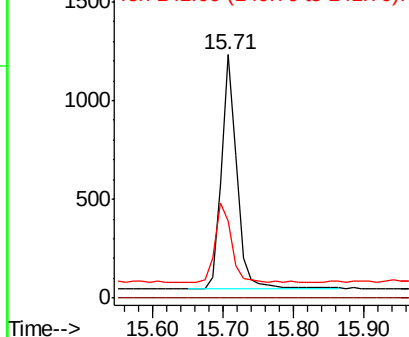


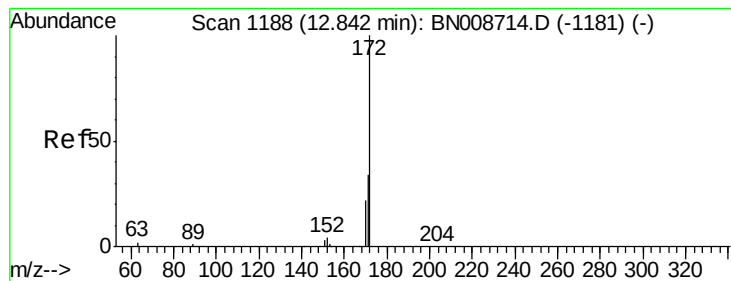
#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN008744.D
Acq: 25 Nov 2019 19:28

Tgt Ion:330 Resp: 1853
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.7 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: 0.449 ng

RT: 12.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BN008744.D

Acq: 25 Nov 2019 19:28

Instrument :

BNA_N

ClientSampleId :

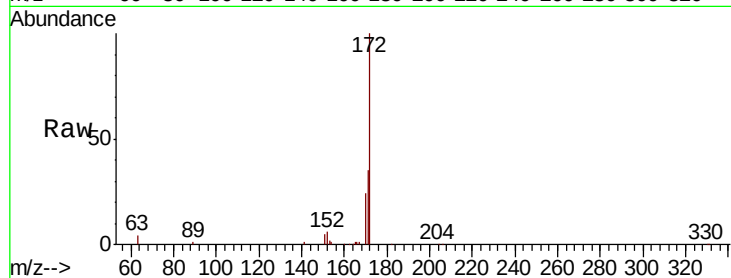
Tot Ion:172 Resp: 17631

Ion Ratio Lower Upper

172 100

171 35.2 27.3 40.9

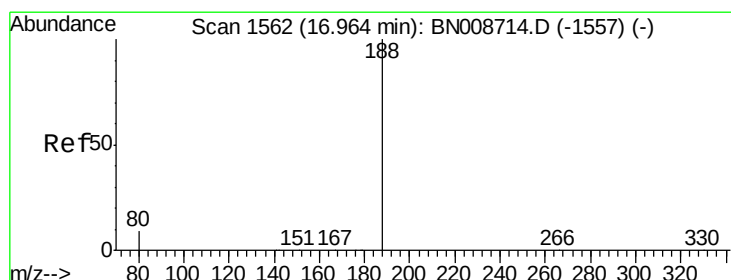
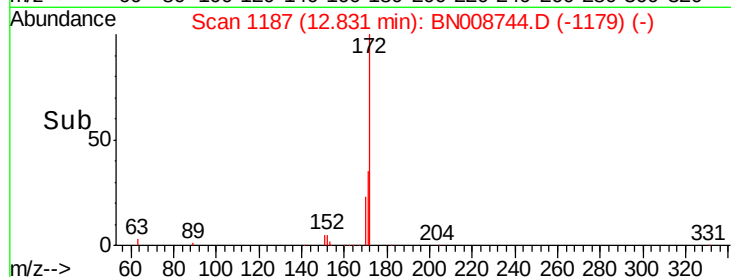
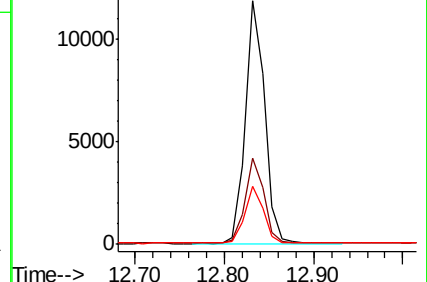
170 23.7 17.8 26.6



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: BN008744.D

Acq: 25 Nov 2019 19:28

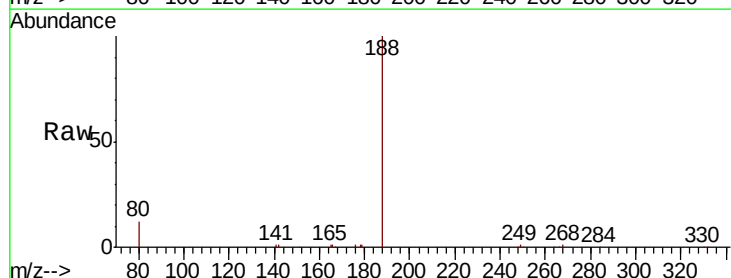
Tgt Ion:188 Resp: 21112

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

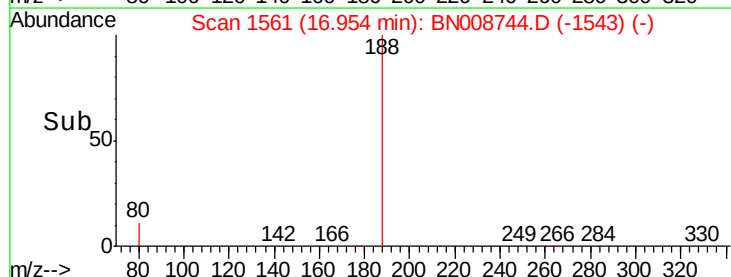
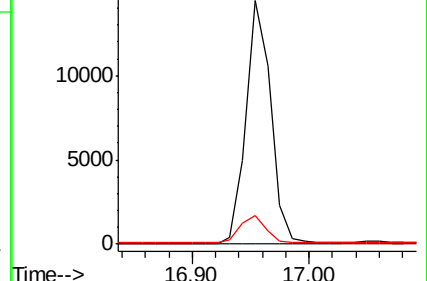
80 12.0 7.4 11.0#

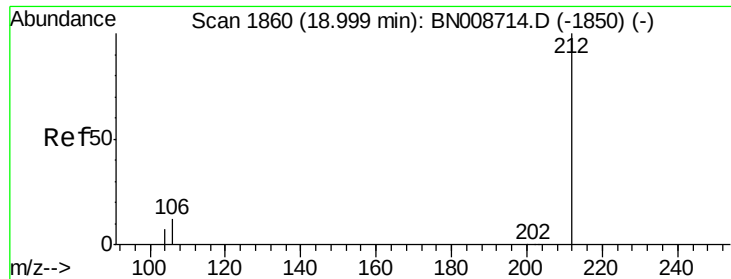


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN008744.D

Acq: 25 Nov 2019 19:28

Instrument :

BNA_N

ClientSampleId :

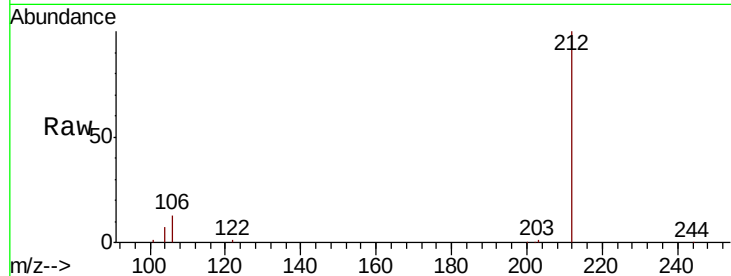
Tot Ion:212 Resp: 23973

Ion Ratio Lower Upper

212 100

106 13.4 10.6 15.8

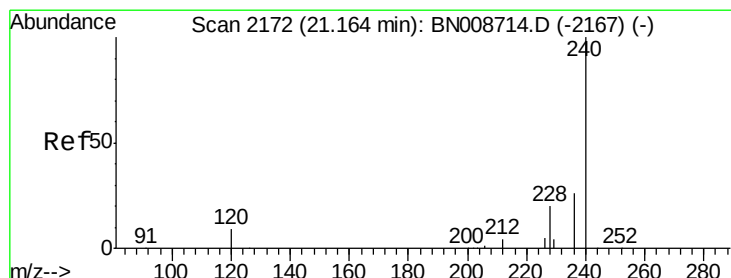
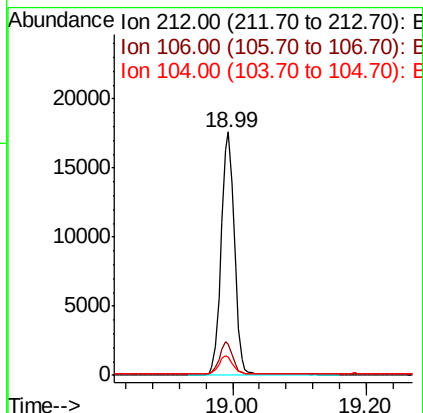
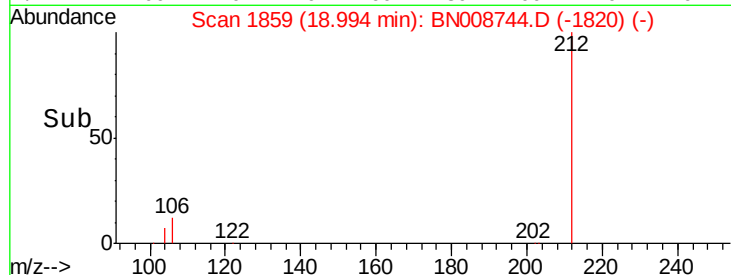
104 7.4 6.0 9.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN008744.D

Acq: 25 Nov 2019 19:28

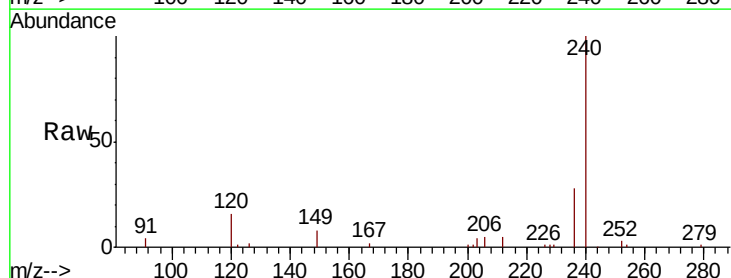
Tgt Ion:240 Resp: 19130

Ion Ratio Lower Upper

240 100

120 15.6 9.0 13.4#

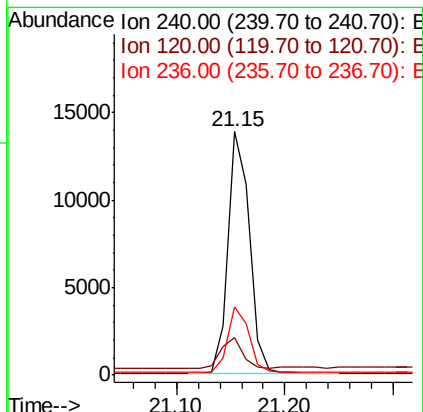
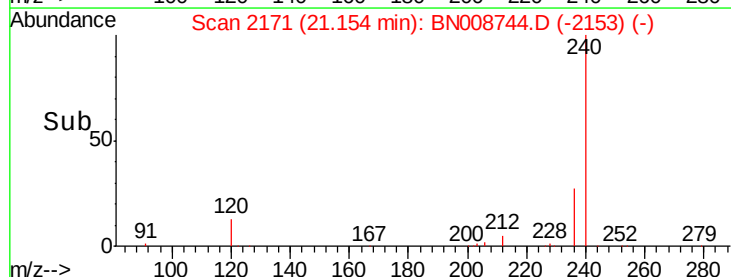
236 28.0 21.8 32.6

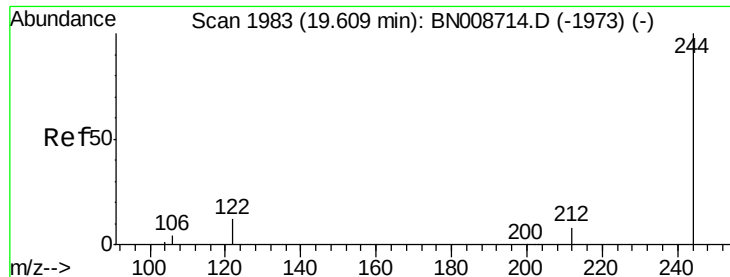


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.448 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN008744.D

Acq: 25 Nov 2019 19:28

Instrument :

BNA_N

ClientSampleId :

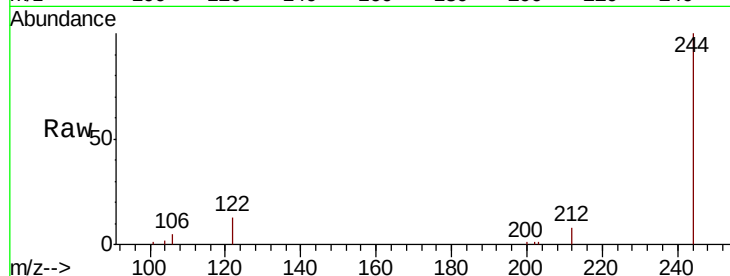
Tot Ion:244 Resp: 20608

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

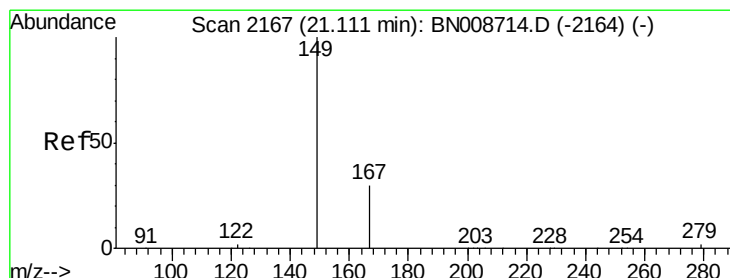
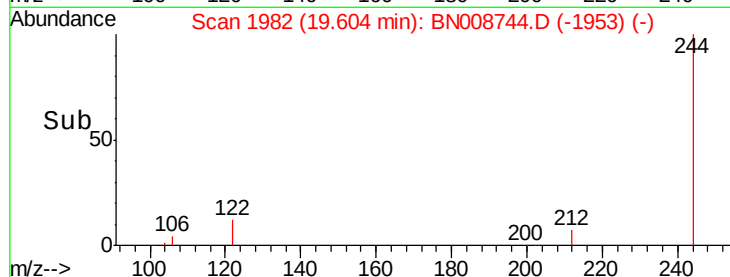
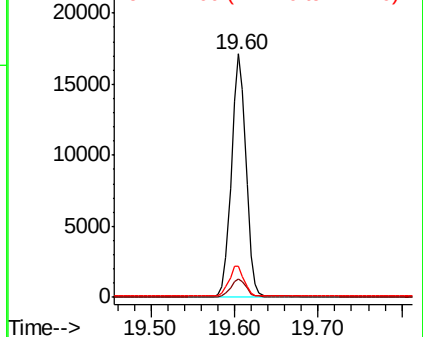
122 12.9 10.1 15.1



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: 0.040 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN008744.D

Acq: 25 Nov 2019 19:28

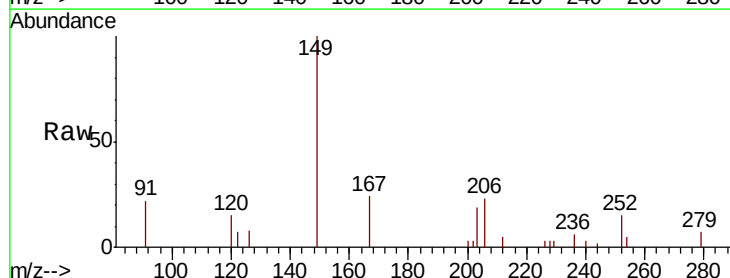
Tgt Ion:149 Resp: 1833

Ion Ratio Lower Upper

149 100

167 25.6 23.5 35.3

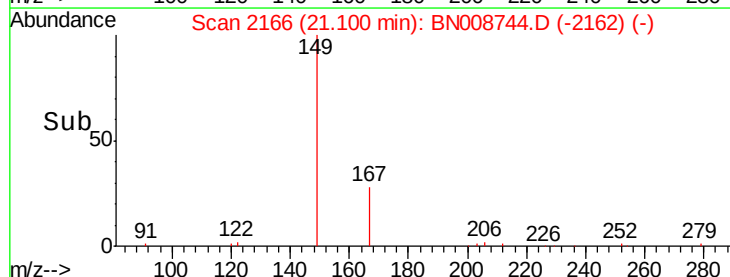
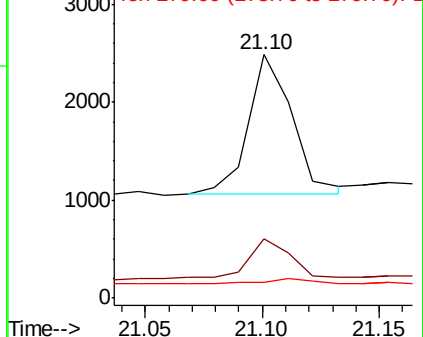
279 3.7 3.4 5.0

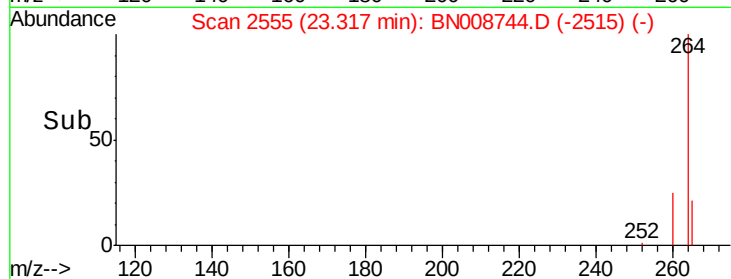
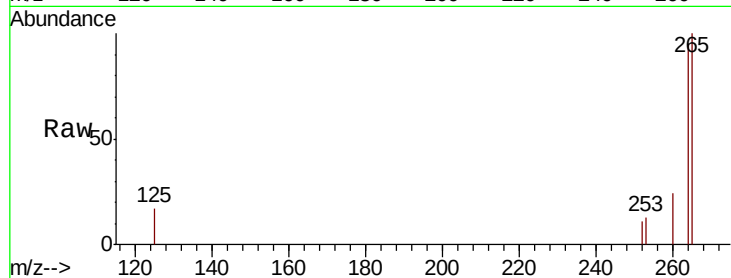
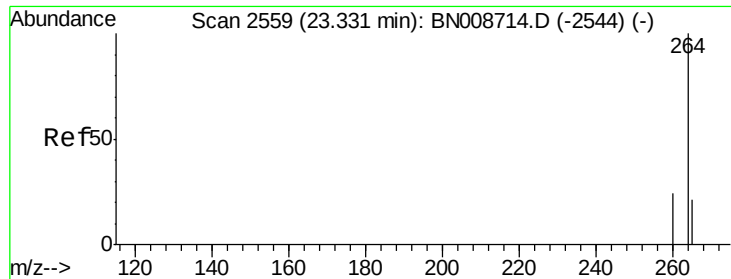


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BN008744.D

Acq: 25 Nov 2019 19:28

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 13121

Ion Ratio Lower Upper

264 100

260 25.8 19.6 29.4

265 105.5 61.8 92.6

