

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112319\
 Data File : BN008737.D
 Acq On : 23 Nov 2019 19:58
 Operator : JU
 Sample : K5987-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 11:47:47 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

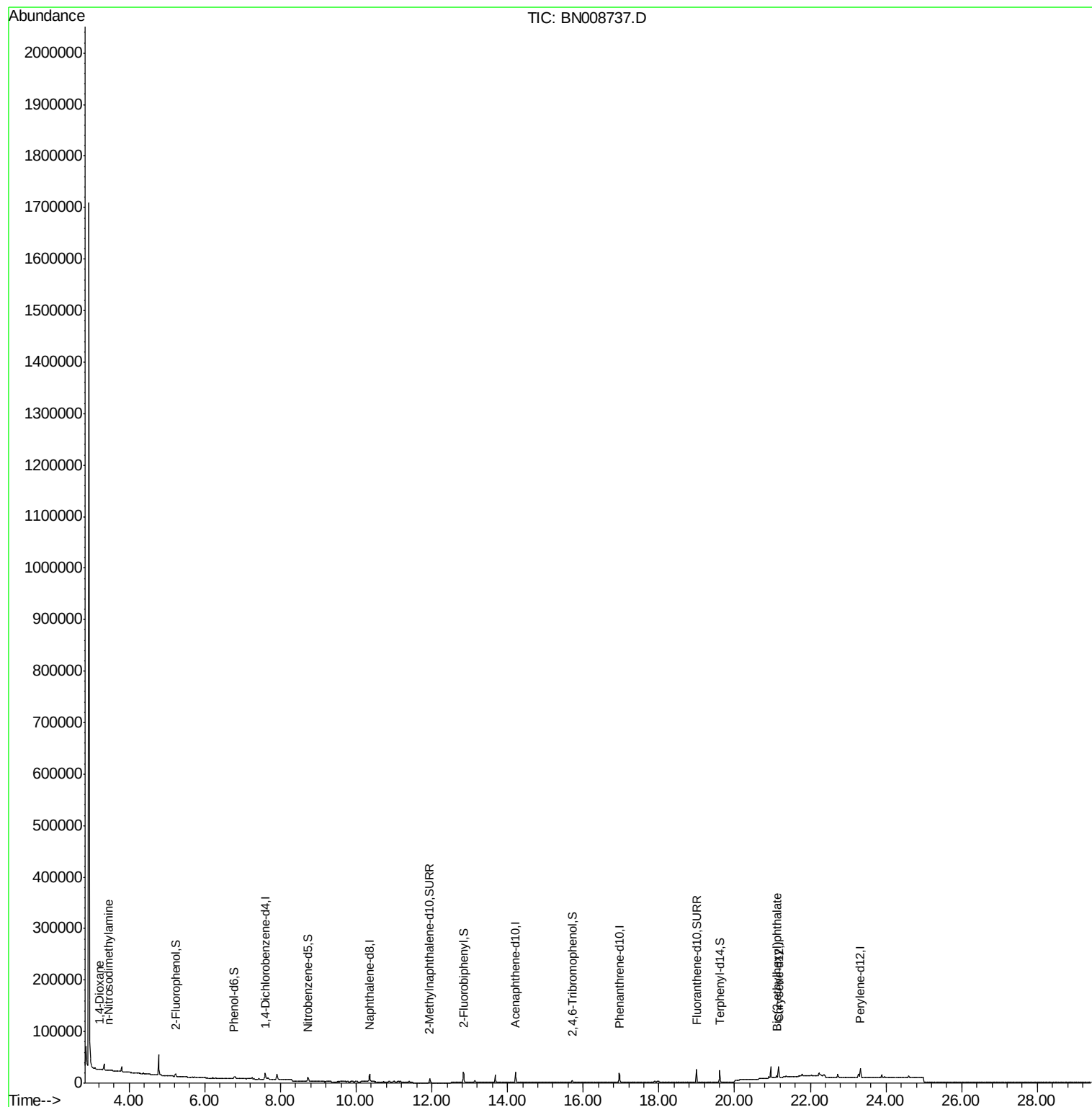
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	5427	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	19777	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	11280	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	22801	0.40	ng	-0.01
27) Chrysene-d12	21.16	240	21413	0.40	ng	0.00
34) Perylene-d12	23.32	264	23161	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	3508	0.25	ng	0.00
5) Phenol-d6	6.78	99	3160	0.18	ng	0.00
8) Nitrobenzene-d5	8.72	82	6851	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	11691	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2272	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	18339	0.42	ng	-0.01
25) Fluoranthene-d10	18.99	212	26618	0.40	ng	0.00
29) Terphenyl-d14	19.60	244	22302	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	464	0.081	ng	Qvalue # 58
3) n-Nitrosodimethylamine	3.47	42	497	0.070	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.11	149	4115	0.081	ng	99

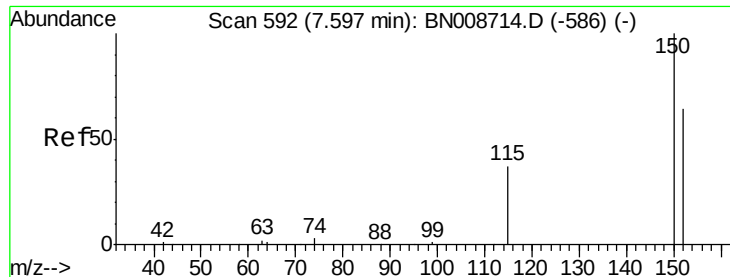
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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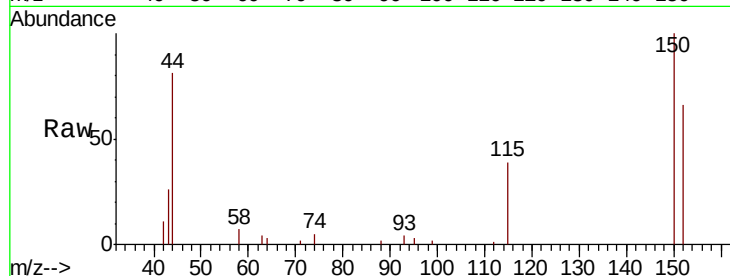


#1

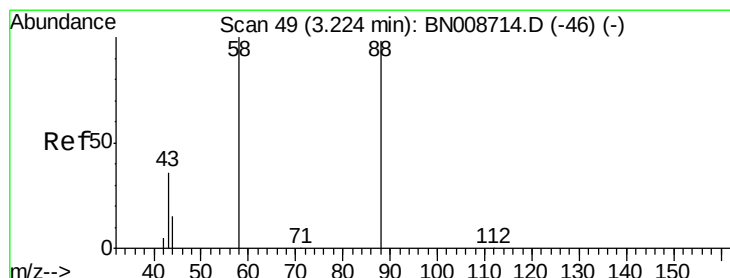
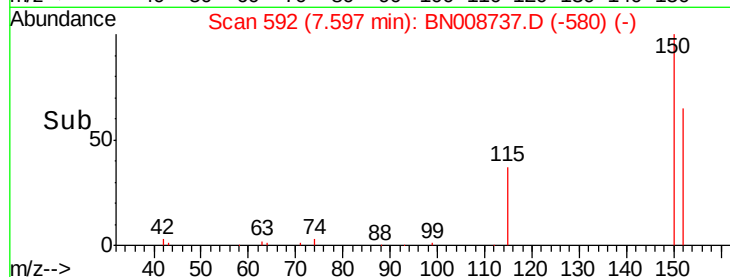
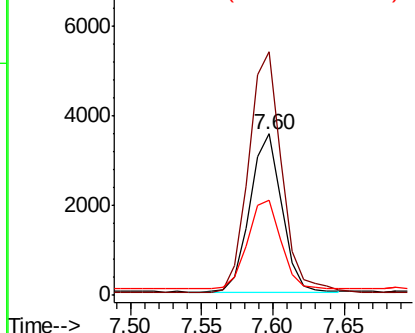
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008737.D
Acq: 23 Nov 2019 19:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5427
Ion Ratio Lower Upper
152 100
150 151.1 124.0 186.0
115 59.0 49.8 74.8



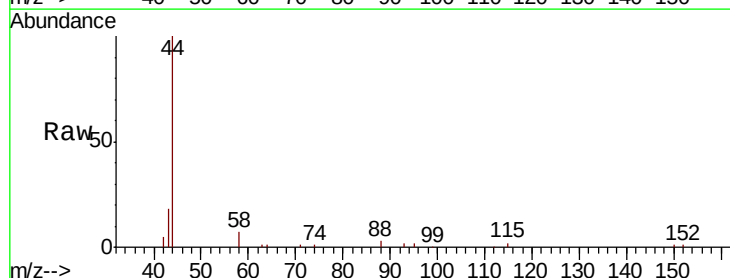
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



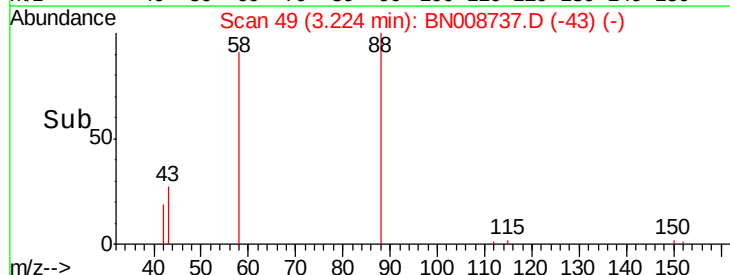
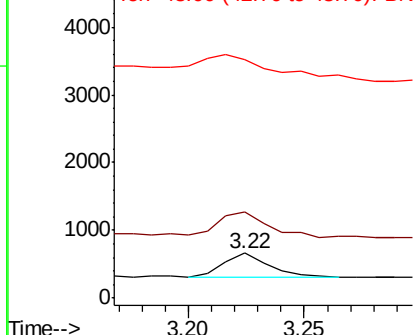
#2

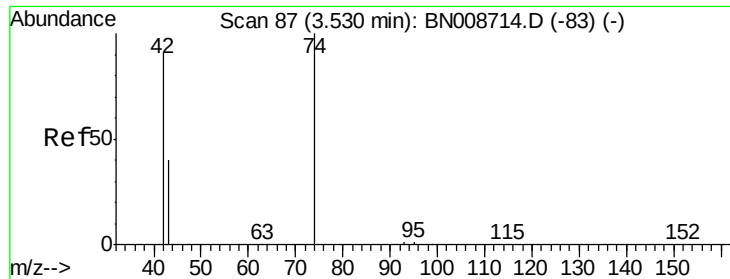
1,4-Dioxane
Concen: 0.081 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008737.D
Acq: 23 Nov 2019 19:58

Tgt Ion: 88 Resp: 464
Ion Ratio Lower Upper
88 100
58 114.0 85.7 128.5
43 123.9 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: 0.070 ng

RT: 3.47 min Scan# 79

Delta R.T. -0.06 min

Lab File: BN008737.D

Acq: 23 Nov 2019 19:58

Instrument :

BNA_N

ClientSampleId :

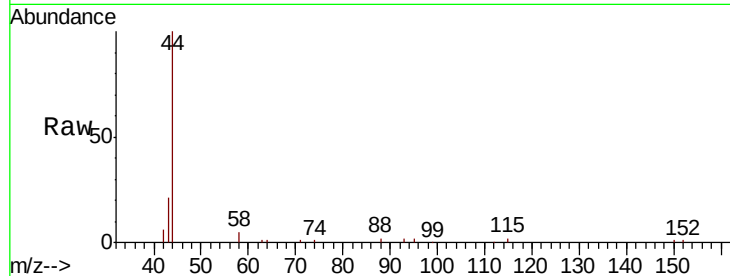
Tot Ion: 42 Resp: 497

Ion Ratio Lower Upper

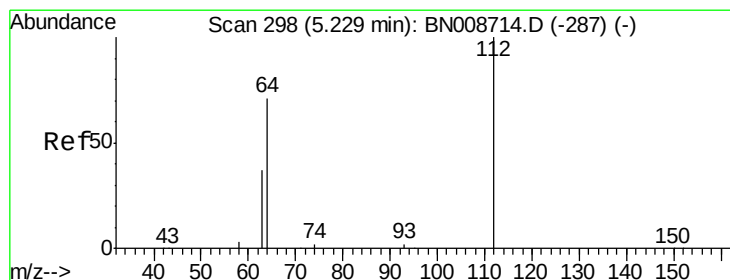
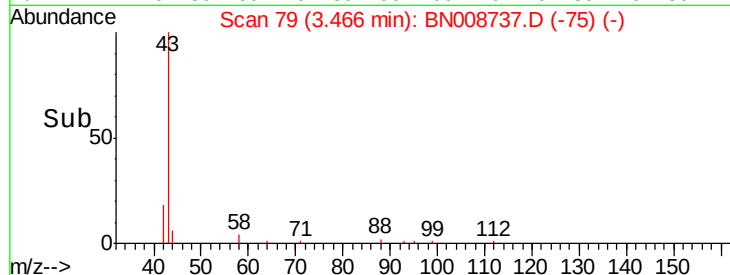
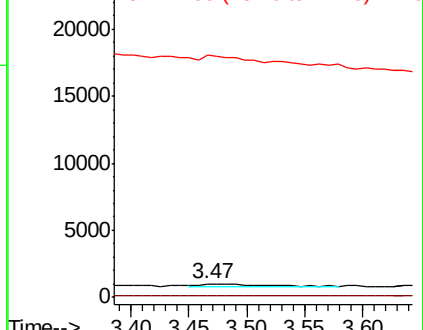
42 100

74 0.0 88.0 132.0#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.247 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN008737.D

Acq: 23 Nov 2019 19:58

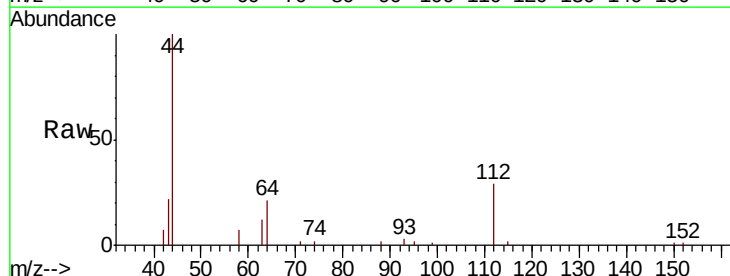
Tgt Ion: 112 Resp: 3508

Ion Ratio Lower Upper

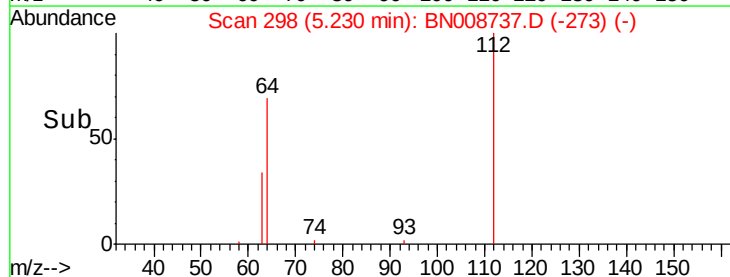
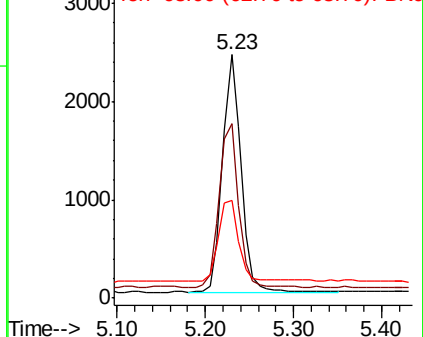
112 100

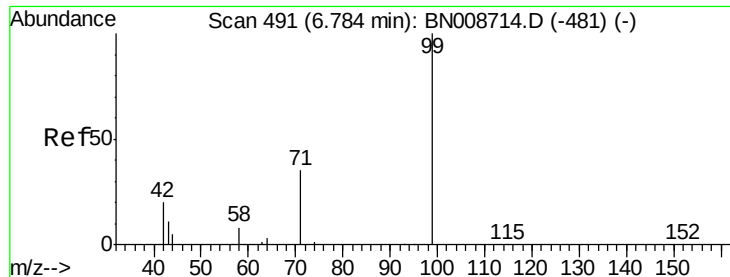
64 70.7 57.1 85.7

63 36.5 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.176 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN008737.D

Acq: 23 Nov 2019 19:58

Instrument :

BNA_N

ClientSampleId :

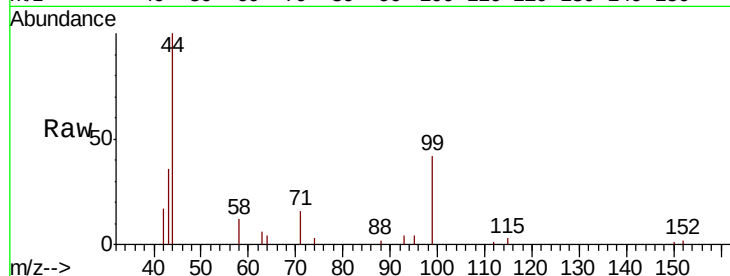
Tot Ion: 99 Resp: 3160

Ion Ratio Lower Upper

99 100

42 27.6 19.4 29.2

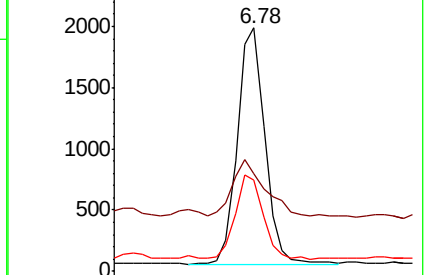
71 35.7 27.5 41.3



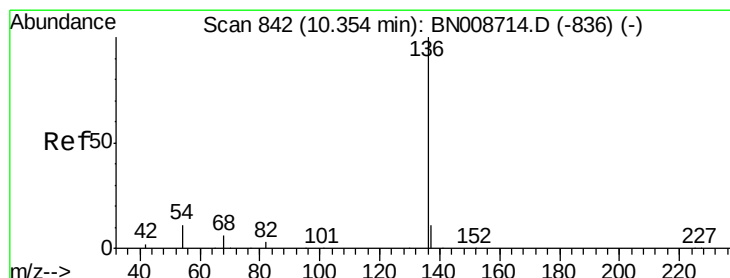
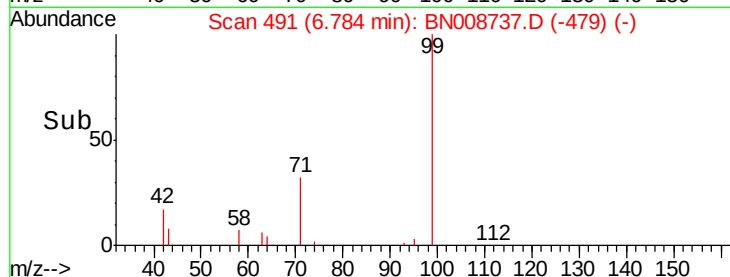
Abundance Ion 99.00 (98.70 to 99.70): BN008737.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008737.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008737.D (-479) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008737.D

Acq: 23 Nov 2019 19:58

Tgt Ion: 136 Resp: 19777

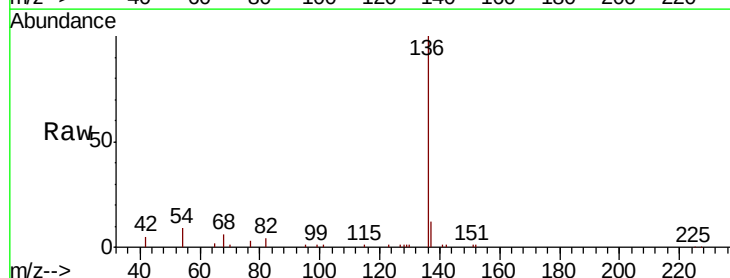
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 9.4 9.4 14.2#

68 6.0 5.8 8.6

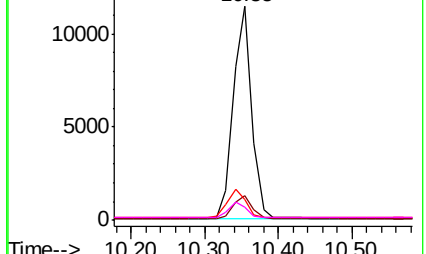


Abundance Ion 136.00 (135.70 to 136.70): BN008737.D (-826) (-)

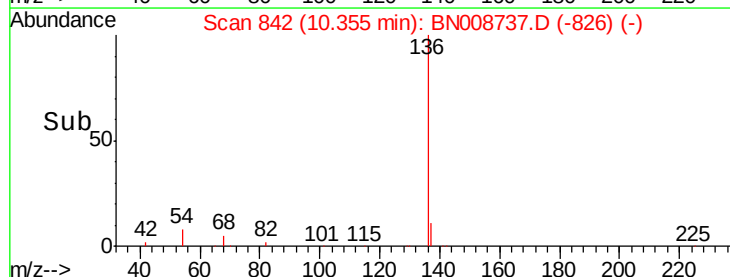
Ion 137.00 (136.70 to 137.70): BN008737.D (-826) (-)

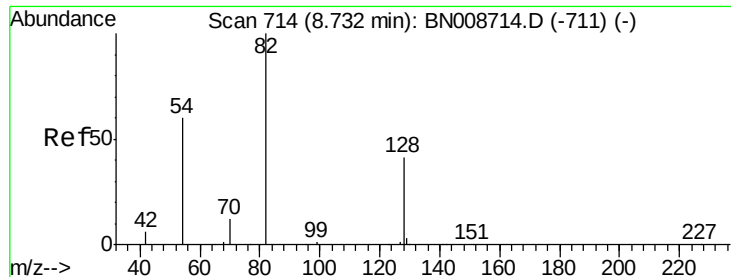
Ion 54.00 (53.70 to 54.70): BN008737.D (-826) (-)

Ion 68.00 (67.70 to 68.70): BN008737.D (-826) (-)



Time-->

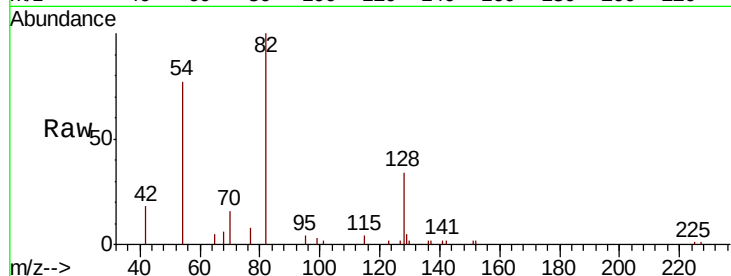




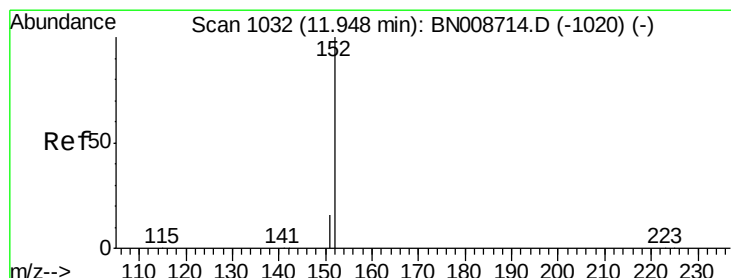
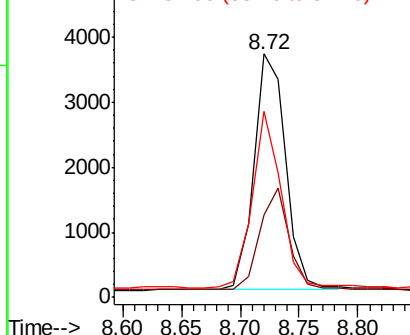
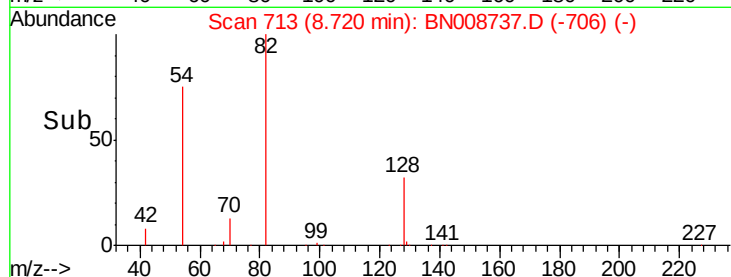
#8
 Nitrobenzene-d5
 Concen: 0.386 ng
 RT: 8.72 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BN008737.D
 Acq: 23 Nov 2019 19:58

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	82	Resp	6851
Ion Ratio	Lower	Upper	
82	100		
128	33.8	34.6	52.0#
54	76.6	50.2	75.4#

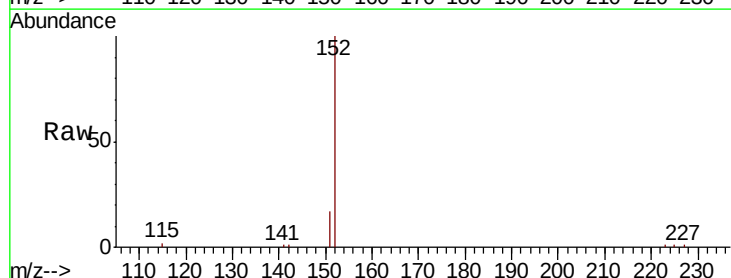


Abundance Ion 82.00 (81.70 to 82.70): BNC
 Ion 128.00 (127.70 to 128.70): BNC
 Ion 54.00 (53.70 to 54.70): BNC

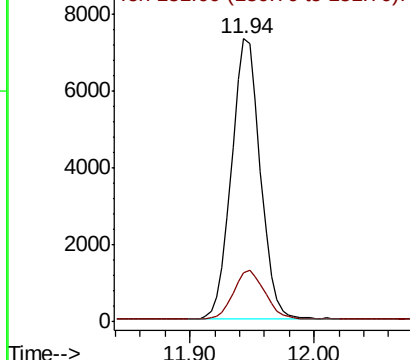
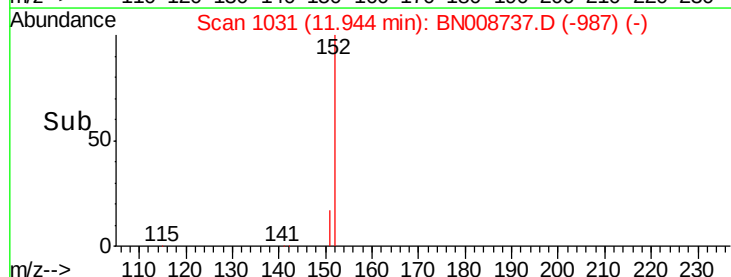


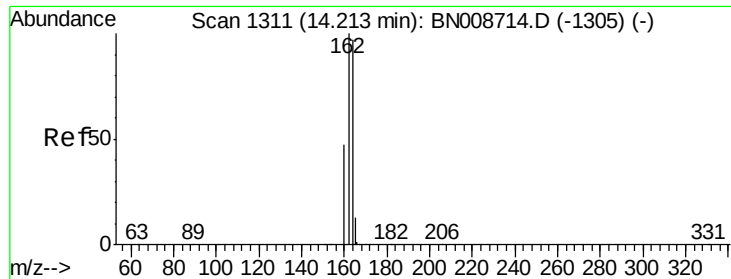
#11
 2-Methylnaphthalene-d10
 Concen: 0.374 ng
 RT: 11.94 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BN008737.D
 Acq: 23 Nov 2019 19:58

Tgt Ion	152	Resp	11691
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.2	22.8



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

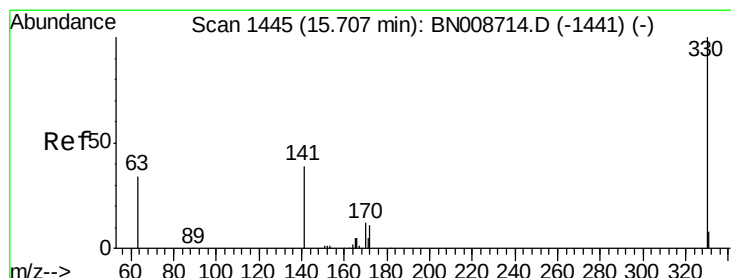
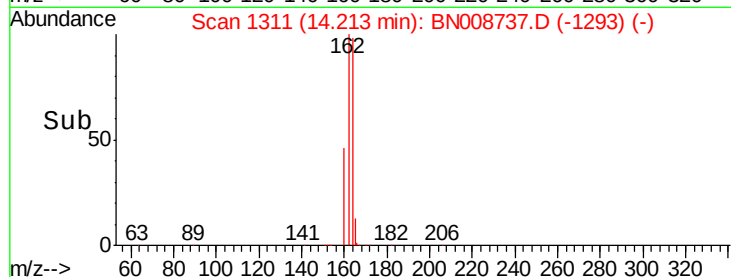
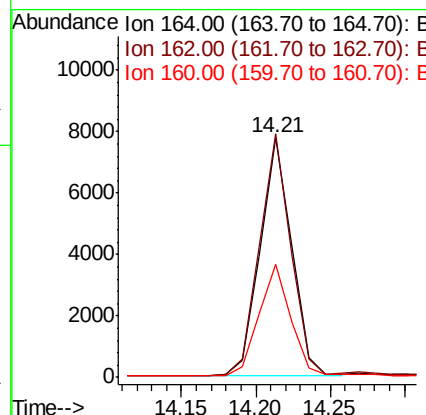
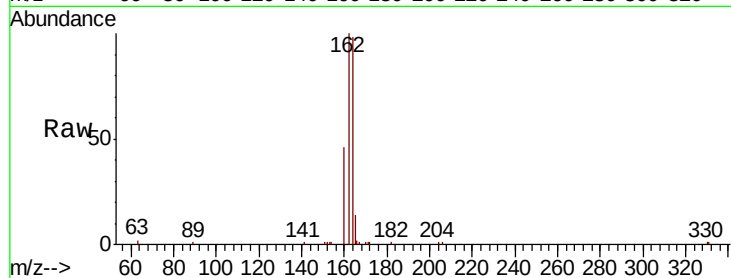




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008737.D
Acq: 23 Nov 2019 19:58

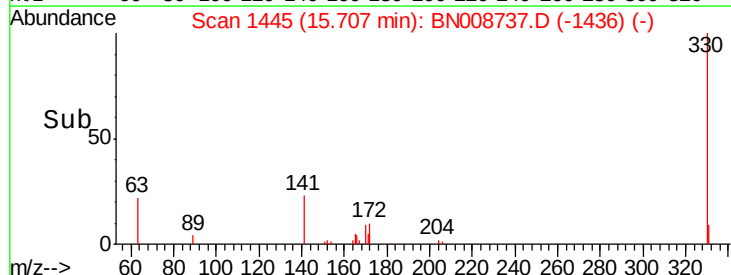
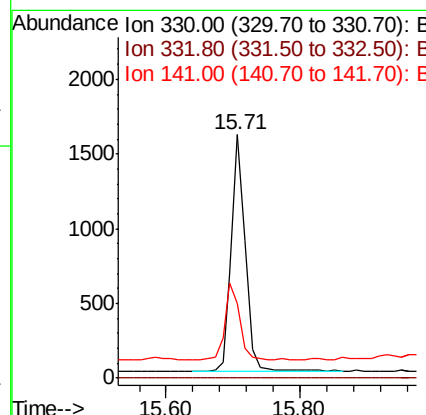
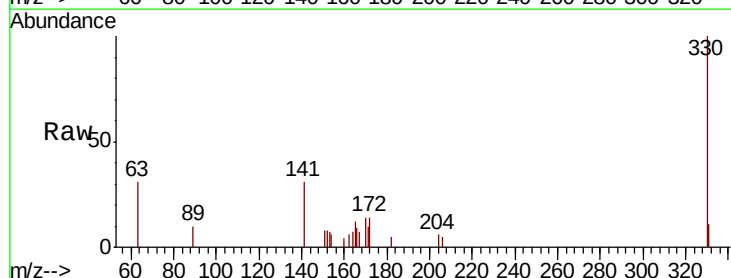
Instrument :
BNA_N
ClientSampled :

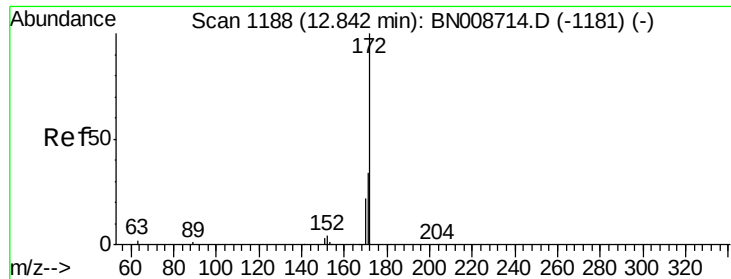
Tot Ion:164 Resp: 11280
Ion Ratio Lower Upper
164 100
162 101.7 82.2 123.4
160 47.3 38.7 58.1



#14
2,4,6-Tribromophenol
Concen: 0.433 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN008737.D
Acq: 23 Nov 2019 19:58

Tgt Ion:330 Resp: 2272
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.3 29.5 44.3

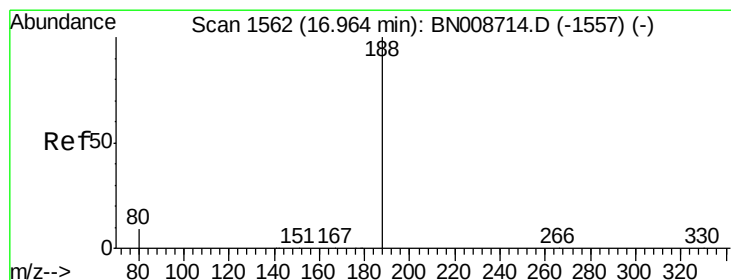
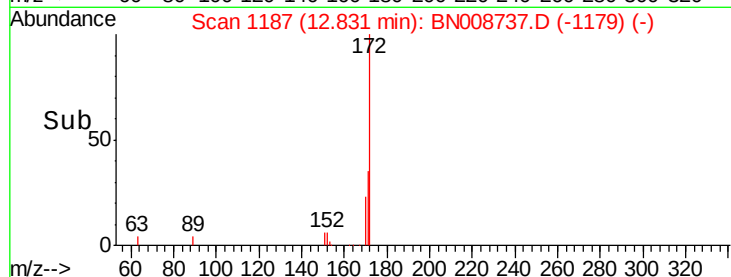
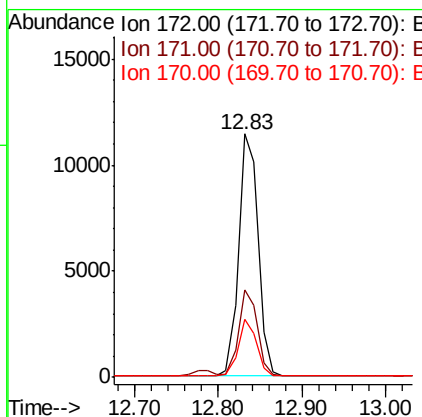
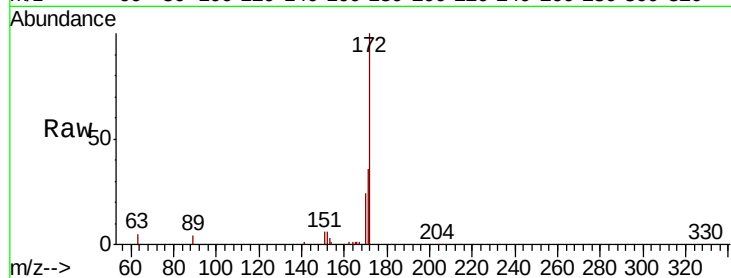




#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008737.D
Acq: 23 Nov 2019 19:58

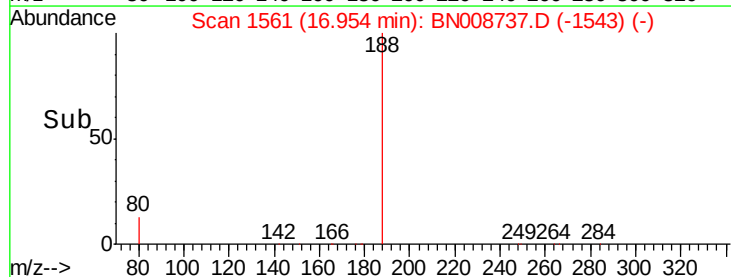
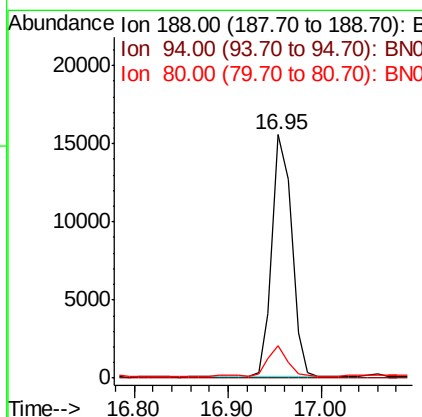
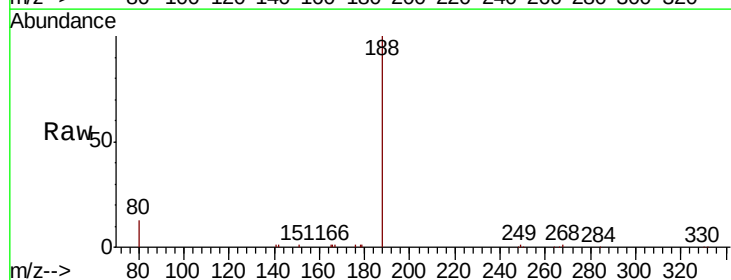
Instrument :
BNA_N
ClientSampleId :

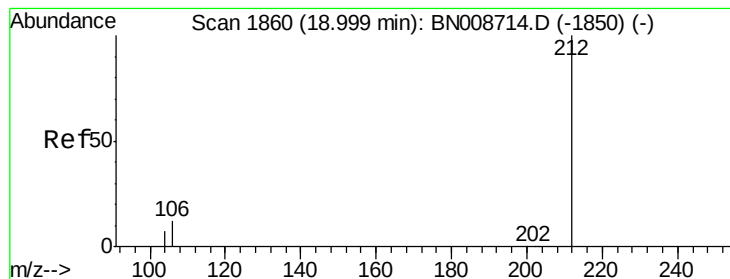
Tot Ion:172 Resp: 18339
Ion Ratio Lower Upper
172 100
171 35.7 27.3 40.9
170 23.7 17.8 26.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN008737.D
Acq: 23 Nov 2019 19:58

Tgt Ion:188 Resp: 22801
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 7.4 11.0#





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN008737.D

Acq: 23 Nov 2019 19:58

Instrument :

BNA_N

ClientSampleId :

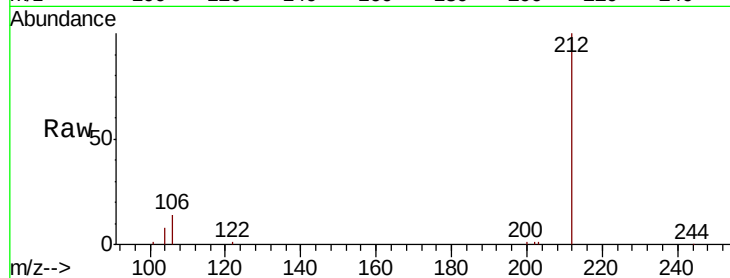
Tot Ion:212 Resp: 26618

Ion Ratio Lower Upper

212 100

106 14.2 10.6 15.8

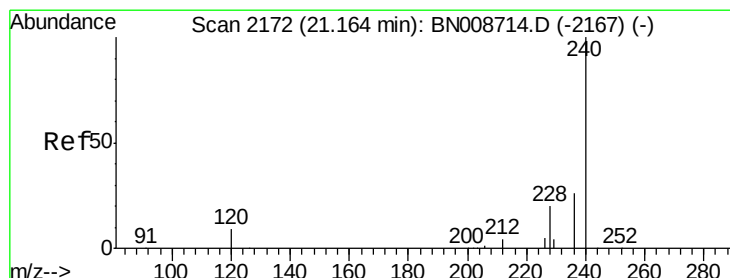
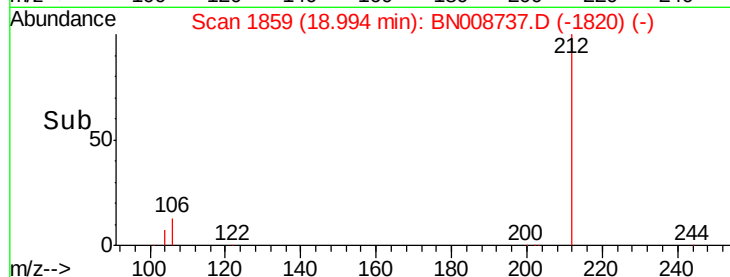
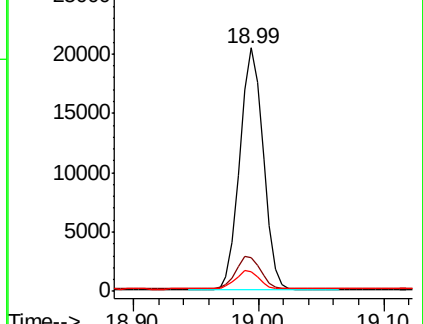
104 7.6 6.0 9.0



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: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN008737.D

Acq: 23 Nov 2019 19:58

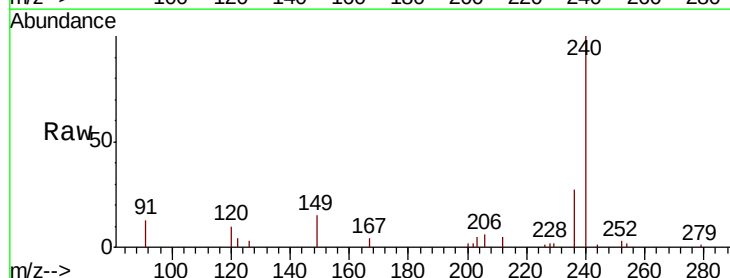
Tgt Ion:240 Resp: 21413

Ion Ratio Lower Upper

240 100

120 10.2 9.0 13.4

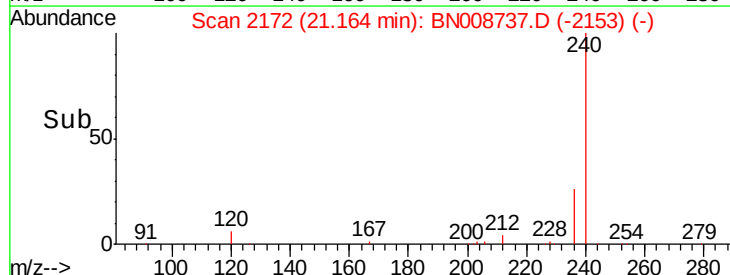
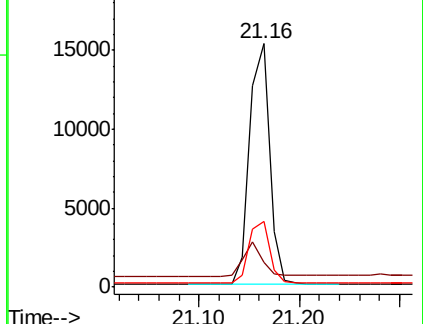
236 26.8 21.8 32.6

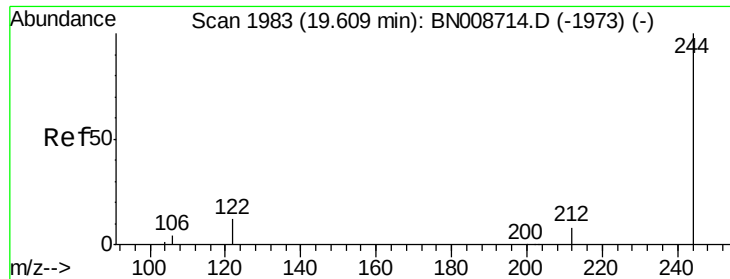


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.433 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN008737.D

Acq: 23 Nov 2019 19:58

Instrument :

BNA_N

ClientSampled :

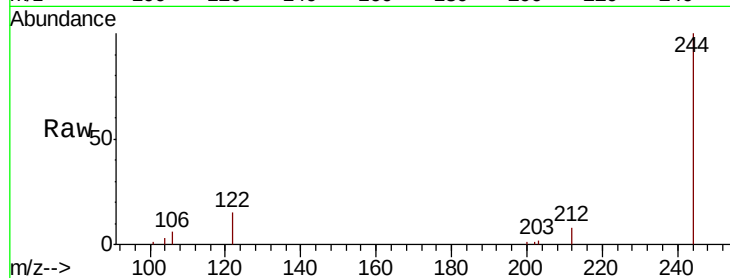
Tot Ion:244 Resp: 22302

Ion Ratio Lower Upper

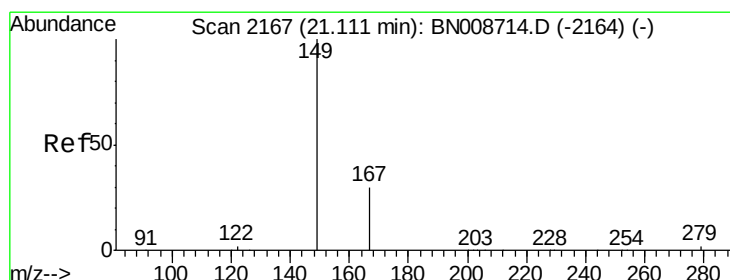
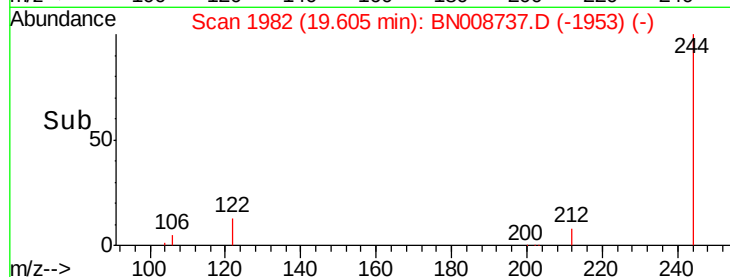
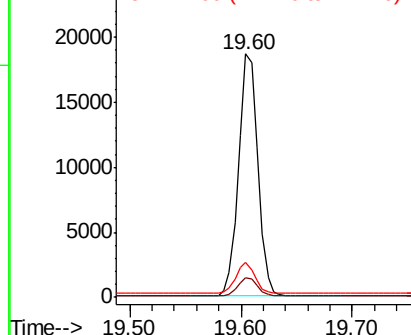
244 100

212 8.3 6.6 9.8

122 14.6 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: 0.081 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN008737.D

Acq: 23 Nov 2019 19:58

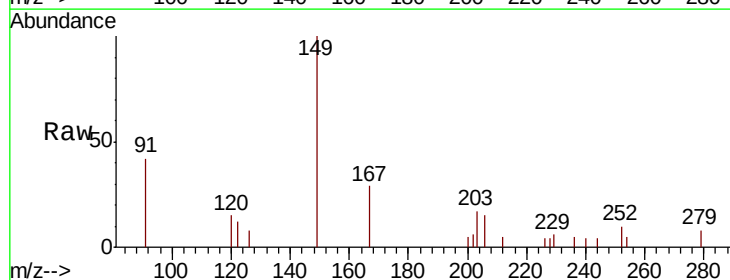
Tgt Ion:149 Resp: 4115

Ion Ratio Lower Upper

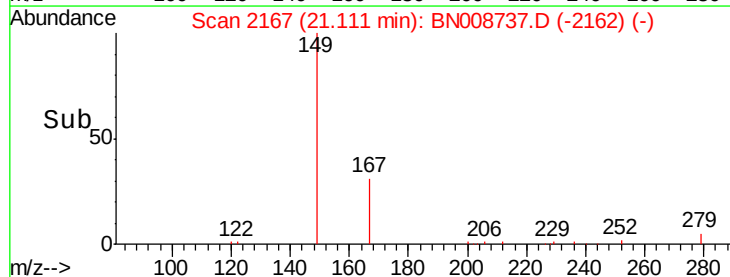
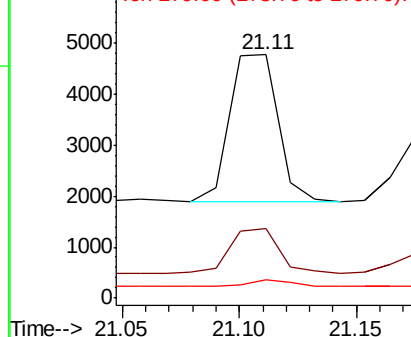
149 100

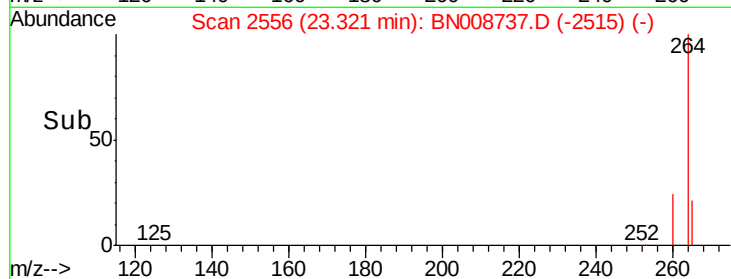
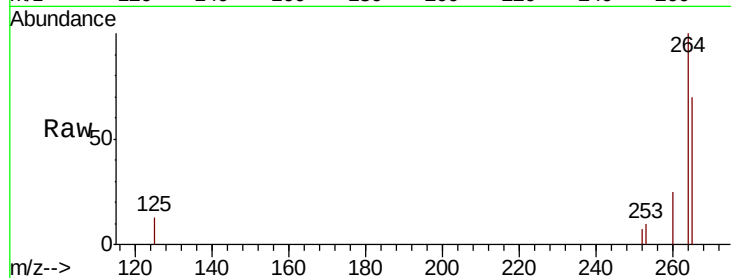
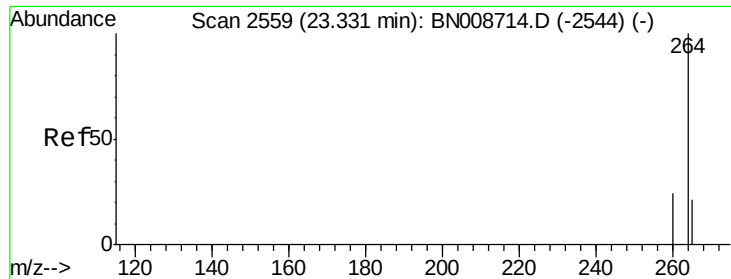
167 29.6 23.5 35.3

279 4.9 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: BN008737.D

Acq: 23 Nov 2019 19:58

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 23161

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

265 70.4 61.8 92.6

