

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007728.D
 Acq On : 19 Sep 2019 04:38
 Operator : HP/JU
 Sample : K4896-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 07:27:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

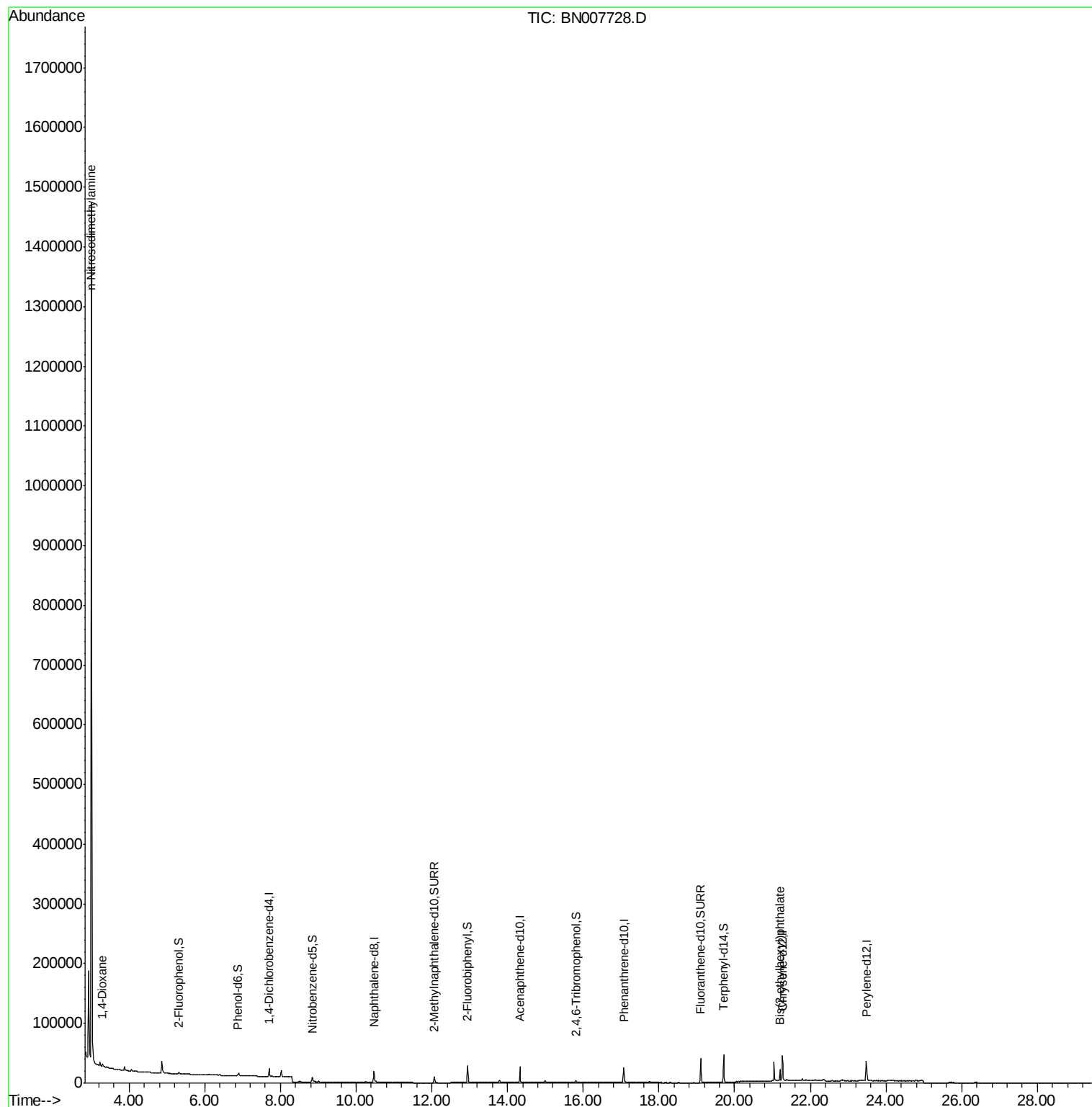
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6153	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	23907	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	14896	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	34410	0.40	ng	0.00
27) Chrysene-d12	21.26	240	39028	0.40	ng	-0.01
34) Perylene-d12	23.48	264	42549	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2492	0.12	ng	0.00
5) Phenol-d6	6.87	99	1954	0.07	ng	0.00
8) Nitrobenzene-d5	8.83	82	7190	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	14399	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2305	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	26388	0.43	ng	0.00
25) Fluoranthene-d10	19.10	212	45870	0.40	ng	0.00
29) Terphenyl-d14	19.71	244	46317	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	3646	0.532	ng	Qvalue # 81
3) n-Nitrosodimethylamine	3.01	42	108309	34.481	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.20	149	14884	0.201	ng	100

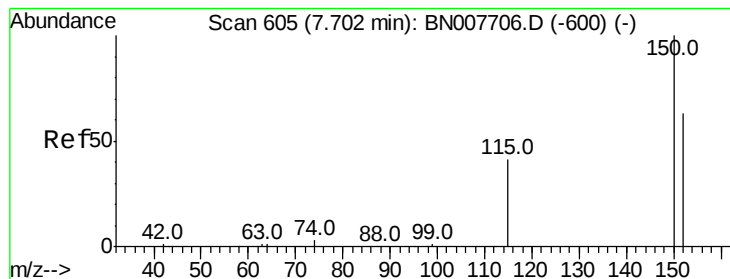
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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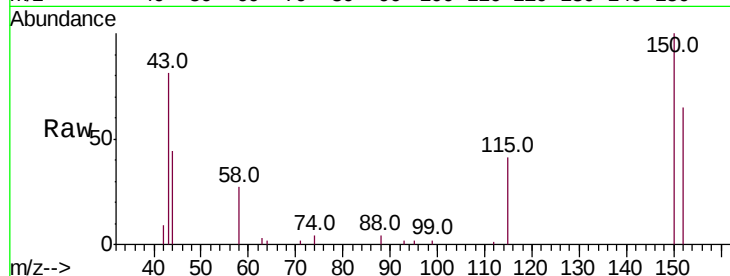


#1

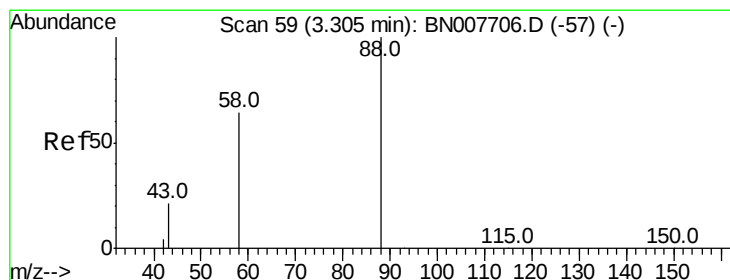
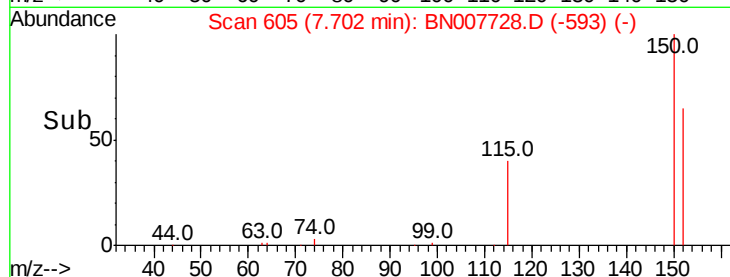
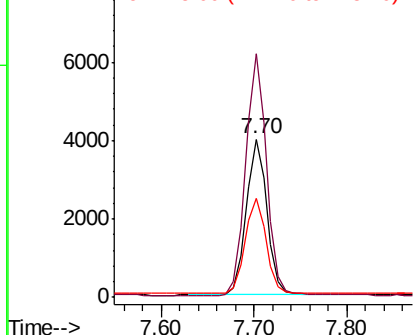
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007728.D
Acq: 19 Sep 2019 04:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 6153
Ion Ratio Lower Upper
152 100
150 153.8 125.6 188.4
115 62.7 53.3 79.9



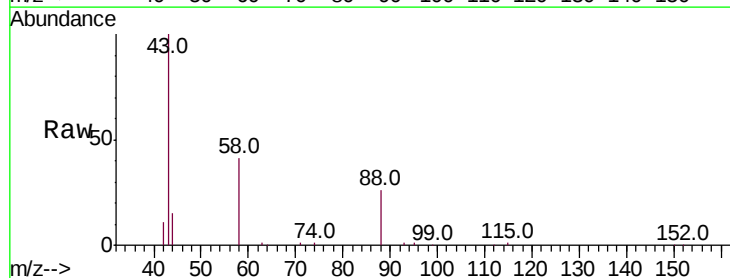
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



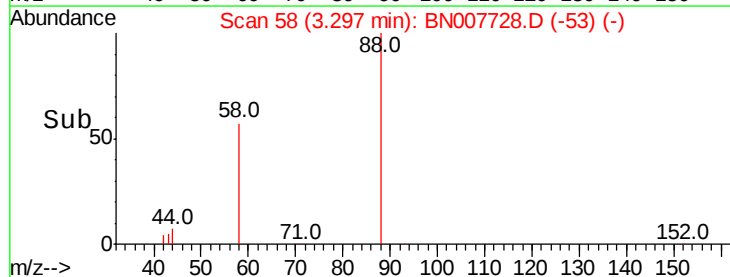
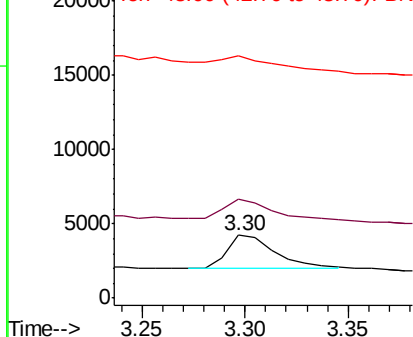
#2

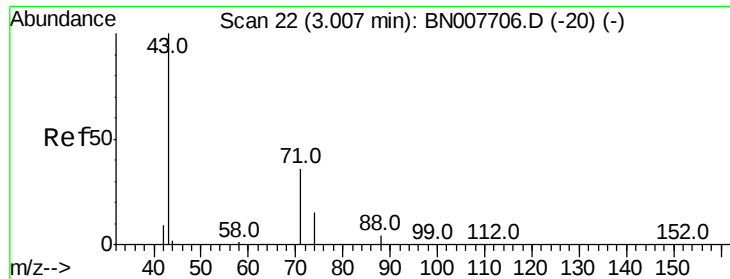
1,4-Dioxane
Concen: 0.532 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007728.D
Acq: 19 Sep 2019 04:38

Tgt Ion: 88 Resp: 3646
Ion Ratio Lower Upper
88 100
58 59.5 44.6 66.8
43 45.9 14.4 21.6#



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: 34.481 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

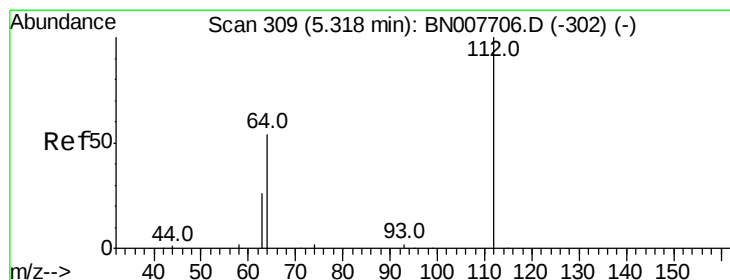
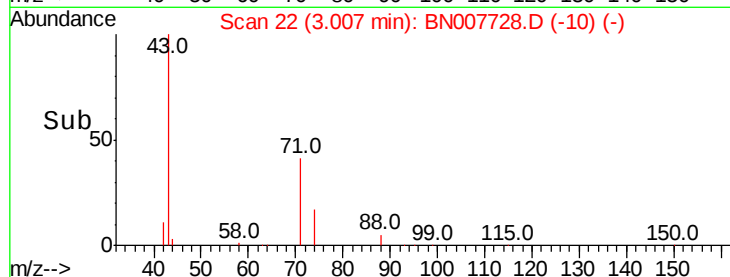
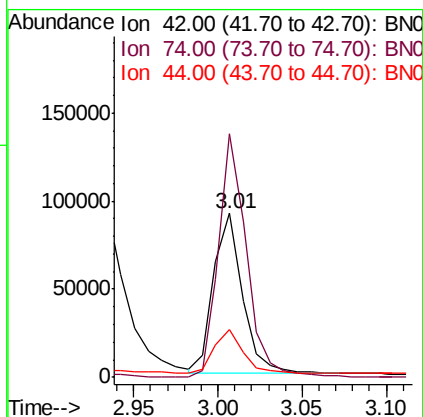
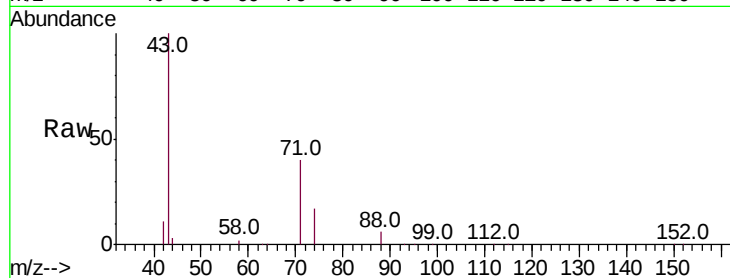
Lab File: BN007728.D

Acq: 19 Sep 2019 04:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 42 Resp: 108309

Ion	Ratio	Lower	Upper
42	100		
74	145.9	87.9	131.9#
44	26.7	29.4	44.0#



#4

2-Fluorophenol

Concen: 0.118 ng

RT: 5.32 min Scan# 309

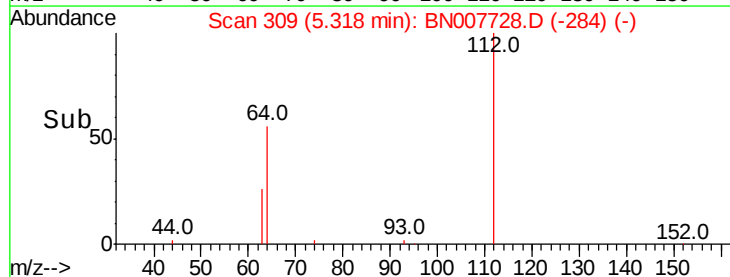
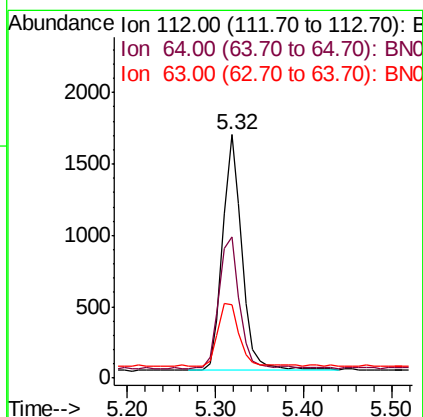
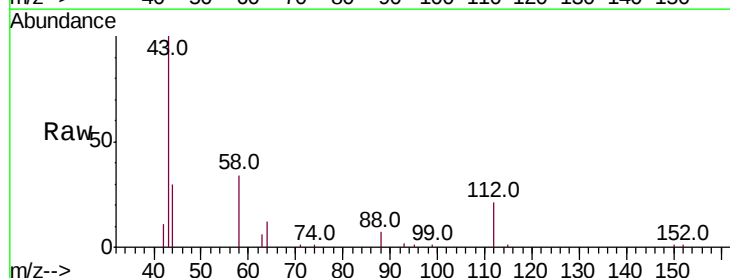
Delta R.T. 0.00 min

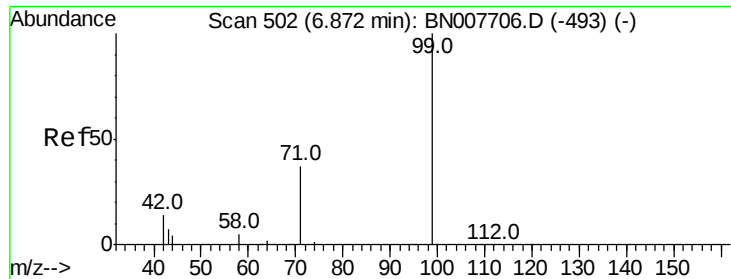
Lab File: BN007728.D

Acq: 19 Sep 2019 04:38

Tgt Ion: 112 Resp: 2492

Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.6	70.0
63	29.5	23.1	34.7





#5

Phenol-d6

Concen: 0.069 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007728.D

Acq: 19 Sep 2019 04:38

Instrument :

BNA_N

ClientSampled :

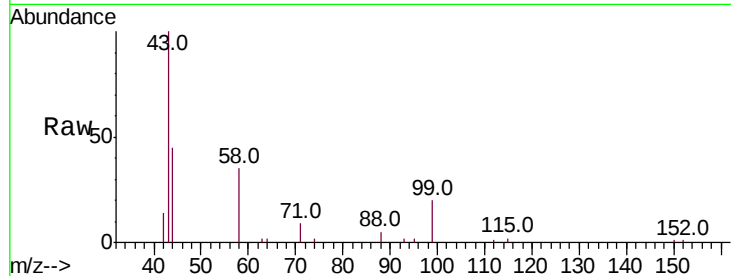
Tot Ion: 99 Resp: 1954

Ion Ratio Lower Upper

99 100

42 31.2 12.8 19.2#

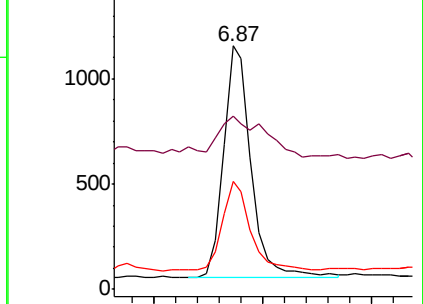
71 40.4 27.6 41.4



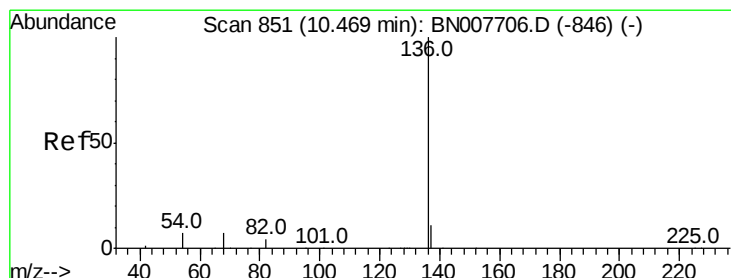
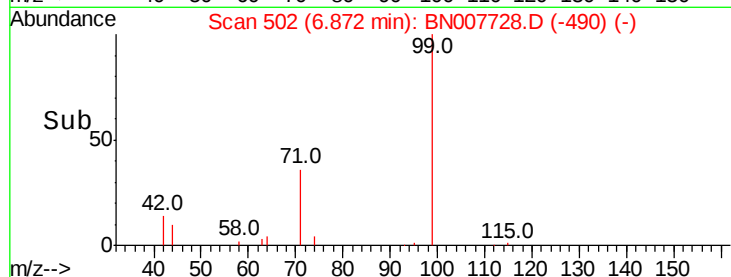
Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007728.D

Acq: 19 Sep 2019 04:38

Tgt Ion: 136 Resp: 23907

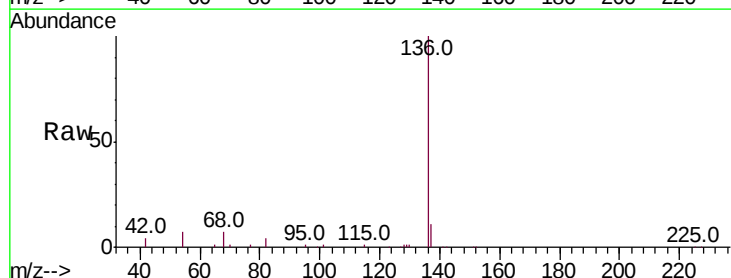
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.7 5.8 8.8

68 7.1 6.5 9.7

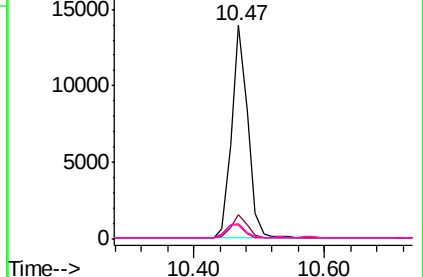


Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

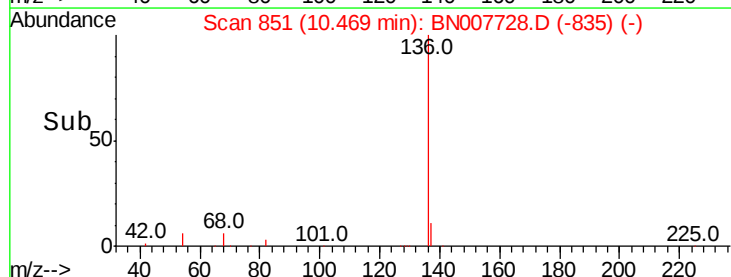
Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

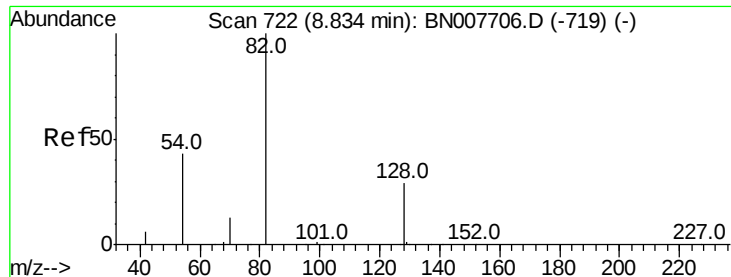
Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)



Time-->





#8

Nitrobenzene-d5

Concen: 0.344 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007728.D

Acq: 19 Sep 2019 04:38

Instrument :

BNA_N

ClientSampleId :

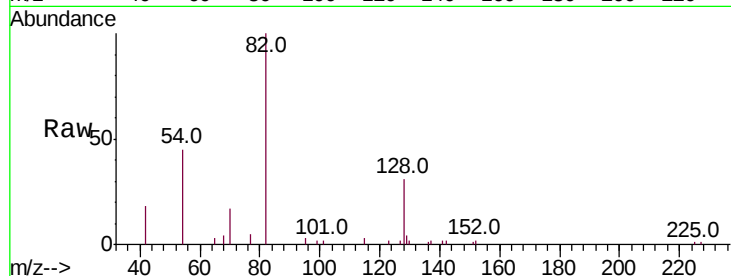
Tot Ion: 82 Resp: 7190

Ion Ratio Lower Upper

82 100

128 30.7 24.5 36.7

54 45.0 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)

8.83

4000

3000

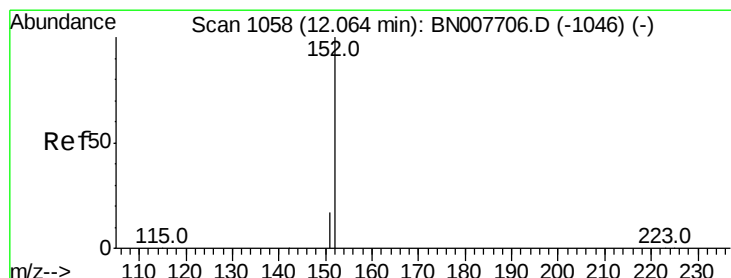
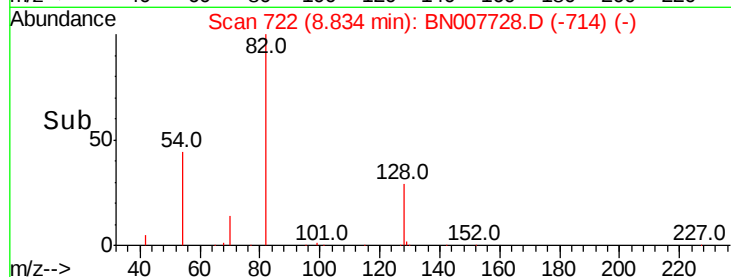
2000

1000

0

8.70 8.75 8.80 8.85 8.90

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.358 ng

RT: 12.06 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BN007728.D

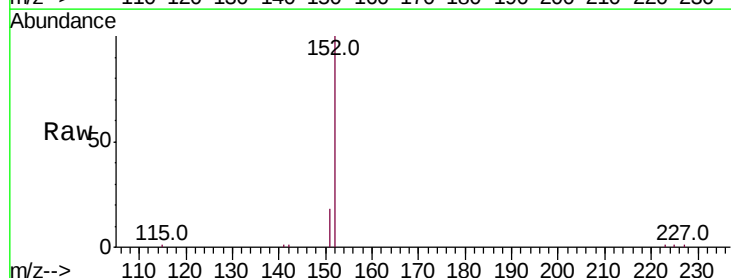
Acq: 19 Sep 2019 04:38

Tgt Ion: 152 Resp: 14399

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN007706.D (-1046) (-)

Ion 151.00 (150.70 to 151.70): BN007706.D (-1046) (-)

10000

8000

6000

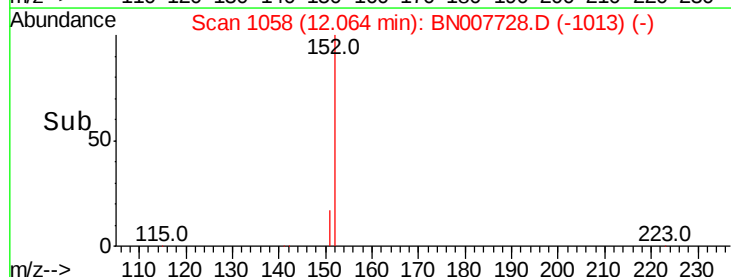
4000

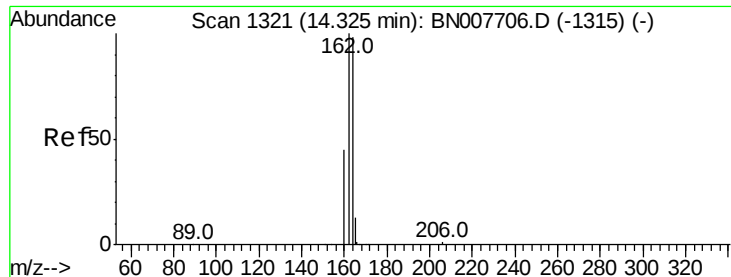
2000

0

12.00 12.10 12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BN007728.D

Acq: 19 Sep 2019 04:38

Instrument :

BNA_N

ClientSampled :

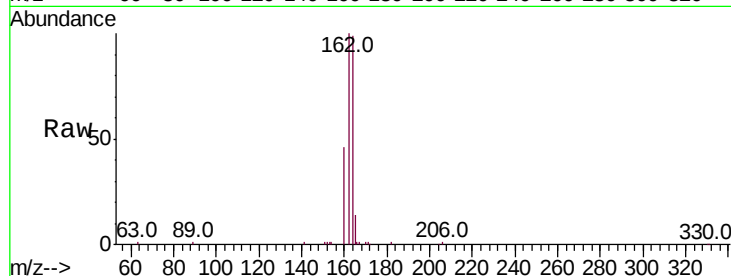
Tot Ion:164 Resp: 14896

Ion Ratio Lower Upper

164 100

162 100.7 81.7 122.5

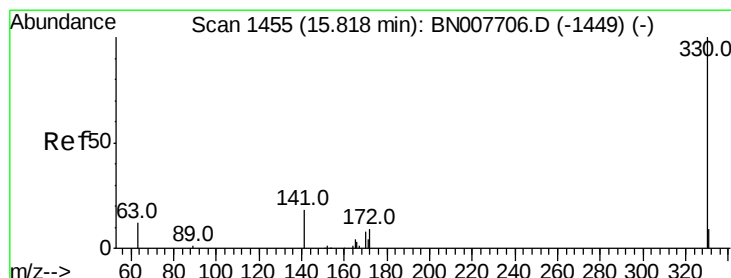
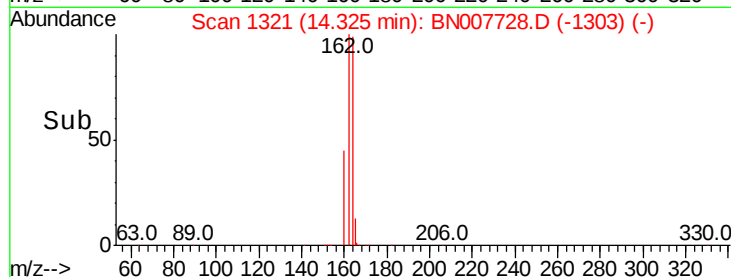
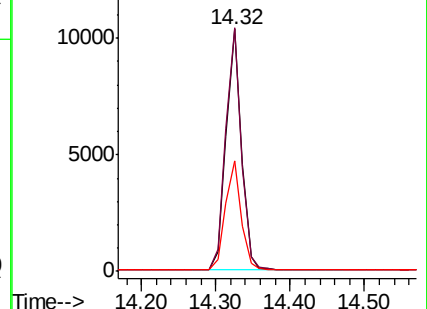
160 46.0 37.0 55.4



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: 0.284 ng

RT: 15.82 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BN007728.D

Acq: 19 Sep 2019 04:38

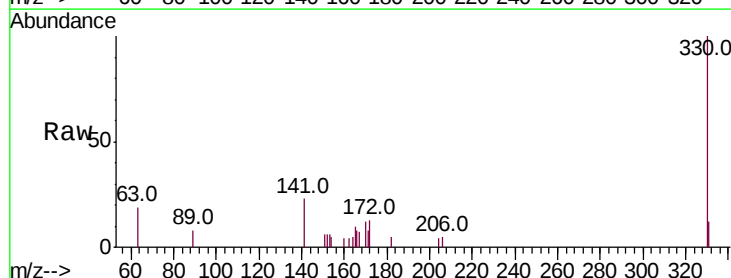
Tgt Ion:330 Resp: 2305

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

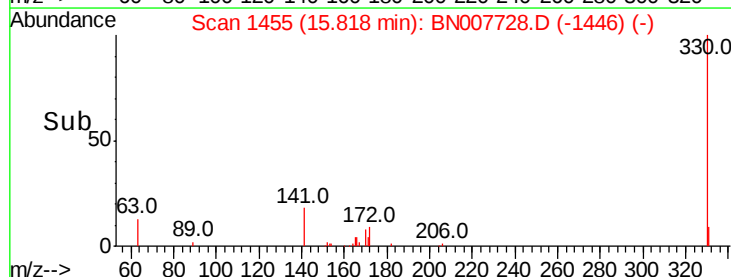
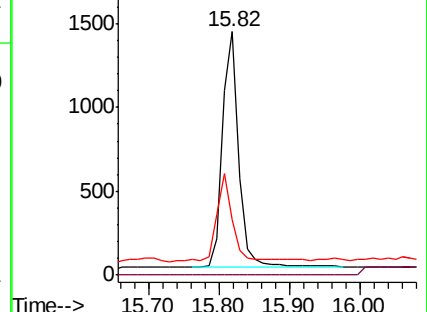
141 34.5 28.7 43.1

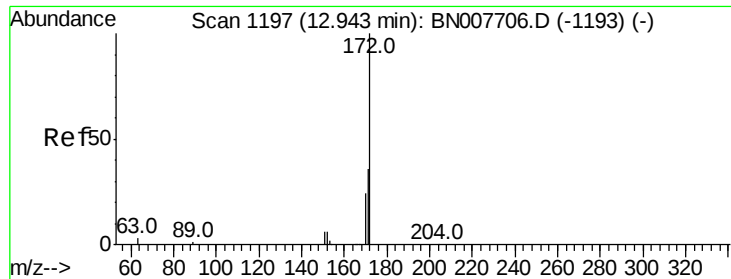


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

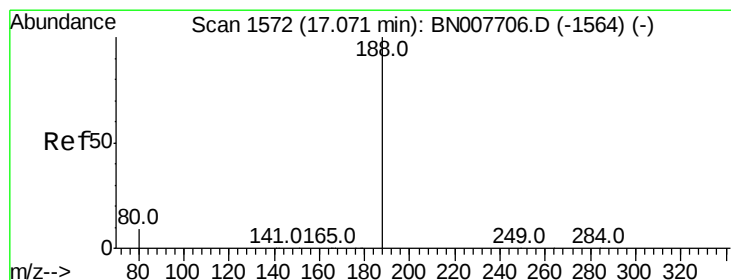
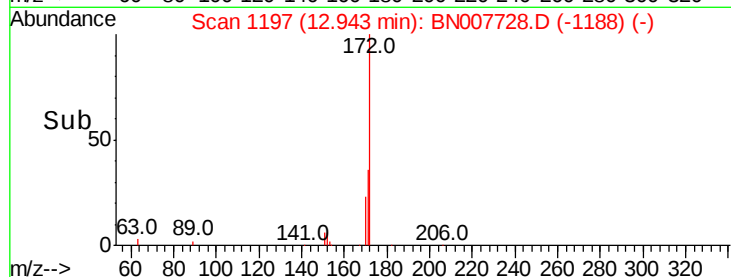
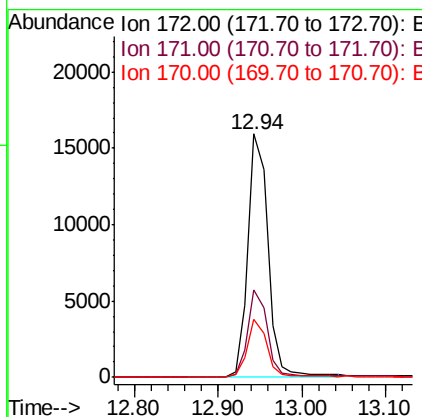
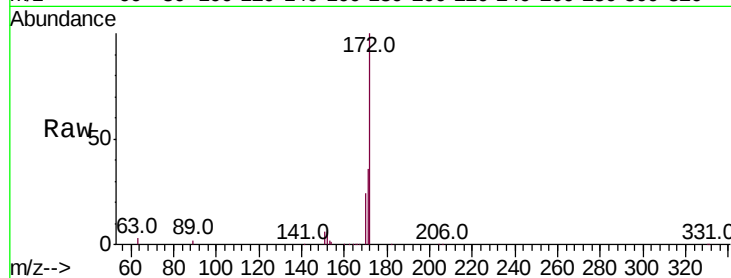




#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 12.94 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BN007728.D
Acq: 19 Sep 2019 04:38

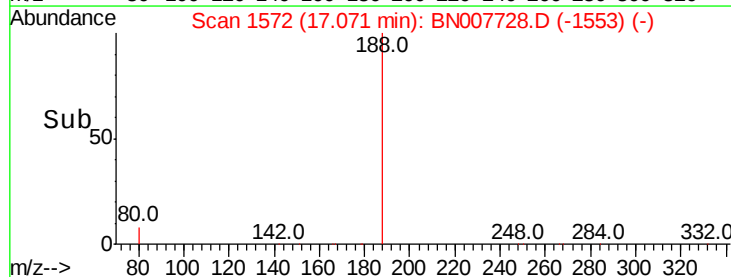
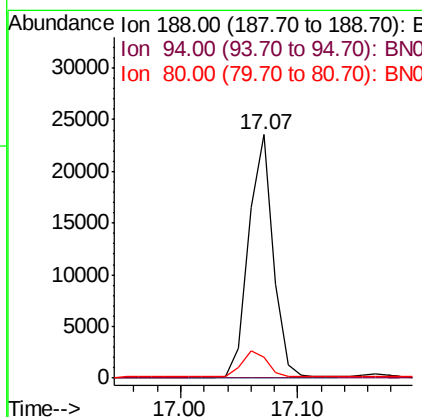
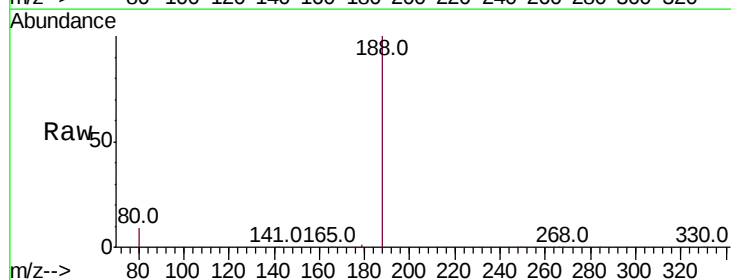
Instrument :
BNA_N
ClientSampleId :

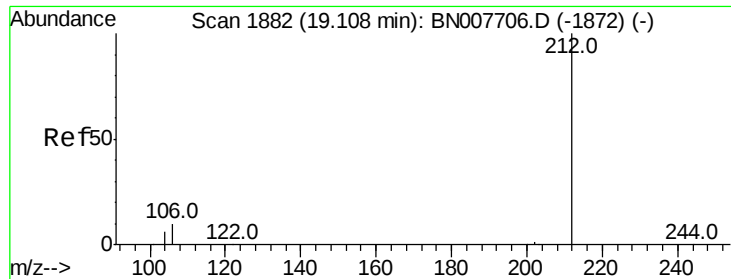
Tot Ion:172 Resp: 26388
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.7 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BN007728.D
Acq: 19 Sep 2019 04:38

Tgt Ion:188 Resp: 34410
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 7.4 11.2





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BN007728.D

Acq: 19 Sep 2019 04:38

Instrument :

BNA_N

ClientSampleId :

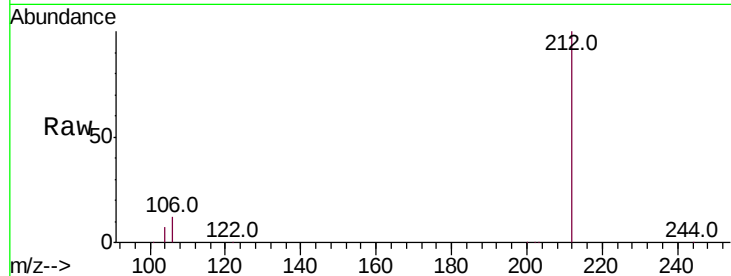
Tot Ion:212 Resp: 45870

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

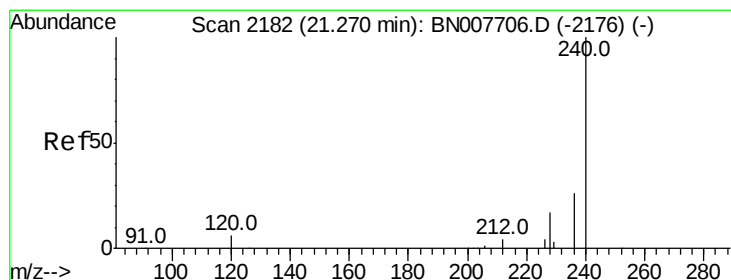
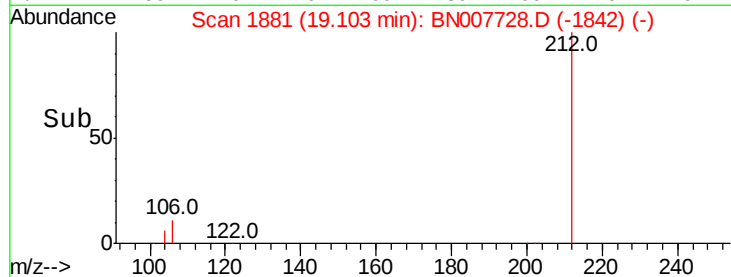
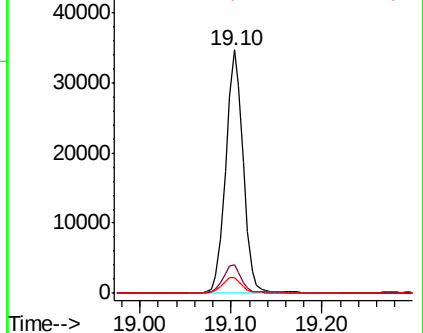
104 6.8 5.3 7.9



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: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007728.D

Acq: 19 Sep 2019 04:38

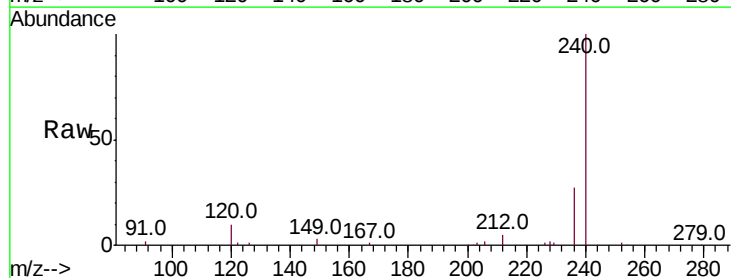
Tgt Ion:240 Resp: 39028

Ion Ratio Lower Upper

240 100

120 10.4 5.4 8.2#

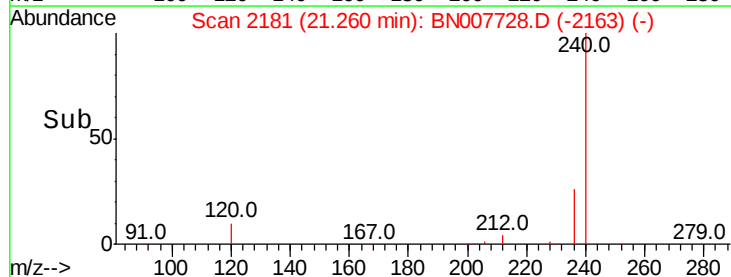
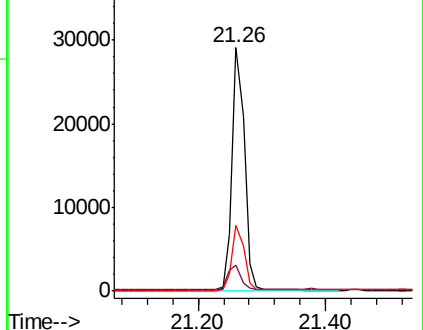
236 26.8 21.0 31.4

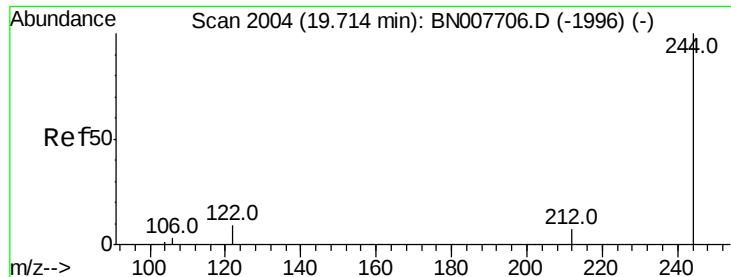


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.483 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BN007728.D

Acq: 19 Sep 2019 04:38

Instrument :

BNA_N

ClientSampleId :

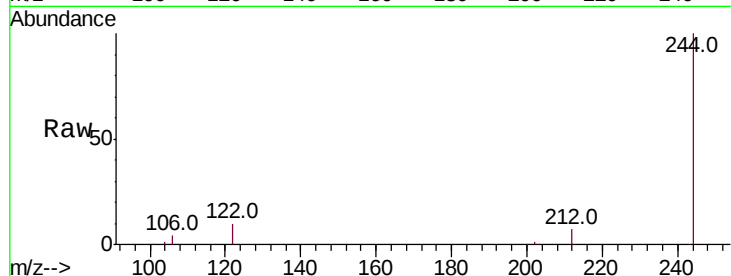
Tot Ion:244 Resp: 46317

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

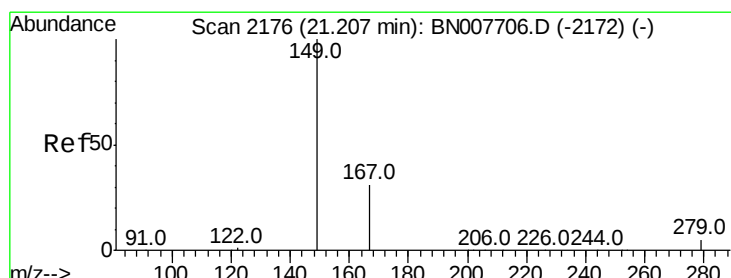
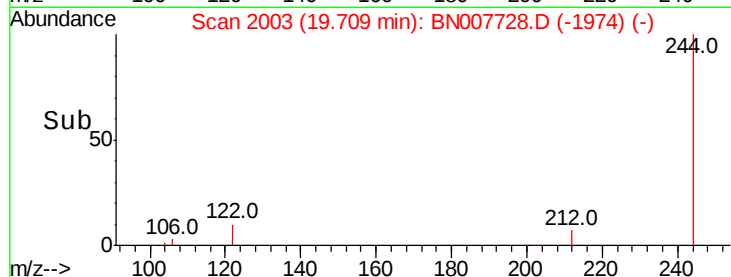
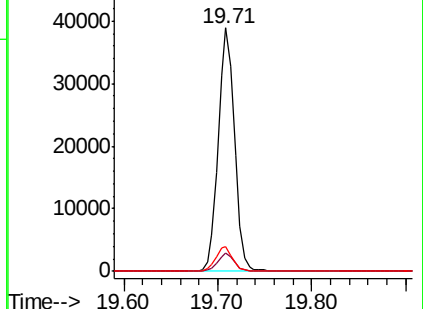
122 10.1 7.4 11.2



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: 0.201 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007728.D

Acq: 19 Sep 2019 04:38

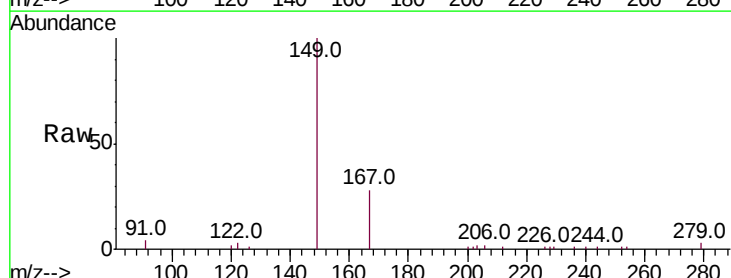
Tgt Ion:149 Resp: 14884

Ion Ratio Lower Upper

149 100

167 29.4 23.7 35.5

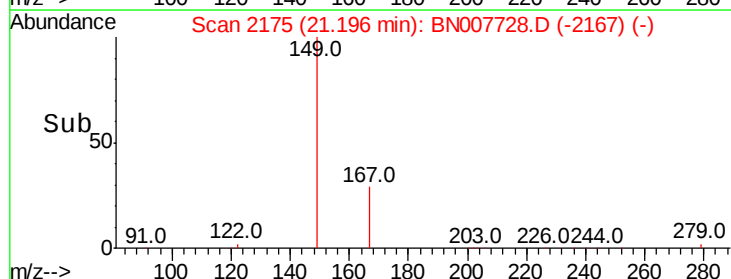
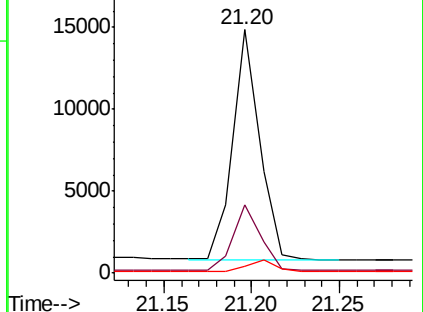
279 5.0 4.2 6.2

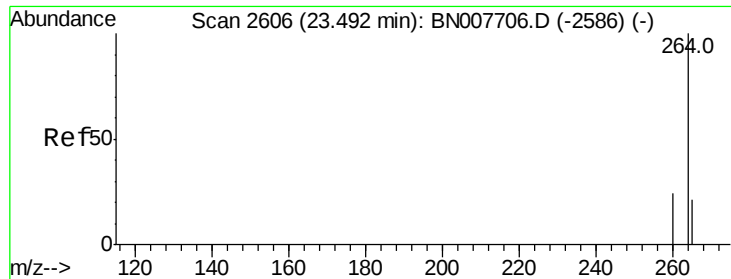


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.48 min Scan# 2603
 Delta R.T. -0.01 min
 Lab File: BN007728.D
 Acq: 19 Sep 2019 04:38

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:264 Resp: 42549
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 31.8 26.9 40.3

