

Data File : BN007791.D
Acq On : 21 Sep 2019 08:27
Operator : HP/JU
Sample : K4974-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP04-20190916

Quant Time: Sep 23 01:56:14 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	7.69	152	6461	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	24116	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	13897	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	31256	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	34200	0.40	ng	-0.02
34) Perylene-d12	23.47	264	39361	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	2149	0.10	ng	0.00
5) Phenol-d6	6.87	99	1607	0.05	ng	0.00
8) Nitrobenzene-d5	8.83	82	5652	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	13531	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1359	0.18	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	19384	0.34	ng	-0.01
25) Fluoranthene-d10	19.09	212	36171	0.34	ng	-0.01
29) Terphenyl-d14	19.70	244	32512	0.39	ng	-0.01

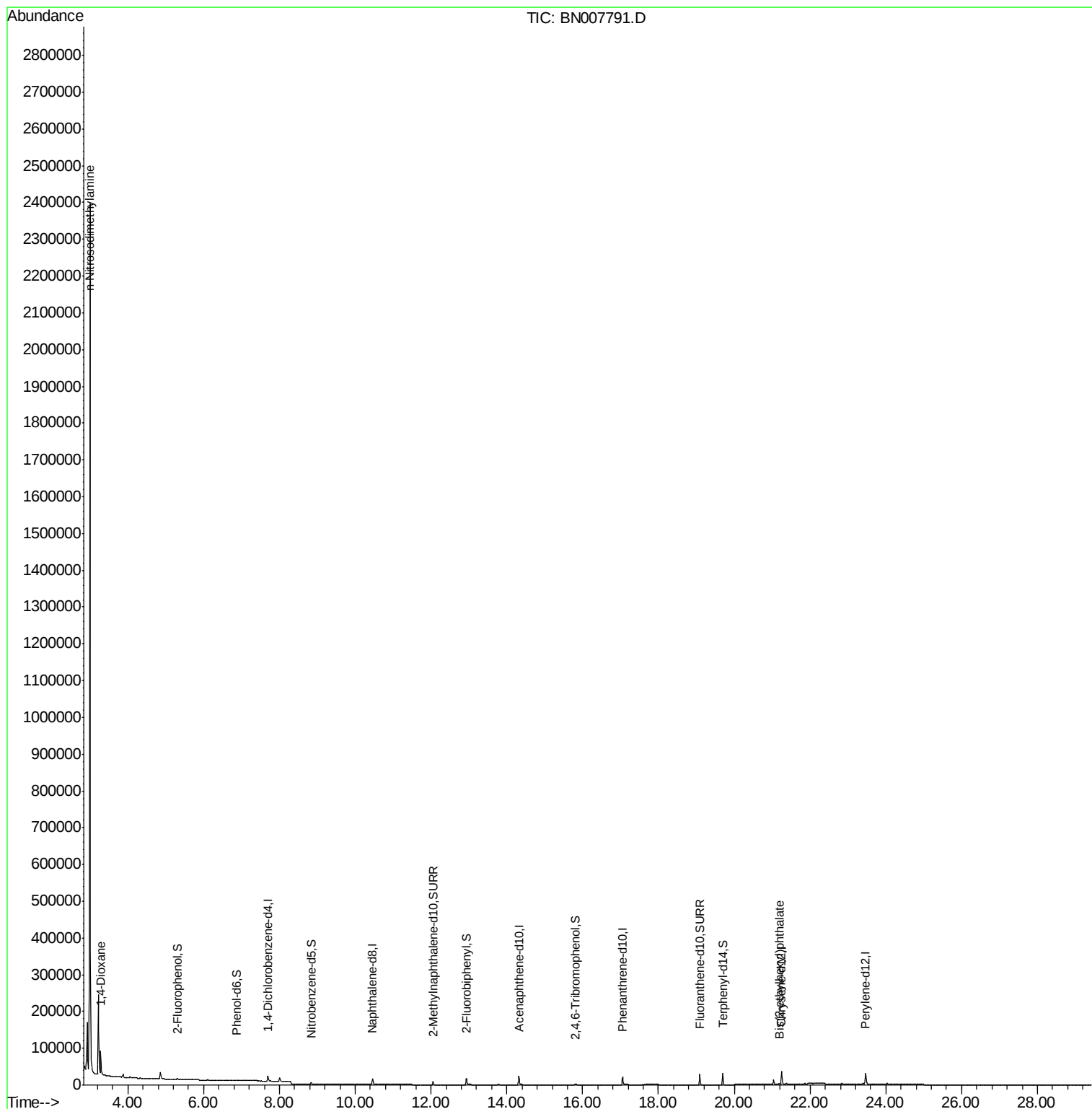
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	47245	6.561	ng	# 94
3) n-Nitrosodimethylamine	3.00	42	184145	55.829	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.19	149	1450	0.022	ng	95

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

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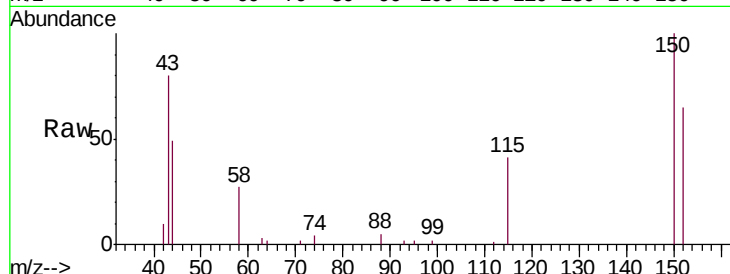


#1

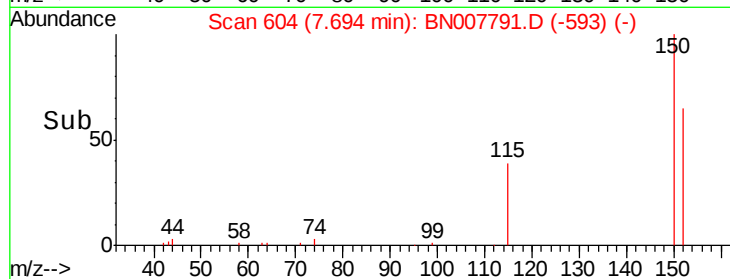
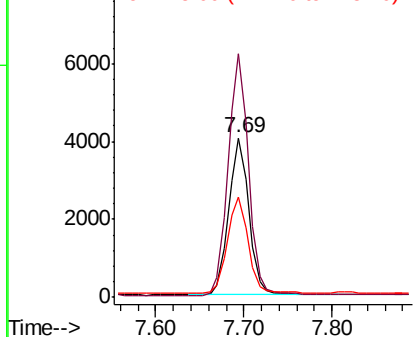
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007791.D
Acq: 21 Sep 2019 08:27

Instrument :
BNA_N
ClientSampleId :
DUP04-20190916

Tgt Ion:152 Resp: 6461
Ion Ratio Lower Upper
152 100
150 153.0 125.6 188.4
115 62.7 53.3 79.9



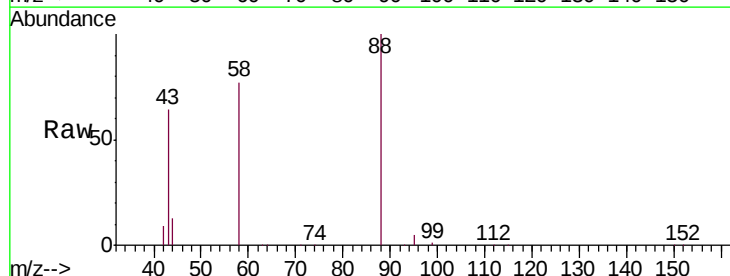
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



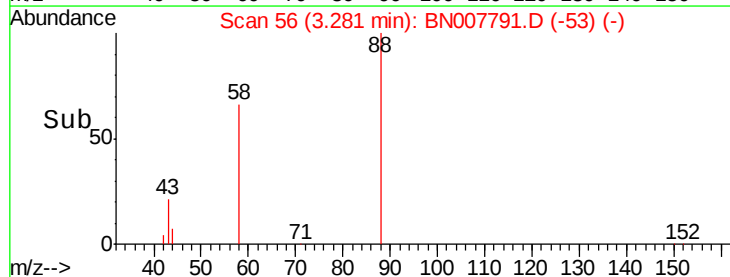
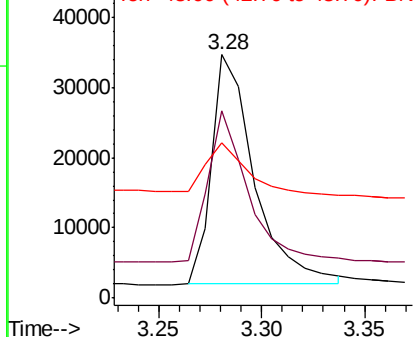
#2

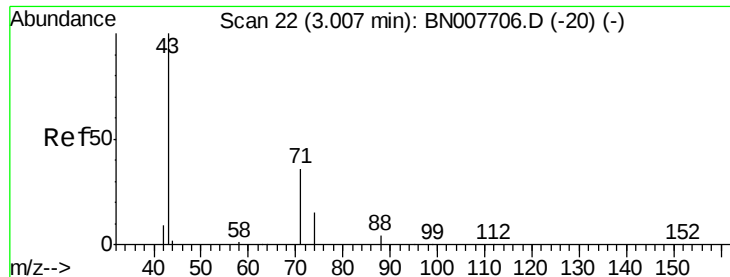
1,4-Dioxane
Concen: 6.561 ng
RT: 3.28 min Scan# 56
Delta R.T. -0.02 min
Lab File: BN007791.D
Acq: 21 Sep 2019 08:27

Tgt Ion: 88 Resp: 47245
Ion Ratio Lower Upper
88 100
58 59.8 44.6 66.8
43 21.8 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



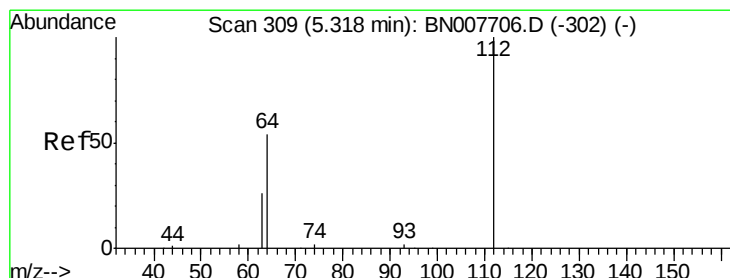
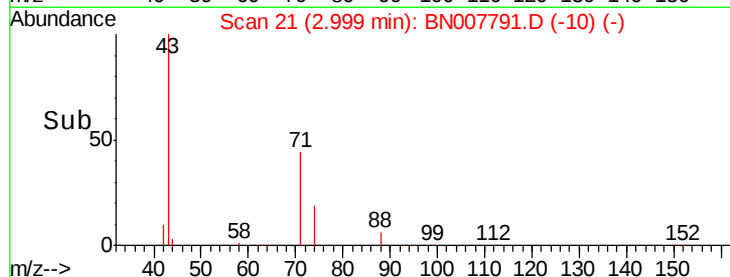
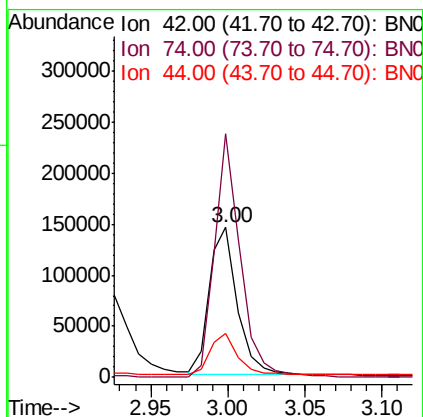
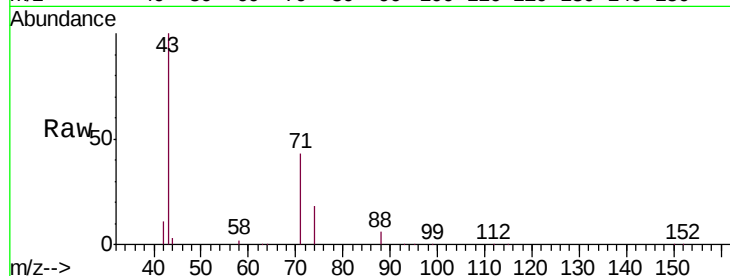


#3

n-Nitrosodimethylamine
 Concen: 55.829 ng
 RT: 3.00 min Scan# 21
 Delta R.T. -0.01 min
 Lab File: BN007791.D
 Acq: 21 Sep 2019 08:27

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20190916

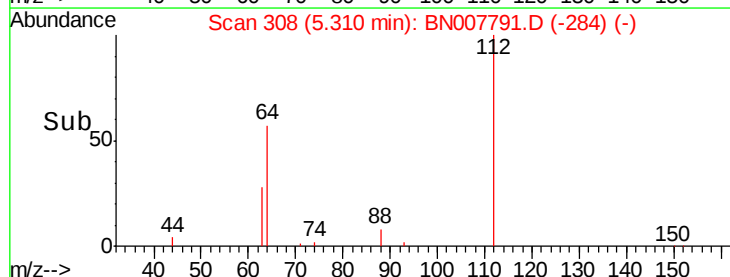
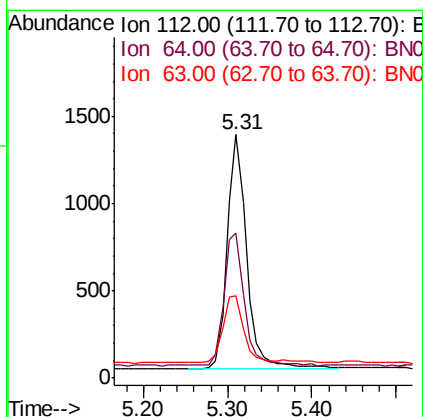
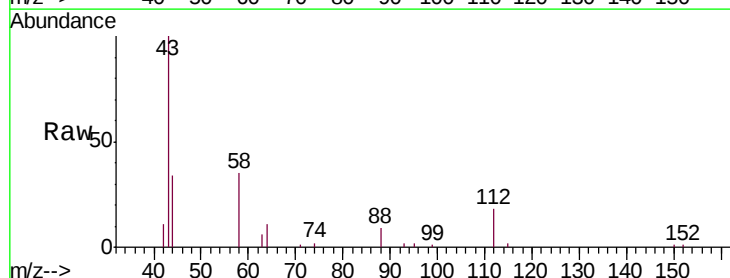
Tgt Ion: 42 Resp: 184145
 Ion Ratio Lower Upper
 42 100
 74 150.5 87.9 131.9#
 44 26.7 29.4 44.0#

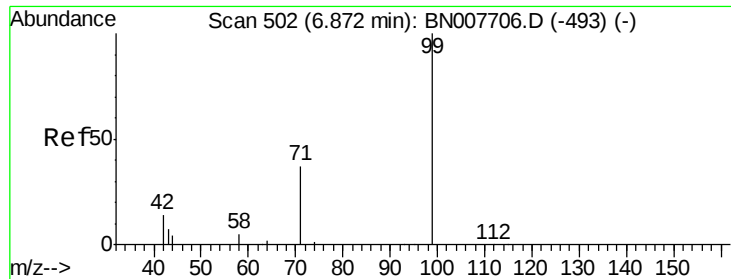


#4

2-Fluorophenol
 Concen: 0.097 ng
 RT: 5.31 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: BN007791.D
 Acq: 21 Sep 2019 08:27

Tgt Ion: 112 Resp: 2149
 Ion Ratio Lower Upper
 112 100
 64 59.2 46.6 70.0
 63 30.3 23.1 34.7





#5

Phenol-d6

Concen: 0.052 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007791.D

Acq: 21 Sep 2019 08:27

Instrument :

BNA_N

ClientSampleId :

DUP04-20190916

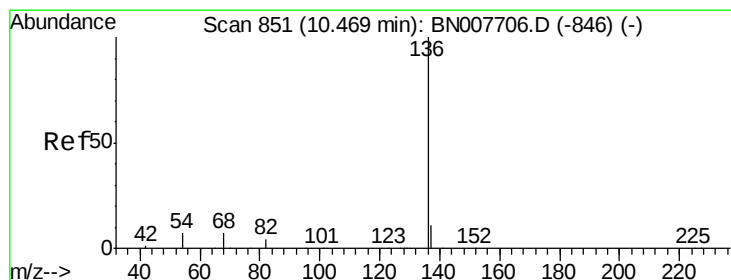
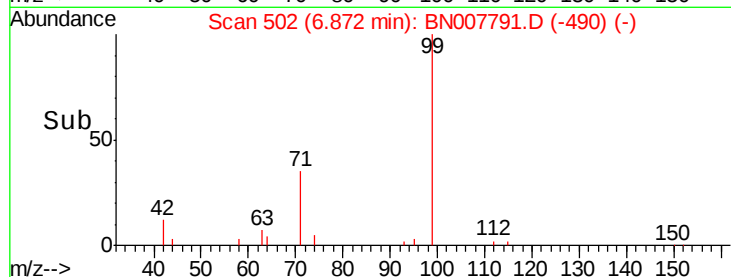
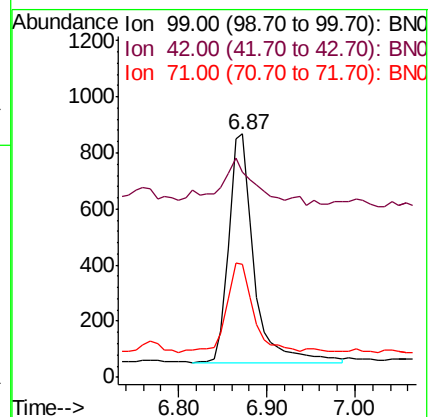
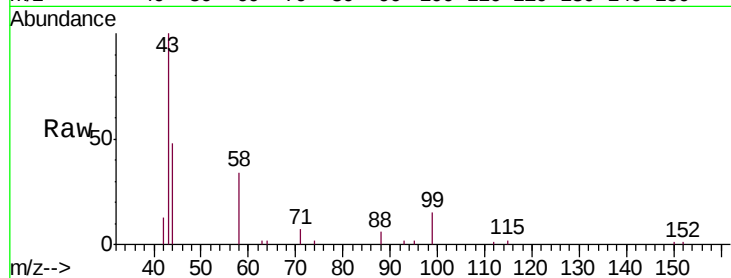
Tgt Ion: 99 Resp: 1607

Ion Ratio Lower Upper

99 100

42 17.4 12.8 19.2

71 41.1 27.6 41.4



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007791.D

Acq: 21 Sep 2019 08:27

Tgt Ion: 136 Resp: 24116

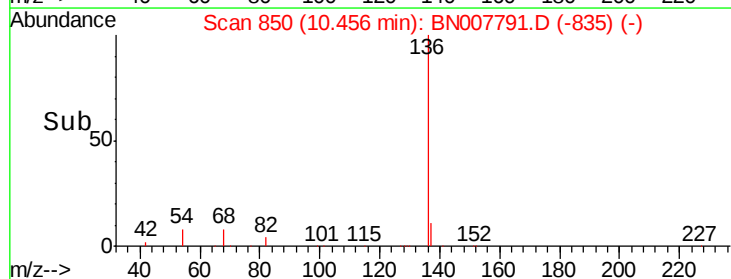
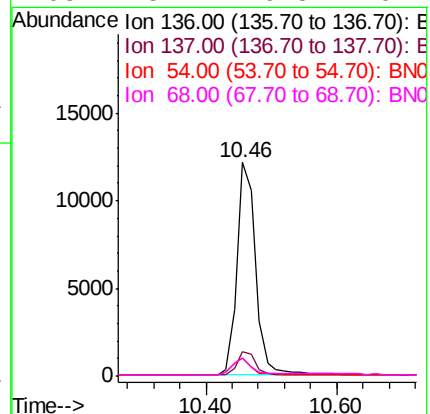
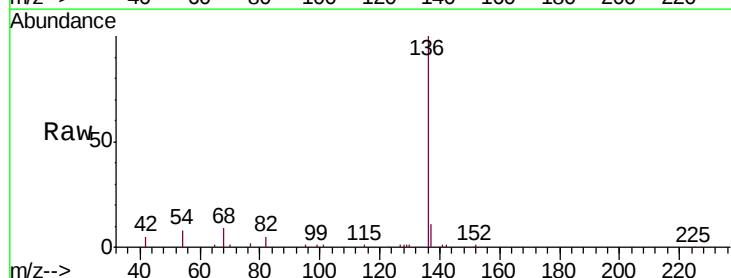
Ion Ratio Lower Upper

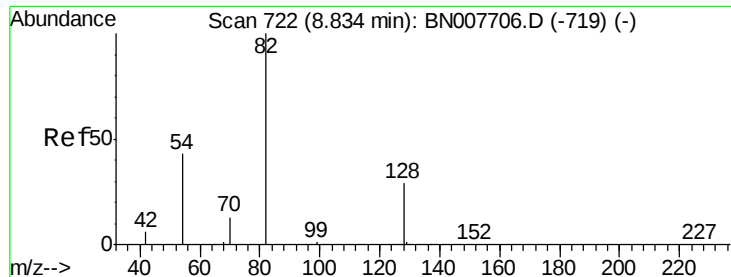
136 100

137 11.2 9.2 13.8

54 8.3 5.8 8.8

68 8.7 6.5 9.7





#8

Nitrobenzene-d5

Concen: 0.268 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007791.D

Acq: 21 Sep 2019 08:27

Instrument :

BNA_N

ClientSampleId :

DUP04-20190916

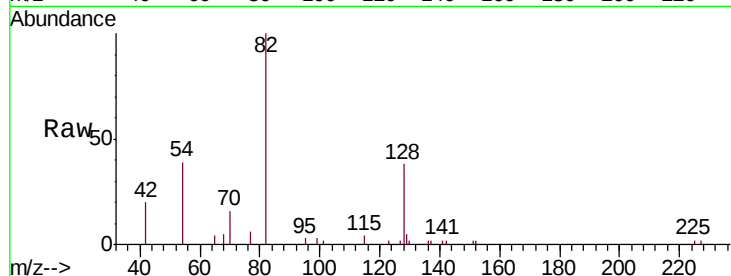
Tgt Ion: 82 Resp: 5652

Ion Ratio Lower Upper

82 100

128 38.1 24.5 36.7#

54 38.8 35.2 52.8

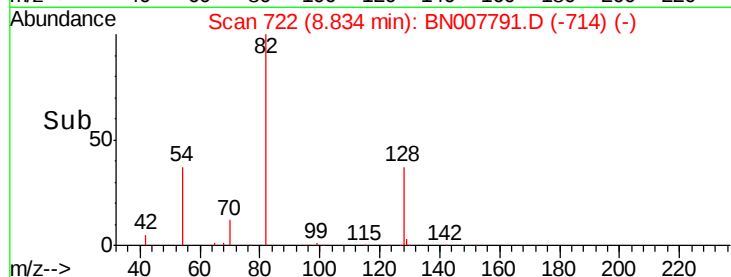


Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

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

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

Time-->

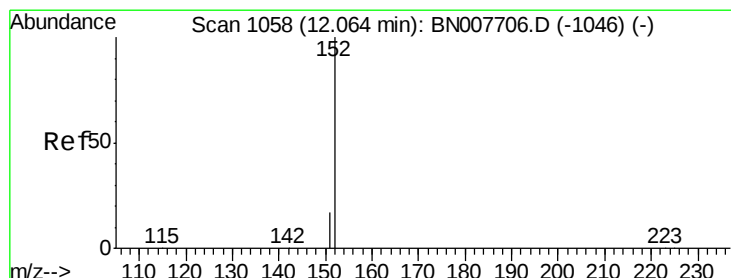


Abundance Ion 82.00 (81.70 to 82.70): BN007791.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BN007791.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BN007791.D (-714) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007791.D

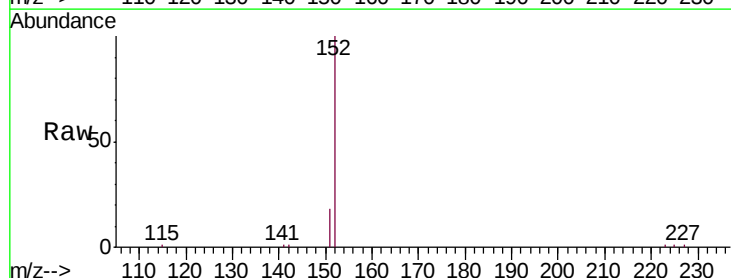
Acq: 21 Sep 2019 08:27

Tgt Ion: 152 Resp: 13531

Ion Ratio Lower Upper

152 100

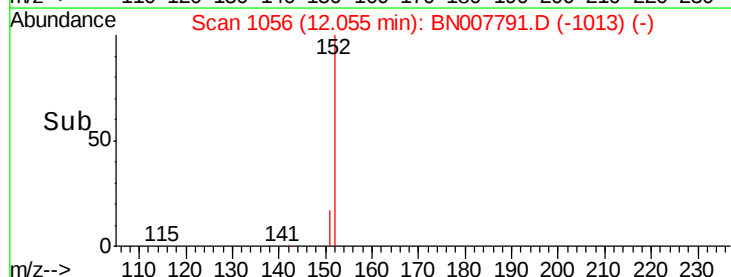
151 19.0 15.4 23.2



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

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

Time-->



Abundance Ion 152.00 (151.70 to 152.70): BN007791.D (-1013) (-)

Ion 151.00 (150.70 to 151.70): BN007791.D (-1013) (-)

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007791.D

Acq: 21 Sep 2019 08:27

Instrument :

BNA_N

ClientSampleId :

DUP04-20190916

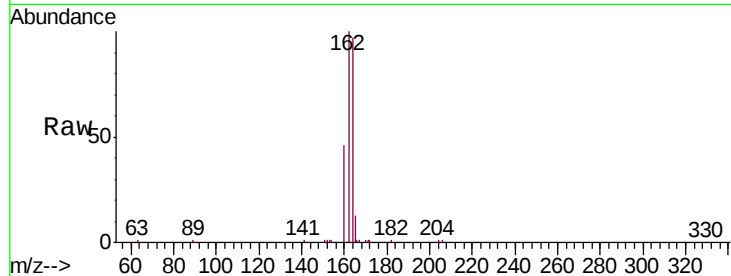
Tgt Ion:164 Resp: 13897

Ion Ratio Lower Upper

164 100

162 102.7 81.7 122.5

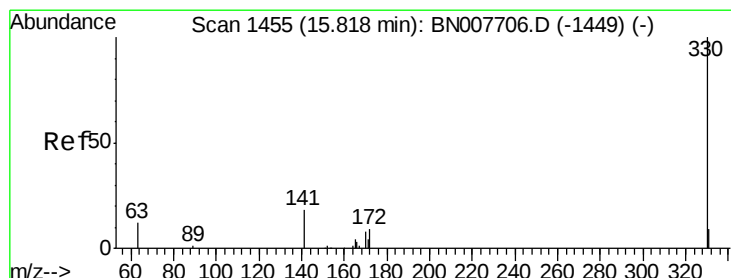
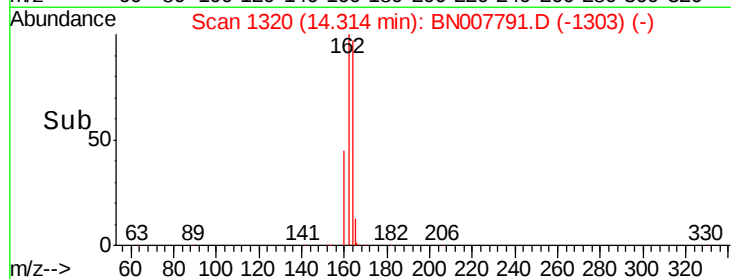
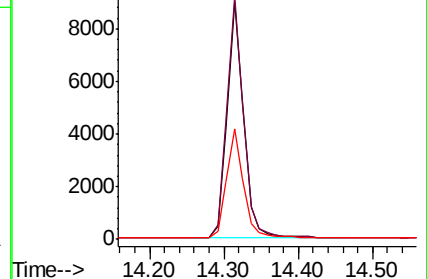
160 46.7 37.0 55.4



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: 0.180 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007791.D

Acq: 21 Sep 2019 08:27

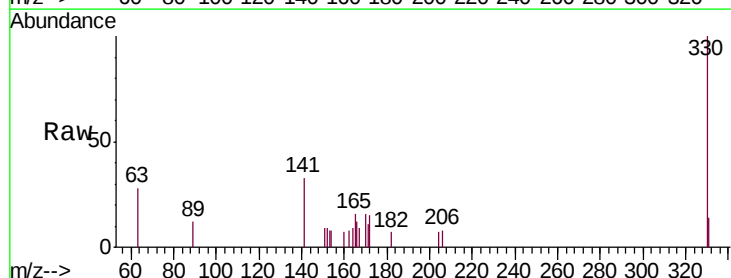
Tgt Ion:330 Resp: 1359

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

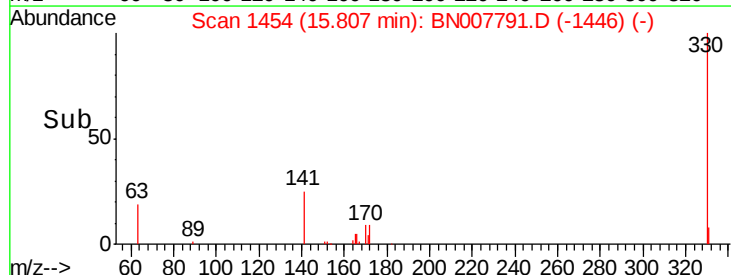
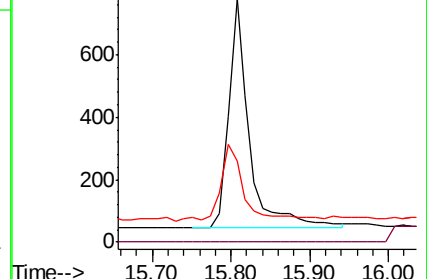
141 37.4 28.7 43.1



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

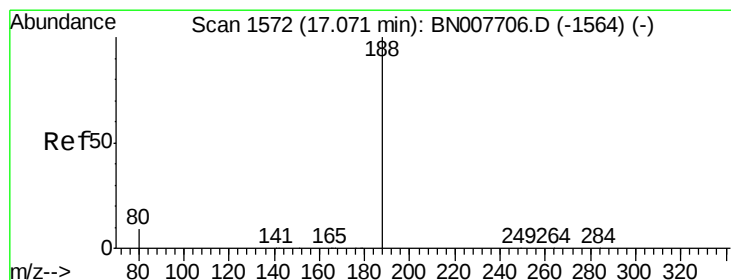
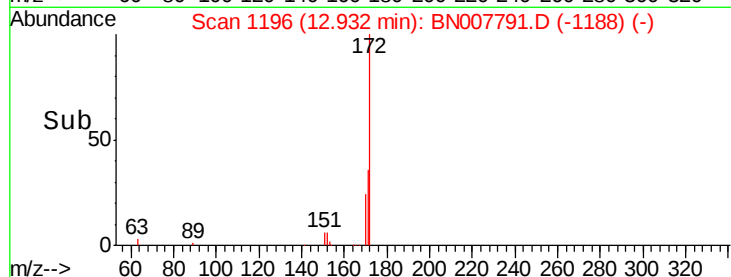
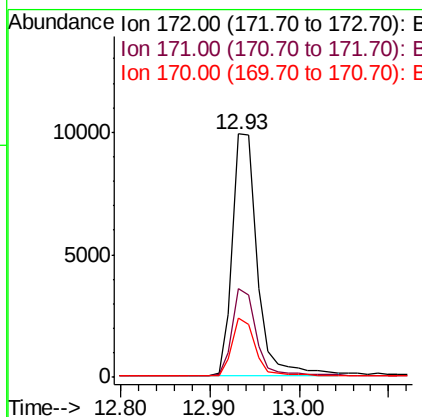
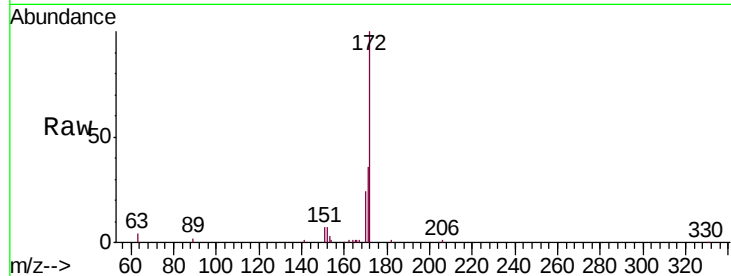




#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007791.D
Acq: 21 Sep 2019 08:27

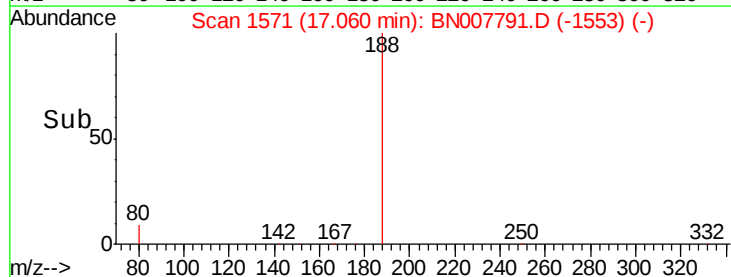
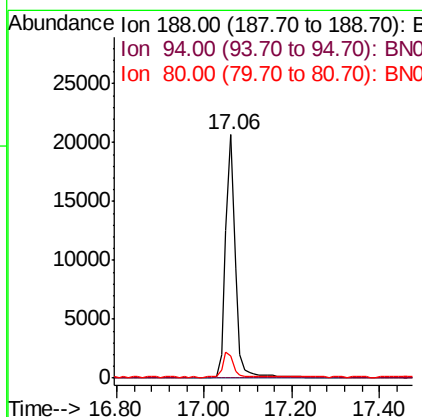
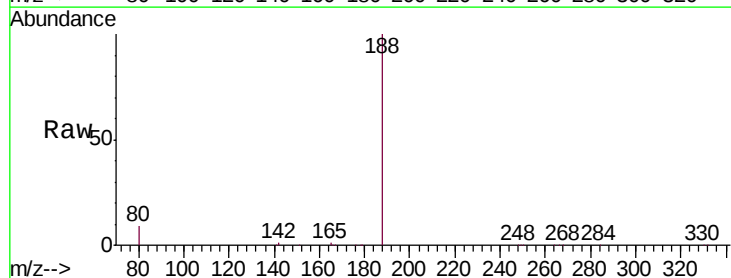
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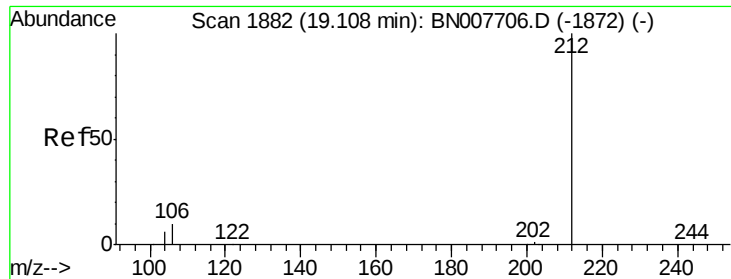
Tgt Ion:172 Resp: 19384
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.3 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007791.D
Acq: 21 Sep 2019 08:27

Tgt Ion:188 Resp: 31256
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.4 11.2





#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007791.D

Acq: 21 Sep 2019 08:27

Instrument :

BNA_N

ClientSampleId :

DUP04-20190916

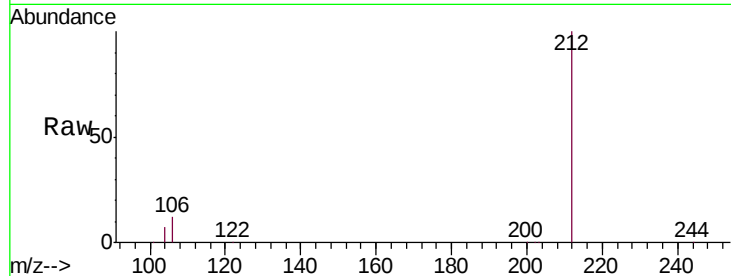
Tgt Ion:212 Resp: 36171

Ion Ratio Lower Upper

212 100

106 11.9 9.4 14.0

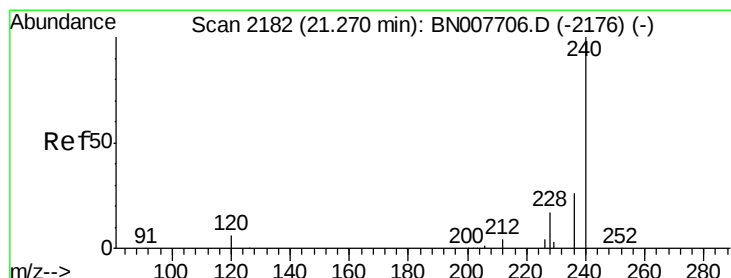
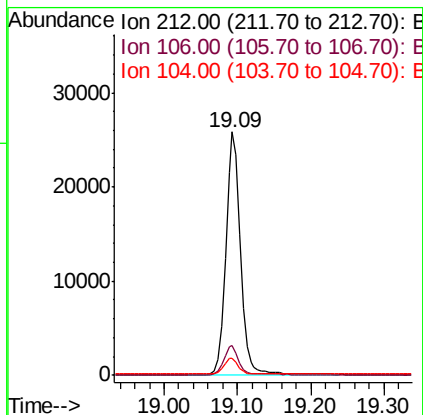
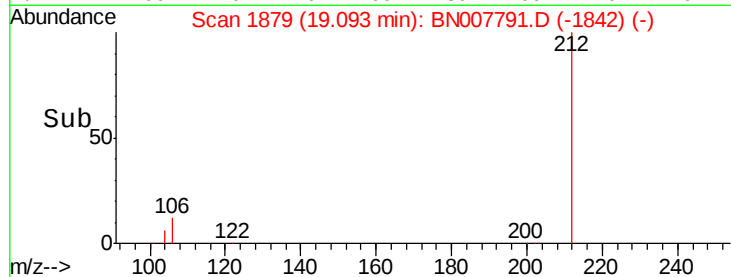
104 6.7 5.3 7.9



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: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN007791.D

Acq: 21 Sep 2019 08:27

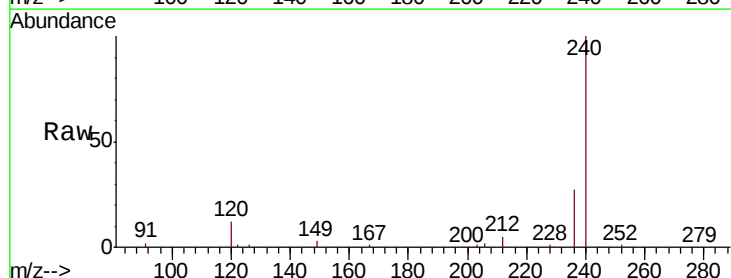
Tgt Ion:240 Resp: 34200

Ion Ratio Lower Upper

240 100

120 12.2 5.4 8.2#

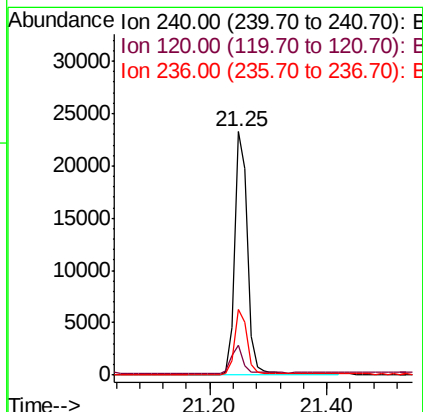
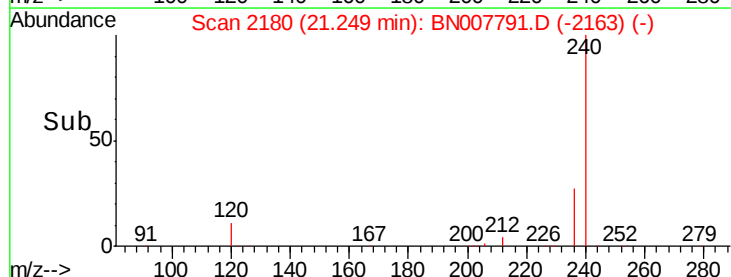
236 27.1 21.0 31.4

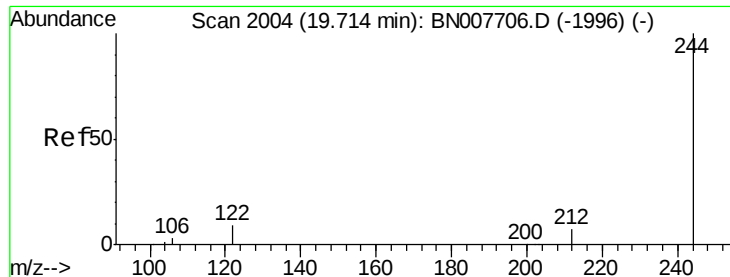


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.387 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007791.D

Acq: 21 Sep 2019 08:27

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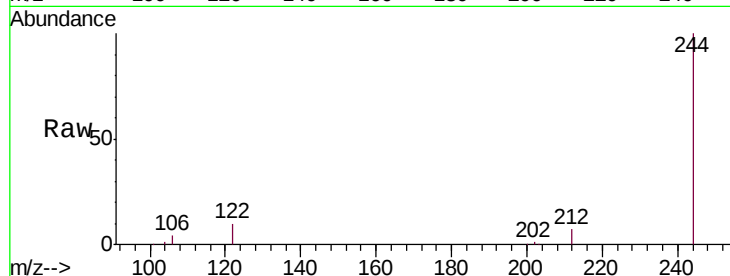
Tgt Ion:244 Resp: 32512

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

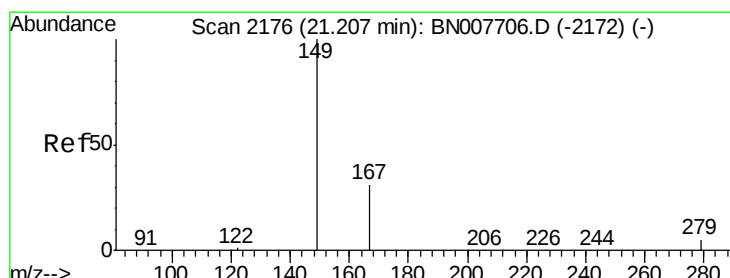
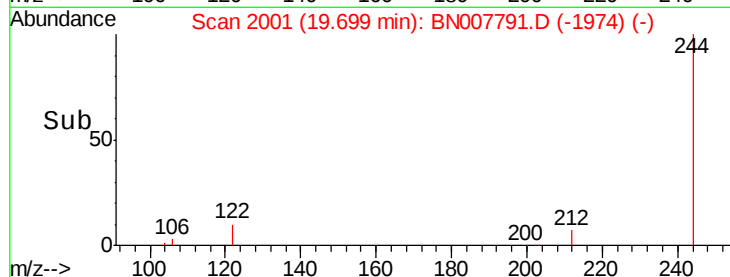
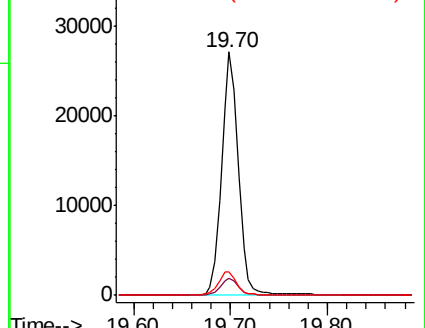
122 9.9 7.4 11.2



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: 0.022 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007791.D

Acq: 21 Sep 2019 08:27

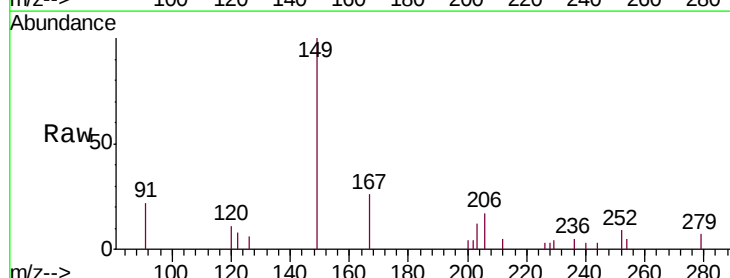
Tgt Ion:149 Resp: 1450

Ion Ratio Lower Upper

149 100

167 26.2 23.7 35.5

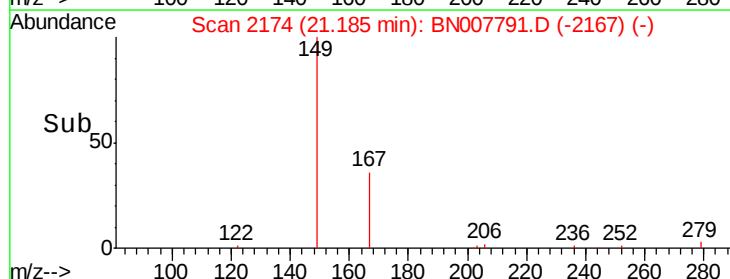
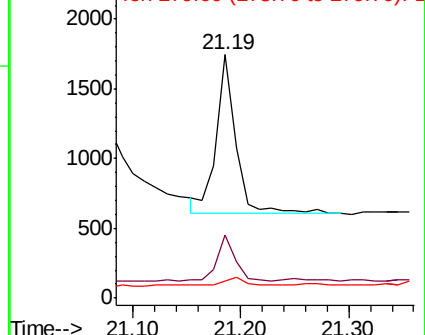
279 5.0 4.2 6.2

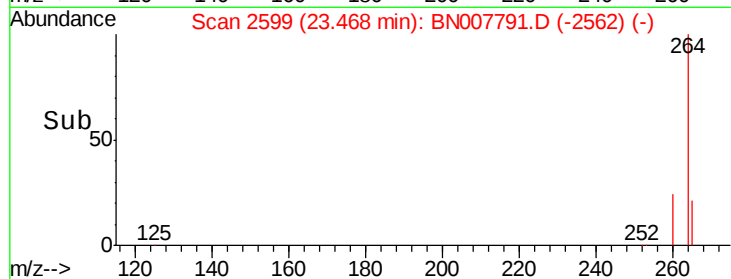
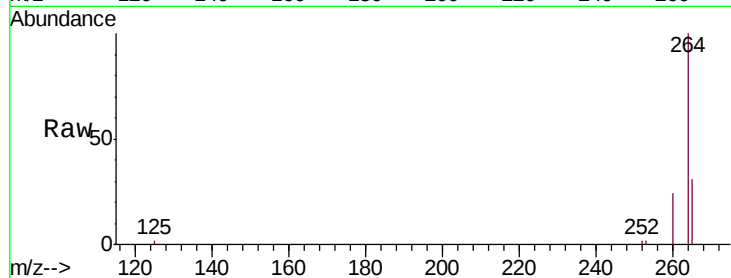
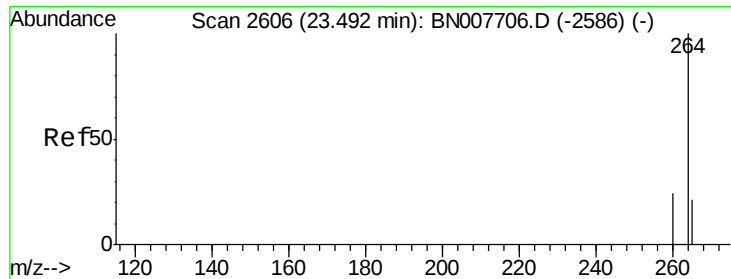


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN007791.D

Acq: 21 Sep 2019 08:27

Instrument :

BNA_N

ClientSampleId :

DUP04-20190916

Tgt Ion:264 Resp: 39361

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 30.9 26.9 40.3

