

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007770.D
 Acq On : 20 Sep 2019 18:44
 Operator : HP/JU
 Sample : K4975-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20190918

Quant Time: Sep 20 22:48:43 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

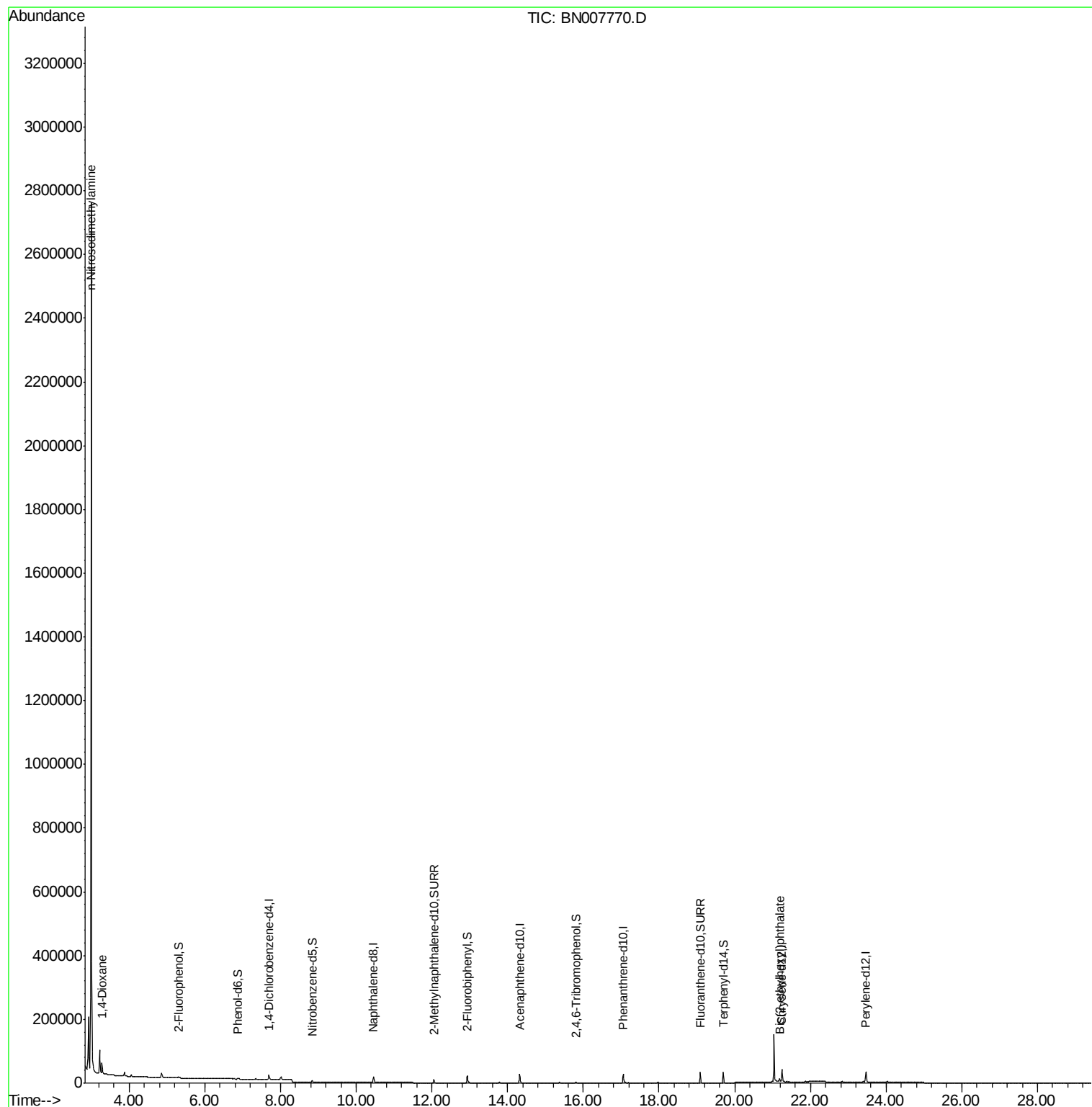
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6864	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	26234	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	15621	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	34579	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	38567	0.40	ng	-0.02
34) Perylene-d12	23.47	264	41556	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2291	0.10	ng	0.00
5) Phenol-d6	6.87	99	1668	0.05	ng	0.00
8) Nitrobenzene-d5	8.83	82	6289	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	14550	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1707	0.20	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	22079	0.34	ng	0.00
25) Fluoranthene-d10	19.09	212	39392	0.34	ng	-0.01
29) Terphenyl-d14	19.70	244	35219	0.37	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	25731	3.363	ng	# 92
3) n-Nitrosodimethylamine	3.00	42	205262	58.577	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.19	149	13784	0.189	ng	# 90

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

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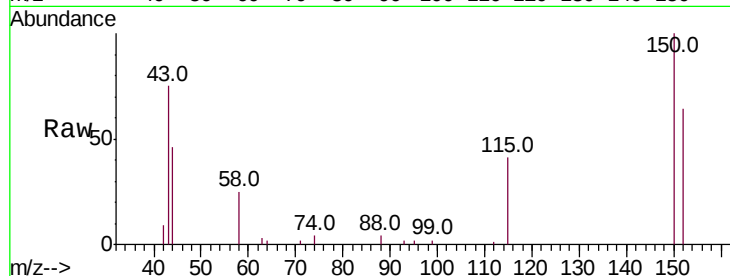


#1

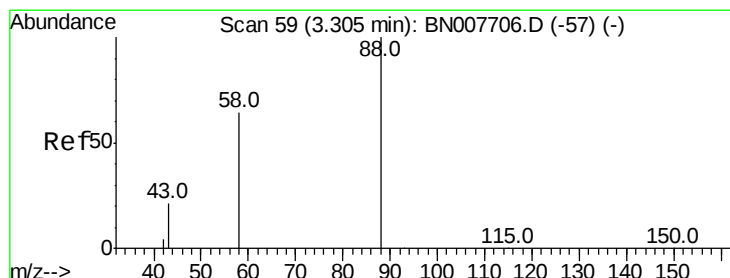
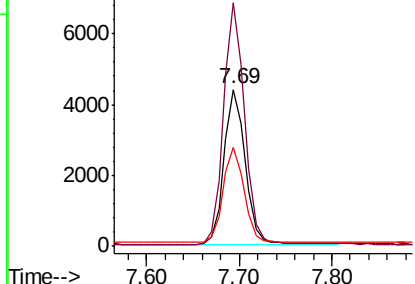
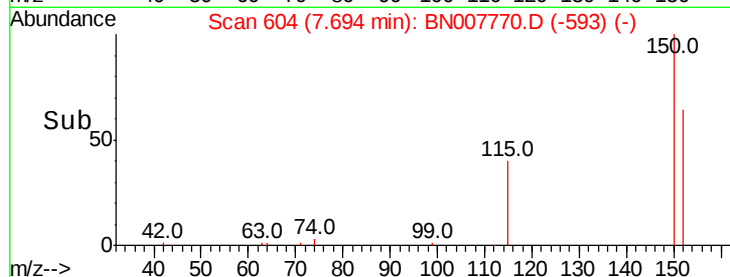
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.69 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BN007770.D
 Acq: 20 Sep 2019 18:44

Instrument :
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 ClientSampleId :
 RE108D1-20190918

Tot Ion:152 Resp: 6864
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.6 188.4
 115 63.5 53.3 79.9



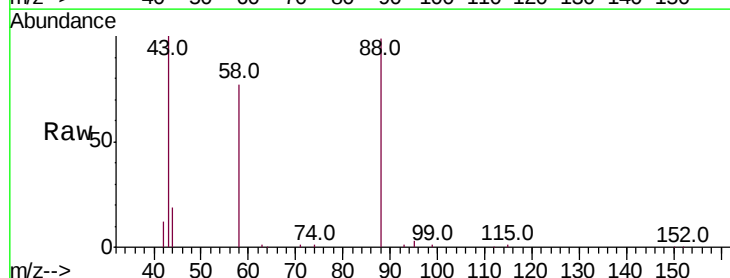
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



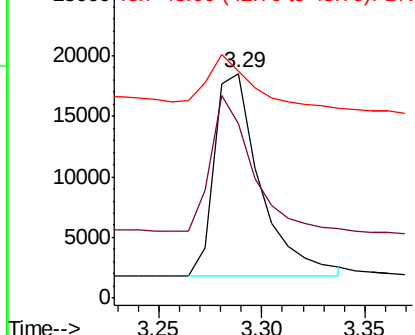
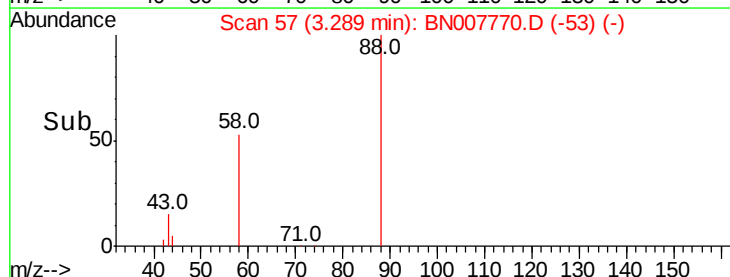
#2

1,4-Dioxane
 Concen: 3.363 ng
 RT: 3.29 min Scan# 57
 Delta R.T. -0.02 min
 Lab File: BN007770.D
 Acq: 20 Sep 2019 18:44

Tgt Ion: 88 Resp: 25731
 Ion Ratio Lower Upper
 88 100
 58 60.0 44.6 66.8
 43 24.3 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



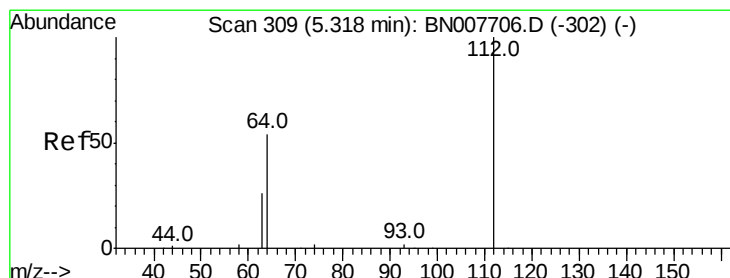
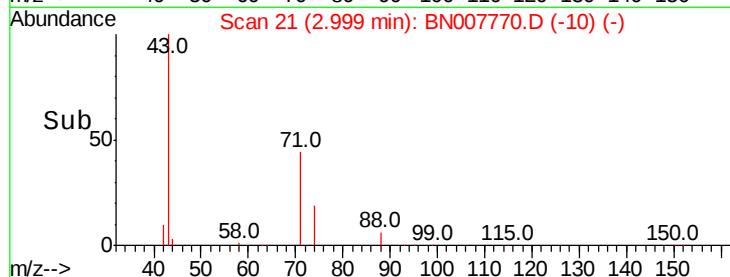
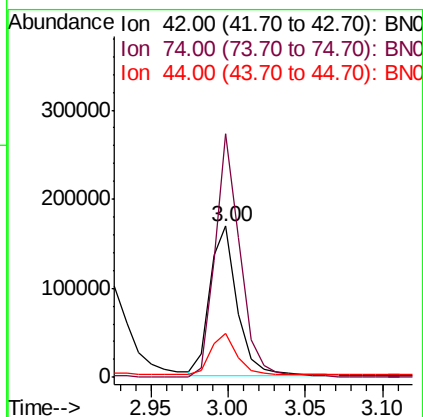
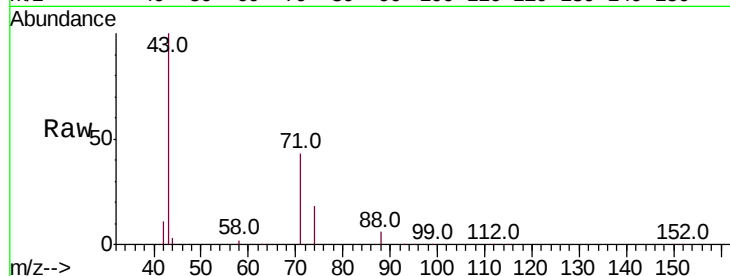


#3

n-Nitrosodimethylamine
 Concen: 58.577 ng
 RT: 3.00 min Scan# 21
 Delta R.T. -0.01 min
 Lab File: BN007770.D
 Acq: 20 Sep 2019 18:44

Instrument :
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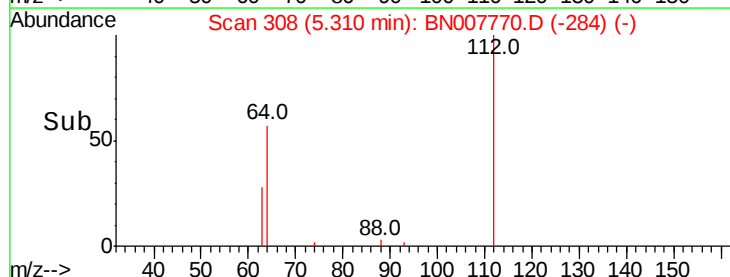
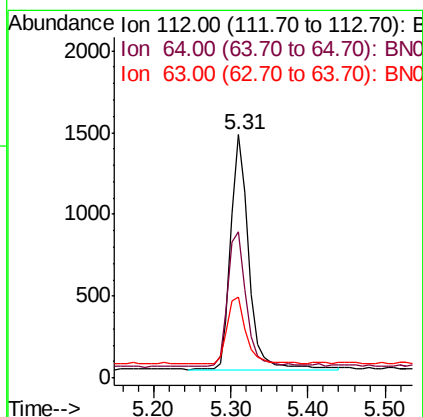
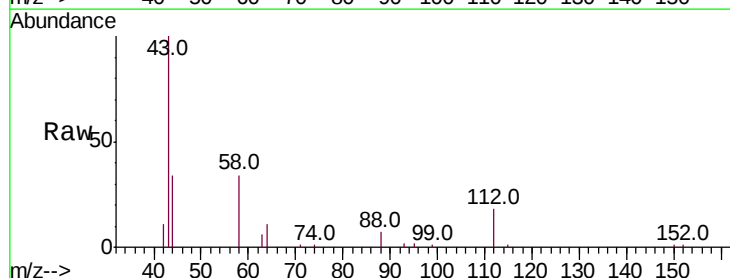
Tot Ion: 42 Resp: 205262
 Ion Ratio Lower Upper
 42 100
 74 151.4 87.9 131.9#
 44 27.0 29.4 44.0#

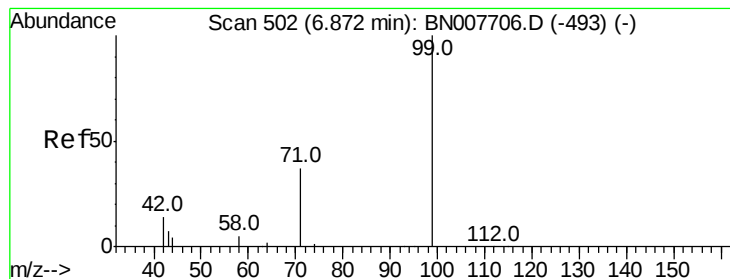


#4

2-Fluorophenol
 Concen: 0.097 ng
 RT: 5.31 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: BN007770.D
 Acq: 20 Sep 2019 18:44

Tgt Ion: 112 Resp: 2291
 Ion Ratio Lower Upper
 112 100
 64 60.6 46.6 70.0
 63 30.7 23.1 34.7





#5

Phenol-d6

Concen: 0.051 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007770.D

Acq: 20 Sep 2019 18:44

Instrument :

BNA_N

ClientSampleId :

RE108D1-20190918

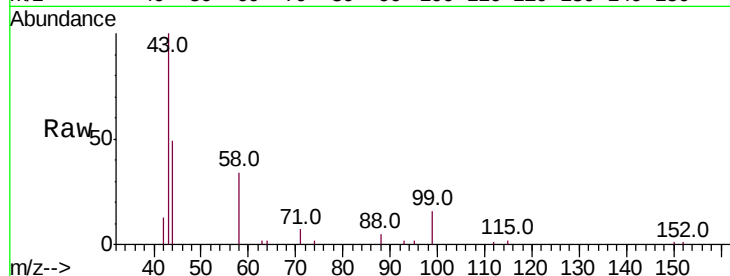
Tot Ion: 99 Resp: 1668

Ion Ratio Lower Upper

99 100

42 20.3 12.8 19.2#

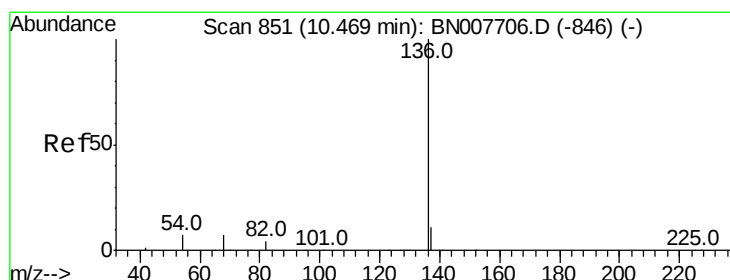
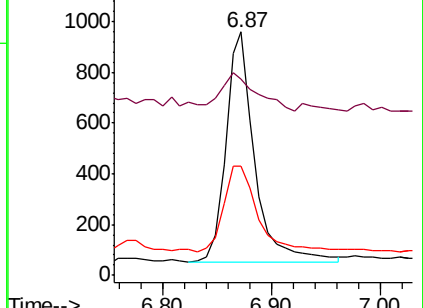
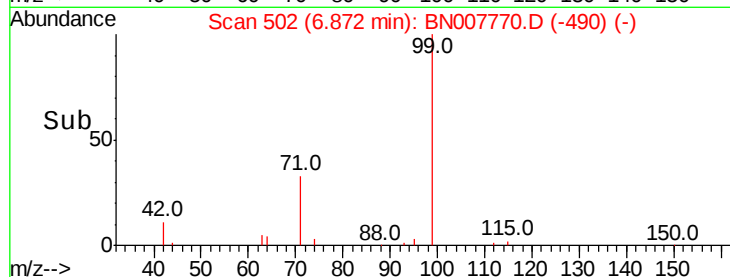
71 44.1 27.6 41.4#



Abundance Ion 99.00 (98.70 to 99.70): BN007770.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN007770.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN007770.D (-490) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007770.D

Acq: 20 Sep 2019 18:44

Tgt Ion: 136 Resp: 26234

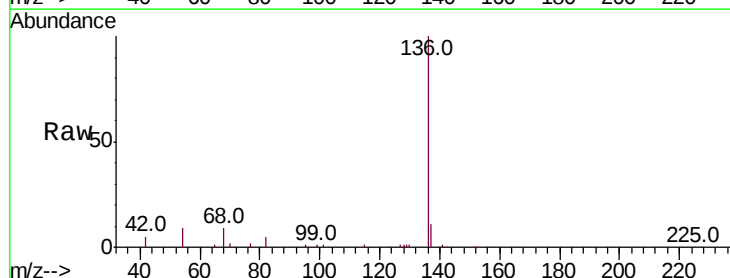
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 8.7 5.8 8.8

68 9.1 6.5 9.7

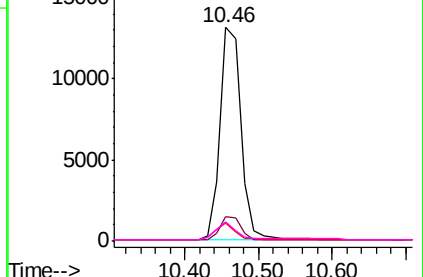
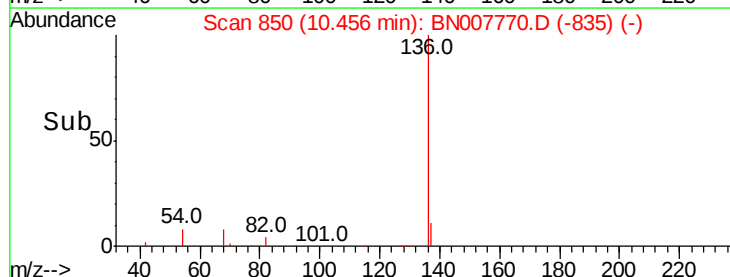


Abundance Ion 136.00 (135.70 to 136.70): BN007770.D (-835) (-)

Ion 137.00 (136.70 to 137.70): BN007770.D (-835) (-)

Ion 54.00 (53.70 to 54.70): BN007770.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN007770.D (-835) (-)

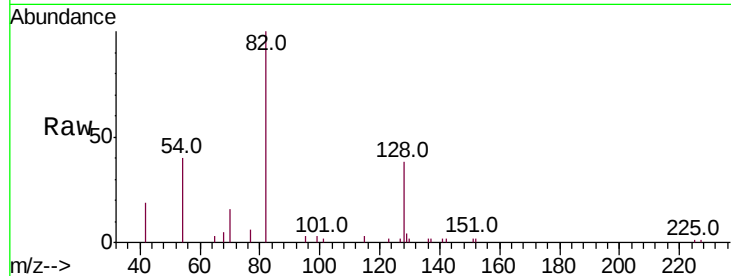




#8
 Nitrobenzene-d5
 Concen: 0.274 ng
 RT: 8.83 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BN007770.D
 Acq: 20 Sep 2019 18:44

Instrument :
 BNA_N
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 RE108D1-20190918

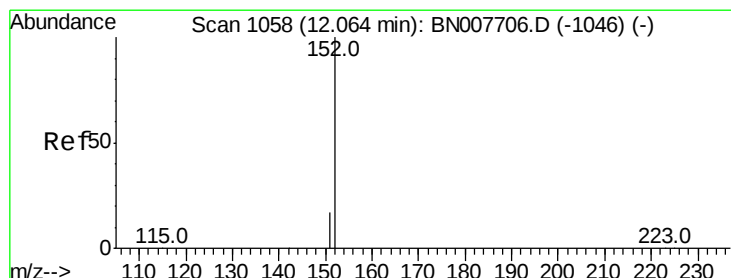
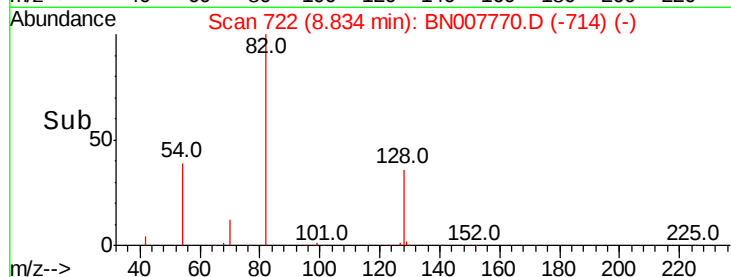
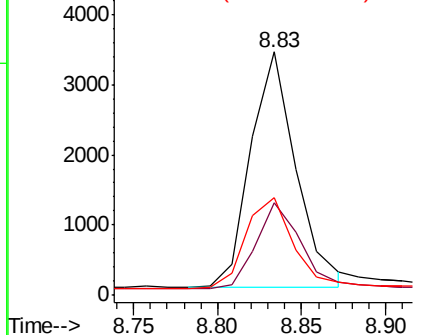
Tot Ion	82	Resp	6289
Ion	Ratio	Lower	Upper
82	100		
128	37.8	24.5	36.7#
54	40.0	35.2	52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007770.D (-719) (-)

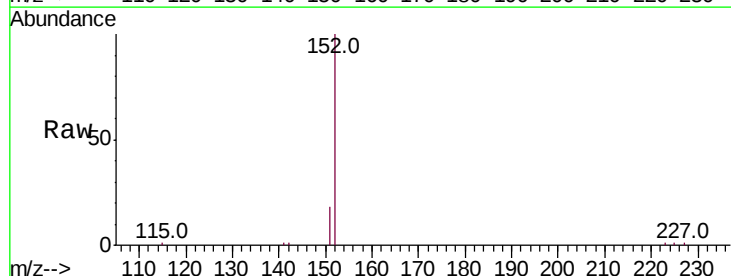
Ion 128.00 (127.70 to 128.70): BN007770.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007770.D (-719) (-)



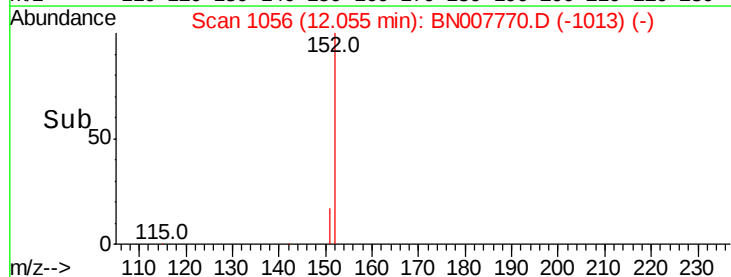
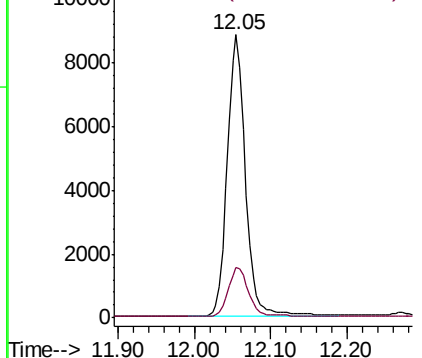
#11
 2-Methylnaphthalene-d10
 Concen: 0.329 ng
 RT: 12.05 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BN007770.D
 Acq: 20 Sep 2019 18:44

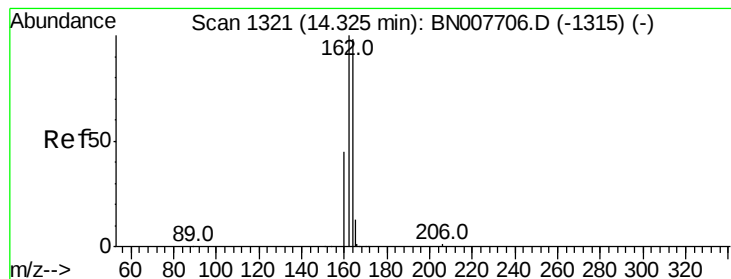
Tgt Ion	152	Resp	14550
Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2



Abundance Ion 152.00 (151.70 to 152.70): BN007770.D (-1013) (-)

Ion 151.00 (150.70 to 151.70): BN007770.D (-1013) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007770.D

Acq: 20 Sep 2019 18:44

Instrument :

BNA_N

ClientSampleId :

RE108D1-20190918

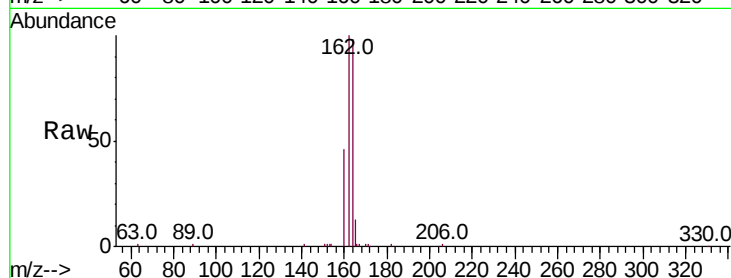
Tot Ion:164 Resp: 15621

Ion Ratio Lower Upper

164 100

162 102.3 81.7 122.5

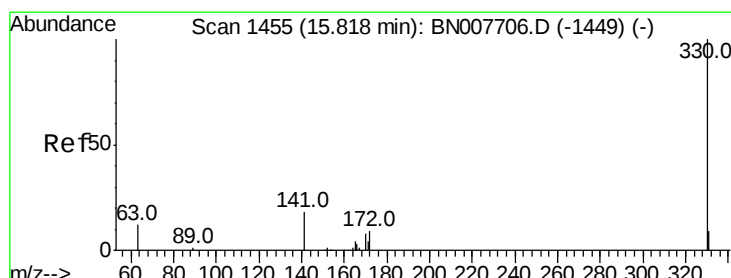
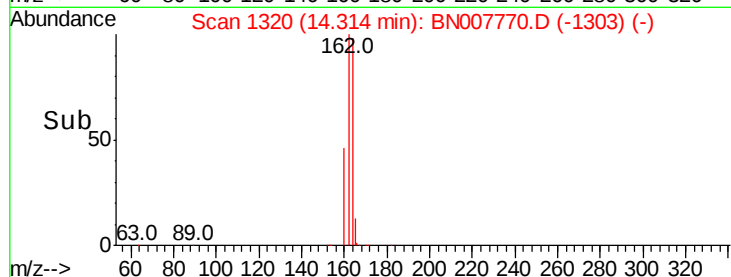
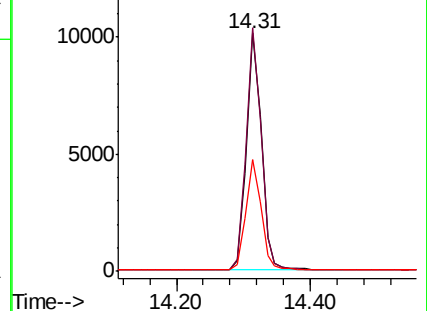
160 47.1 37.0 55.4



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: 0.201 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007770.D

Acq: 20 Sep 2019 18:44

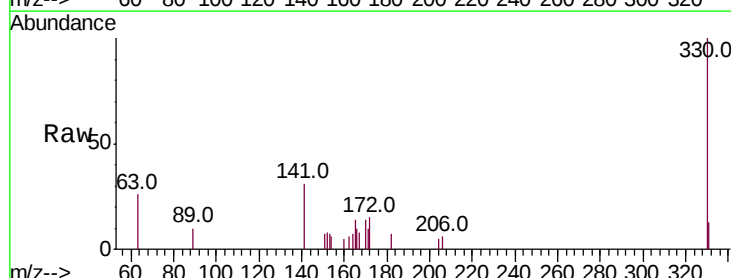
Tgt Ion:330 Resp: 1707

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

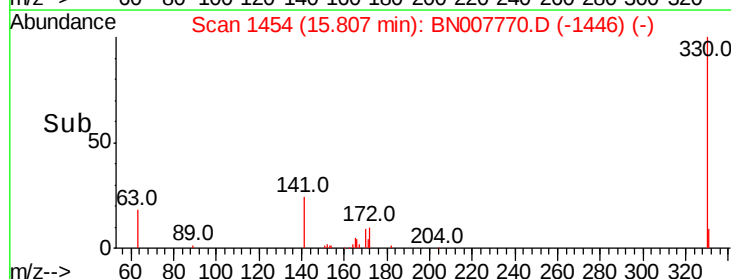
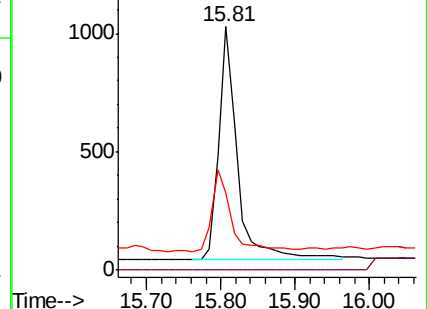
141 35.3 28.7 43.1

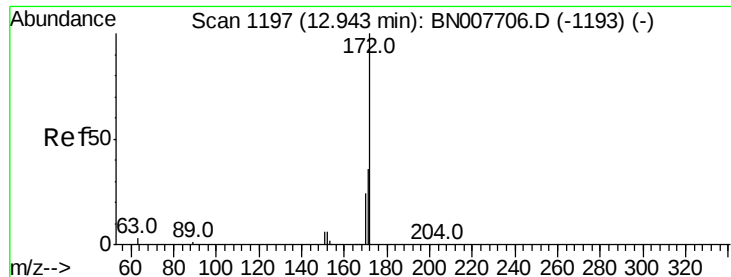


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

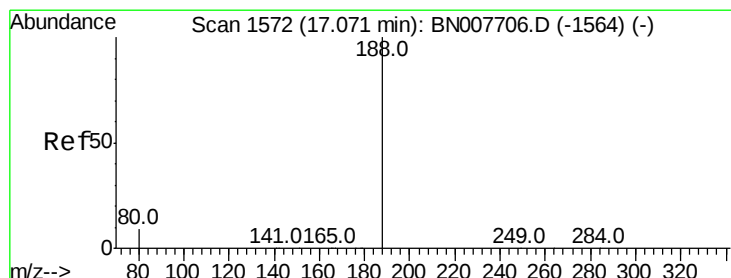
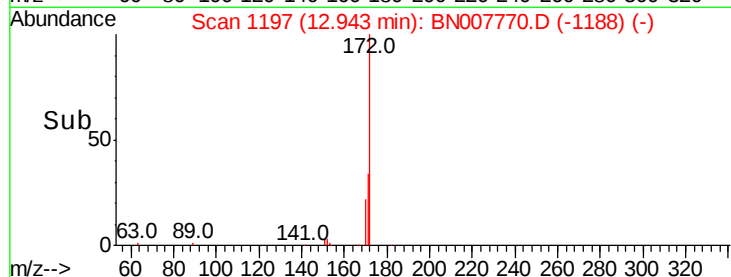
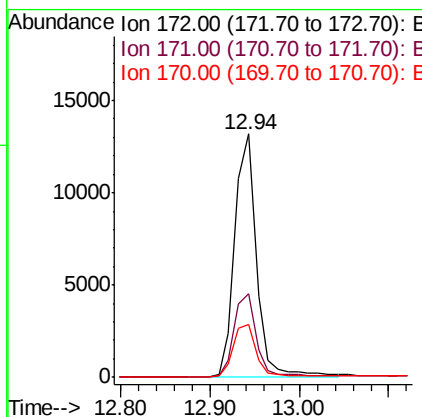
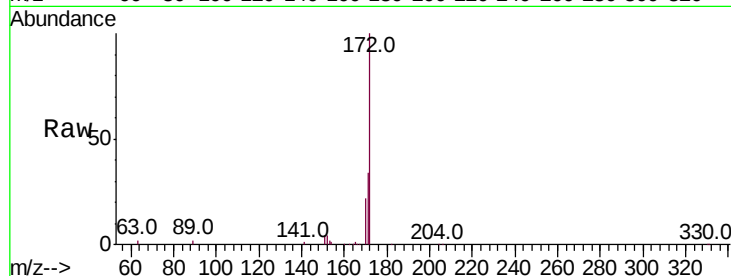




#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007770.D
Acq: 20 Sep 2019 18:44

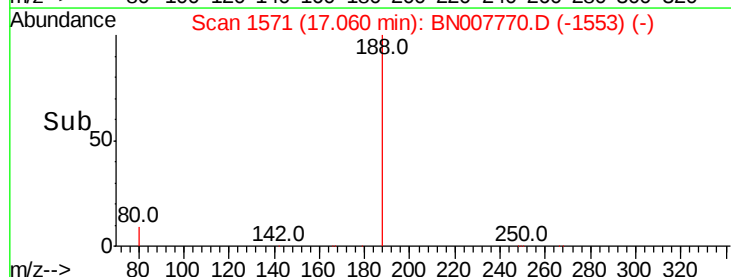
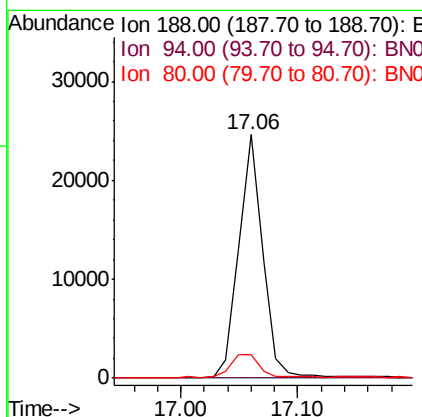
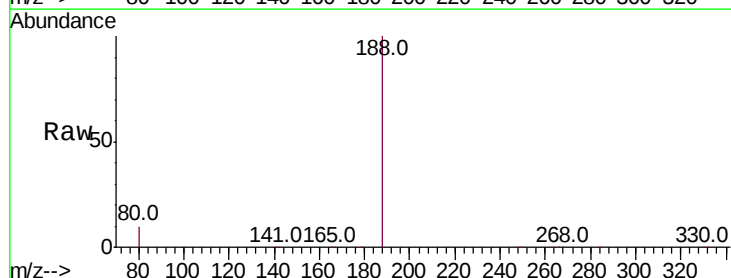
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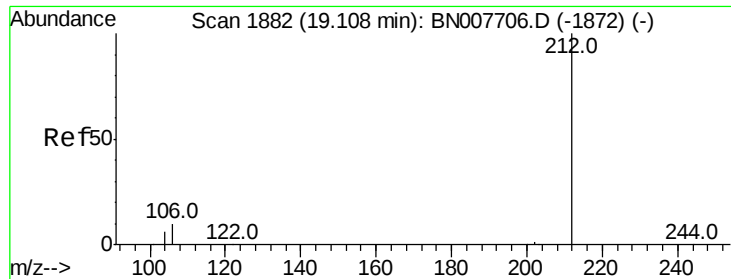
Tot Ion:172 Resp: 22079
Ion Ratio Lower Upper
172 100
171 34.5 28.8 43.2
170 21.9 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007770.D
Acq: 20 Sep 2019 18:44

Tgt Ion:188 Resp: 34579
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 7.4 11.2

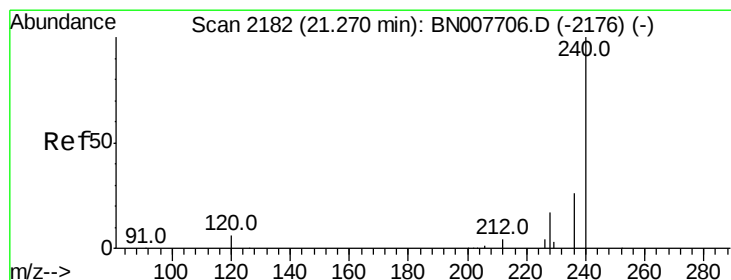
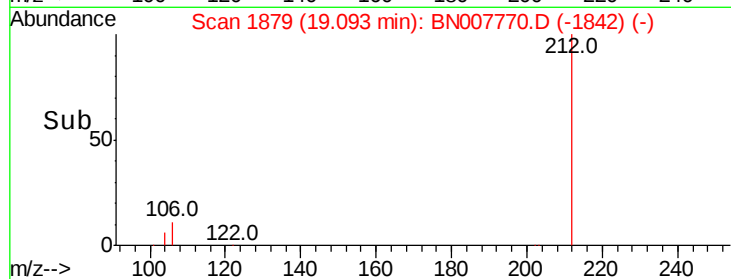
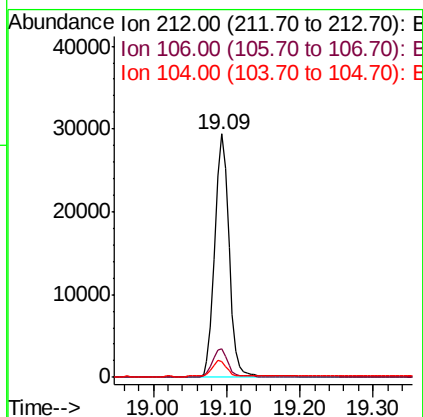
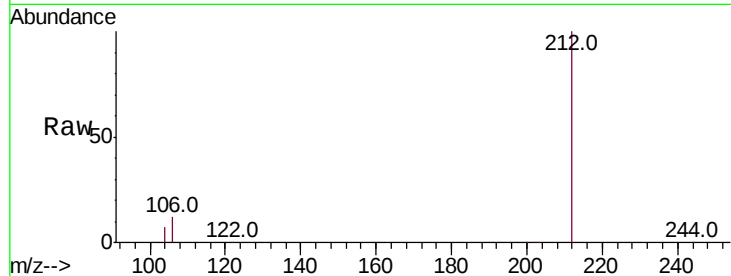




#25
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007770.D
Acq: 20 Sep 2019 18:44

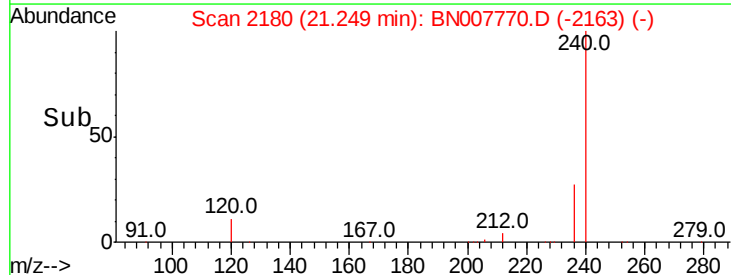
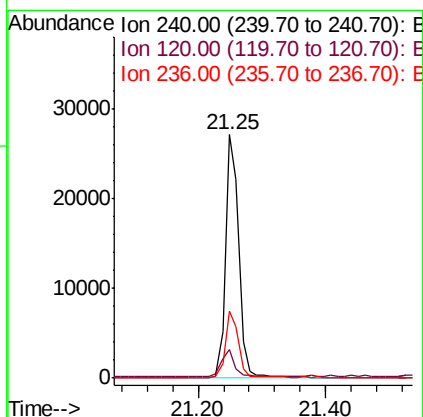
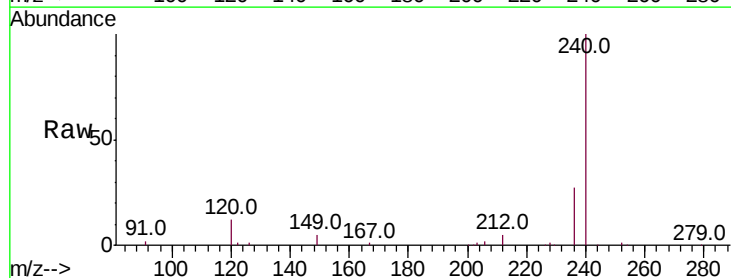
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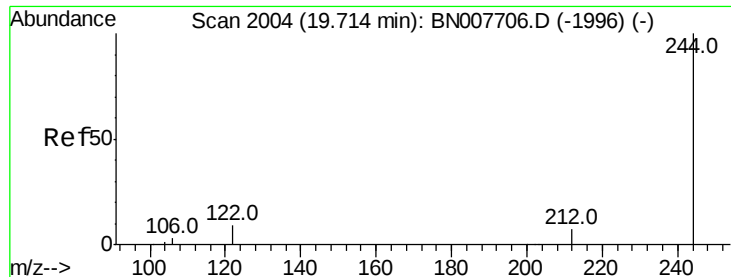
Tot Ion:212 Resp: 39392
Ion Ratio Lower Upper
212 100
106 11.8 9.4 14.0
104 6.5 5.3 7.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007770.D
Acq: 20 Sep 2019 18:44

Tgt Ion:240 Resp: 38567
Ion Ratio Lower Upper
240 100
120 11.7 5.4 8.2#
236 27.4 21.0 31.4





#29

Terphenyl-d14

Concen: 0.372 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007770.D

Acq: 20 Sep 2019 18:44

Instrument :

BNA_N

ClientSampleId :

RE108D1-20190918

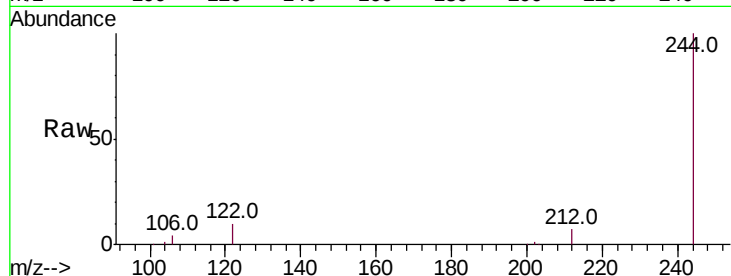
Tot Ion:244 Resp: 35219

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

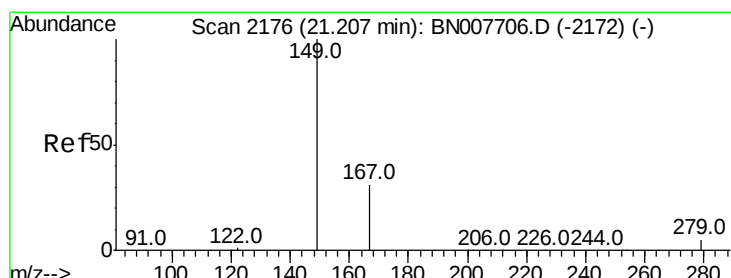
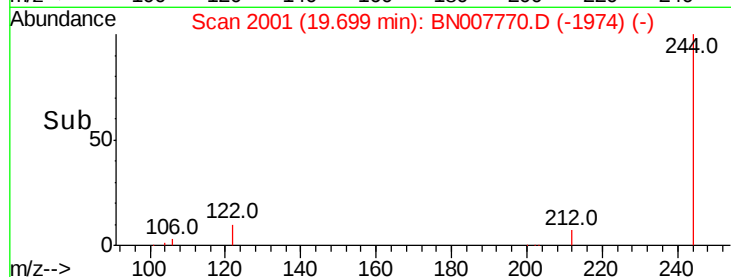
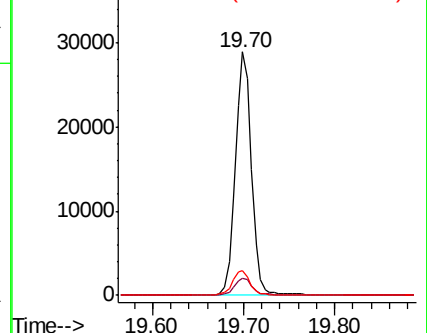
122 10.1 7.4 11.2



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: 0.189 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007770.D

Acq: 20 Sep 2019 18:44

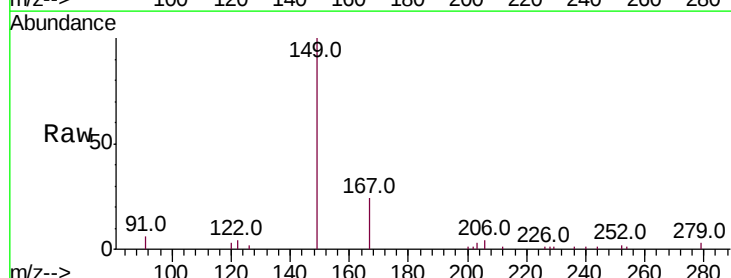
Tgt Ion:149 Resp: 13784

Ion Ratio Lower Upper

149 100

167 23.5 23.7 35.5#

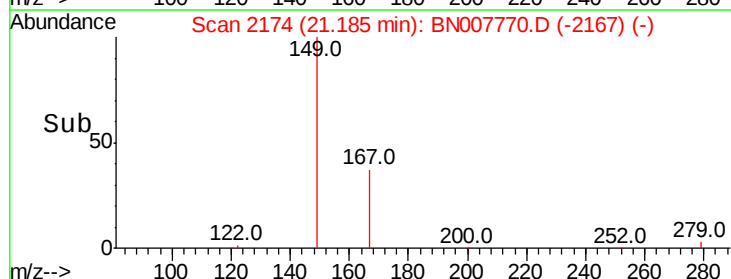
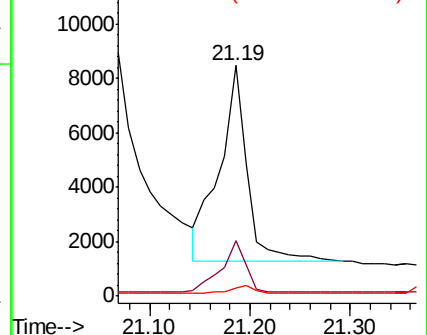
279 3.5 4.2 6.2#

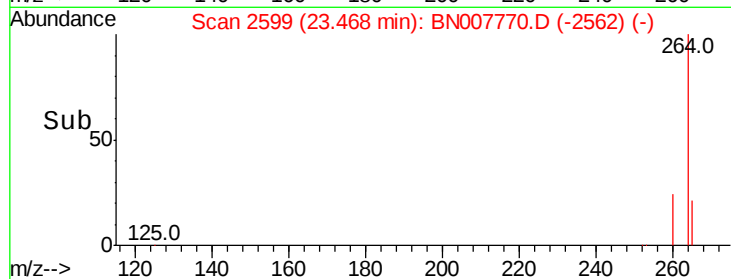
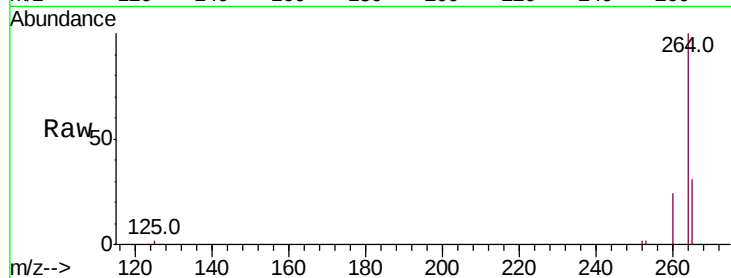
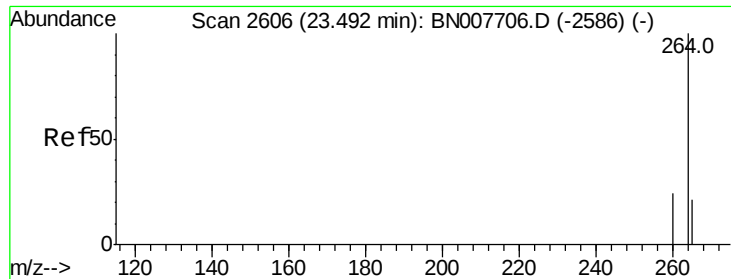


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN007770.D

Acq: 20 Sep 2019 18:44

Instrument :

BNA_N

ClientSampleId :

RE108D1-20190918

Tot Ion: 264 Resp: 41556

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 31.1 26.9 40.3

