

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007649.D
 Acq On : 14 Sep 2019 05:34
 Operator : HP/JU
 Sample : K4858-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20190910

Quant Time: Sep 16 01:37:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

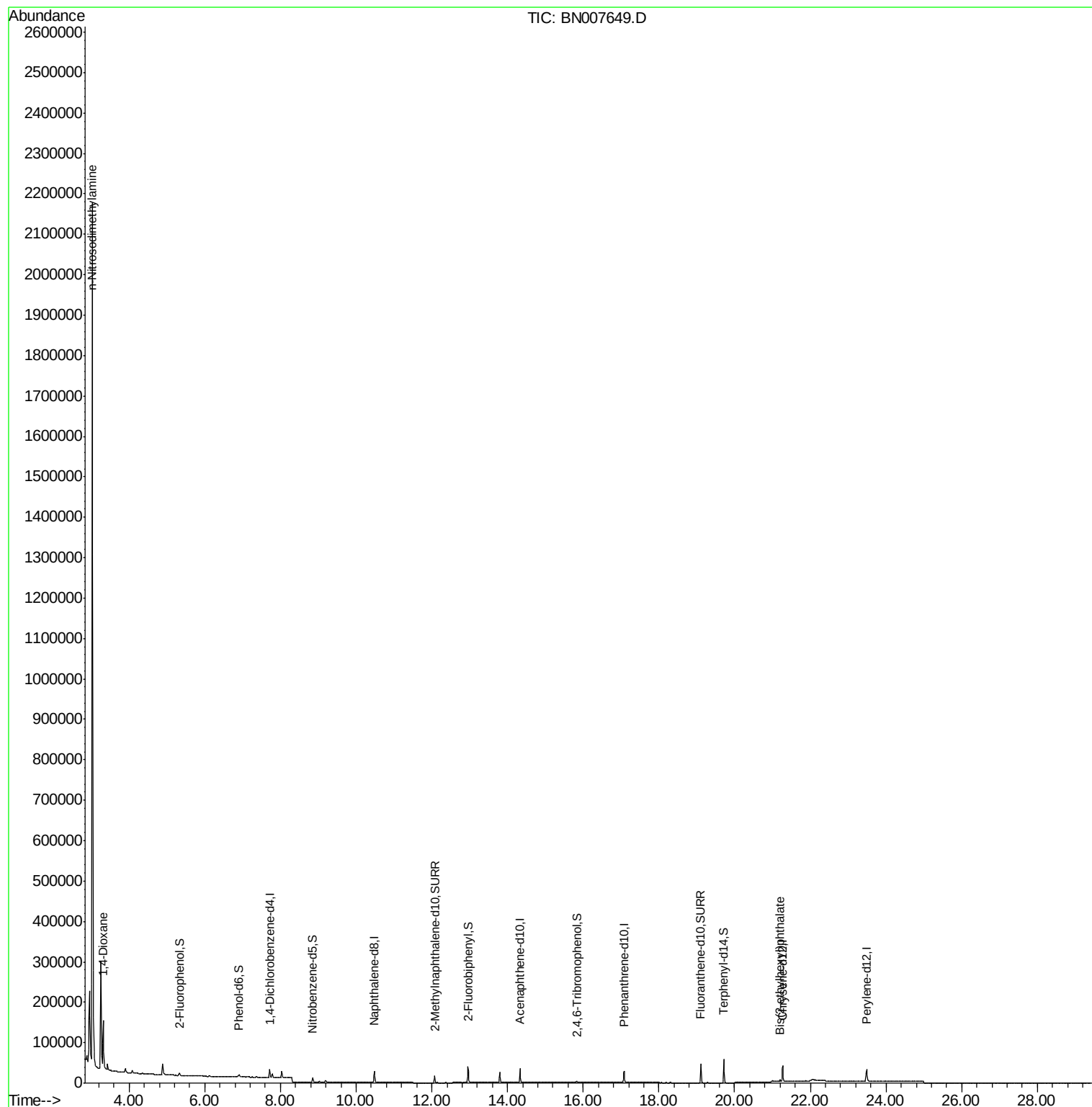
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9298	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	35480	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	19791	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	41042	0.40	ng	0.00
27) Chrysene-d12	21.27	240	39887	0.40	ng	-0.01
34) Perylene-d12	23.48	264	39549	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	4341	0.15	ng	0.00
5) Phenol-d6	6.89	99	3844	0.11	ng	0.00
8) Nitrobenzene-d5	8.85	82	9867	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	22551	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	3285	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	35449	0.41	ng	-0.01
25) Fluoranthene-d10	19.11	212	51241	0.40	ng	-0.01
29) Terphenyl-d14	19.71	244	56700	0.54	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.31	88	86674	7.780	ng	Qvalue 89
3) n-Nitrosodimethylamine	3.03	42	186230	36.836	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.21	149	4314	0.090	ng	100

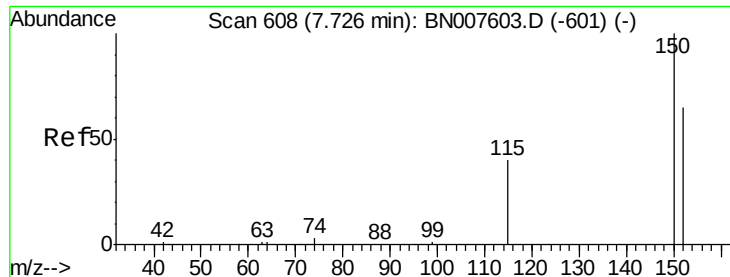
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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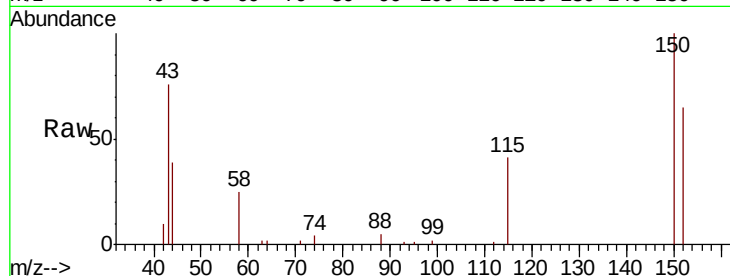


#1

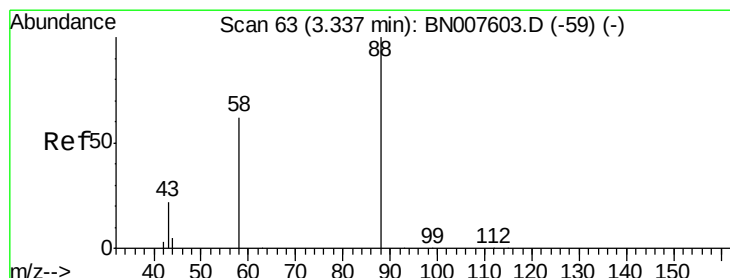
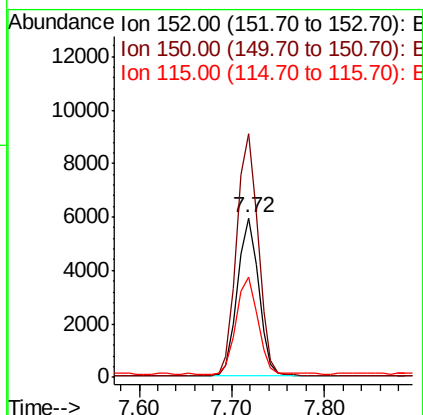
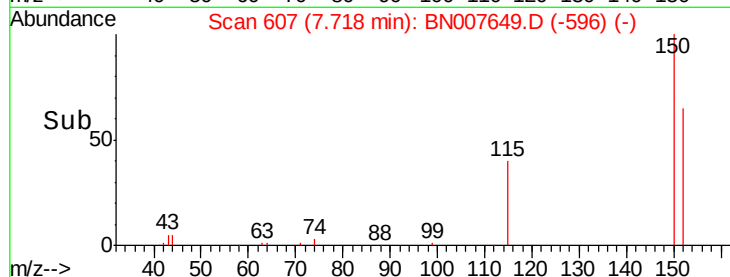
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007649.D
Acq: 14 Sep 2019 05:34

Instrument :
BNA_N
ClientSampleId :
RE131D2-20190910

Tot Ion:152 Resp: 9298
Ion Ratio Lower Upper
152 100
150 152.8 122.4 183.6
115 62.7 50.4 75.6



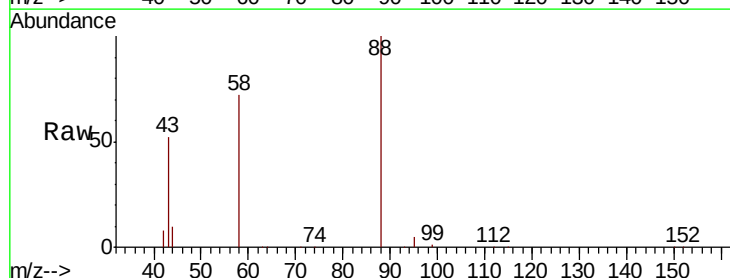
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



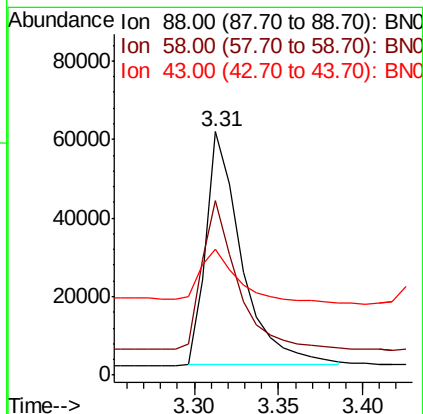
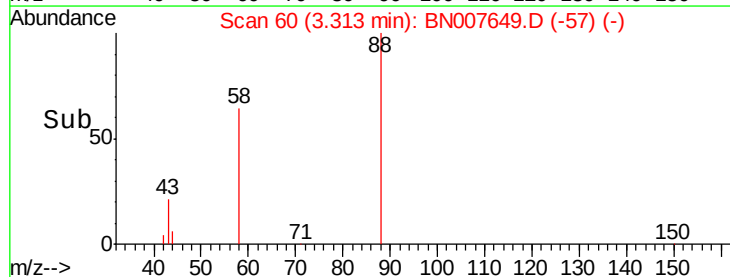
#2

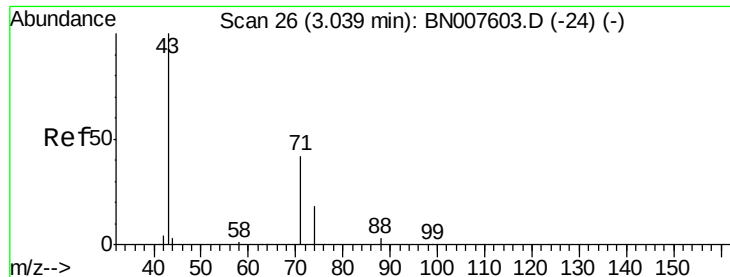
1,4-Dioxane
Concen: 7.780 ng
RT: 3.31 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN007649.D
Acq: 14 Sep 2019 05:34

Tgt Ion: 88 Resp: 86674
Ion Ratio Lower Upper
88 100
58 60.4 57.0 85.4
43 23.3 20.0 30.0



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: 36.836 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007649.D

Acq: 14 Sep 2019 05:34

Instrument :

BNA_N

ClientSampleId :

RE131D2-20190910

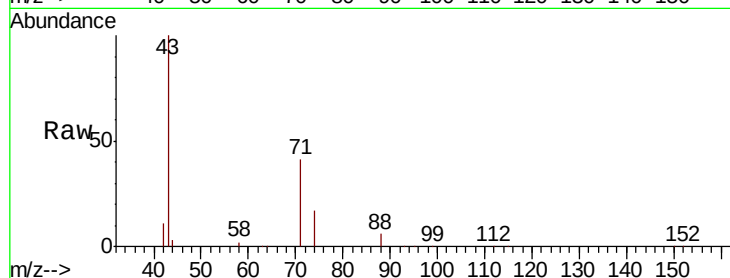
Tot Ion: 42 Resp: 186230

Ion Ratio Lower Upper

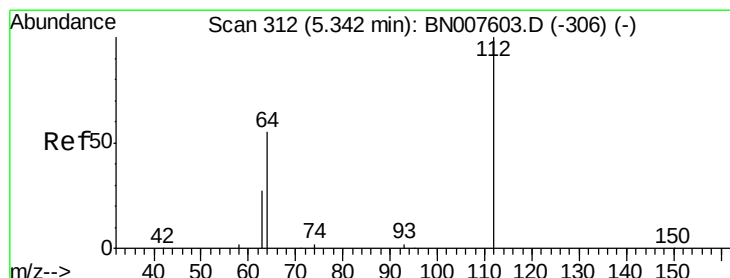
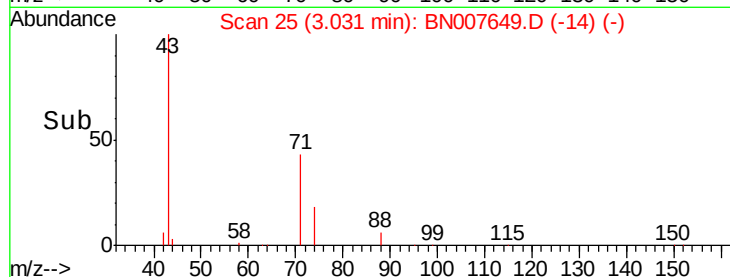
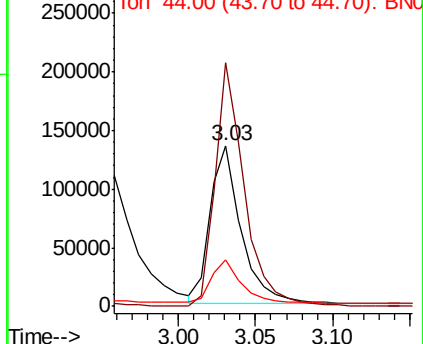
42 100

74 146.1 9.8 14.8#

44 26.6 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: 0.146 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007649.D

Acq: 14 Sep 2019 05:34

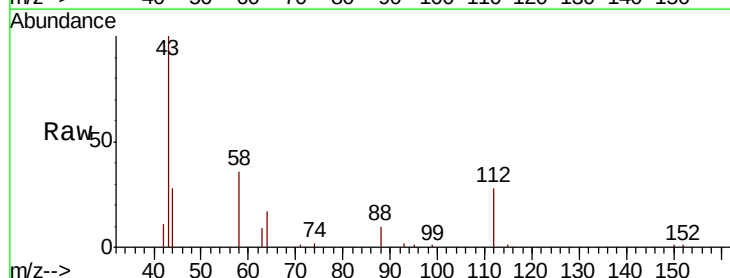
Tgt Ion: 112 Resp: 4341

Ion Ratio Lower Upper

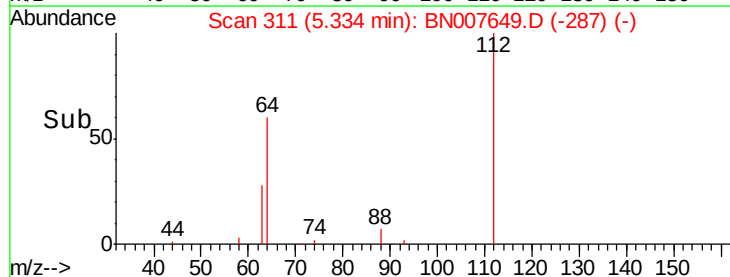
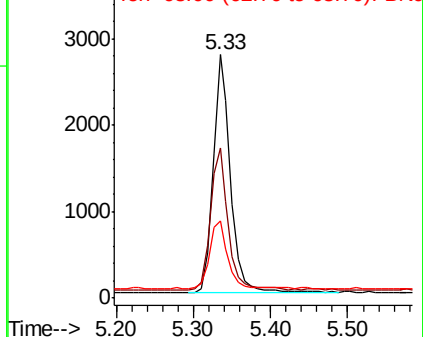
112 100

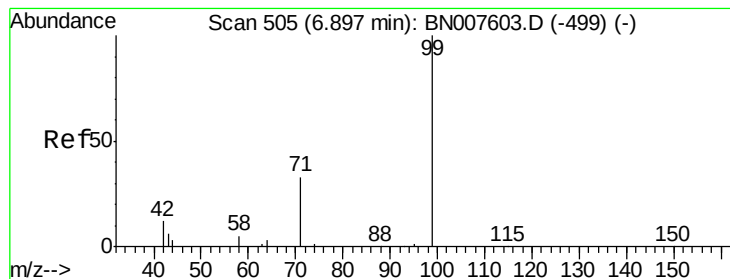
64 60.5 48.5 72.7

63 29.5 24.4 36.6



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: 0.112 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007649.D

Acq: 14 Sep 2019 05:34

Instrument :

BNA_N

ClientSampleId :

RE131D2-20190910

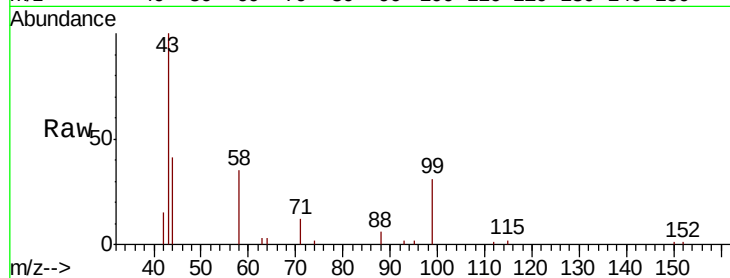
Tot Ion: 99 Resp: 3844

Ion Ratio Lower Upper

99 100

42 29.0 11.8 17.6#

71 39.8 28.0 42.0

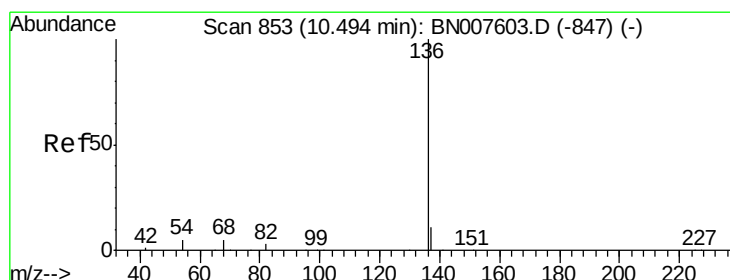
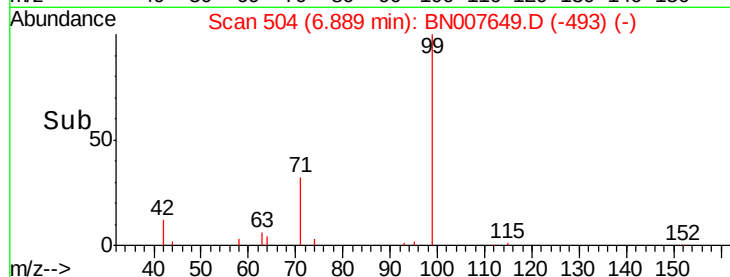
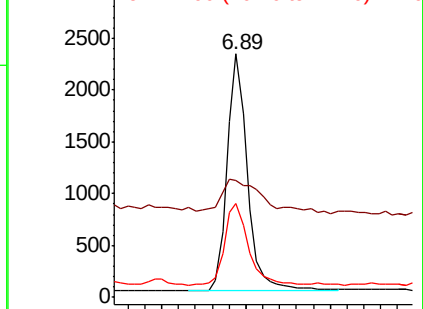


Abundance

Ion 99.00 (98.70 to 99.70): BN007603.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007603.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007603.D (-499) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007649.D

Acq: 14 Sep 2019 05:34

Tgt Ion: 136 Resp: 35480

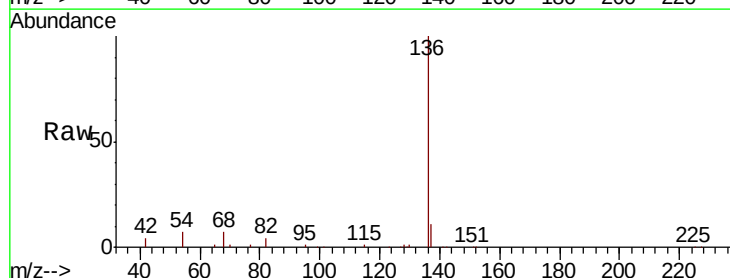
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.0 4.2 6.4#

68 7.5 4.6 7.0#



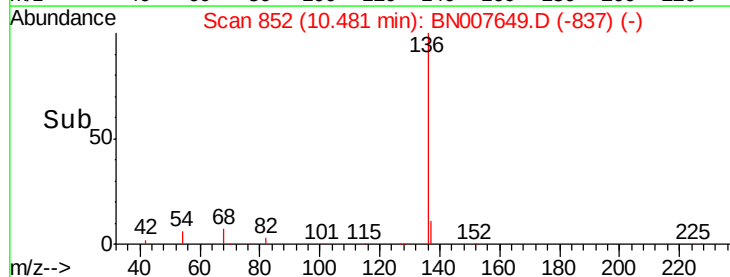
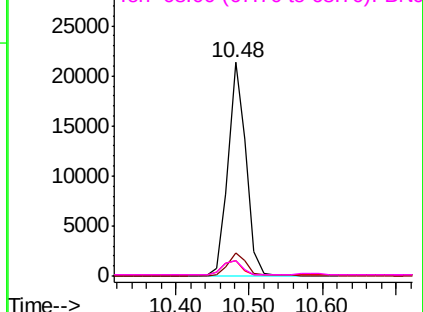
Abundance

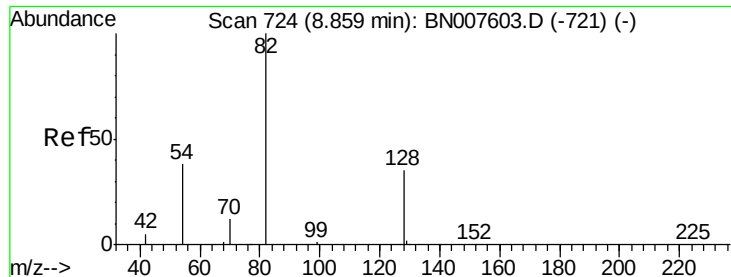
Ion 136.00 (135.70 to 136.70): BN007603.D (-847) (-)

Ion 137.00 (136.70 to 137.70): BN007603.D (-847) (-)

Ion 54.00 (53.70 to 54.70): BN007603.D (-847) (-)

Ion 68.00 (67.70 to 68.70): BN007603.D (-847) (-)





#8

Nitrobenzene-d5

Concen: 0.348 ng

RT: 8.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN007649.D

Acq: 14 Sep 2019 05:34

Instrument :

BNA_N

ClientSampleId :

RE131D2-20190910

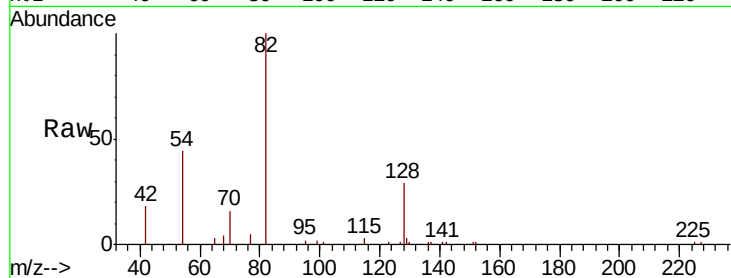
Tot Ion: 82 Resp: 9867

Ion Ratio Lower Upper

82 100

128 28.9 27.9 41.9

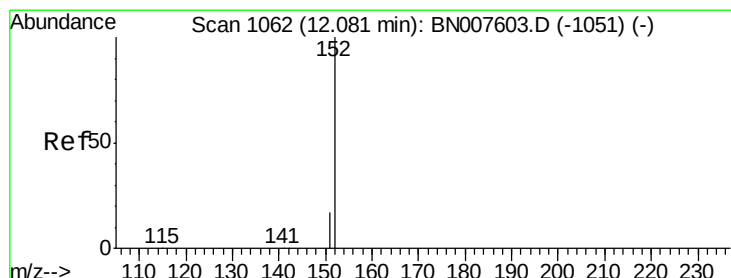
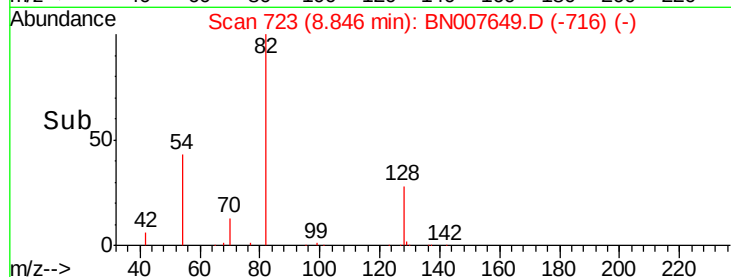
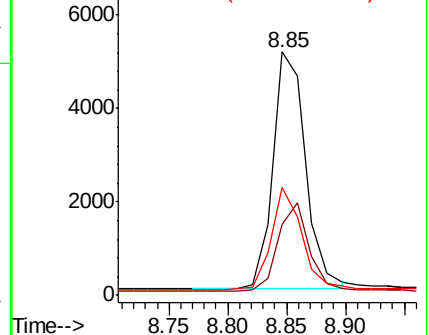
54 44.5 30.9 46.3



Abundance Ion 82.00 (81.70 to 82.70): BN007603.D (-721) (-)

Ion 128.00 (127.70 to 128.70): BN007603.D (-721) (-)

Ion 54.00 (53.70 to 54.70): BN007603.D (-721) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.376 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007649.D

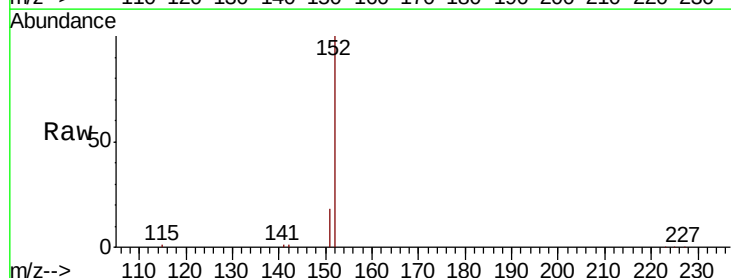
Acq: 14 Sep 2019 05:34

Tgt Ion: 152 Resp: 22551

Ion Ratio Lower Upper

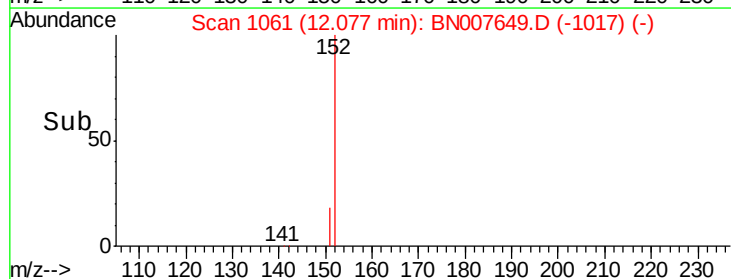
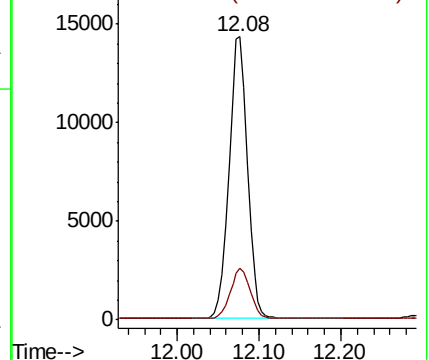
152 100

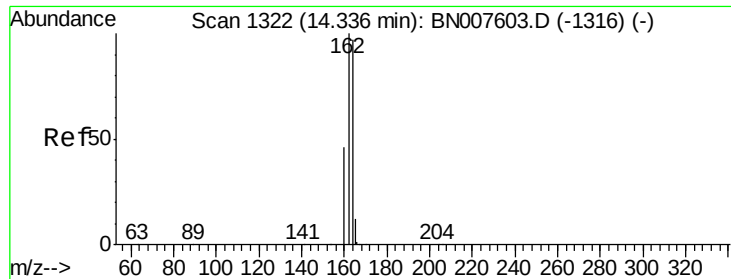
151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN007603.D (-1051) (-)

Ion 151.00 (150.70 to 151.70): BN007603.D (-1051) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007649.D

Acq: 14 Sep 2019 05:34

Instrument :

BNA_N

ClientSampleId :

RE131D2-20190910

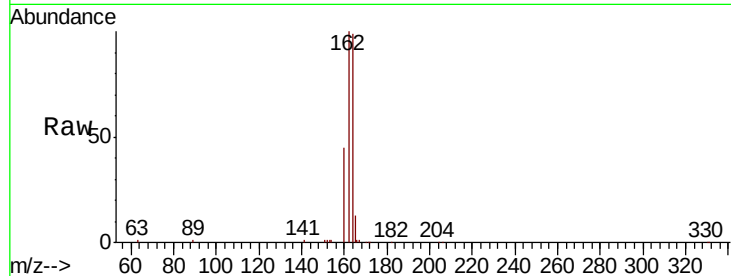
Tot Ion:164 Resp: 19791

Ion Ratio Lower Upper

164 100

162 101.0 82.8 124.2

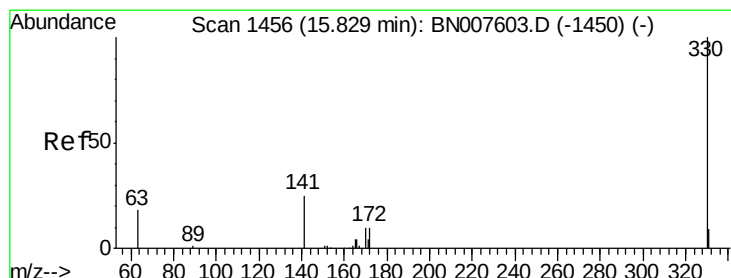
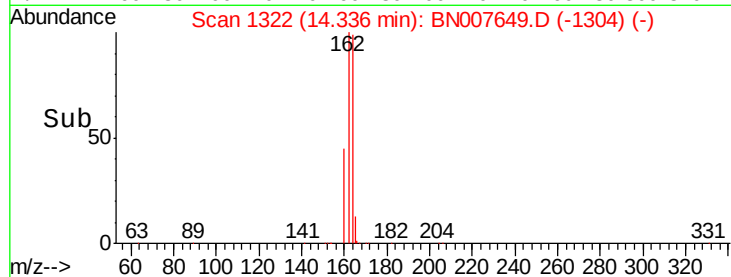
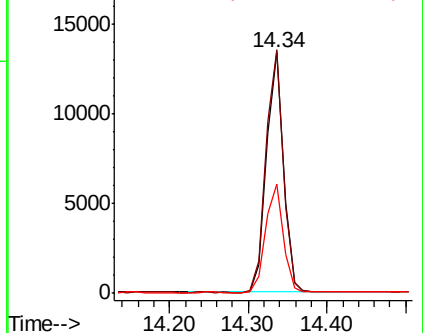
160 45.3 38.0 57.0



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: 0.439 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007649.D

Acq: 14 Sep 2019 05:34

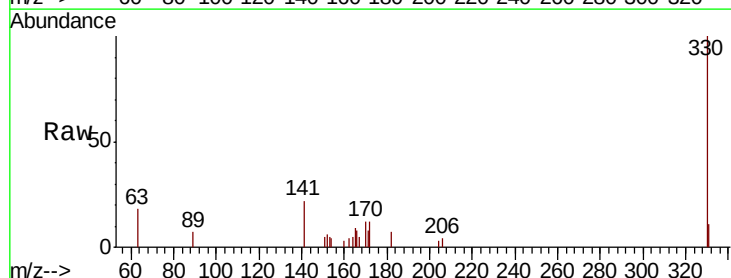
Tgt Ion:330 Resp: 3285

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

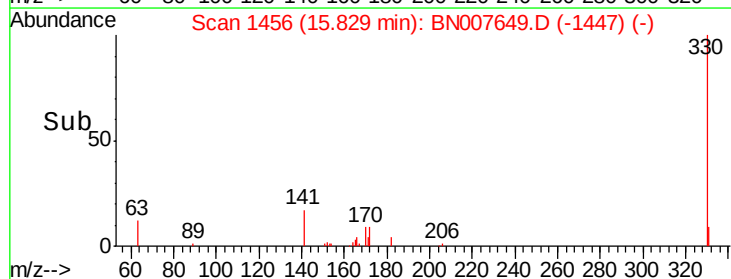
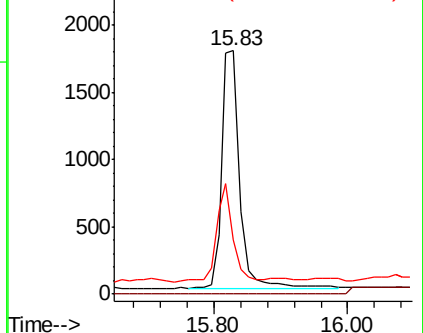
141 36.8 30.1 45.1

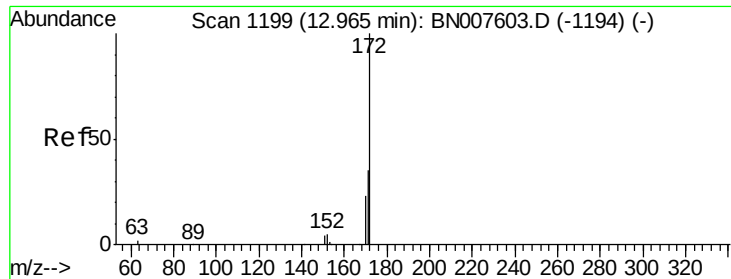


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

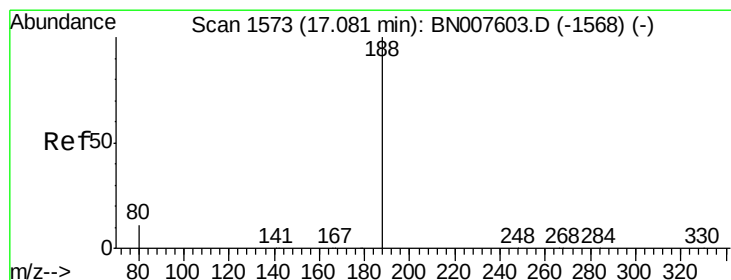
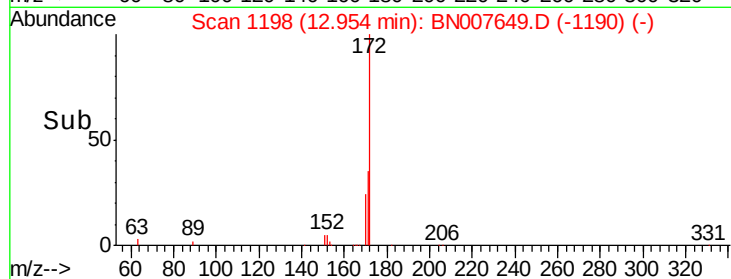
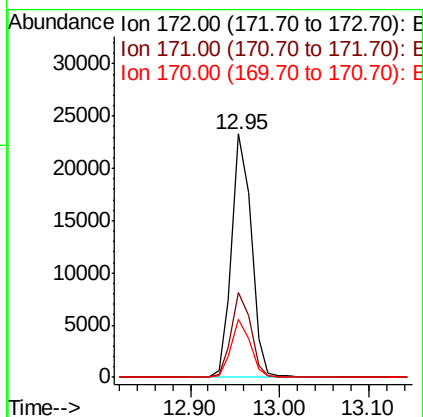
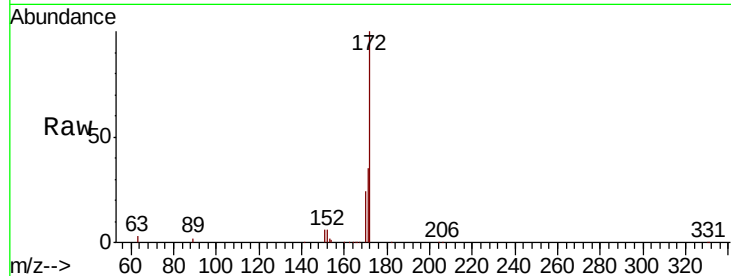




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.95 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BN007649.D
Acq: 14 Sep 2019 05:34

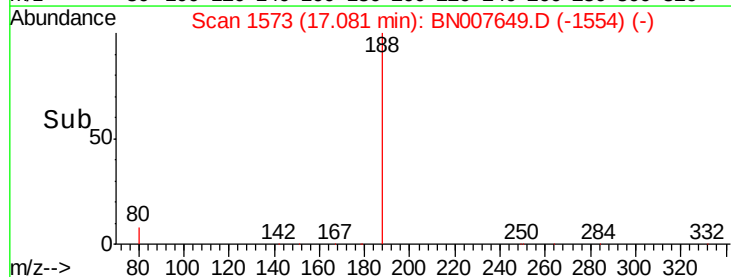
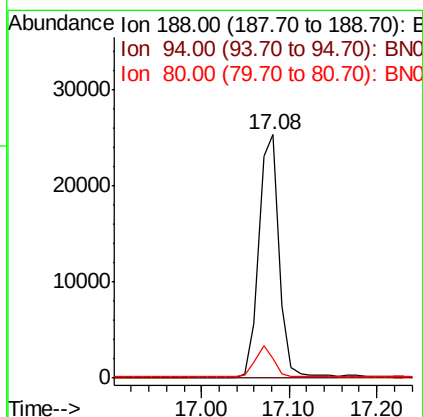
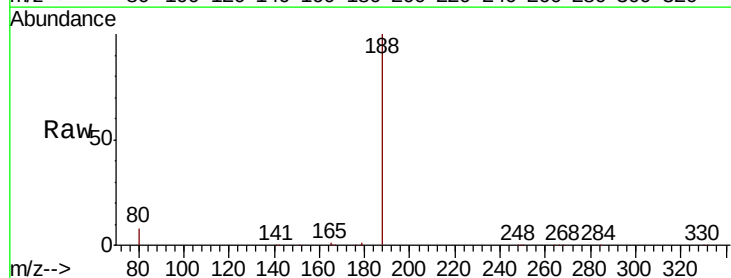
Instrument :
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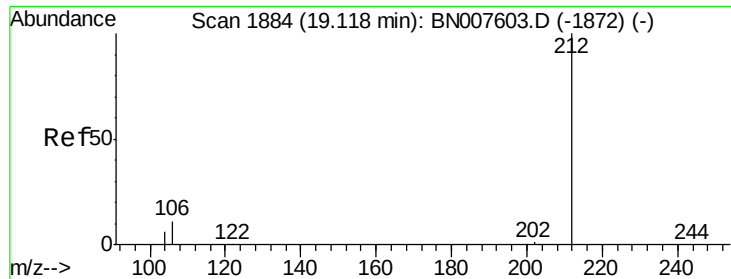
Tot Ion:172 Resp: 35449
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.8 18.5 27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007649.D
Acq: 14 Sep 2019 05:34

Tgt Ion:188 Resp: 41042
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 8.8 13.2#





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 19.11 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BN007649.D

Acq: 14 Sep 2019 05:34

Instrument :

BNA_N

ClientSampleId :

RE131D2-20190910

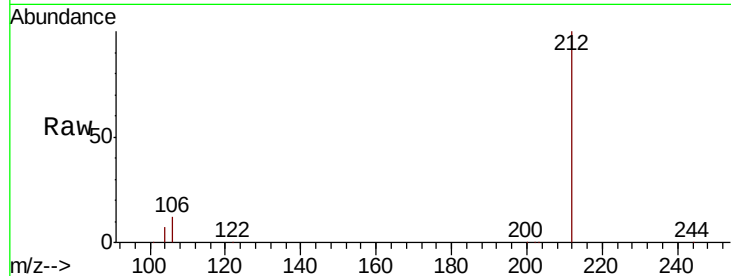
Tot Ion:212 Resp: 51241

Ion Ratio Lower Upper

212 100

106 12.4 9.6 14.4

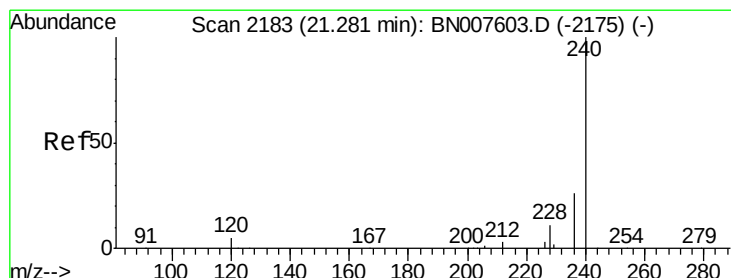
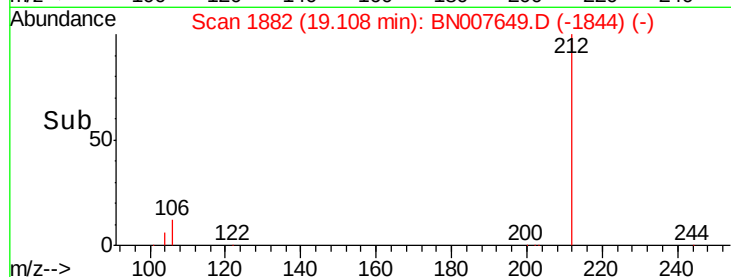
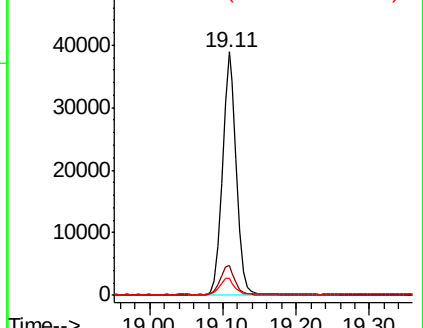
104 6.8 5.4 8.0



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: 21.27 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007649.D

Acq: 14 Sep 2019 05:34

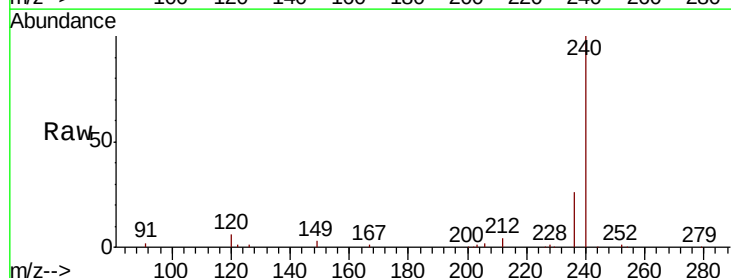
Tgt Ion:240 Resp: 39887

Ion Ratio Lower Upper

240 100

120 5.7 4.3 6.5

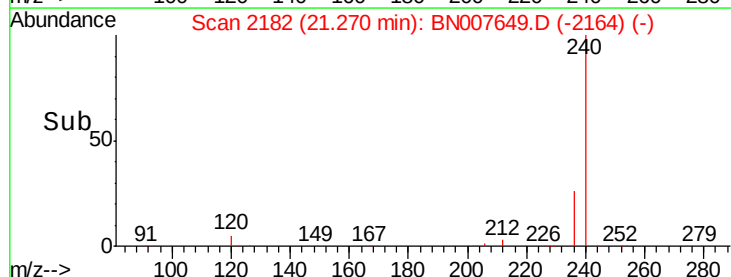
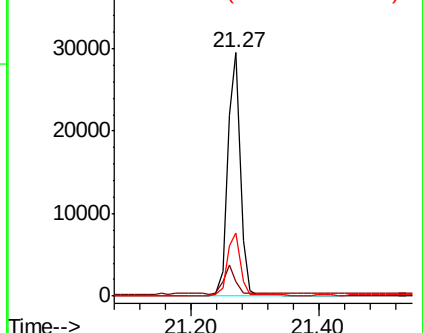
236 26.0 20.8 31.2

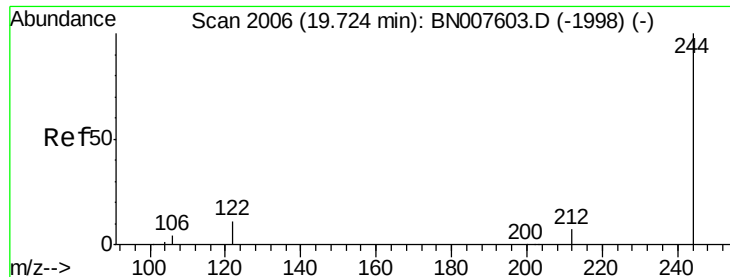


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.539 ng

RT: 19.71 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BN007649.D

Acq: 14 Sep 2019 05:34

Instrument :

BNA_N

ClientSampleId :

RE131D2-20190910

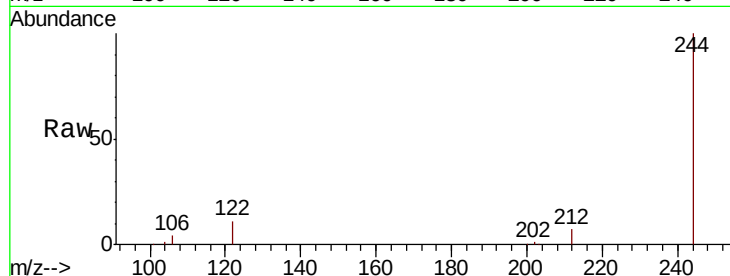
Tot Ion:244 Resp: 56700

Ion Ratio Lower Upper

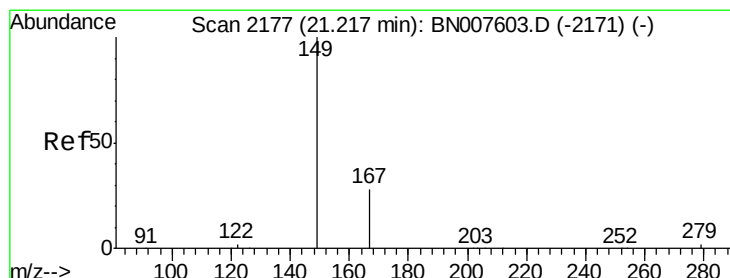
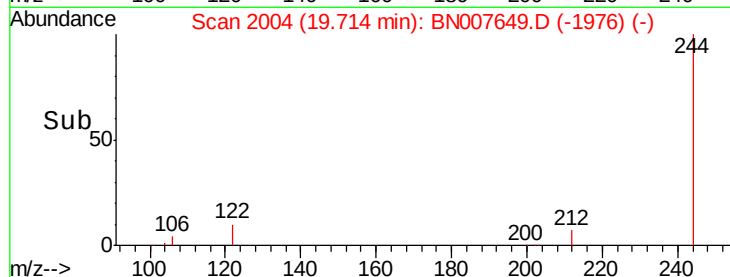
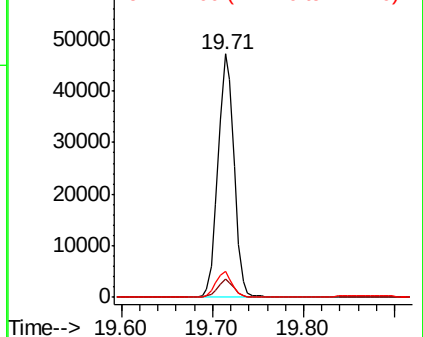
244 100

212 7.4 5.9 8.9

122 10.7 8.6 12.8



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: 0.090 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN007649.D

Acq: 14 Sep 2019 05:34

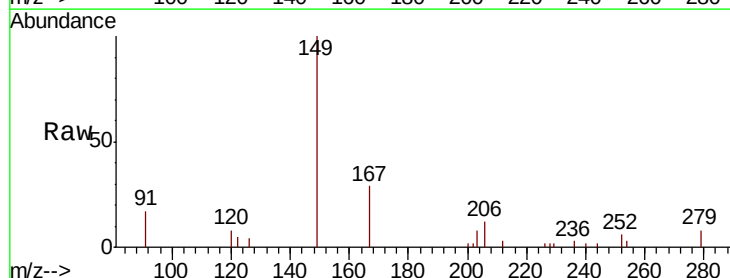
Tgt Ion:149 Resp: 4314

Ion Ratio Lower Upper

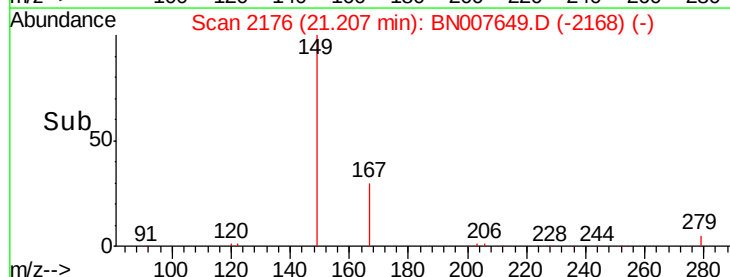
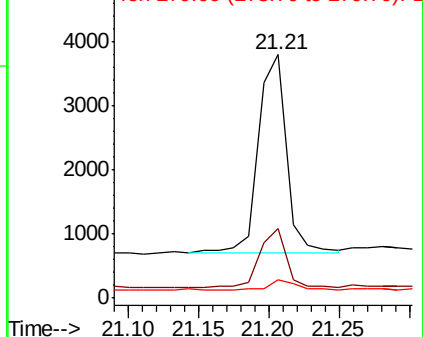
149 100

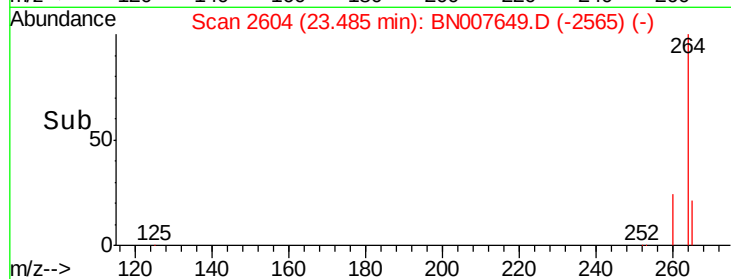
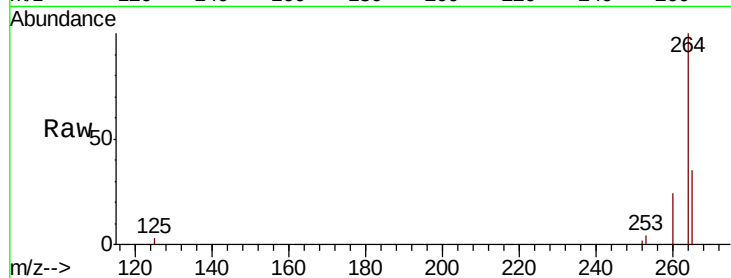
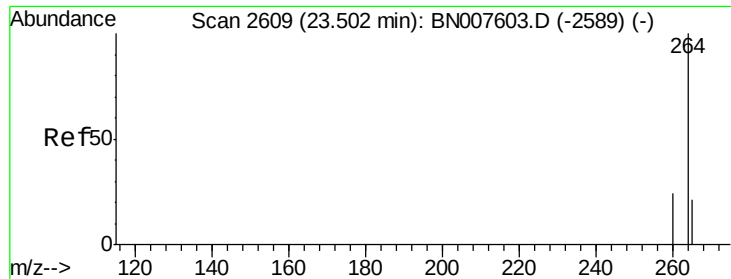
167 28.2 22.6 34.0

279 4.4 3.8 5.6



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# 2604
 Delta R.T. -0.02 min
 Lab File: BN007649.D
 Acq: 14 Sep 2019 05:34

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20190910

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	34.7	24.6	37.0

