

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007724.D
 Acq On : 19 Sep 2019 02:15
 Operator : HP/JU
 Sample : K4896-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20190912

Quant Time: Sep 19 14:56:26 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

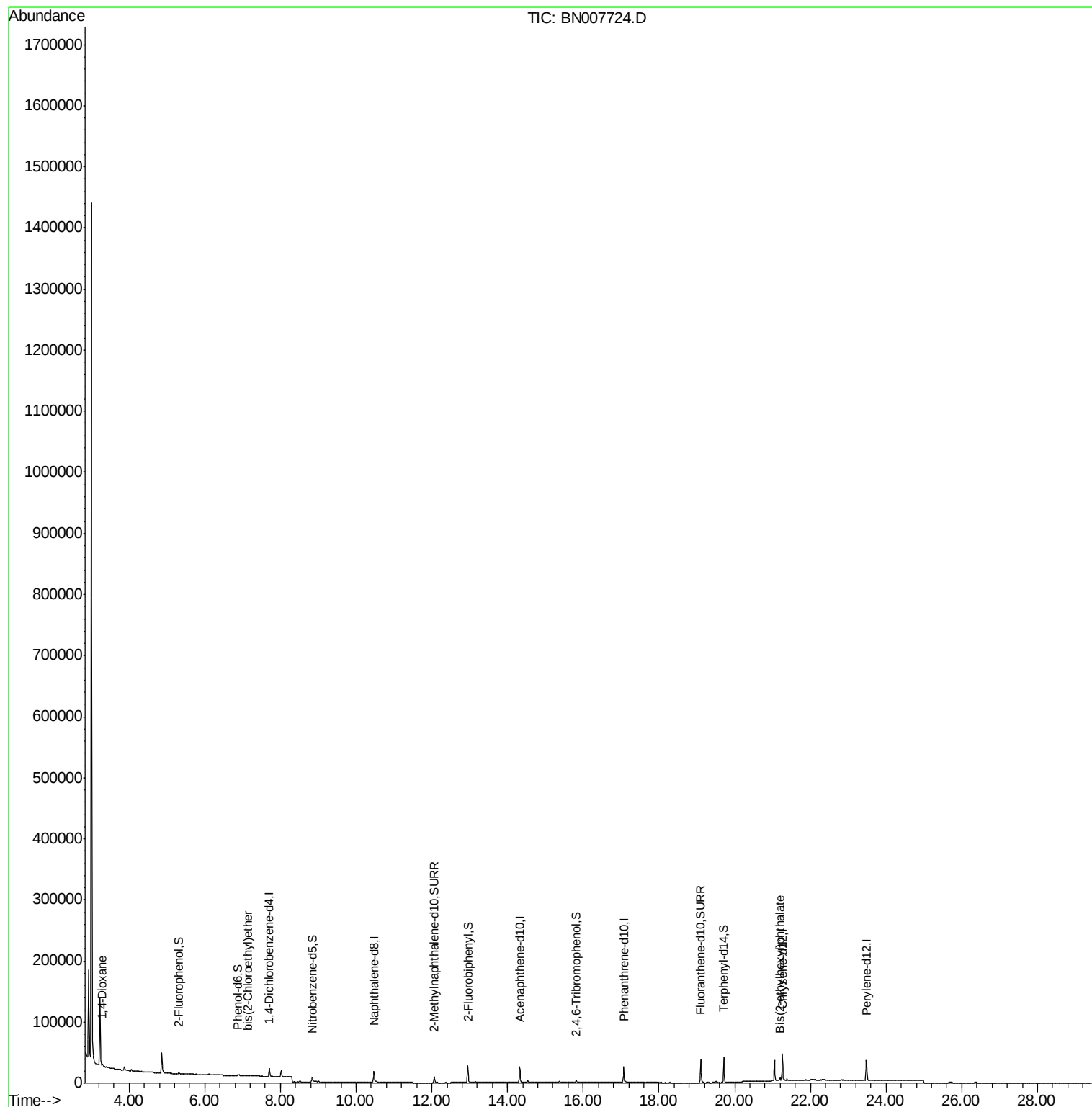
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6220	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	24295	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	15001	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	34473	0.40	ng	0.00
27) Chrysene-d12	21.26	240	38761	0.40	ng	0.00
34) Perylene-d12	23.48	264	42852	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2555	0.12	ng	0.00
5) Phenol-d6	6.87	99	1970	0.07	ng	0.00
8) Nitrobenzene-d5	8.83	82	7164	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	14513	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	2116	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	25473	0.41	ng	0.00
25) Fluoranthene-d10	19.10	212	43064	0.37	ng	0.00
29) Terphenyl-d14	19.71	244	41555	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	2442	0.352	ng	# 70
6) bis(2-Chloroethyl)ether	7.15	93	1356	0.077	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.20	149	4326	0.059	ng	96

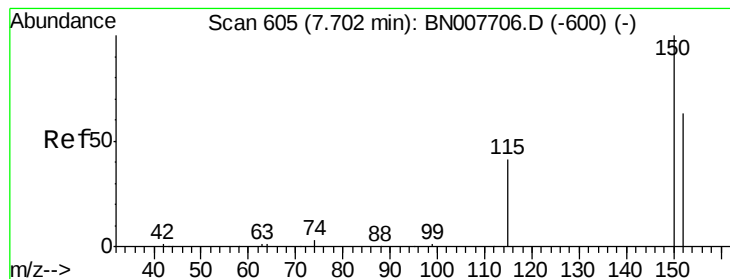
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN007724.D

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ClientSampleId :

RE104D2-20190912

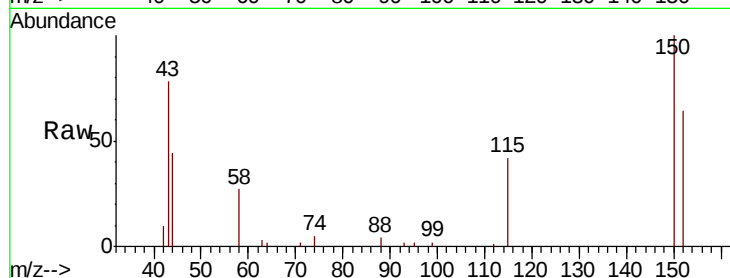
Tot Ion:152 Resp: 6220

Ion Ratio Lower Upper

152 100

150 155.7 125.6 188.4

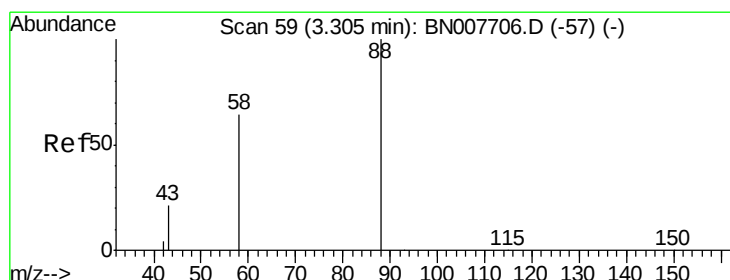
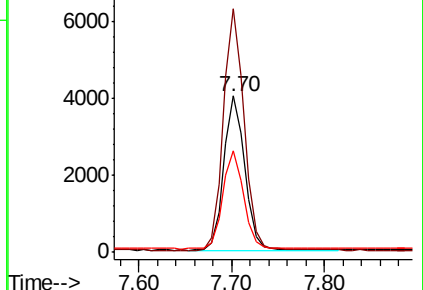
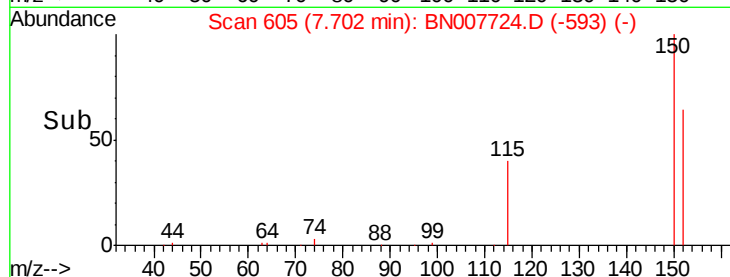
115 64.7 53.3 79.9



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: 0.352 ng

RT: 3.30 min Scan# 59

Delta R.T. 0.00 min

Lab File: BN007724.D

Acq: 19 Sep 2019 02:15

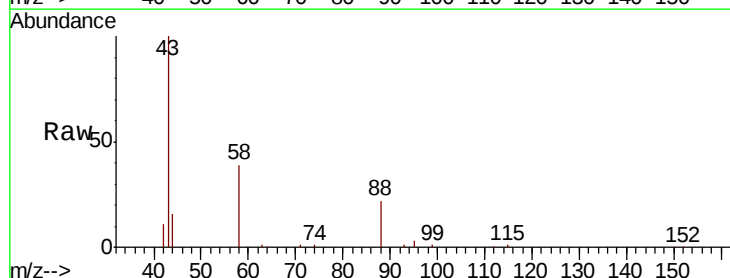
Tgt Ion: 88 Resp: 2442

Ion Ratio Lower Upper

88 100

58 74.9 44.6 66.8#

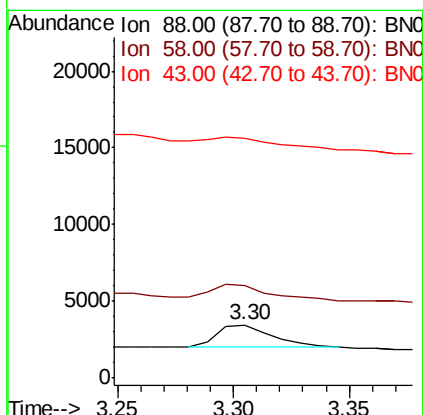
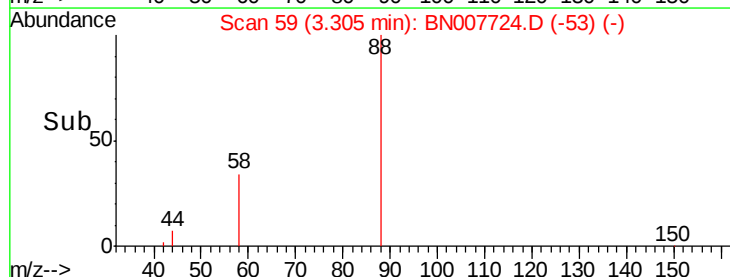
43 0.0 14.4 21.6#



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





#4

2-Fluorophenol

Concen: 0.119 ng

RT: 5.32 min Scan# 309

Delta R.T. 0.00 min

Lab File: BN007724.D

Acq: 19 Sep 2019 02:15

Instrument :

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RE104D2-20190912

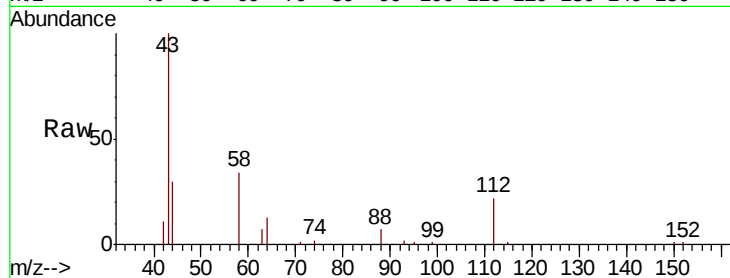
Tot Ion: 112 Resp: 2555

Ion Ratio Lower Upper

112 100

64 59.8 46.6 70.0

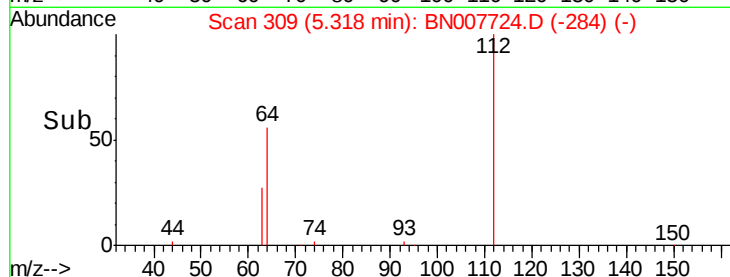
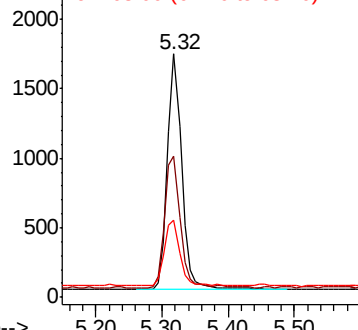
63 30.2 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.069 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007724.D

Acq: 19 Sep 2019 02:15

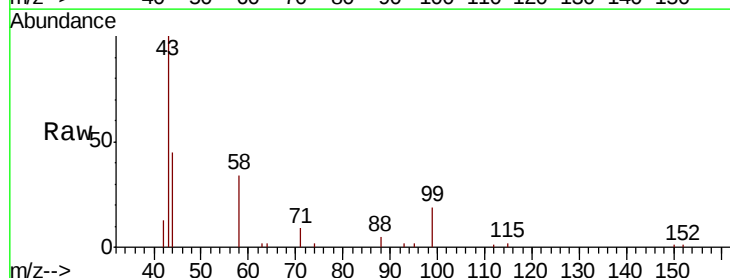
Tgt Ion: 99 Resp: 1970

Ion Ratio Lower Upper

99 100

42 17.0 12.8 19.2

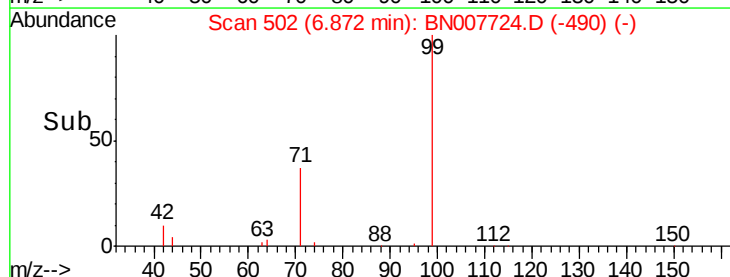
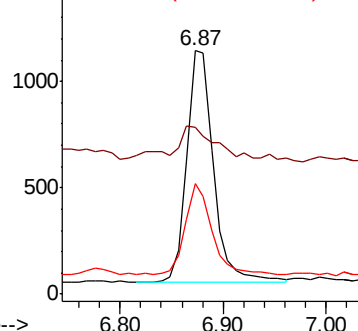
71 39.3 27.6 41.4

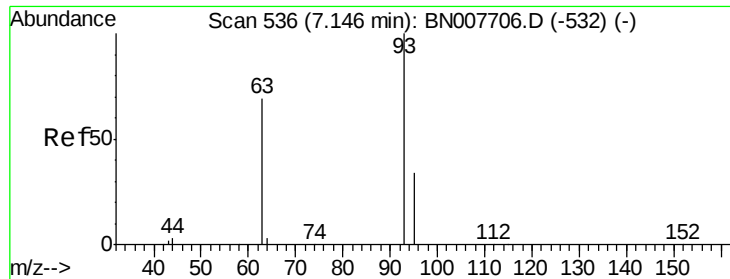


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.077 ng

RT: 7.15 min Scan# 536

Delta R.T. 0.00 min

Lab File: BN007724.D

Acq: 19 Sep 2019 02:15

Instrument :

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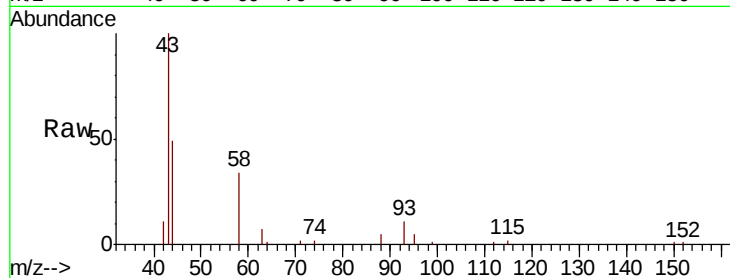
Tot Ion: 93 Resp: 1356

Ion Ratio Lower Upper

93 100

63 57.8 59.3 88.9#

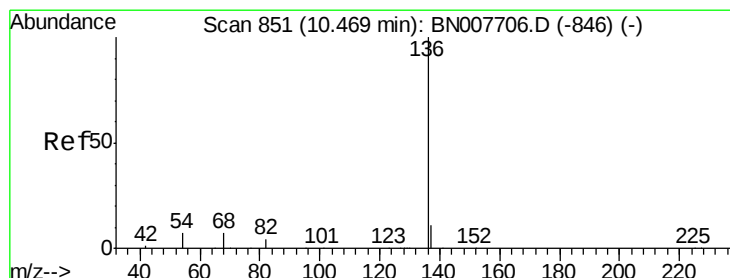
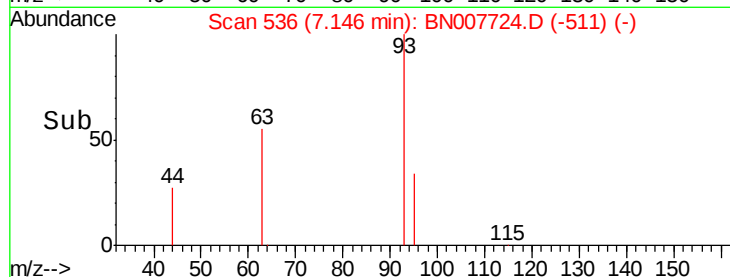
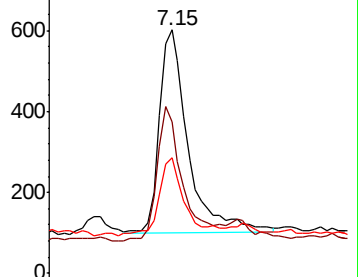
95 34.5 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007724.D

Acq: 19 Sep 2019 02:15

Tgt Ion: 136 Resp: 24295

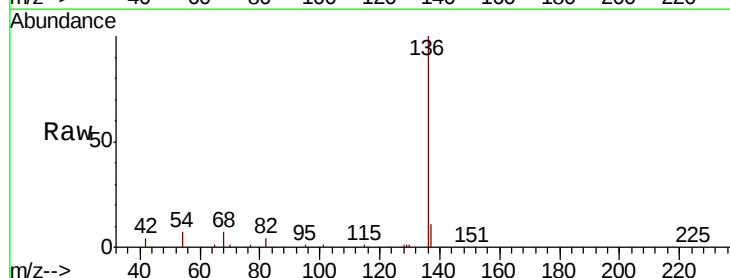
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.9 5.8 8.8

68 7.3 6.5 9.7

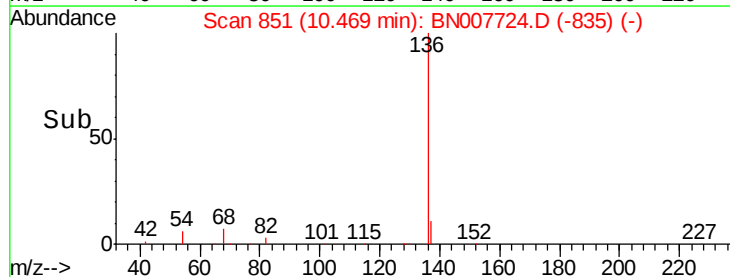
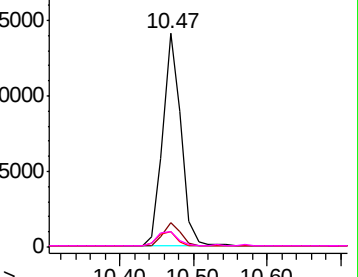


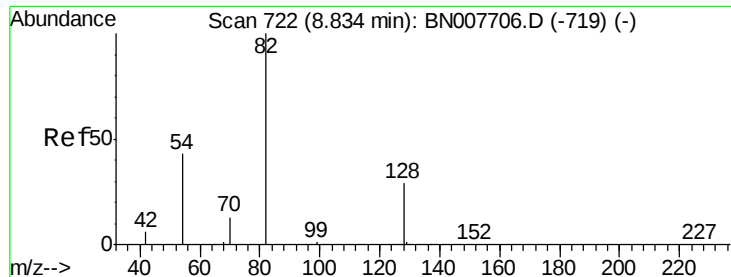
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

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) (-)





#8

Nitrobenzene-d5

Concen: 0.337 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007724.D

Acq: 19 Sep 2019 02:15

Instrument :

BNA_N

ClientSampleId :

RE104D2-20190912

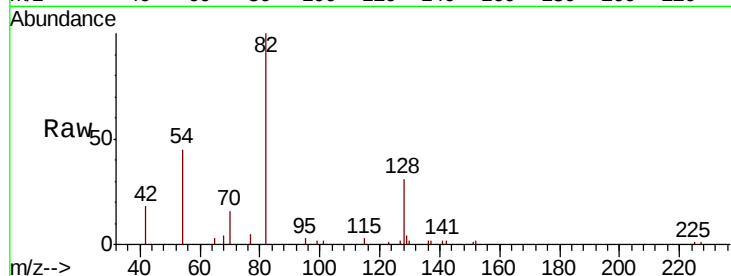
Tot Ion: 82 Resp: 7164

Ion Ratio Lower Upper

82 100

128 31.1 24.5 36.7

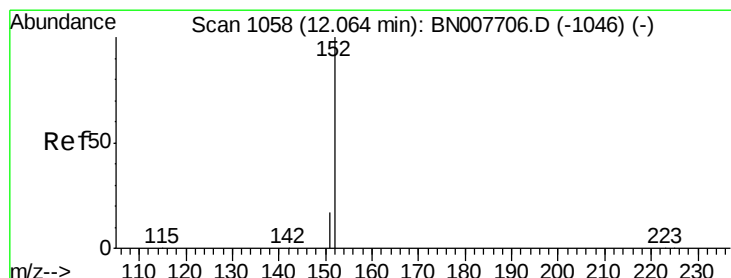
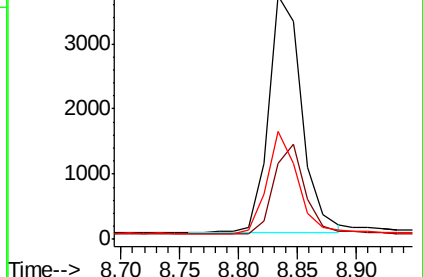
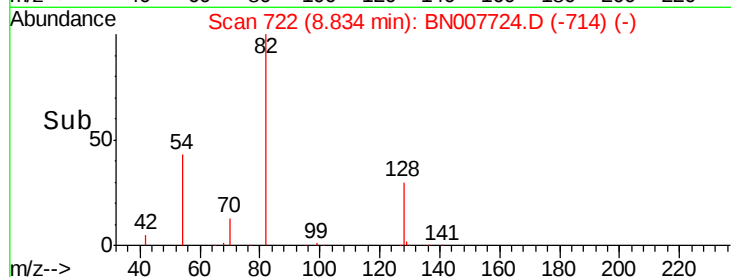
54 44.6 35.2 52.8



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) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

RT: 12.06 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BN007724.D

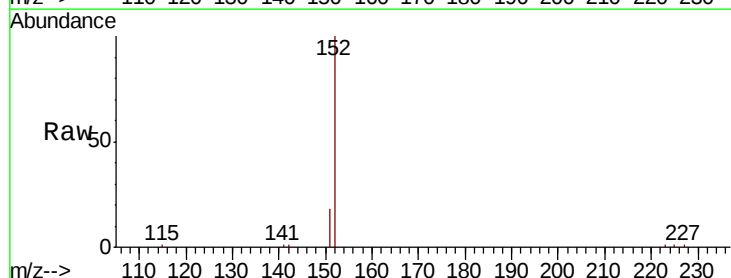
Acq: 19 Sep 2019 02:15

Tgt Ion: 152 Resp: 14513

Ion Ratio Lower Upper

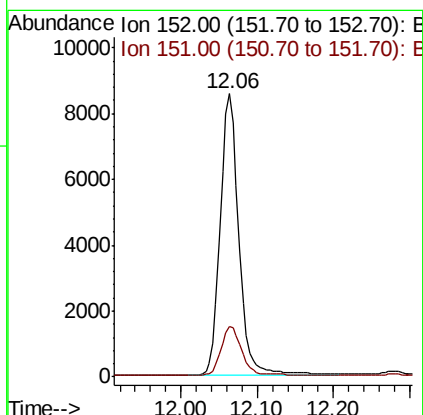
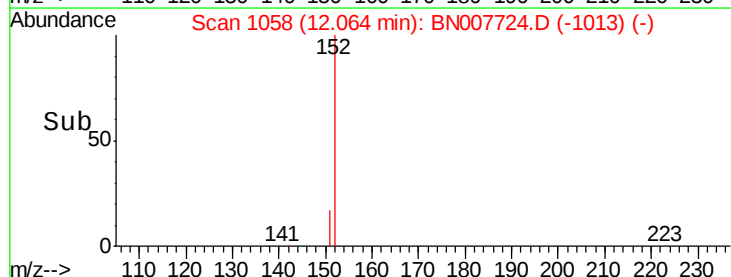
152 100

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) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BN007724.D

Acq: 19 Sep 2019 02:15

Instrument :

BNA_N

ClientSampleId :

RE104D2-20190912

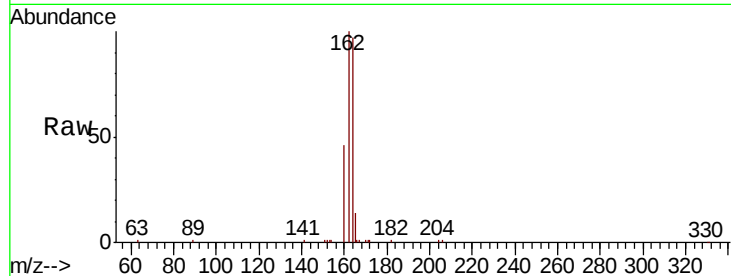
Tot Ion:164 Resp: 15001

Ion Ratio Lower Upper

164 100

162 103.4 81.7 122.5

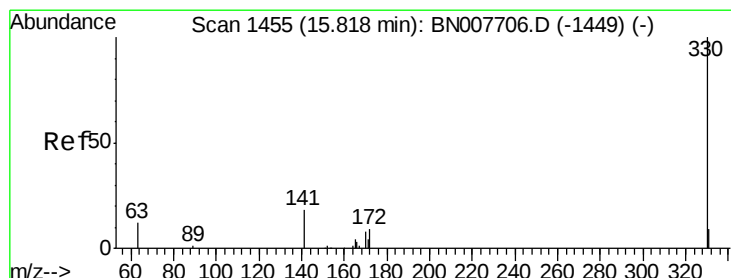
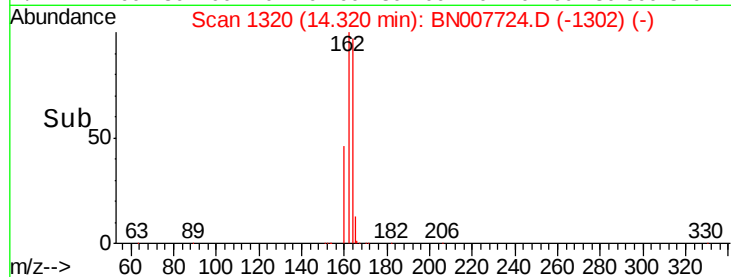
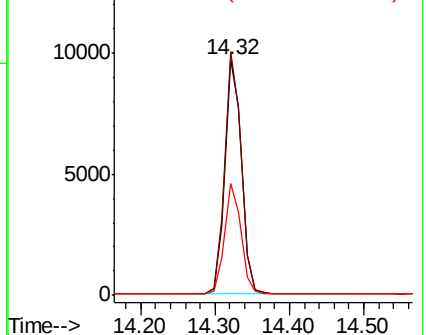
160 47.4 37.0 55.4



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: 0.259 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BN007724.D

Acq: 19 Sep 2019 02:15

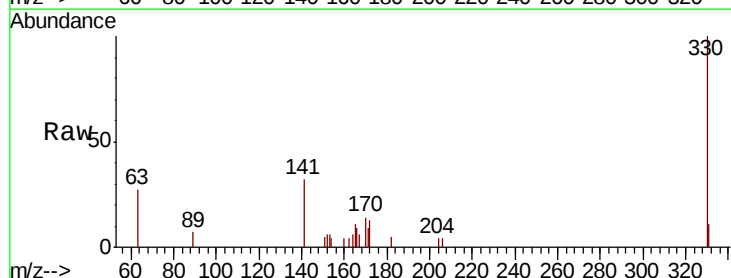
Tgt Ion:330 Resp: 2116

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

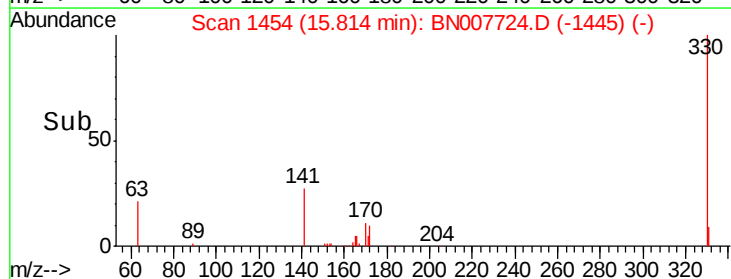
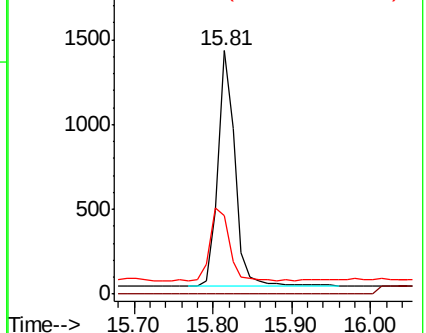
141 34.1 28.7 43.1



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

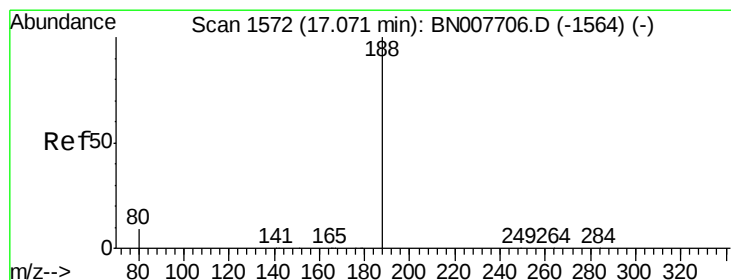
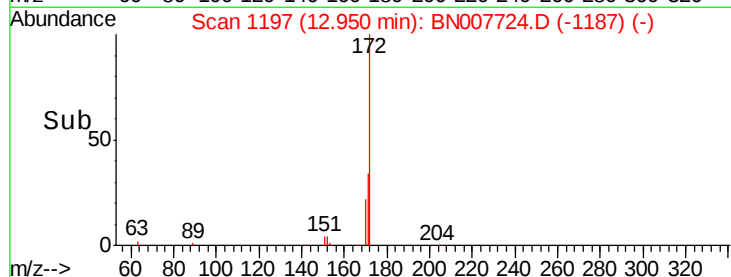
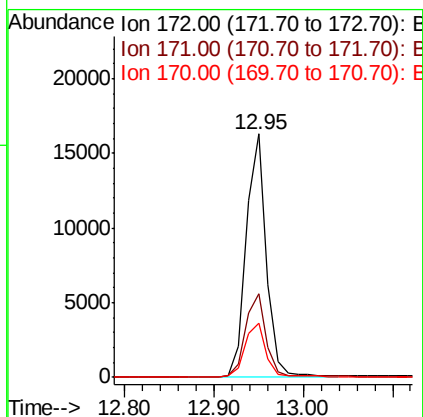
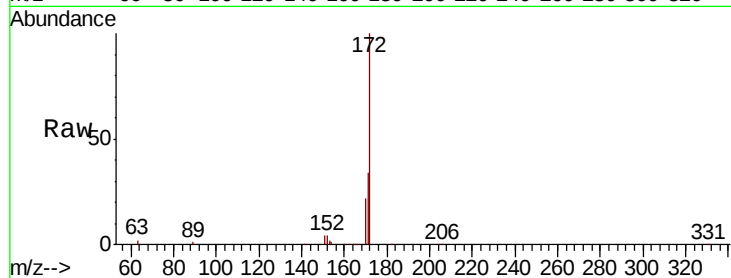




#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.95 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BN007724.D
Acq: 19 Sep 2019 02:15

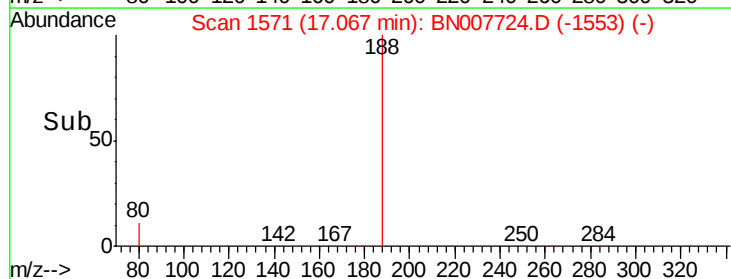
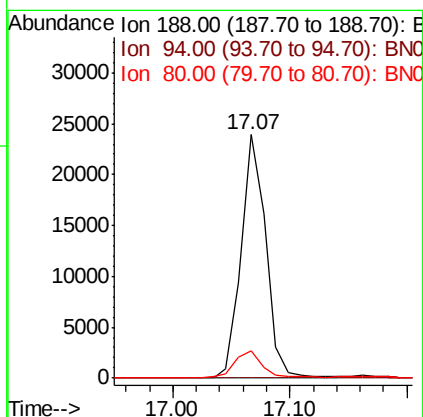
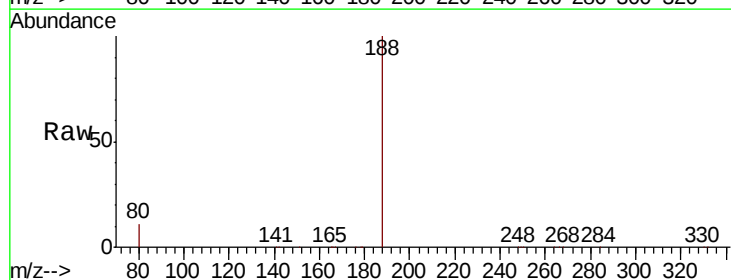
Instrument :
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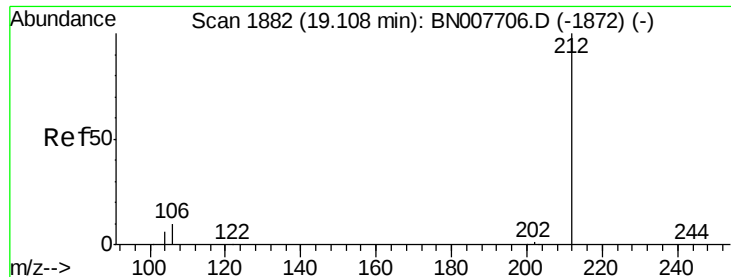
Tot Ion:172 Resp: 25473
Ion Ratio Lower Upper
172 100
171 34.3 28.8 43.2
170 22.1 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BN007724.D
Acq: 19 Sep 2019 02:15

Tgt Ion:188 Resp: 34473
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 7.4 11.2#

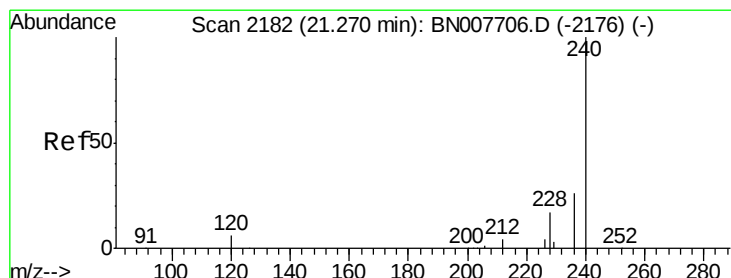
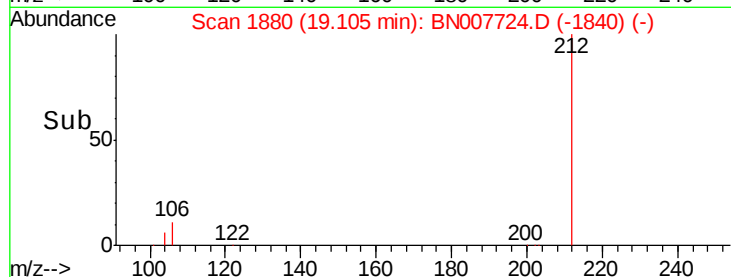
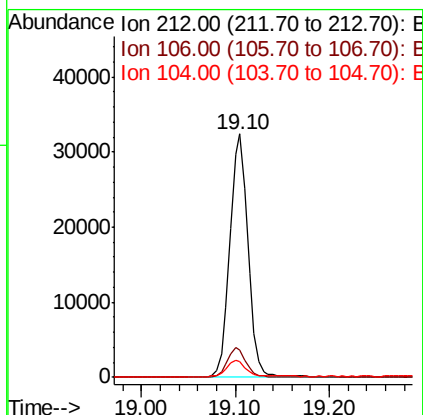
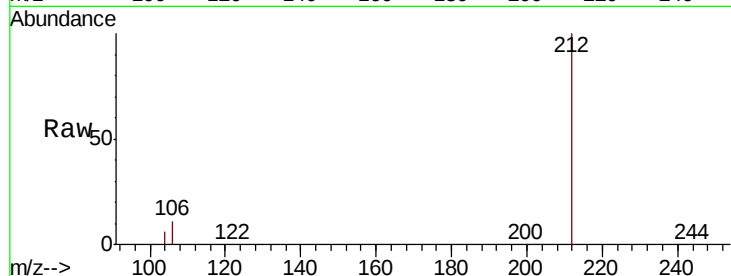




#25
 Fluoranthene-d10
 Concen: 0.371 ng
 RT: 19.10 min Scan# 1880
 Delta R.T. -0.00 min
 Lab File: BN007724.D
 Acq: 19 Sep 2019 02:15

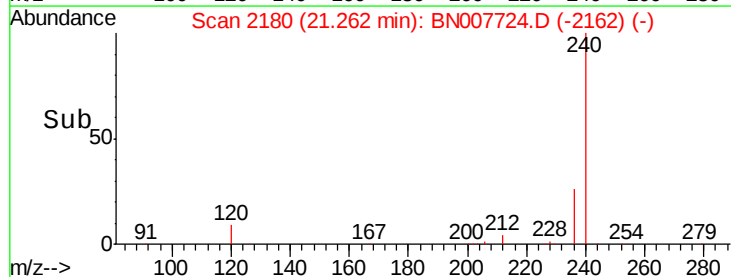
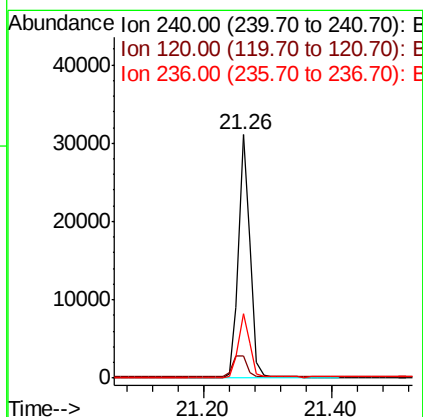
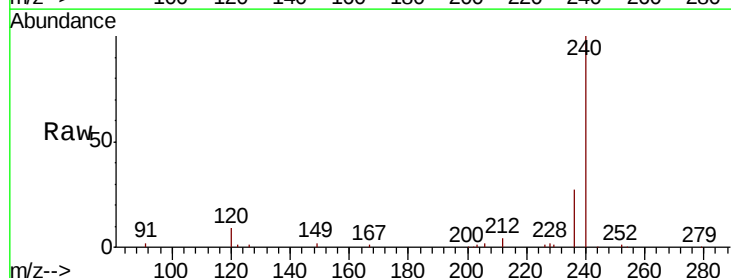
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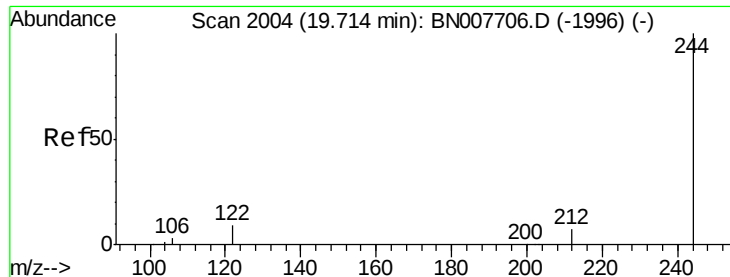
Tot Ion:212 Resp: 43064
 Ion Ratio Lower Upper
 212 100
 106 11.8 9.4 14.0
 104 6.6 5.3 7.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BN007724.D
 Acq: 19 Sep 2019 02:15

Tgt Ion:240 Resp: 38761
 Ion Ratio Lower Upper
 240 100
 120 9.3 5.4 8.2#
 236 26.6 21.0 31.4





#29

Terphenyl-d14

Concen: 0.436 ng

RT: 19.71 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BN007724.D

Acq: 19 Sep 2019 02:15

Instrument :

BNA_N

ClientSampleId :

RE104D2-20190912

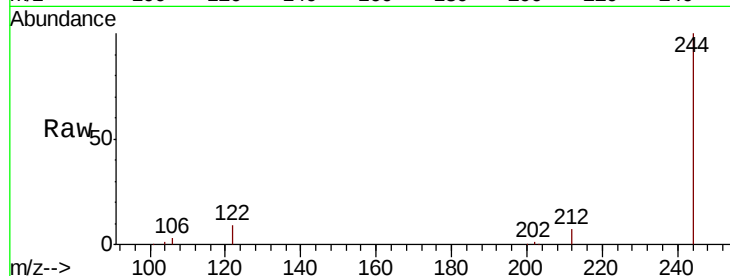
Tot Ion:244 Resp: 41555

Ion Ratio Lower Upper

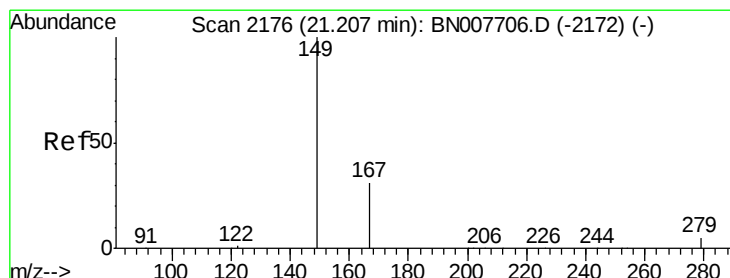
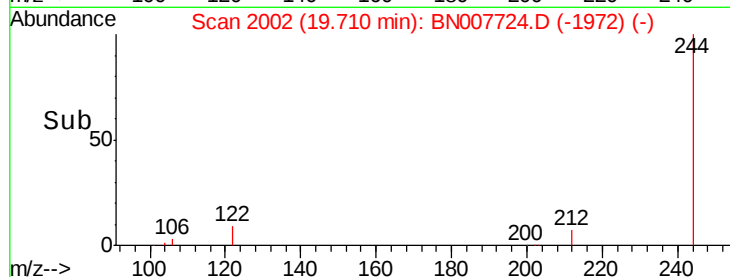
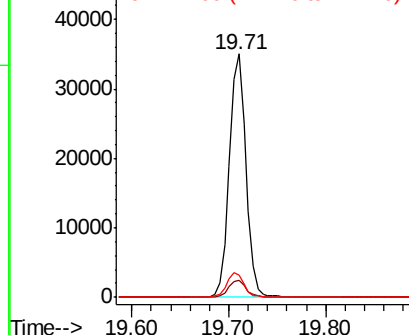
244 100

212 7.2 5.9 8.9

122 9.1 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: 0.059 ng

RT: 21.20 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007724.D

Acq: 19 Sep 2019 02:15

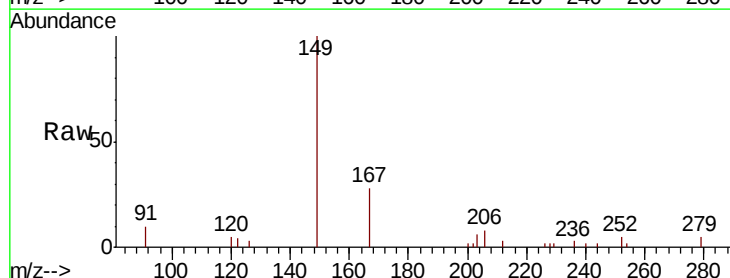
Tgt Ion:149 Resp: 4326

Ion Ratio Lower Upper

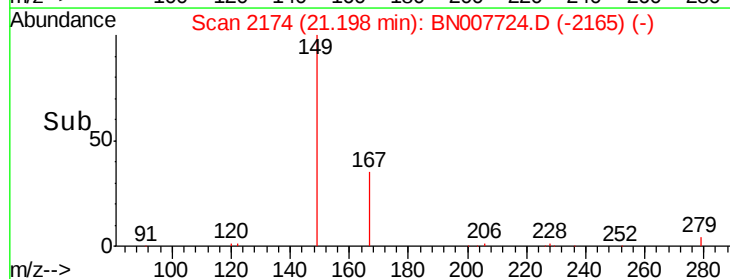
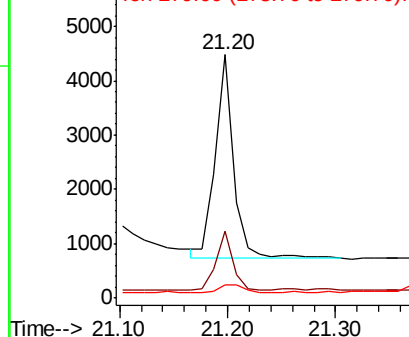
149 100

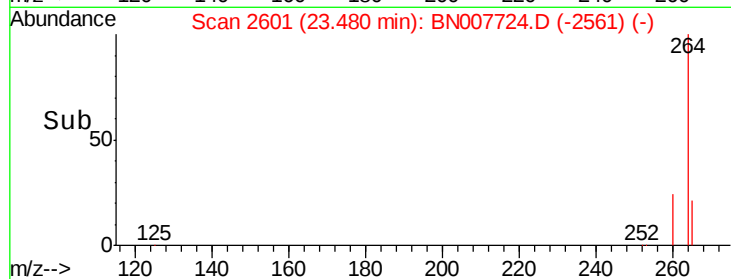
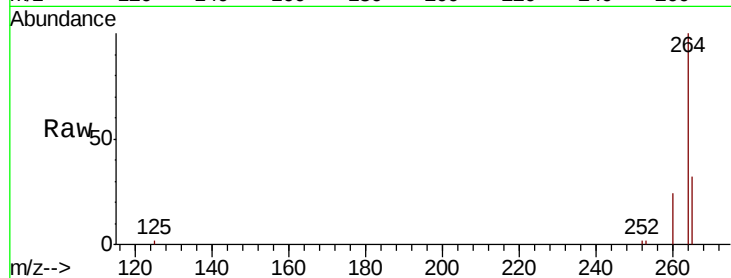
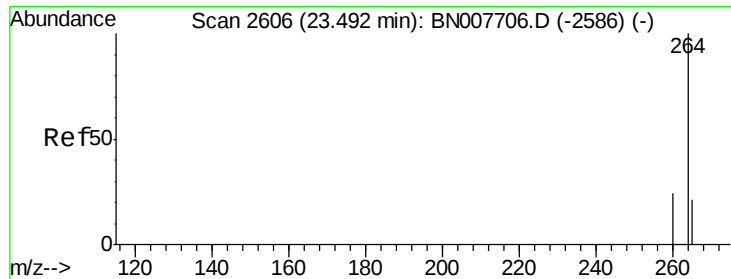
167 26.9 23.7 35.5

279 5.1 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# 2601
 Delta R.T. -0.01 min
 Lab File: BN007724.D
 Acq: 19 Sep 2019 02:15

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20190912

Tot Ion:264 Resp: 42852
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 31.9 26.9 40.3

