

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007735.D
 Acq On : 19 Sep 2019 11:33
 Operator : HP/JU
 Sample : K4896-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20190912

Quant Time: Sep 19 15:16:12 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

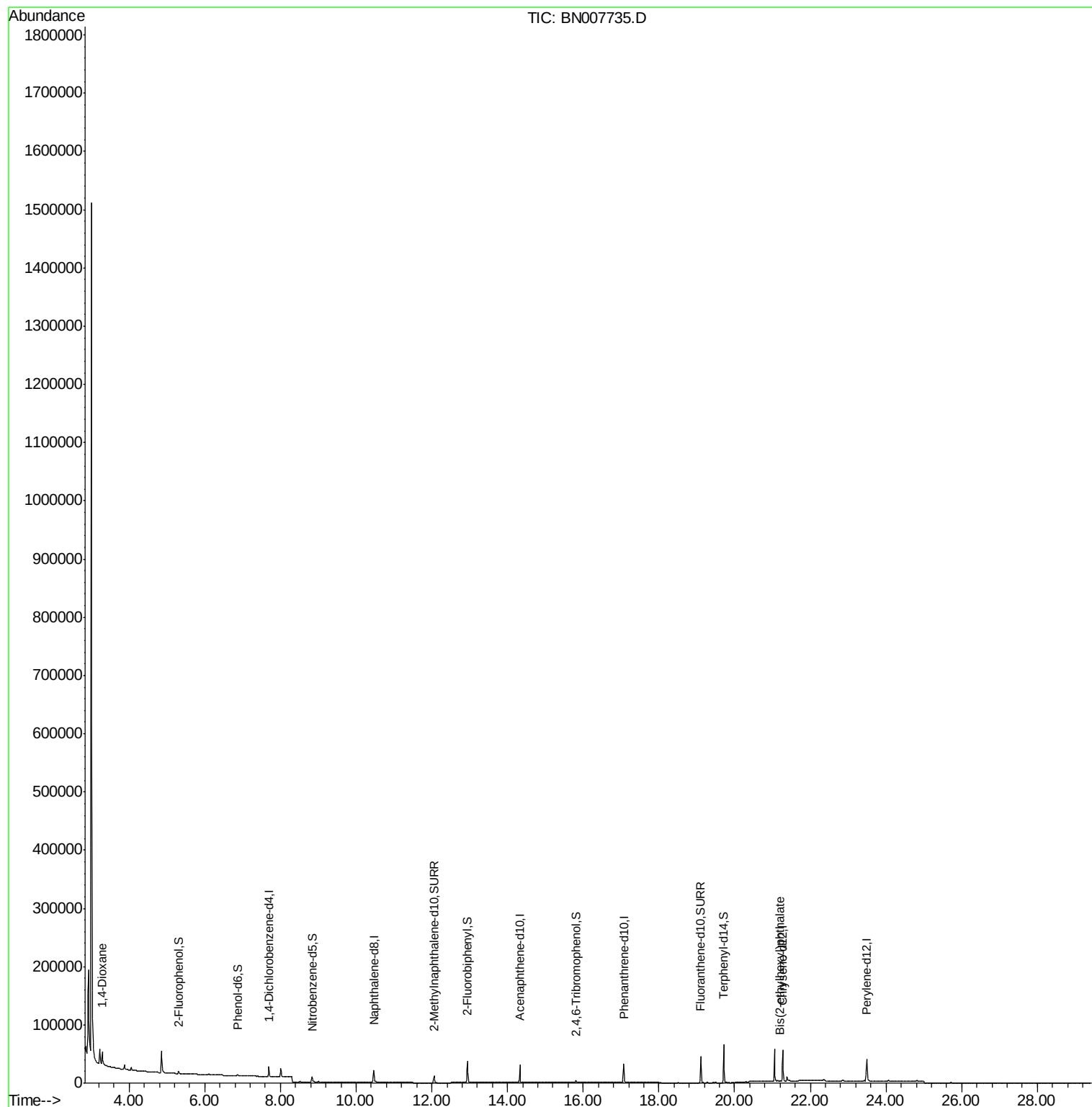
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	7935	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	30630	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	18476	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	43456	0.40	ng	0.00
27) Chrysene-d12	21.27	240	46435	0.40	ng	0.00
34) Perylene-d12	23.49	264	51038	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2951	0.11	ng	0.00
5) Phenol-d6	6.86	99	2211	0.06	ng	0.00
8) Nitrobenzene-d5	8.83	82	8804	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	18486	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2508	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	33336	0.44	ng	0.00
25) Fluoranthene-d10	19.11	212	53927	0.37	ng	0.00
29) Terphenyl-d14	19.71	244	64967	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	16513	1.867	ng	Qvalue # 92
32) Bis(2-ethylhexyl)phthalate	21.21	149	1839	0.021	ng	97

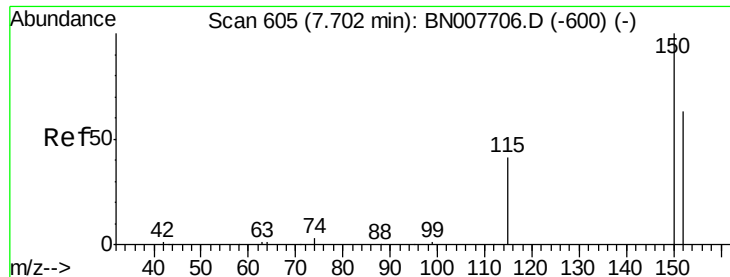
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN007735.D

Acq: 19 Sep 2019 11:33

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912

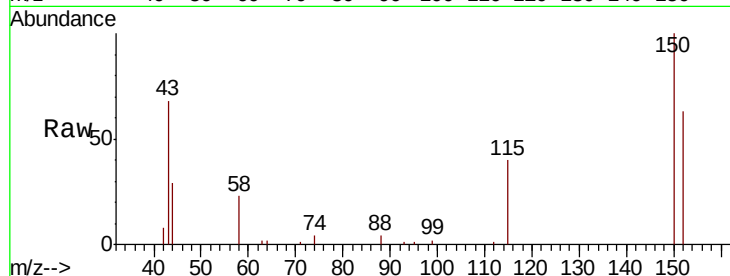
Tot Ion:152 Resp: 7935

Ion Ratio Lower Upper

152 100

150 157.7 125.6 188.4

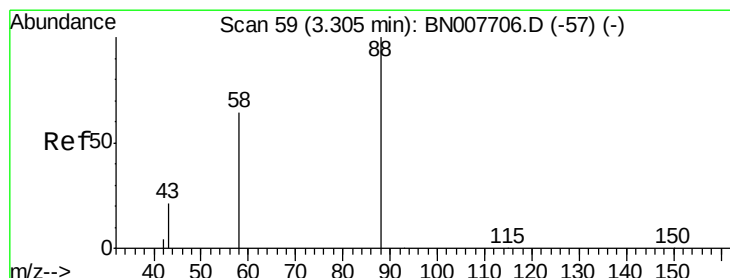
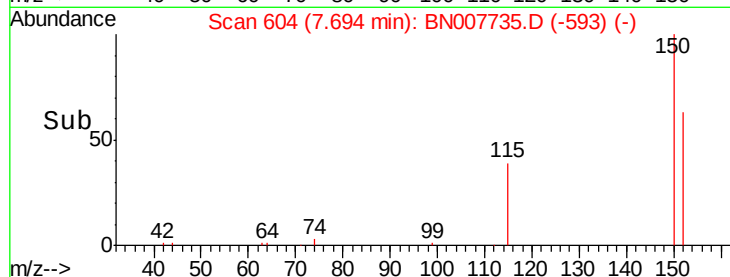
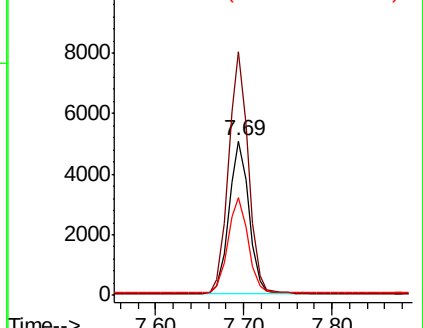
115 63.1 53.3 79.9



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: 1.867 ng

RT: 3.29 min Scan# 57

Delta R.T. -0.02 min

Lab File: BN007735.D

Acq: 19 Sep 2019 11:33

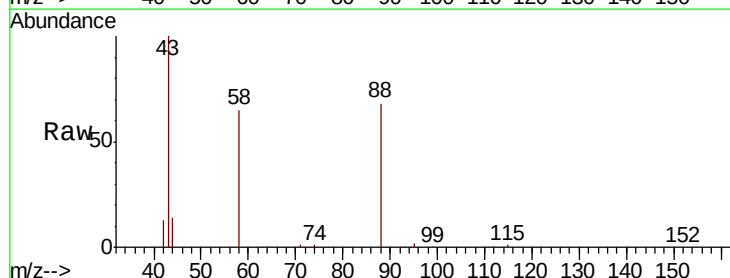
Tgt Ion: 88 Resp: 16513

Ion Ratio Lower Upper

88 100

58 58.7 44.6 66.8

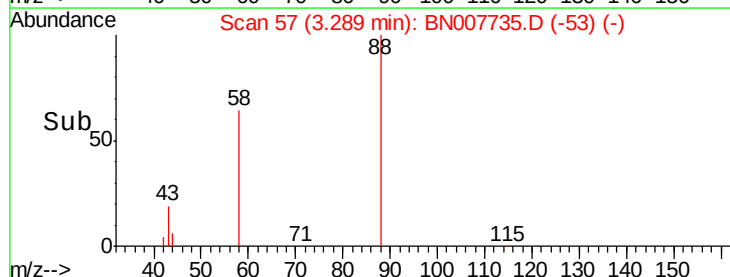
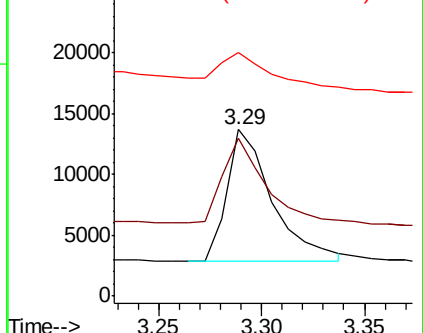
43 27.6 14.4 21.6#

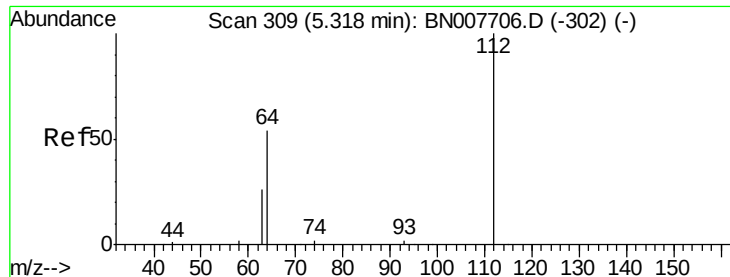


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.108 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007735.D

Acq: 19 Sep 2019 11:33

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912

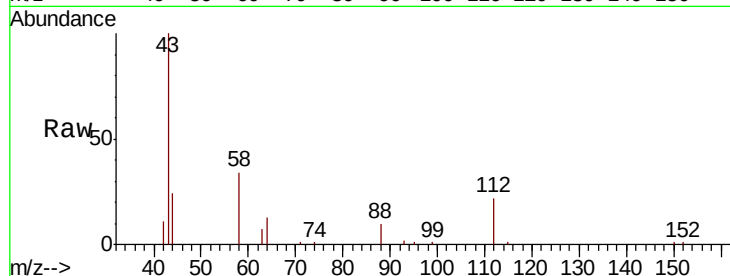
Tot Ion: 112 Resp: 2951

Ion Ratio Lower Upper

112 100

64 60.3 46.6 70.0

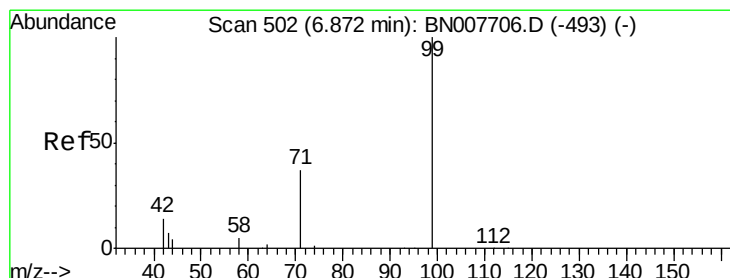
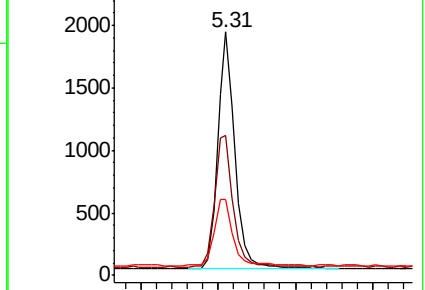
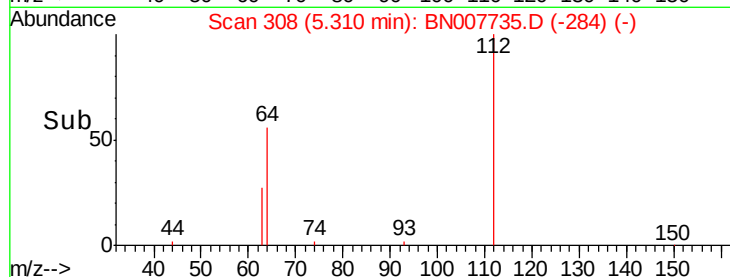
63 30.8 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.060 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007735.D

Acq: 19 Sep 2019 11:33

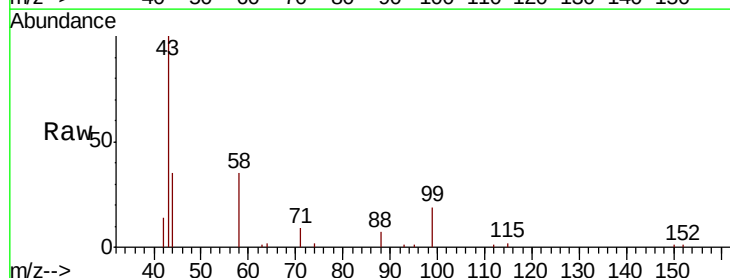
Tgt Ion: 99 Resp: 2211

Ion Ratio Lower Upper

99 100

42 13.9 12.8 19.2

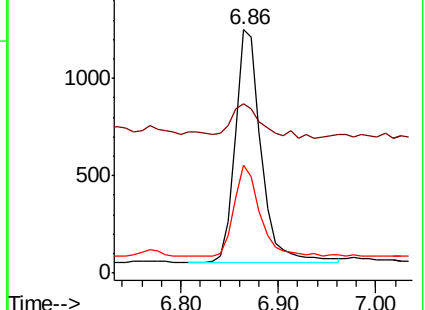
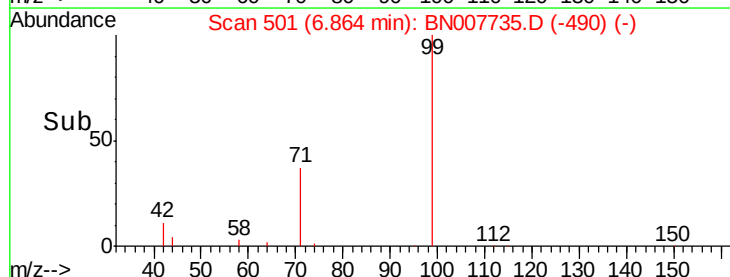
71 38.4 27.6 41.4

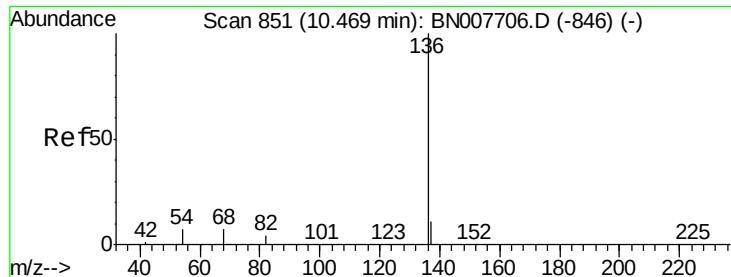


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007735.D

Acq: 19 Sep 2019 11:33

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912

Tot Ion:136 Resp: 30630

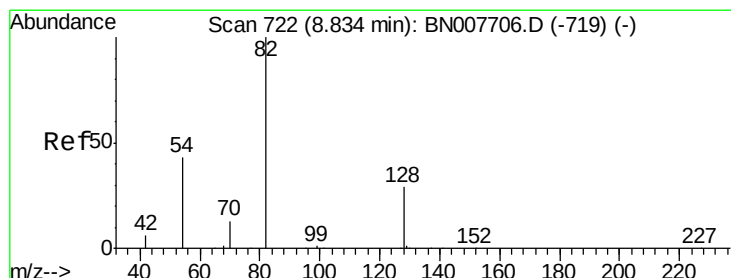
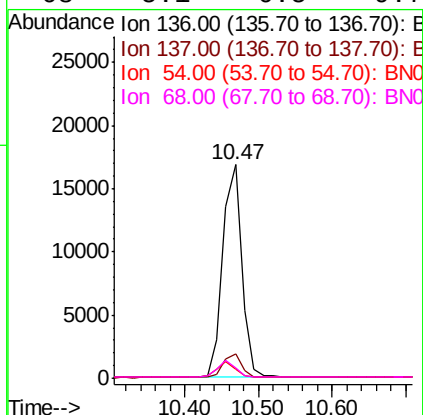
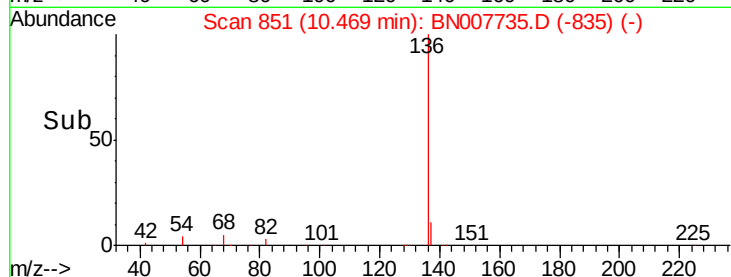
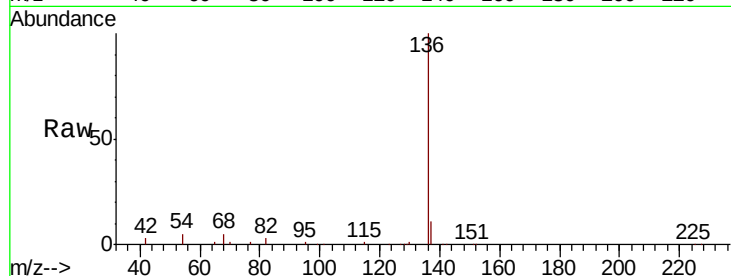
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 4.5 5.8 8.8#

68 5.1 6.5 9.7#



#8

Nitrobenzene-d5

Concen: 0.329 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007735.D

Acq: 19 Sep 2019 11:33

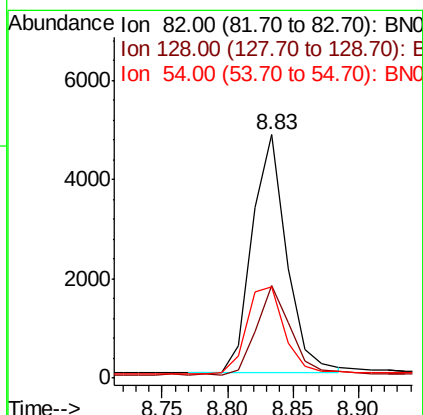
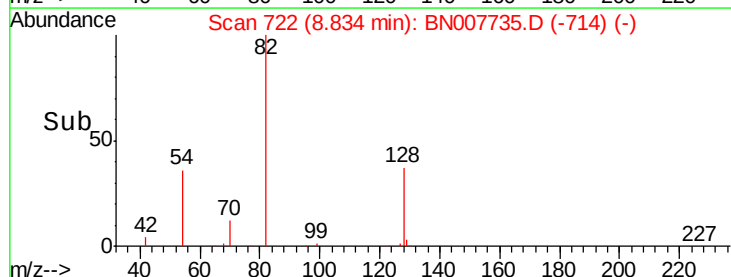
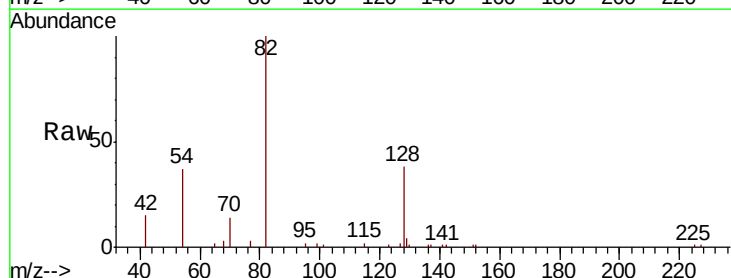
Tgt Ion: 82 Resp: 8804

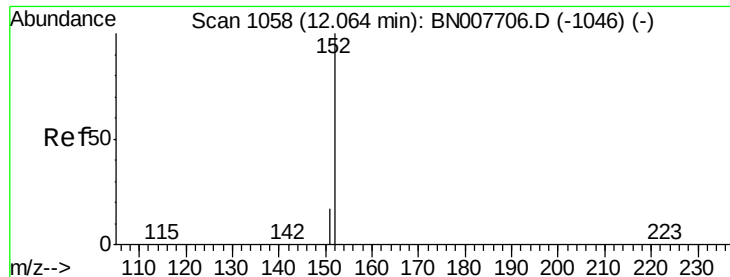
Ion Ratio Lower Upper

82 100

128 37.9 24.5 36.7#

54 37.4 35.2 52.8

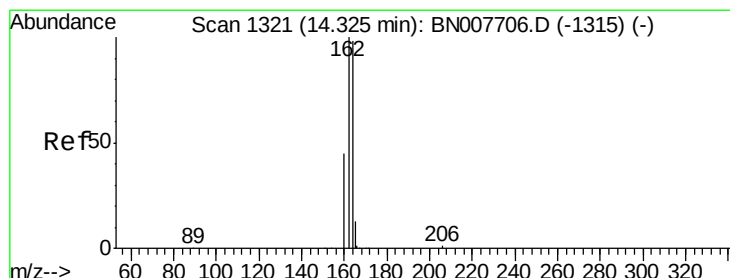
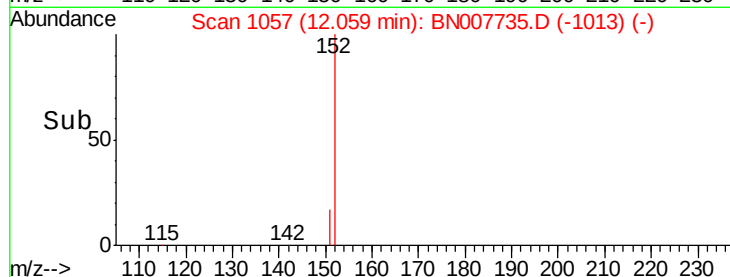
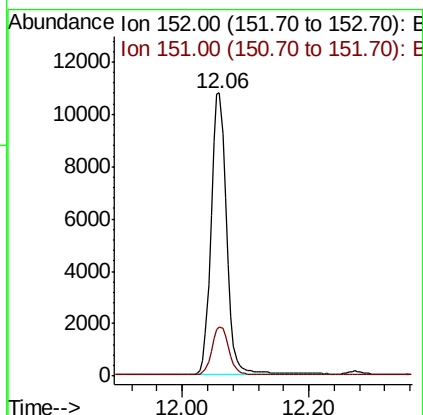
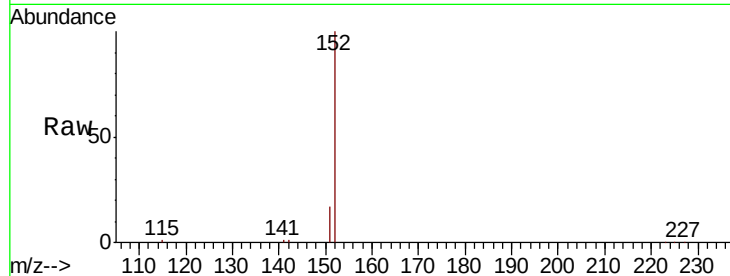




#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.06 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BN007735.D
Acq: 19 Sep 2019 11:33

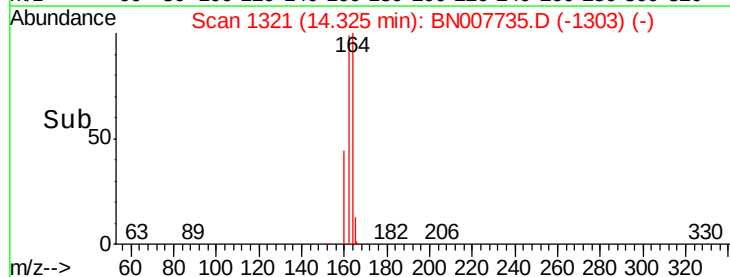
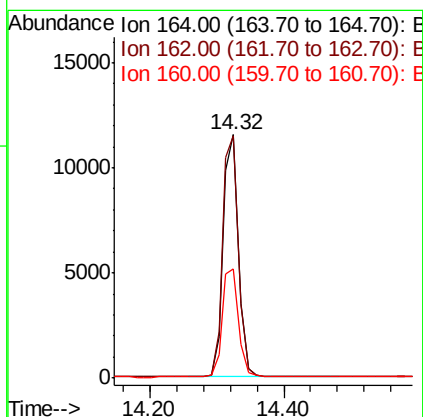
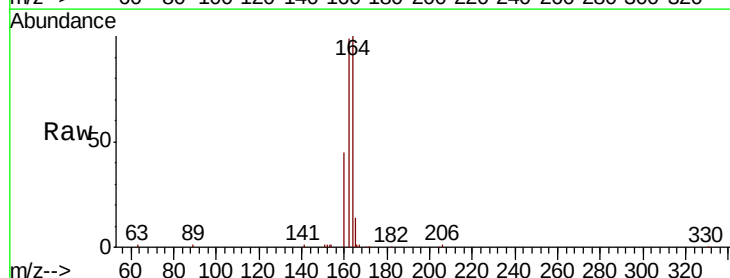
Instrument :
BNA_N
ClientSampleId :
RE123D1-20190912

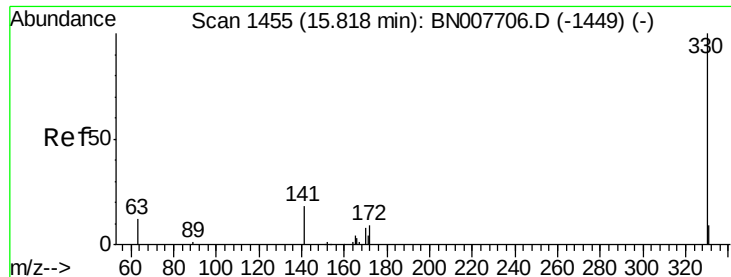
Tot Ion:152 Resp: 18486
Ion Ratio Lower Upper
152 100
151 18.7 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BN007735.D
Acq: 19 Sep 2019 11:33

Tgt Ion:164 Resp: 18476
Ion Ratio Lower Upper
164 100
162 99.5 81.7 122.5
160 44.7 37.0 55.4

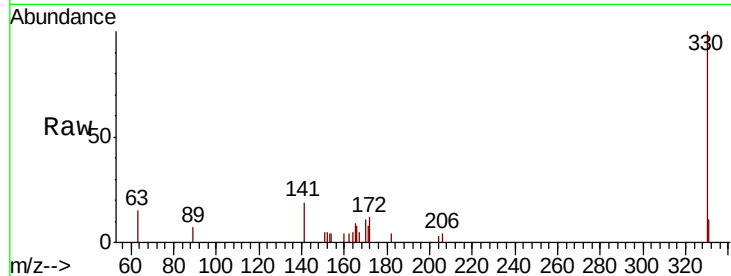




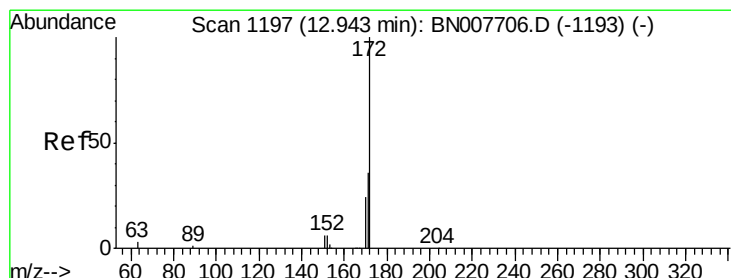
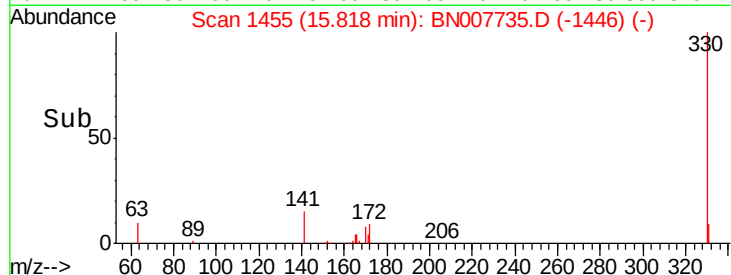
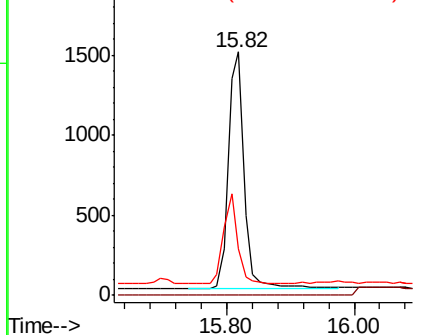
#14
 2,4,6-Tribromophenol
 Concen: 0.249 ng
 RT: 15.82 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BN007735.D
 Acq: 19 Sep 2019 11:33

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20190912

Tot Ion:330 Resp: 2508
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.3 28.7 43.1

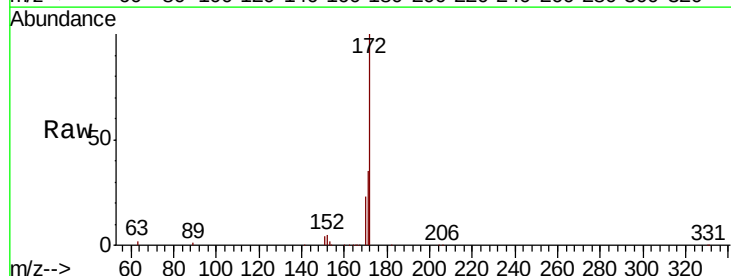


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

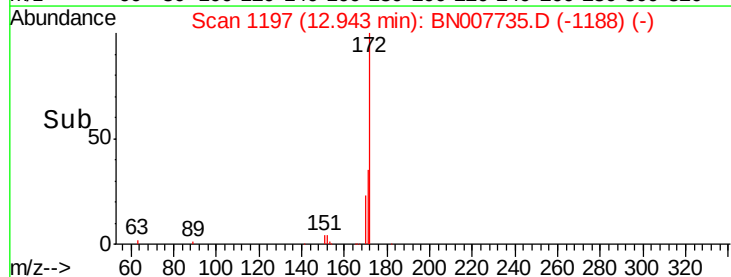
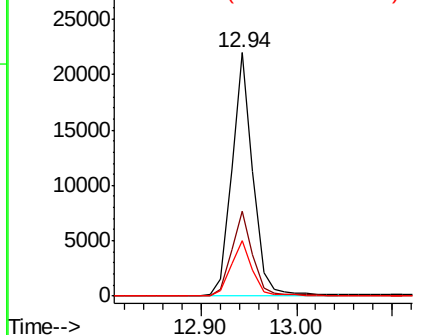


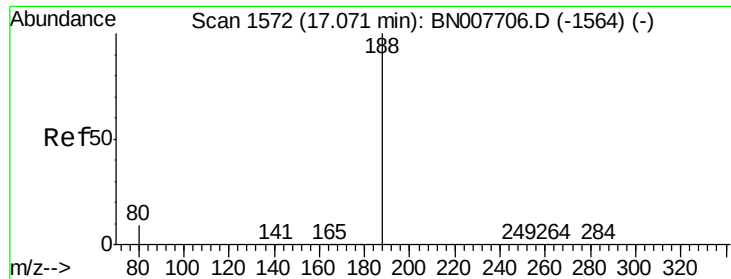
#15
 2-Fluorobiphenyl
 Concen: 0.438 ng
 RT: 12.94 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BN007735.D
 Acq: 19 Sep 2019 11:33

Tgt Ion:172 Resp: 33336
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.8 43.2
 170 22.7 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BN007735.D

Acq: 19 Sep 2019 11:33

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912

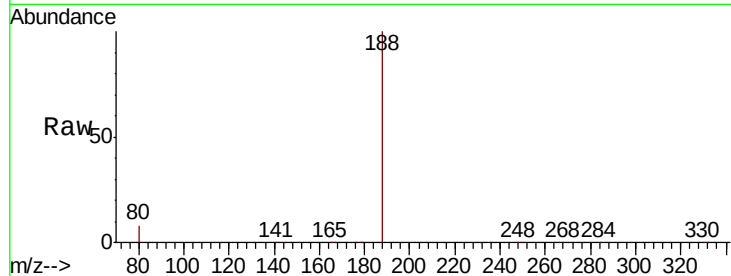
Tot Ion:188 Resp: 43456

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

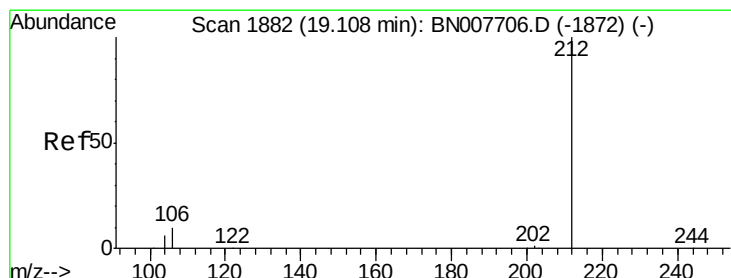
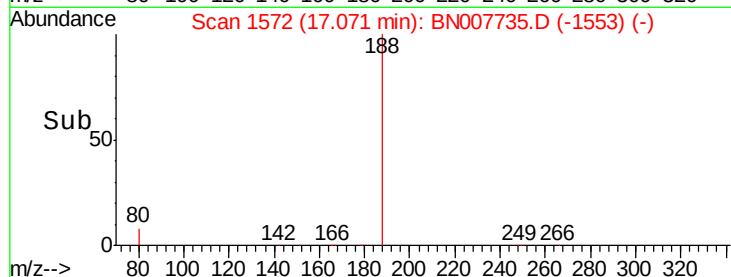
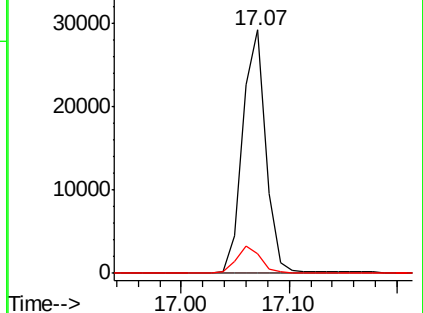
80 8.1 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.11 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BN007735.D

Acq: 19 Sep 2019 11:33

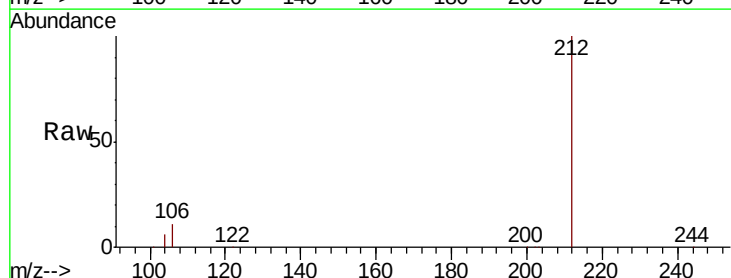
Tgt Ion:212 Resp: 53927

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

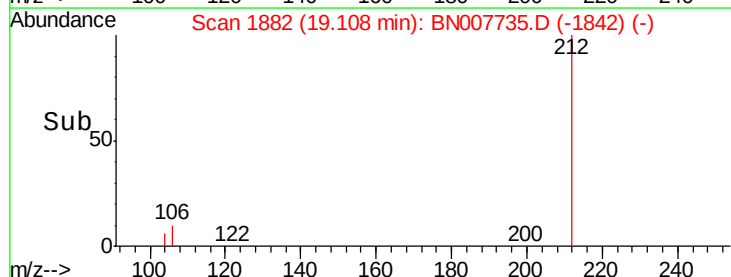
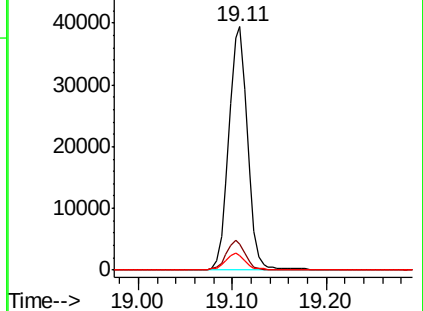
104 6.7 5.3 7.9

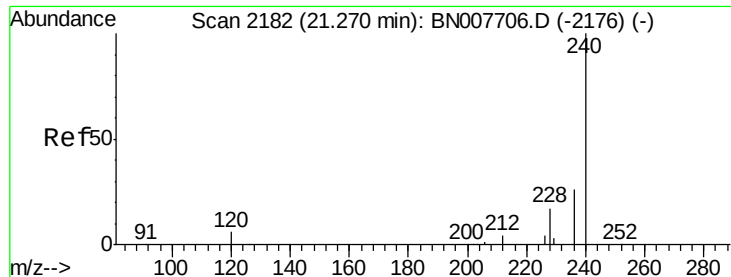


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.27 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN007735.D

Acq: 19 Sep 2019 11:33

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912

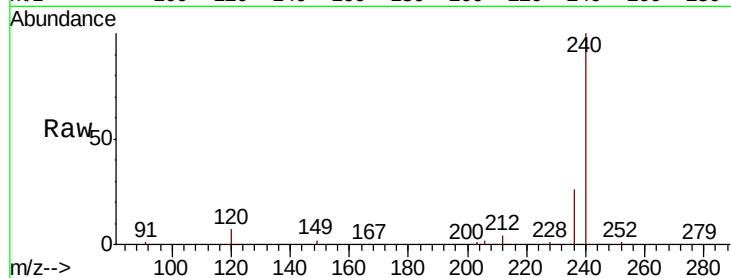
Tot Ion:240 Resp: 46435

Ion Ratio Lower Upper

240 100

120 7.1 5.4 8.2

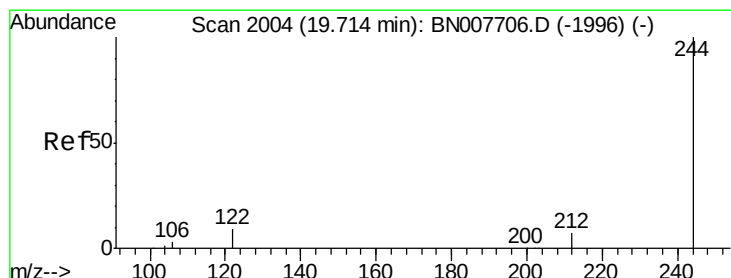
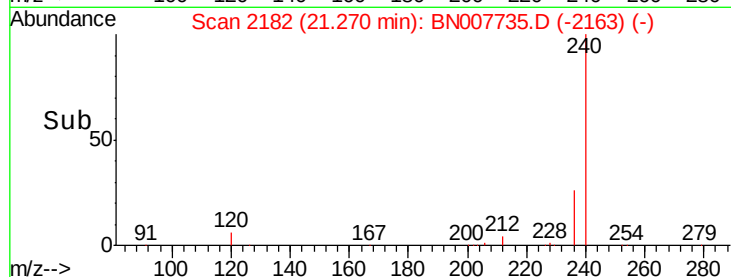
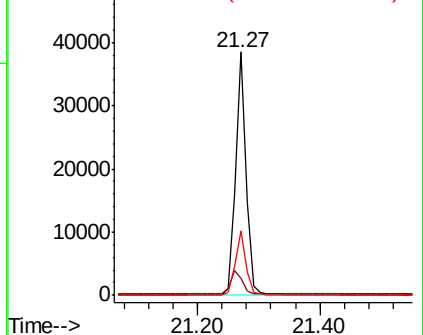
236 26.3 21.0 31.4



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: 0.570 ng

RT: 19.71 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BN007735.D

Acq: 19 Sep 2019 11:33

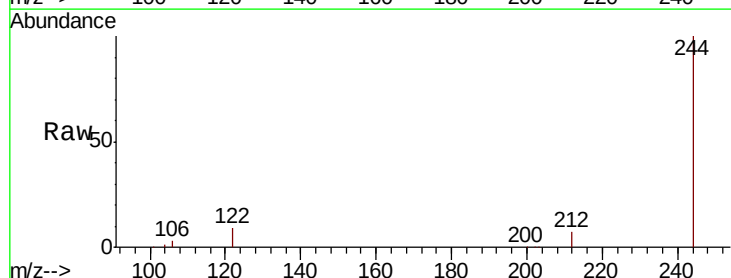
Tgt Ion:244 Resp: 64967

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

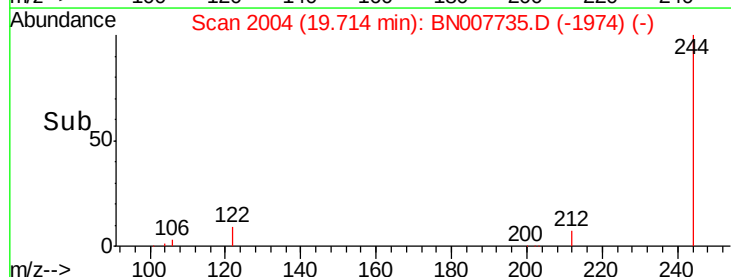
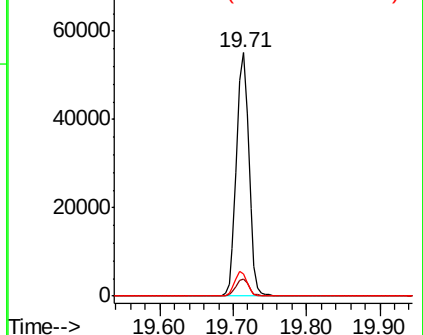
122 9.2 7.4 11.2

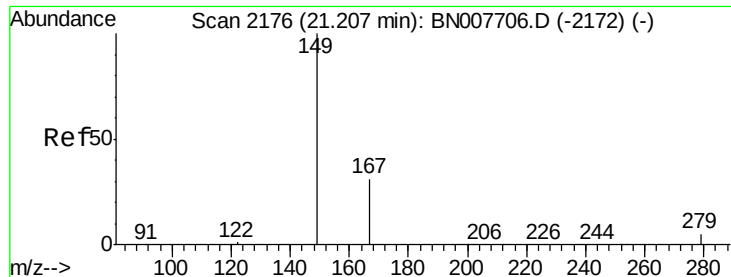


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

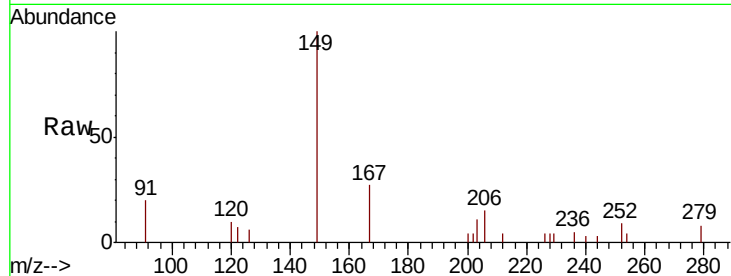




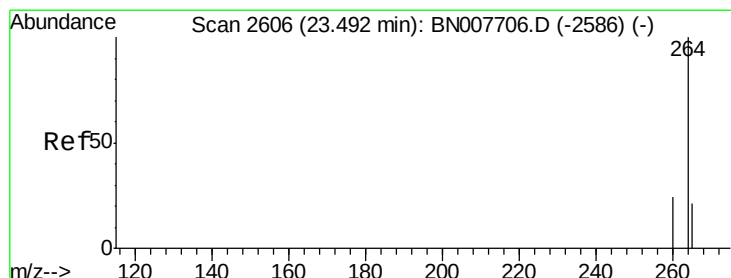
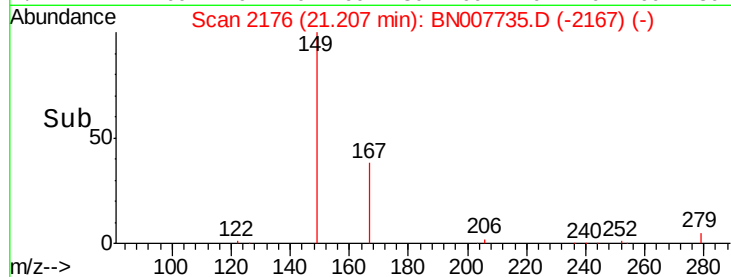
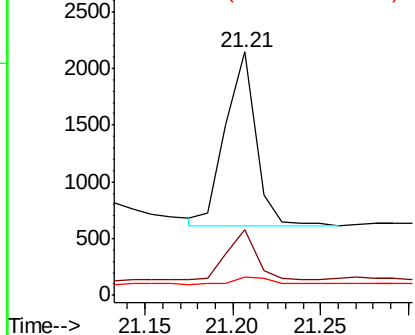
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.021 ng
 RT: 21.21 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: BN007735.D
 Acq: 19 Sep 2019 11:33

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20190912

Tot Ion:149 Resp: 1839
 Ion Ratio Lower Upper
 149 100
 167 27.8 23.7 35.5
 279 5.7 4.2 6.2

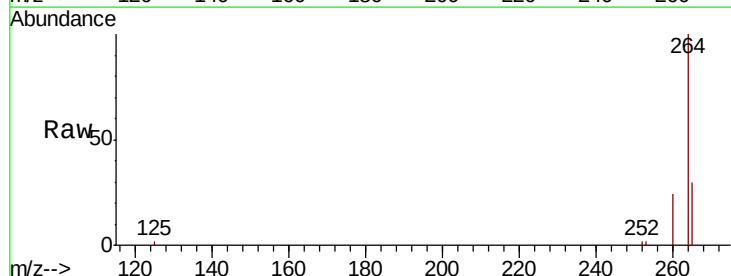


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.49 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BN007735.D
 Acq: 19 Sep 2019 11:33

Tgt Ion:264 Resp: 51038
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 30.0 26.9 40.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

