

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007716.D
 Acq On : 18 Sep 2019 21:29
 Operator : HP/JU
 Sample : K4883-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP-20190911

Quant Time: Sep 19 14:51:19 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

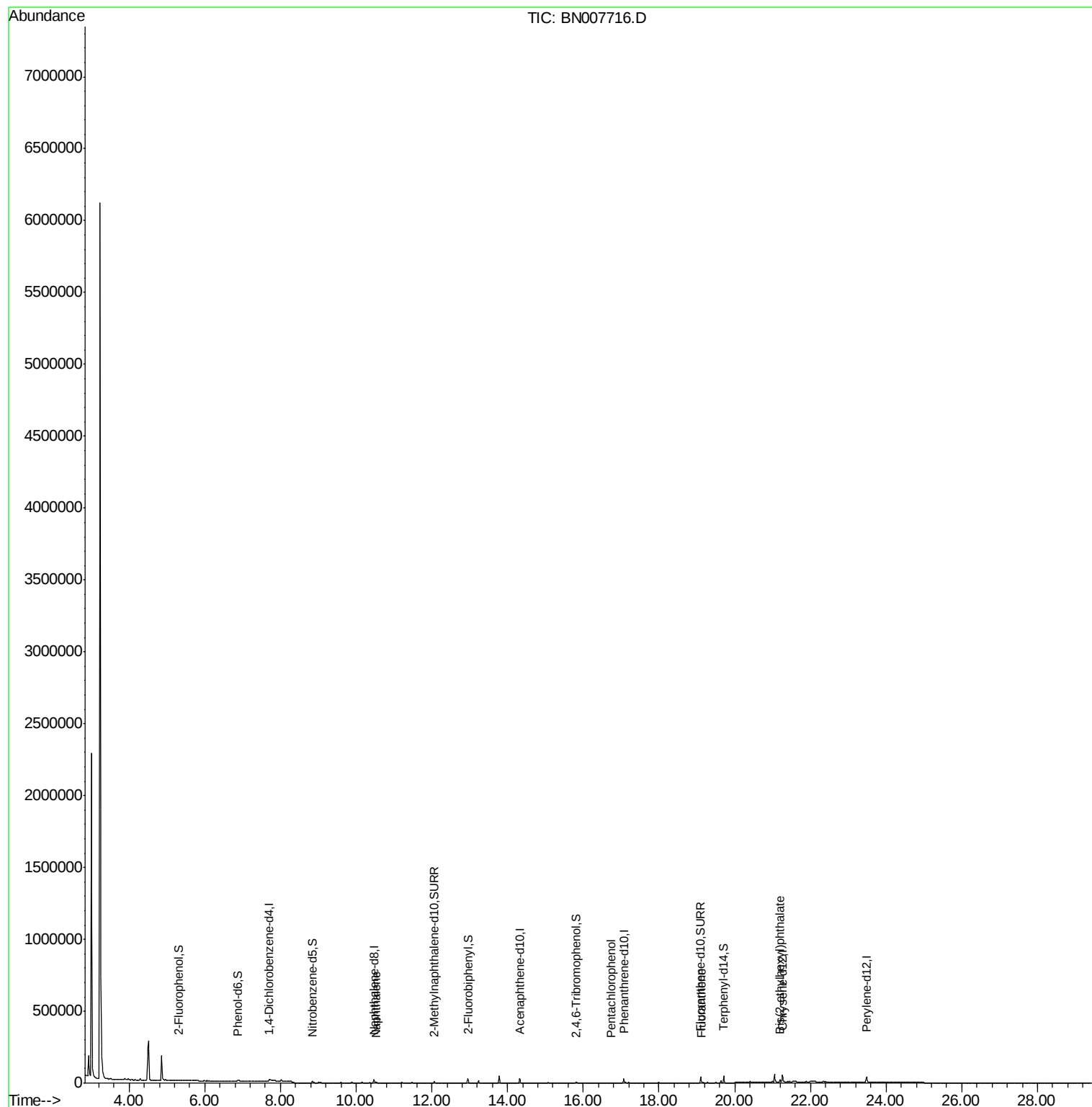
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6591	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	27225	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	18369	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	39538	0.40	ng	0.00
27) Chrysene-d12	21.26	240	44232	0.40	ng	0.00
34) Perylene-d12	23.48	264	48997	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	3322	0.15	ng	0.00
5) Phenol-d6	6.87	99	2671	0.09	ng	0.00
8) Nitrobenzene-d5	8.83	82	7896	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	16620	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	2770	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	25170	0.33	ng	0.00
25) Fluoranthene-d10	19.10	212	49922	0.37	ng	0.00
29) Terphenyl-d14	19.71	244	50015	0.46	ng	0.00
Target Compounds						
9) Naphthalene	10.52	128	4445	0.058	ng	Qvalue # 91
22) Pentachlorophenol	16.73	266	369	0.038	ng	98
26) Fluoranthene	19.13	202	3760	0.025	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	16788	0.200	ng	98

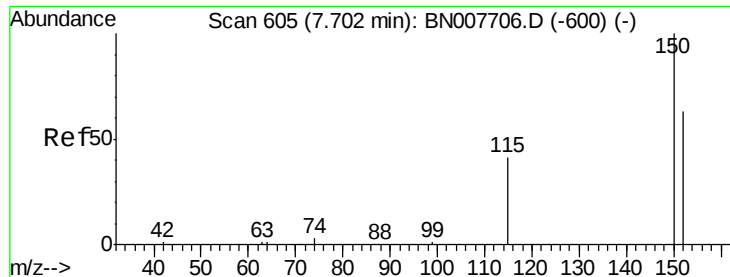
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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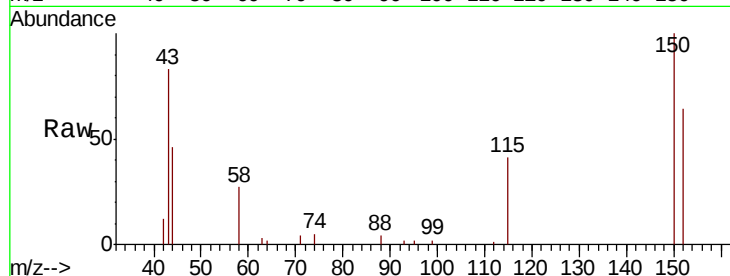


#1

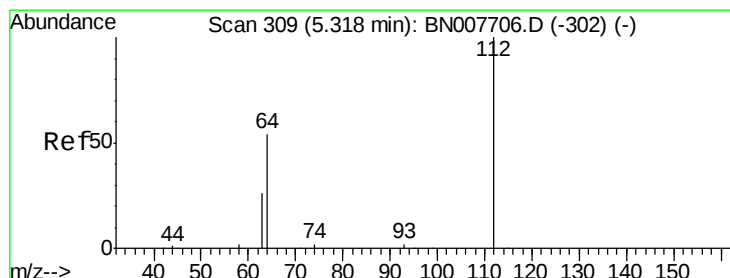
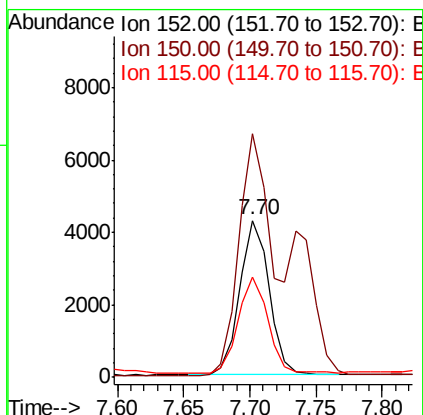
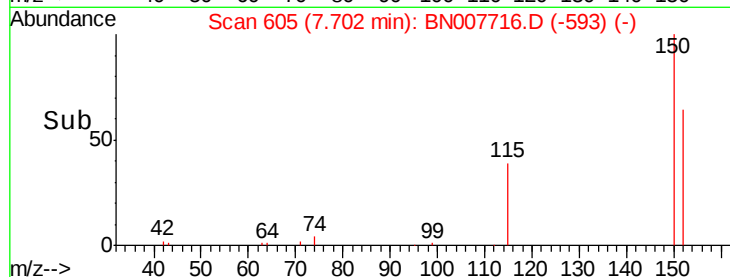
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007716.D
Acq: 18 Sep 2019 21:29

Instrument :
BNA_N
ClientSampleId :
DUP-20190911

Tot Ion:152 Resp: 6591
Ion Ratio Lower Upper
152 100
150 155.4 125.6 188.4
115 64.2 53.3 79.9



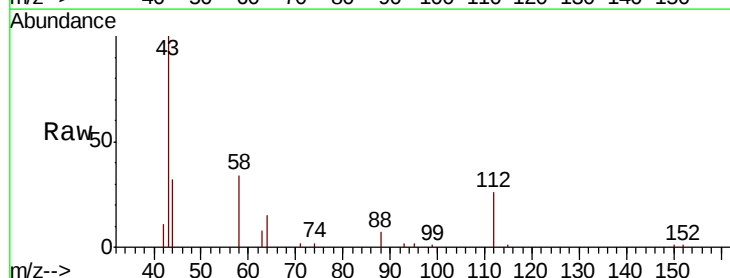
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



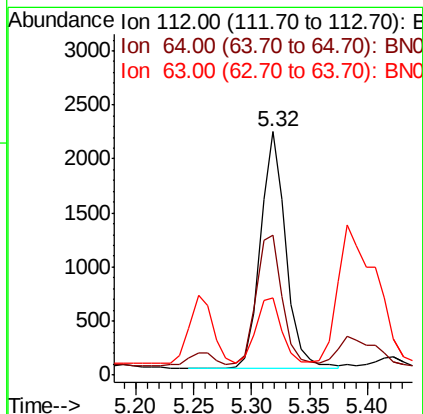
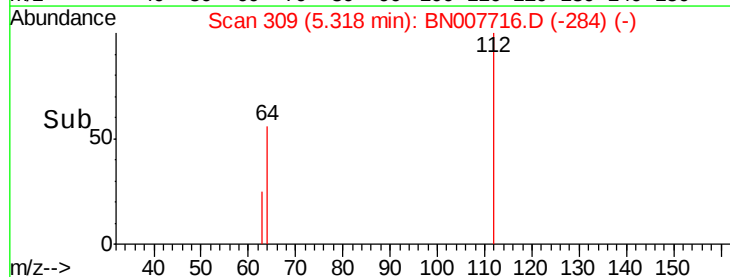
#4

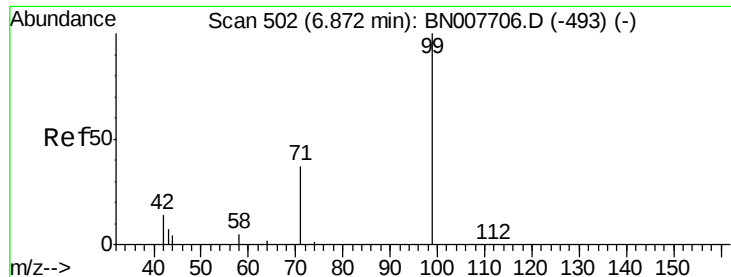
2-Fluorophenol
Concen: 0.146 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN007716.D
Acq: 18 Sep 2019 21:29

Tgt Ion:112 Resp: 3322
Ion Ratio Lower Upper
112 100
64 57.6 46.6 70.0
63 29.2 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.090 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007716.D

Acq: 18 Sep 2019 21:29

Instrument :

BNA_N

ClientSampleId :

DUP-20190911

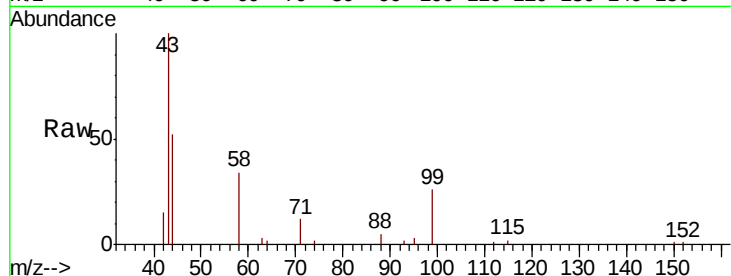
Tot Ion: 99 Resp: 2671

Ion Ratio Lower Upper

99 100

42 34.3 12.8 19.2#

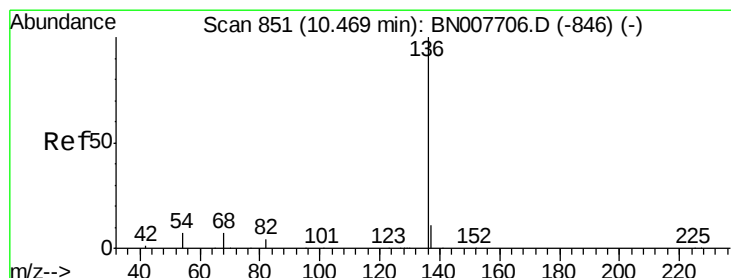
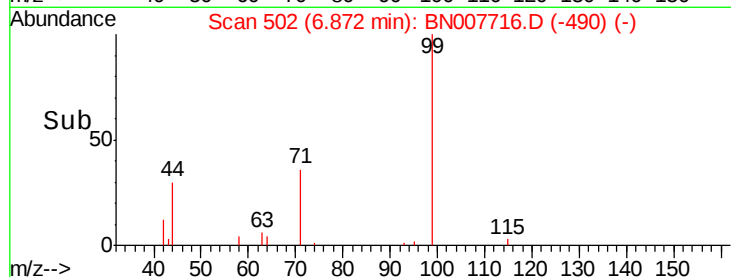
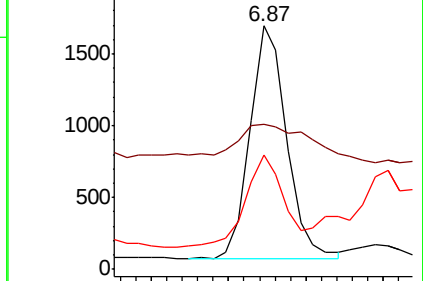
71 41.0 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007716.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN007716.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN007716.D (-490) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007716.D

Acq: 18 Sep 2019 21:29

Tgt Ion: 136 Resp: 27225

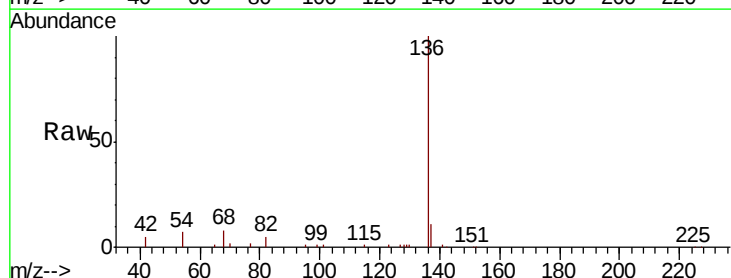
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.1 5.8 8.8

68 7.9 6.5 9.7

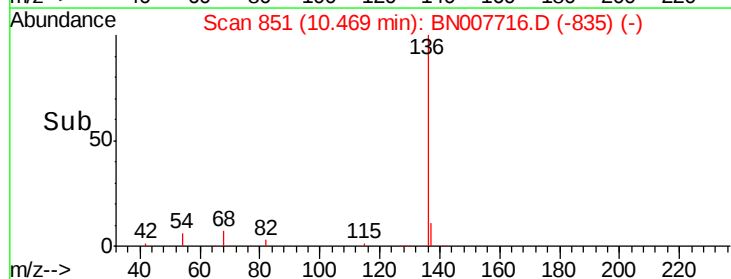
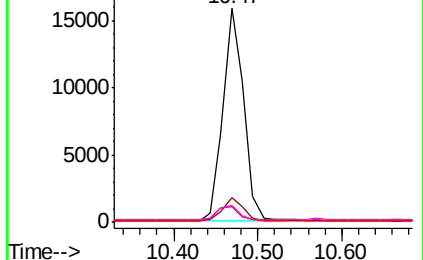


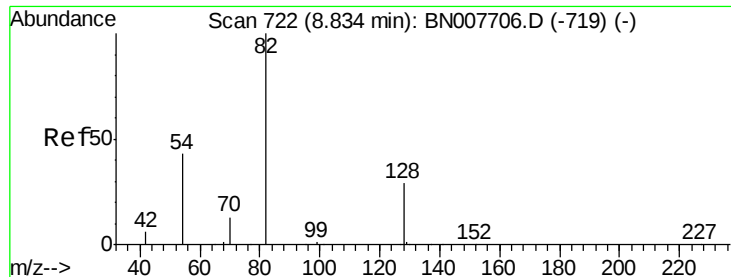
Abundance Ion 136.00 (135.70 to 136.70): BN007716.D (-835) (-)

Ion 137.00 (136.70 to 137.70): BN007716.D (-835) (-)

Ion 54.00 (53.70 to 54.70): BN007716.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN007716.D (-835) (-)





#8

Nitrobenzene-d5

Concen: 0.332 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007716.D

Acq: 18 Sep 2019 21:29

Instrument :

BNA_N

ClientSampleId :

DUP-20190911

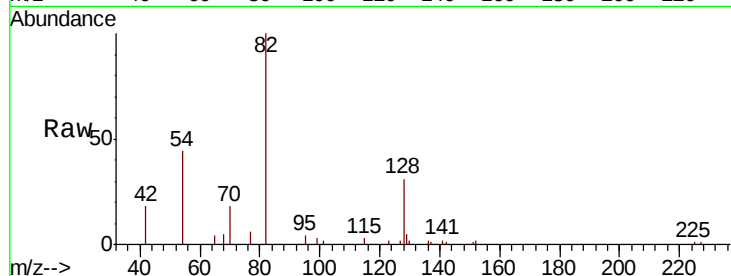
Tot Ion: 82 Resp: 7896

Ion Ratio Lower Upper

82 100

128 30.9 24.5 36.7

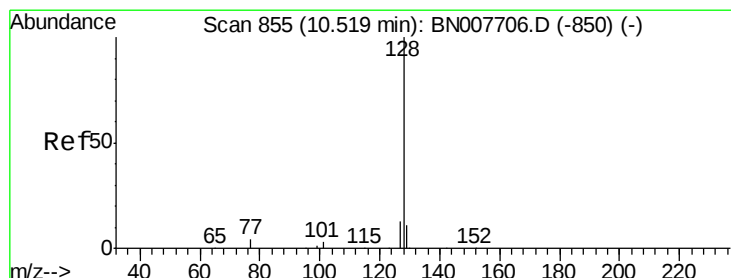
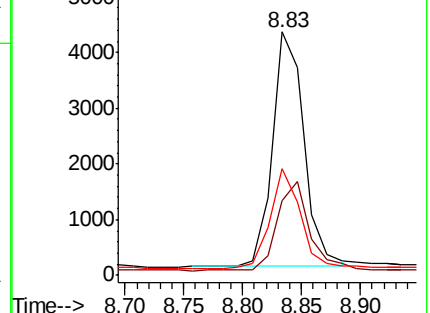
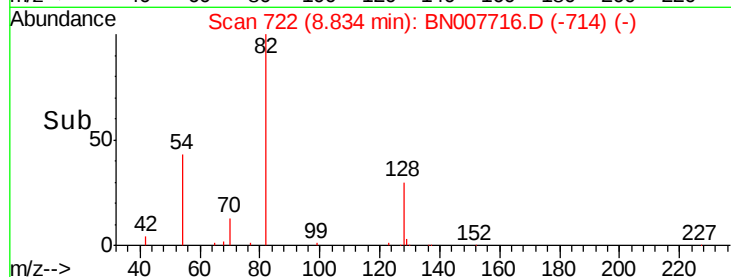
54 43.9 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007716.D (-847) (-)

Ion 128.00 (127.70 to 128.70): BN007716.D (-847) (-)

Ion 54.00 (53.70 to 54.70): BN007716.D (-847) (-)



#9

Naphthalene

Concen: 0.058 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007716.D

Acq: 18 Sep 2019 21:29

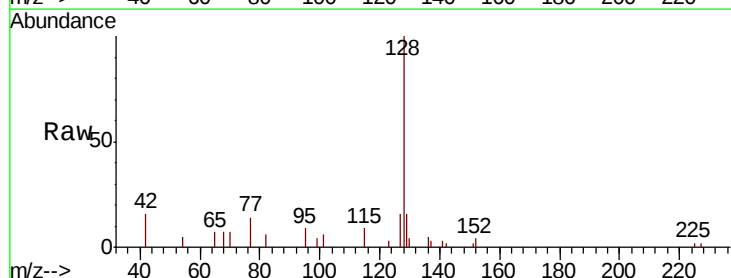
Tgt Ion: 128 Resp: 4445

Ion Ratio Lower Upper

128 100

129 15.7 9.1 13.7#

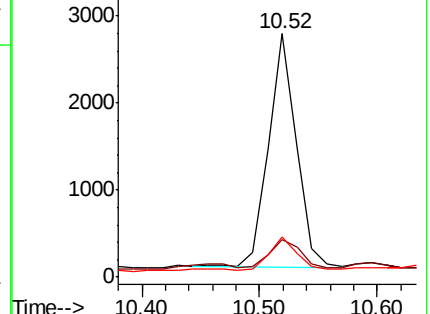
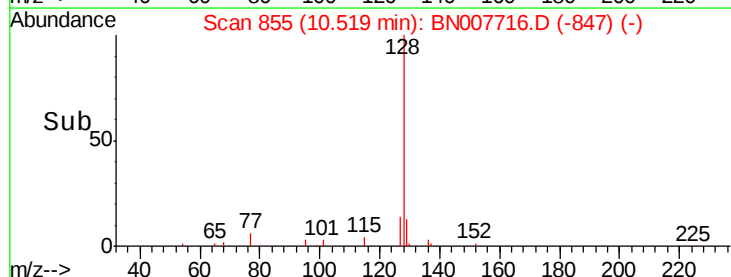
127 16.2 10.6 15.8#

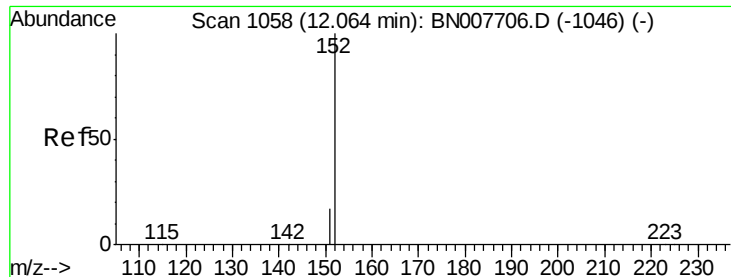


Abundance Ion 128.00 (127.70 to 128.70): BN007716.D (-847) (-)

Ion 129.00 (128.70 to 129.70): BN007716.D (-847) (-)

Ion 127.00 (126.70 to 127.70): BN007716.D (-847) (-)

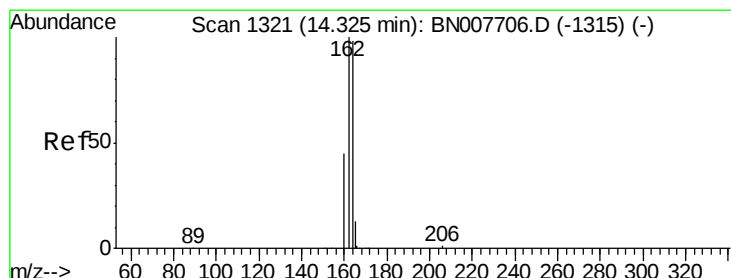
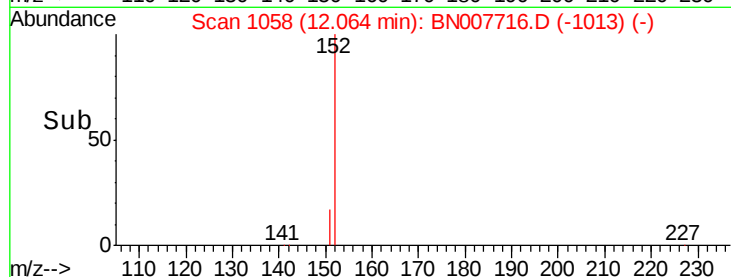
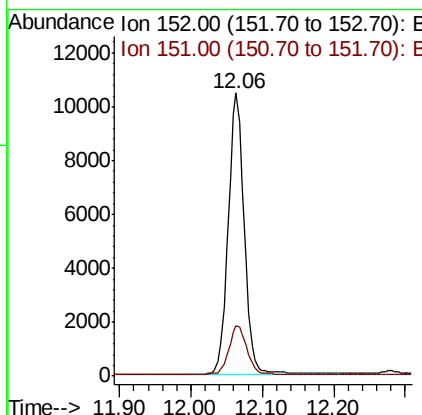
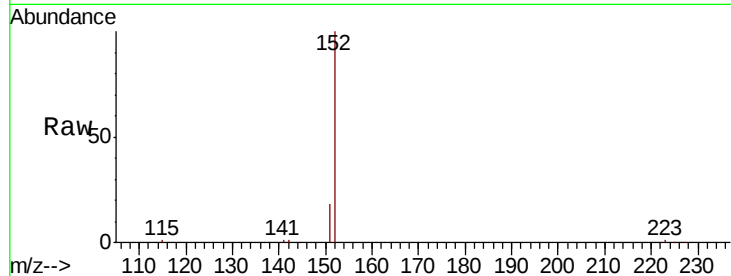




#11
 2-Methylnaphthalene-d10
 Concen: 0.362 ng
 RT: 12.06 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BN007716.D
 Acq: 18 Sep 2019 21:29

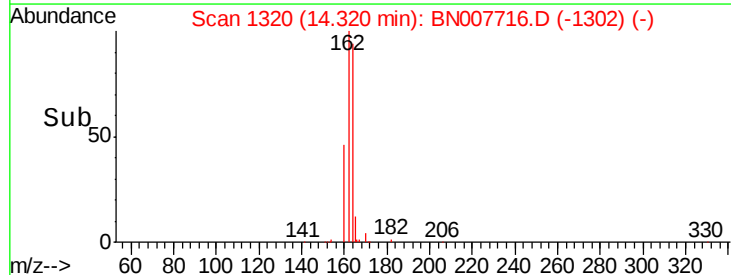
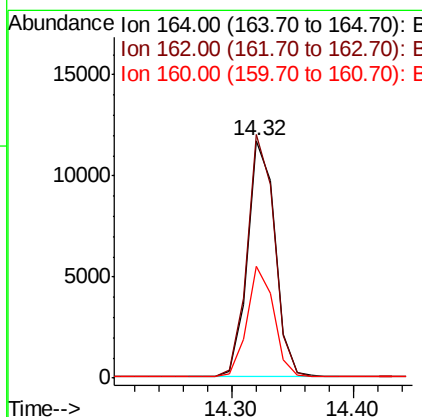
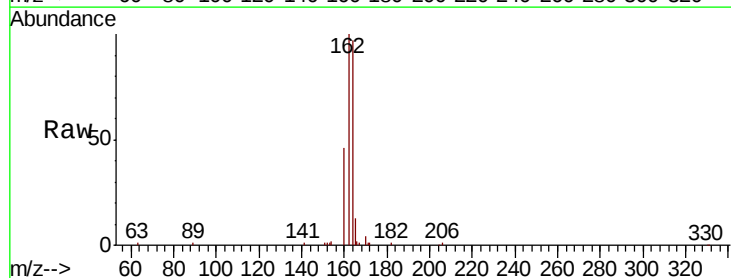
Instrument :
 BNA_N
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 DUP-20190911

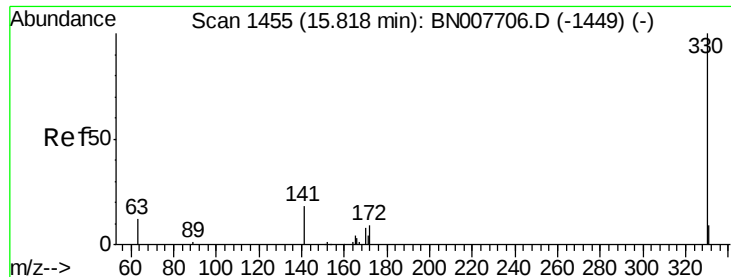
Tot Ion:152 Resp: 16620
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.32 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BN007716.D
 Acq: 18 Sep 2019 21:29

Tgt Ion:164 Resp: 18369
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.7 122.5
 160 47.1 37.0 55.4

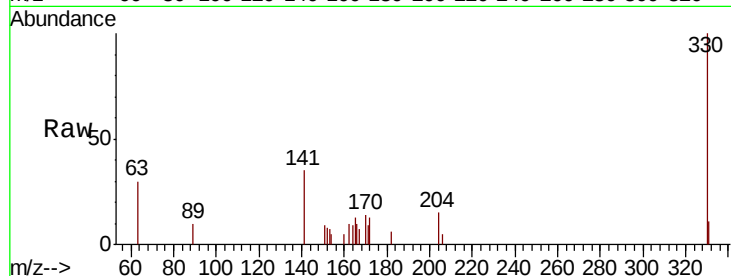




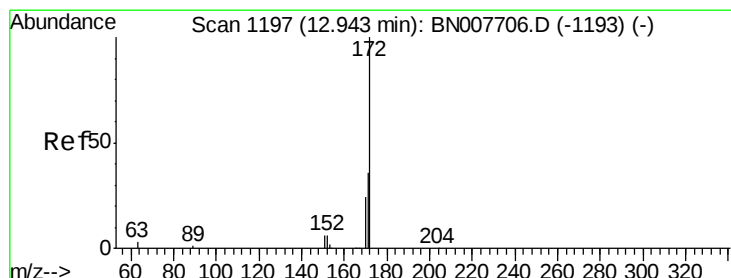
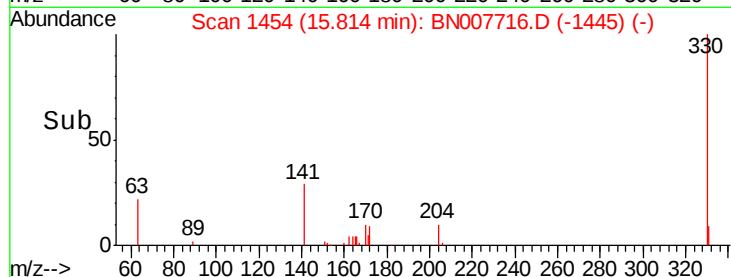
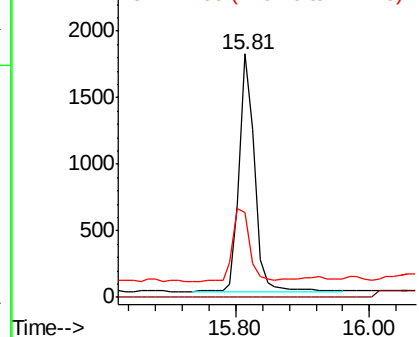
#14
 2,4,6-Tribromophenol
 Concen: 0.277 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BN007716.D
 Acq: 18 Sep 2019 21:29

Instrument :
 BNA_N
 ClientSampleId :
 DUP-20190911

Tot Ion:330 Resp: 2770
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.8 28.7 43.1

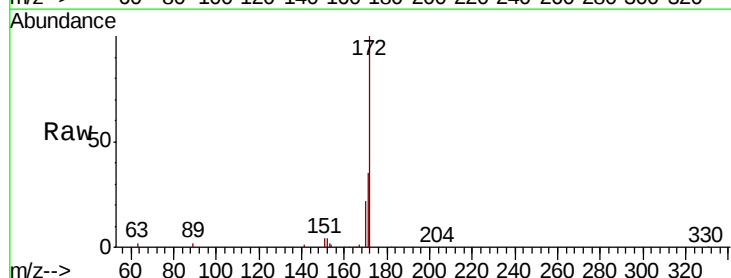


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

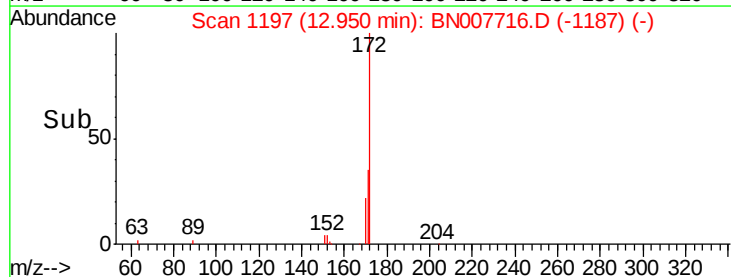
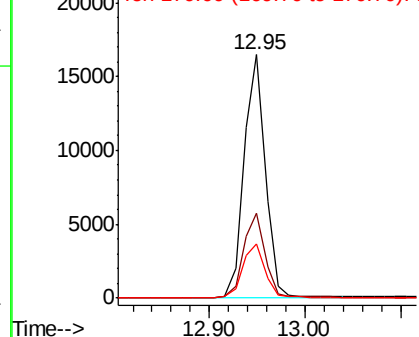


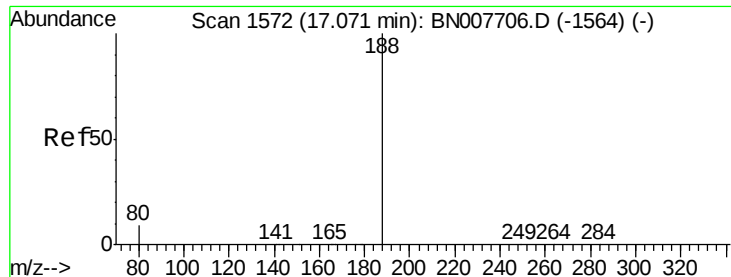
#15
 2-Fluorobiphenyl
 Concen: 0.333 ng
 RT: 12.95 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BN007716.D
 Acq: 18 Sep 2019 21:29

Tgt Ion:172 Resp: 25170
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.8 43.2
 170 22.5 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# 1571

Delta R.T. -0.00 min

Lab File: BN007716.D

Acq: 18 Sep 2019 21:29

Instrument :

BNA_N

ClientSampleId :

DUP-20190911

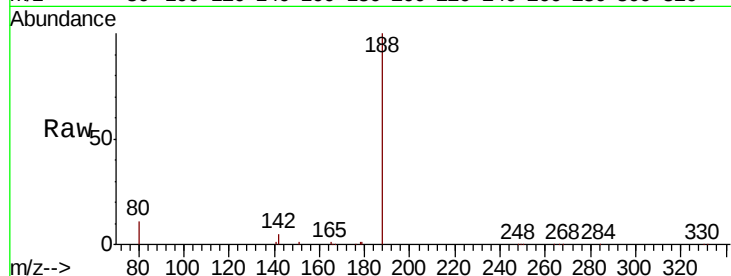
Tot Ion:188 Resp: 39538

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

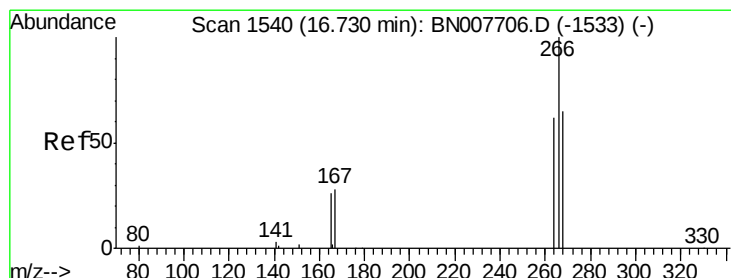
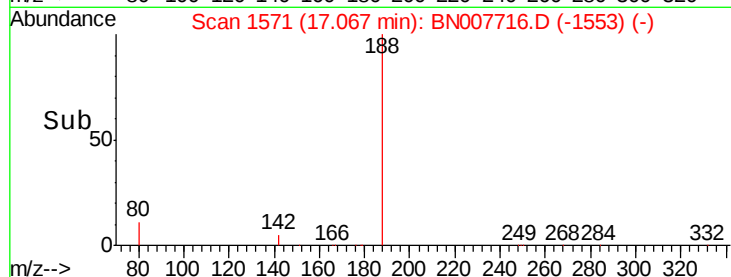
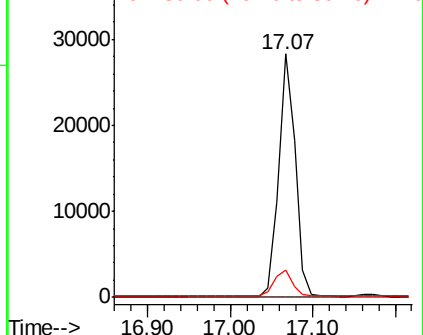
80 11.2 7.4 11.2#



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



#22

Pentachlorophenol

Concen: 0.038 ng

RT: 16.73 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BN007716.D

Acq: 18 Sep 2019 21:29

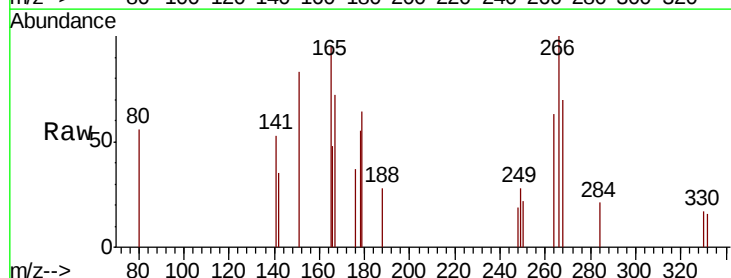
Tgt Ion:266 Resp: 369

Ion Ratio Lower Upper

266 100

264 63.2 50.0 75.0

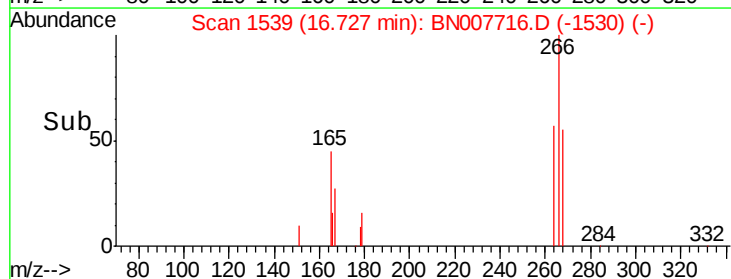
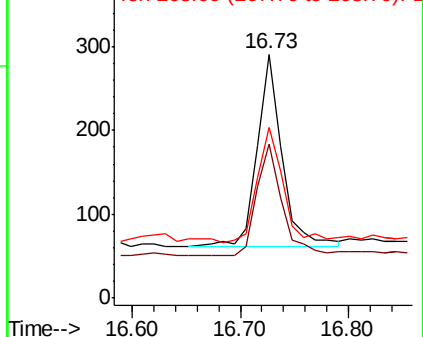
268 69.8 54.2 81.4

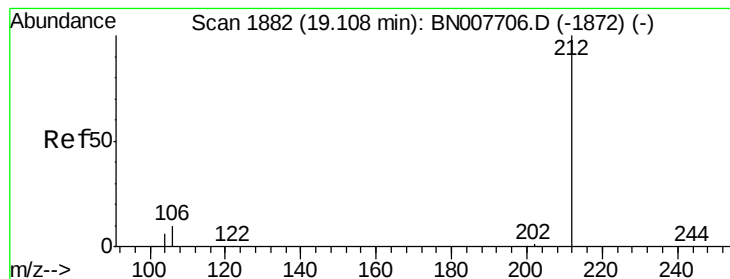


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BN007716.D

Acq: 18 Sep 2019 21:29

Instrument :

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DUP-20190911

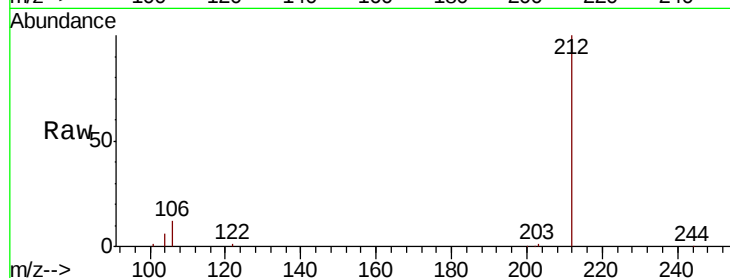
Tot Ion:212 Resp: 49922

Ion Ratio Lower Upper

212 100

106 12.0 9.4 14.0

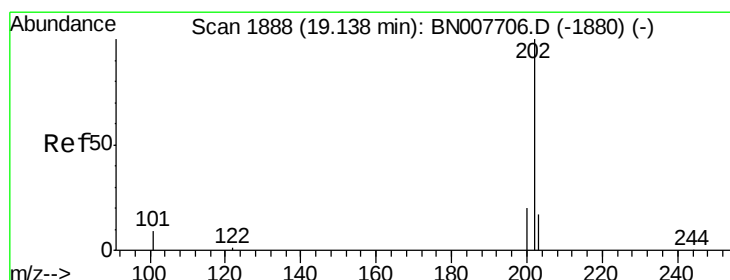
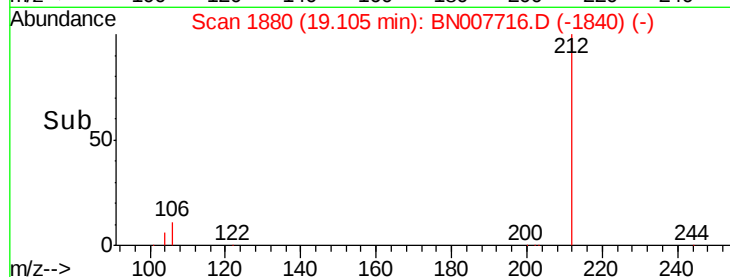
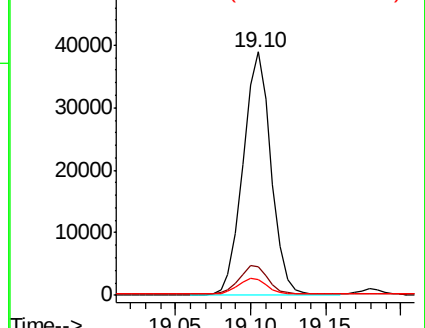
104 6.5 5.3 7.9



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



#26

Fluoranthene

Concen: 0.025 ng

RT: 19.13 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BN007716.D

Acq: 18 Sep 2019 21:29

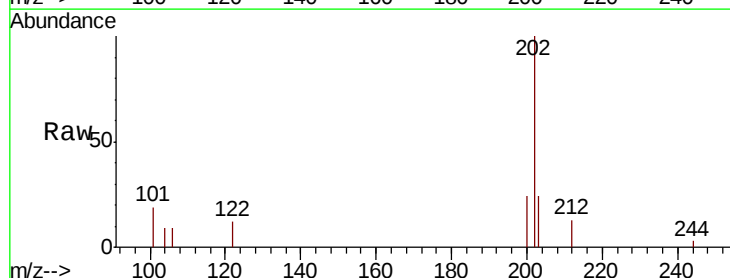
Tgt Ion:202 Resp: 3760

Ion Ratio Lower Upper

202 100

101 11.3 8.4 12.6

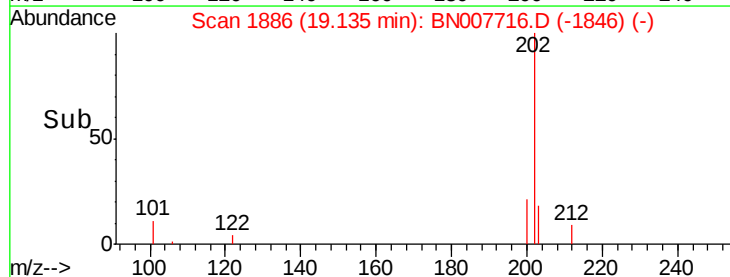
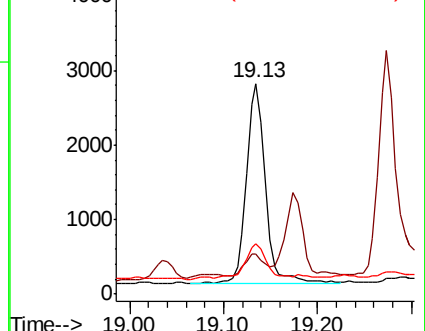
203 17.8 13.8 20.8

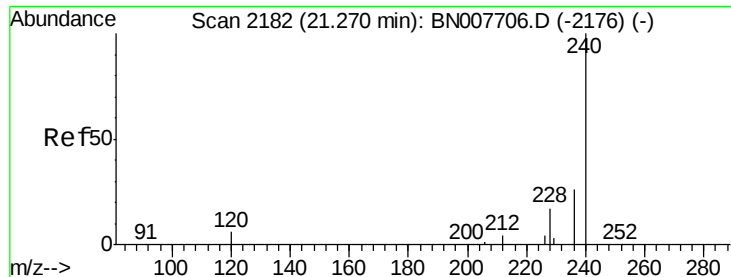


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

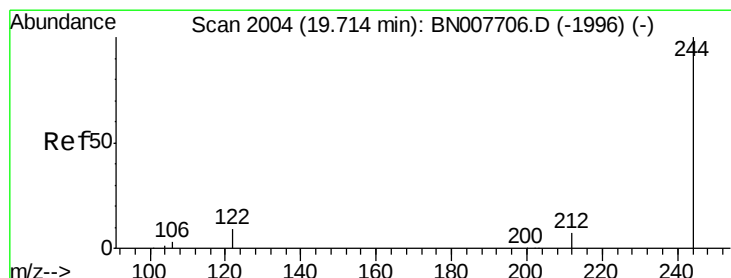
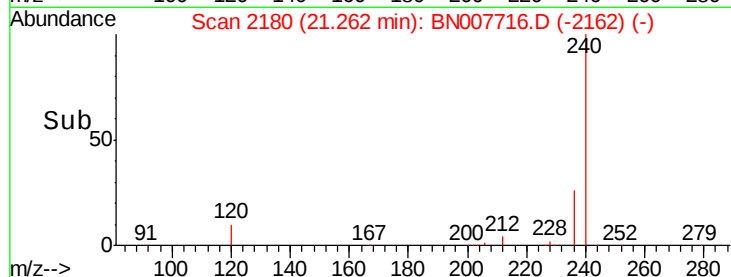
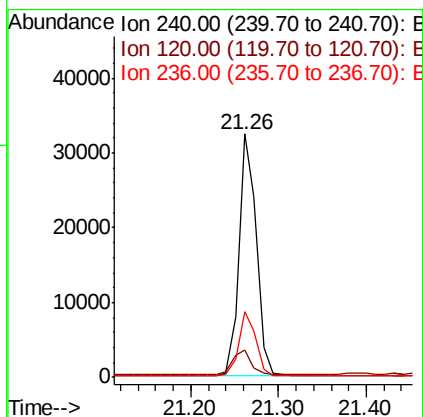
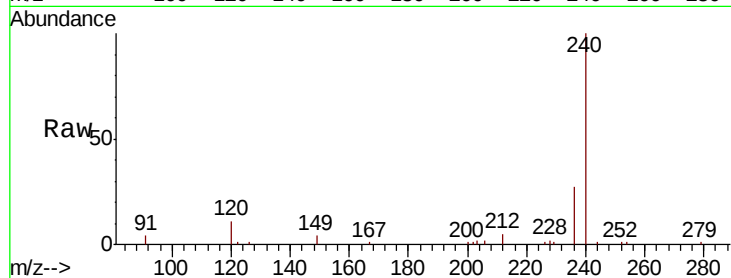




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BN007716.D
 Acq: 18 Sep 2019 21:29

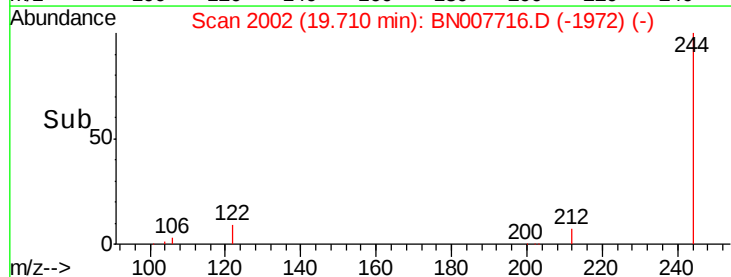
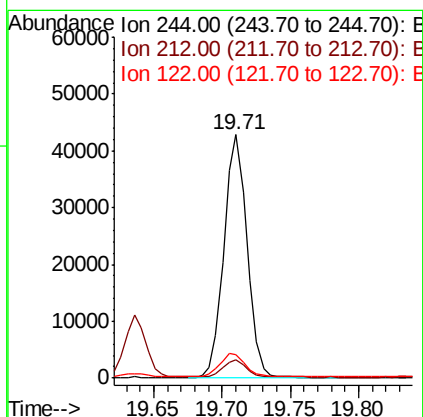
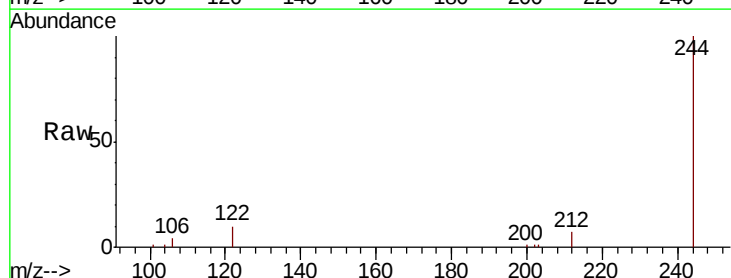
Instrument :
 BNA_N
 ClientSampleId :
 DUP-20190911

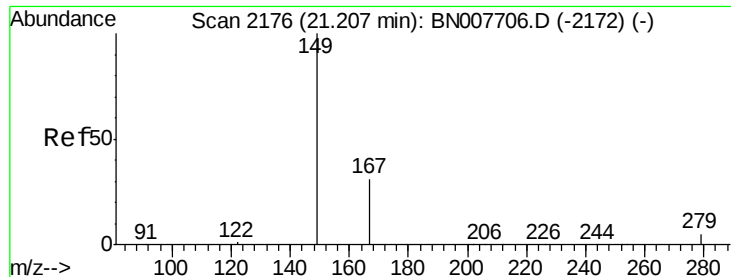
Tot Ion:240 Resp: 44232
 Ion Ratio Lower Upper
 240 100
 120 11.2 5.4 8.2#
 236 27.0 21.0 31.4



#29
 Terphenyl-d14
 Concen: 0.460 ng
 RT: 19.71 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BN007716.D
 Acq: 18 Sep 2019 21:29

Tgt Ion:244 Resp: 50015
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 9.8 7.4 11.2





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.200 ng

RT: 21.20 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007716.D

Acq: 18 Sep 2019 21:29

Instrument :

BNA_N

ClientSampleId :

DUP-20190911

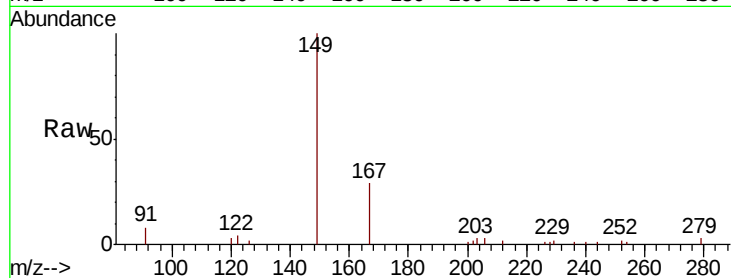
Tot Ion:149 Resp: 16788

Ion Ratio Lower Upper

149 100

167 28.1 23.7 35.5

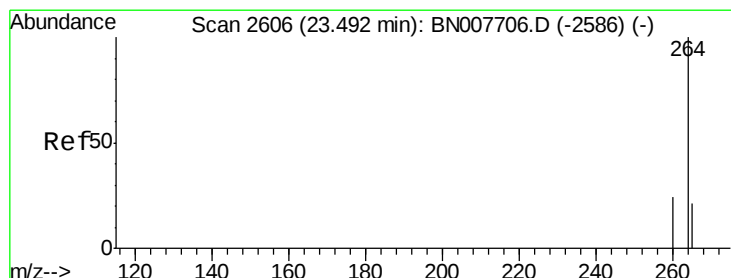
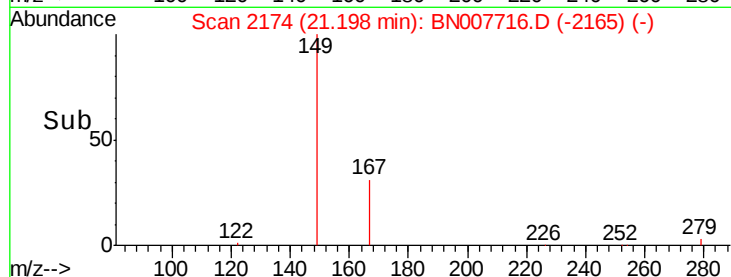
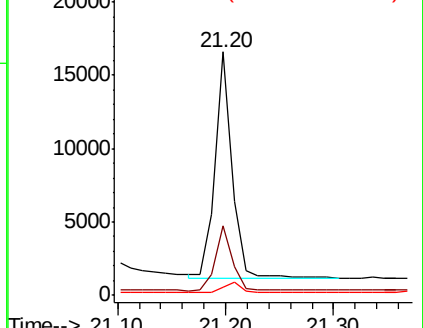
279 4.9 4.2 6.2



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: 23.48 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BN007716.D

Acq: 18 Sep 2019 21:29

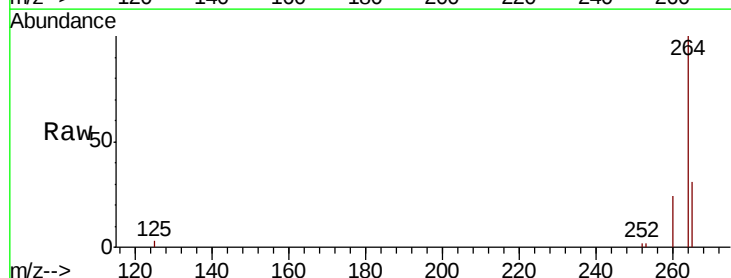
Tgt Ion:264 Resp: 48997

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 31.1 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

