

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 15:10:45 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

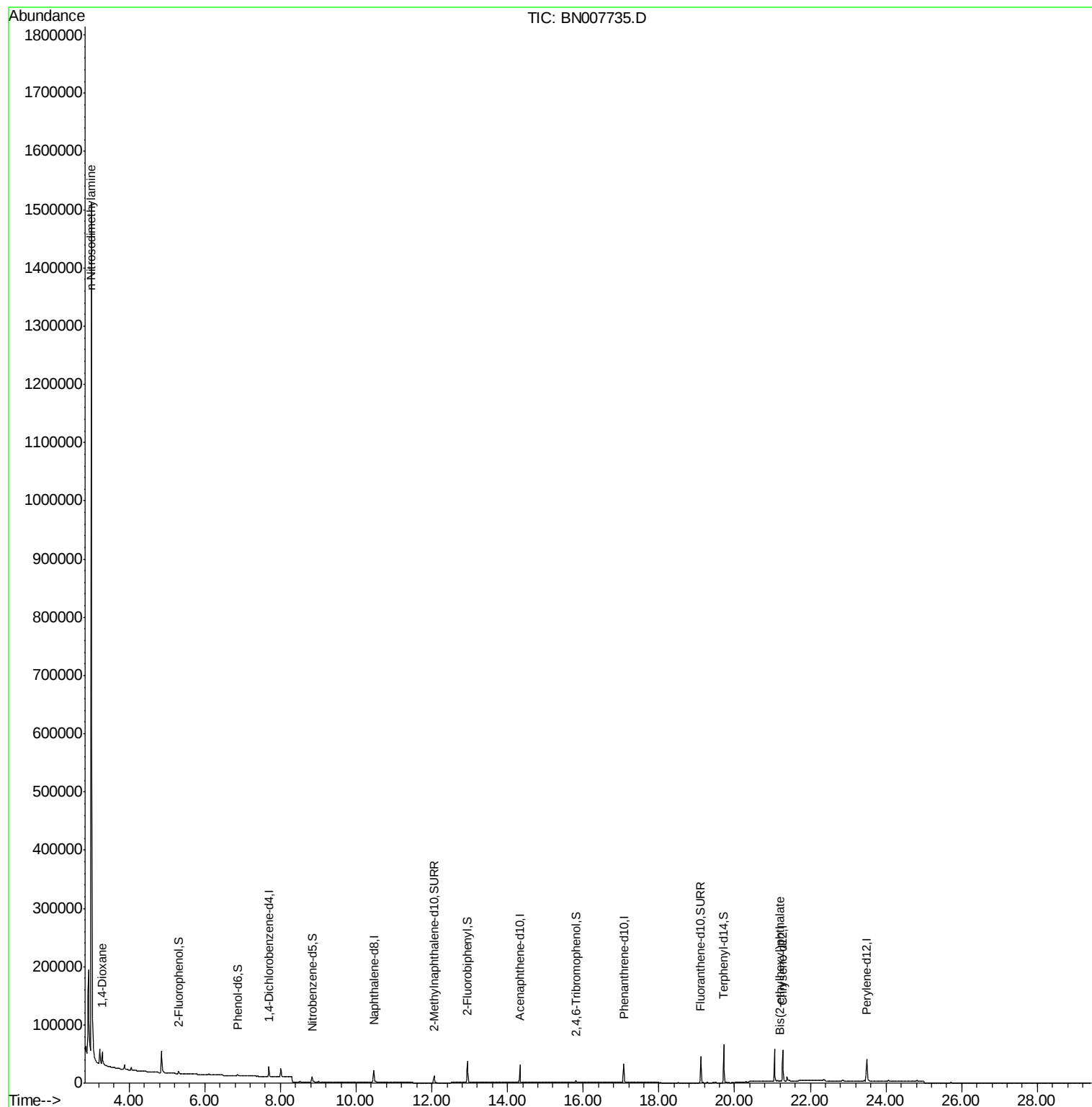
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	16513	1.867	ng	# 92
3) n-Nitrosodimethylamine	3.00	42	139417	34.416	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.21	149	1839	0.021	ng	97

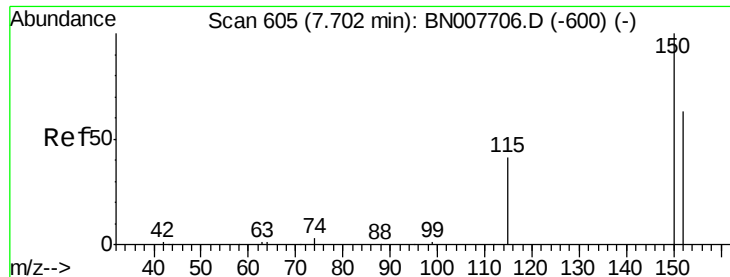
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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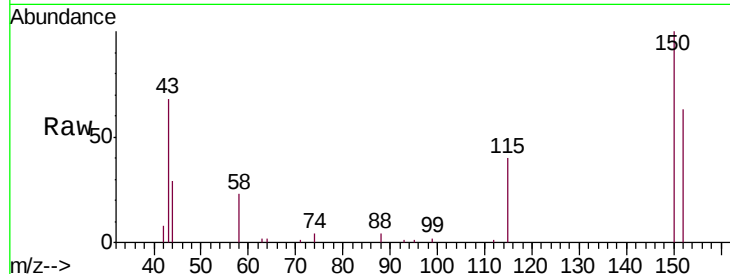


#1

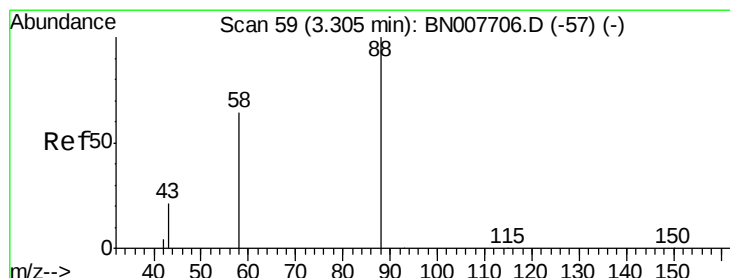
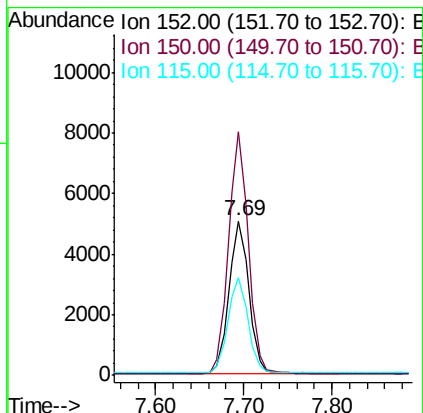
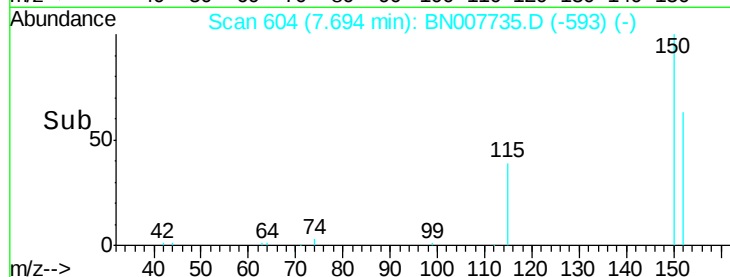
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007735.D
Acq: 19 Sep 2019 11:33

Instrument :
BNA_N
ClientSampleId :
RE123D1-20190912

Tgt Ion: 152 Resp: 7935
Ion Ratio Lower Upper
152 100
150 157.7 125.6 188.4
115 63.1 53.3 79.9



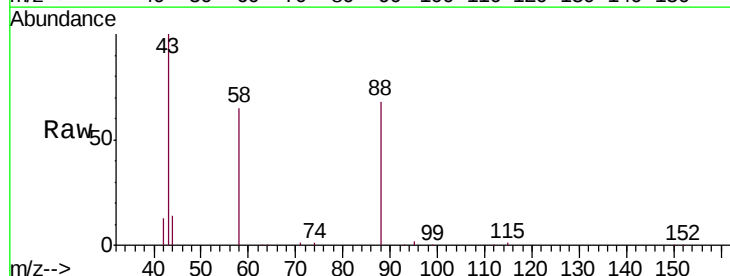
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



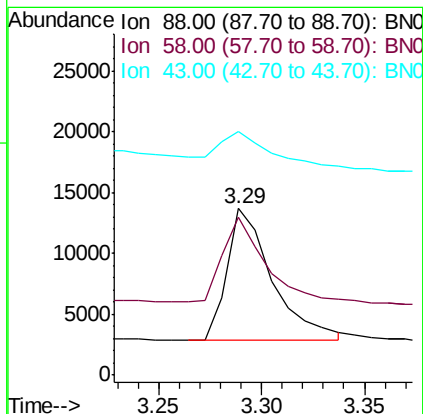
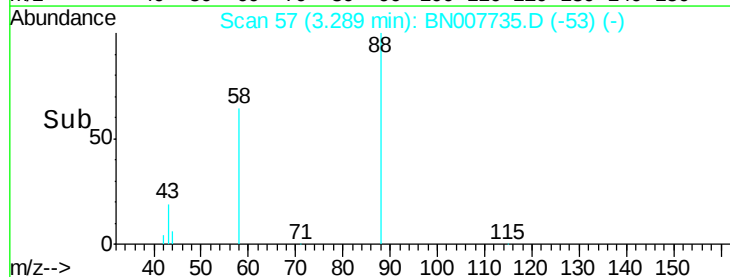
#2

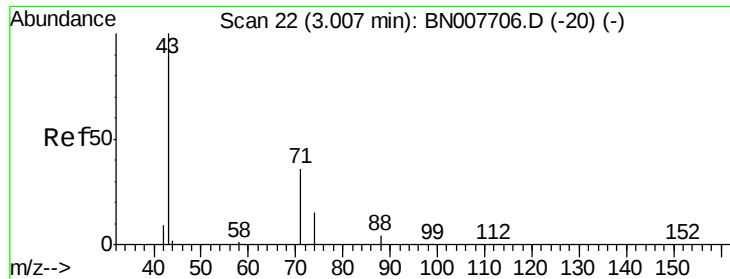
1,4-Dioxane
Concen: 1.867 ng
RT: 3.29 min Scan# 57
Delta R.T. -0.02 min
Lab File: BN007735.D
Acq: 19 Sep 2019 11:33

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



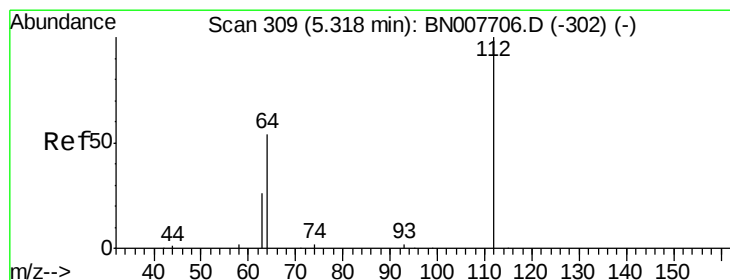
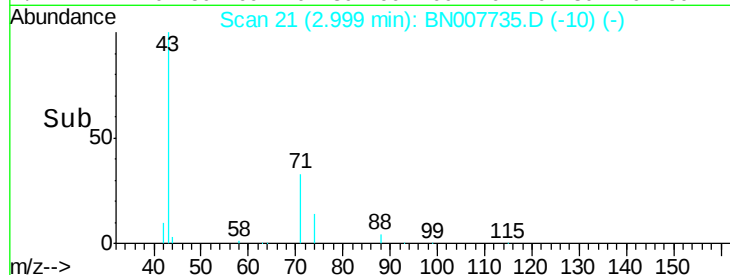
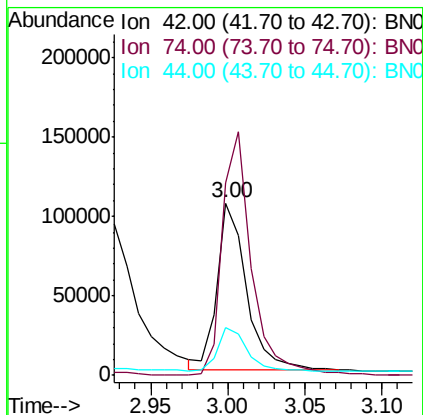
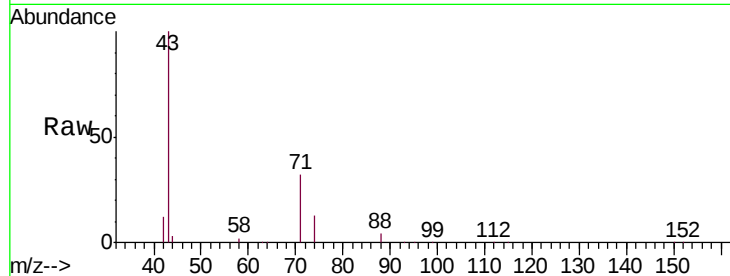


#3

n-Nitrosodimethylamine
 Concen: 34.416 ng
 RT: 3.00 min Scan# 21
 Delta R.T. -0.01 min
 Lab File: BN007735.D
 Acq: 19 Sep 2019 11:33

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20190912

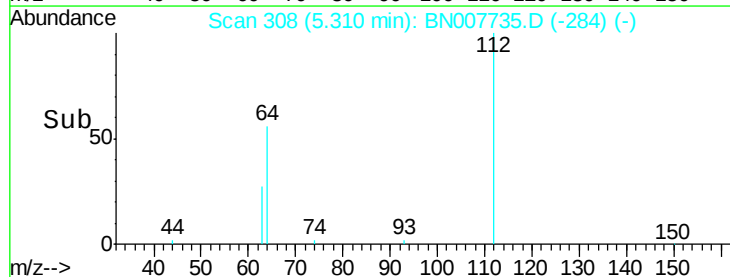
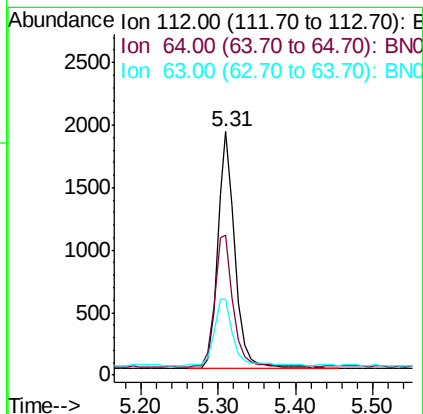
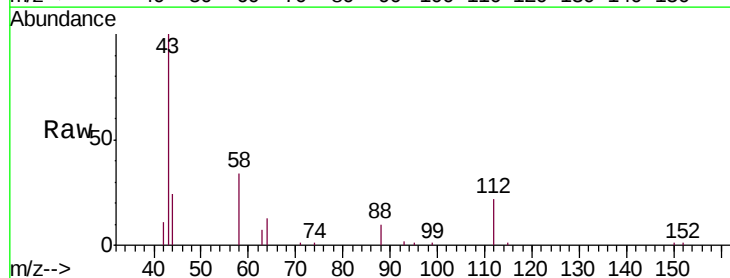
Tgt Ion: 42 Resp: 139417
 Ion Ratio Lower Upper
 42 100
 74 143.8 87.9 131.9#
 44 25.9 29.4 44.0#

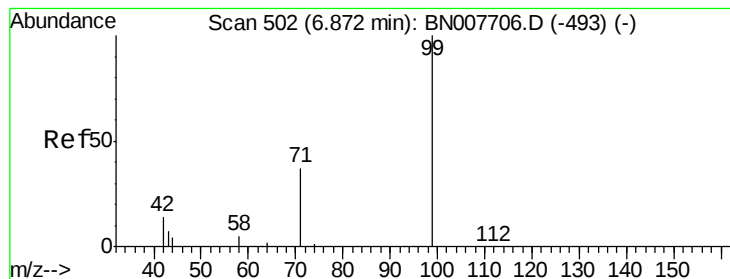


#4

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

Tgt Ion: 112 Resp: 2951
 Ion Ratio Lower Upper
 112 100
 64 60.3 46.6 70.0
 63 30.8 23.1 34.7





#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

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912

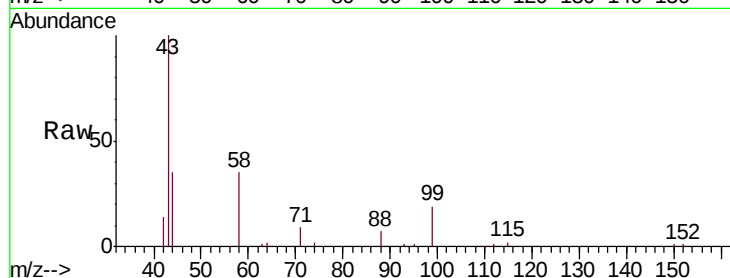
Tgt Ion: 99 Resp: 2211

Ion Ratio Lower Upper

99 100

42 13.9 12.8 19.2

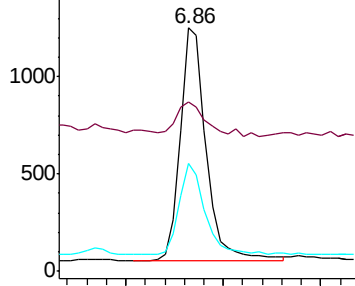
71 38.4 27.6 41.4



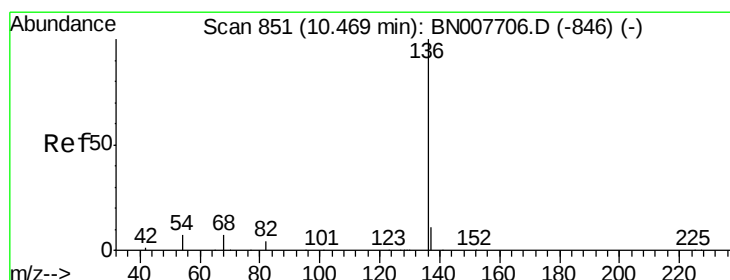
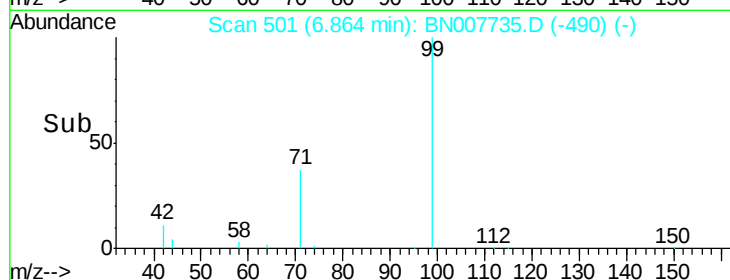
Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



Time-->



#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

Tgt Ion: 136 Resp: 30630

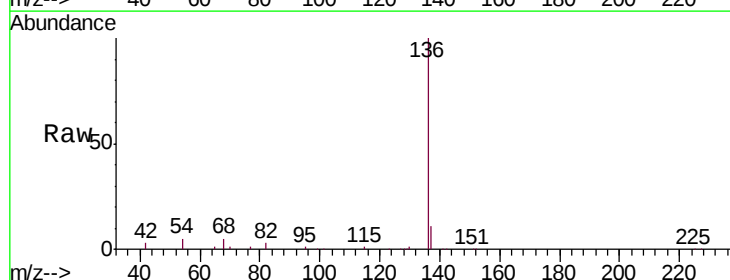
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 4.5 5.8 8.8#

68 5.1 6.5 9.7#

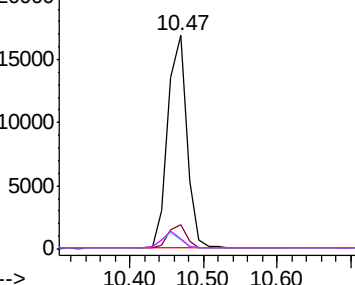


Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

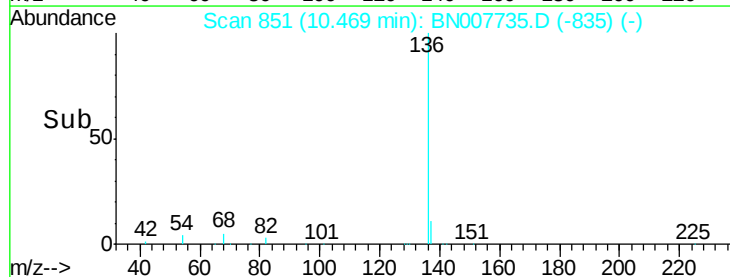
Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

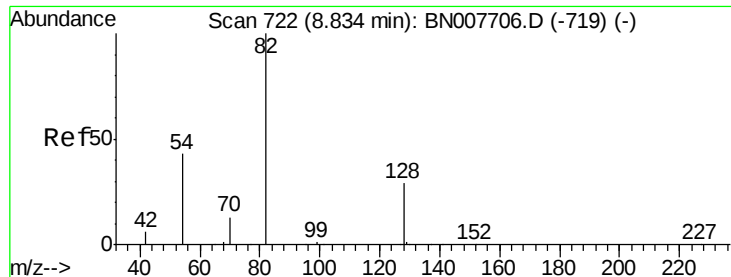
Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)



Time-->





#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

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912

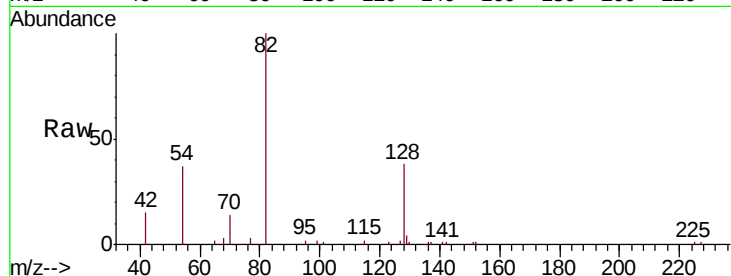
Tgt Ion: 82 Resp: 8804

Ion Ratio Lower Upper

82 100

128 37.9 24.5 36.7#

54 37.4 35.2 52.8

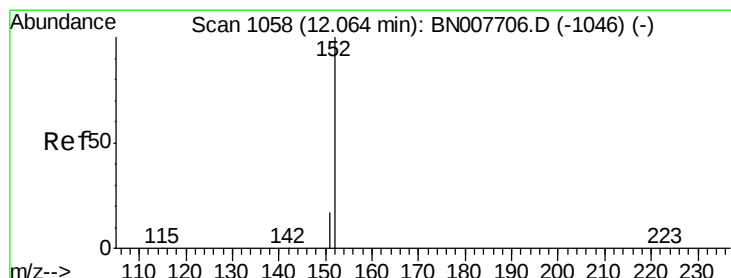
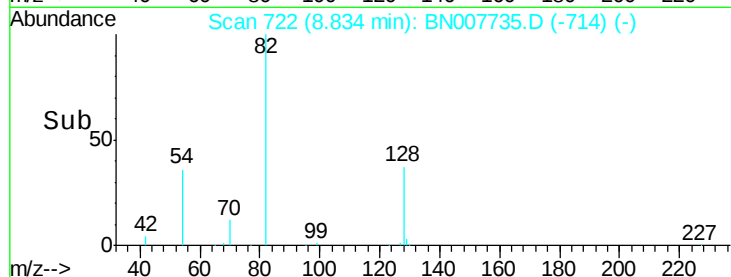


Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.358 ng

RT: 12.06 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BN007735.D

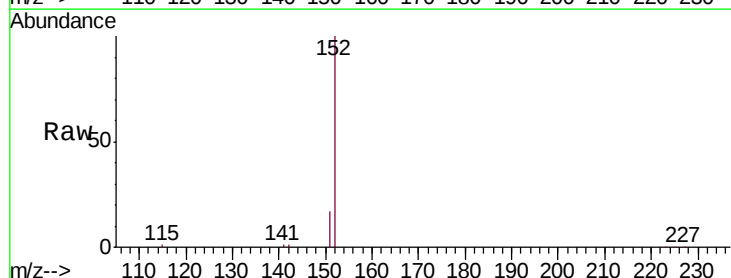
Acq: 19 Sep 2019 11:33

Tgt Ion: 152 Resp: 18486

Ion Ratio Lower Upper

152 100

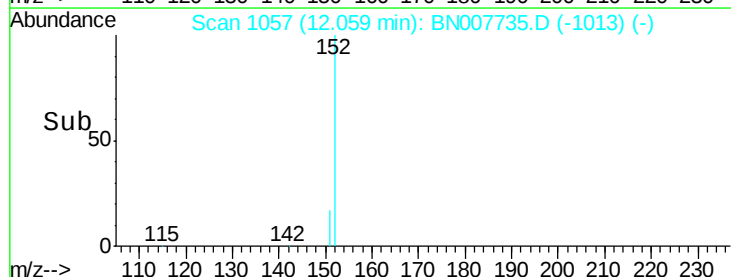
151 18.7 15.4 23.2

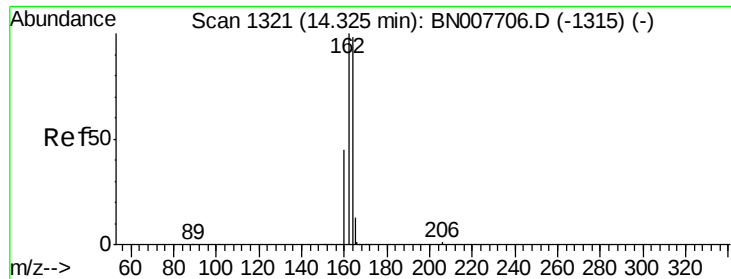


Abundance Ion 152.00 (151.70 to 152.70): BN007706.D (-1046) (-)

Ion 151.00 (150.70 to 151.70): BN007706.D (-1046) (-)

Time-->





#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

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912

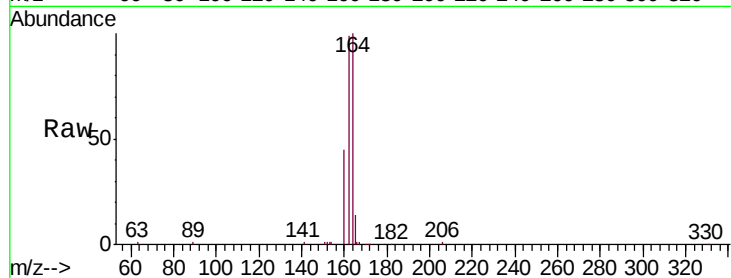
Tgt Ion:164 Resp: 18476

Ion Ratio Lower Upper

164 100

162 99.5 81.7 122.5

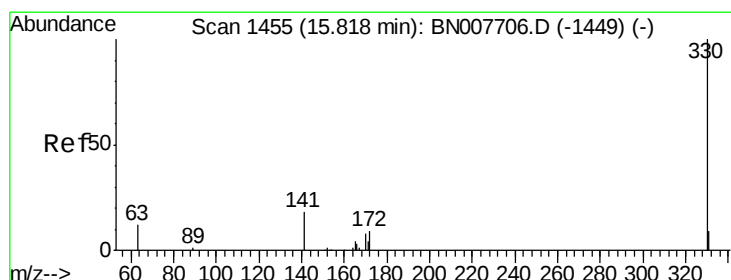
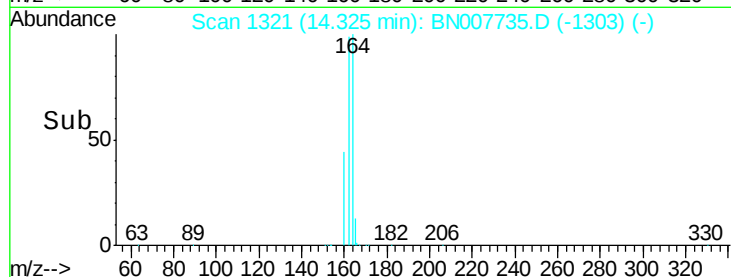
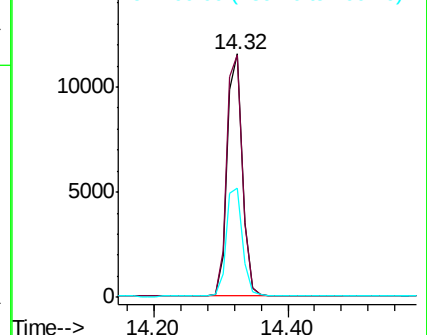
160 44.7 37.0 55.4



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: 0.249 ng

RT: 15.82 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BN007735.D

Acq: 19 Sep 2019 11:33

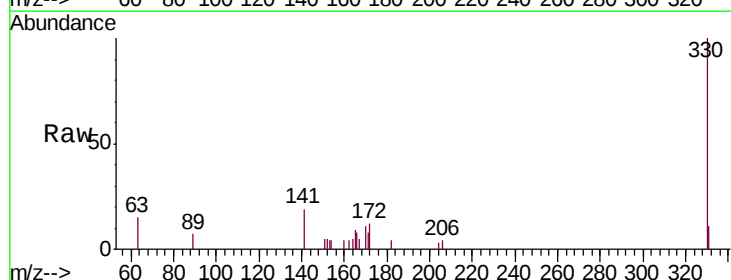
Tgt Ion:330 Resp: 2508

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

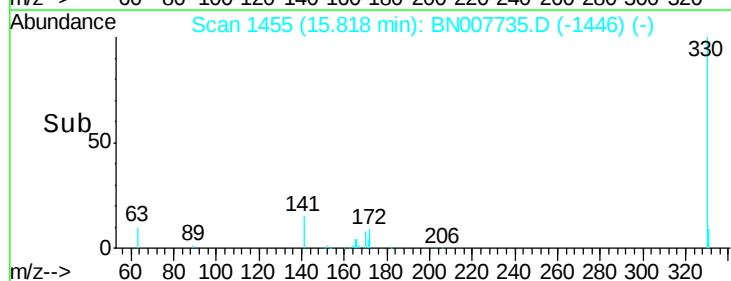
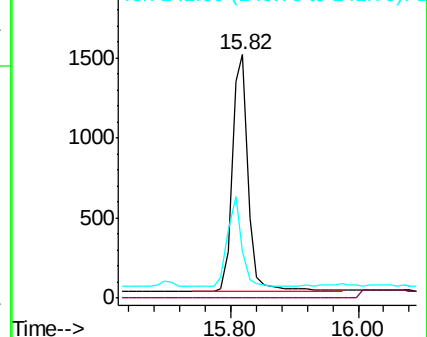
141 34.3 28.7 43.1

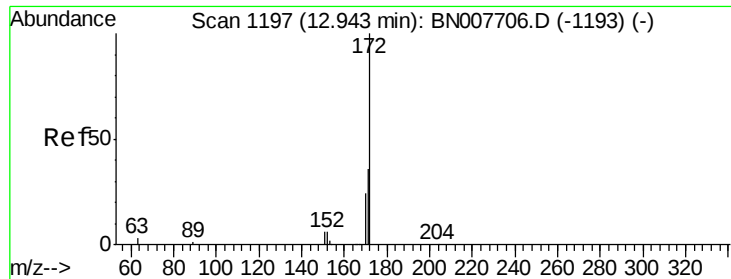


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

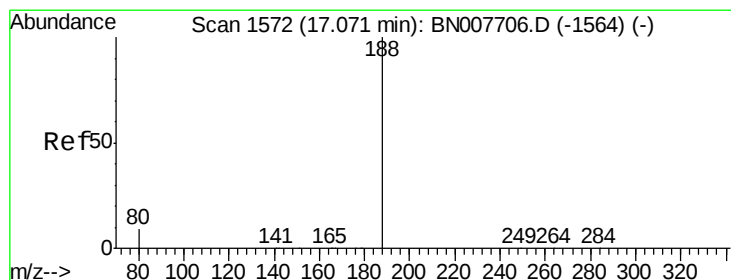
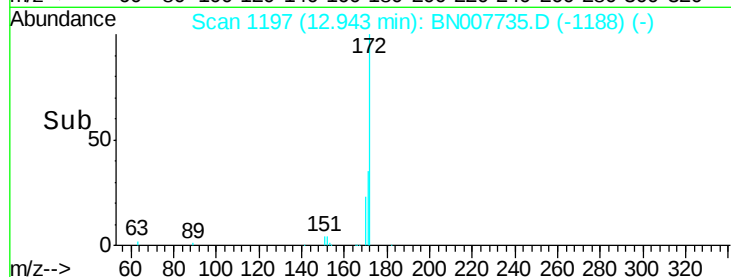
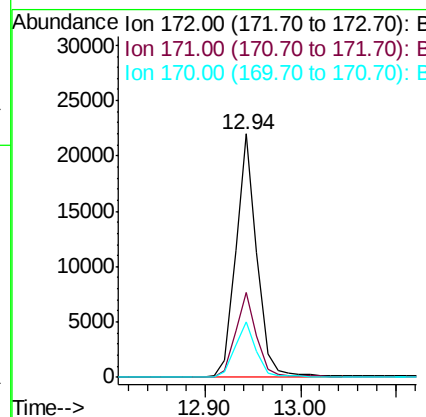
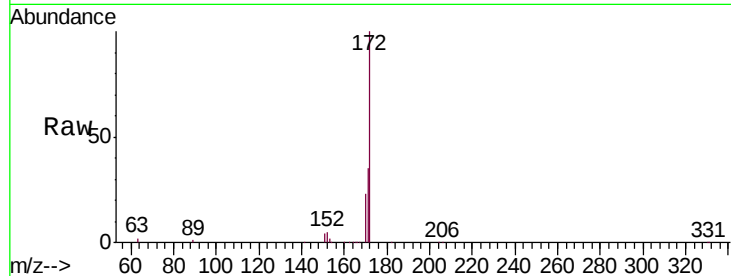




#15
 2-Fluorobiphenyl
 Concen: 0.438 ng
 RT: 12.94 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BN007735.D
 Acq: 19 Sep 2019 11:33

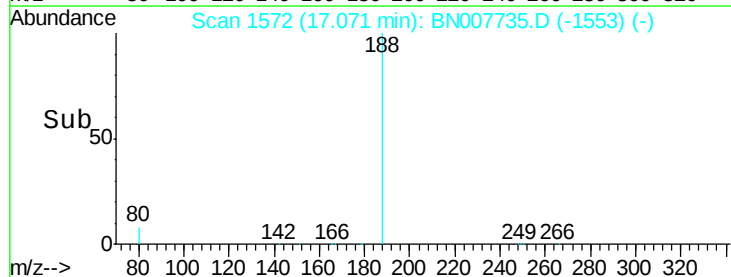
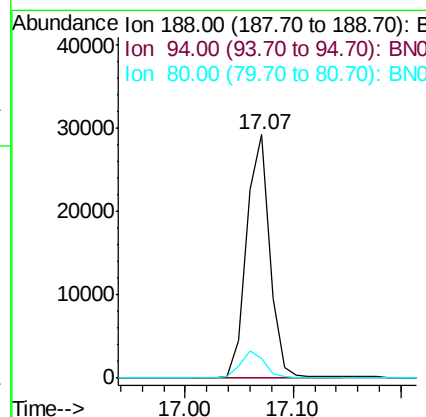
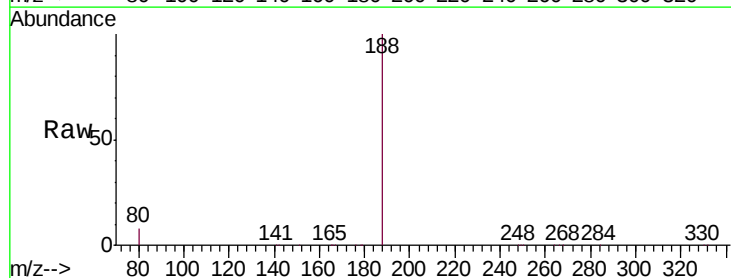
Instrument :
 BNA_N
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 RE123D1-20190912

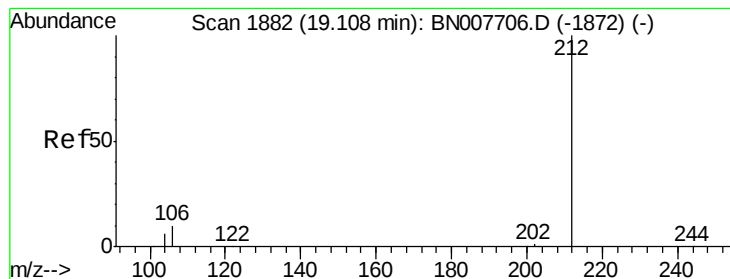
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	22.7	19.5	29.3



#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

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.4	11.2





#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

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912

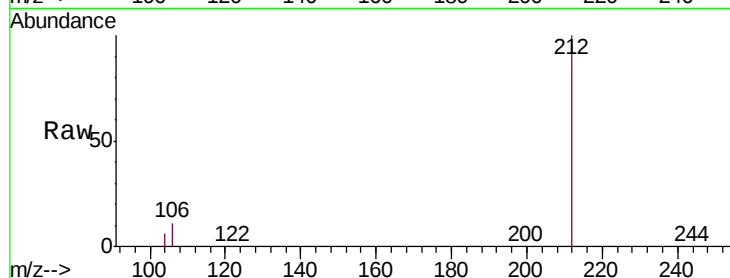
Tgt Ion:212 Resp: 53927

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

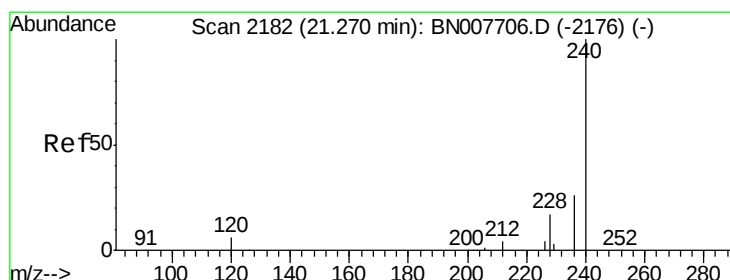
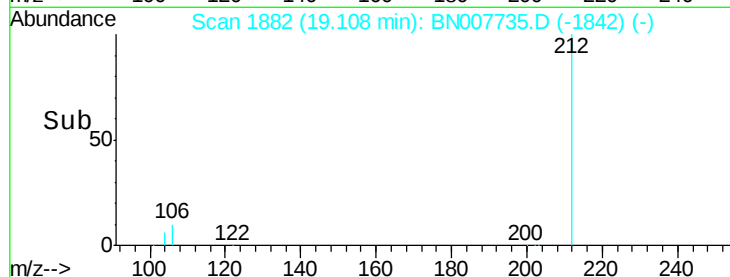
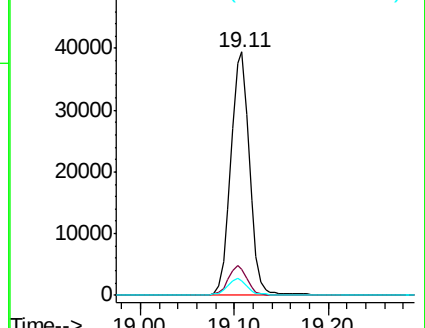
104 6.7 5.3 7.9



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

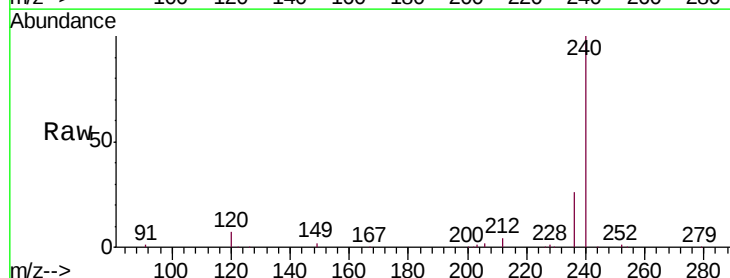
Tgt Ion:240 Resp: 46435

Ion Ratio Lower Upper

240 100

120 7.1 5.4 8.2

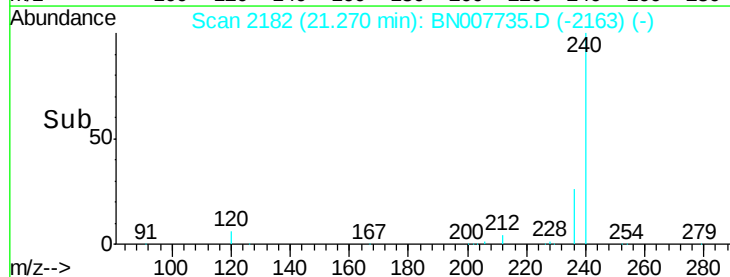
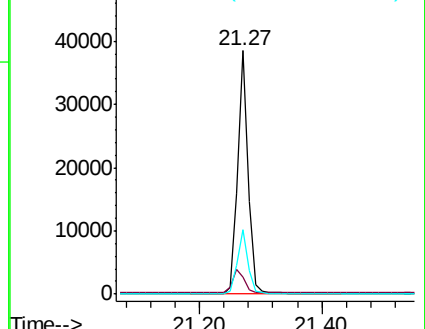
236 26.3 21.0 31.4

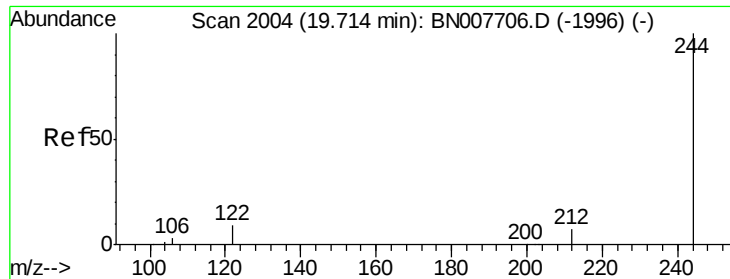


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

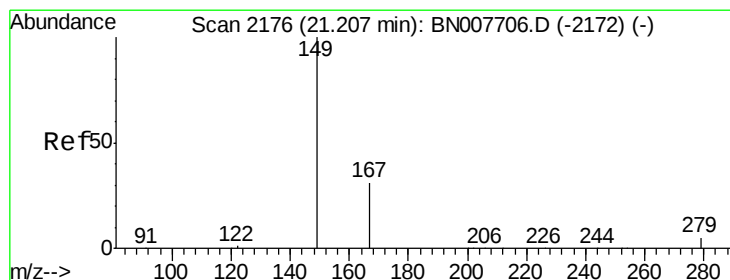
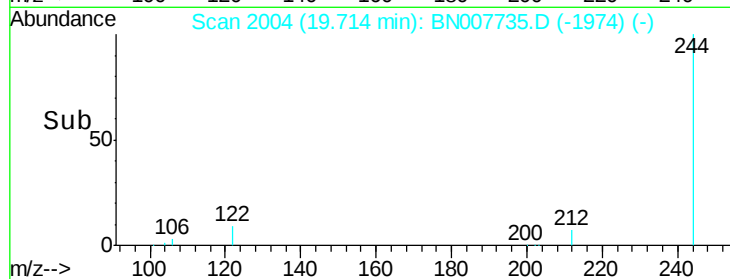
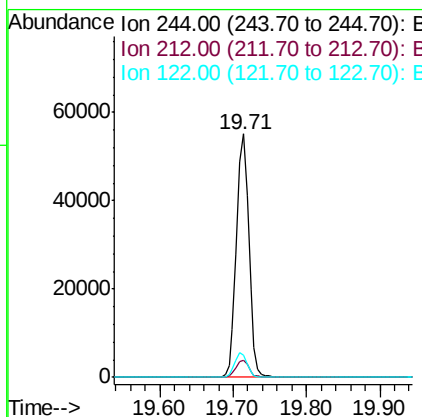
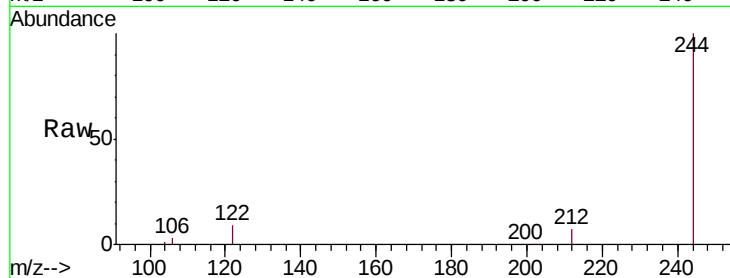




#29
 Terphenyl-d14
 Concen: 0.570 ng
 RT: 19.71 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BN007735.D
 Acq: 19 Sep 2019 11:33

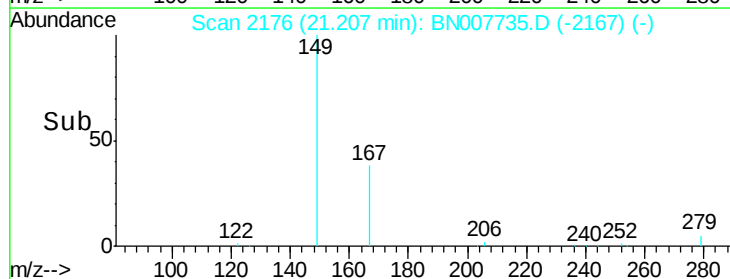
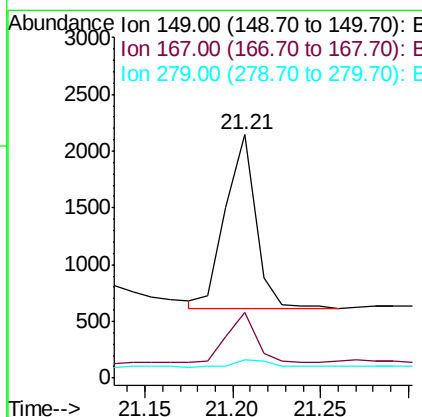
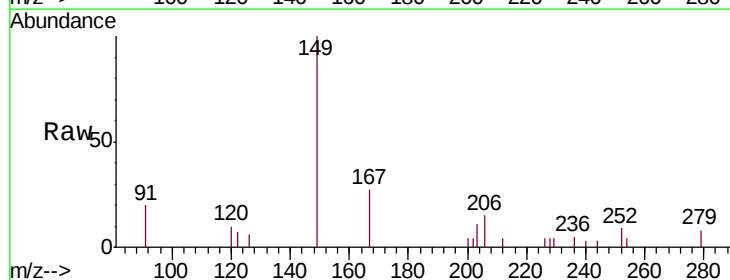
Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20190912

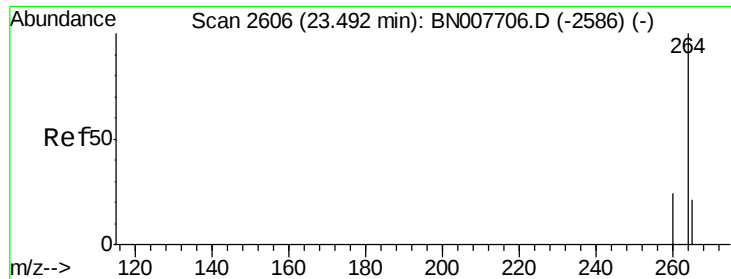
Tgt Ion:244 Resp: 64967
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 9.2 7.4 11.2



#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

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

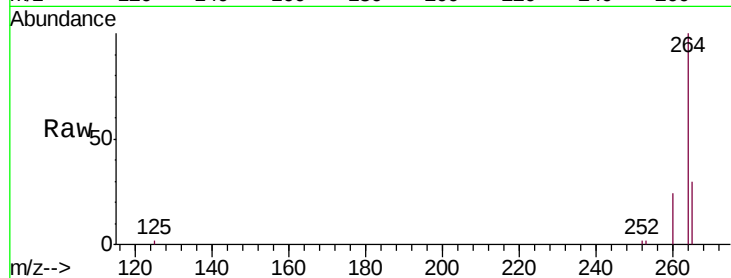




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2606
Delta R.T. 0.00 min
Lab File: BN007735.D
Acq: 19 Sep 2019 11:33

Instrument :
BNA_N
ClientSampleId :
RE123D1-20190912

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

