

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092719\
 Data File : BN007883.D
 Acq On : 27 Sep 2019 12:18
 Operator : JU
 Sample : PB123288BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 27 15:51:45 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	6471	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	24635	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	14928	0.40	ng	-0.02
19) Phenanthrene-d10	17.06	188	32856	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	33910	0.40	ng	0.00
34) Perylene-d12	23.48	264	35963	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	6985	0.31	ng	0.00
5) Phenol-d6	6.86	99	9025	0.32	ng	0.00
8) Nitrobenzene-d5	8.82	82	8132	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	14803	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.80	330	2541	0.31	ng	-0.02
15) 2-Fluorobiphenyl	12.94	172	20747	0.34	ng	0.00
25) Fluoranthene-d10	19.09	212	39142	0.35	ng	-0.01
29) Terphenyl-d14	19.70	244	32961	0.40	ng	-0.01

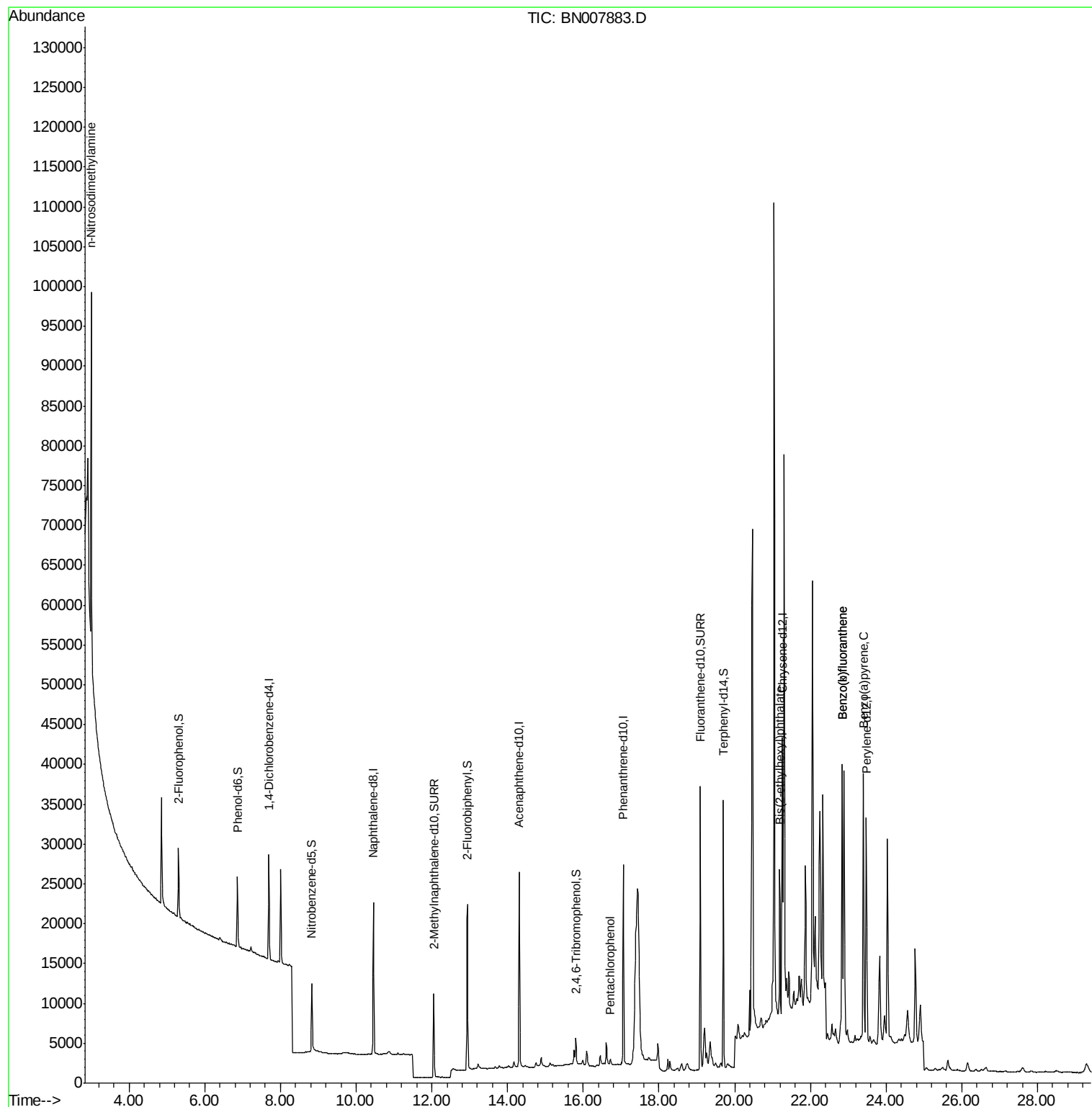
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.00	42	4658	1.410	ng	# 74
22) Pentachlorophenol	16.72	266	381	0.047	ng	89
32) Bis(2-ethylhexyl)phthalate	21.19	149	19681	0.306	ng	97
35) Benzo(b)fluoranthene	22.84	252	6560	0.053	ng	# 1
36) Benzo(k)fluoranthene	22.84	252	6560	0.053	ng	# 1
37) Benzo(a)pyrene	23.40	252	5030	0.043	ng	# 1

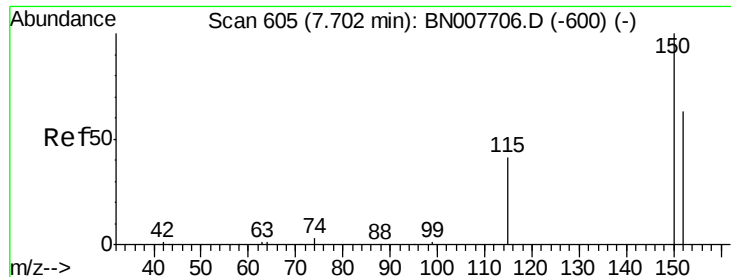
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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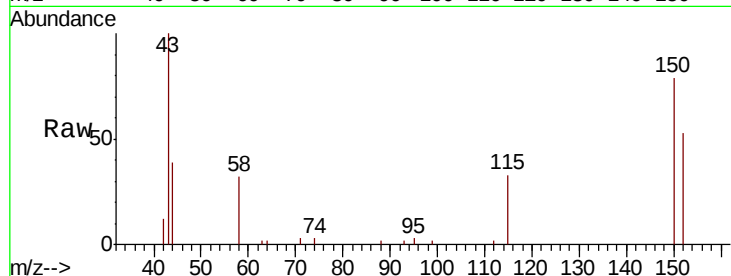


#1

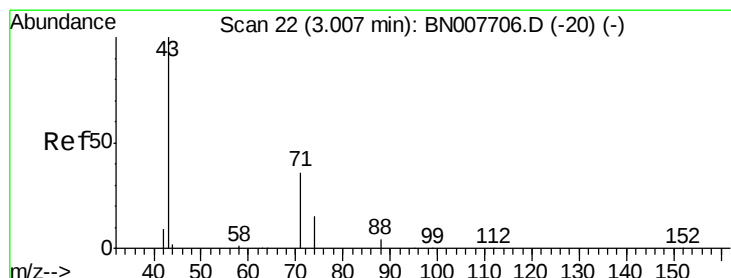
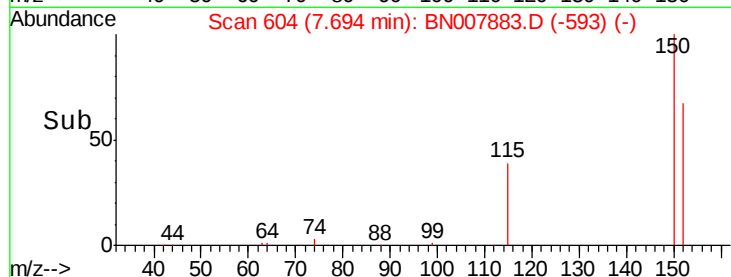
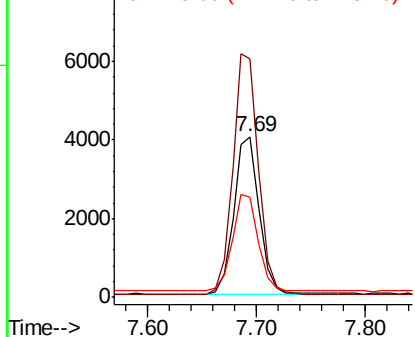
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007883.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 6471
Ion Ratio Lower Upper
152 100
150 148.6 125.6 188.4
115 62.0 53.3 79.9



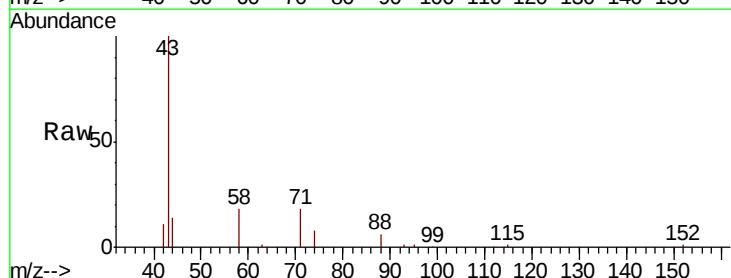
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



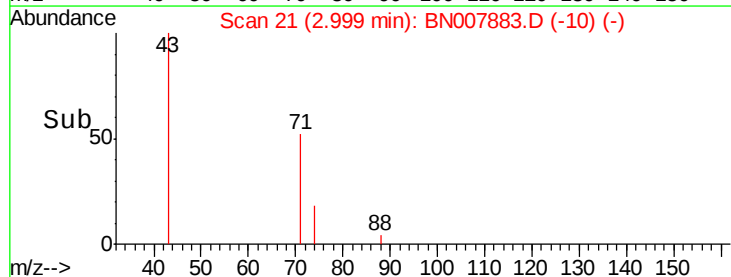
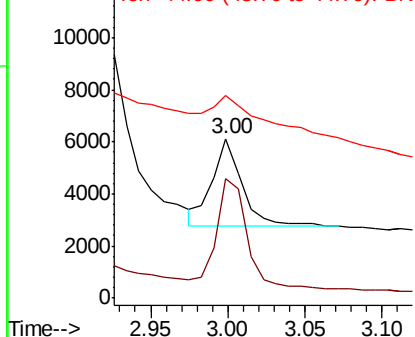
#3

n-Nitrosodimethylamine
Concen: 1.410 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007883.D
Acq: 27 Sep 2019 12:18

Tgt Ion: 42 Resp: 4658
Ion Ratio Lower Upper
42 100
74 124.5 87.9 131.9
44 73.9 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.314 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_N

ClientSampled :

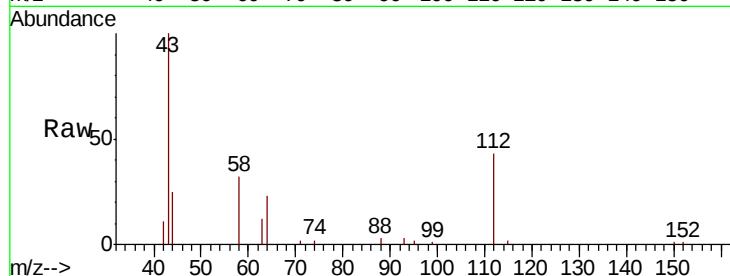
Tot Ion: 112 Resp: 6985

Ion Ratio Lower Upper

112 100

64 59.0 46.6 70.0

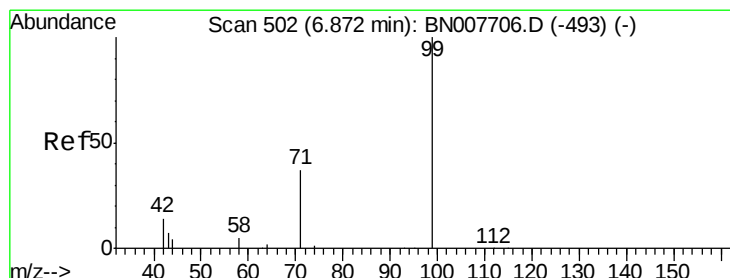
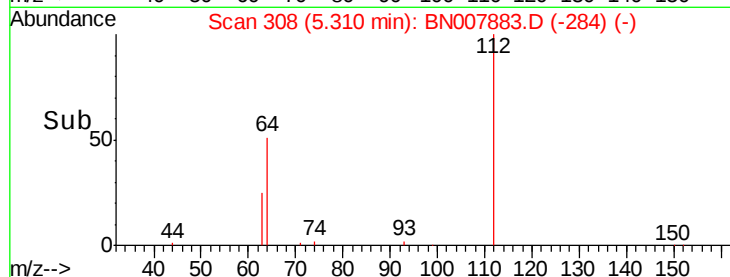
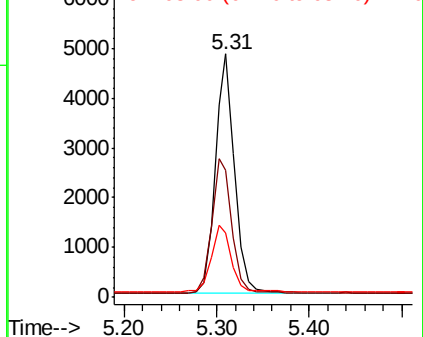
63 28.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.324 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

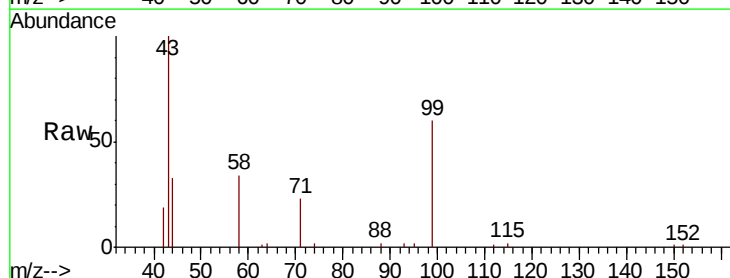
Tgt Ion: 99 Resp: 9025

Ion Ratio Lower Upper

99 100

42 14.8 12.8 19.2

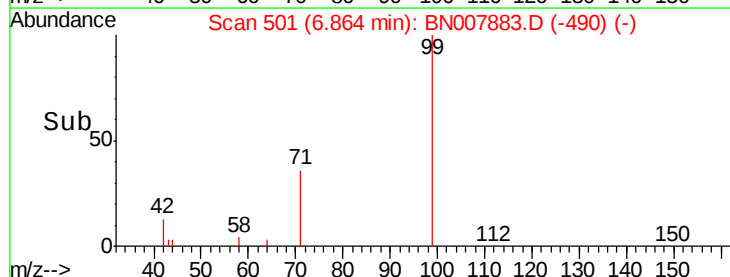
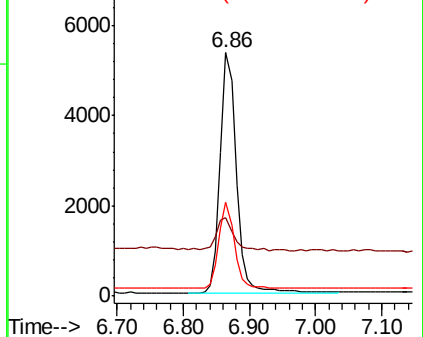
71 34.8 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 24635

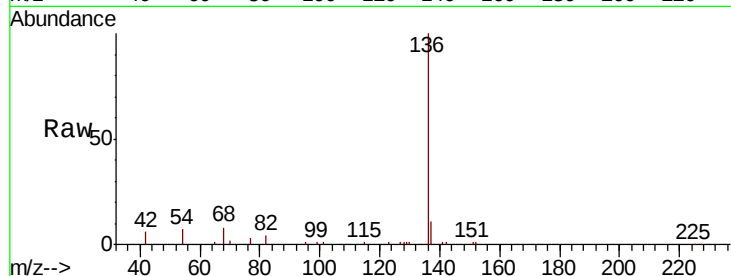
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 6.7 5.8 8.8

68 7.8 6.5 9.7

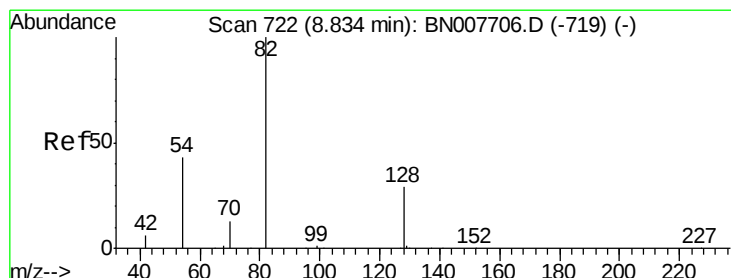
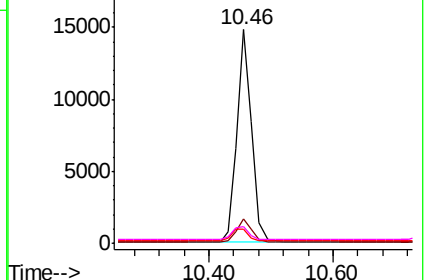
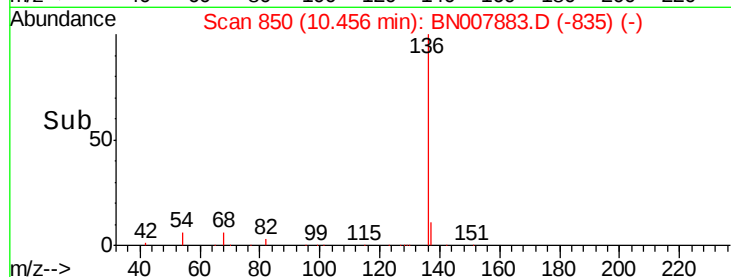


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.377 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

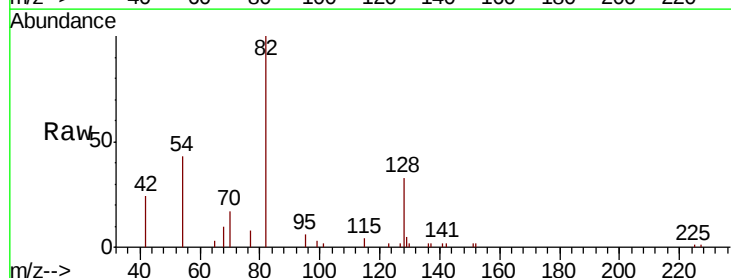
Tgt Ion: 82 Resp: 8132

Ion Ratio Lower Upper

82 100

128 33.0 24.5 36.7

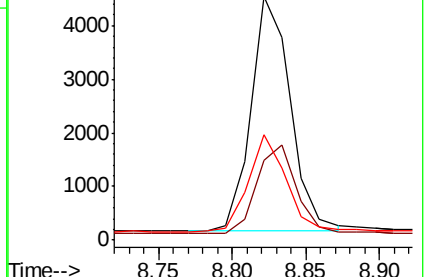
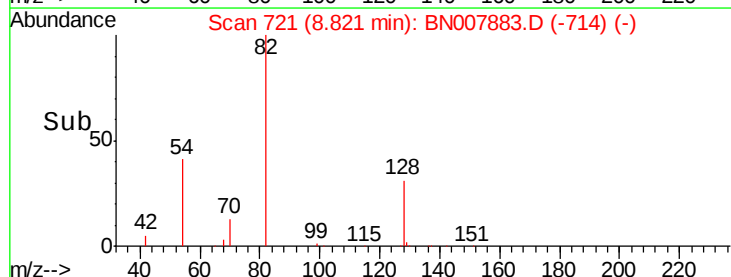
54 43.3 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

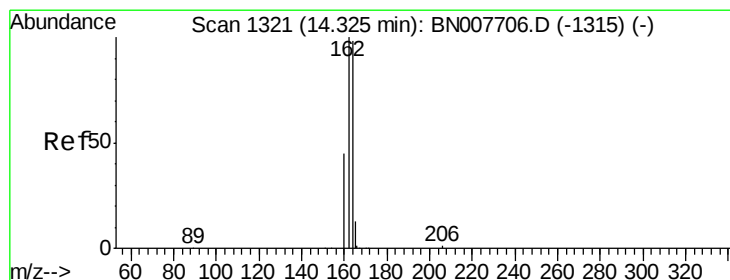
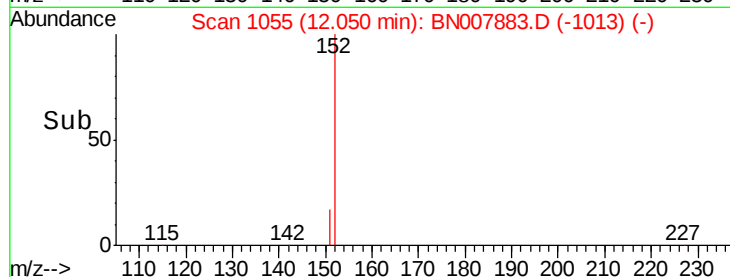
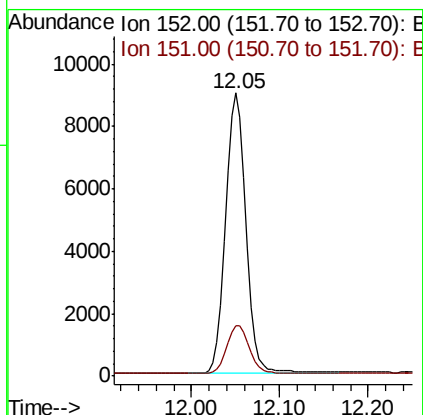
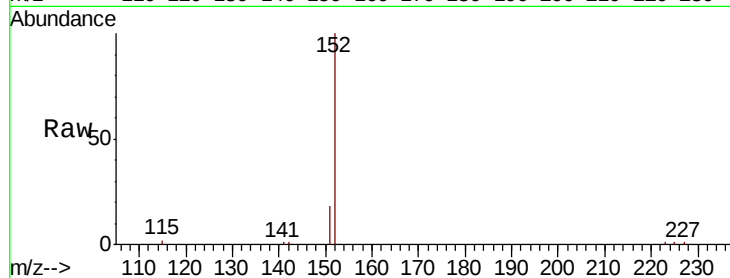




#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007883.D
Acq: 27 Sep 2019 12:18

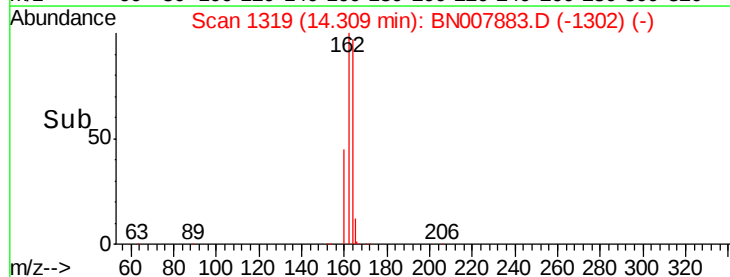
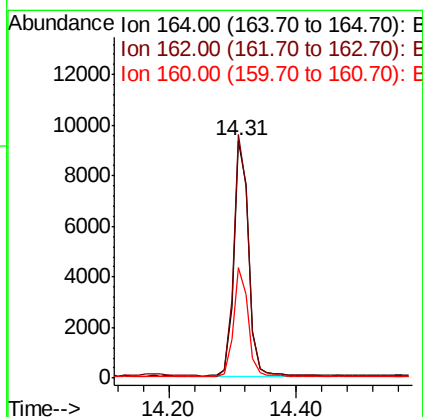
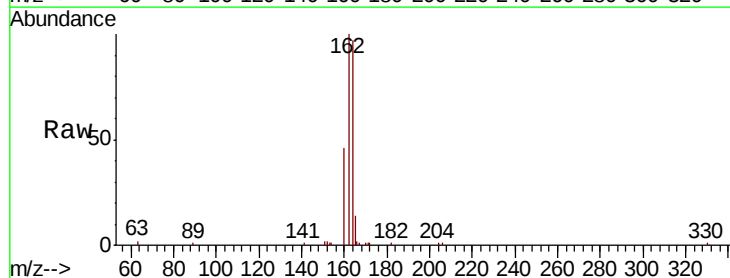
Instrument :
BNA_N
ClientSampled :

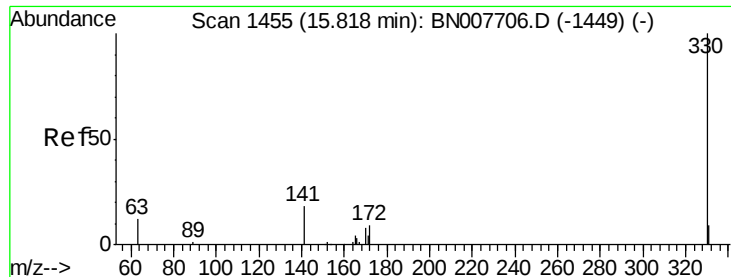
Tot Ion:152 Resp: 14803
Ion Ratio Lower Upper
152 100
151 19.0 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN007883.D
Acq: 27 Sep 2019 12:18

Tgt Ion:164 Resp: 14928
Ion Ratio Lower Upper
164 100
162 102.6 81.7 122.5
160 46.8 37.0 55.4





#14

2,4,6-Tribromophenol

Concen: 0.313 ng

RT: 15.80 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_N

ClientSampleId :

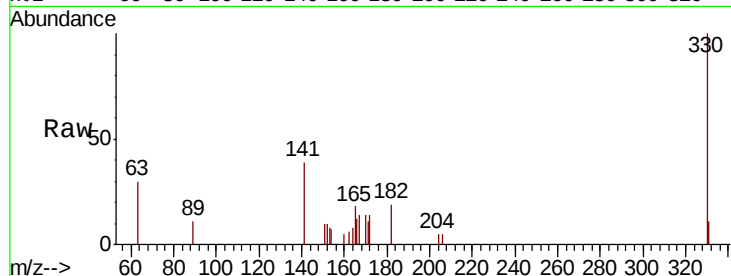
Tot Ion:330 Resp: 2541

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

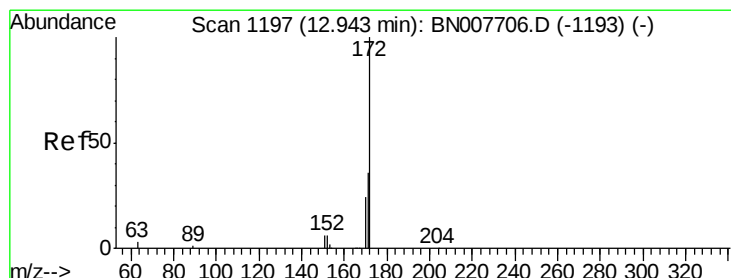
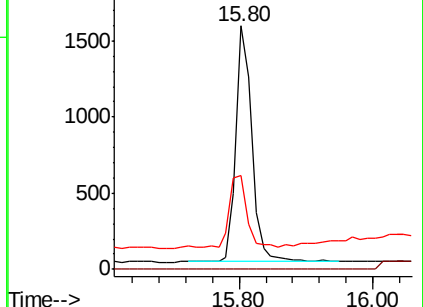
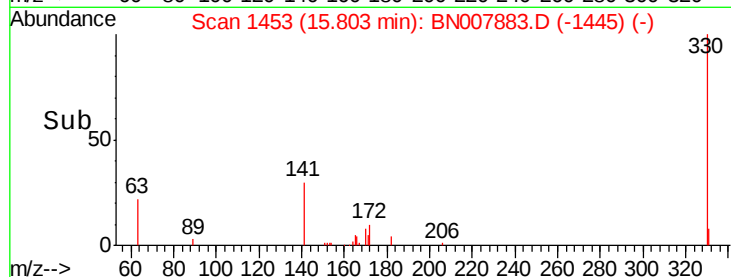
141 32.9 28.7 43.1



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: 0.337 ng

RT: 12.94 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

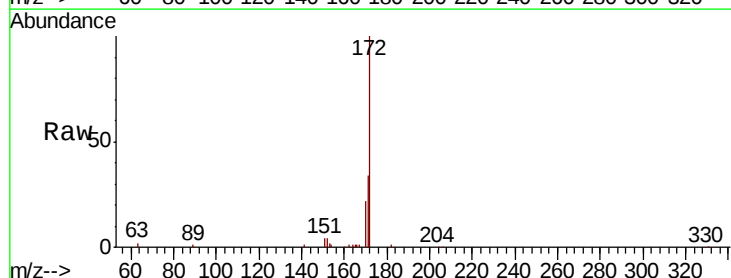
Tgt Ion:172 Resp: 20747

Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

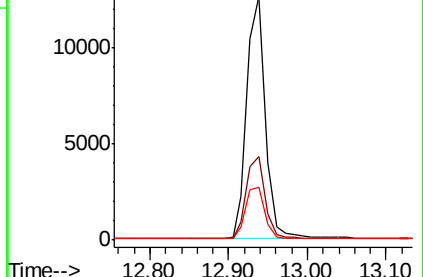
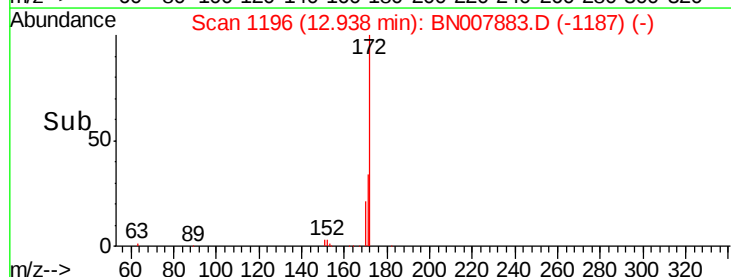
170 21.5 19.5 29.3

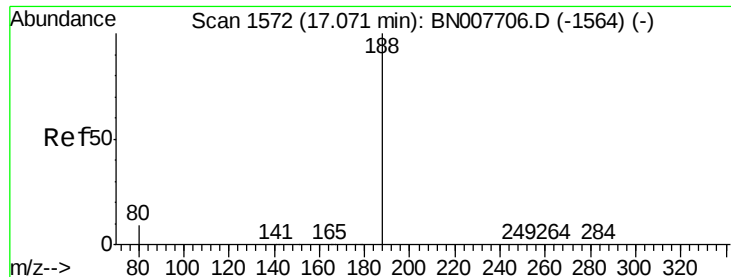


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.06 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_N

ClientSampleId :

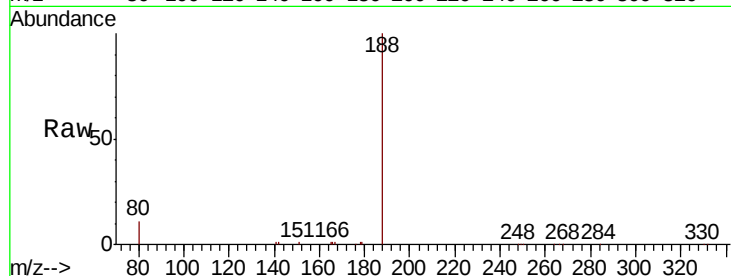
Tot Ion:188 Resp: 32856

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

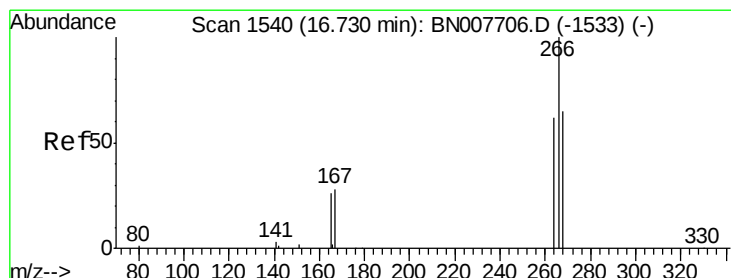
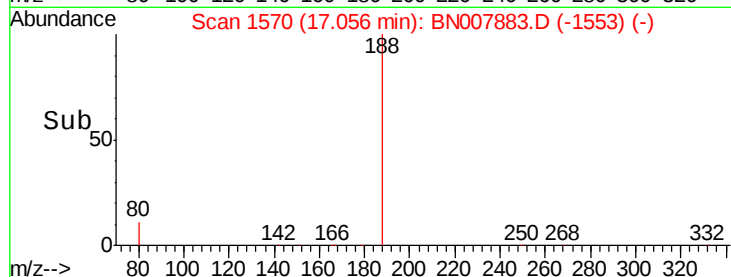
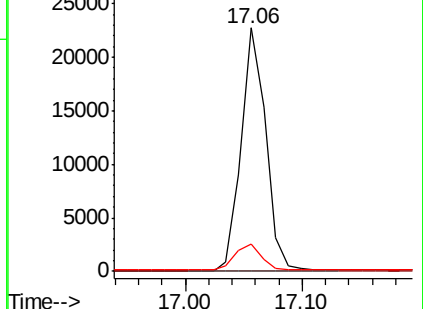
80 11.4 7.4 11.2#



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: 0.047 ng

RT: 16.72 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BN007883.D

Acq: 27 Sep 2019 12:18

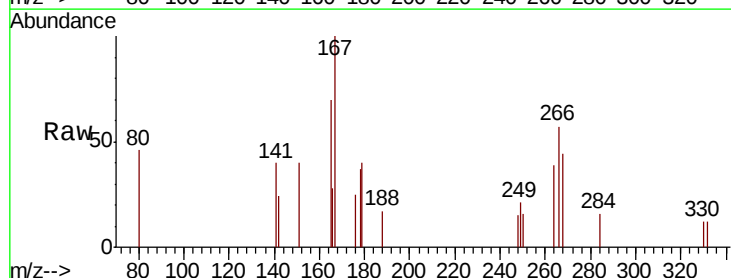
Tgt Ion:266 Resp: 381

Ion Ratio Lower Upper

266 100

264 69.1 50.0 75.0

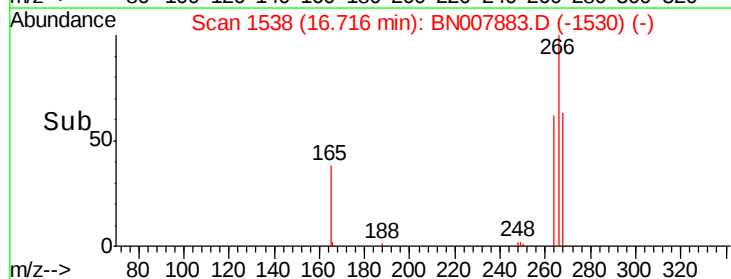
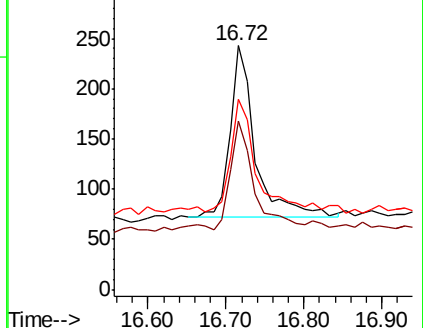
268 77.8 54.2 81.4

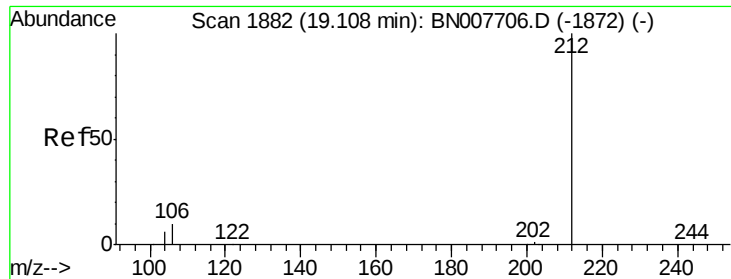


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

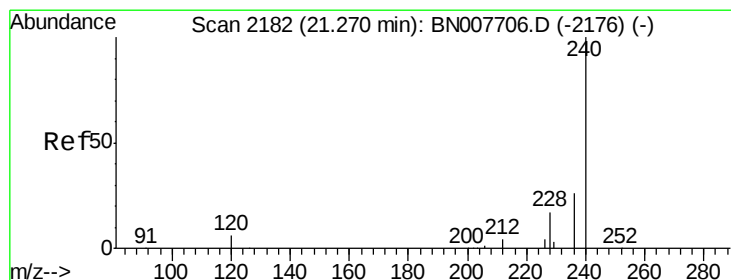
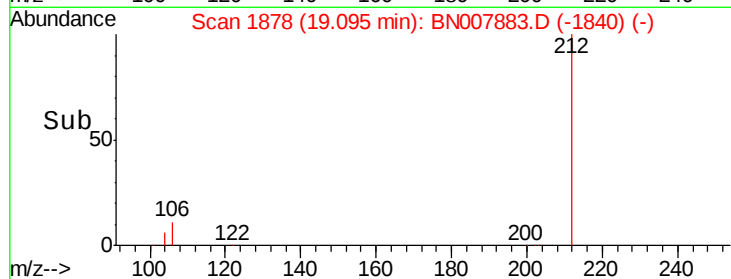
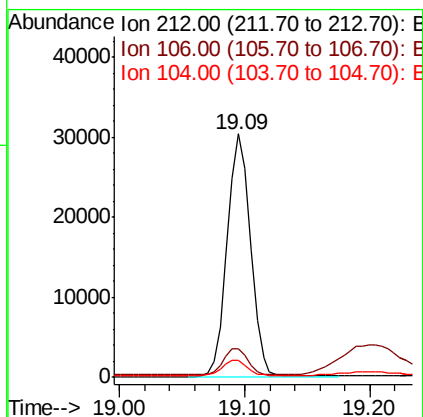
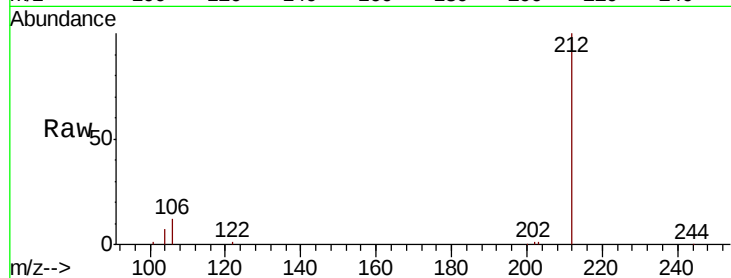




#25
 Fluoranthene-d10
 Concen: 0.353 ng
 RT: 19.09 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BN007883.D
 Acq: 27 Sep 2019 12:18

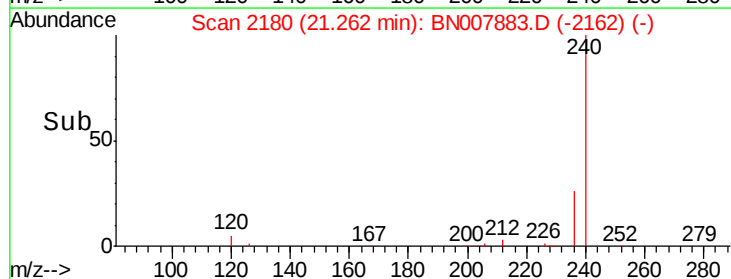
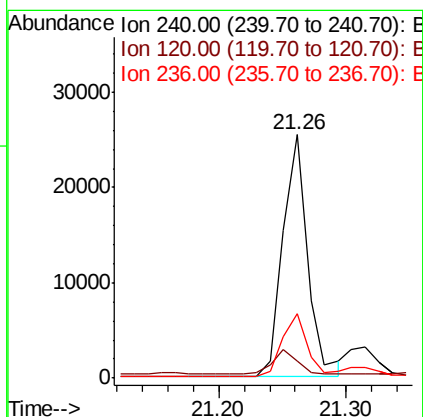
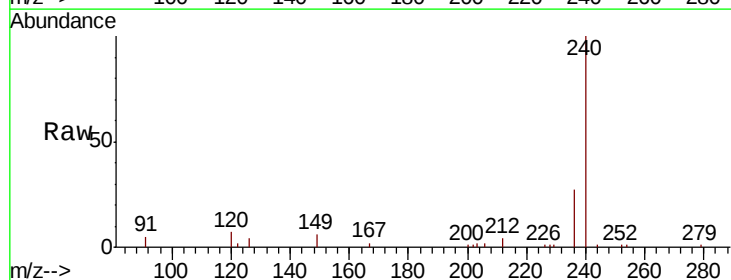
Instrument :
 BNA_N
 ClientSampleId :

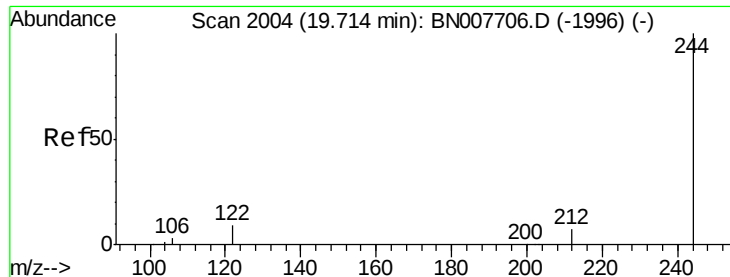
Tot Ion:212 Resp: 39142
 Ion Ratio Lower Upper
 212 100
 106 11.3 9.4 14.0
 104 6.6 5.3 7.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BN007883.D
 Acq: 27 Sep 2019 12:18

Tgt Ion:240 Resp: 33910
 Ion Ratio Lower Upper
 240 100
 120 6.8 5.4 8.2
 236 26.5 21.0 31.4

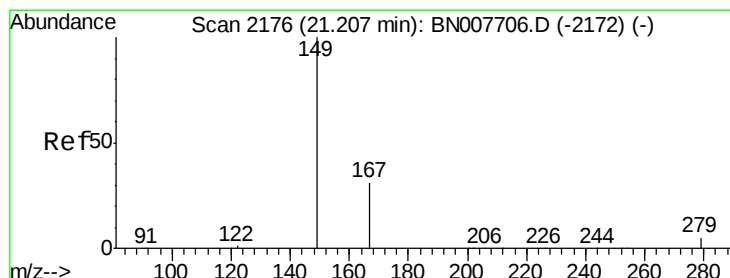
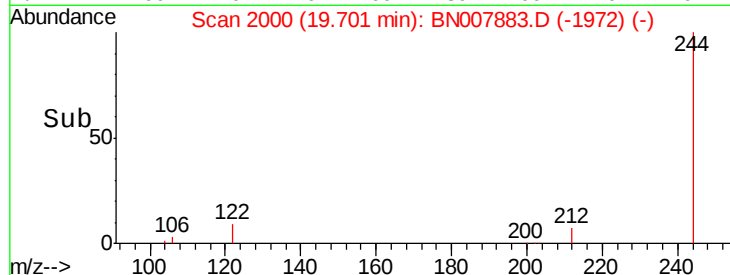
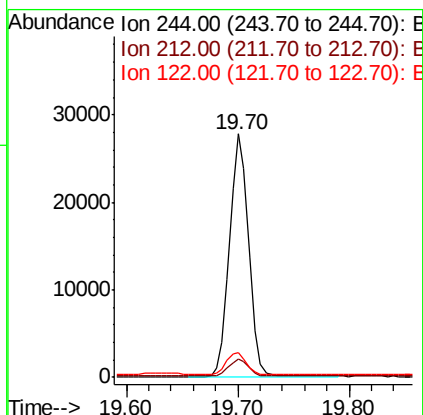
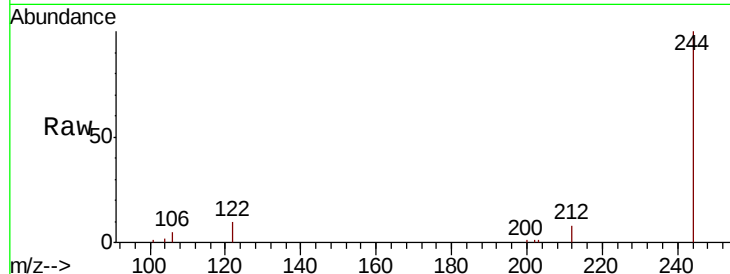




#29
 Terphenyl-d14
 Concen: 0.396 ng
 RT: 19.70 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BN007883.D
 Acq: 27 Sep 2019 12:18

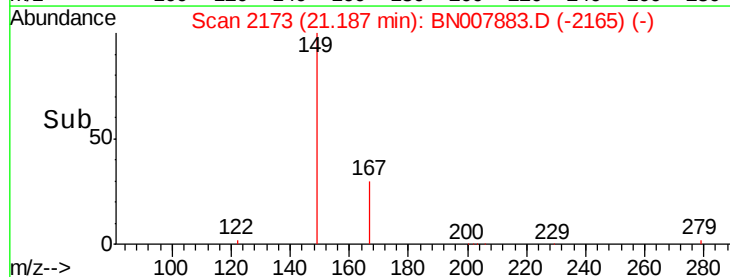
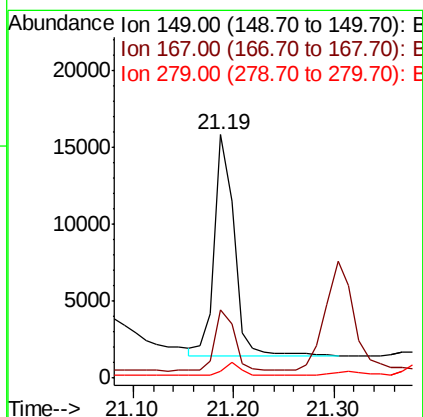
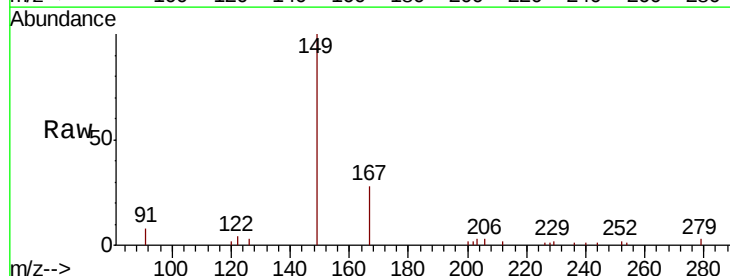
Instrument :
 BNA_N
 ClientSampleId :

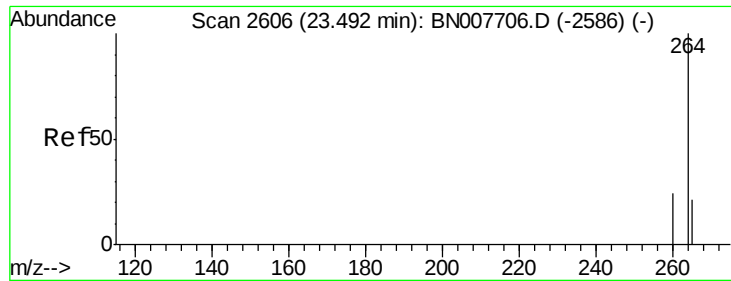
Tot Ion:244 Resp: 32961
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.4 7.4 11.2



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.306 ng
 RT: 21.19 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BN007883.D
 Acq: 27 Sep 2019 12:18

Tgt Ion:149 Resp: 19681
 Ion Ratio Lower Upper
 149 100
 167 27.8 23.7 35.5
 279 4.9 4.2 6.2

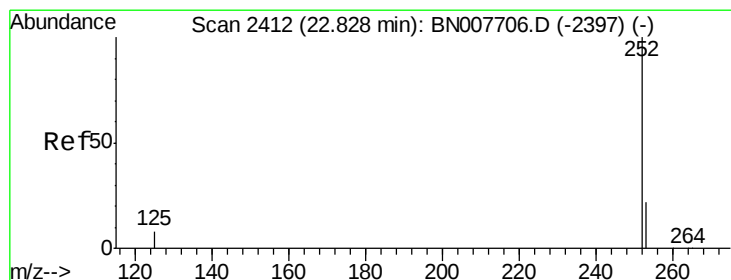
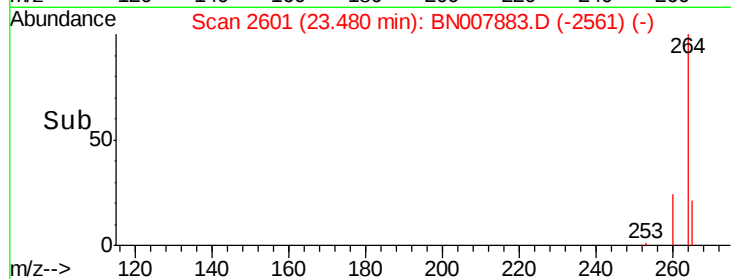
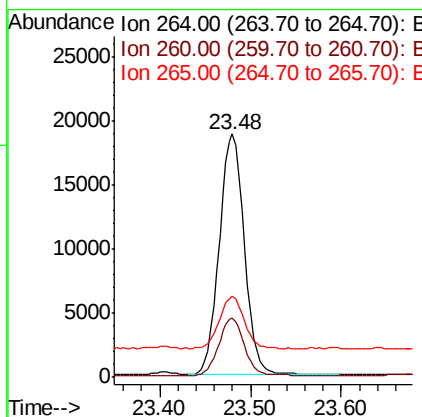
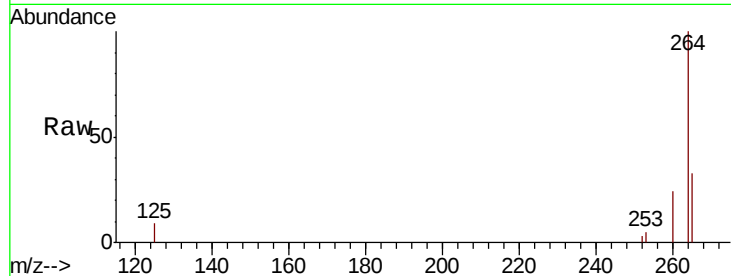




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BN007883.D
Acq: 27 Sep 2019 12:18

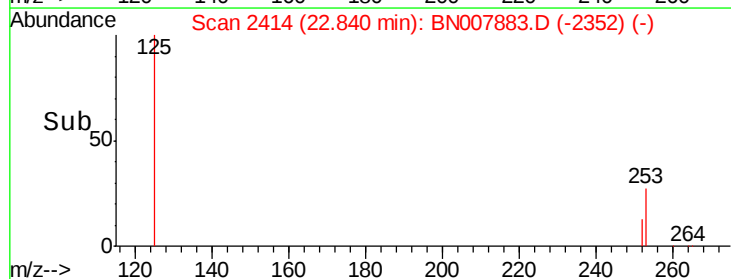
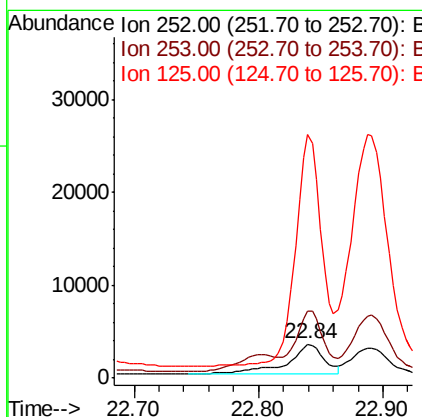
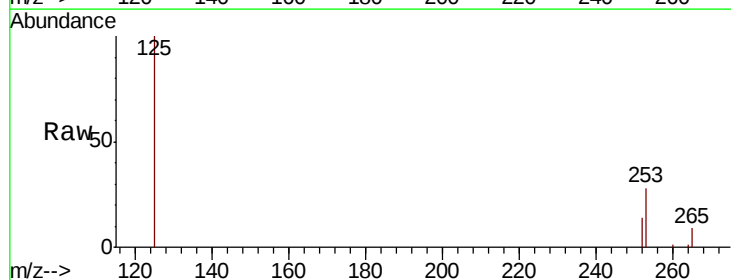
Instrument :
BNA_N
ClientSampleId :

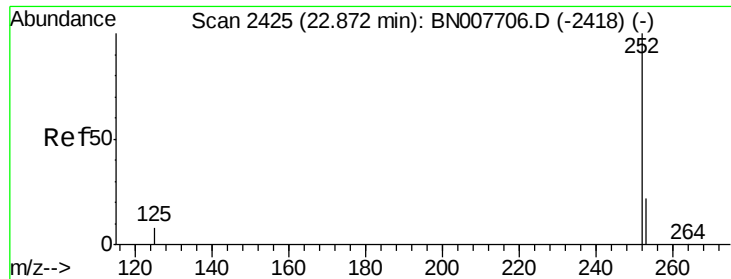
Tot Ion:264 Resp: 35963
Ion Ratio Lower Upper
264 100
260 24.5 19.3 28.9
265 33.1 26.9 40.3



#35
Benzo(b)fluoranthene
Concen: 0.053 ng
RT: 22.84 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BN007883.D
Acq: 27 Sep 2019 12:18

Tgt Ion:252 Resp: 6560
Ion Ratio Lower Upper
252 100
253 199.0 18.3 27.5#
125 721.9 8.2 12.4#

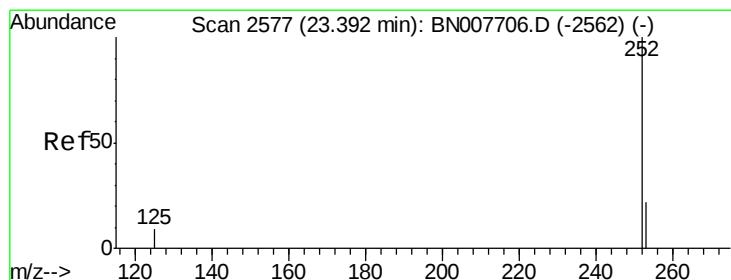
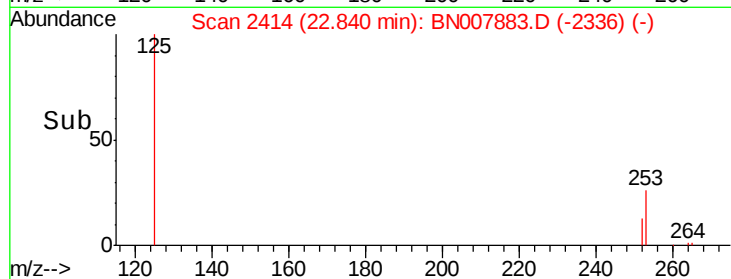
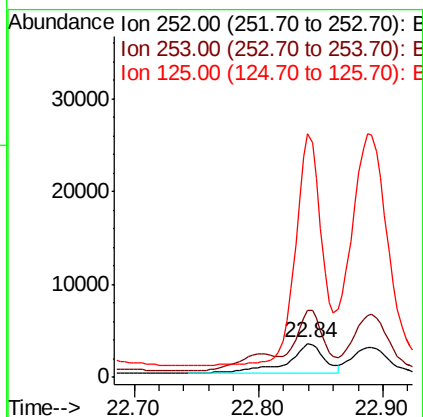
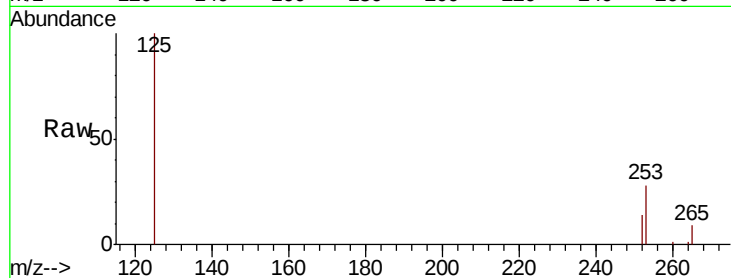




#36
Benzo(k)fluoranthene
Concen: 0.053 ng
RT: 22.84 min Scan# 2414
Delta R.T. -0.03 min
Lab File: BN007883.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 6560
Ion Ratio Lower Upper
252 100
253 199.0 18.5 27.7#
125 721.9 8.4 12.6#



#37
Benzo(a)pyrene
Concen: 0.043 ng
RT: 23.40 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BN007883.D
Acq: 27 Sep 2019 12:18

Tgt Ion:252 Resp: 5030
Ion Ratio Lower Upper
252 100
253 204.4 18.6 27.8#
125 753.9 9.4 14.0#

