

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
 Data File : BN006752.D
 Acq On : 08 Jul 2019 11:28
 Operator : HP/JU
 Sample : PB121057BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB121057BSD

Quant Time: Jul 09 03:09:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2623	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	9979	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	5551	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	12154	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	12961	0.40	ng	-0.02
34) Perylene-d12	23.47	264	14226	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2054	0.29	ng	0.00
5) Phenol-d6	6.83	99	2637	0.29	ng	0.00
8) Nitrobenzene-d5	8.79	82	2193	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	7277	0.49	ng	-0.02
14) 2,4,6-Tribromophenol	15.78	330	720	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	7576	0.35	ng	-0.02
25) Fluoranthene-d10	19.06	212	11537	0.33	ng	-0.02
29) Terphenyl-d14	19.66	244	8226	0.28	ng	-0.01

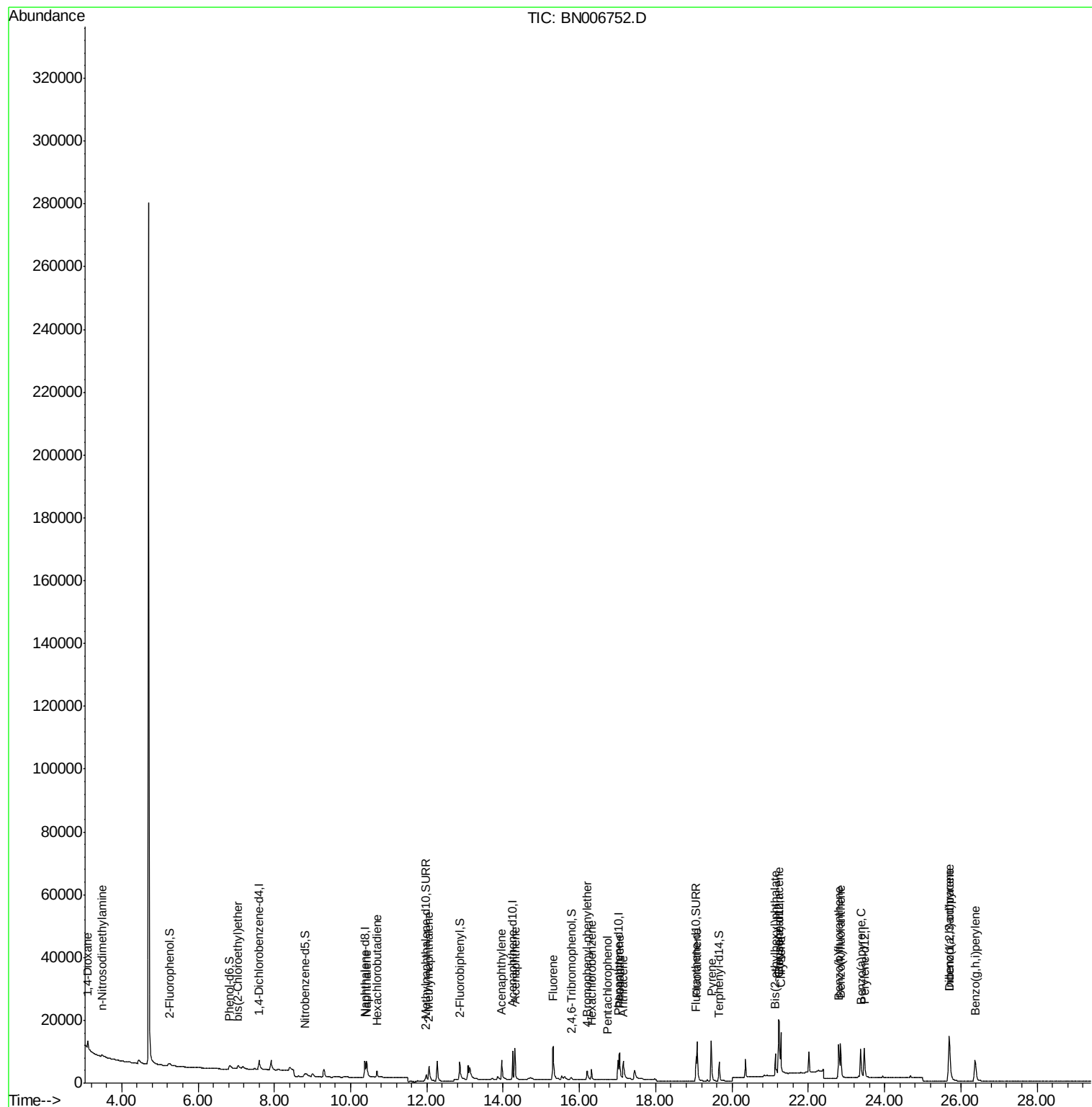
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	1457	0.355	ng	# 27
3) n-Nitrosodimethylamine	3.48	42	942	0.305	ng	# 83
6) bis(2-Chloroethyl)ether	7.05	93	2031	0.267	ng	97
9) Naphthalene	10.42	128	9363	0.343	ng	98
10) Hexachlorobutadiene	10.69	225	1855	0.336	ng	# 99
12) 2-Methylnaphthalene	12.06	142	6013	0.302	ng	98
16) Acenaphthylene	13.96	152	9007	0.326	ng	100
17) Acenaphthene	14.31	154	5989	0.339	ng	97
18) Fluorene	15.31	166	7294	0.333	ng	99
20) 4-Bromophenyl-phenylether	16.21	248	2234	0.312	ng	97
21) Hexachlorobenzene	16.32	284	3017	0.354	ng	98
22) Pentachlorophenol	16.73	266	249	0.328	ng	90
23) Phenanthrene	17.06	178	11609	0.331	ng	100
24) Anthracene	17.15	178	9570	0.302	ng	99
26) Fluoranthene	19.09	202	14088	0.342	ng	100
28) Pyrene	19.46	202	14744	0.284	ng	99
30) Benzo(a)anthracene	21.23	228	12673	0.284	ng	99
31) Chrysene	21.28	228	14584	0.317	ng	99
32) Bis(2-ethylhexyl)phthalate	21.14	149	5724	0.043	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	19536	0.355	ng	97
35) Benzo(b)fluoranthene	22.80	252	14602	0.320	ng	97
36) Benzo(k)fluoranthene	22.85	252	17525	0.354	ng	98
37) Benzo(a)pyrene	23.37	252	15215	0.344	ng	# 96
38) Dibenzo(a,h)anthracene	25.70	278	15664	0.356	ng	97
39) Benzo(g,h,i)perylene	26.38	276	17047	0.377	ng	96

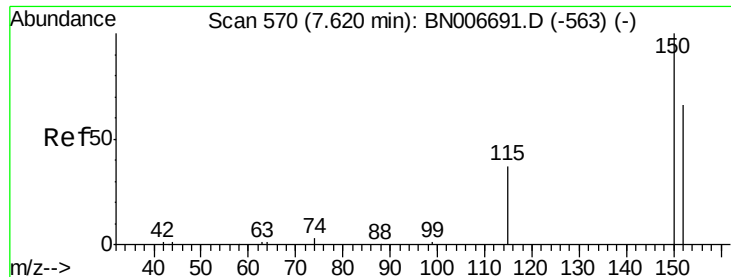
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Quant Time: Jul 08 11:59:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration



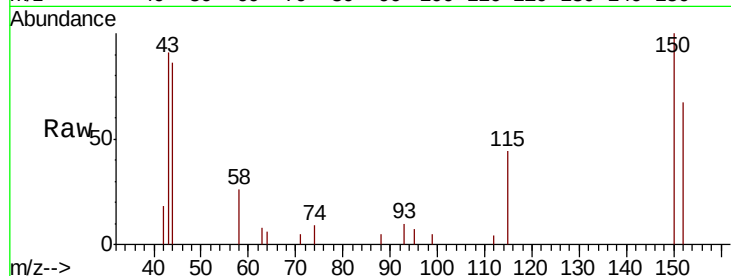


#1

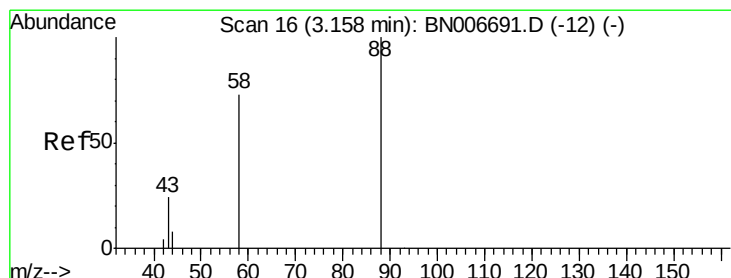
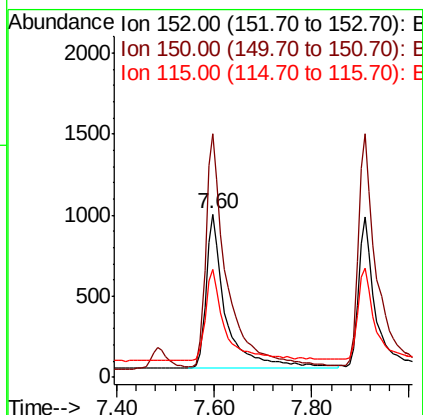
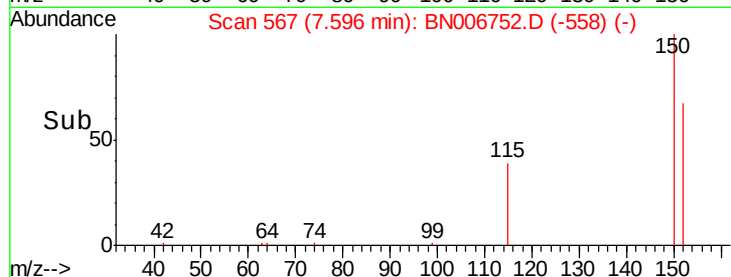
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006752.D
Acq: 08 Jul 2019 11:28

Instrument :
BNA_N
ClientSampleId :
PB121057BSD

Tgt Ion:152 Resp: 2623
Ion Ratio Lower Upper
152 100
150 149.4 120.6 181.0
115 66.0 51.0 76.6



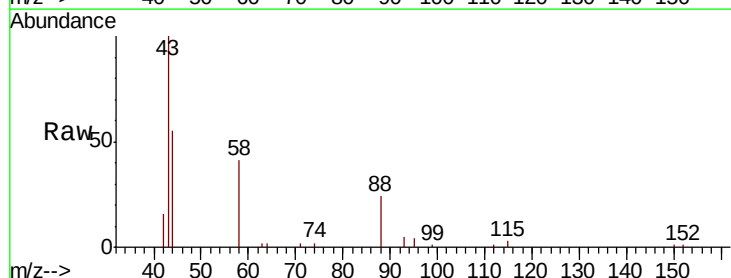
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



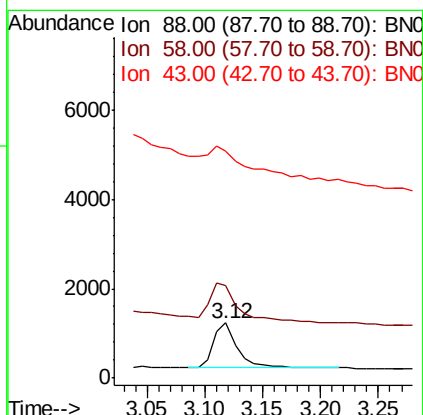
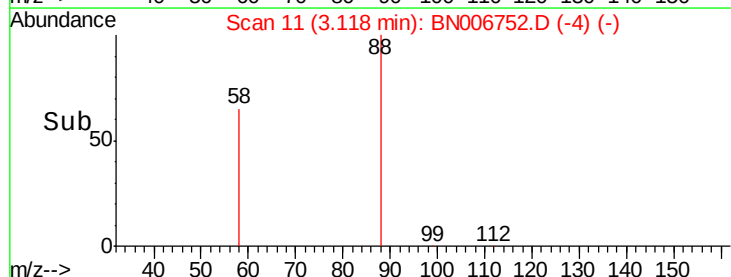
#2

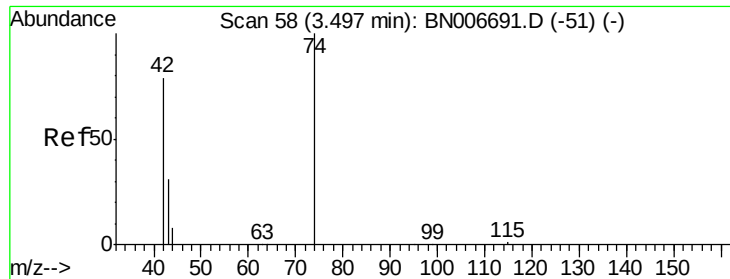
1,4-Dioxane
Concen: 0.355 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006752.D
Acq: 08 Jul 2019 11:28

Tgt Ion: 88 Resp: 1457
Ion Ratio Lower Upper
88 100
58 106.2 61.1 91.7#
43 130.9 32.4 48.6#



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: 0.305 ng

RT: 3.48 min Scan# 56

Delta R.T. -0.02 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

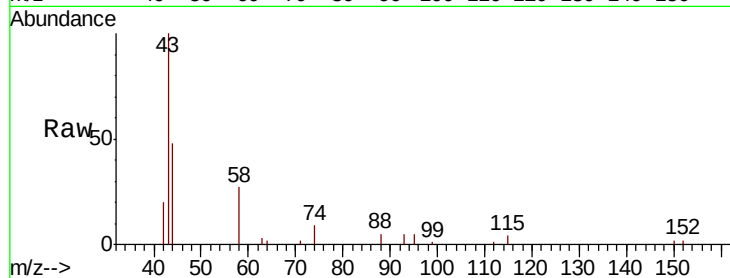
Tgt Ion: 42 Resp: 942

Ion Ratio Lower Upper

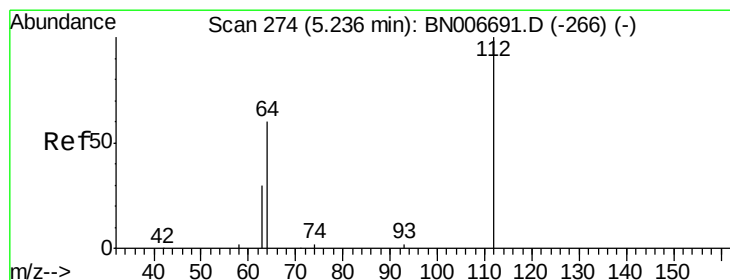
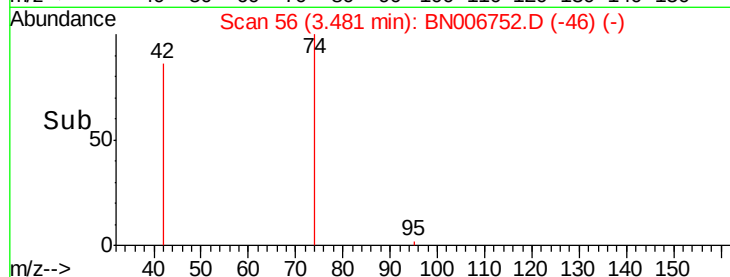
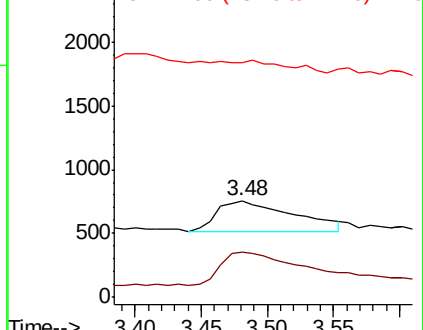
42 100

74 114.1 106.6 160.0

44 0.0 8.0 12.0#



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: 0.288 ng

RT: 5.24 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

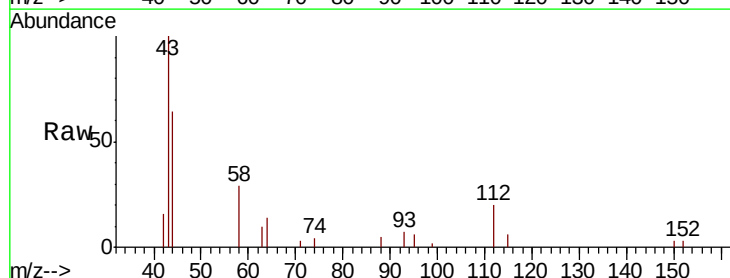
Tgt Ion: 112 Resp: 2054

Ion Ratio Lower Upper

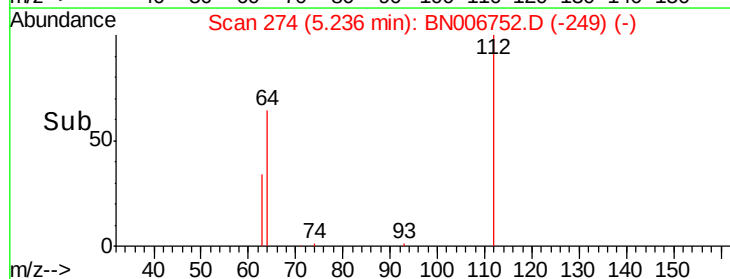
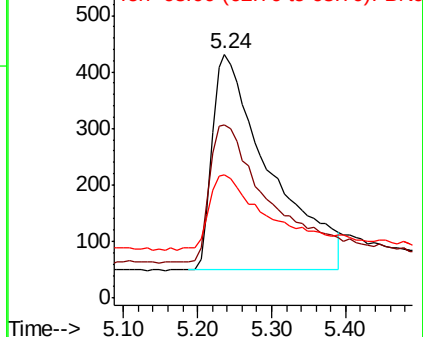
112 100

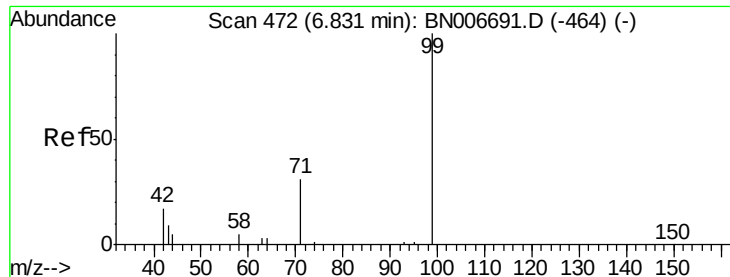
64 67.5 49.8 74.6

63 36.1 25.8 38.6



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: 0.292 ng

RT: 6.83 min Scan# 472

Delta R.T. 0.00 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

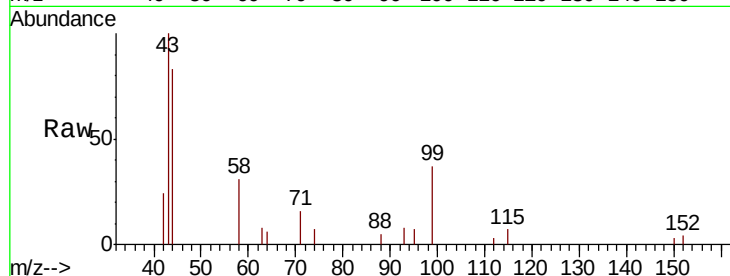
Tgt Ion: 99 Resp: 2637

Ion Ratio Lower Upper

99 100

42 25.9 16.6 25.0#

71 35.1 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006752.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006752.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006752.D (-460) (-)

6.83

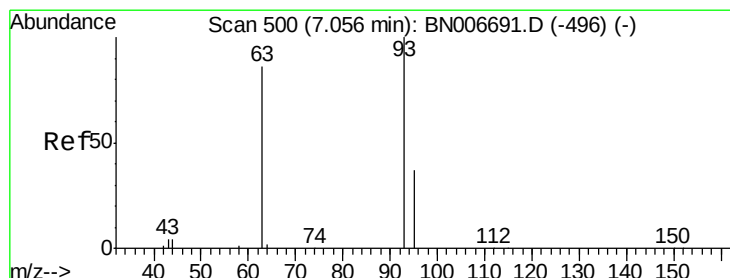
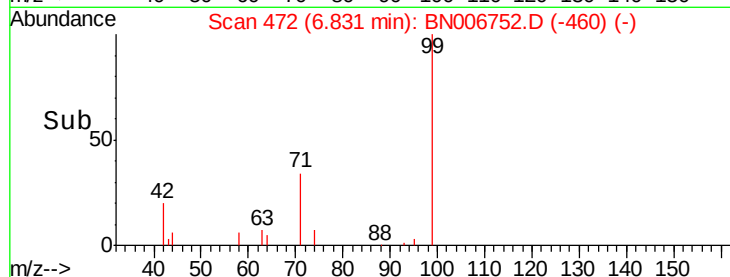
400

200

0

6.70 6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.267 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.01 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

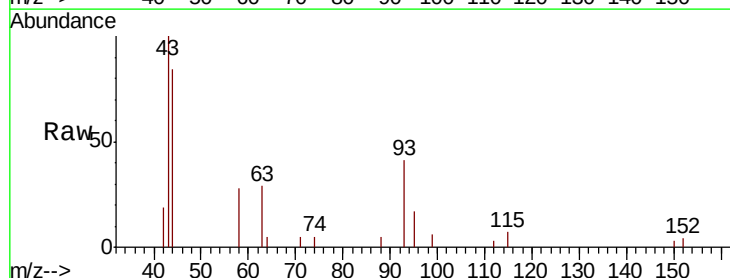
Tgt Ion: 93 Resp: 2031

Ion Ratio Lower Upper

93 100

63 72.4 58.6 87.8

95 30.9 28.3 42.5



Abundance Ion 93.00 (92.70 to 93.70): BN006752.D (-475) (-)

Ion 63.00 (62.70 to 63.70): BN006752.D (-475) (-)

Ion 95.00 (94.70 to 95.70): BN006752.D (-475) (-)

7.05

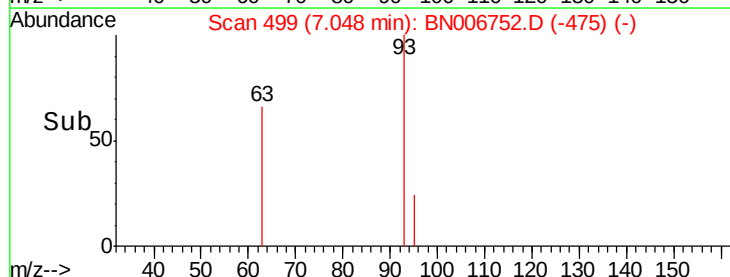
400

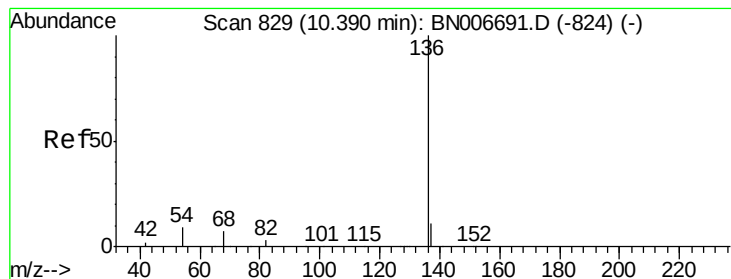
200

0

7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

Tgt Ion: 136 Resp: 9979

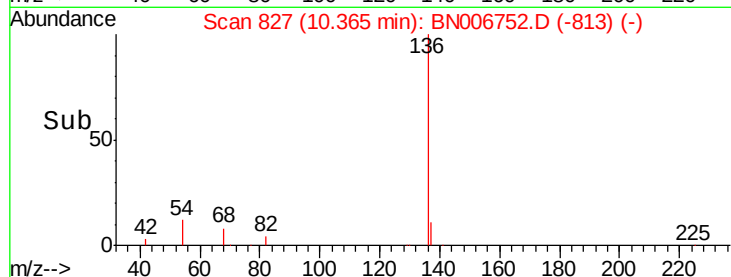
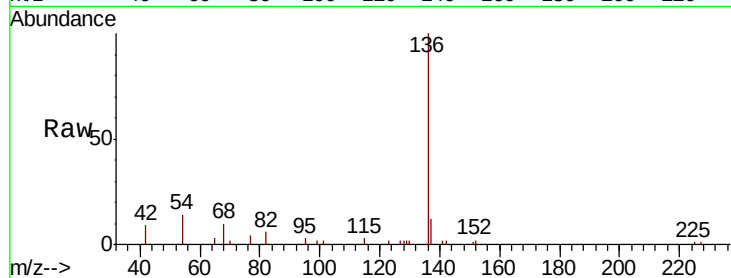
Ion Ratio Lower Upper

136 100

137 12.3 9.3 13.9

54 13.7 8.4 12.6#

68 10.3 6.8 10.2#

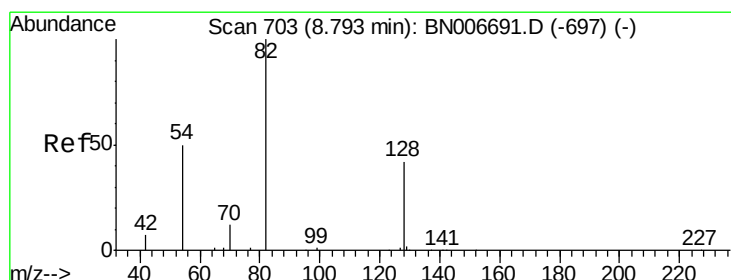
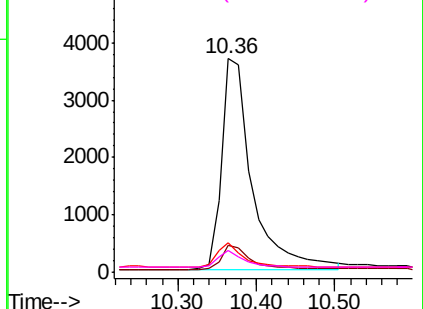


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.287 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

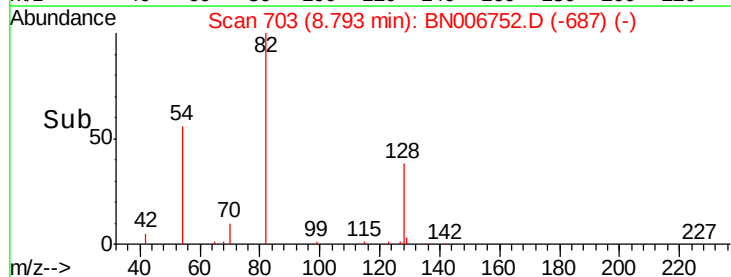
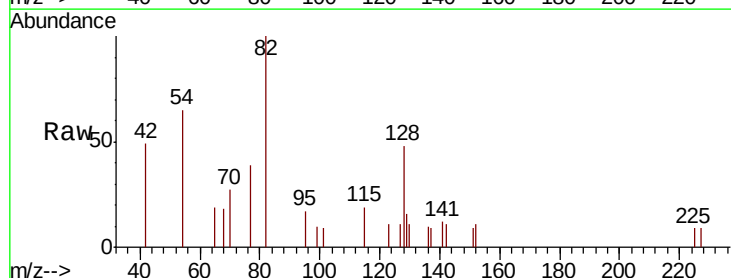
Tgt Ion: 82 Resp: 2193

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

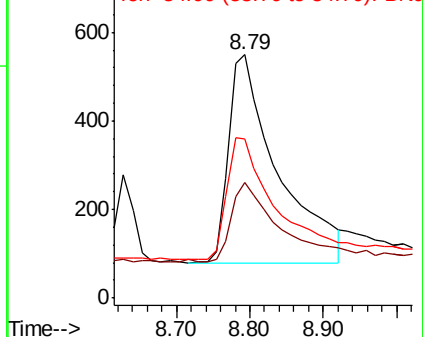
54 65.3 44.5 66.7

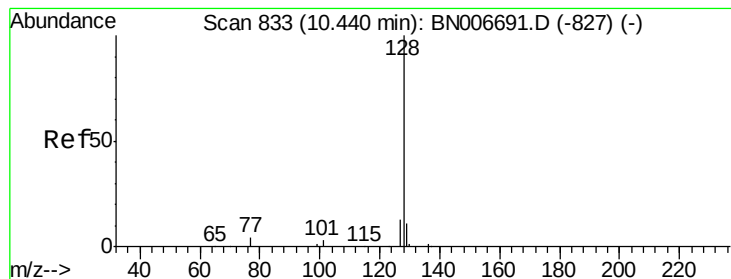


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.343 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

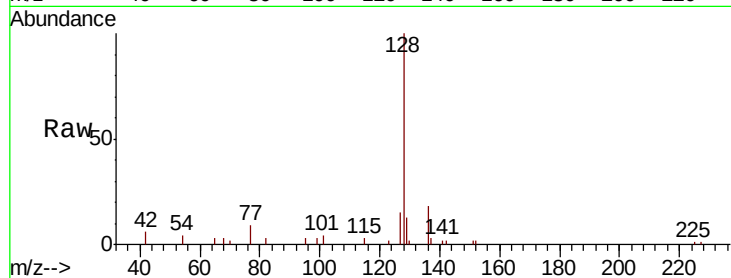
Tgt Ion:128 Resp: 9363

Ion Ratio Lower Upper

128 100

129 12.7 9.6 14.4

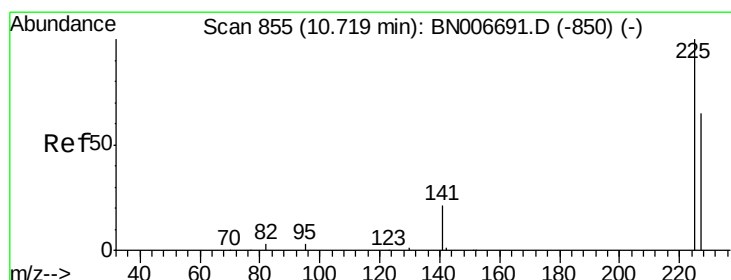
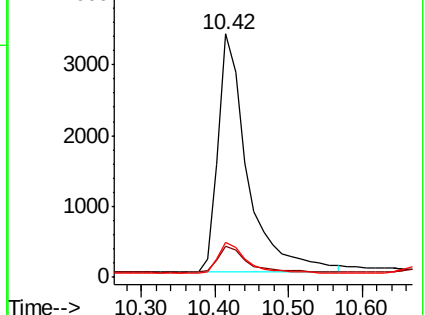
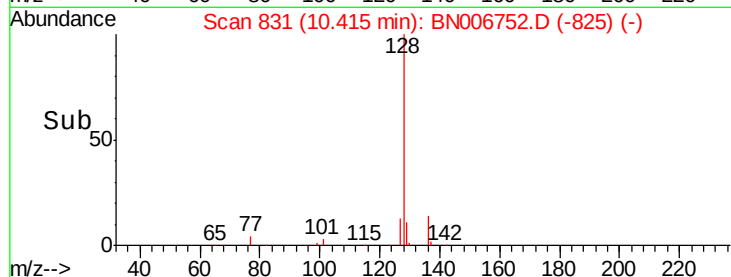
127 14.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.336 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

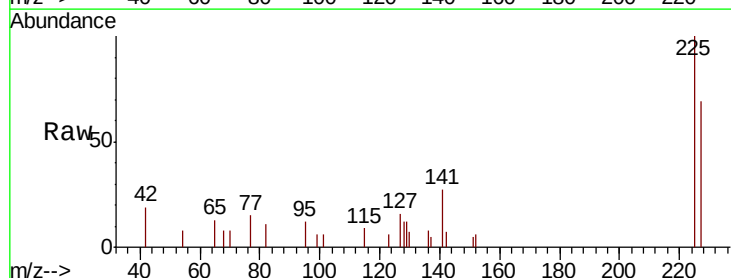
Tgt Ion:225 Resp: 1855

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

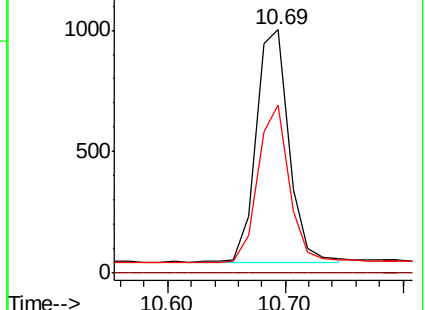
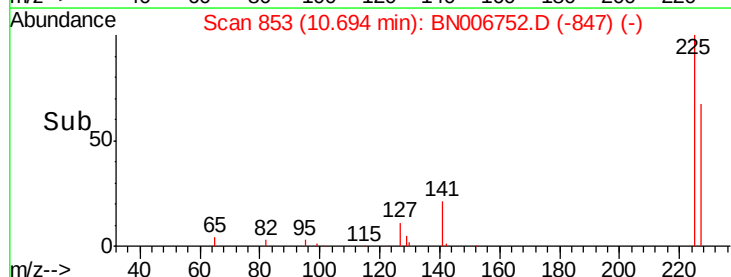
227 64.1 50.9 76.3

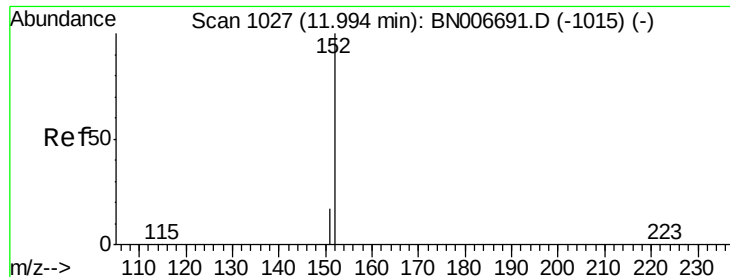


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

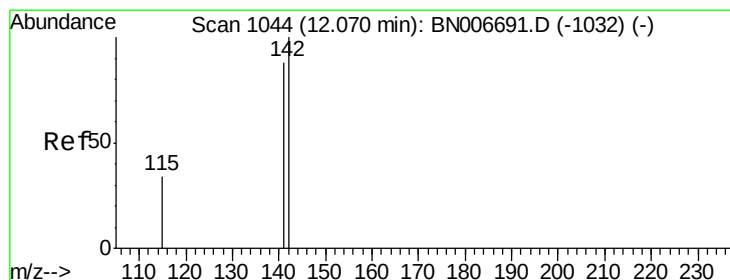
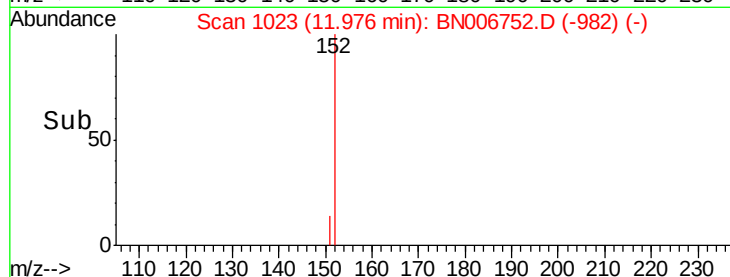
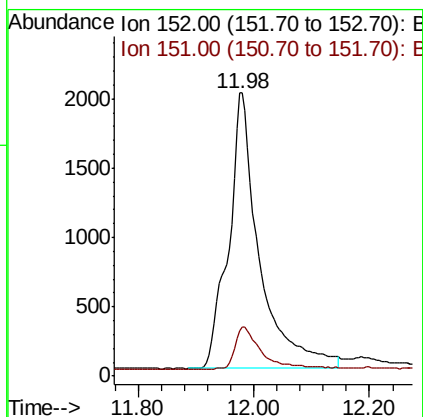
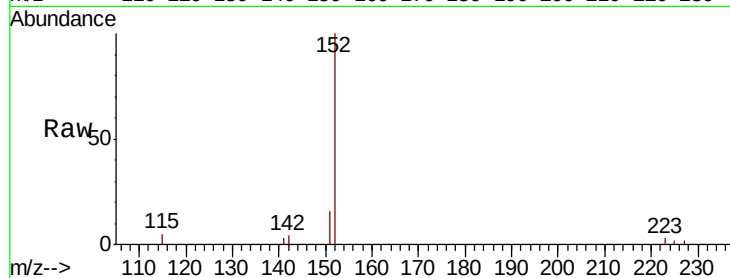




#11
2-Methylnaphthalene-d10
Concen: 0.485 ng
RT: 11.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BN006752.D
Acq: 08 Jul 2019 11:28

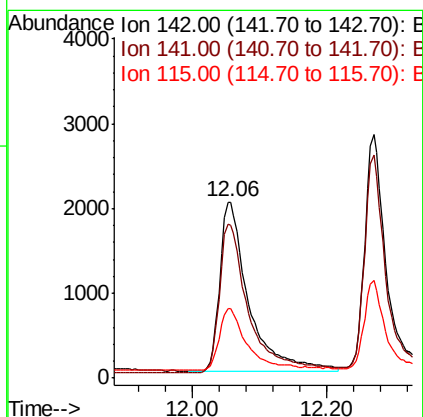
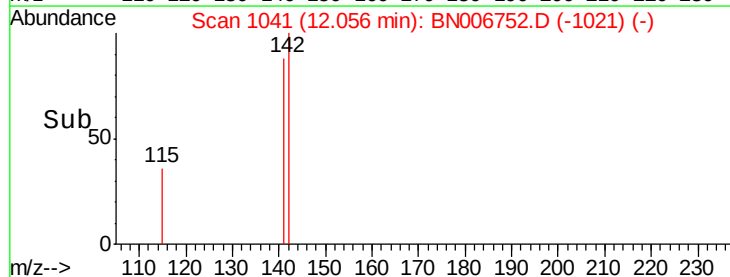
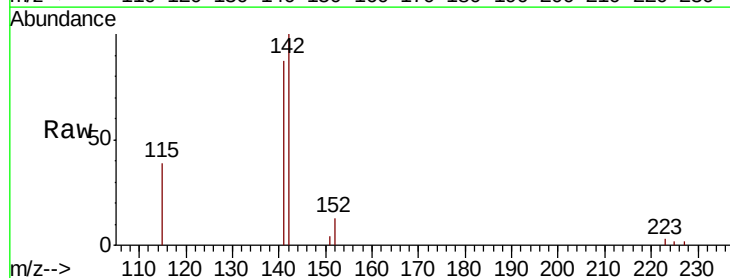
Instrument :
BNA_N
ClientSampleId :
PB121057BSD

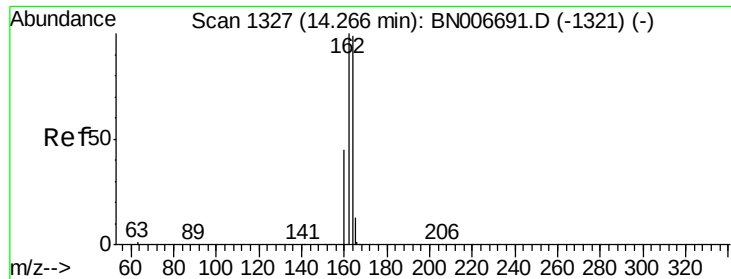
Tgt Ion:152 Resp: 7277
Ion Ratio Lower Upper
152 100
151 12.5 14.9 22.3#



#12
2-Methylnaphthalene
Concen: 0.302 ng
RT: 12.06 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BN006752.D
Acq: 08 Jul 2019 11:28

Tgt Ion:142 Resp: 6013
Ion Ratio Lower Upper
142 100
141 87.1 70.3 105.5
115 39.2 28.9 43.3

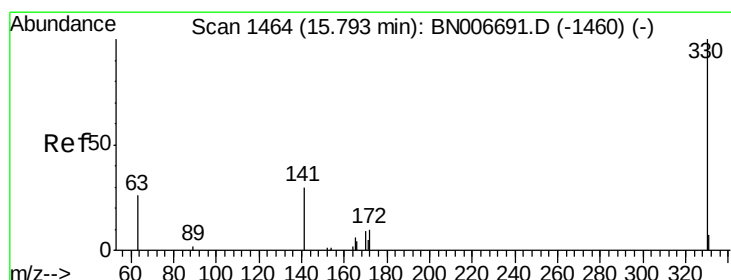
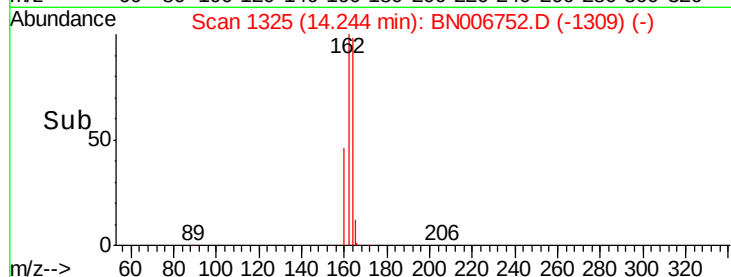
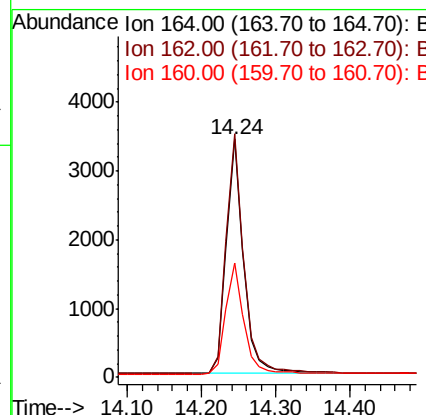
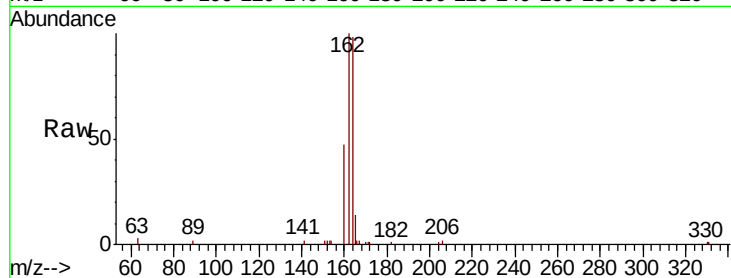




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.24 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BN006752.D
 Acq: 08 Jul 2019 11:28

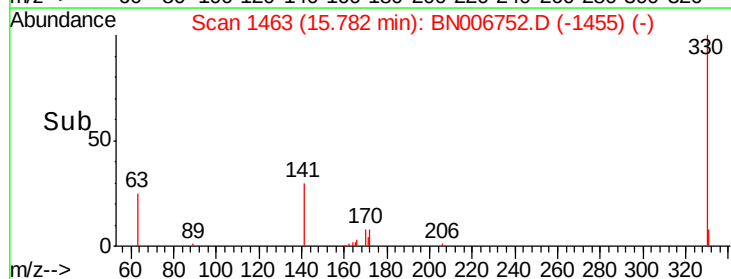
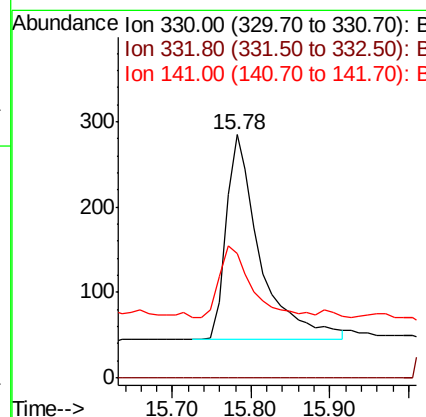
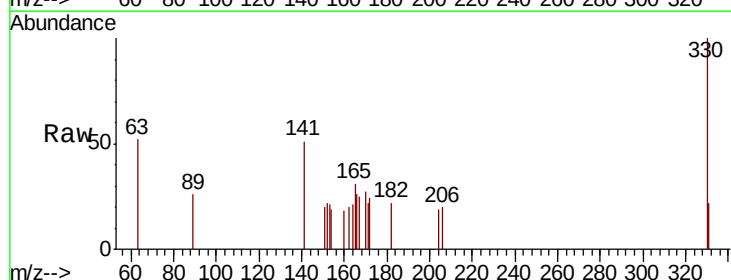
Instrument :
 BNA_N
 ClientSampleId :
 PB121057BSD

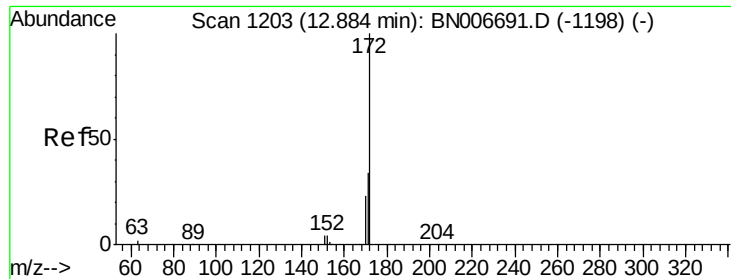
Tgt Ion:164 Resp: 5551
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.8 121.2
 160 48.0 37.0 55.6



#14
 2,4,6-Tribromophenol
 Concen: 0.264 ng
 RT: 15.78 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BN006752.D
 Acq: 08 Jul 2019 11:28

Tgt Ion:330 Resp: 720
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.0 24.8 37.2

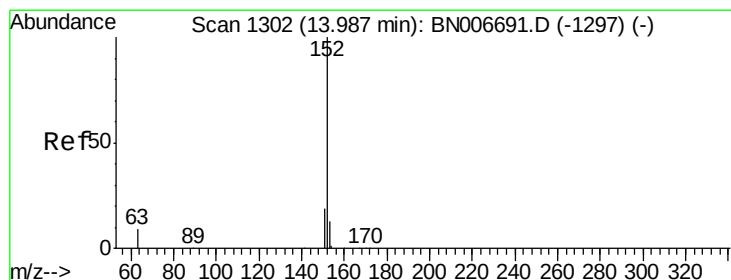
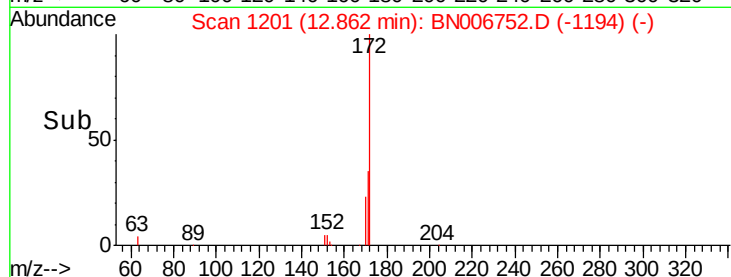
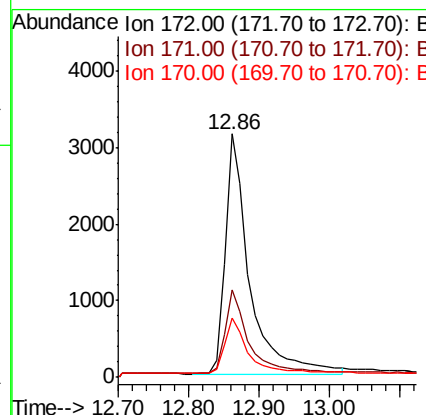
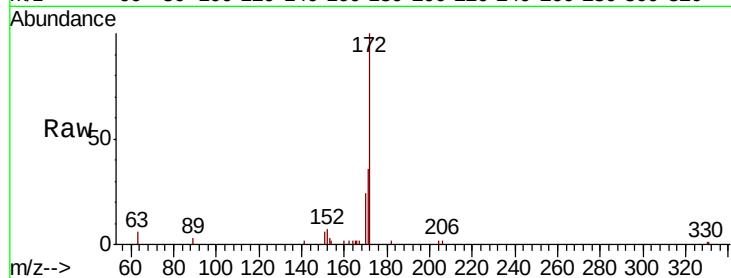




#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006752.D
Acq: 08 Jul 2019 11:28

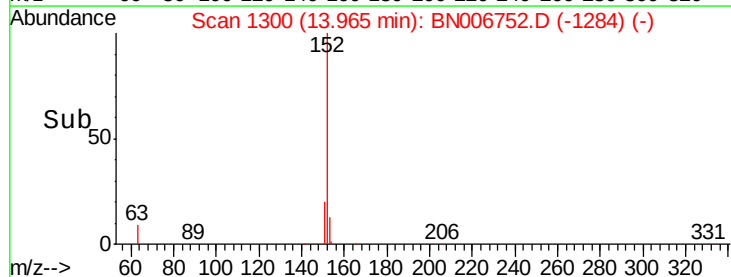
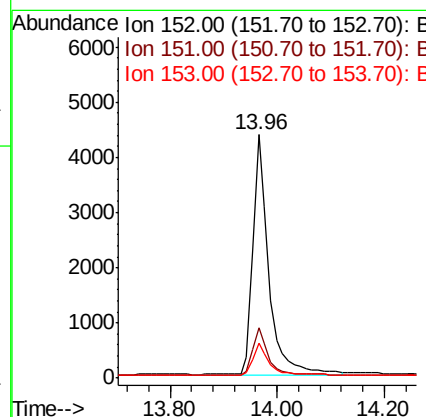
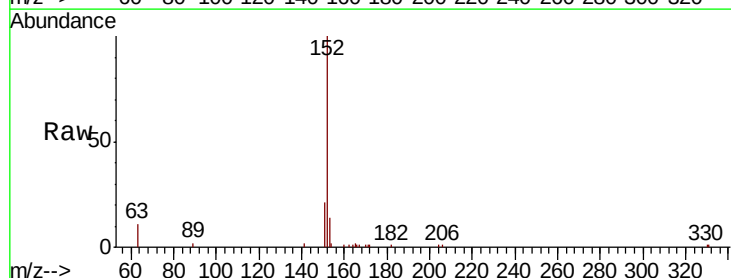
Instrument :
BNA_N
ClientSampleId :
PB121057BSD

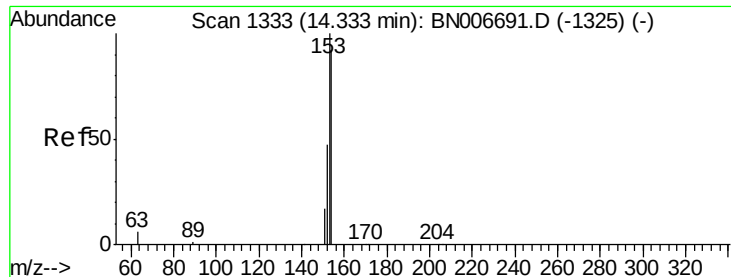
Tgt Ion:172 Resp: 7576
Ion Ratio Lower Upper
172 100
171 36.0 27.8 41.6
170 24.3 18.9 28.3



#16
Acenaphthylene
Concen: 0.326 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006752.D
Acq: 08 Jul 2019 11:28

Tgt Ion:152 Resp: 9007
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 12.9 10.6 15.8





#17

Acenaphthene

Concen: 0.339 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

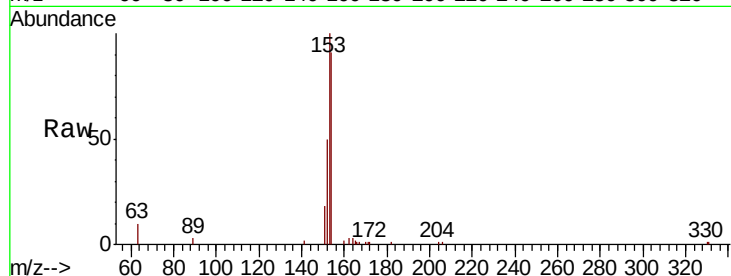
Tgt Ion:154 Resp: 5989

Ion Ratio Lower Upper

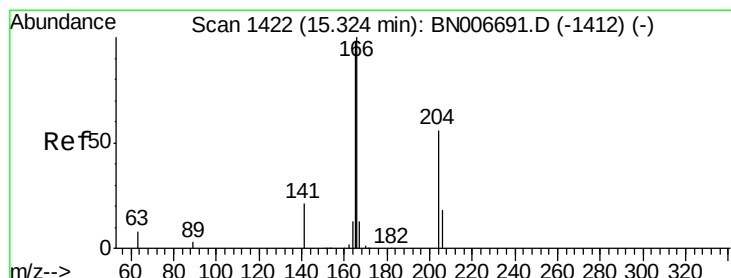
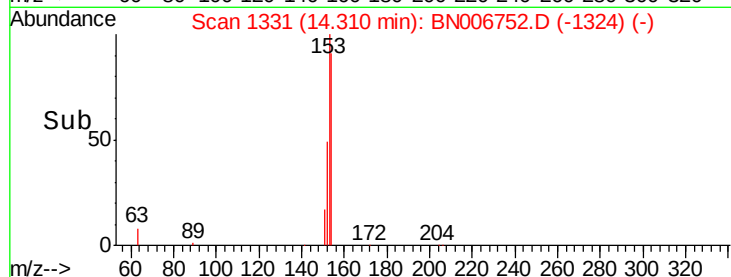
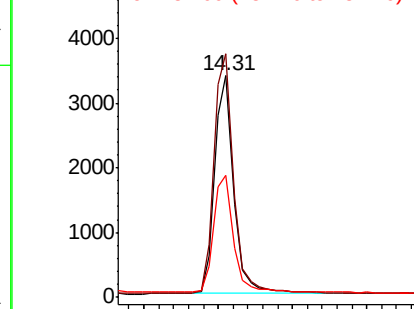
154 100

153 114.2 88.9 133.3

152 55.6 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.333 ng

RT: 15.31 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

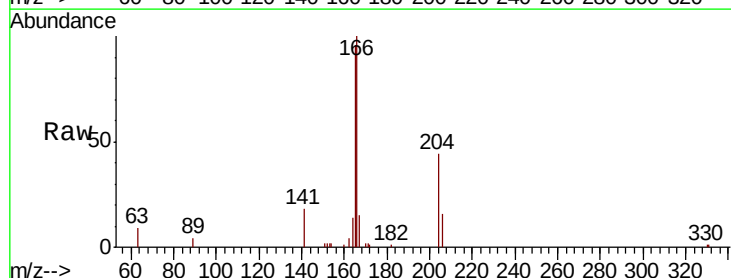
Tgt Ion:166 Resp: 7294

Ion Ratio Lower Upper

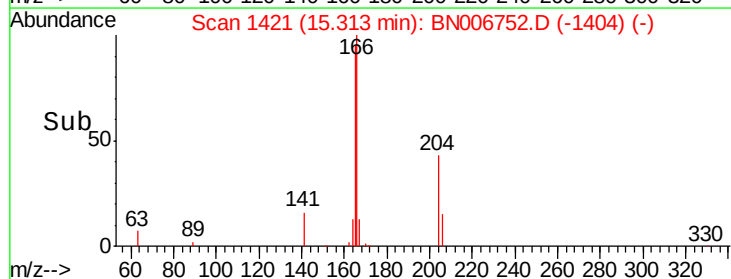
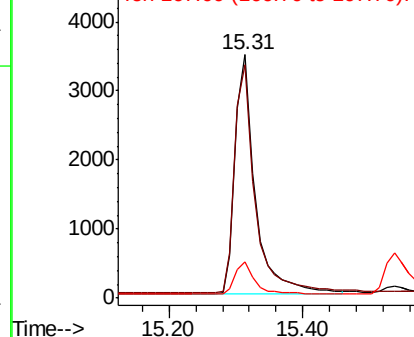
166 100

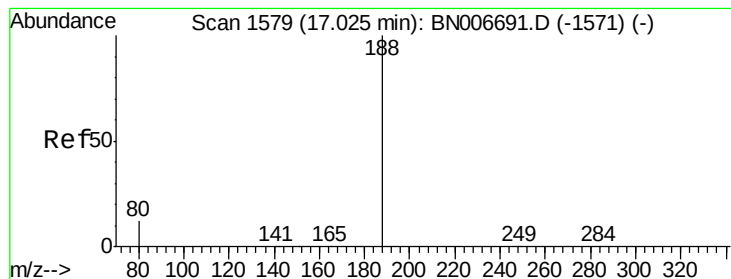
165 96.9 78.0 117.0

167 13.6 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.01 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

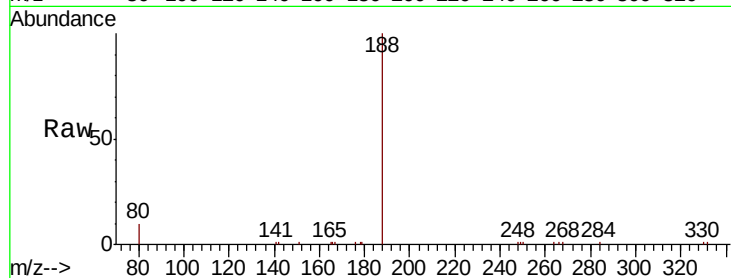
Tgt Ion:188 Resp: 12154

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

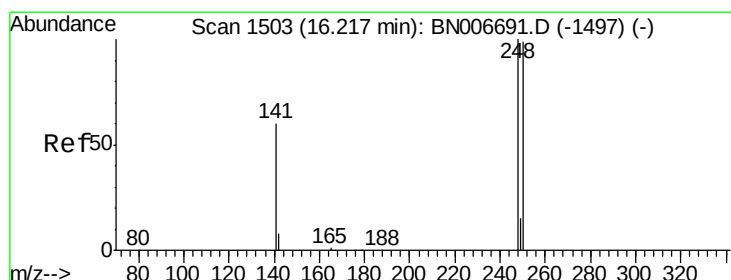
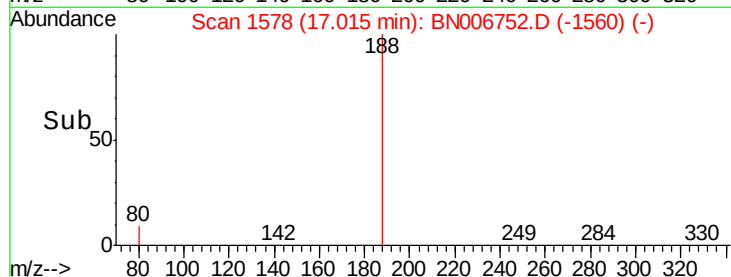
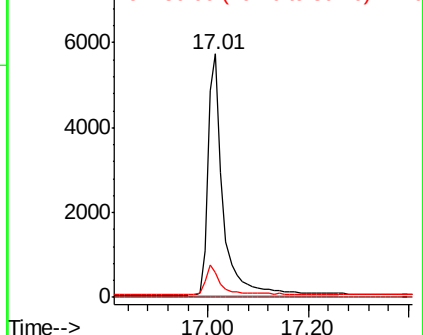
80 10.4 10.3 15.5



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



#20

4-Bromophenyl-phenylether

Concen: 0.312 ng

RT: 16.21 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

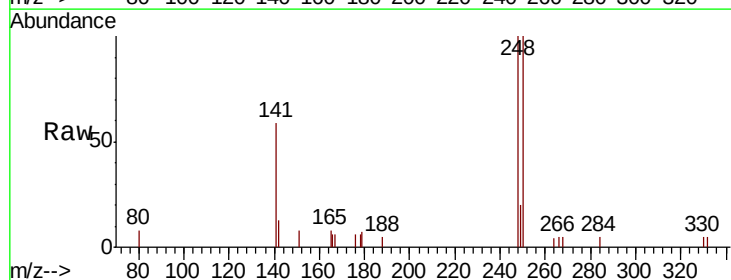
Tgt Ion:248 Resp: 2234

Ion Ratio Lower Upper

248 100

250 99.8 79.0 118.6

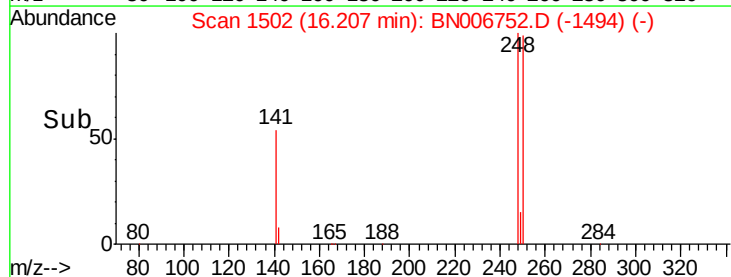
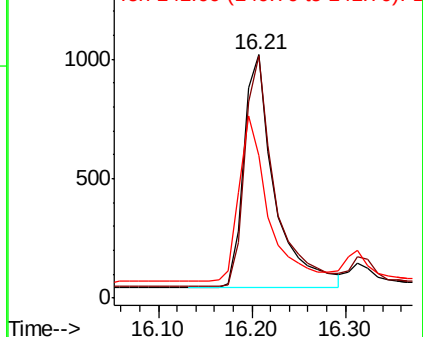
141 58.7 50.2 75.4

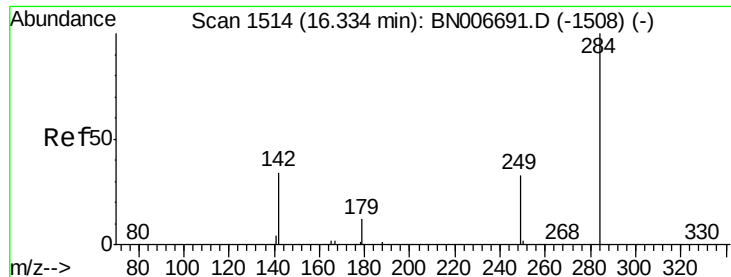


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.354 ng

RT: 16.32 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

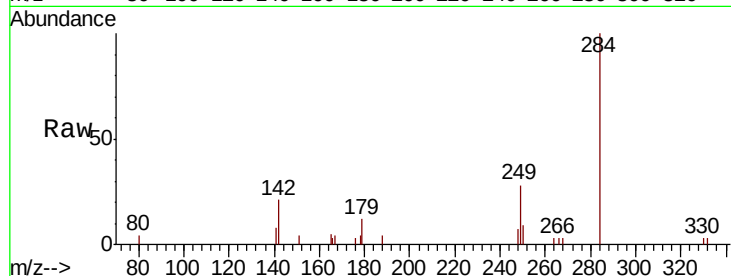
Instrument :

BNA_N

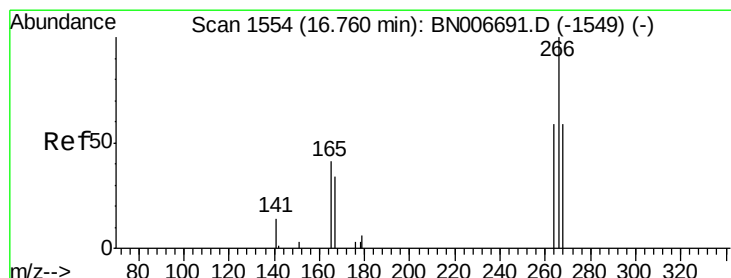
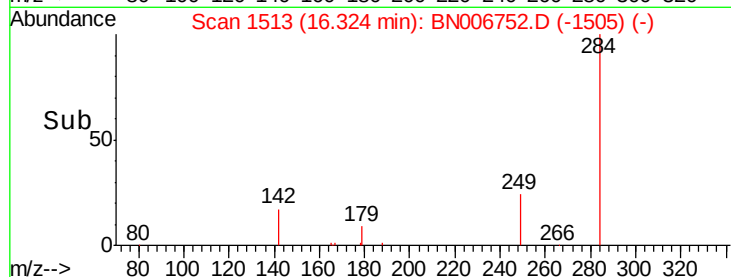
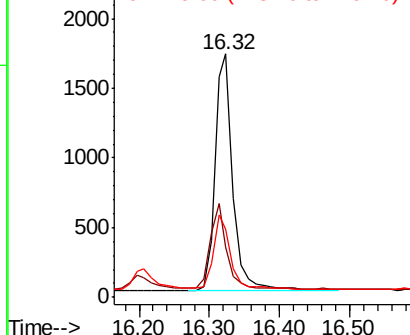
ClientSampleId :

PB121057BSD

Tgt Ion:	284	Resp:	3017
Ion	Ratio	Lower	Upper
284	100		
142	32.0	26.9	40.3
249	30.3	24.4	36.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.328 ng

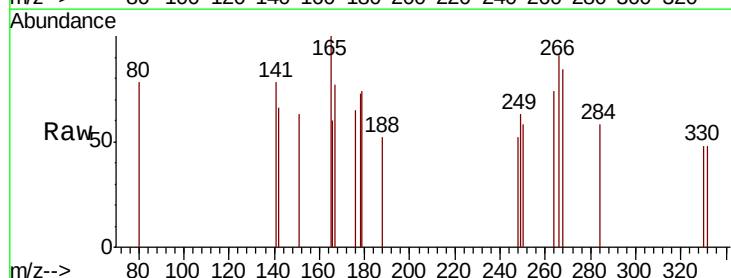
RT: 16.73 min Scan# 1551

Delta R.T. -0.03 min

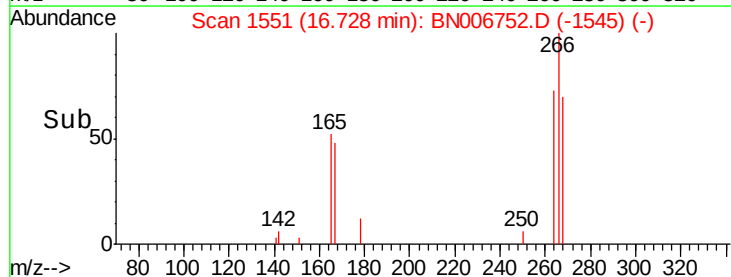
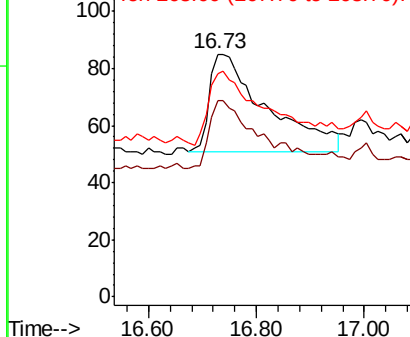
Lab File: BN006752.D

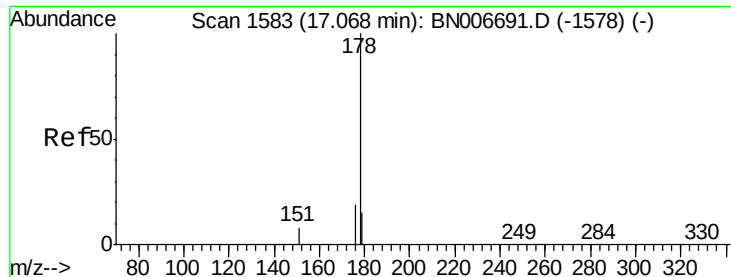
Acq: 08 Jul 2019 11:28

Tgt Ion:	266	Resp:	249
Ion	Ratio	Lower	Upper
266	100		
264	81.2	57.6	86.4
268	91.8	66.6	99.8



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





#23

Phenanthrene

Concen: 0.331 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

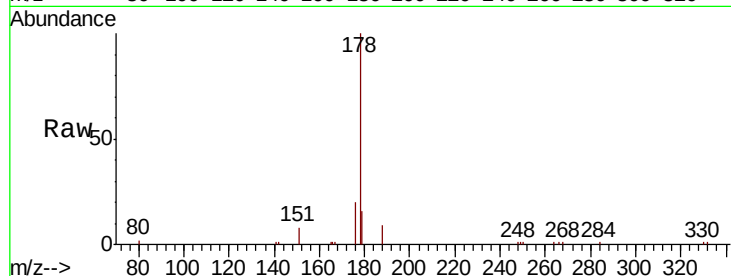
Tgt Ion:178 Resp: 11609

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.8 12.4 18.6

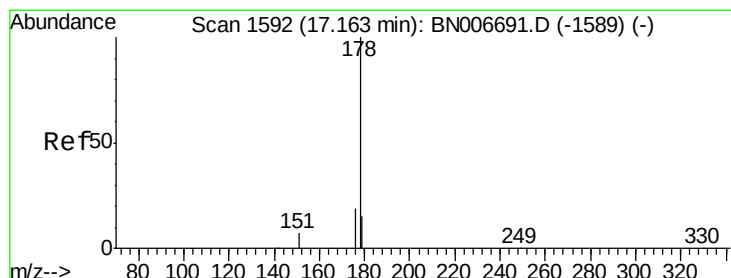
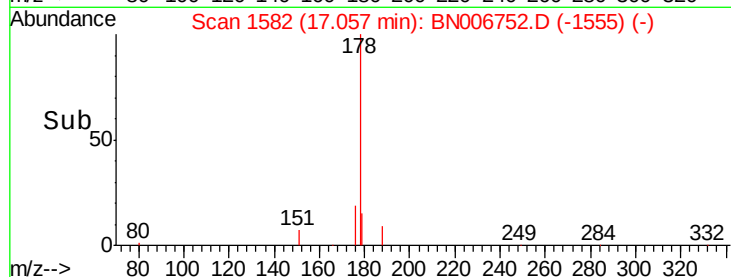
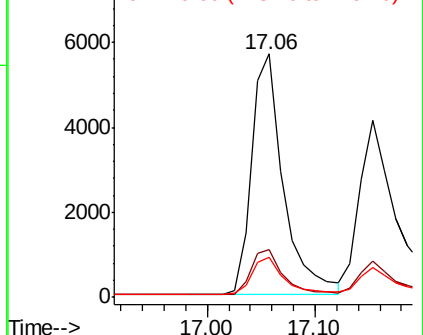


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.302 ng

RT: 17.15 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

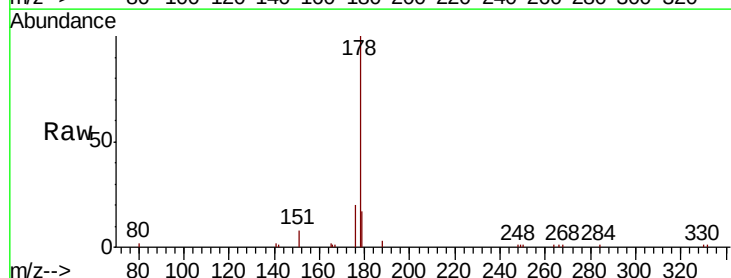
Tgt Ion:178 Resp: 9570

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.7 11.9 17.9

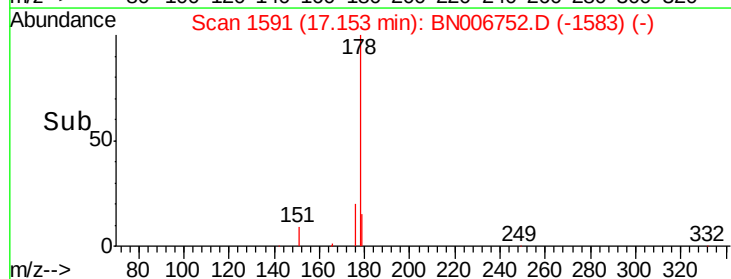
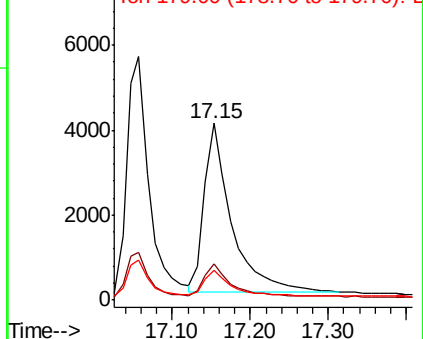


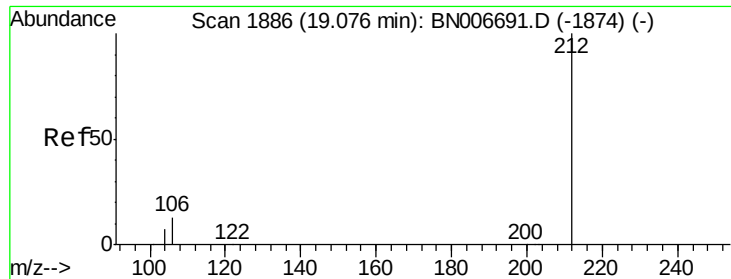
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

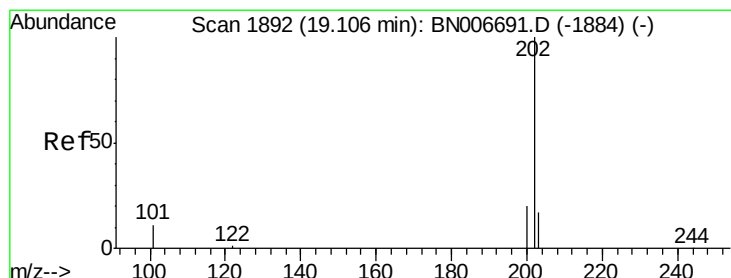
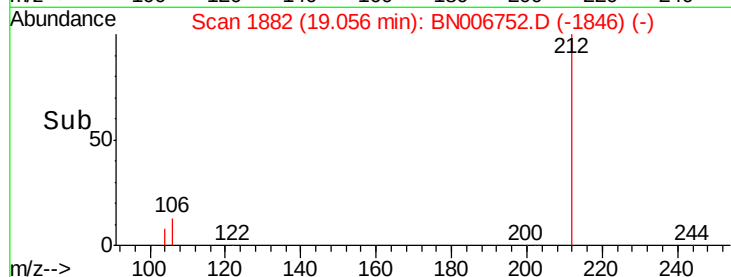
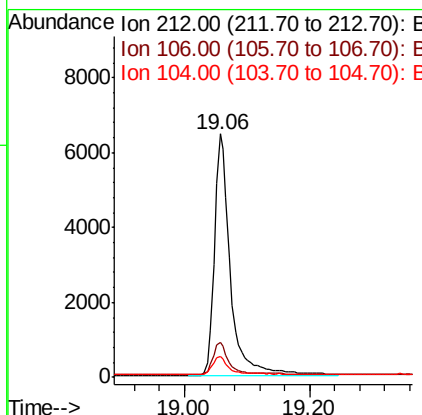
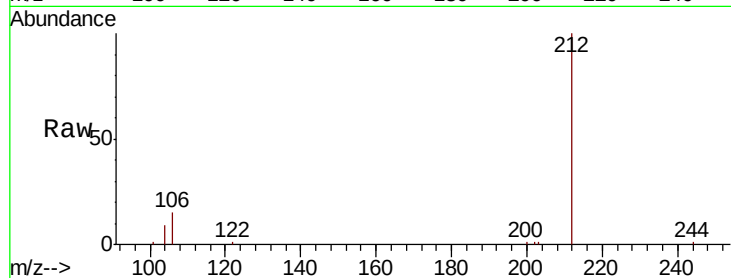




#25
 Fluoranthene-d10
 Concen: 0.332 ng
 RT: 19.06 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: BN006752.D
 Acq: 08 Jul 2019 11:28

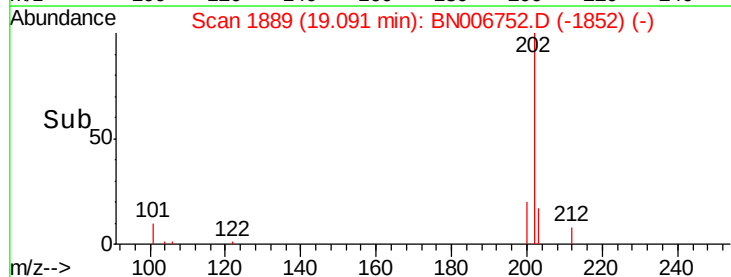
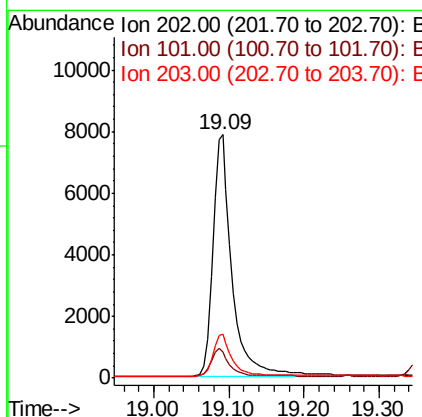
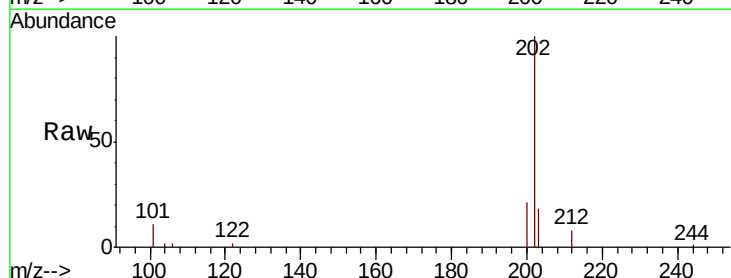
Instrument :
 BNA_N
 ClientSampleId :
 PB121057BSD

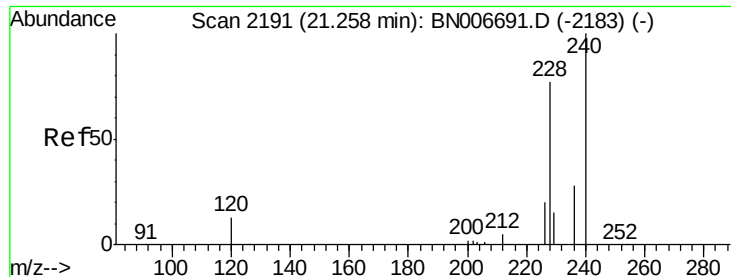
Tgt Ion: 212 Resp: 11537
 Ion Ratio Lower Upper
 212 100
 106 13.2 11.0 16.6
 104 7.1 6.1 9.1



#26
 Fluoranthene
 Concen: 0.342 ng
 RT: 19.09 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BN006752.D
 Acq: 08 Jul 2019 11:28

Tgt Ion: 202 Resp: 14088
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.7 13.1
 203 17.2 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

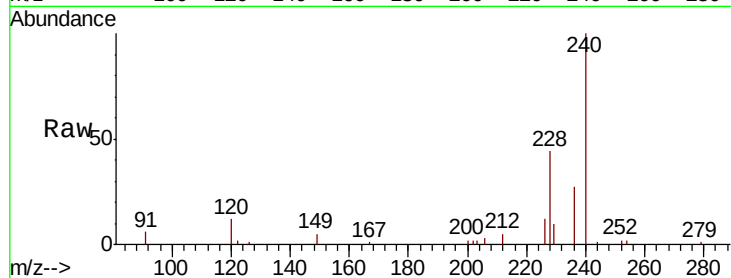
Tgt Ion:240 Resp: 12961

Ion Ratio Lower Upper

240 100

120 11.9 12.9 19.3#

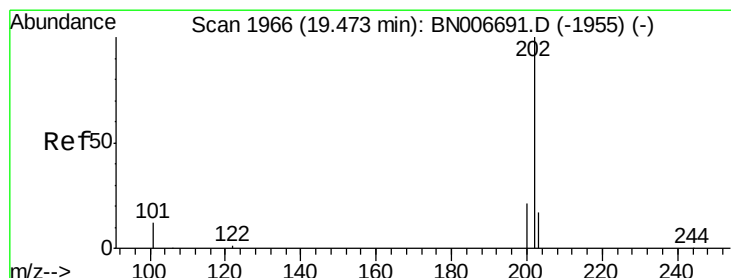
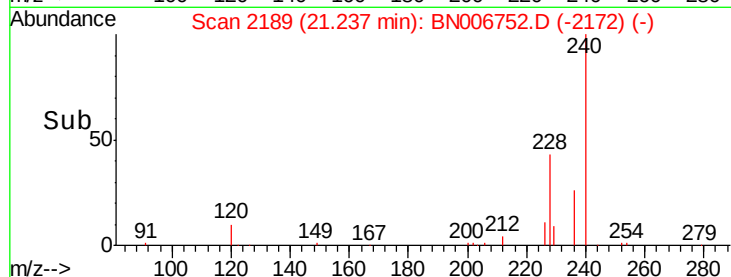
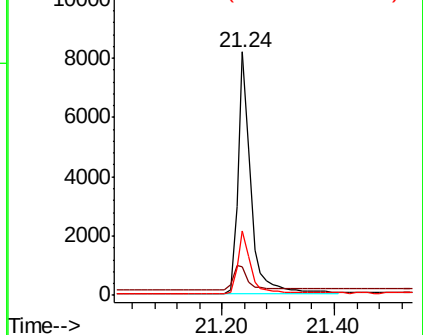
236 26.6 23.2 34.8



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



#28

Pyrene

Concen: 0.284 ng

RT: 19.46 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

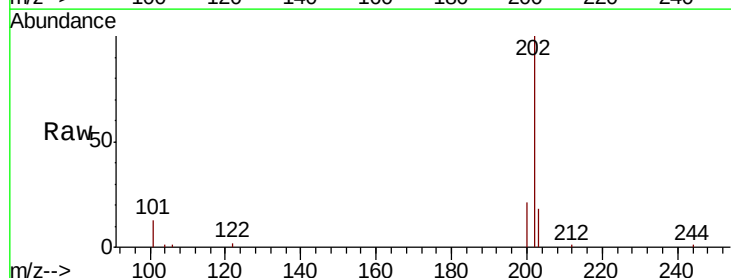
Tgt Ion:202 Resp: 14744

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

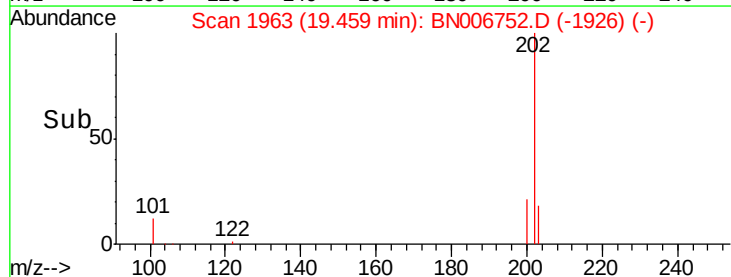
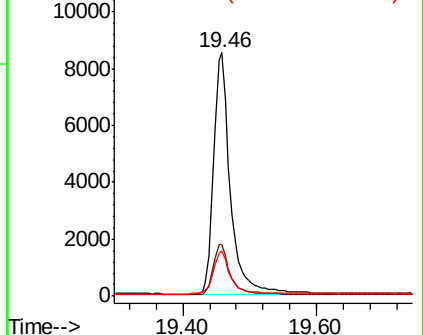
203 18.3 14.2 21.2

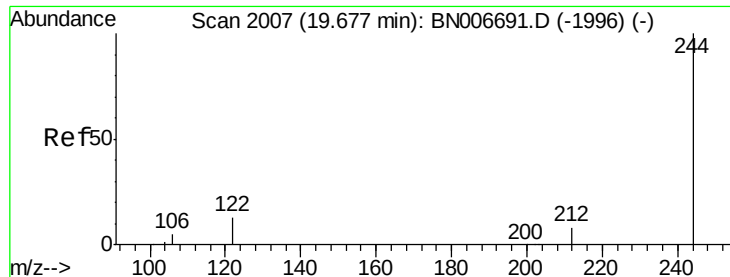


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.276 ng

RT: 19.66 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

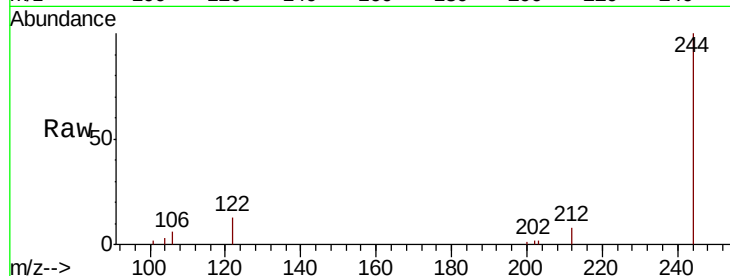
Tgt Ion:244 Resp: 8226

Ion Ratio Lower Upper

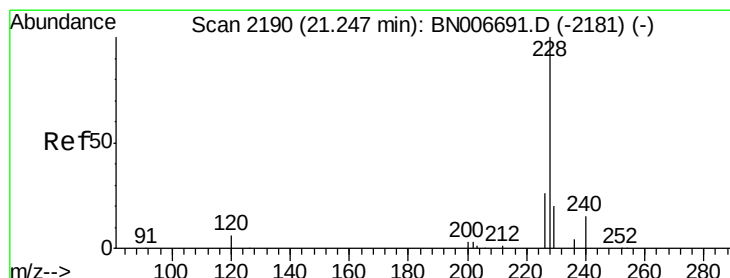
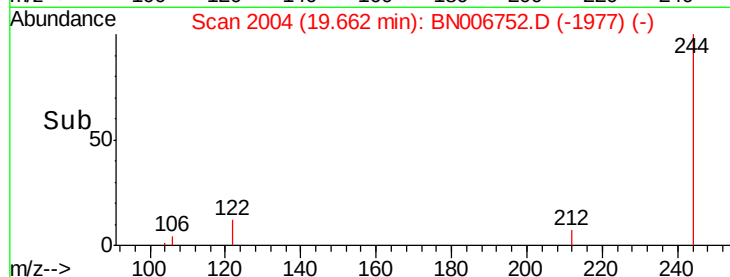
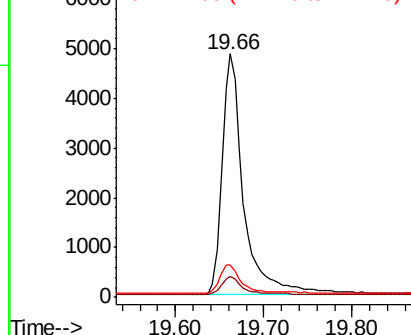
244 100

212 8.3 7.0 10.4

122 13.5 11.5 17.3



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



#30

Benzo(a)anthracene

Concen: 0.284 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

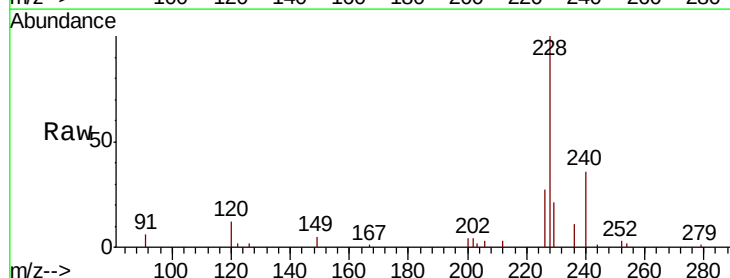
Tgt Ion:228 Resp: 12673

Ion Ratio Lower Upper

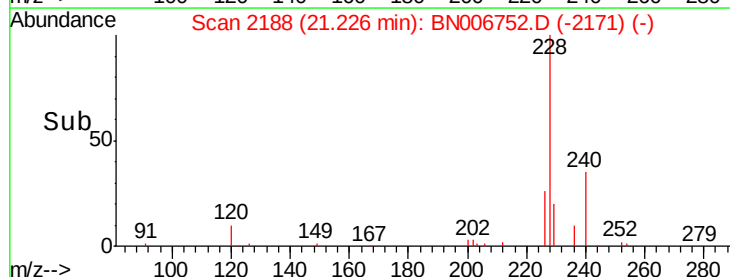
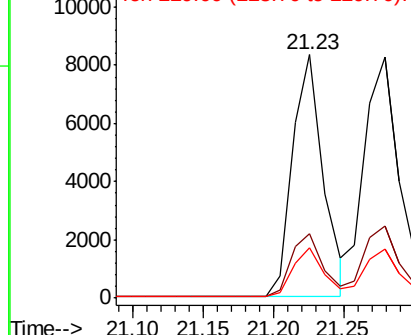
228 100

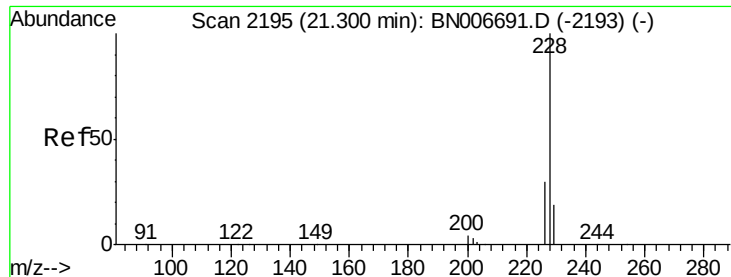
226 26.7 21.5 32.3

229 20.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.317 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

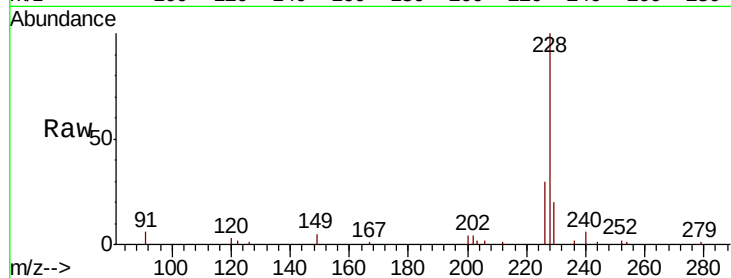
Tgt Ion:228 Resp: 14584

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

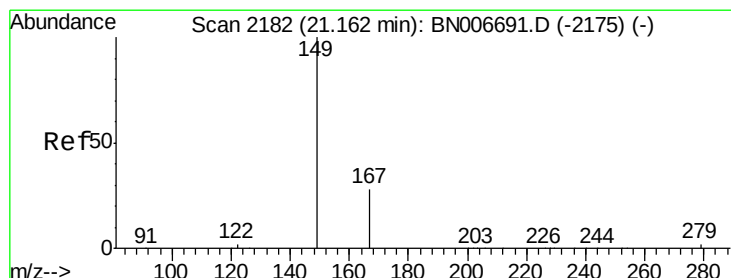
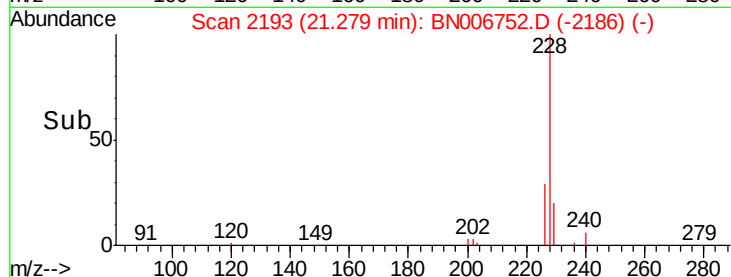
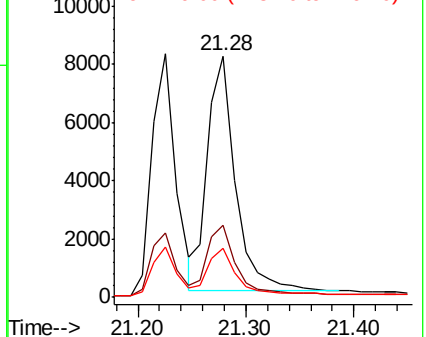
229 20.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.043 ng

RT: 21.14 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

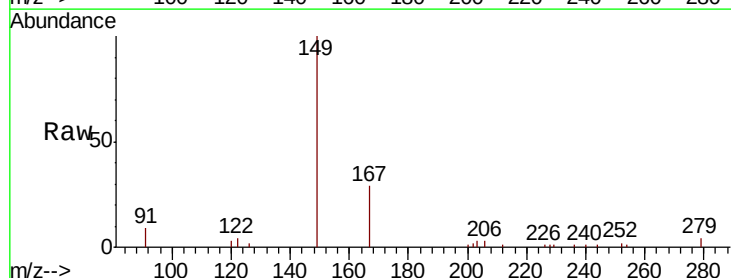
Tgt Ion:149 Resp: 5724

Ion Ratio Lower Upper

149 100

167 27.8 22.9 34.3

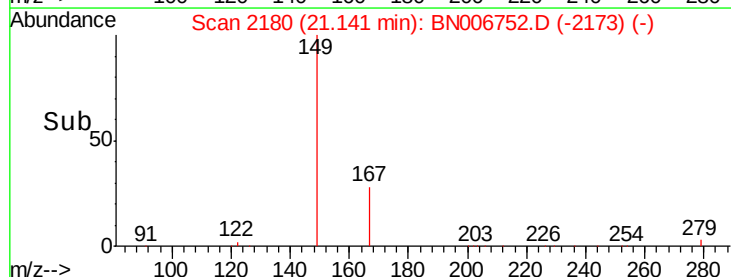
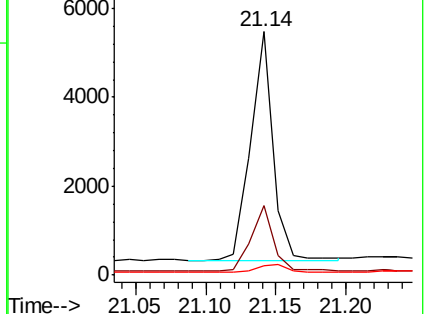
279 4.4 3.2 4.8

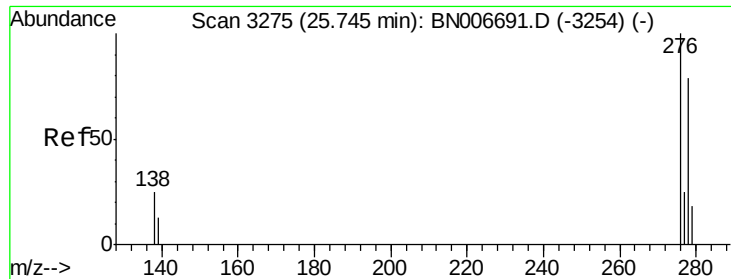


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

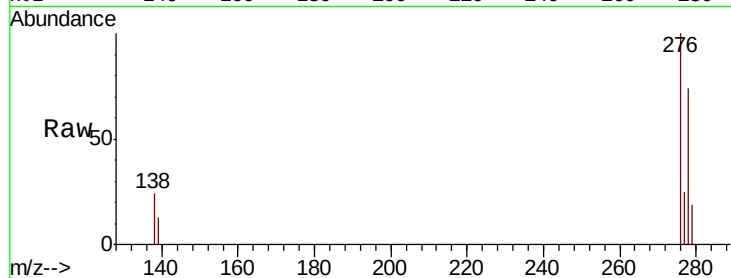




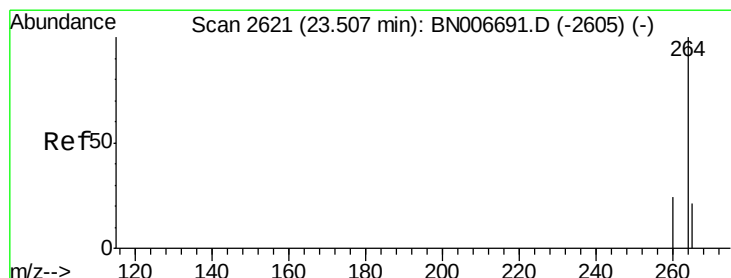
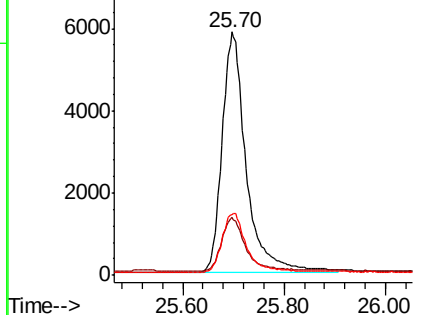
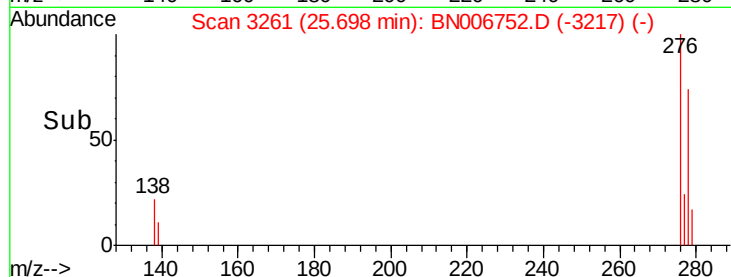
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.355 ng
 RT: 25.70 min Scan# 3261
 Delta R.T. -0.05 min
 Lab File: BN006752.D
 Acq: 08 Jul 2019 11:28

Instrument :
 BNA_N
 ClientSampleId :
 PB121057BSD

Tgt Ion: 276 Resp: 19536
 Ion Ratio Lower Upper
 276 100
 138 22.0 19.5 29.3
 277 24.8 19.7 29.5

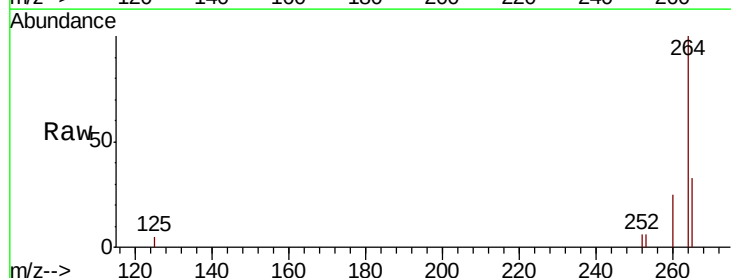


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

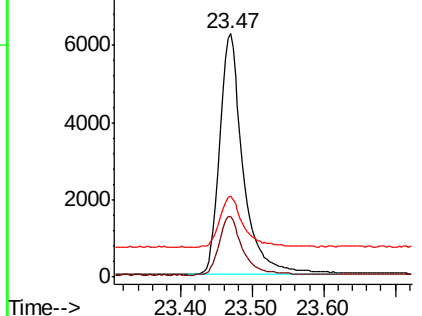
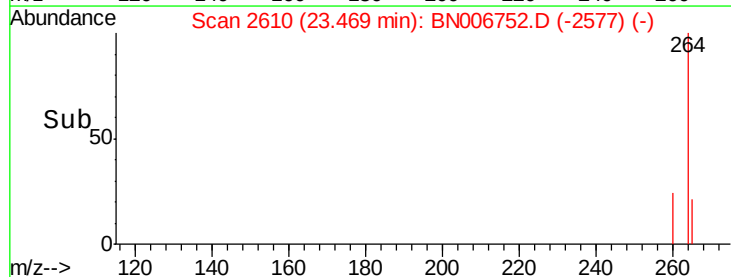


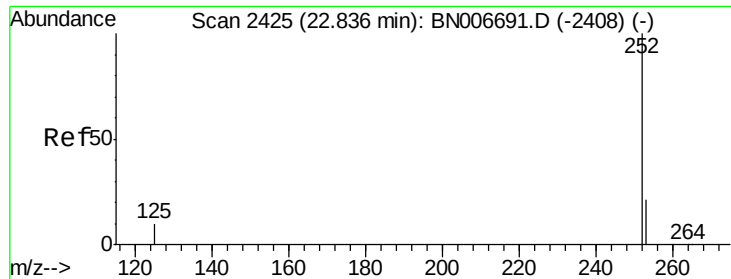
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2610
 Delta R.T. -0.04 min
 Lab File: BN006752.D
 Acq: 08 Jul 2019 11:28

Tgt Ion: 264 Resp: 14226
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.2 30.2
 265 33.4 33.7 50.5#



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





#35

Benzo(b)fluoranthene

Concen: 0.320 ng

RT: 22.80 min Scan# 2415

Delta R.T. -0.03 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

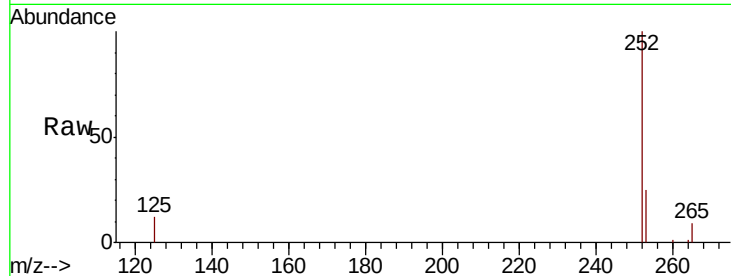
Tgt Ion:252 Resp: 14602

Ion Ratio Lower Upper

252 100

253 25.0 20.2 30.2

125 11.5 11.5 17.3

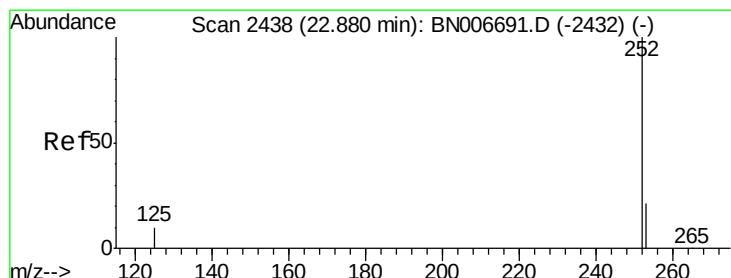
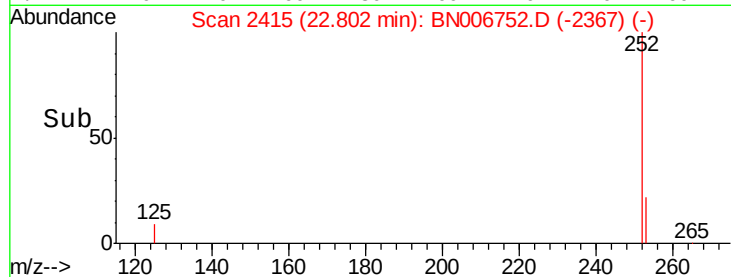
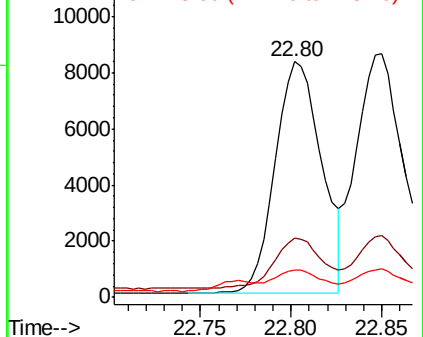


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.354 ng

RT: 22.85 min Scan# 2429

Delta R.T. -0.03 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

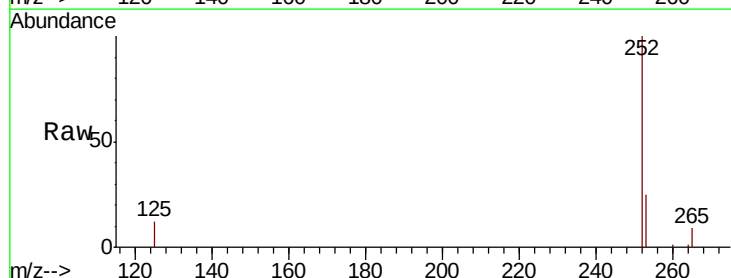
Tgt Ion:252 Resp: 17525

Ion Ratio Lower Upper

252 100

253 25.2 20.1 30.1

125 11.7 11.4 17.0

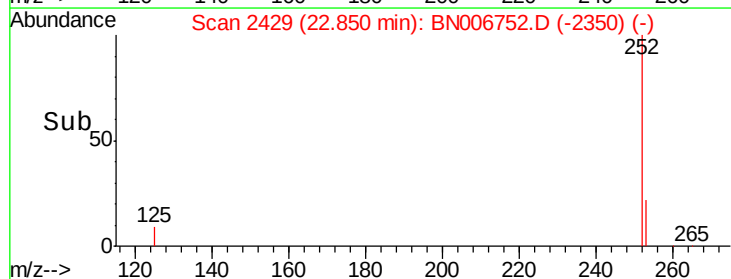
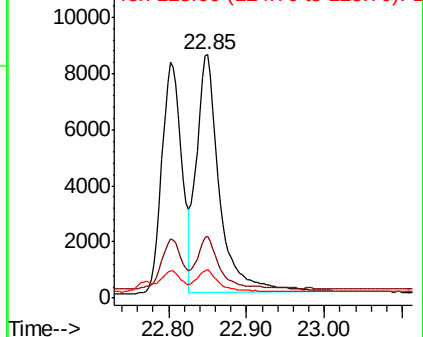


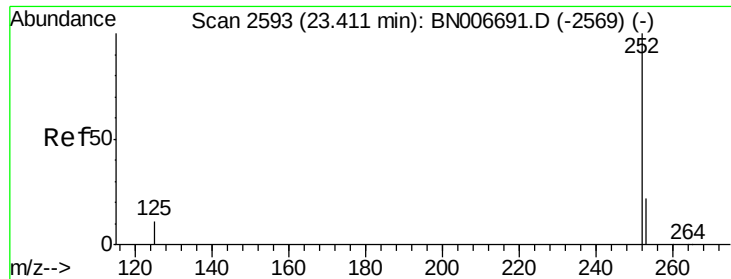
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.344 ng

RT: 23.37 min Scan# 2582

Delta R.T. -0.04 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

Instrument :

BNA_N

ClientSampleId :

PB121057BSD

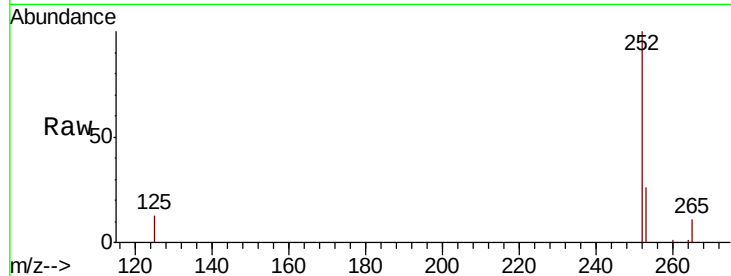
Tgt Ion:252 Resp: 15215

Ion Ratio Lower Upper

252 100

253 26.2 21.4 32.2

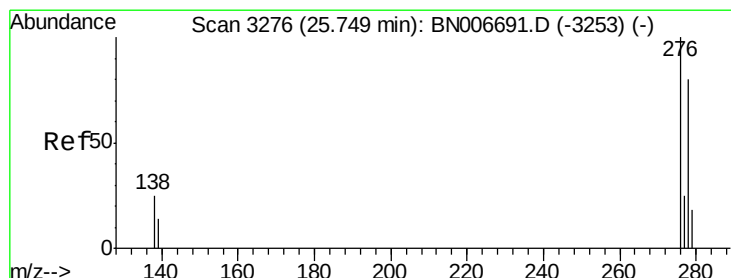
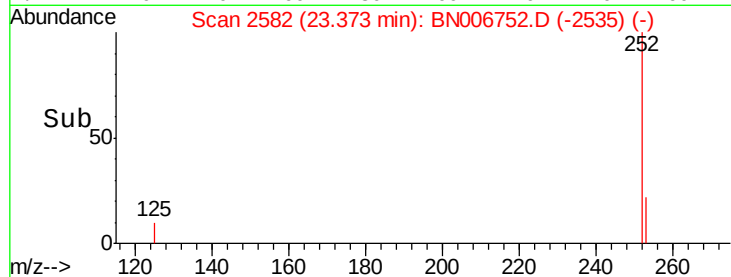
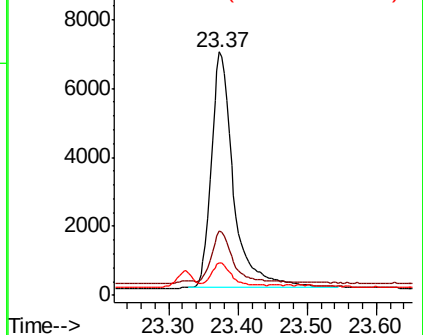
125 13.2 13.3 19.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.356 ng

RT: 25.70 min Scan# 3262

Delta R.T. -0.05 min

Lab File: BN006752.D

Acq: 08 Jul 2019 11:28

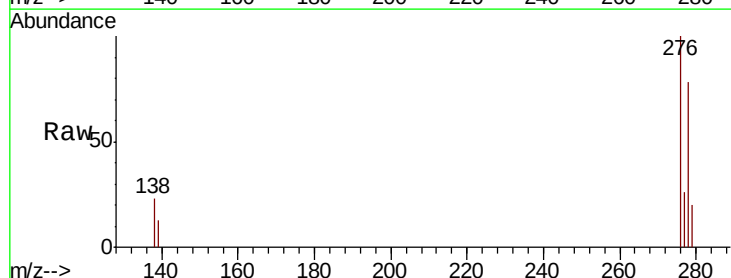
Tgt Ion:278 Resp: 15664

Ion Ratio Lower Upper

278 100

139 17.1 16.2 24.4

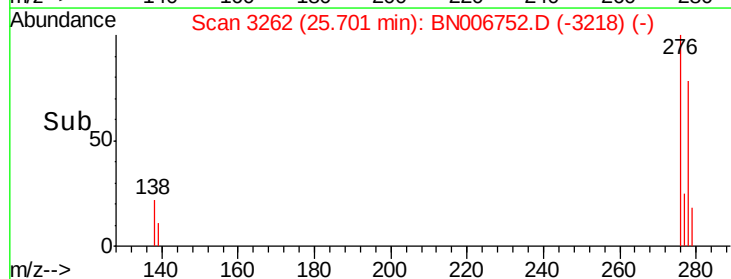
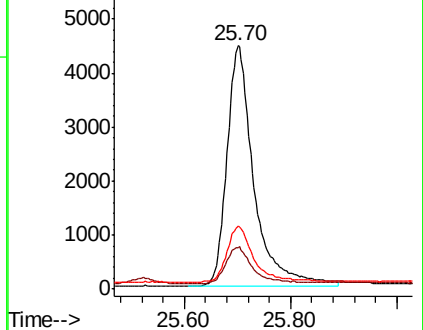
279 25.8 20.7 31.1

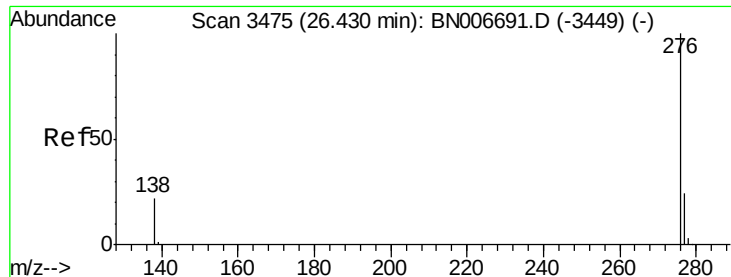


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.377 ng

RT: 26.38 min Scan# 3460

Delta R.T. -0.05 min

Lab File: BN006752.D

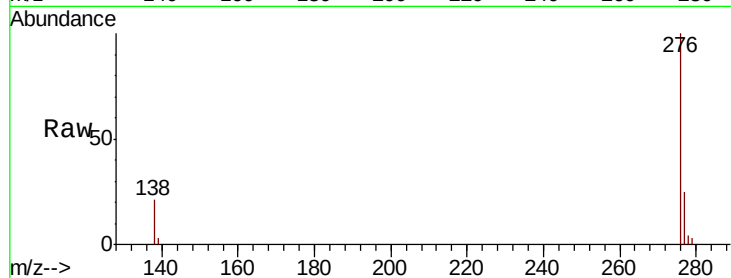
Acq: 08 Jul 2019 11:28

Instrument :

BNA_N

ClientSampleId :

PB121057BSD



Tgt Ion: 276 Resp: 17047

Ion Ratio Lower Upper

276 100

277 25.1 20.6 30.8

138 21.4 19.7 29.5

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

