

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083019\
 Data File : BN007520.D
 Acq On : 30 Aug 2019 13:03
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 31 01:58:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	6859	0.40	ng	-0.02
7) Naphthalene-d8	10.14	136	31010	0.40	ng	-0.03
13) Acenaphthene-d10	14.03	164	19635	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	47308	0.40	ng	0.00
27) Chrysene-d12	21.02	240	41883	0.40	ng	0.00
34) Perylene-d12	23.12	264	38962	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	8639	0.36	ng	-0.02
5) Phenol-d6	6.58	99	10885	0.36	ng	0.00
8) Nitrobenzene-d5	8.52	82	10271	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	11.75	152	21168	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	4710	0.46	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	30599	0.39	ng	0.00
25) Fluoranthene-d10	18.83	212	58870	0.39	ng	-0.01
29) Terphenyl-d14	19.46	244	47449	0.43	ng	-0.01

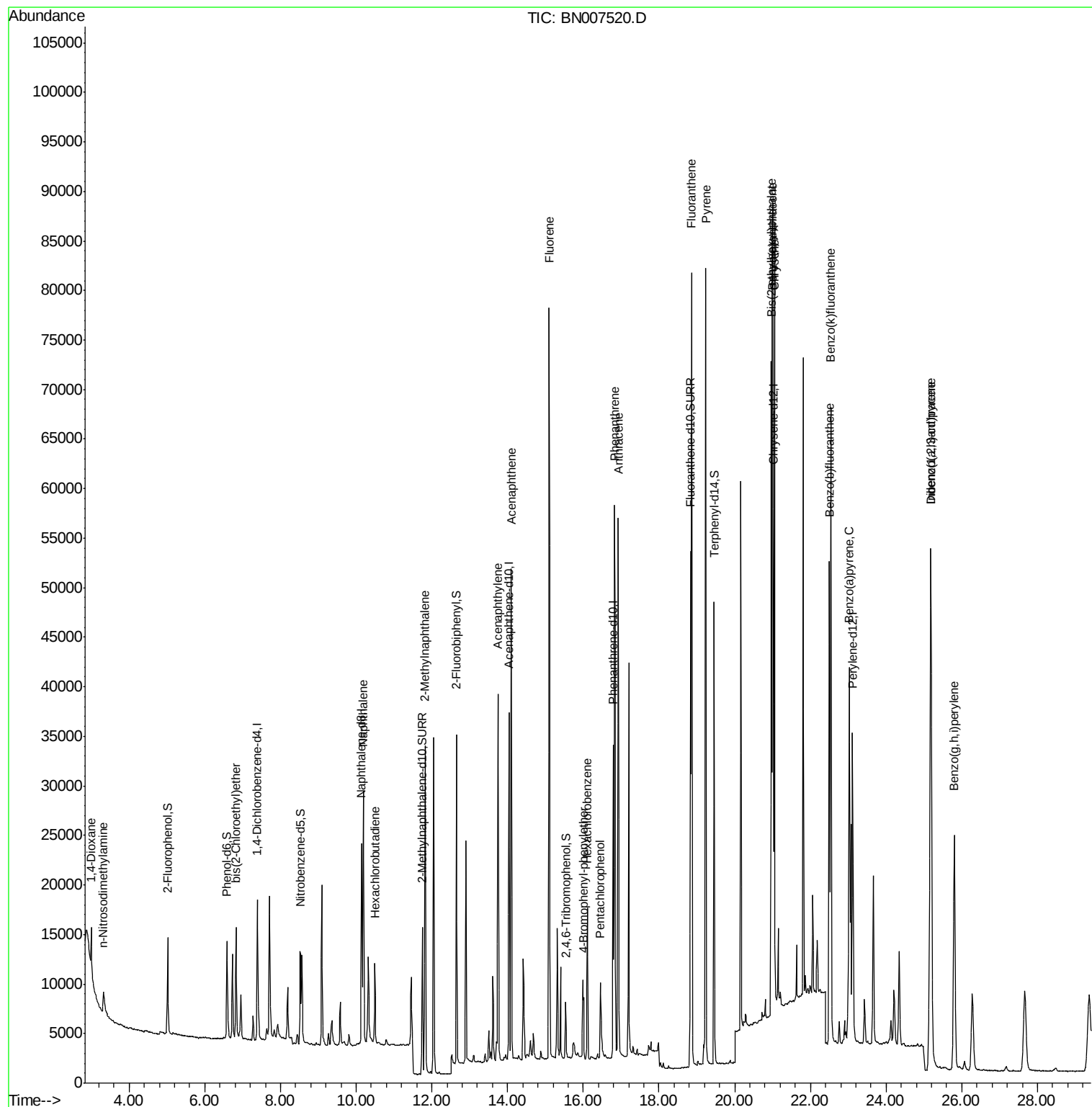
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	4995	0.438	ng	# 71
3) n-Nitrosodimethylamine	3.32	42	1735	0.328	ng	# 67
6) bis(2-Chloroethyl)ether	6.83	93	10416	0.420	ng	95
9) Naphthalene	10.19	128	34791	0.393	ng	# 90
10) Hexachlorobutadiene	10.49	225	6512	0.359	ng	# 99
12) 2-Methylnaphthalene	11.82	142	25295	0.419	ng	95
16) Acenaphthylene	13.75	152	43184	0.372	ng	99
17) Acenaphthene	14.10	154	26406	0.388	ng	98
18) Fluorene	15.09	166	34840	0.405	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	2100	0.113	ng	# 81
21) Hexachlorobenzene	16.10	284	12381	0.390	ng	95
22) Pentachlorophenol	16.45	266	5953	0.604	ng	# 63
23) Phenanthrene	16.83	178	58392	0.410	ng	99
24) Anthracene	16.92	178	56478	0.395	ng	99
26) Fluoranthene	18.86	202	71869	0.393	ng	99
28) Pyrene	19.23	202	73811	0.438	ng	99
30) Benzo(a)anthracene	20.99	228	66080	0.402	ng	99
31) Chrysene	21.05	228	62738	0.395	ng	99
32) Bis(2-ethylhexyl)phthalate	20.96	149	56020	0.507	ng	99
33) Indeno(1,2,3-cd)pyrene	25.18	276	60135	0.314	ng	96
35) Benzo(b)fluoranthene	22.50	252	59052	0.418	ng	97
36) Benzo(k)fluoranthene	22.54	252	60119	0.431	ng	# 69
37) Benzo(a)pyrene	23.03	252	54406	0.405	ng	98
38) Dibenzo(a,h)anthracene	25.19	278	47489	0.354	ng	93
39) Benzo(g,h,i)perylene	25.80	276	48442	0.363	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083019\
Data File : BN007520.D
Acq On : 30 Aug 2019 13:03
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 31 01:58:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



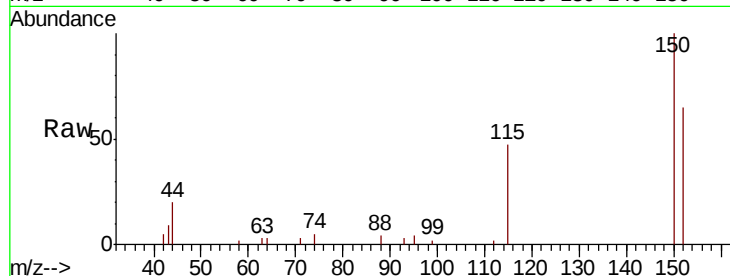


#1

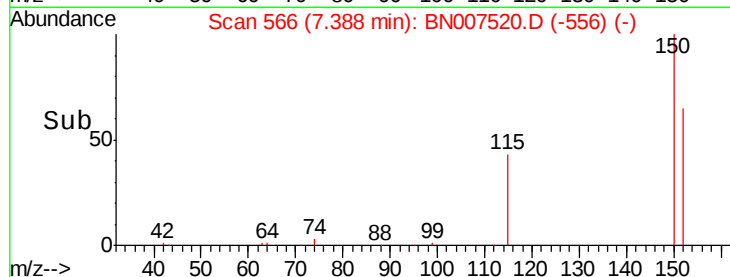
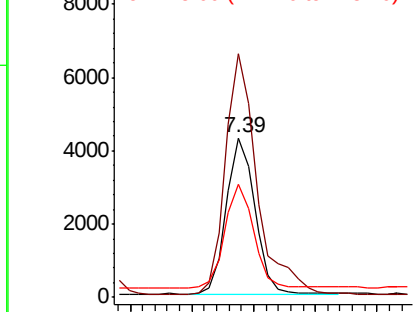
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 6859
Ion Ratio Lower Upper
152 100
150 152.8 109.1 163.7
115 71.3 59.6 89.4



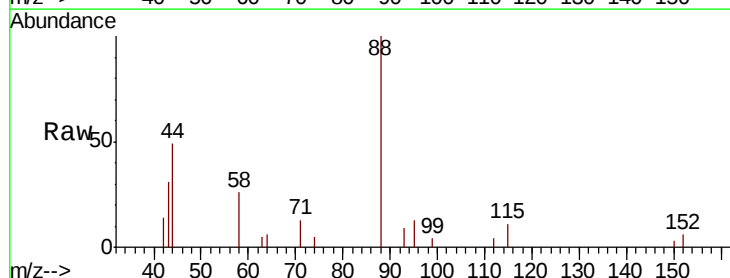
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



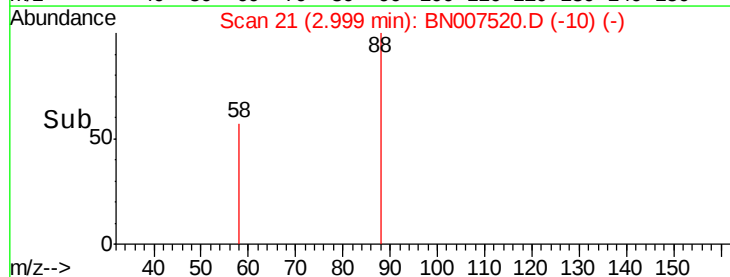
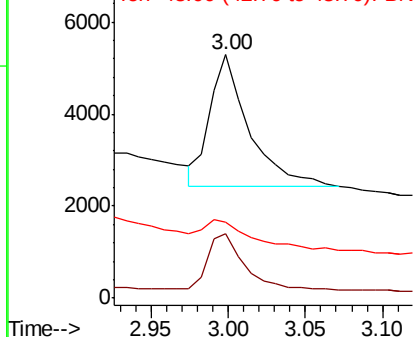
#2

1,4-Dioxane
Concen: 0.438 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion: 88 Resp: 4995
Ion Ratio Lower Upper
88 100
58 40.7 50.5 75.7#
43 30.4 0.0 0.0#



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: 0.328 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

Instrument :

BNA_N

ClientSampleId :

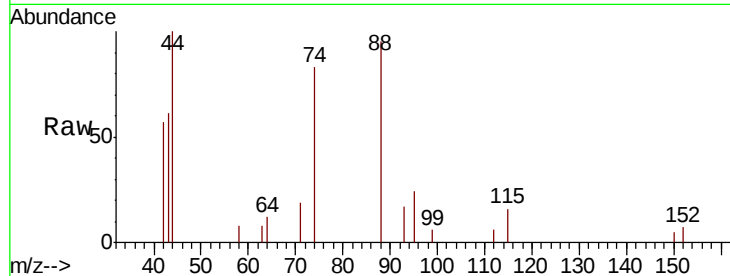
Tot Ion: 42 Resp: 1735

Ion Ratio Lower Upper

42 100

74 228.1 144.7 217.1#

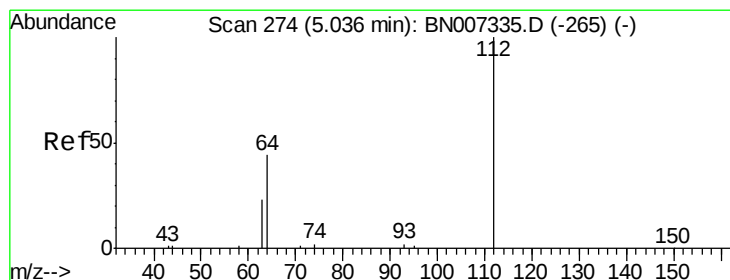
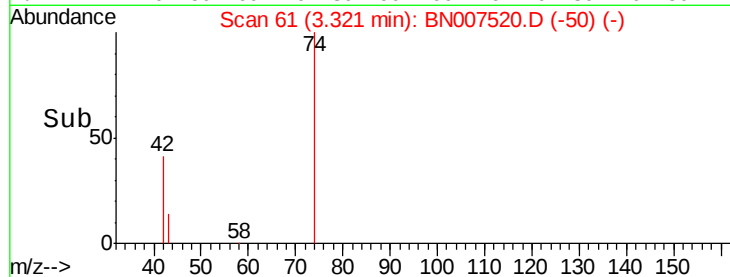
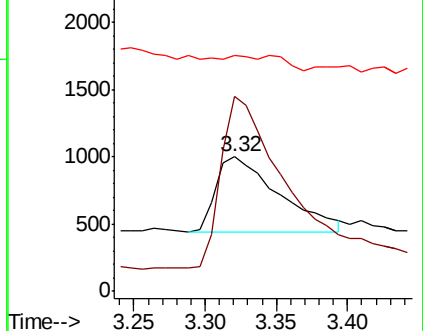
44 0.0 3.2 4.8#



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: 0.360 ng

RT: 5.02 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

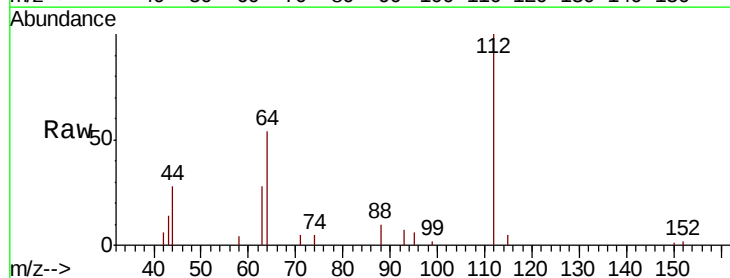
Tgt Ion: 112 Resp: 8639

Ion Ratio Lower Upper

112 100

64 54.6 42.3 63.5

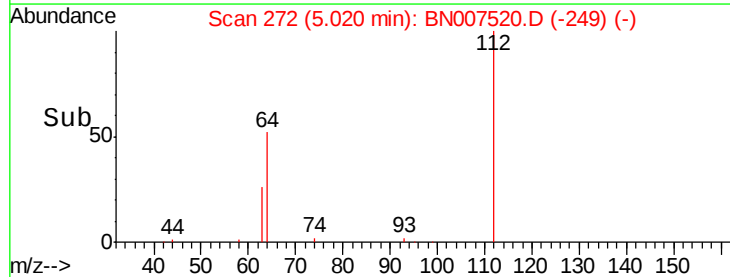
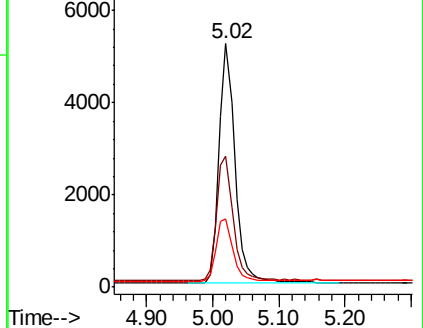
63 27.6 23.6 35.4



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: 0.356 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

Instrument :

BNA_N

ClientSampleId :

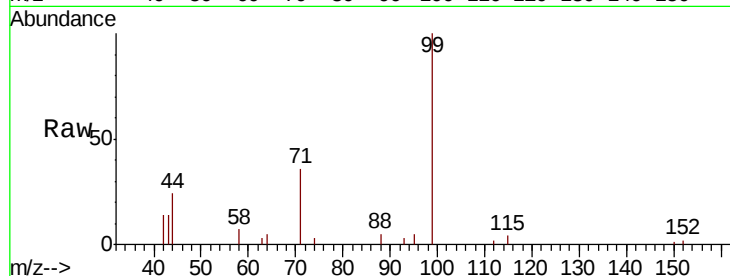
Tot Ion: 99 Resp: 10885

Ion Ratio Lower Upper

99 100

42 11.3 11.2 16.8

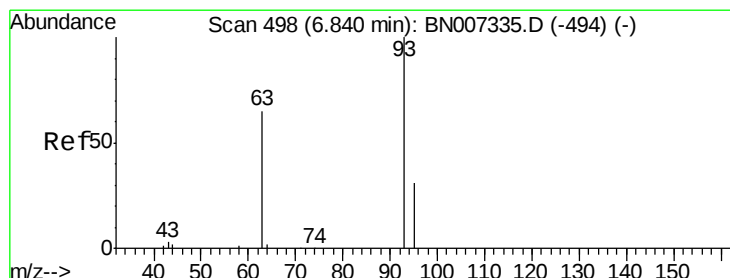
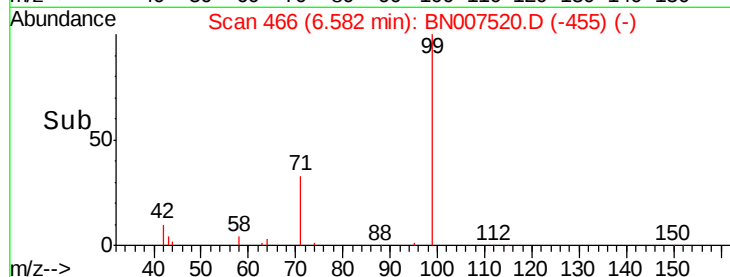
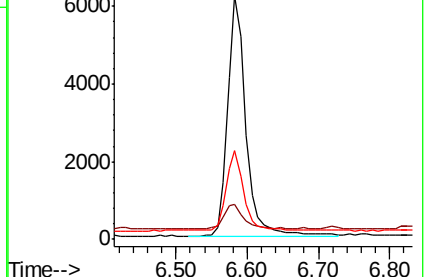
71 32.1 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007520.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN007520.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN007520.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.420 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

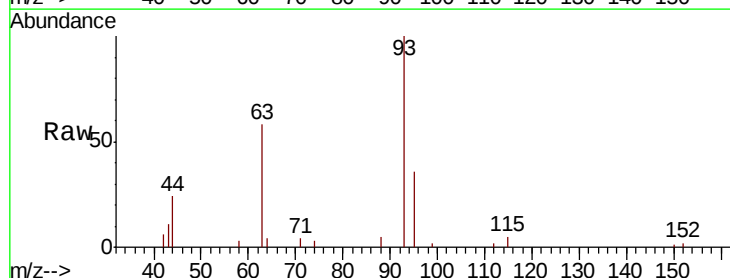
Tgt Ion: 93 Resp: 10416

Ion Ratio Lower Upper

93 100

63 61.5 51.9 77.9

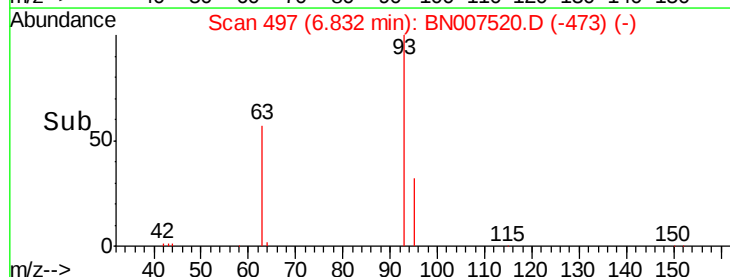
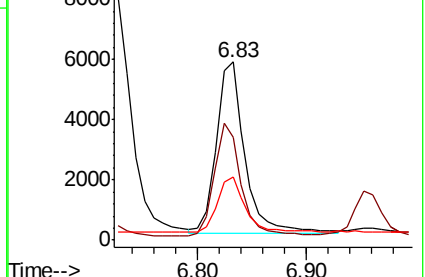
95 31.1 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007520.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN007520.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN007520.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. -0.03 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 31010

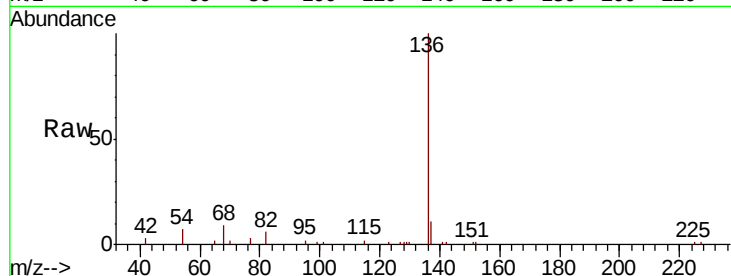
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 6.6 8.6 12.8#

68 9.0 17.0 25.4#

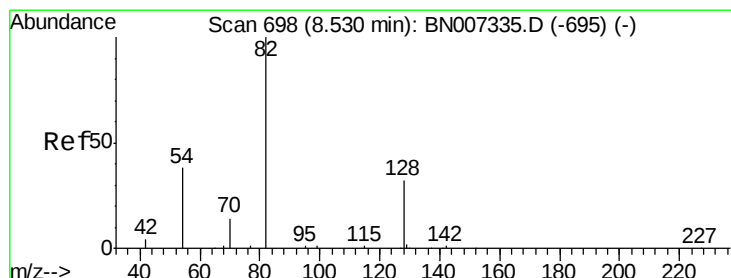
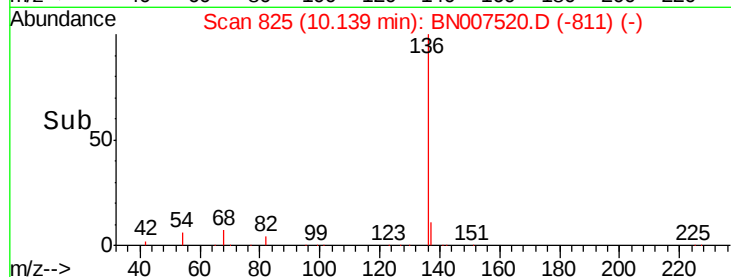
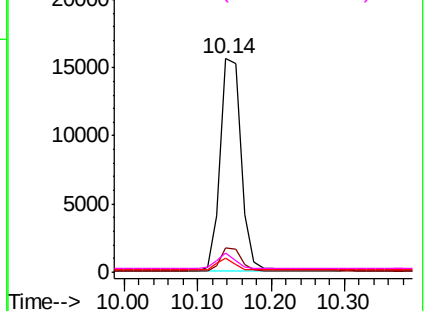


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.381 ng

RT: 8.52 min Scan# 697

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

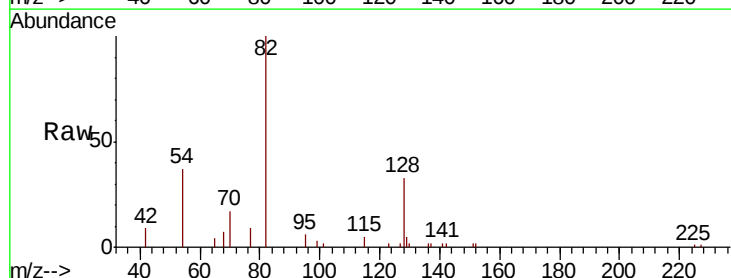
Tgt Ion: 82 Resp: 10271

Ion Ratio Lower Upper

82 100

128 32.6 19.7 29.5#

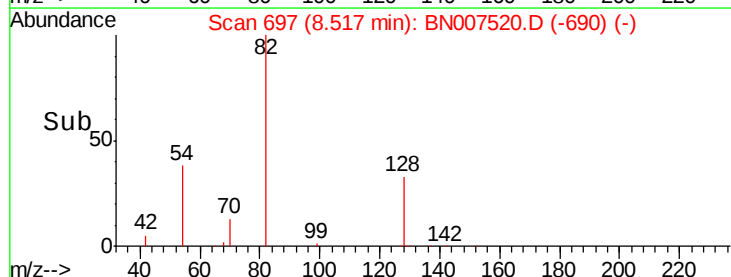
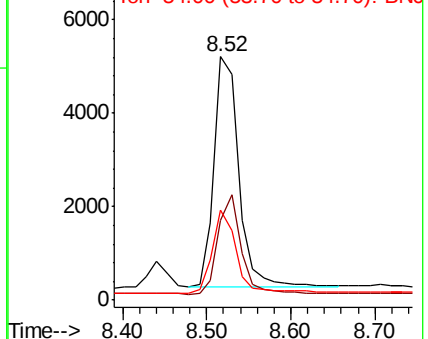
54 37.0 25.8 38.6

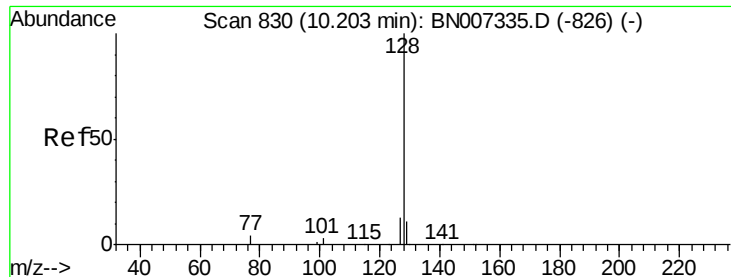


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.393 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

Instrument :

BNA_N

ClientSampleId :

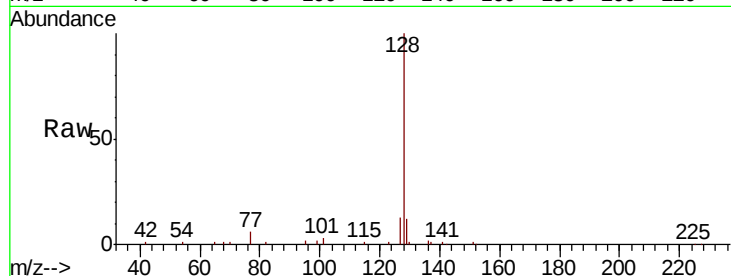
Tot Ion:128 Resp: 34791

Ion Ratio Lower Upper

128 100

129 11.6 11.1 16.7

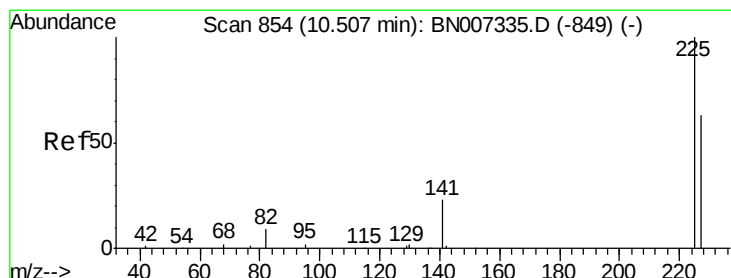
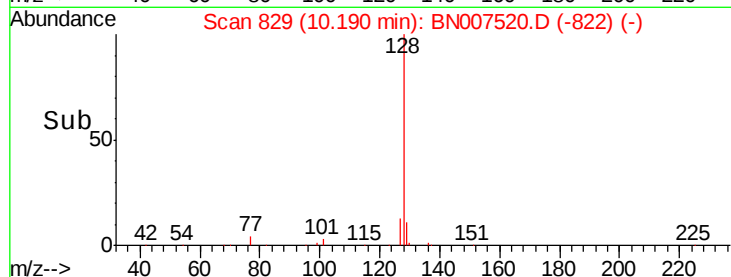
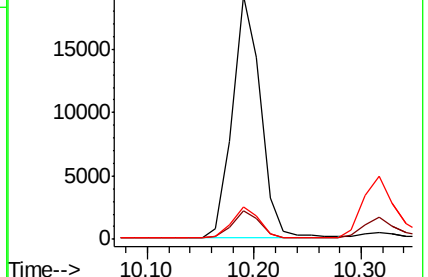
127 13.4 15.5 23.3#



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: 0.359 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

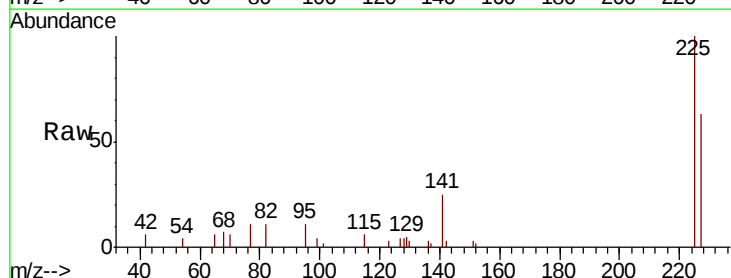
Tgt Ion:225 Resp: 6512

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

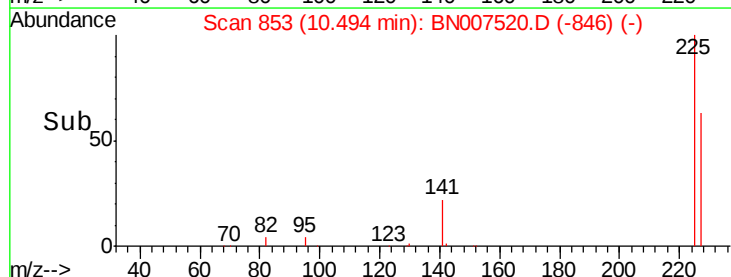
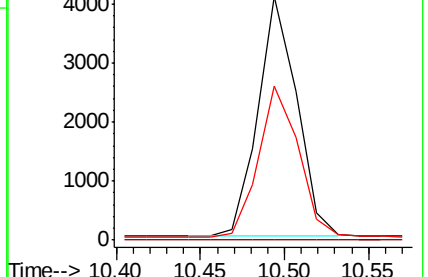
227 64.4 50.7 76.1



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: 0.411 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

Instrument :

BNA_N

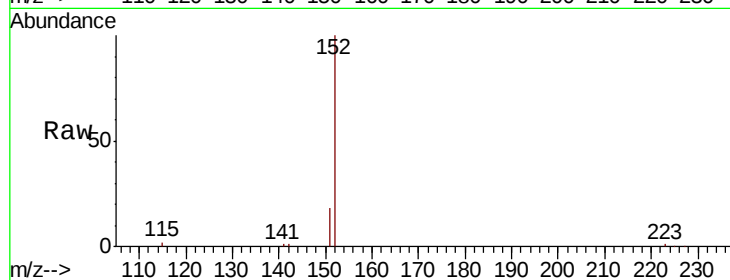
ClientSampleId :

Tot Ion:152 Resp: 21168

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.75

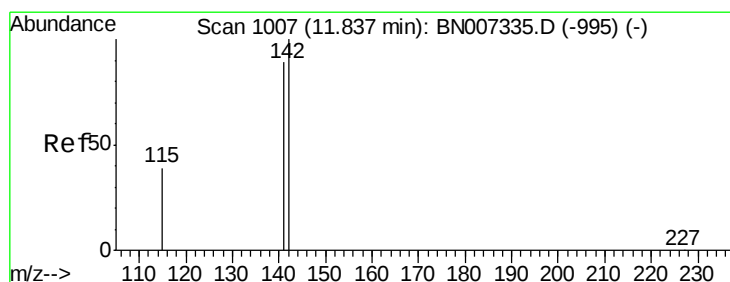
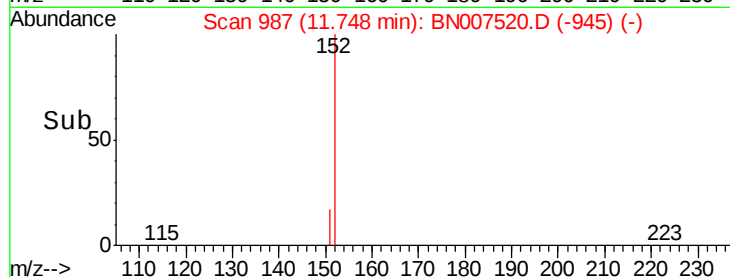
15000

10000

5000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.419 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

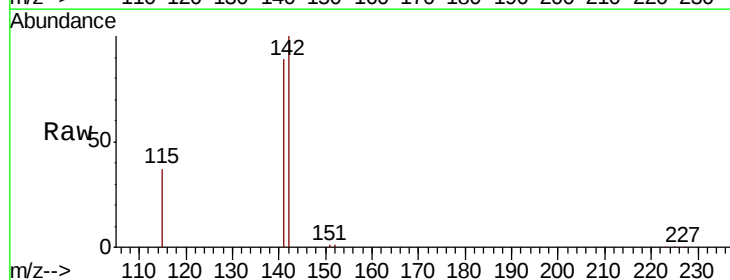
Tgt Ion:142 Resp: 25295

Ion Ratio Lower Upper

142 100

141 88.5 72.8 109.2

115 37.4 35.2 52.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

20000

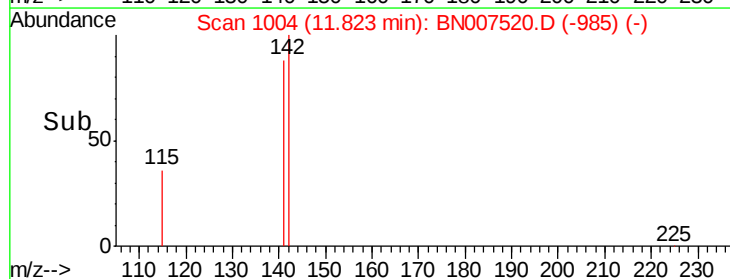
15000

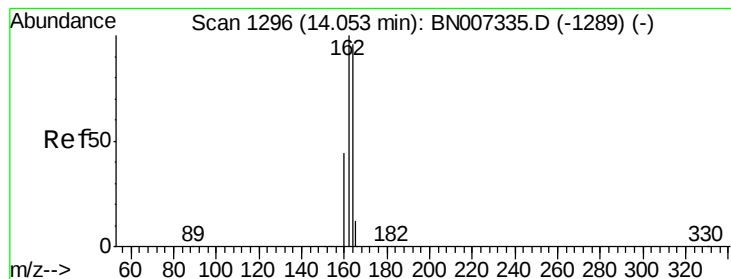
10000

5000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

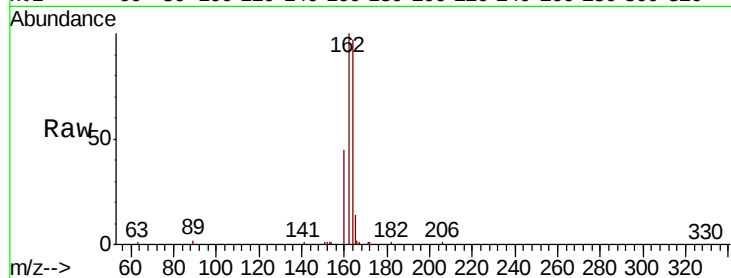
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 19635

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.5	125.3
160	46.3	38.2	57.4

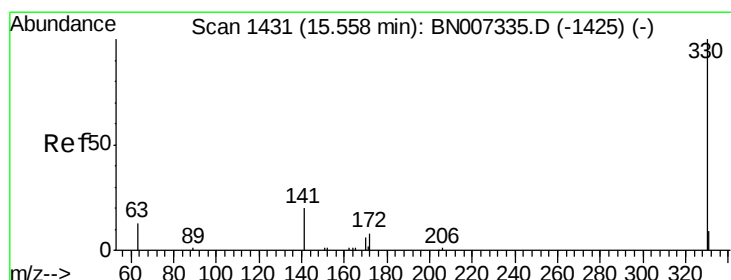
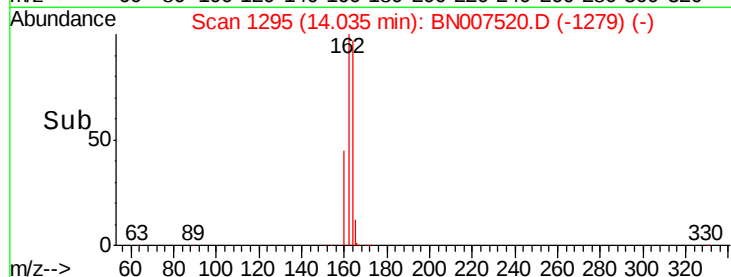
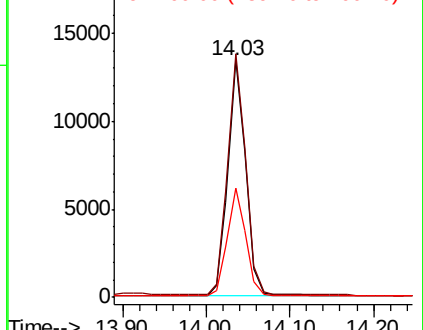


Abundance

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: 0.459 ng

RT: 15.54 min Scan# 1430

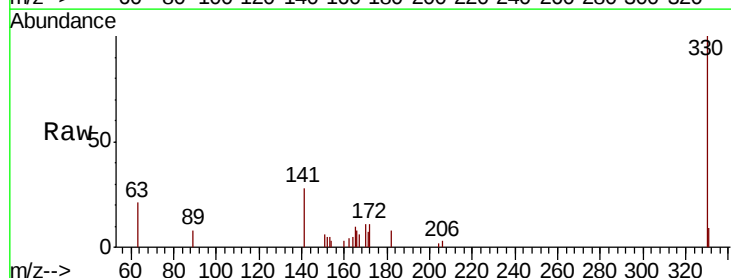
Delta R.T. -0.02 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

Tgt Ion:330 Resp: 4710

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.2	26.9	40.3

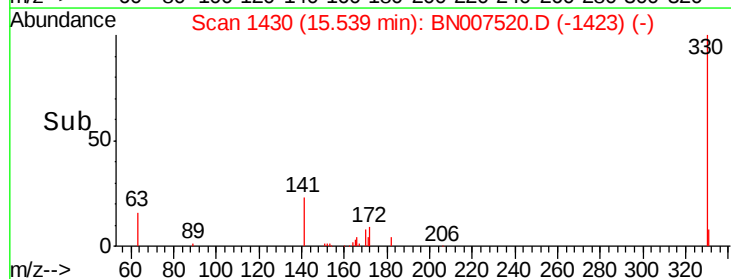
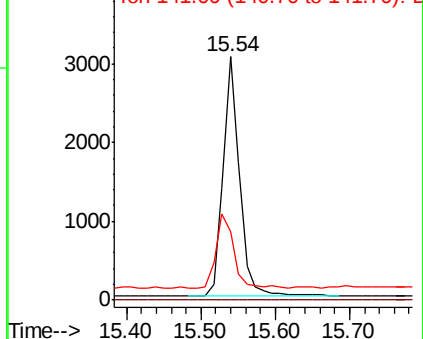


Abundance

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

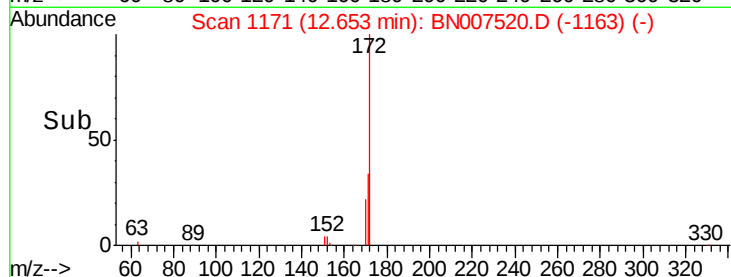
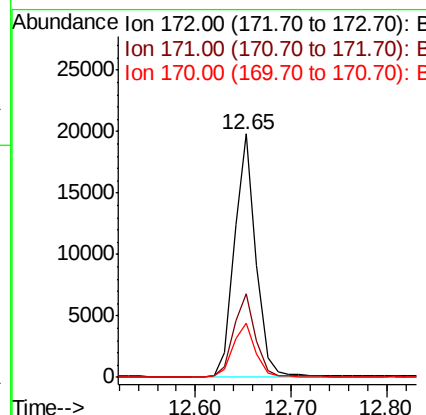
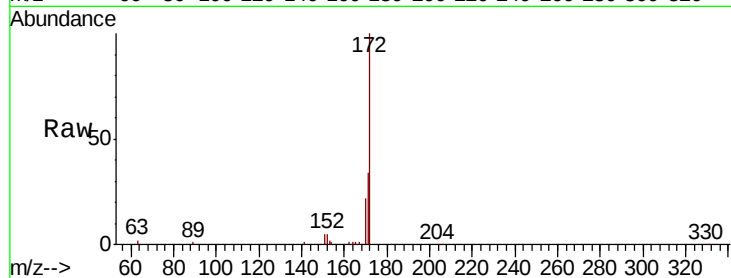




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

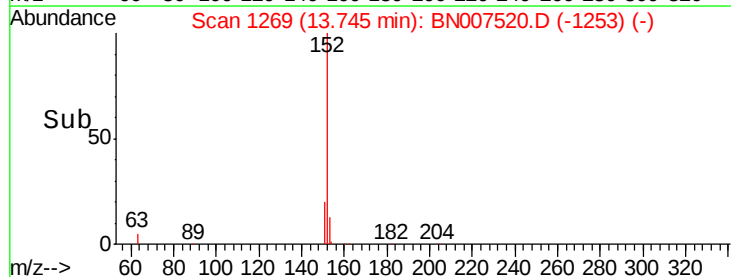
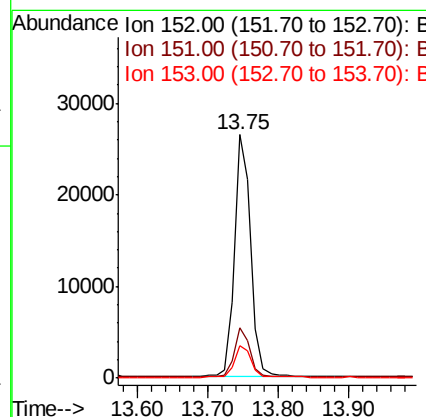
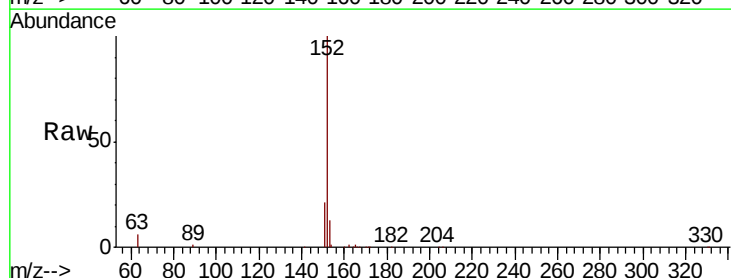
Instrument :
BNA_N
ClientSampled :

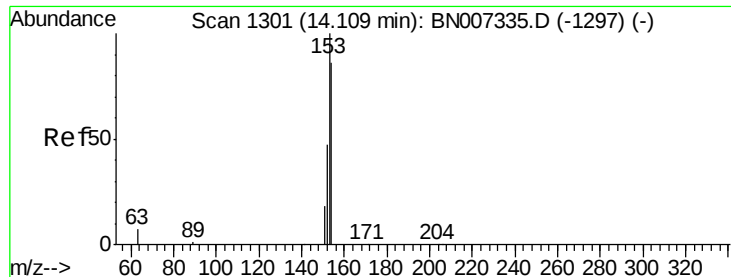
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.3	45.5
170	22.3	20.7	31.1



#16
Acenaphthylene
Concen: 0.372 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.1	10.6	15.8





#17

Acenaphthene

Concen: 0.388 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

Instrument :

BNA_N

ClientSampleId :

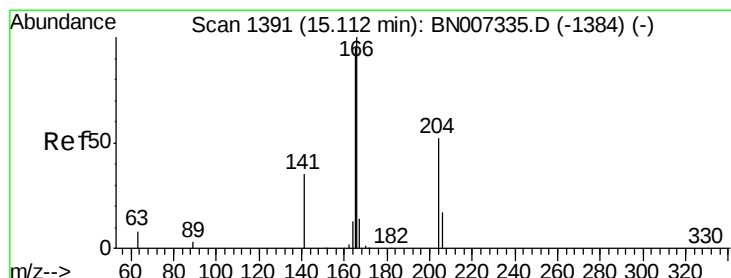
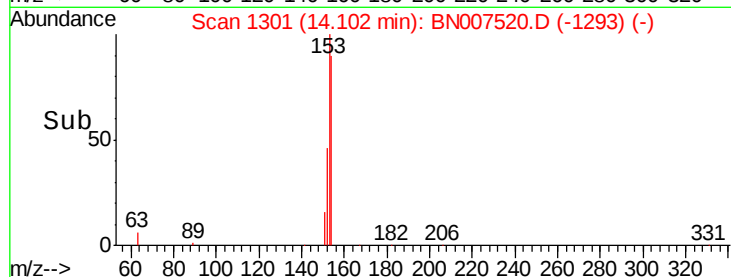
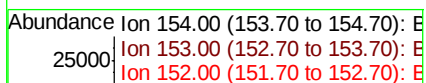
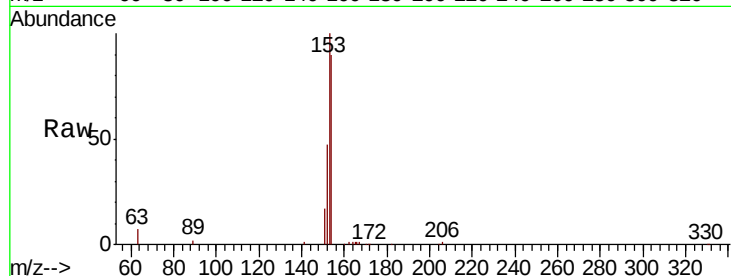
Tot Ion:154 Resp: 26406

Ion Ratio Lower Upper

154 100

153 113.2 92.8 139.2

152 53.8 43.8 65.8



#18

Fluorene

Concen: 0.405 ng

RT: 15.09 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

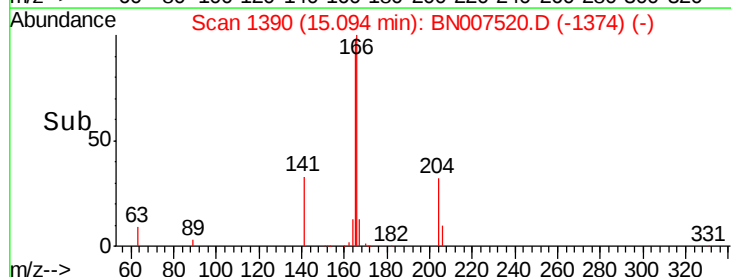
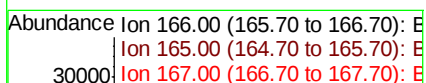
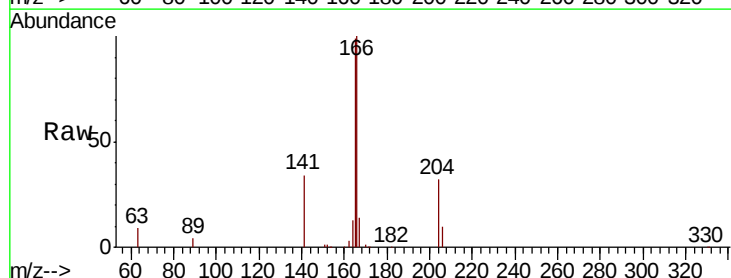
Tgt Ion:166 Resp: 34840

Ion Ratio Lower Upper

166 100

165 98.3 79.0 118.4

167 13.5 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

Instrument :

BNA_N

ClientSampleId :

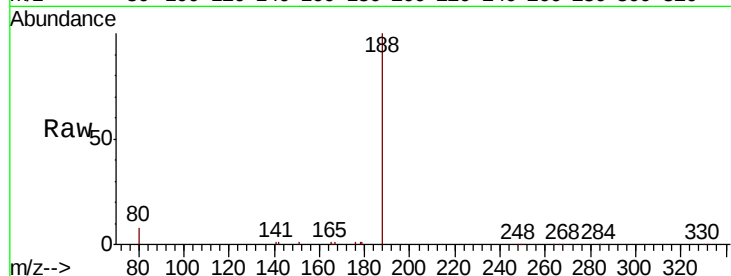
Tot Ion:188 Resp: 47308

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

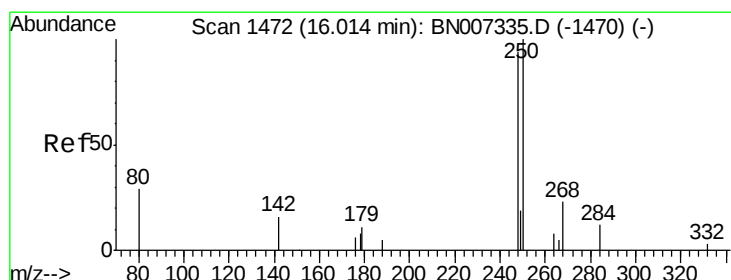
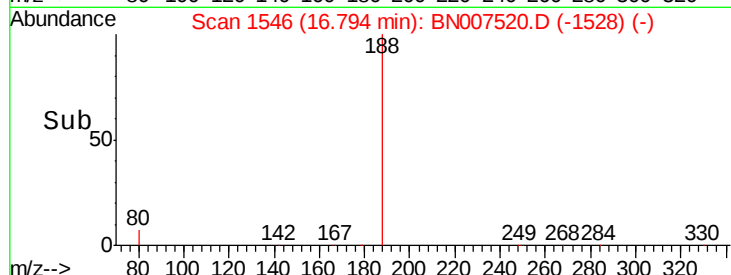
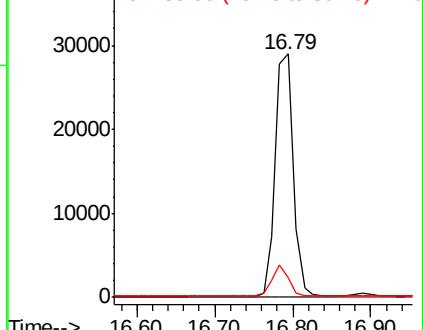
80 8.0 11.8 17.8#



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: 0.113 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

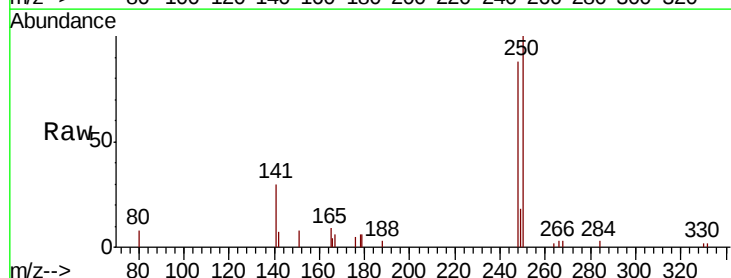
Tgt Ion:248 Resp: 2100

Ion Ratio Lower Upper

248 100

250 113.2 85.0 127.6

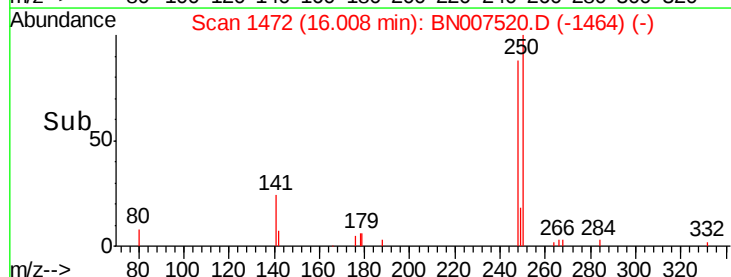
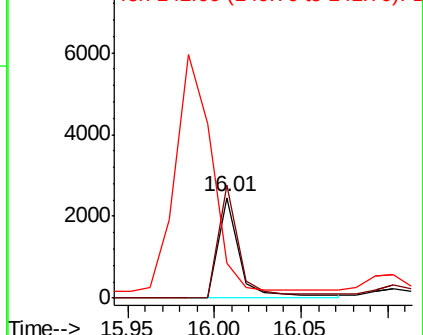
141 34.3 51.7 77.5#



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

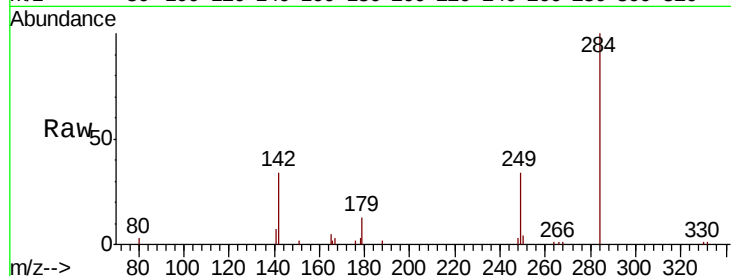




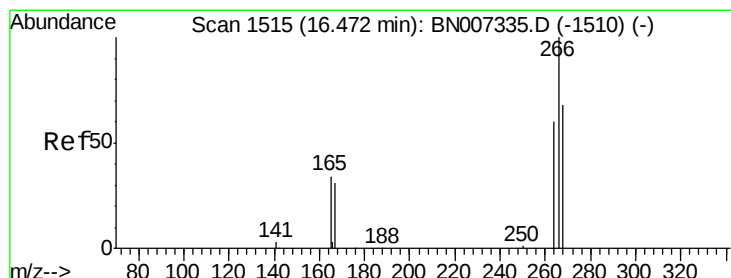
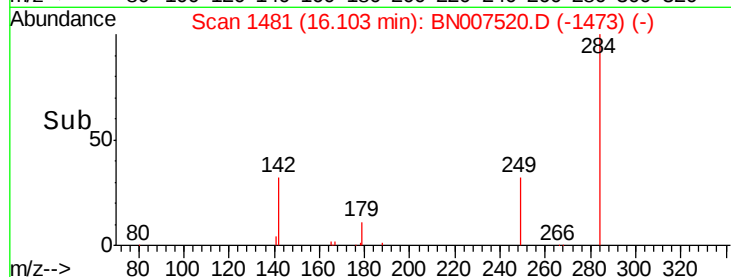
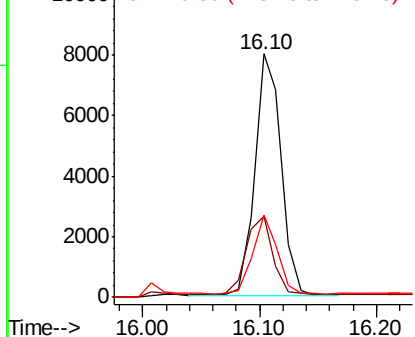
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 12381
Ion Ratio Lower Upper
284 100
142 32.3 29.0 43.6
249 30.0 24.9 37.3

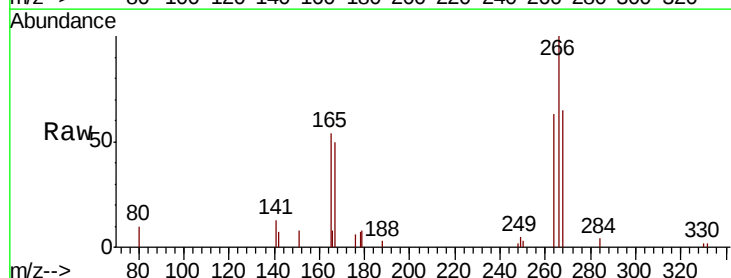


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

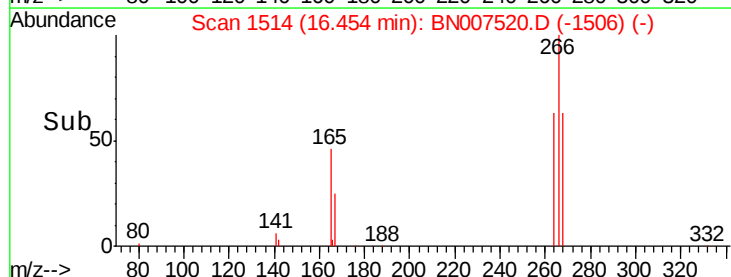
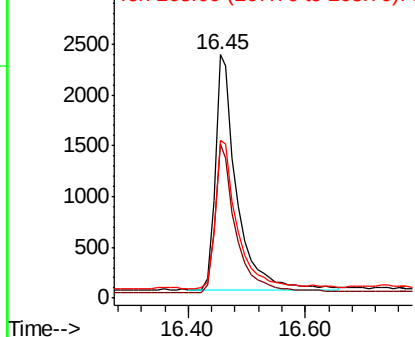


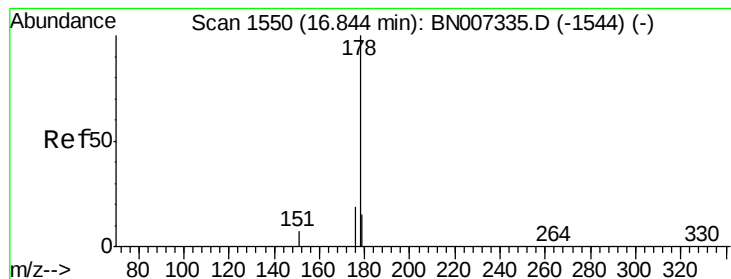
#22
Pentachlorophenol
Concen: 0.604 ng
RT: 16.45 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:266 Resp: 5953
Ion Ratio Lower Upper
266 100
264 63.3 57.8 86.8
268 64.9 99.7 149.5#



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: 0.410 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

Instrument :

BNA_N

ClientSampleId :

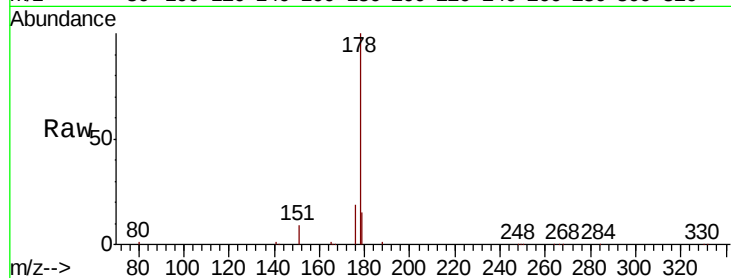
Tot Ion:178 Resp: 58392

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

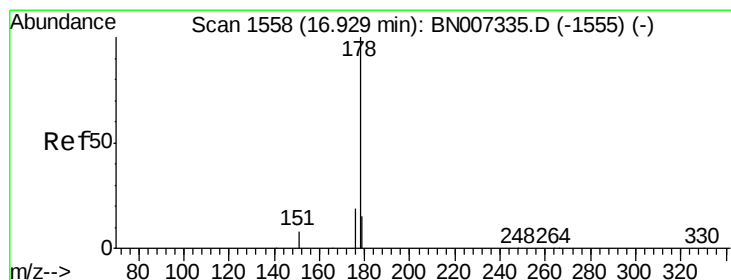
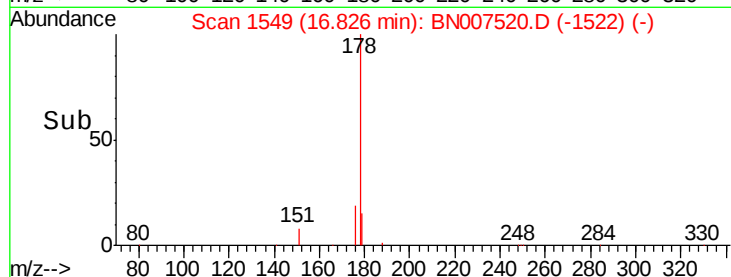
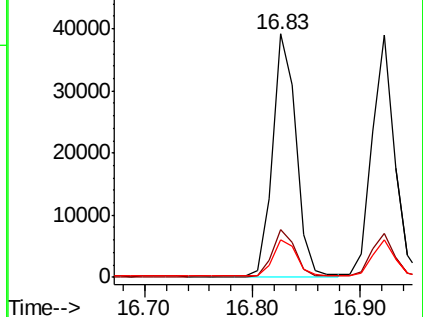
179 15.3 12.6 19.0



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: 0.395 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

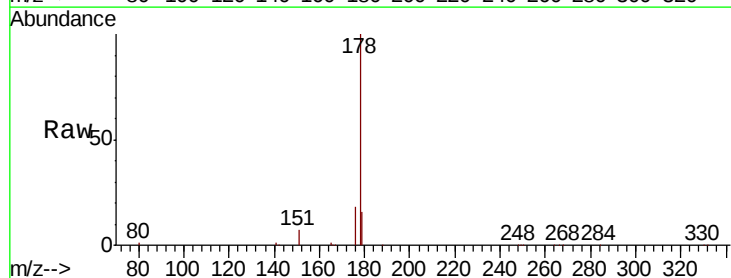
Tgt Ion:178 Resp: 56478

Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

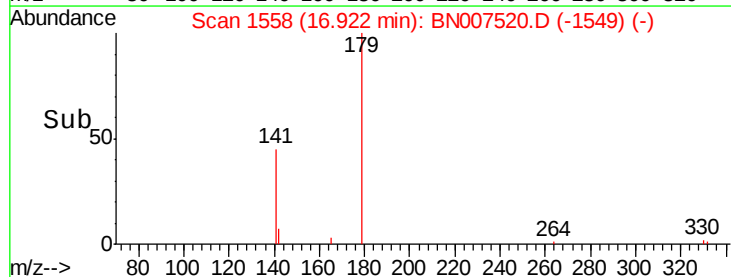
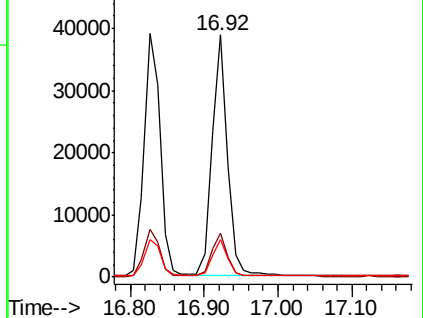
179 15.2 12.4 18.6

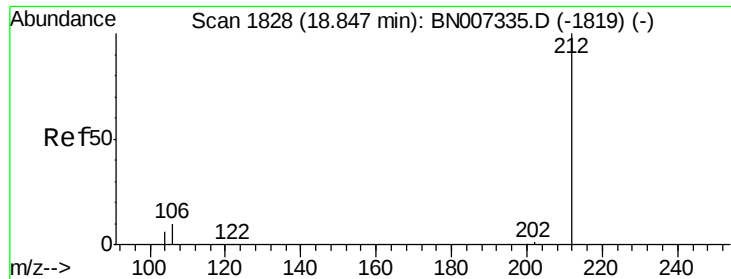


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 18.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

Instrument :

BNA_N

ClientSampleId :

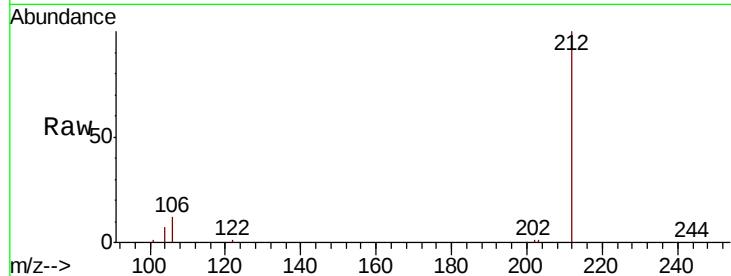
Tot Ion:212 Resp: 58870

Ion Ratio Lower Upper

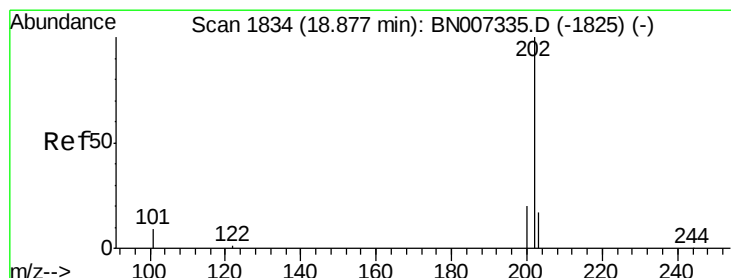
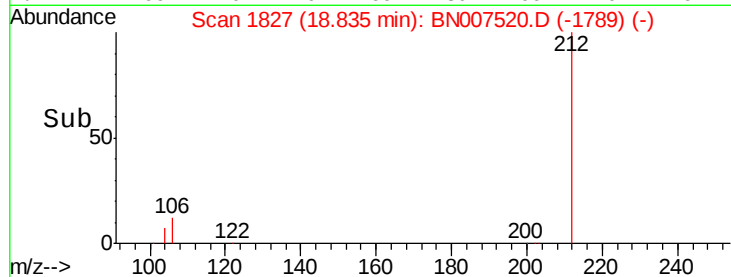
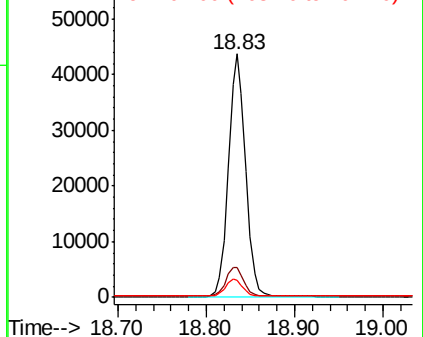
212 100

106 12.5 9.0 13.4

104 7.3 5.4 8.2



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: 0.393 ng

RT: 18.86 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

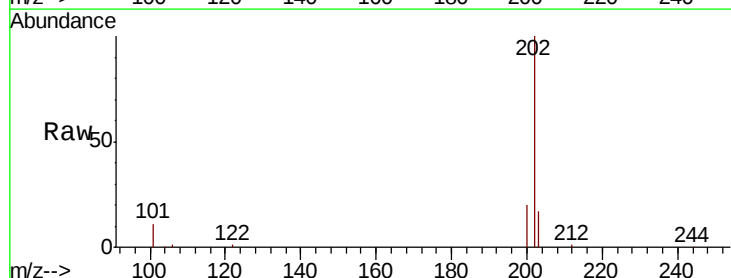
Tgt Ion:202 Resp: 71869

Ion Ratio Lower Upper

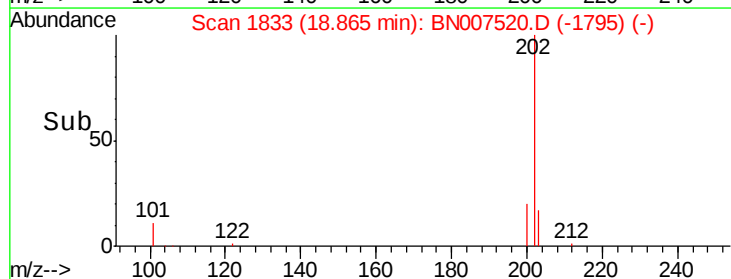
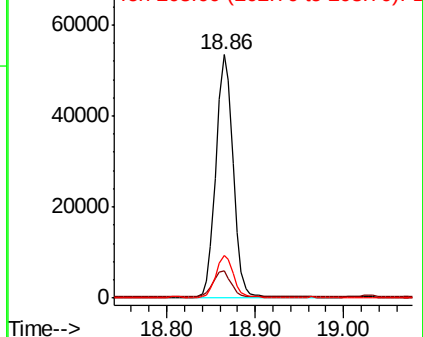
202 100

101 11.0 7.7 11.5

203 17.0 13.7 20.5



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

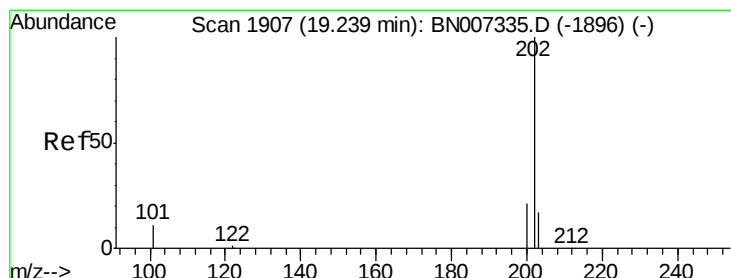
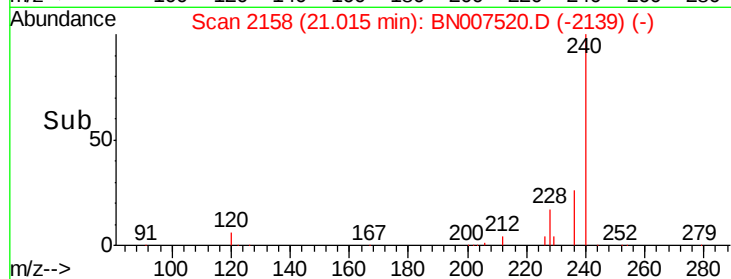
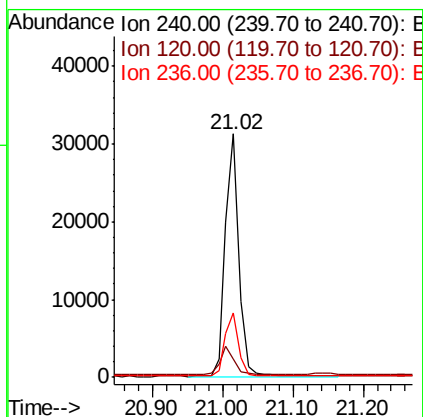
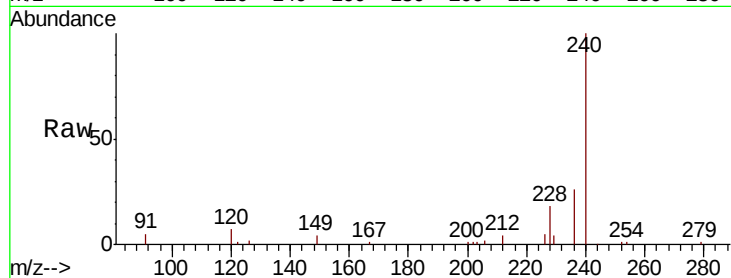




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.02 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BN007520.D
 Acq: 30 Aug 2019 13:03

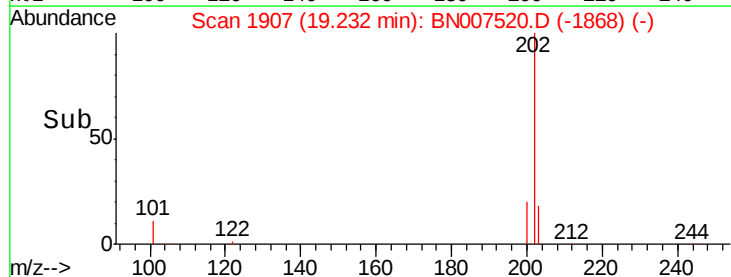
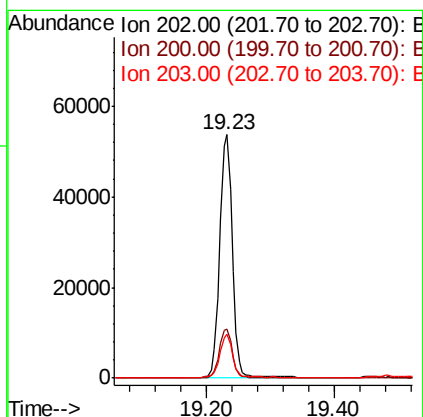
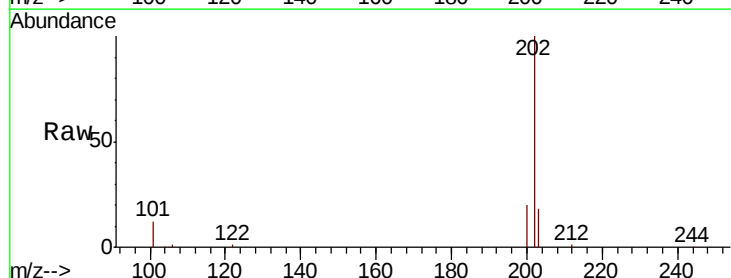
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:240 Resp: 41883
 Ion Ratio Lower Upper
 240 100
 120 7.3 9.6 14.4#
 236 26.5 22.2 33.2



#28
 Pyrene
 Concen: 0.438 ng
 RT: 19.23 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BN007520.D
 Acq: 30 Aug 2019 13:03

Tgt Ion:202 Resp: 73811
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.6 25.0
 203 17.6 14.2 21.4





#29

Terphenyl-d14

Concen: 0.433 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

Instrument :

BNA_N

ClientSampleId :

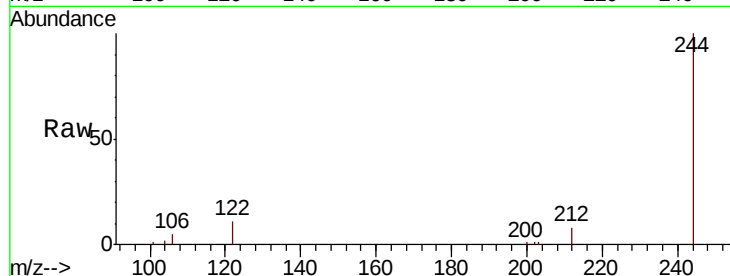
Tot Ion:244 Resp: 47449

Ion Ratio Lower Upper

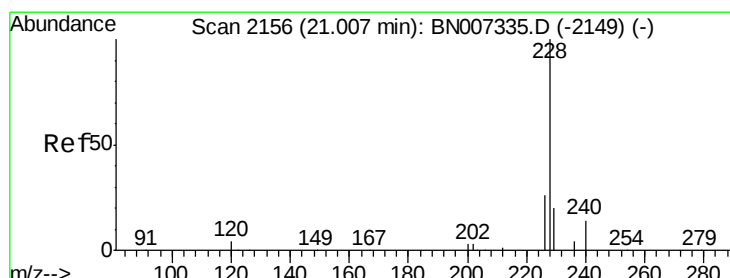
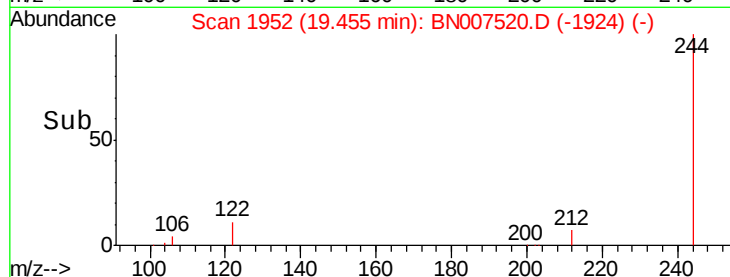
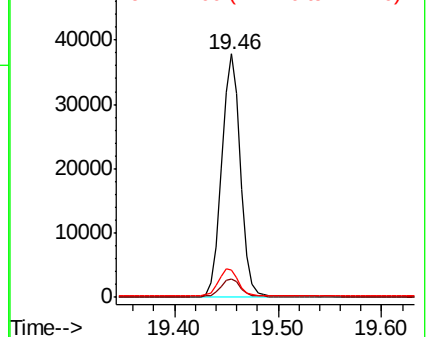
244 100

212 7.7 7.0 10.6

122 11.4 9.6 14.4



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: 0.402 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

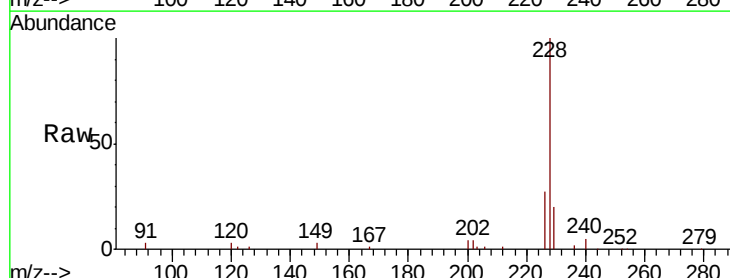
Tgt Ion:228 Resp: 66080

Ion Ratio Lower Upper

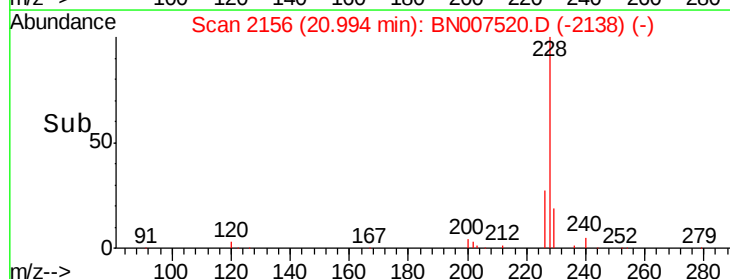
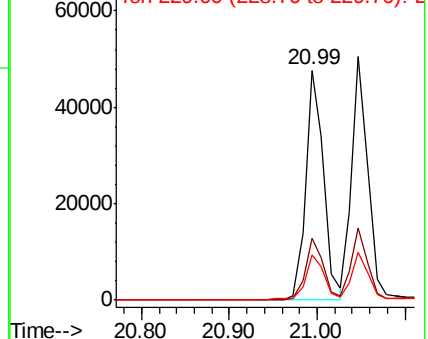
228 100

226 27.2 21.3 31.9

229 19.6 16.1 24.1



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

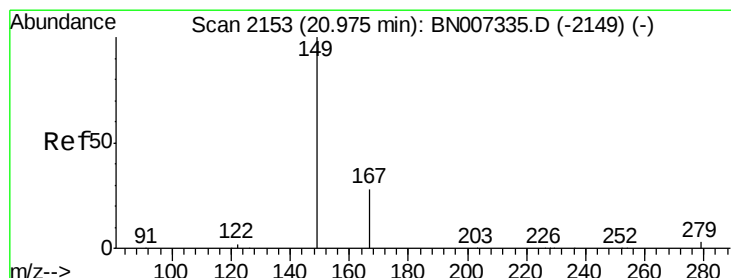
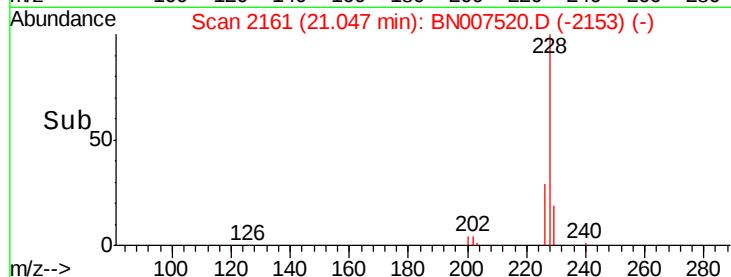
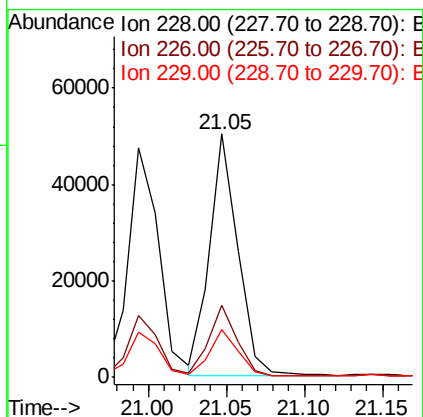
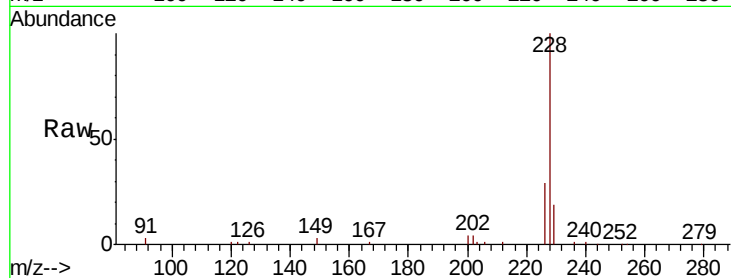




#31
Chrysene
Concen: 0.395 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

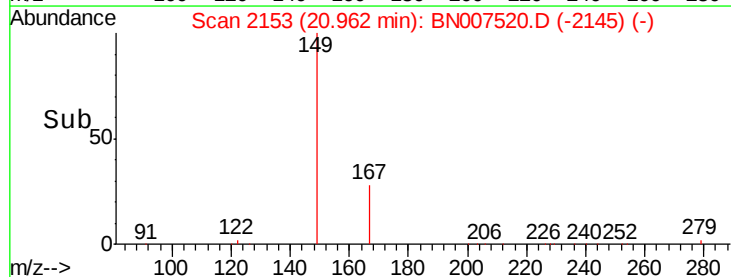
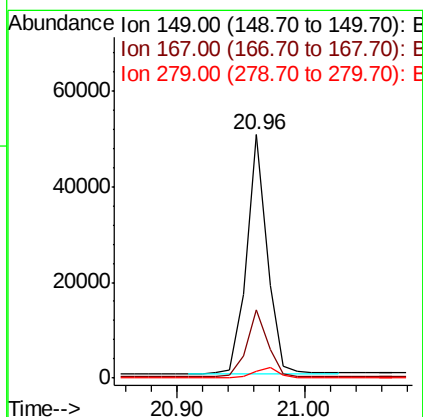
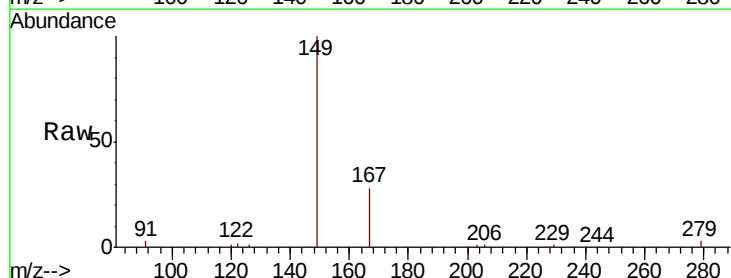
Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 62738
Ion Ratio Lower Upper
228 100
226 29.4 23.5 35.3
229 19.5 16.6 24.8



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.507 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:149 Resp: 56020
Ion Ratio Lower Upper
149 100
167 28.1 22.8 34.2
279 4.4 3.5 5.3

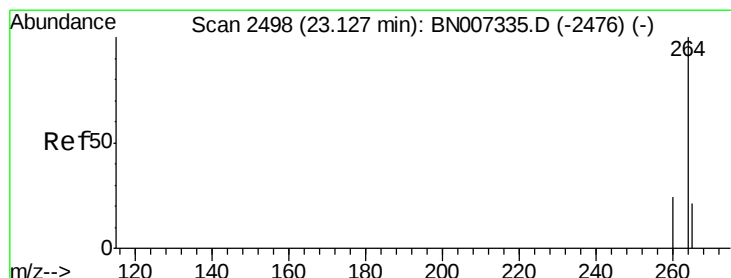
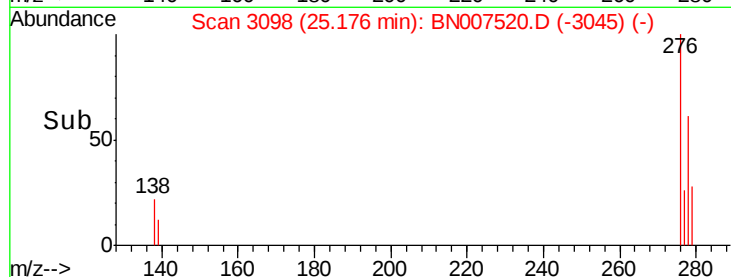
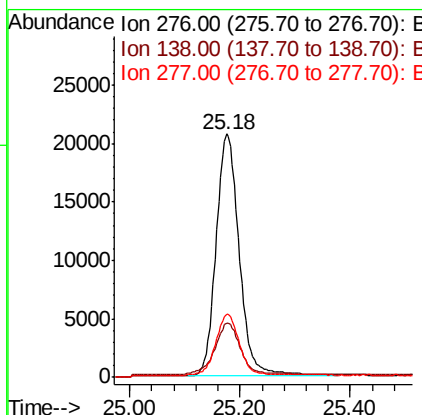
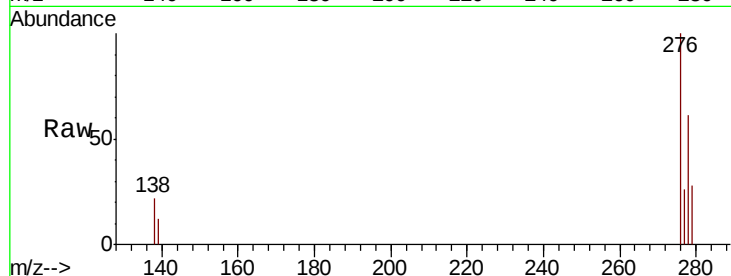




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.314 ng
 RT: 25.18 min Scan# 3098
 Delta R.T. -0.02 min
 Lab File: BN007520.D
 Acq: 30 Aug 2019 13:03

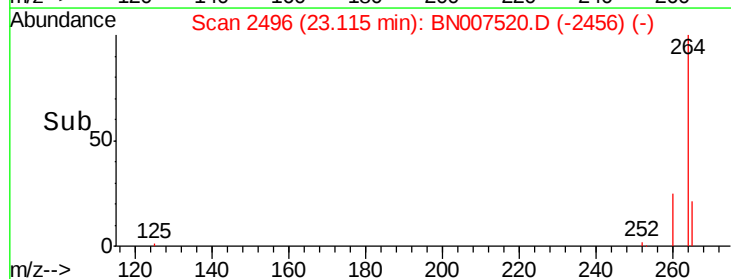
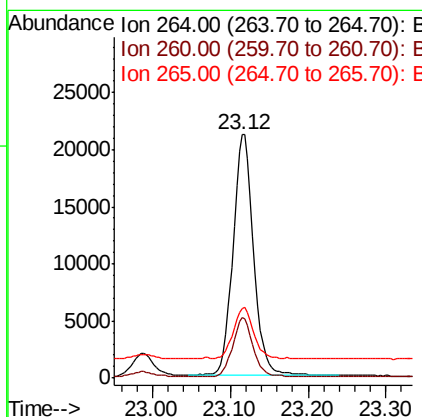
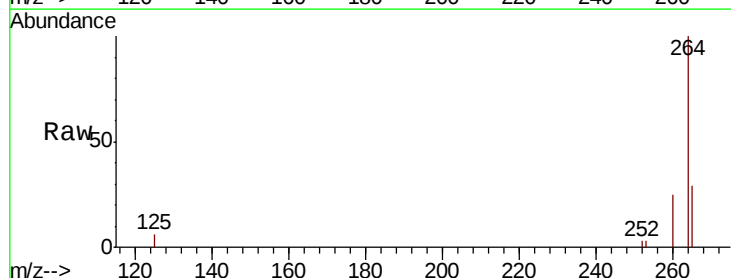
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 60135
 Ion Ratio Lower Upper
 276 100
 138 22.5 15.1 22.7
 277 25.2 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.12 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BN007520.D
 Acq: 30 Aug 2019 13:03

Tgt Ion:264 Resp: 38962
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 28.5 29.9 44.9#





#35

Benzo(b)fluoranthene

Concen: 0.418 ng

RT: 22.50 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

Instrument :

BNA_N

ClientSampleId :

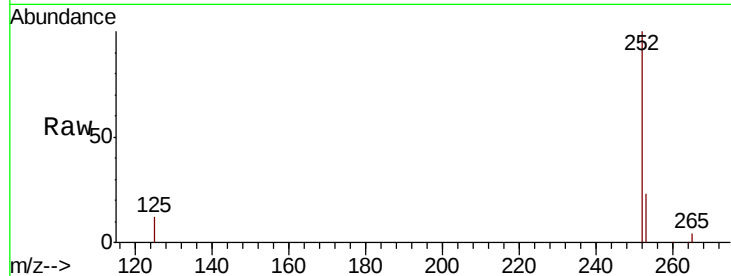
Tot Ion:252 Resp: 59052

Ion Ratio Lower Upper

252 100

253 23.1 19.2 28.8

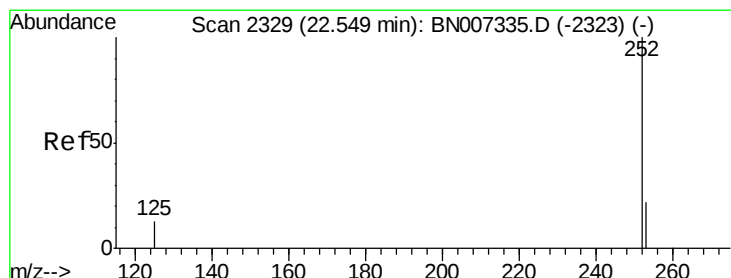
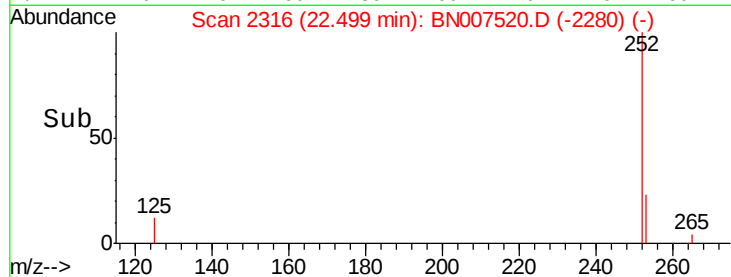
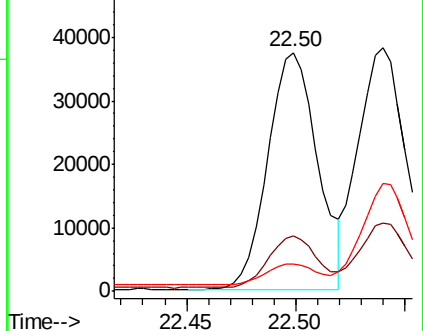
125 11.7 10.6 16.0



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



#36

Benzo(k)fluoranthene

Concen: 0.431 ng

RT: 22.54 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

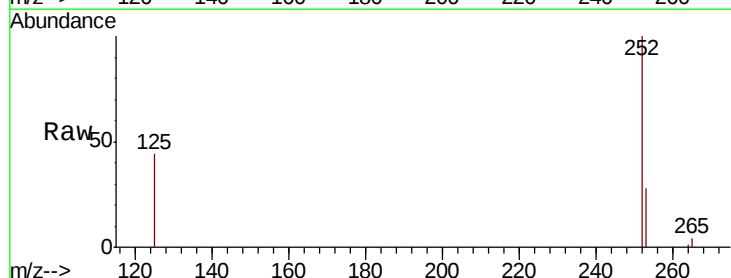
Tgt Ion:252 Resp: 60119

Ion Ratio Lower Upper

252 100

253 28.2 19.4 29.2

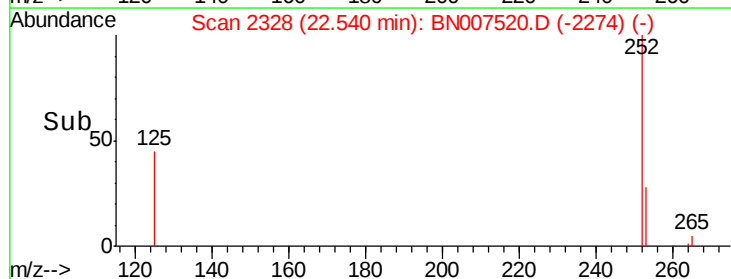
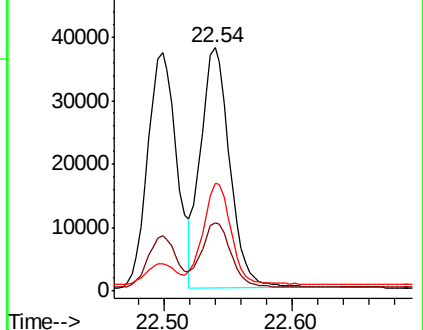
125 44.3 13.1 19.7#



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: 0.405 ng

RT: 23.03 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

Instrument :

BNA_N

ClientSampleId :

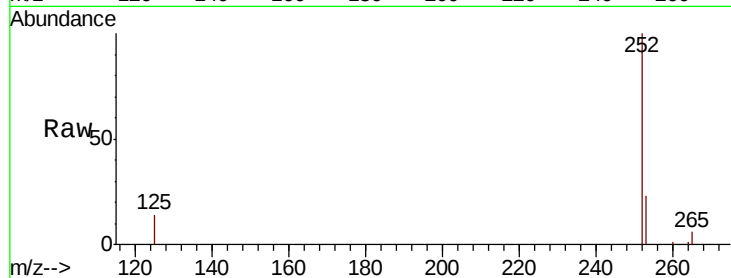
Tot Ion:252 Resp: 54406

Ion Ratio Lower Upper

252 100

253 23.3 19.5 29.3

125 13.9 12.1 18.1

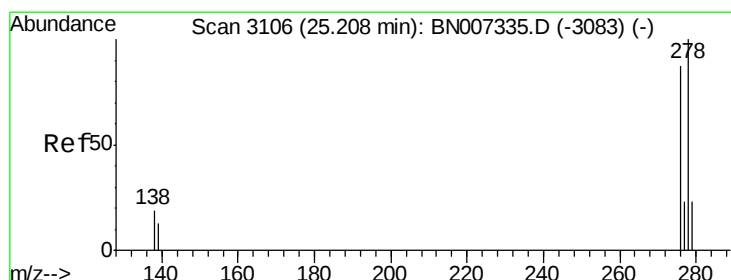
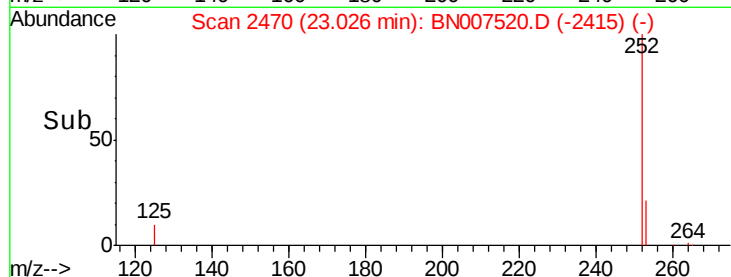
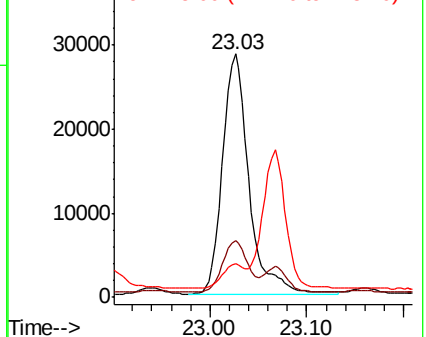


Abundance

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: 0.354 ng

RT: 25.19 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

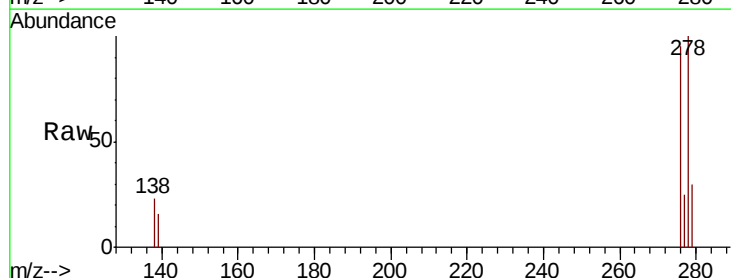
Tgt Ion:278 Resp: 47489

Ion Ratio Lower Upper

278 100

139 16.2 13.7 20.5

279 30.2 20.2 30.4

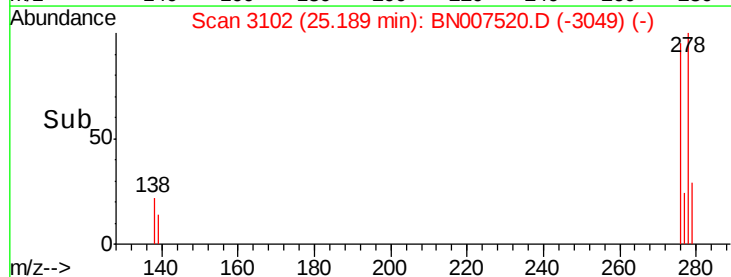
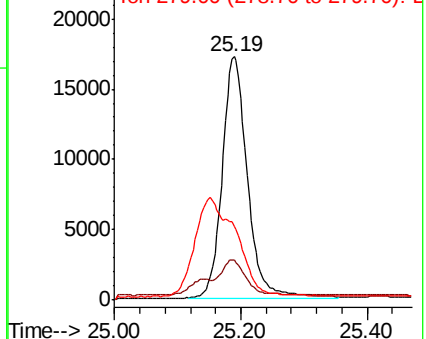


Abundance

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(a,h,i)perylene

Concen: 0.363 ng

RT: 25.80 min Scan# 3281

Delta R.T. -0.02 min

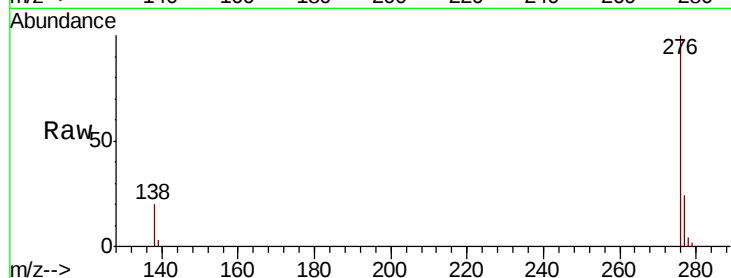
Lab File: BN007520.D

Acq: 30 Aug 2019 13:03

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 48442

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 20.1 16.3 24.5

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

