

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
 Data File : BN007288.D
 Acq On : 21 Aug 2019 11:27
 Operator : HP/JU
 Sample : K4409-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S300-J-1.5-2.0-081919MSD

Quant Time: Aug 21 12:35:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 18:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	4263	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	16432	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	9740	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	22415	0.40	ng	0.00
27) Chrysene-d12	21.03	240	21627	0.40	ng	0.00
34) Perylene-d12	23.14	264	23579	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	4970	0.38	ng	0.00
5) Phenol-d6	6.60	99	6461	0.43	ng	0.00
8) Nitrobenzene-d5	8.54	82	4663	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	11192	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2536	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	13738	0.33	ng	0.00
25) Fluoranthene-d10	18.85	212	22688	0.32	ng	0.00
29) Terphenyl-d14	19.47	244	17442	0.32	ng	0.00

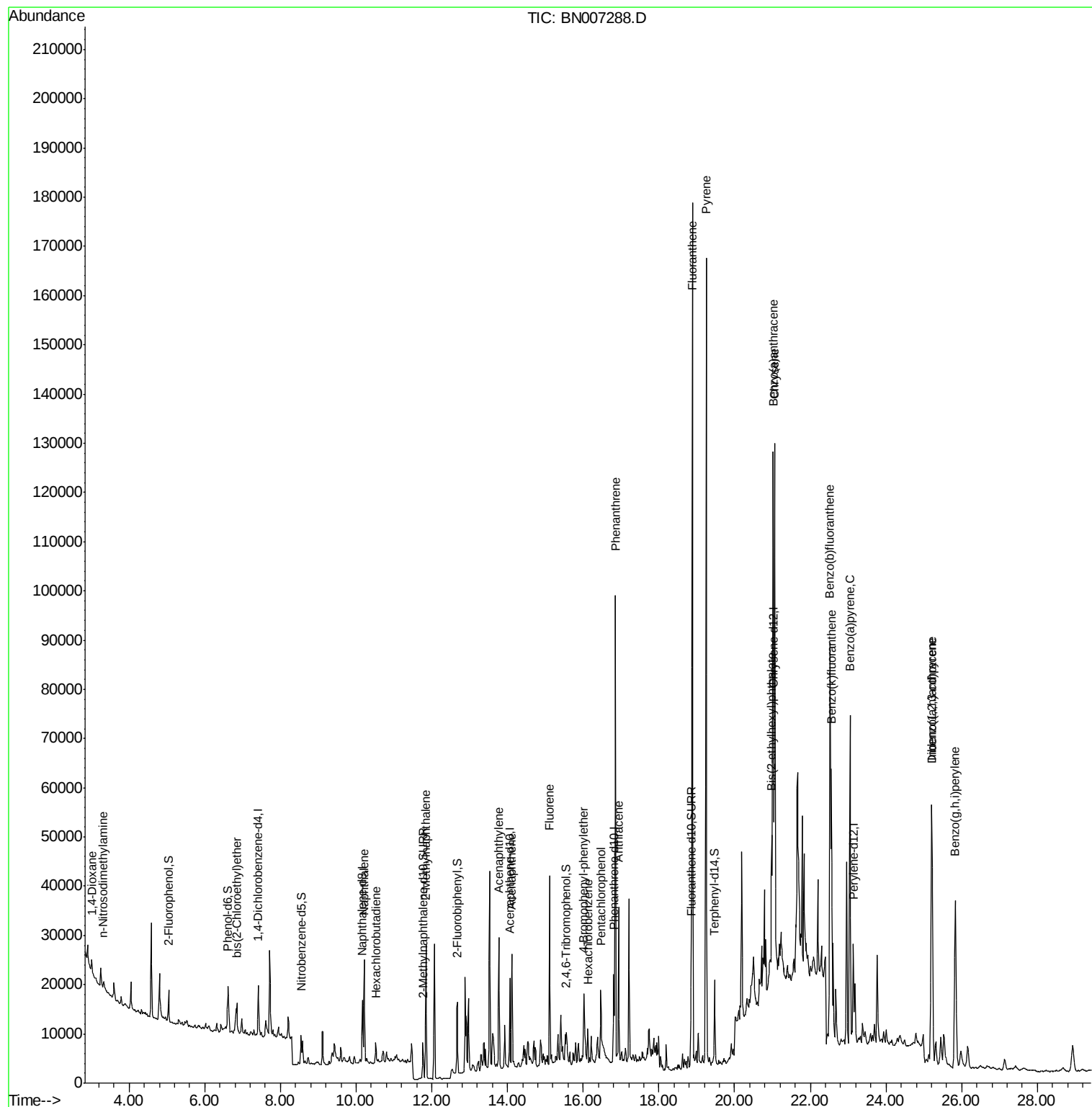
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	1789	0.296	ng	# 1
3) n-Nitrosodimethylamine	3.32	42	1159	0.286	ng	# 85
6) bis(2-Chloroethyl)ether	6.85	93	4551	0.361	ng	97
9) Naphthalene	10.22	128	24097	0.517	ng	100
10) Hexachlorobutadiene	10.52	225	3190	0.310	ng	# 99
12) 2-Methylnaphthalene	11.84	142	19557	0.606	ng	99
16) Acenaphthylene	13.77	152	29082	0.563	ng	99
17) Acenaphthene	14.11	154	12833	0.390	ng	97
18) Fluorene	15.12	166	18501	0.430	ng	96
20) 4-Bromophenyl-phenylether	16.01	248	4463	0.348	ng	# 79
21) Hexachlorobenzene	16.12	284	4532	0.305	ng	99
22) Pentachlorophenol	16.46	266	5736	0.962	ng	95
23) Phenanthrene	16.85	178	88746	1.263	ng	100
24) Anthracene	16.93	178	33756	0.534	ng	97
26) Fluoranthene	18.88	202	161069	1.893	ng	99
28) Pyrene	19.25	202	154930	1.916	ng	96
30) Benzo(a)anthracene	21.02	228	97144	1.208	ng	# 92
31) Chrysene	21.06	228	98086	1.195	ng	97
32) Bis(2-ethylhexyl)phthalate	20.98	149	23961	0.746	ng	98
33) Indeno(1,2,3-cd)pyrene	25.20	276	73079	0.740	ng	99
35) Benzo(b)fluoranthene	22.52	252	113912	1.296	ng	# 95
36) Benzo(k)fluoranthene	22.56	252	59151	0.687	ng	# 88
37) Benzo(a)pyrene	23.05	252	87013	1.098	ng	98
38) Dibenzo(a,h)anthracene	25.22	278	36090	0.434	ng	# 91
39) Benzo(g,h,i)perylene	25.83	276	69034	0.821	ng	98

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

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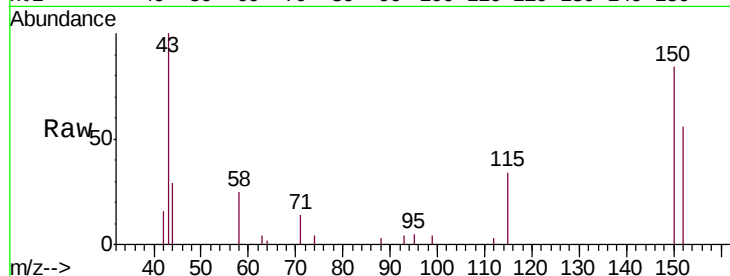


#1

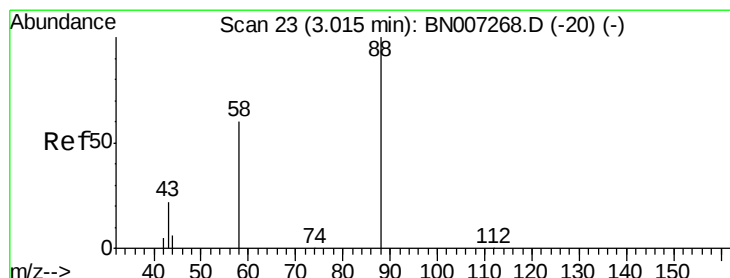
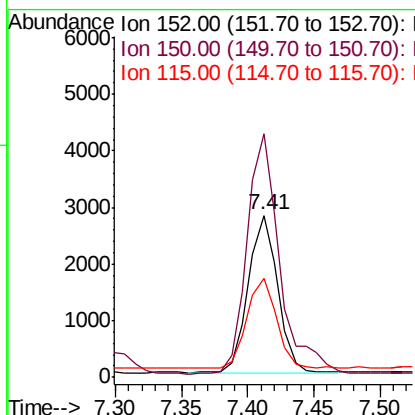
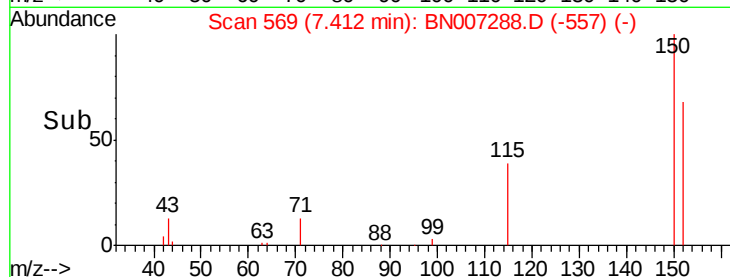
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919MSD

Tot Ion:152 Resp: 4263
Ion Ratio Lower Upper
152 100
150 150.4 123.8 185.8
115 61.2 47.3 70.9



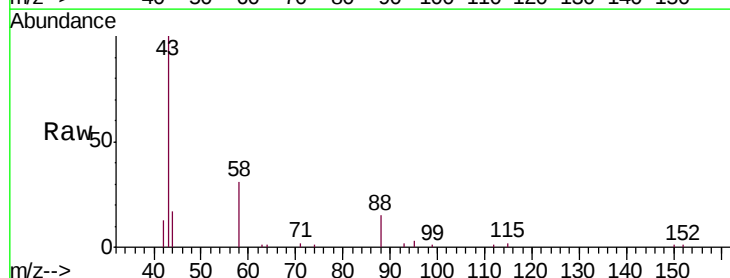
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



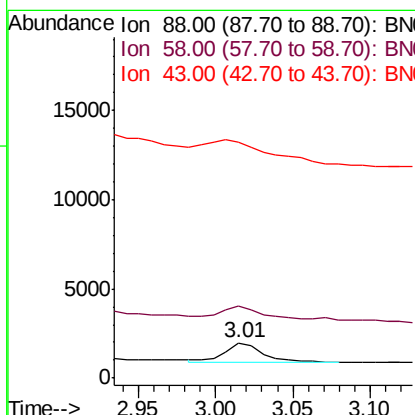
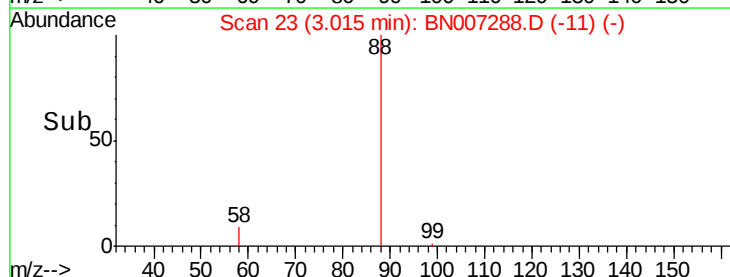
#2

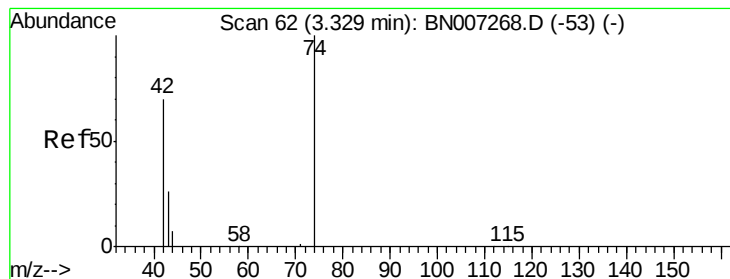
1,4-Dioxane
Concen: 0.296 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

Tgt Ion: 88 Resp: 1789
Ion Ratio Lower Upper
88 100
58 76.7 45.5 68.3#
43 202.1 20.4 30.6#



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: 0.286 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

Instrument :

BNA_N

ClientSampleId :

S300-J-1.5-2.0-081919MSD

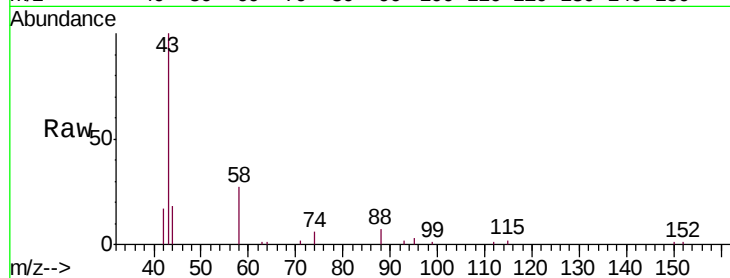
Tot Ion: 42 Resp: 1159

Ion Ratio Lower Upper

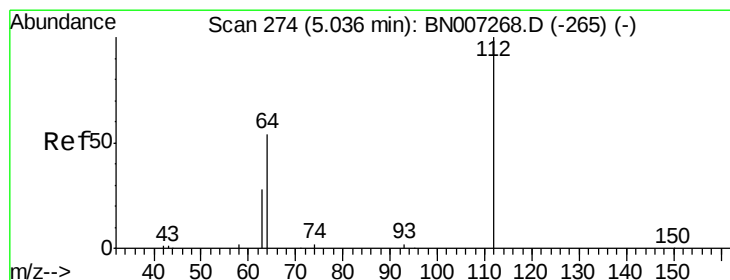
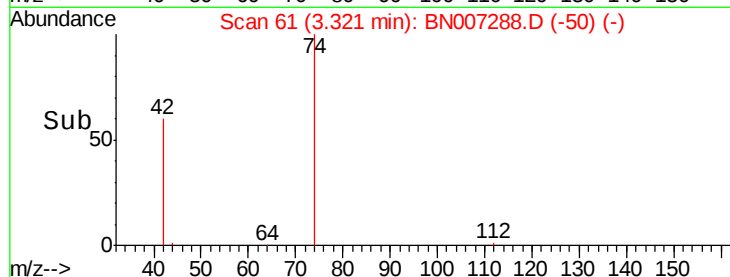
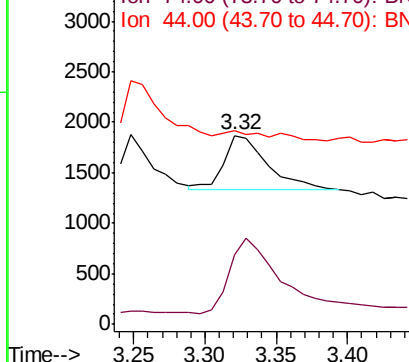
42 100

74 154.2 109.0 163.4

44 0.0 4.2 6.2#



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: 0.383 ng

RT: 5.04 min Scan# 275

Delta R.T. 0.01 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

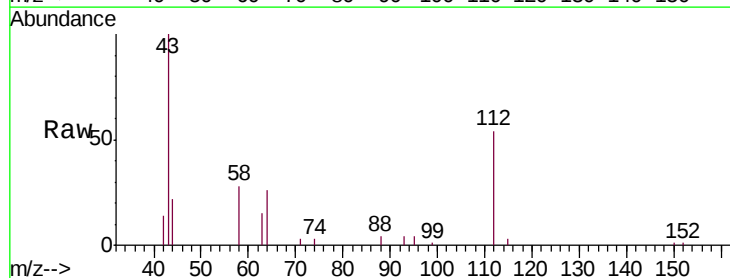
Tgt Ion: 112 Resp: 4970

Ion Ratio Lower Upper

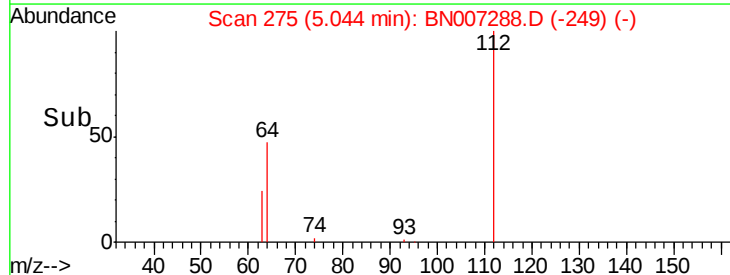
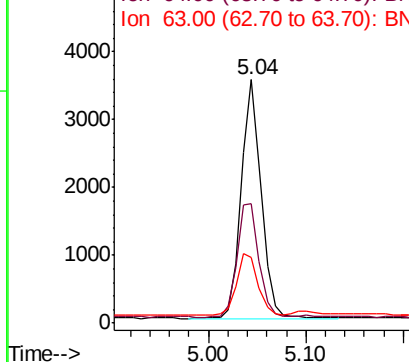
112 100

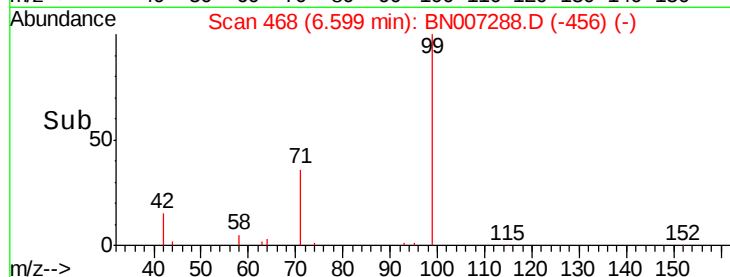
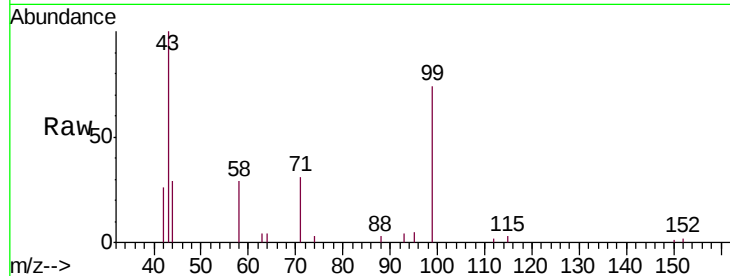
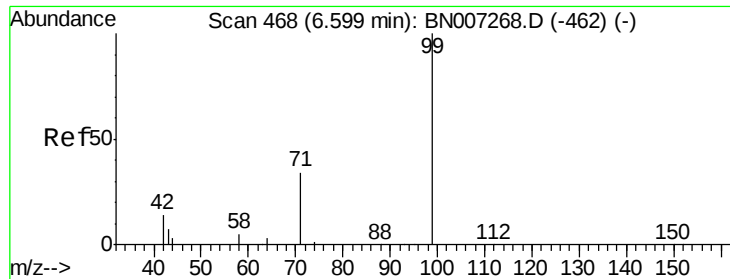
64 52.1 41.8 62.8

63 28.3 22.6 34.0



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





#5

Phenol-d6

Concen: 0.433 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

Instrument :

BNA_N

ClientSampleId :

S300-J-1.5-2.0-081919MSD

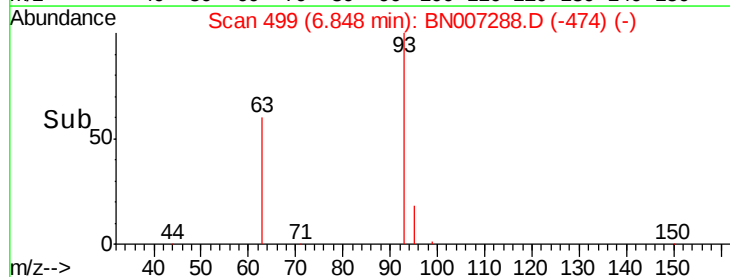
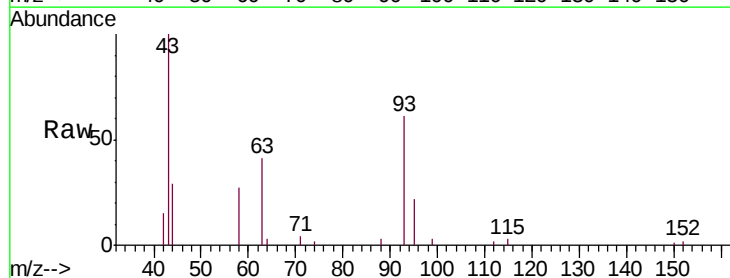
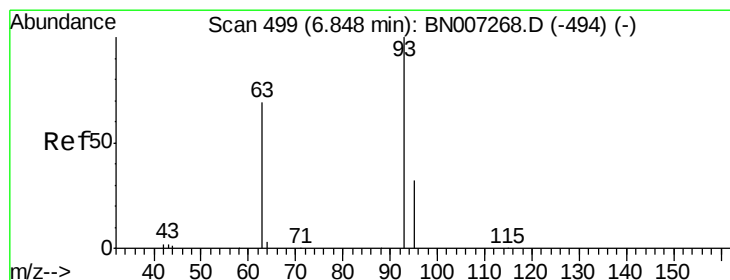
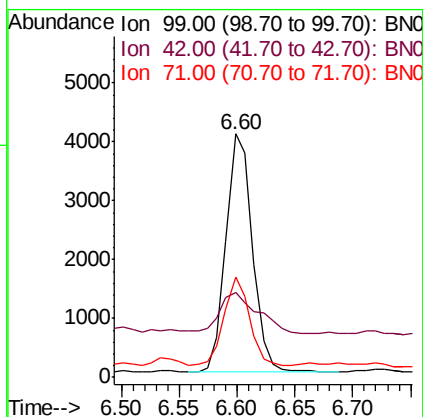
Tot Ion: 99 Resp: 6461

Ion Ratio Lower Upper

99 100

42 24.4 14.3 21.5#

71 34.8 27.3 40.9



#6

bis(2-Chloroethyl)ether

Concen: 0.361 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

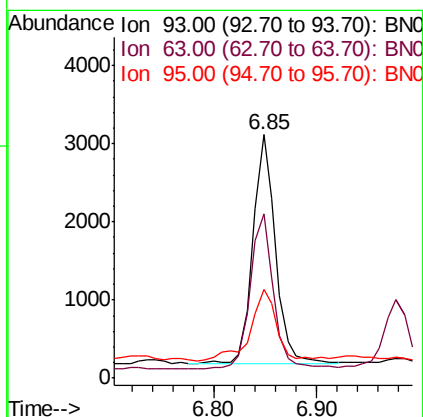
Tgt Ion: 93 Resp: 4551

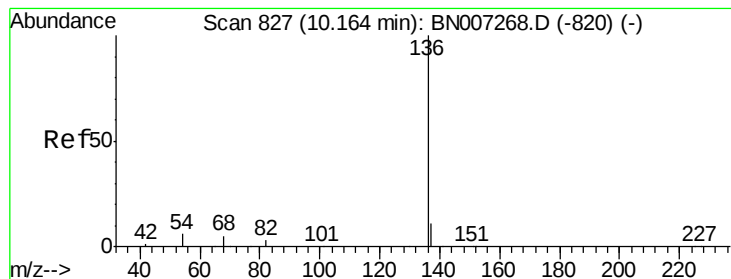
Ion Ratio Lower Upper

93 100

63 69.2 54.4 81.6

95 35.6 25.5 38.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

Instrument :

BNA_N

ClientSampleId :

S300-J-1.5-2.0-081919MSD

Tot Ion:136 Resp: 16432

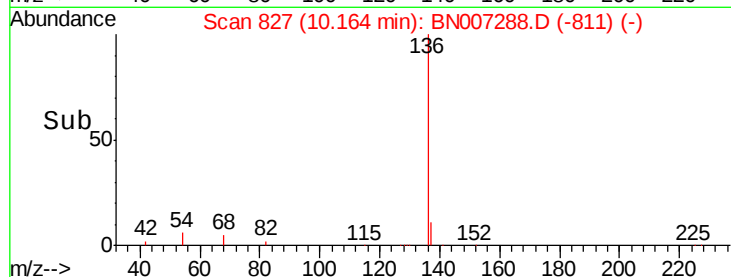
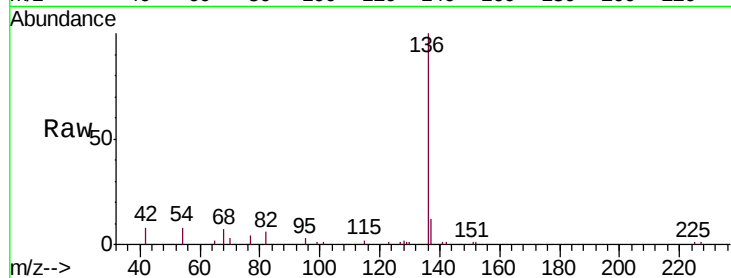
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 7.7 5.9 8.9

68 7.5 5.6 8.4

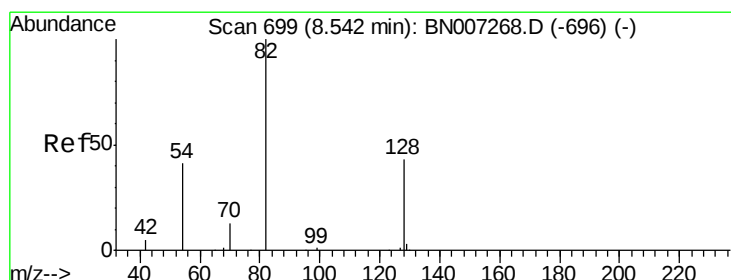
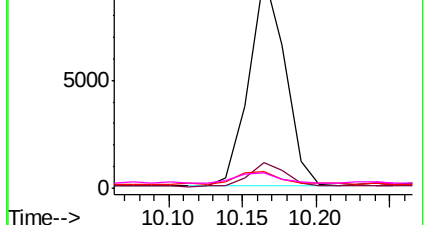


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.370 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

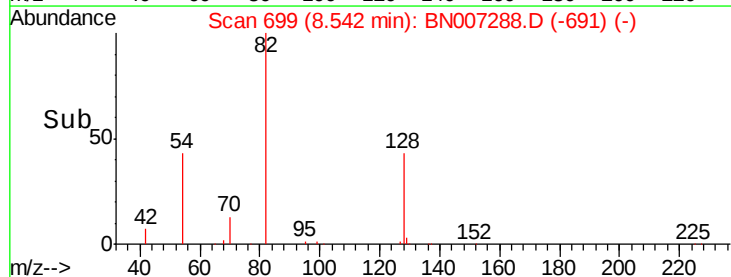
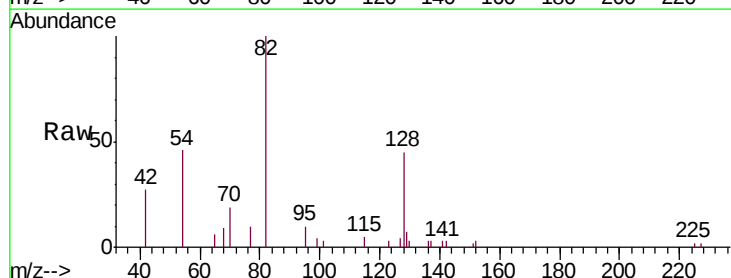
Tgt Ion: 82 Resp: 4663

Ion Ratio Lower Upper

82 100

128 44.8 35.8 53.6

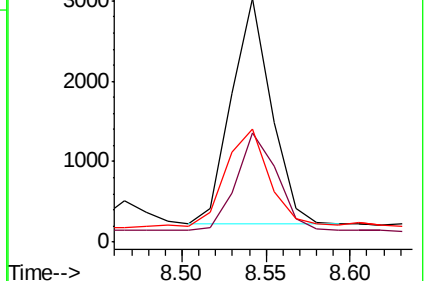
54 46.2 34.7 52.1

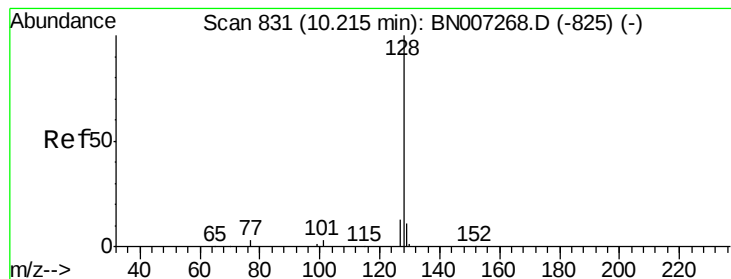


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.517 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN007288.D

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ClientSampleId :

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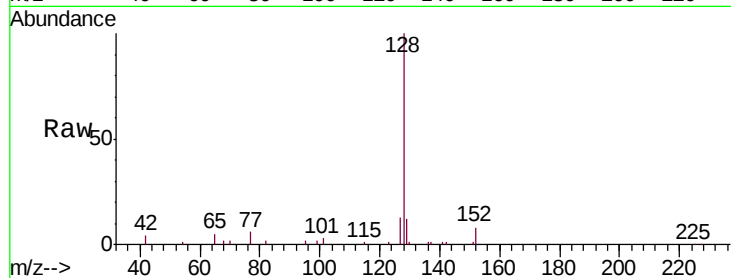
Tot Ion:128 Resp: 24097

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

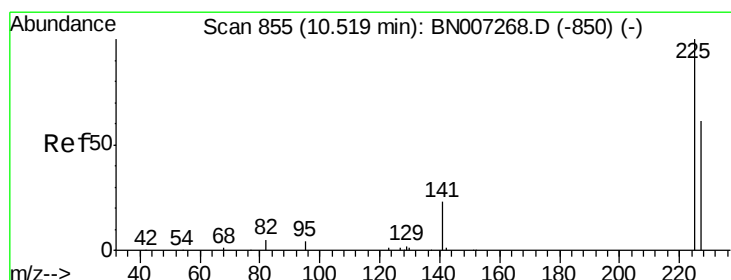
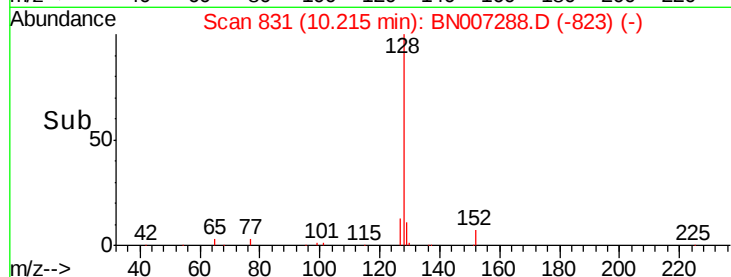
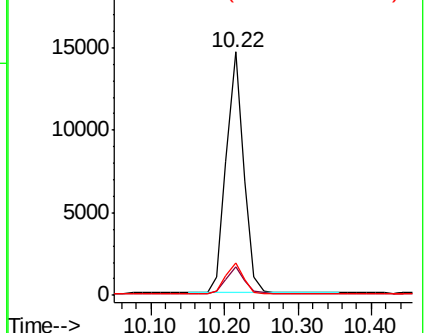
127 13.4 10.6 16.0



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: 0.310 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

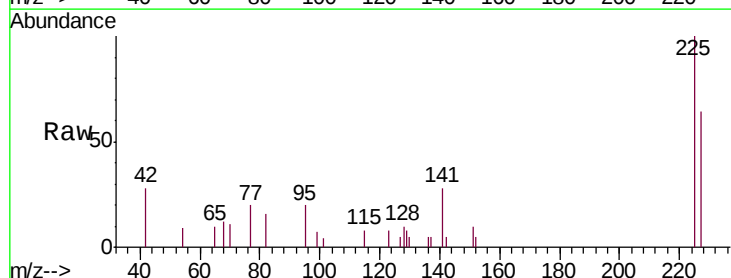
Tgt Ion:225 Resp: 3190

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

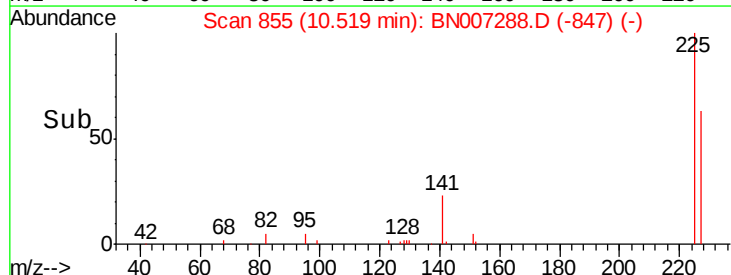
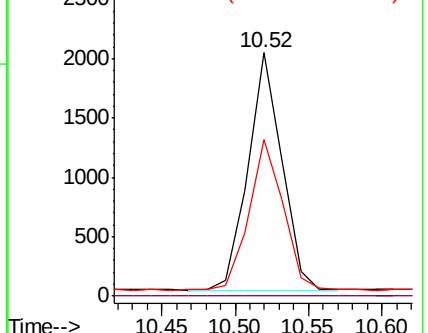
227 63.6 50.2 75.2

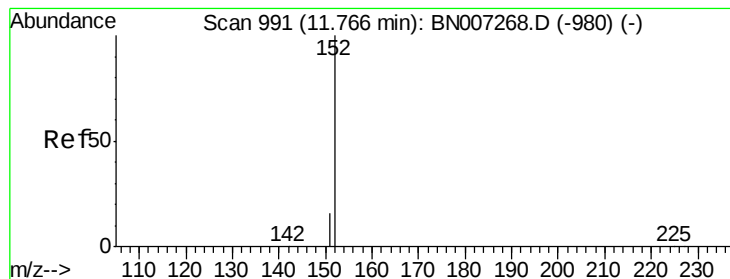


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 11.77 min Scan# 991

Delta R.T. -0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

Instrument :

BNA_N

ClientSampleId :

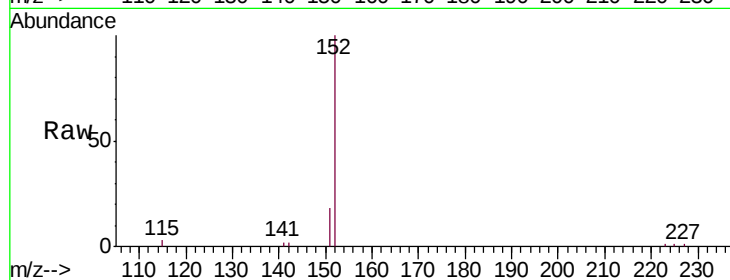
S300-J-1.5-2.0-081919MSD

Tot Ion:152 Resp: 11192

Ion Ratio Lower Upper

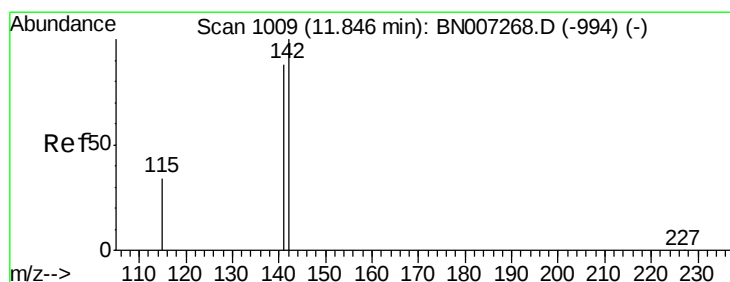
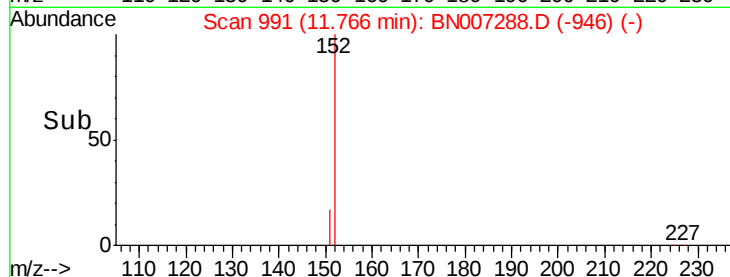
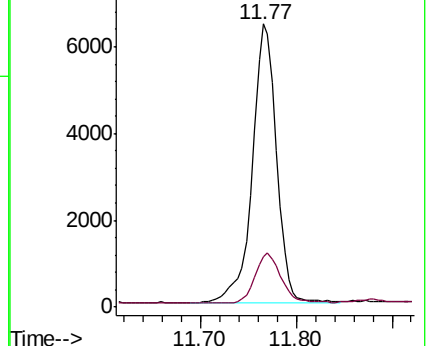
152 100

151 19.8 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.606 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

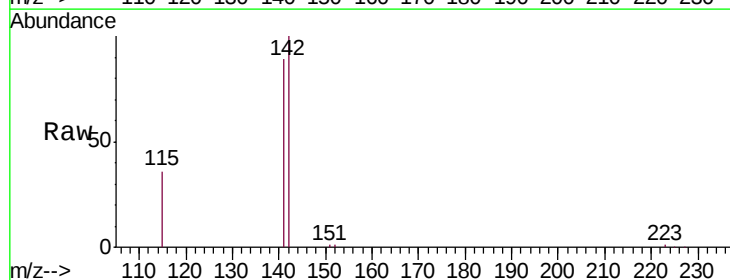
Tgt Ion:142 Resp: 19557

Ion Ratio Lower Upper

142 100

141 89.0 70.7 106.1

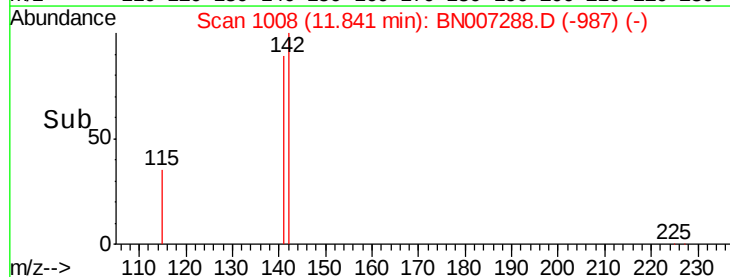
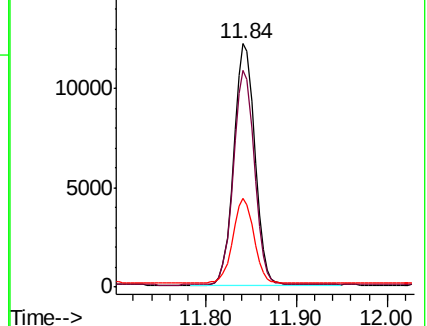
115 36.2 28.1 42.1

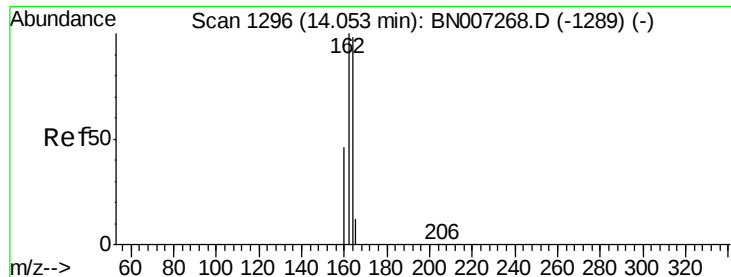


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

Instrument :

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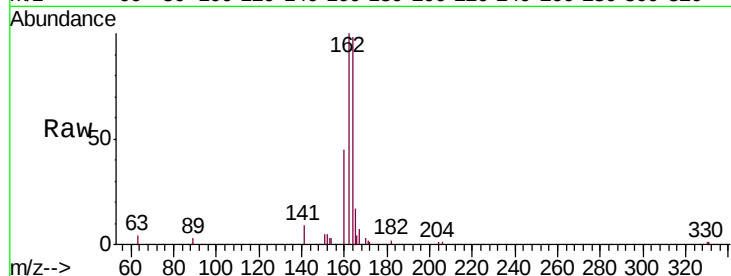
Tot Ion:164 Resp: 9740

Ion Ratio Lower Upper

164 100

162 101.6 82.0 123.0

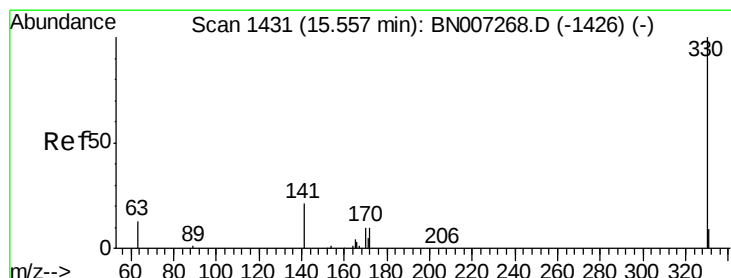
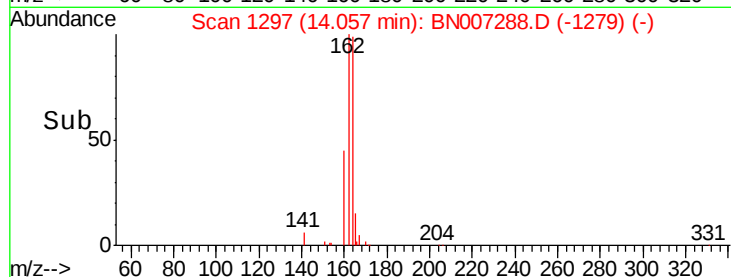
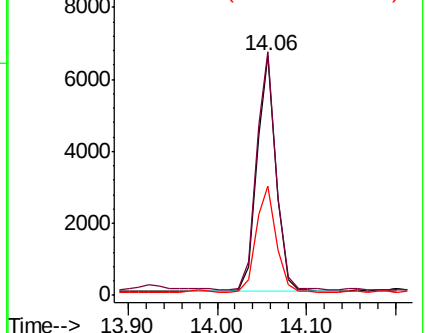
160 45.6 38.2 57.4



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: 0.464 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

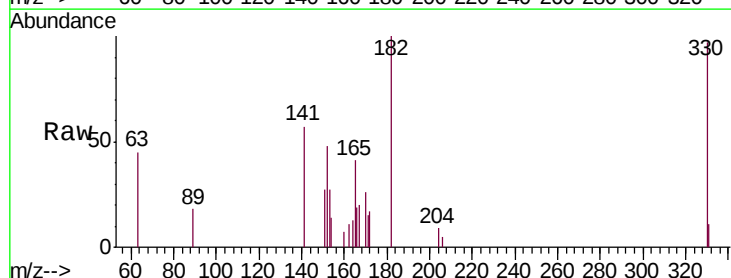
Tgt Ion:330 Resp: 2536

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

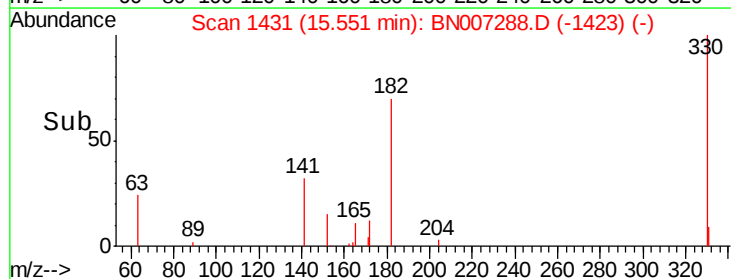
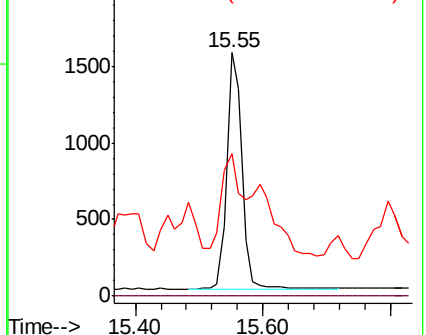
141 50.2 30.3 45.5#

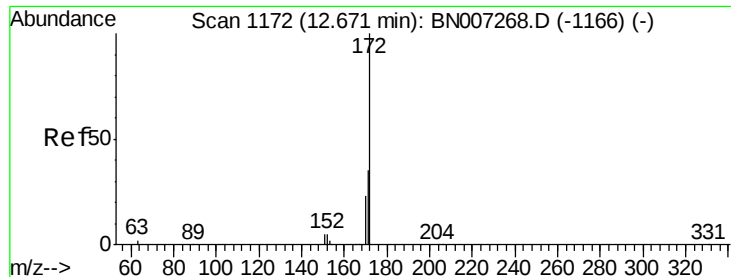


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

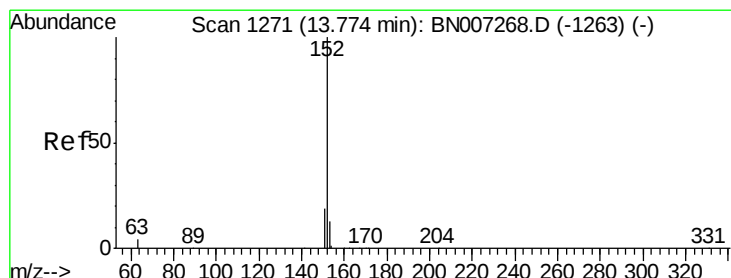
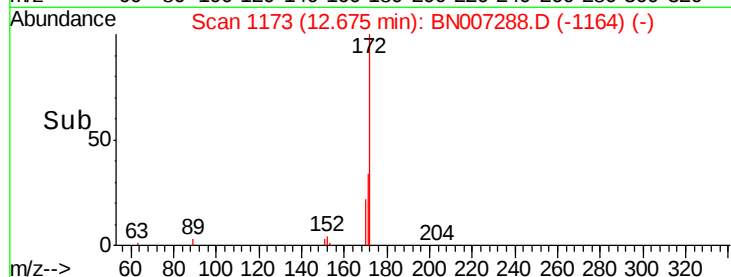
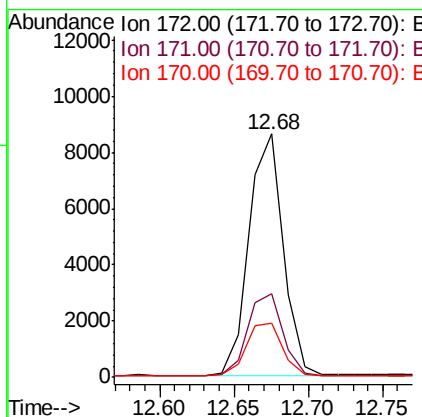
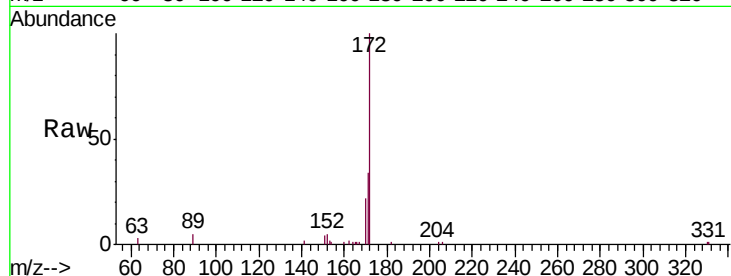




#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

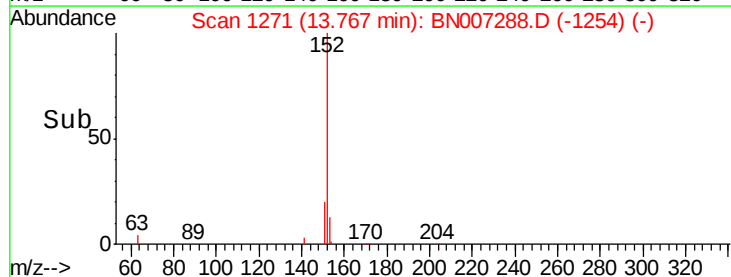
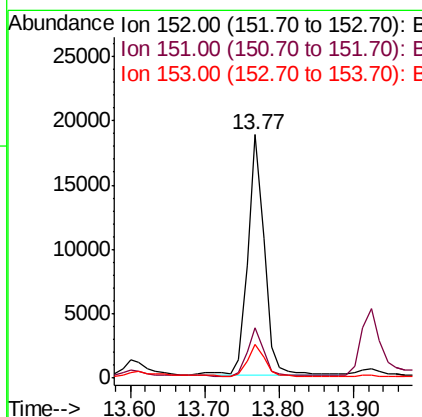
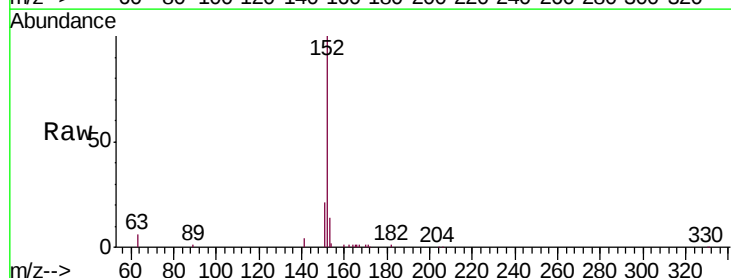
Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919MSD

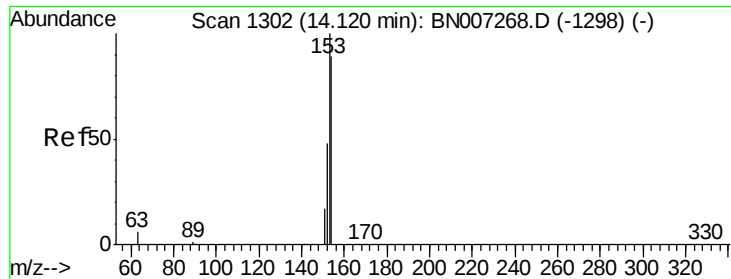
Tot Ion:172 Resp: 13738
Ion Ratio Lower Upper
172 100
171 34.4 28.6 43.0
170 22.2 18.7 28.1



#16
Acenaphthylene
Concen: 0.563 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

Tgt Ion:152 Resp: 29082
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.2
153 13.5 10.1 15.1





#17

Acenaphthene

Concen: 0.390 ng

RT: 14.11 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

Instrument :

BNA_N

ClientSampleId :

S300-J-1.5-2.0-081919MSD

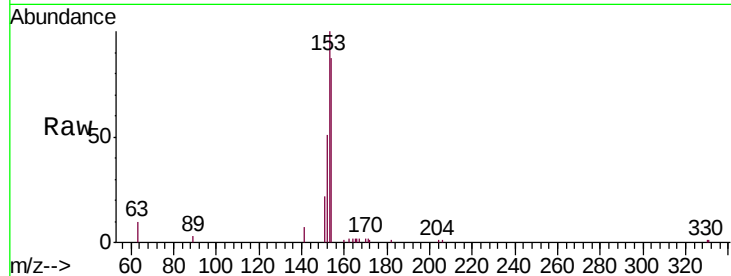
Tot Ion:154 Resp: 12833

Ion Ratio Lower Upper

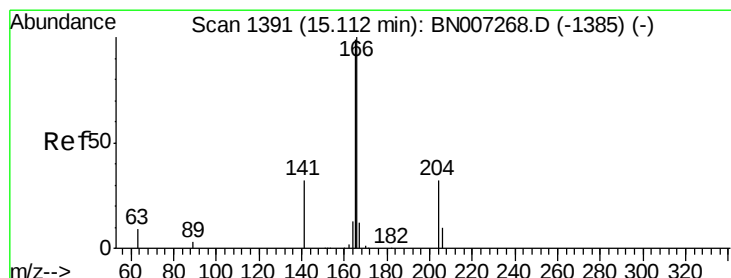
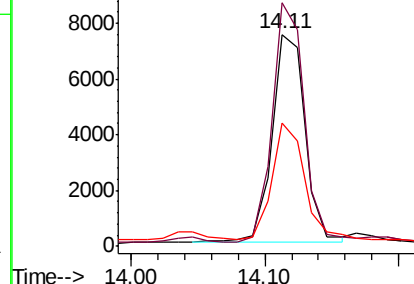
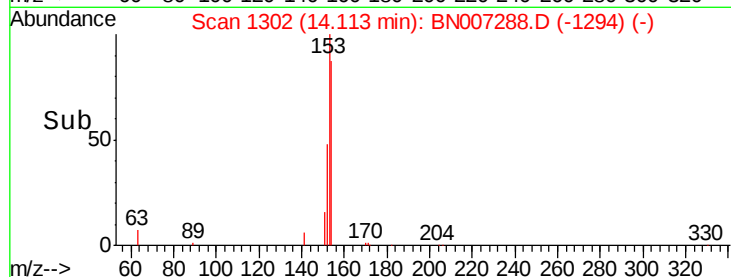
154 100

153 114.4 89.9 134.9

152 58.0 43.9 65.9



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: 0.430 ng

RT: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

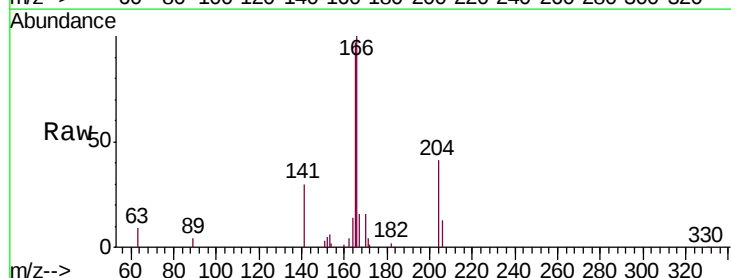
Tgt Ion:166 Resp: 18501

Ion Ratio Lower Upper

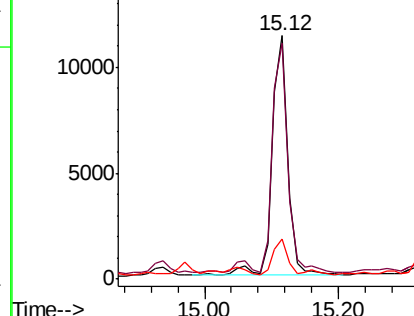
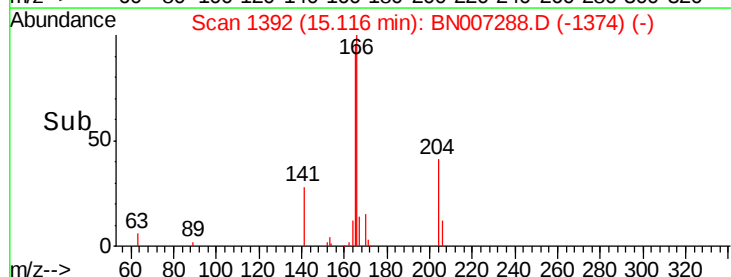
166 100

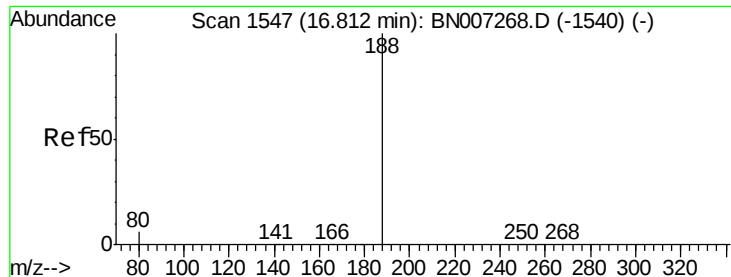
165 93.2 78.3 117.5

167 13.9 11.1 16.7



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: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

Instrument :

BNA_N

ClientSampleId :

S300-J-1.5-2.0-081919MSD

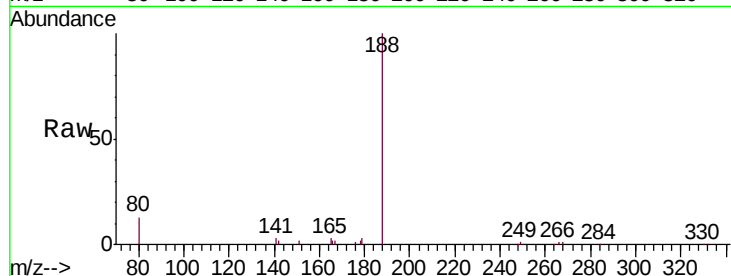
Tot Ion:188 Resp: 22415

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

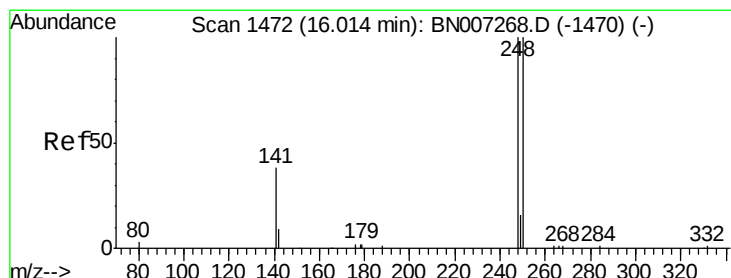
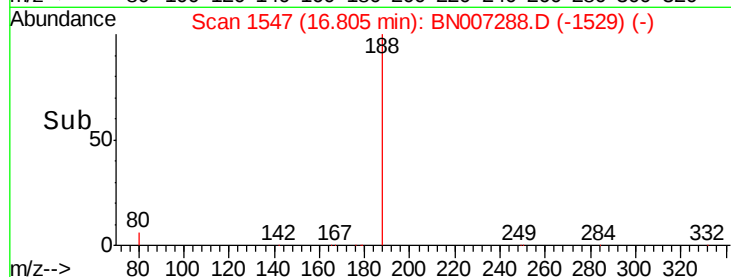
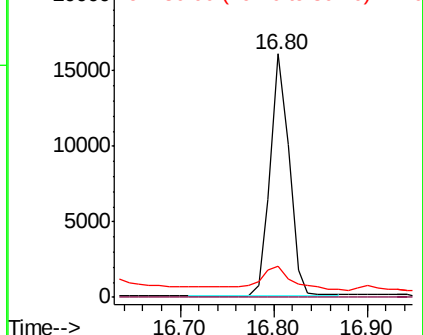
80 13.0 5.2 7.8#



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: 0.348 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

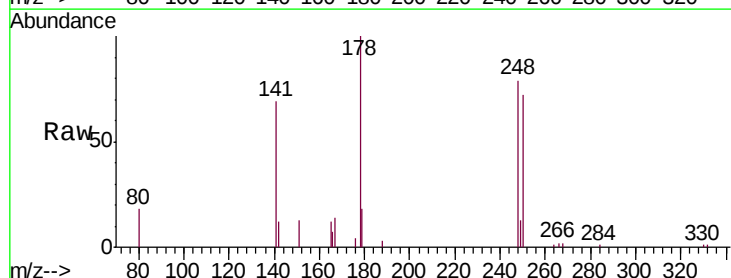
Tgt Ion:248 Resp: 4463

Ion Ratio Lower Upper

248 100

250 91.9 79.6 119.4

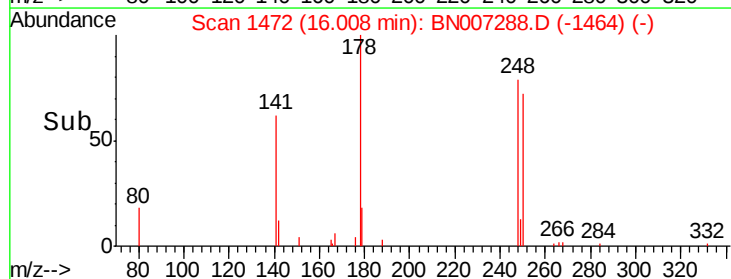
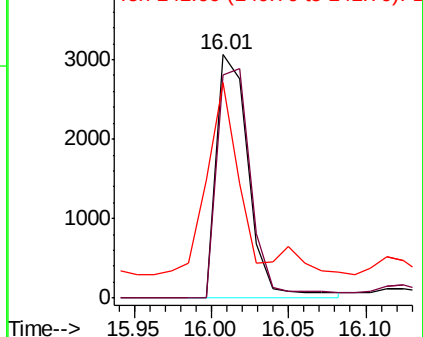
141 88.4 45.1 67.7#



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: 0.305 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

Instrument :

BNA_N

ClientSampleId :

S300-J-1.5-2.0-081919MSD

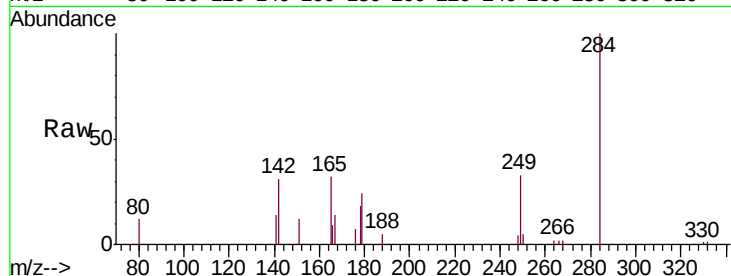
Tot Ion:284 Resp: 4532

Ion Ratio Lower Upper

284 100

142 37.5 29.5 44.3

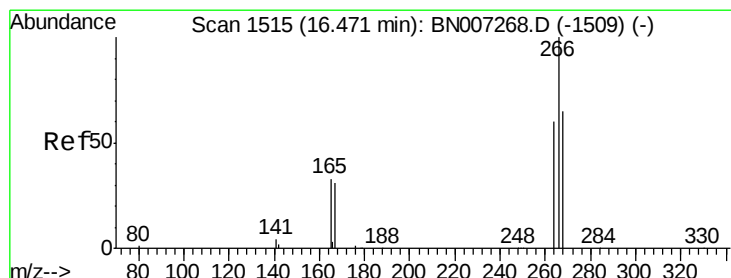
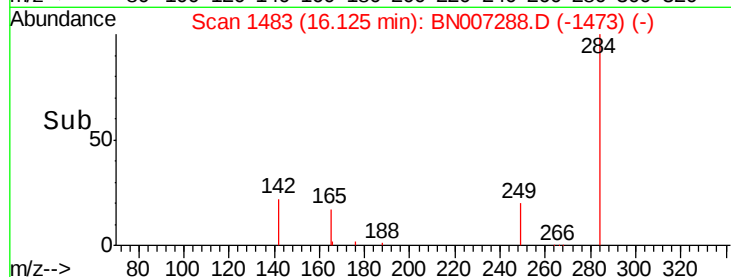
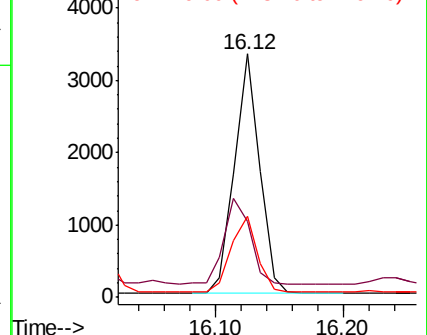
249 32.9 26.2 39.4



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: 0.962 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

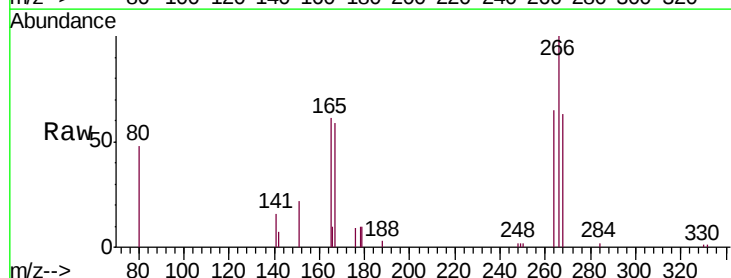
Tgt Ion:266 Resp: 5736

Ion Ratio Lower Upper

266 100

264 64.7 48.7 73.1

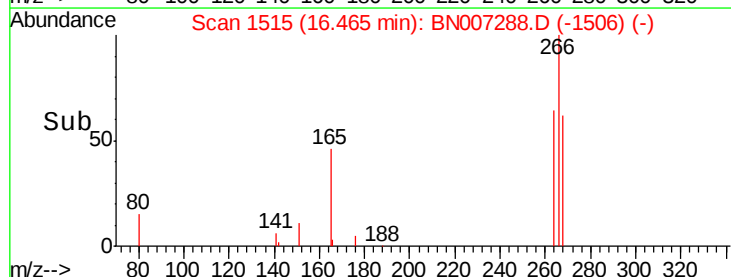
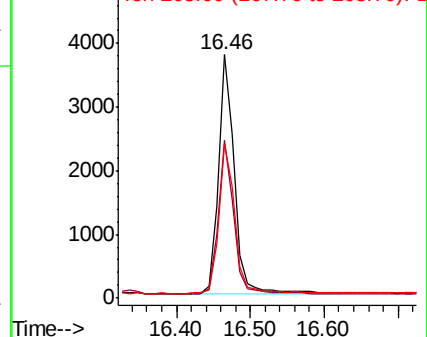
268 63.2 53.5 80.3

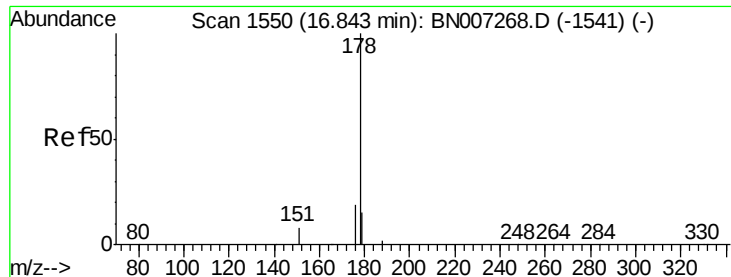


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.263 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

Instrument :

BNA_N

ClientSampleId :

S300-J-1.5-2.0-081919MSD

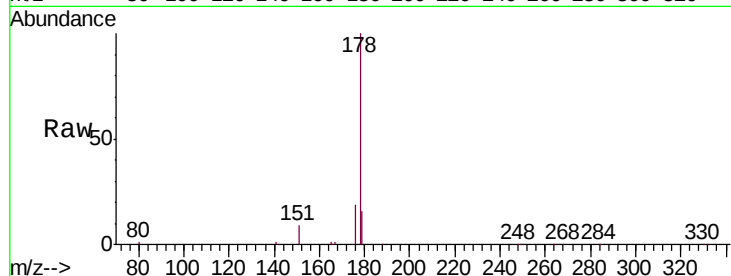
Tot Ion:178 Resp: 88746

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

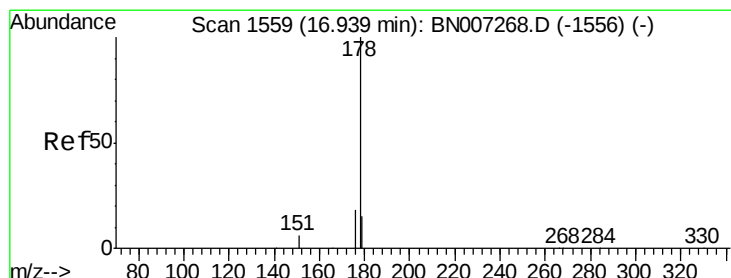
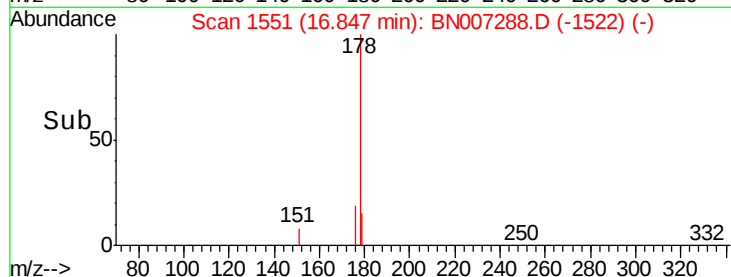
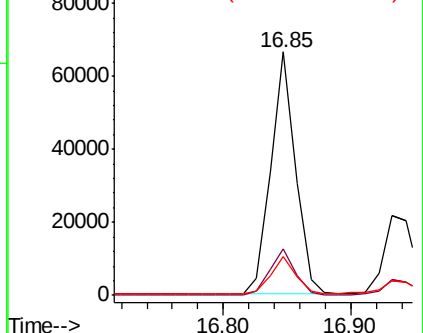
179 15.4 12.3 18.5



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: 0.534 ng

RT: 16.93 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

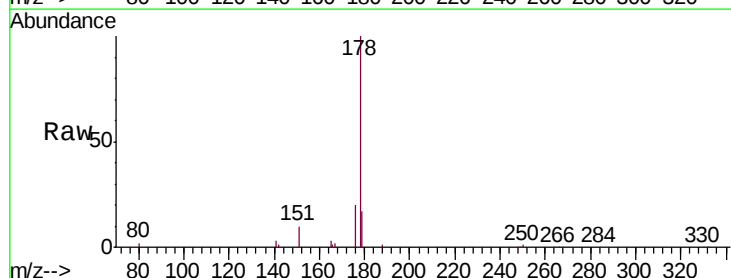
Tgt Ion:178 Resp: 33756

Ion Ratio Lower Upper

178 100

176 18.8 14.3 21.5

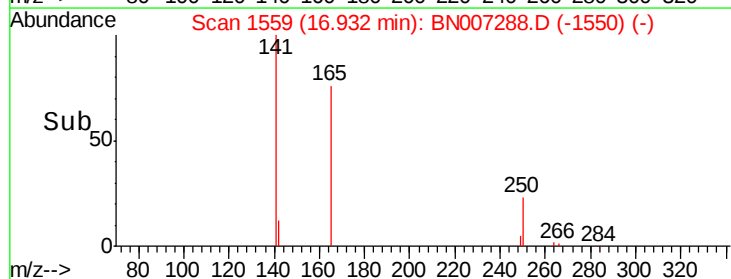
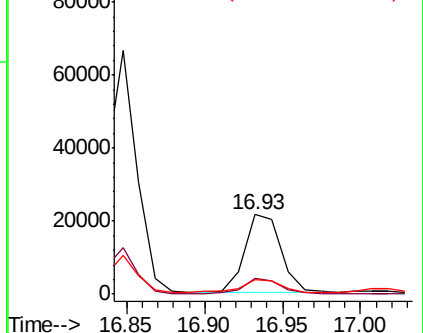
179 17.3 12.3 18.5

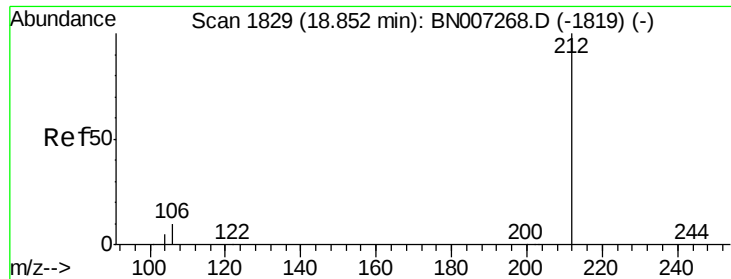


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.319 ng

RT: 18.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

Instrument :

BNA_N

ClientSampleId :

S300-J-1.5-2.0-081919MSD

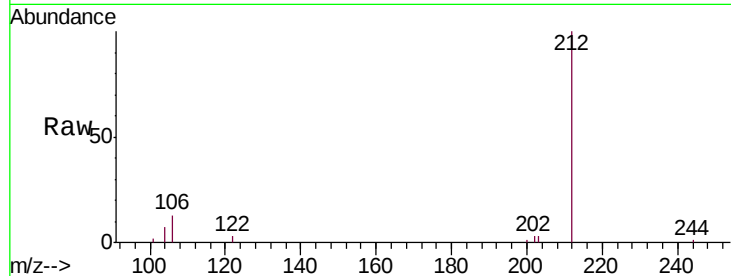
Tot Ion:212 Resp: 22688

Ion Ratio Lower Upper

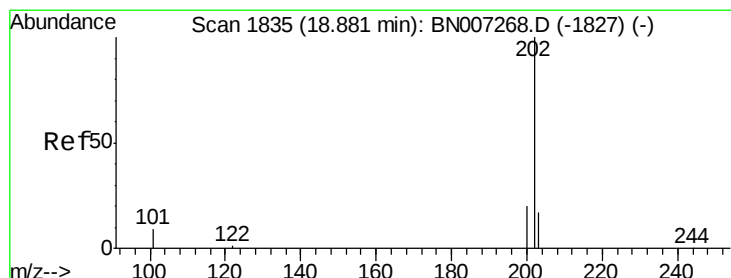
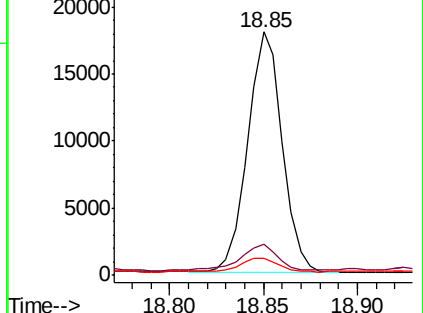
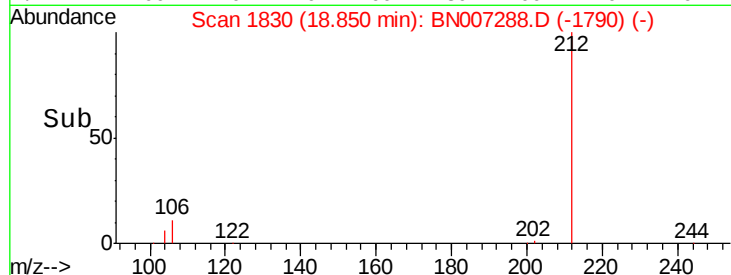
212 100

106 11.5 8.2 12.4

104 6.6 4.7 7.1



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: 1.893 ng

RT: 18.88 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

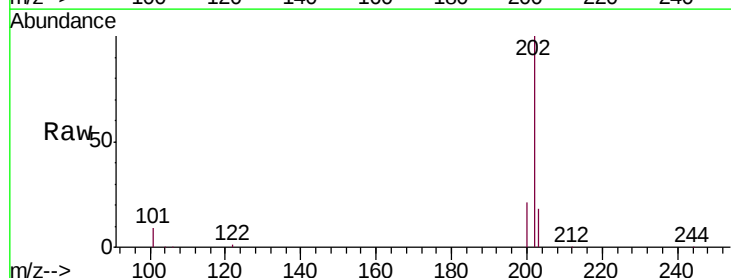
Tgt Ion:202 Resp: 161069

Ion Ratio Lower Upper

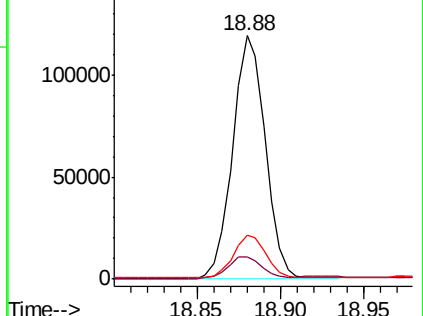
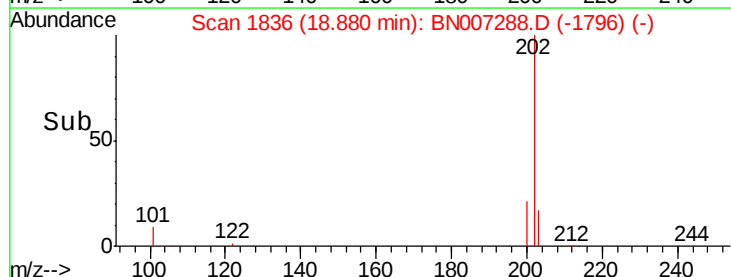
202 100

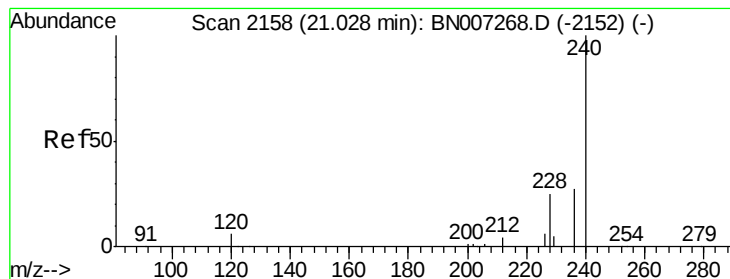
101 9.1 7.2 10.8

203 17.6 13.8 20.6



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: 21.03 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

Instrument :

BNA_N

ClientSampleId :

S300-J-1.5-2.0-081919MSD

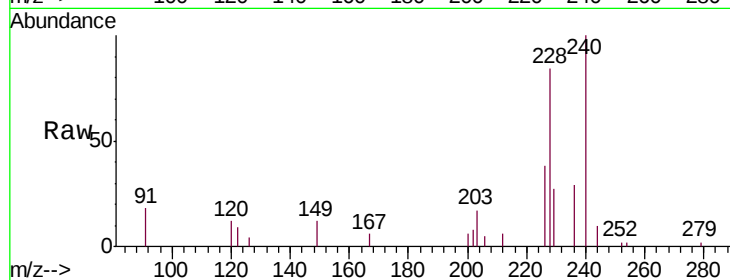
Tot Ion:240 Resp: 21627

Ion Ratio Lower Upper

240 100

120 12.2 5.6 8.4#

236 29.1 21.6 32.4

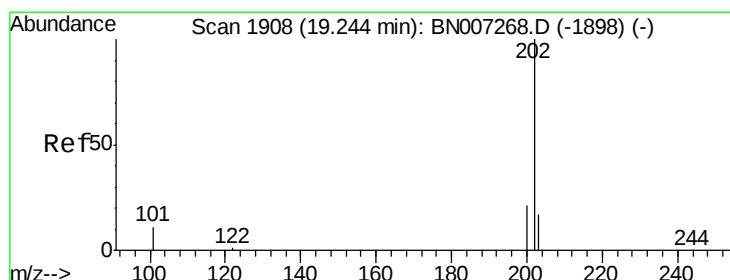
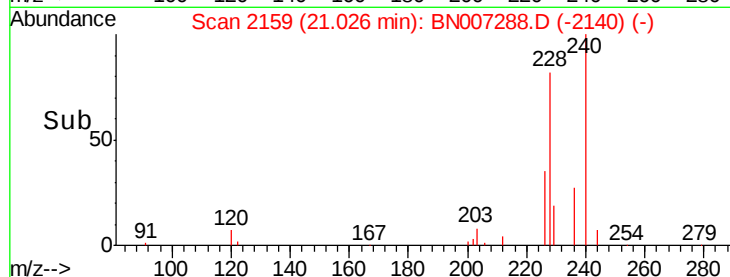
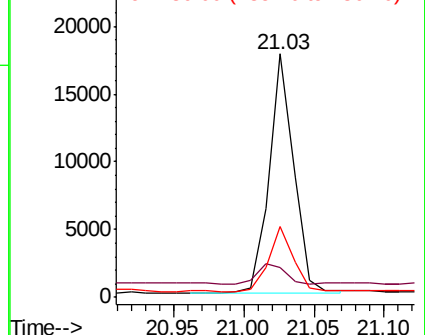


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.916 ng

RT: 19.25 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

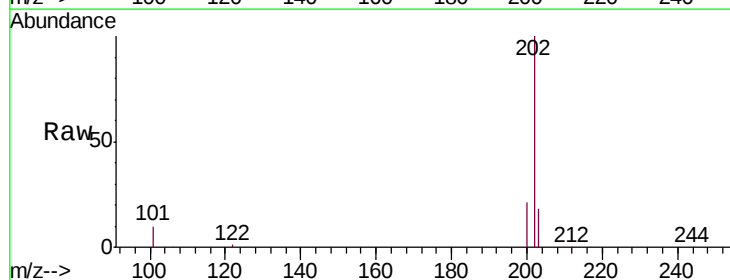
Tgt Ion:202 Resp: 154930

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 20.8 13.9 20.9

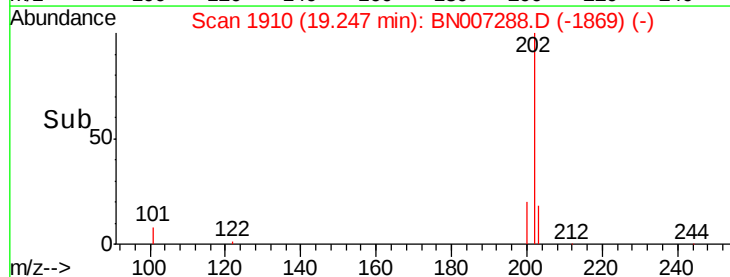
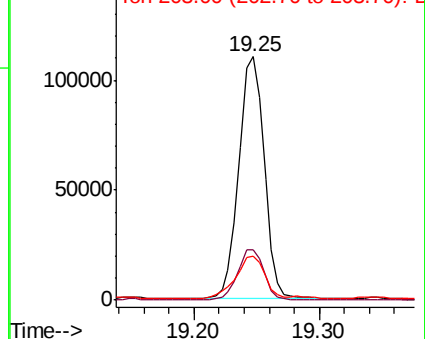


Abundance

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: 0.322 ng

RT: 19.47 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

Instrument :

BNA_N

ClientSampleId :

S300-J-1.5-2.0-081919MSD

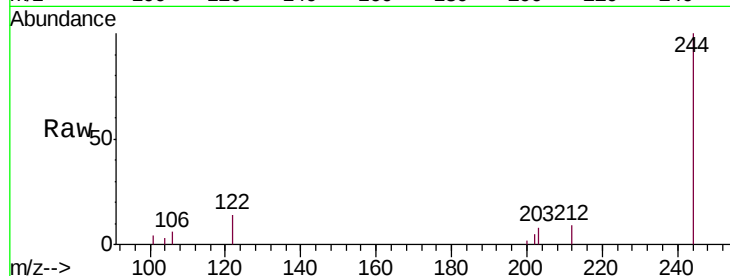
Tot Ion:244 Resp: 17442

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

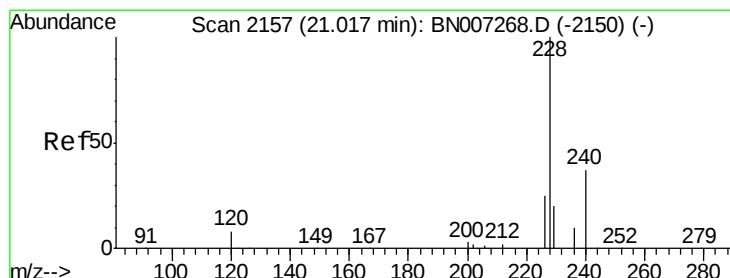
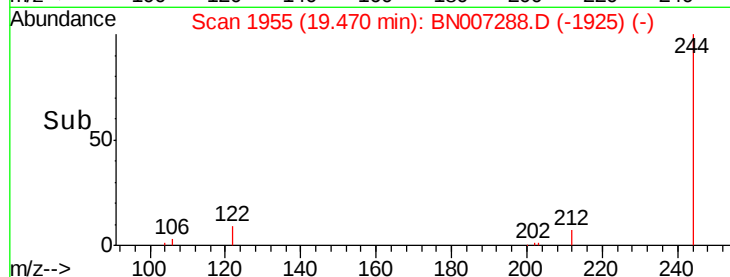
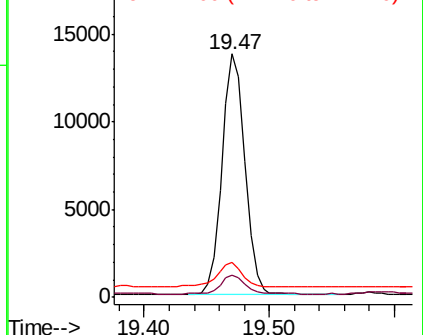
122 14.1 7.9 11.9#



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: 1.208 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

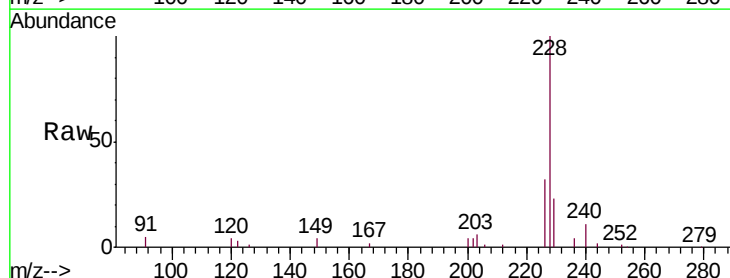
Tgt Ion:228 Resp: 97144

Ion Ratio Lower Upper

228 100

226 31.6 20.6 30.8#

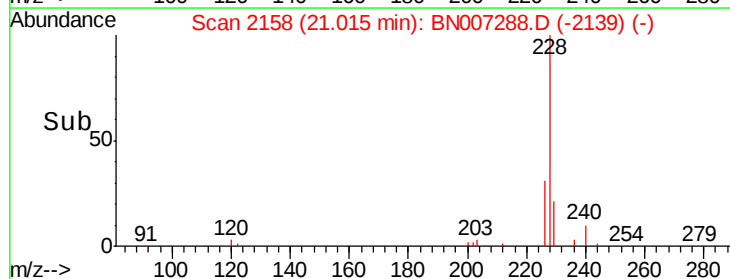
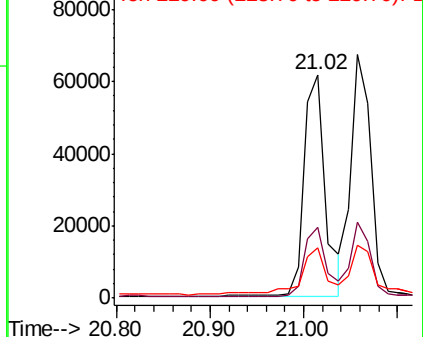
229 22.6 16.9 25.3



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: 1.195 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

Instrument:

BNA_N

ClientSampleId:

S300-J-1.5-2.0-081919MSD

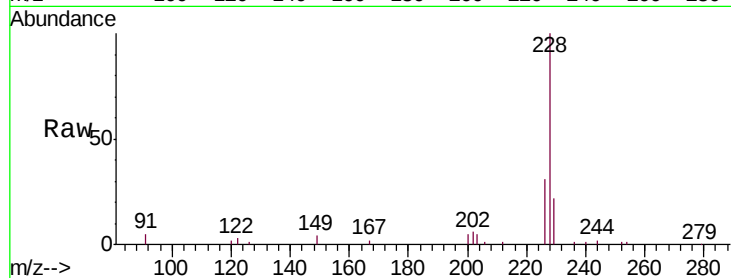
Tot Ion:228 Resp: 98086

Ion Ratio Lower Upper

228 100

226 31.2 24.6 36.8

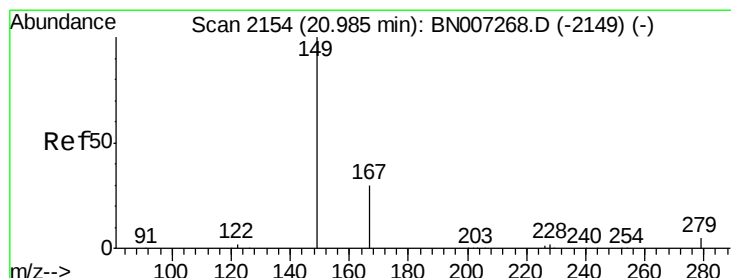
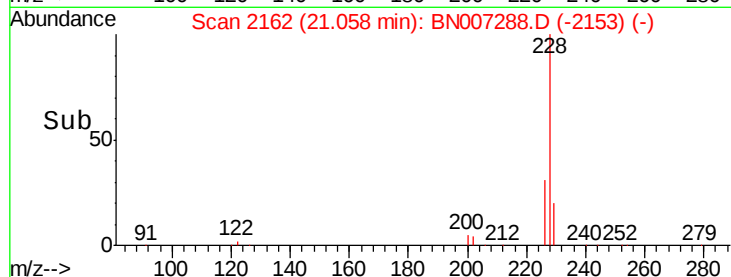
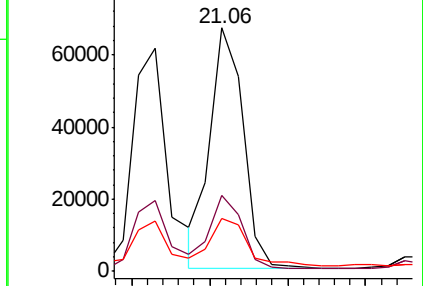
229 21.8 15.6 23.4



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.746 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

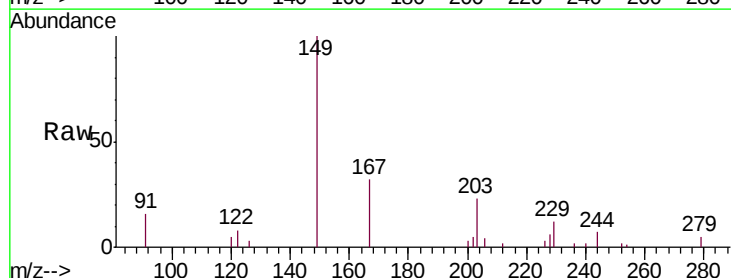
Tgt Ion:149 Resp: 23961

Ion Ratio Lower Upper

149 100

167 31.0 23.8 35.6

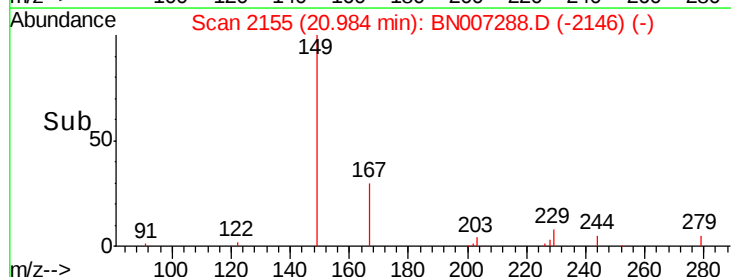
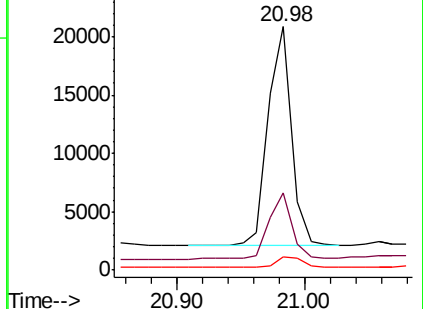
279 5.1 3.8 5.8

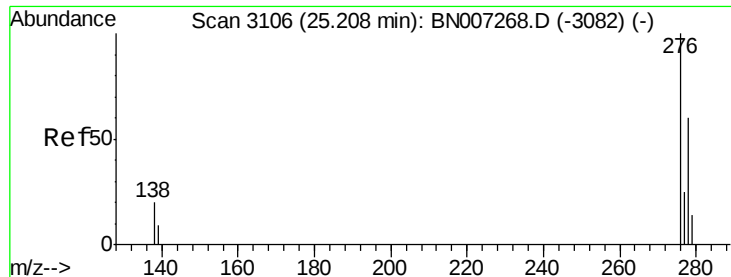


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

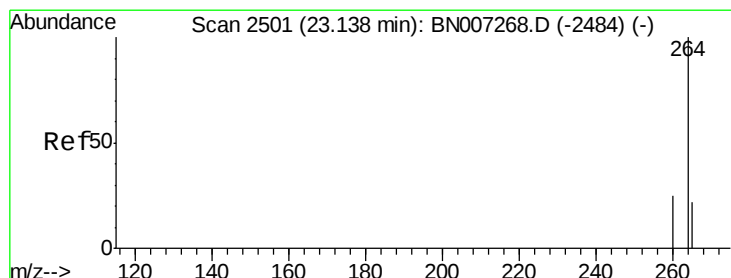
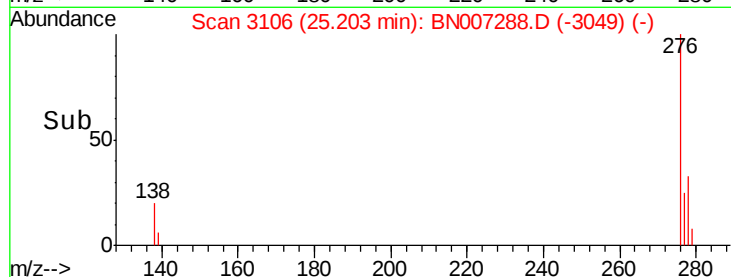
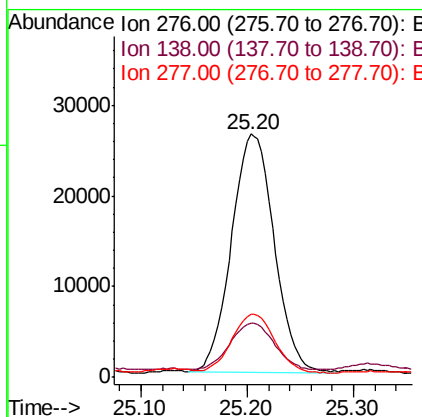
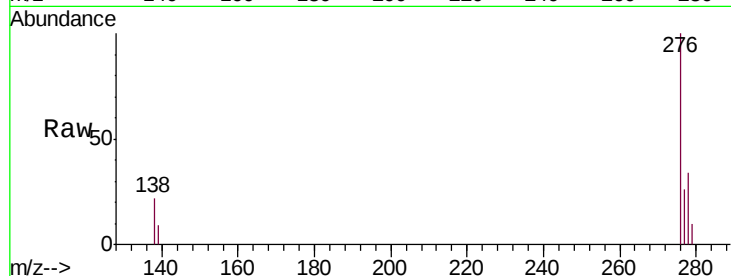




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.740 ng
 RT: 25.20 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BN007288.D
 Acq: 21 Aug 2019 11:27

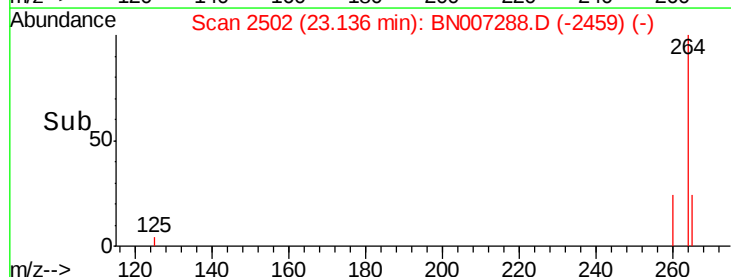
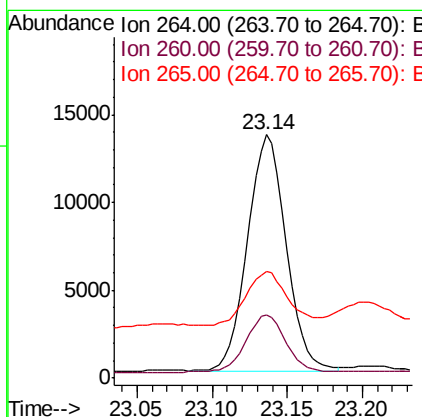
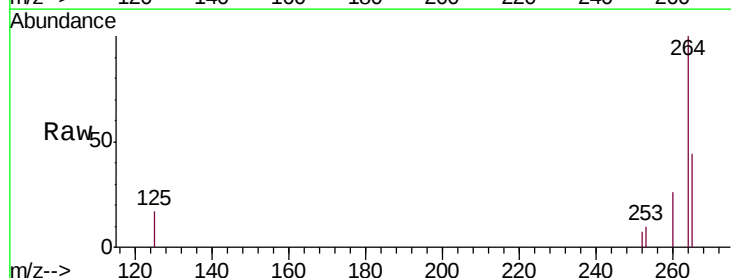
Instrument :
 BNA_N
 ClientSampleId :
 S300-J-1.5-2.0-081919MSD

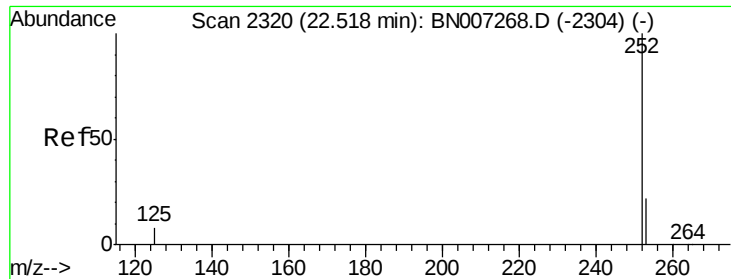
Tot Ion:276 Resp: 73079
 Ion Ratio Lower Upper
 276 100
 138 20.4 17.1 25.7
 277 25.0 20.1 30.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.14 min Scan# 2502
 Delta R.T. -0.00 min
 Lab File: BN007288.D
 Acq: 21 Aug 2019 11:27

Tgt Ion:264 Resp: 23579
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.1 30.1
 265 44.0 29.0 43.6#

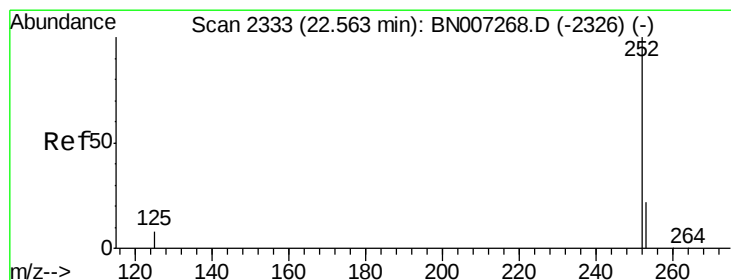
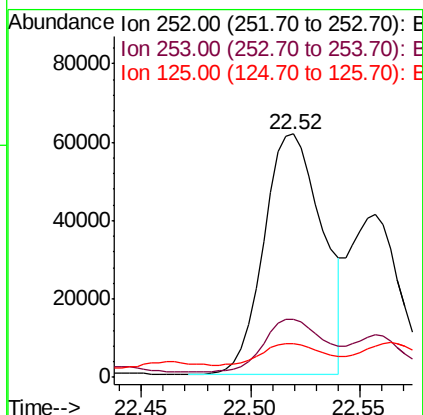
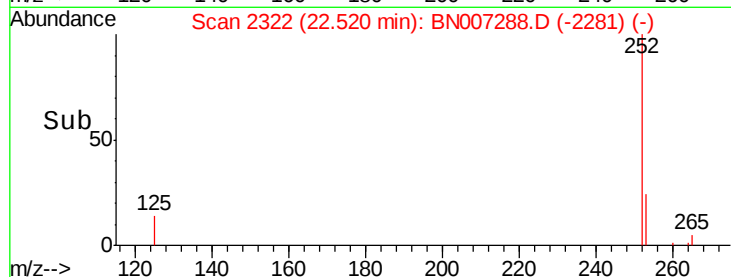
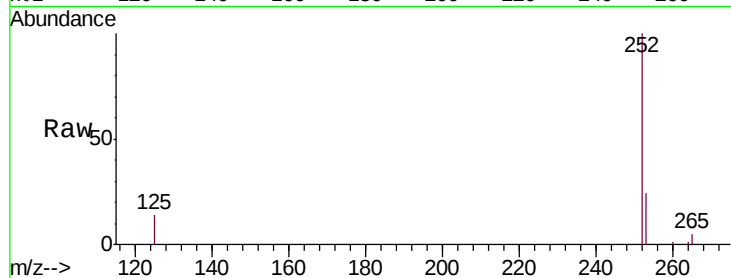




#35
Benzo(b)fluoranthene
Concen: 1.296 ng
RT: 22.52 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

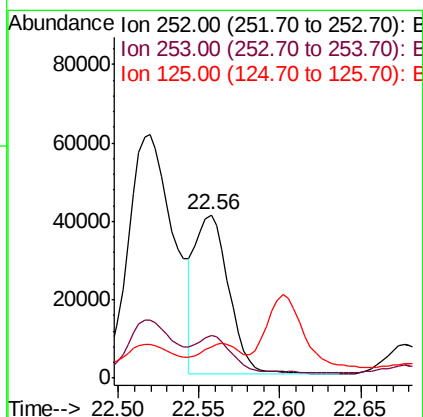
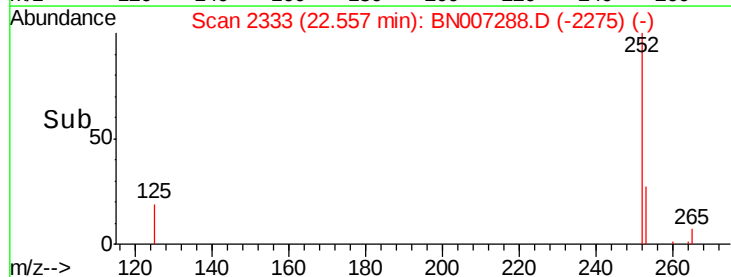
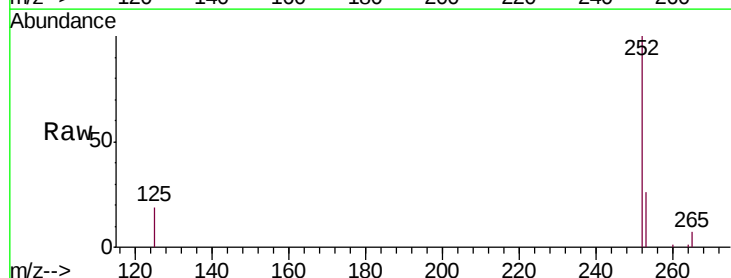
Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919MSD

Tot Ion:252 Resp: 113912
Ion Ratio Lower Upper
252 100
253 24.0 18.5 27.7
125 14.0 7.8 11.6#



#36
Benzo(k)fluoranthene
Concen: 0.687 ng
RT: 22.56 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

Tgt Ion:252 Resp: 59151
Ion Ratio Lower Upper
252 100
253 26.0 18.4 27.6
125 18.8 8.0 12.0#

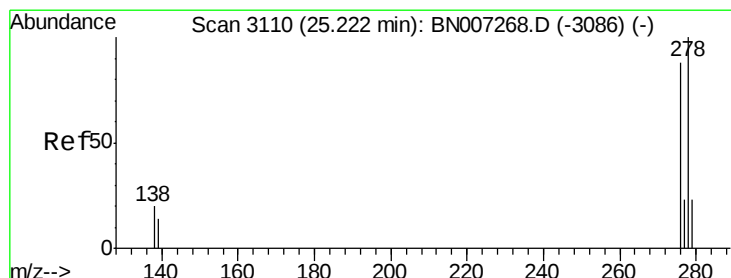
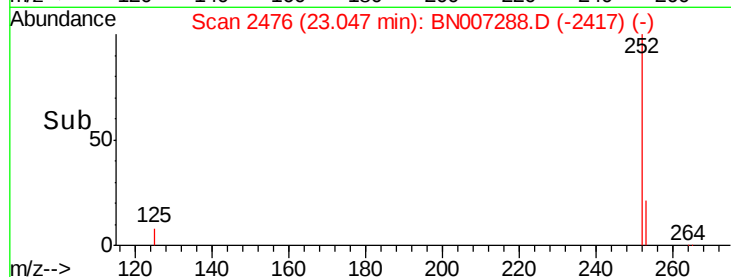
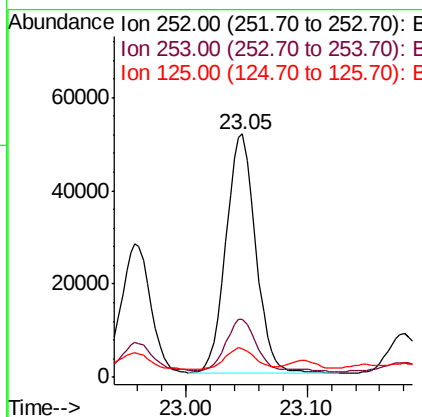
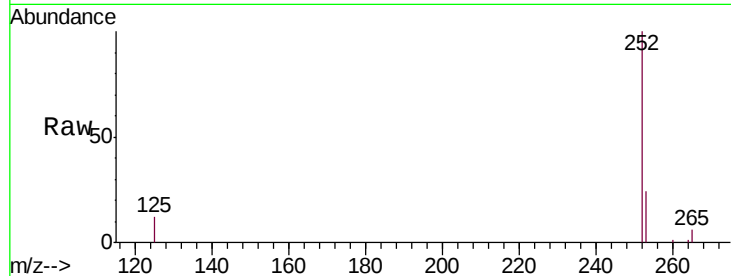




#37
Benzo(a)pyrene
Concen: 1.098 ng
RT: 23.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

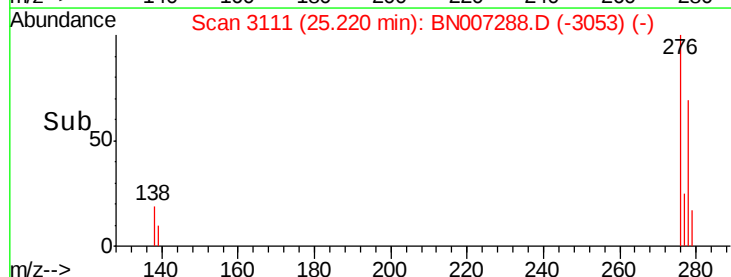
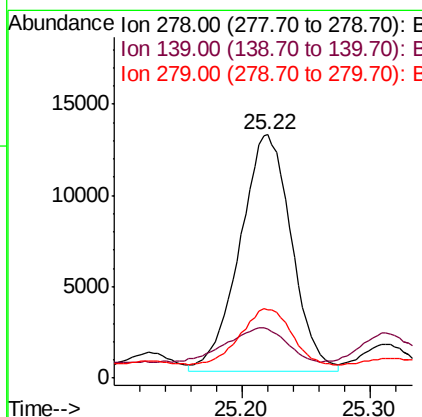
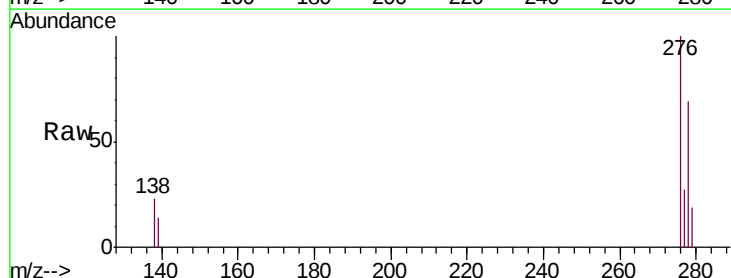
Instrument :
BNA_N
ClientSampleId :
S300-J-1.5-2.0-081919MSD

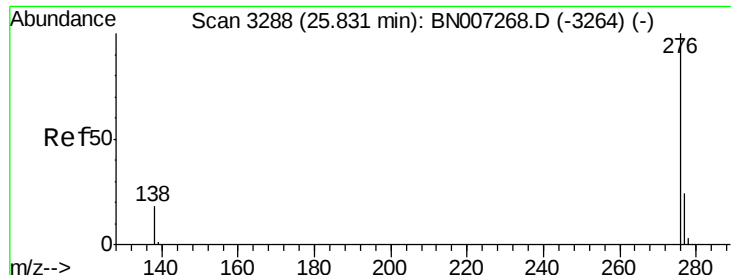
Tot Ion:252 Resp: 87013
Ion Ratio Lower Upper
252 100
253 24.0 18.7 28.1
125 12.0 8.7 13.1



#38
Dibenzo(a,h)anthracene
Concen: 0.434 ng
RT: 25.22 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

Tgt Ion:278 Resp: 36090
Ion Ratio Lower Upper
278 100
139 20.1 11.8 17.8#
279 28.1 19.8 29.6





#39

Benzo(a,h,i)perylene

Concen: 0.821 ng

RT: 25.83 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BN007288.D

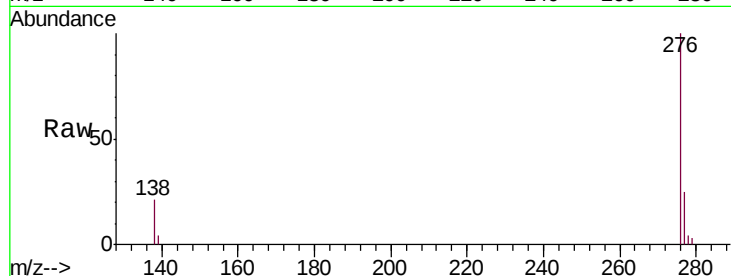
Acq: 21 Aug 2019 11:27

Instrument :

BNA_N

ClientSampleId :

S300-J-1.5-2.0-081919MSD



Tot Ion: 276 Resp: 69034

Ion Ratio Lower Upper

276 100

277 25.1 19.5 29.3

138 20.8 15.3 22.9

