

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 :

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

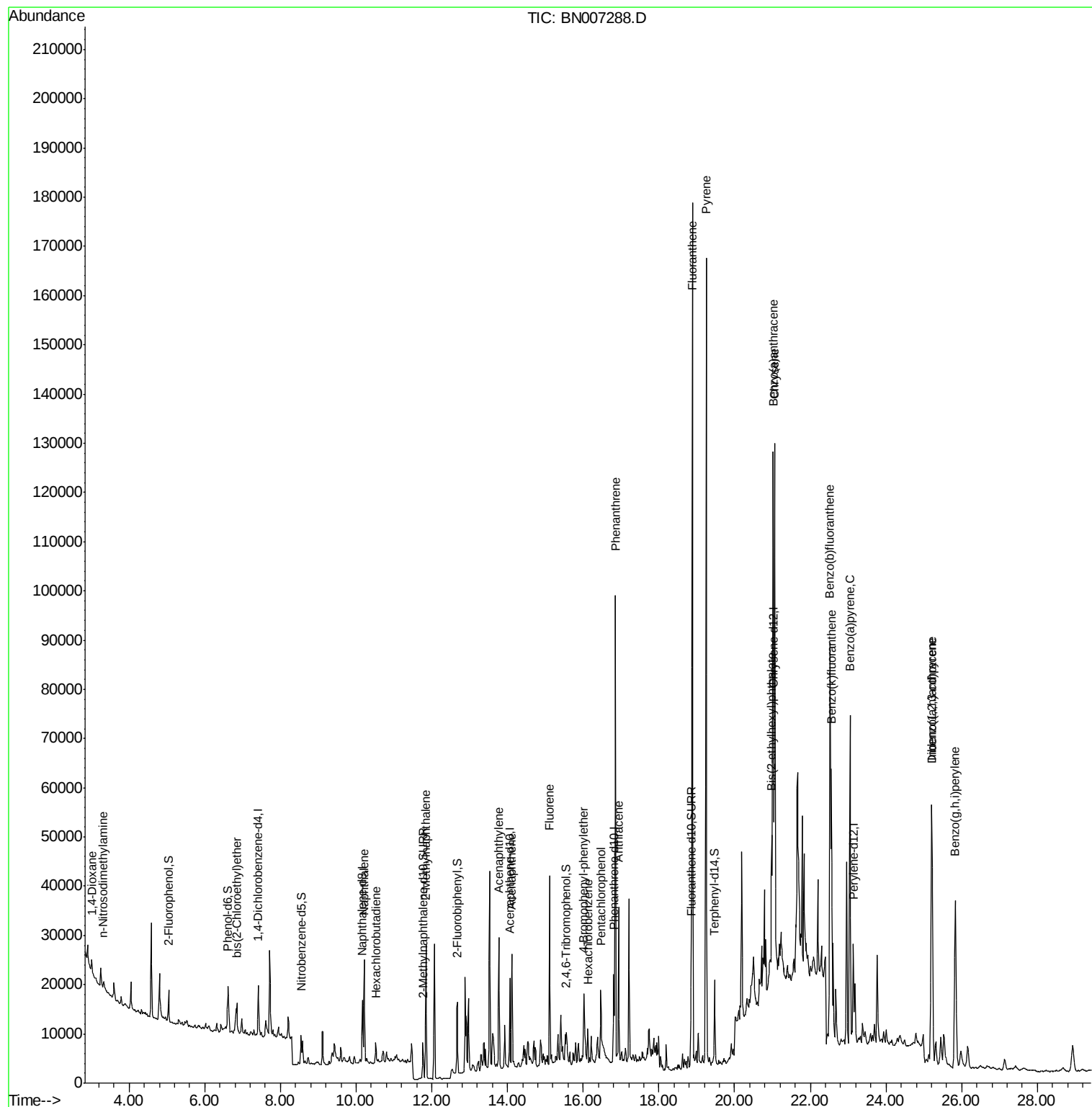
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	1789	0.296	ng	# 1
3) n-Nitrosodimethylamine	3.32	42	1159	0.286	ng	# 85
6) bis(2-Chloroethyl)ether	6.85	93	4551	0.361	ng	97
9) Naphthalene	10.22	128	24097	0.517	ng	100
10) Hexachlorobutadiene	10.52	225	3190	0.310	ng	# 99
12) 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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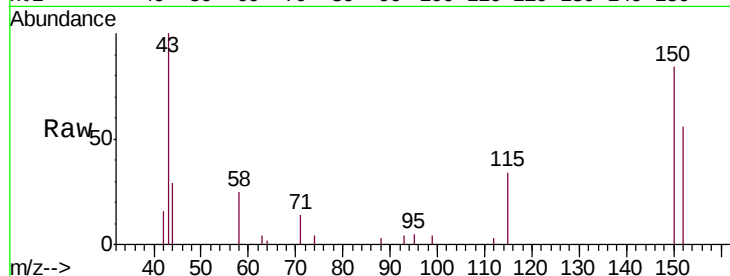


#1

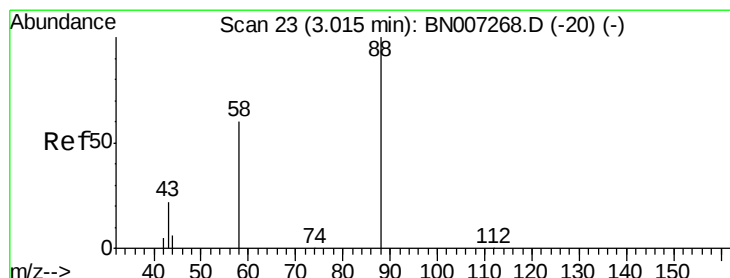
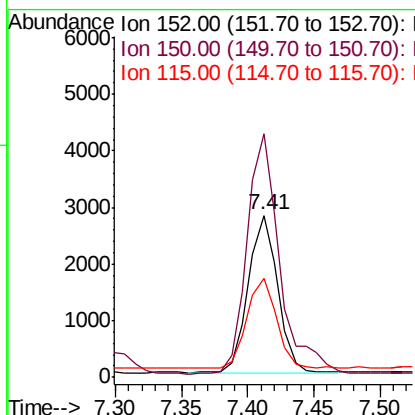
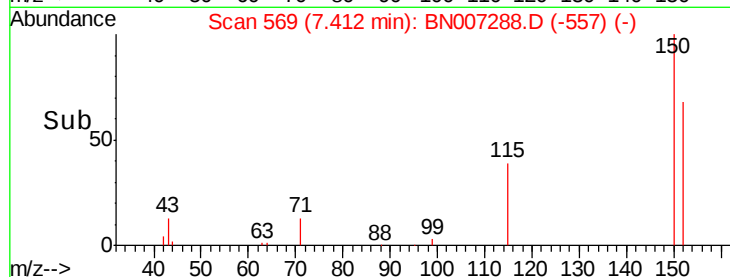
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

Instrument :
BNA_N
ClientSampled :

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



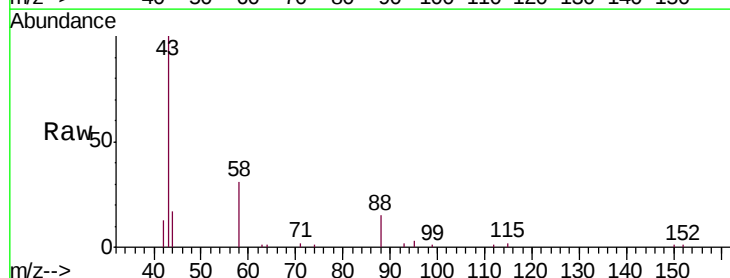
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



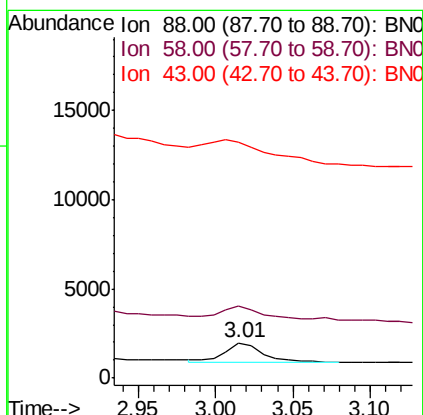
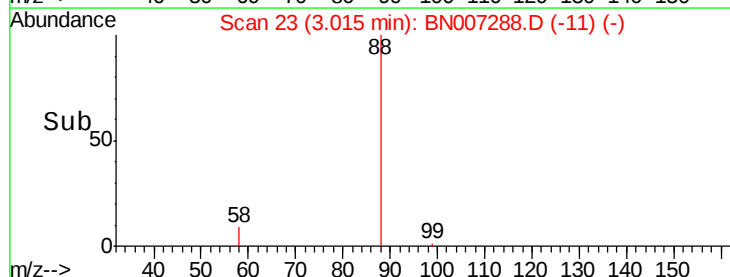
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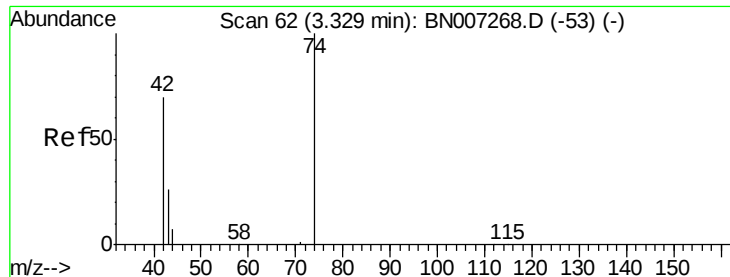
1,4-Dioxane
Concen: 0.296 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

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



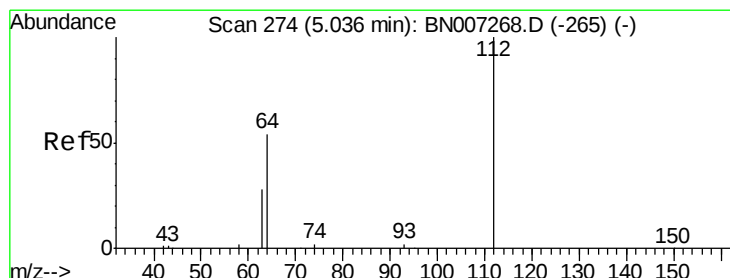
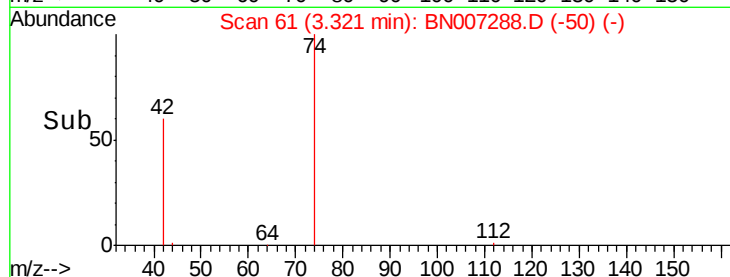
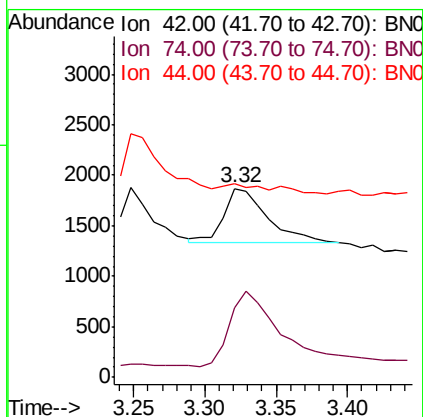
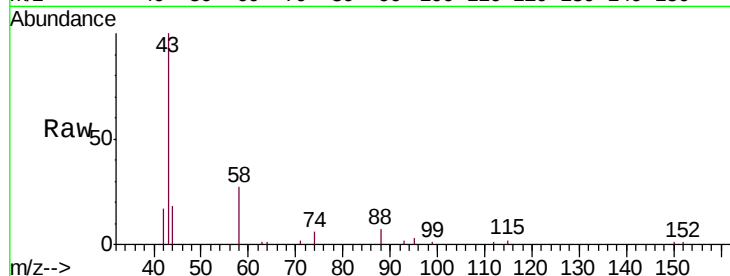


#3

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
 ClientSampled :

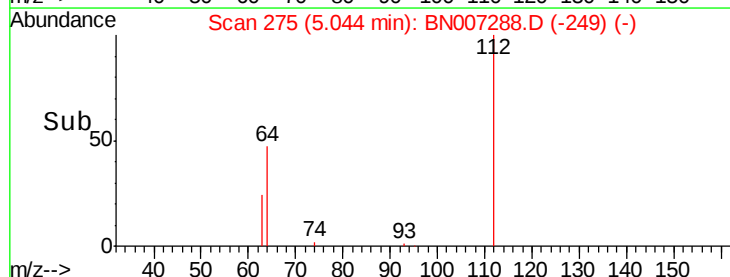
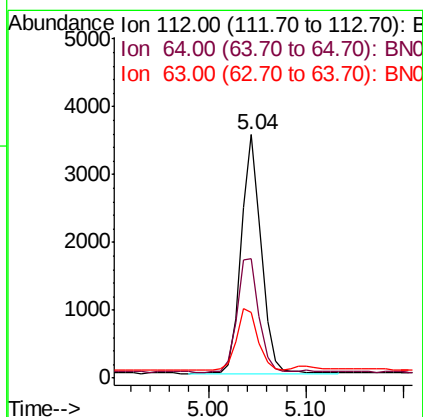
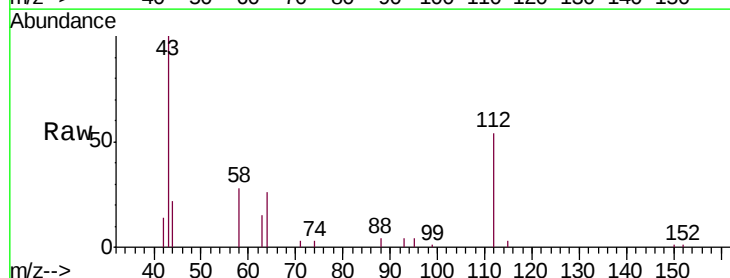
Tot Ion: 42 Resp: 1159
 Ion Ratio Lower Upper
 42 100
 74 154.2 109.0 163.4
 44 0.0 4.2 6.2#

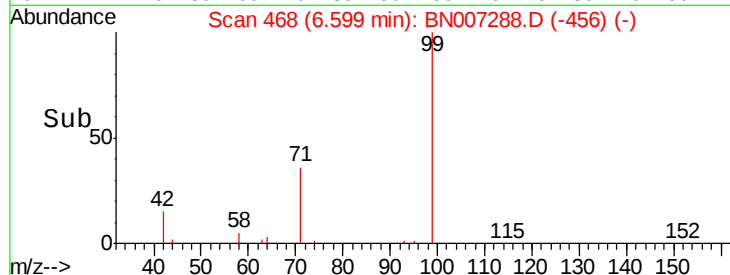
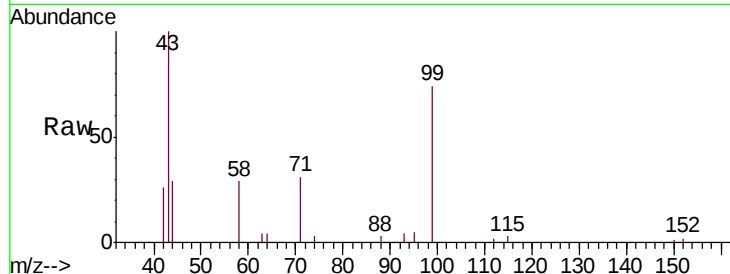
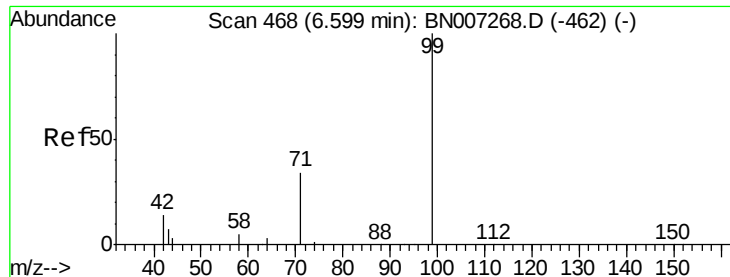


#4

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





#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

ClientSampled :

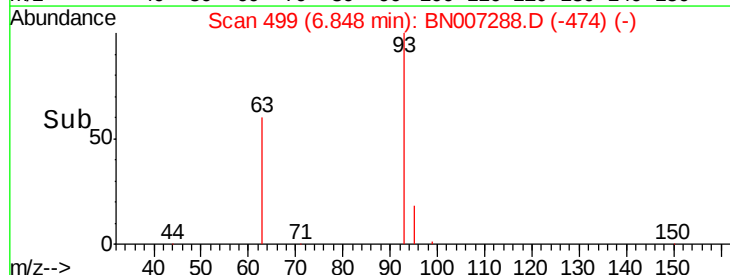
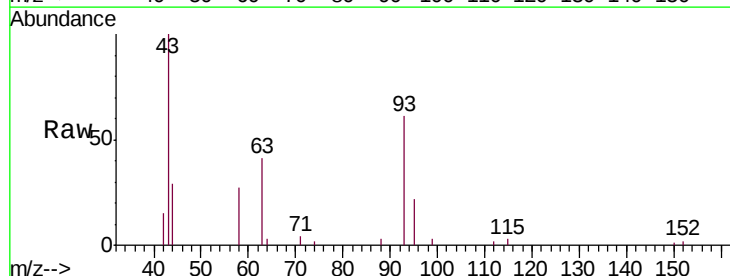
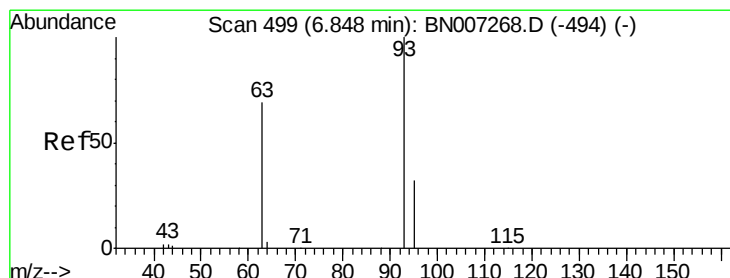
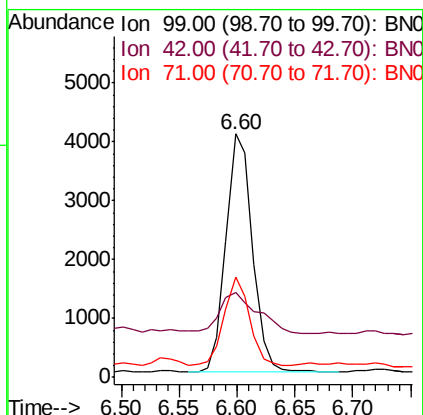
Tot Ion: 99 Resp: 6461

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

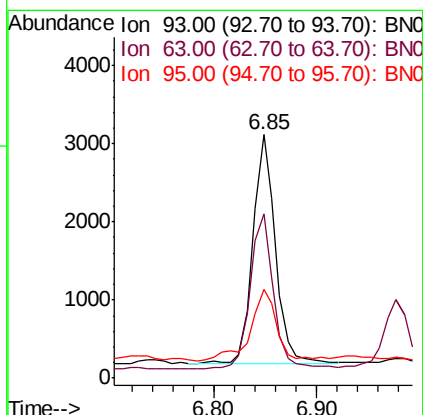
Tgt Ion: 93 Resp: 4551

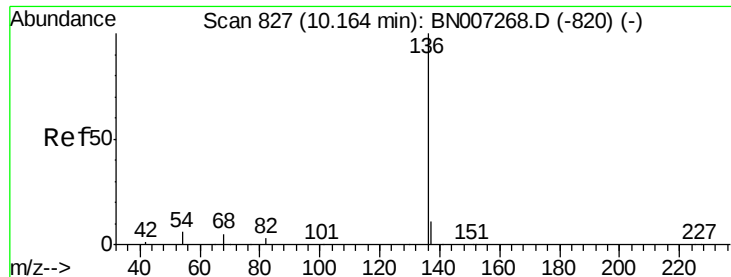
Ion Ratio Lower Upper

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 :

Tot Ion:136 Resp: 16432

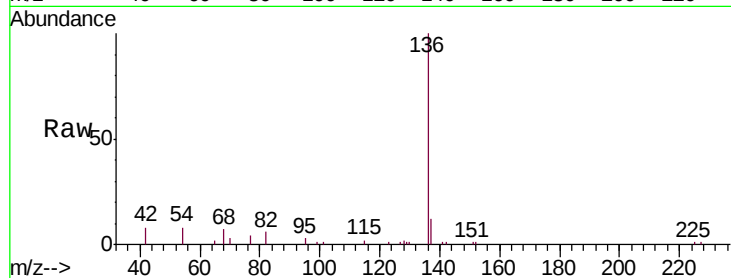
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 7.7 5.9 8.9

68 7.5 5.6 8.4

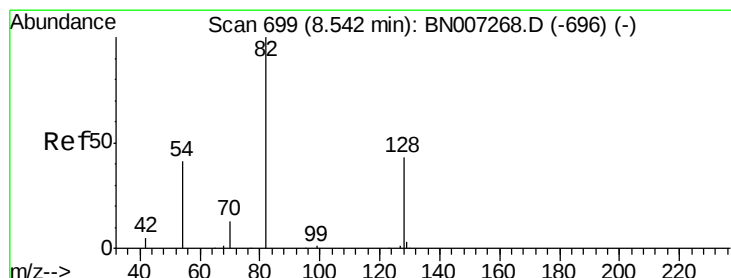
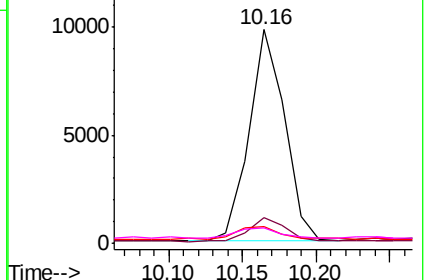
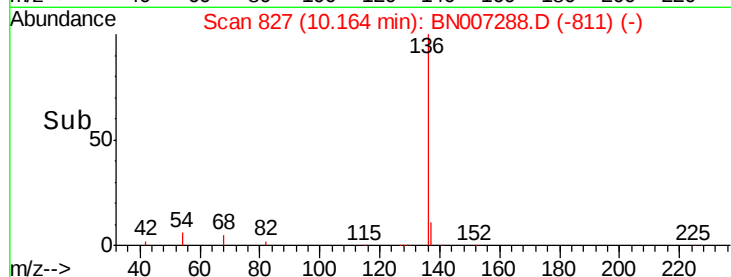


Abundance Ion 136.00 (135.70 to 136.70): E

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

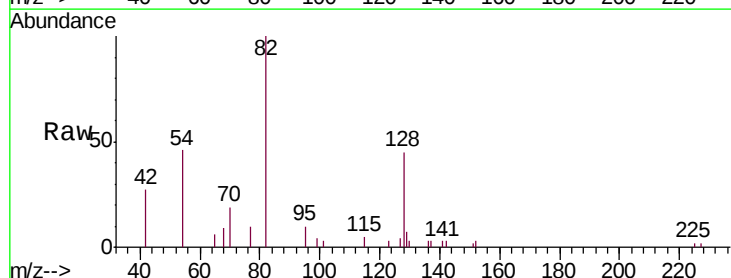
Tgt Ion: 82 Resp: 4663

Ion Ratio Lower Upper

82 100

128 44.8 35.8 53.6

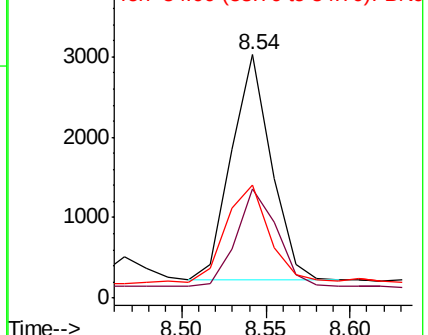
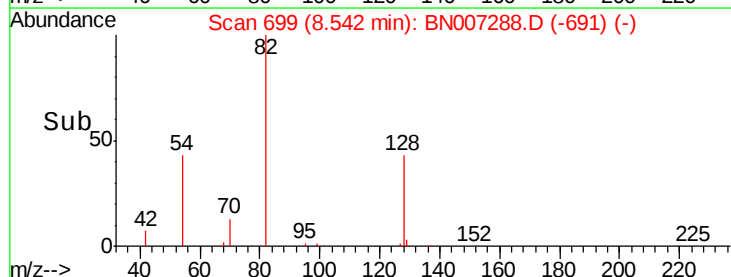
54 46.2 34.7 52.1

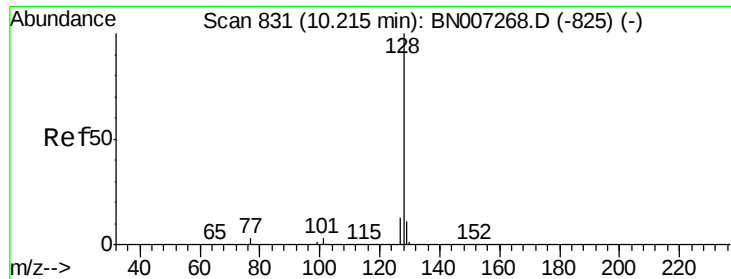


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

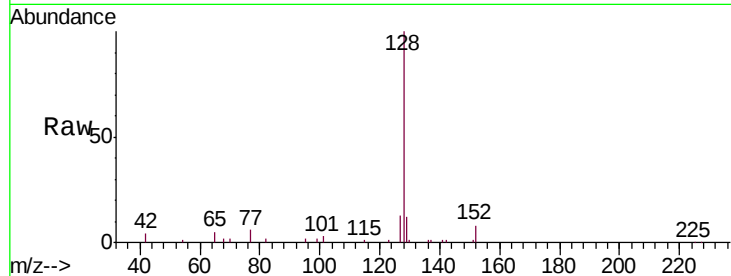




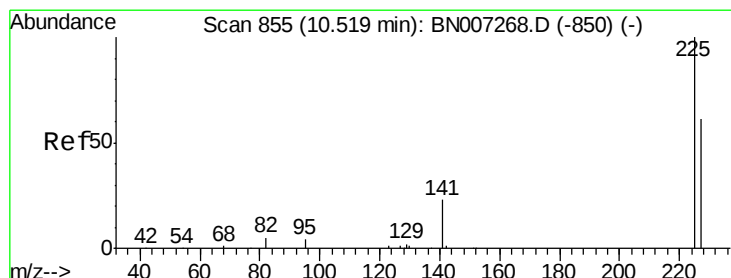
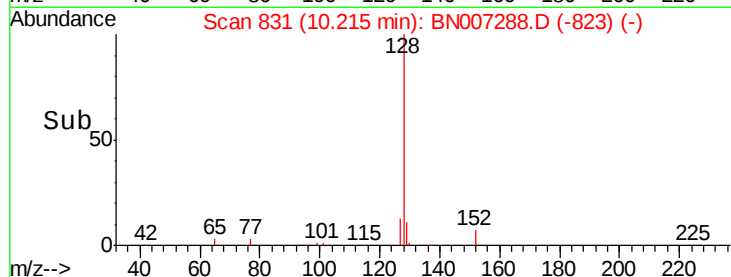
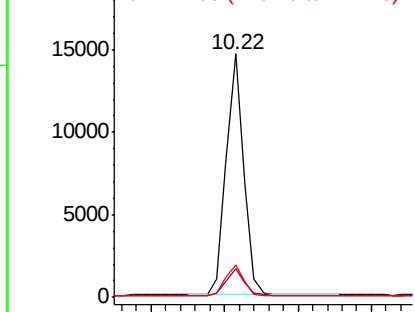
#9
Naphthalene
Concen: 0.517 ng
RT: 10.22 min Scan# 831
Delta R.T. -0.00 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.4	10.6	16.0

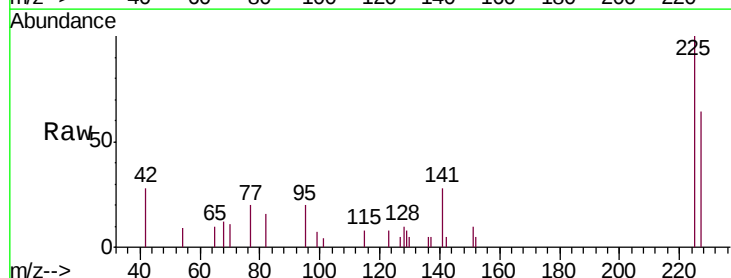


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

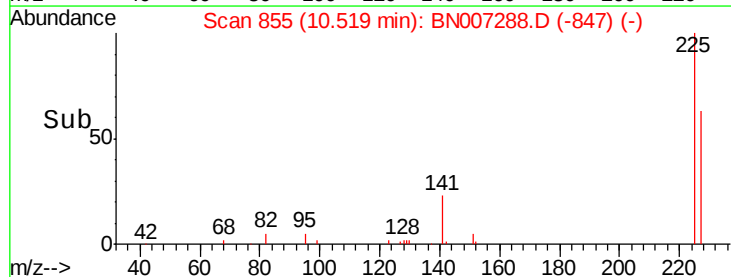
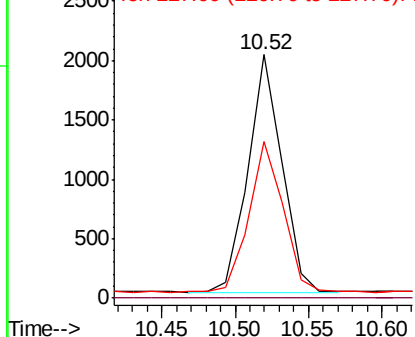


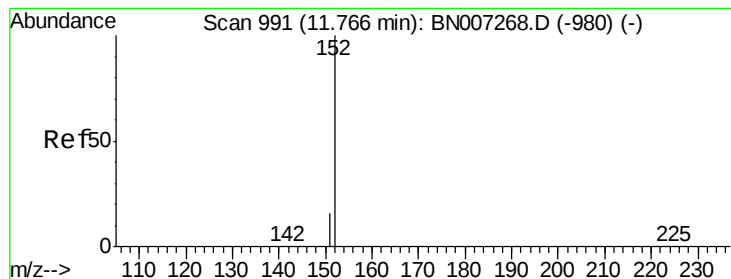
#10
Hexachlorobutadiene
Concen: 0.310 ng
RT: 10.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

Tgt Ion	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

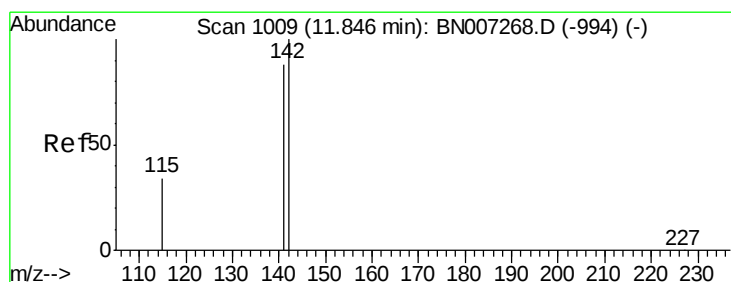
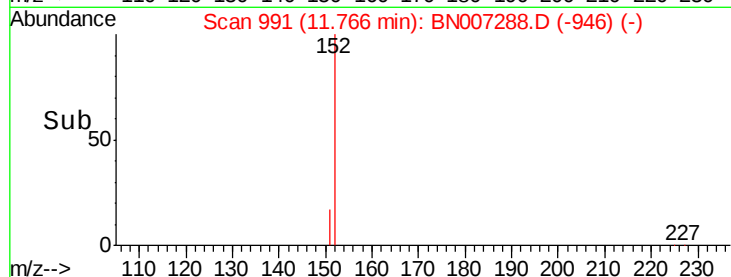
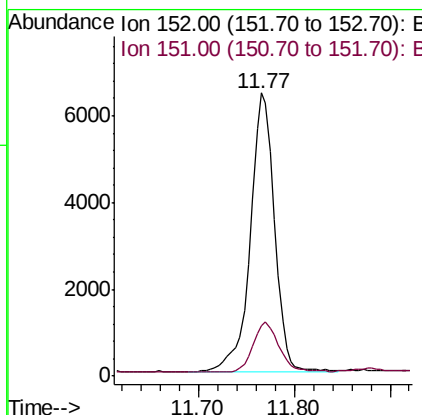
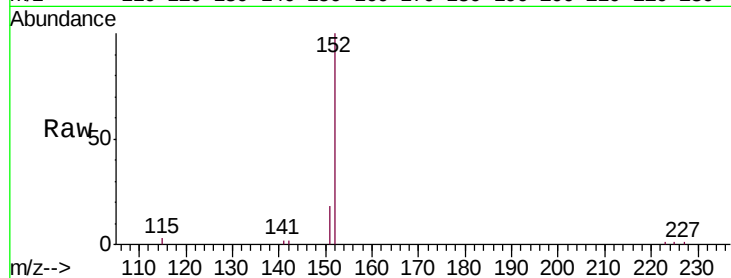




#11
 2-Methylnaphthalene-d10
 Concen: 0.394 ng
 RT: 11.77 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BN007288.D
 Acq: 21 Aug 2019 11:27

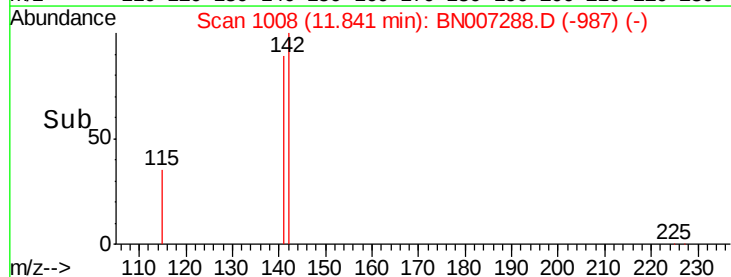
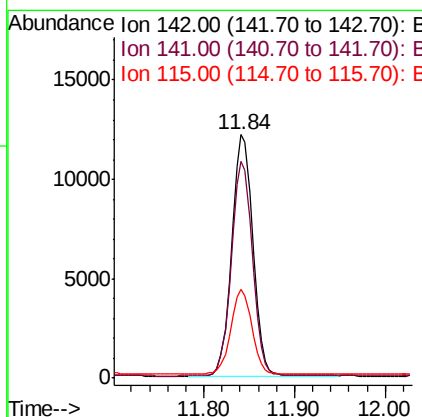
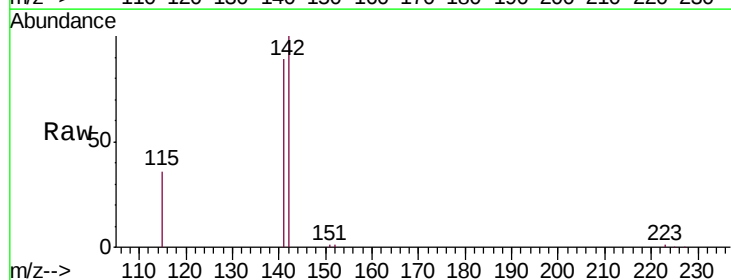
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 11192
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.2 22.8



#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





#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 :

BNA_N

ClientSampleId :

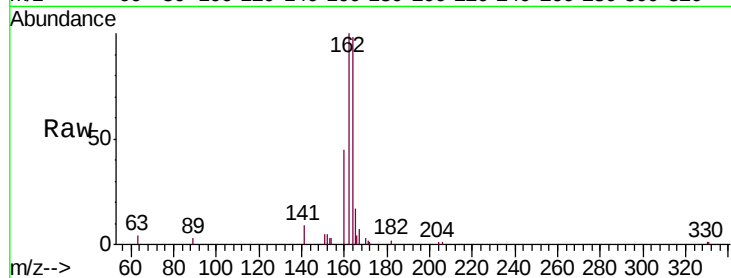
Tot Ion:164 Resp: 9740

Ion Ratio Lower Upper

164 100

162 101.6 82.0 123.0

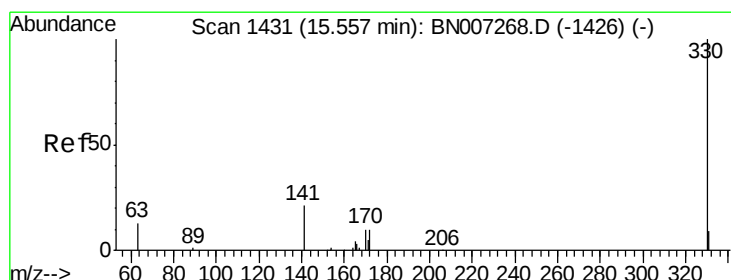
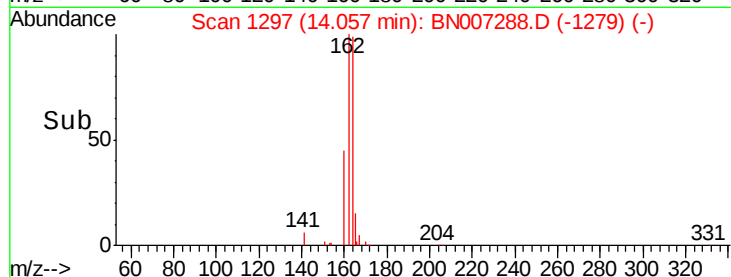
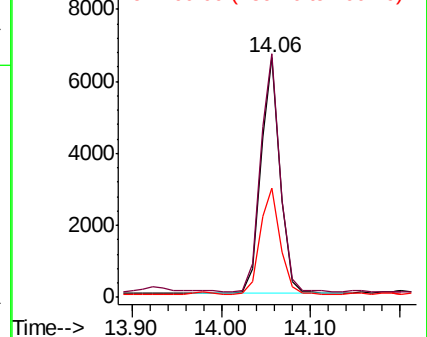
160 45.6 38.2 57.4



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

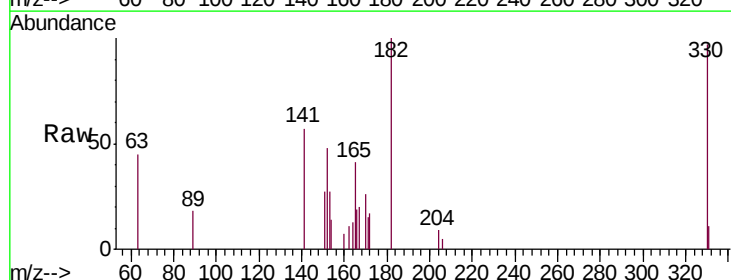
Tgt Ion:330 Resp: 2536

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

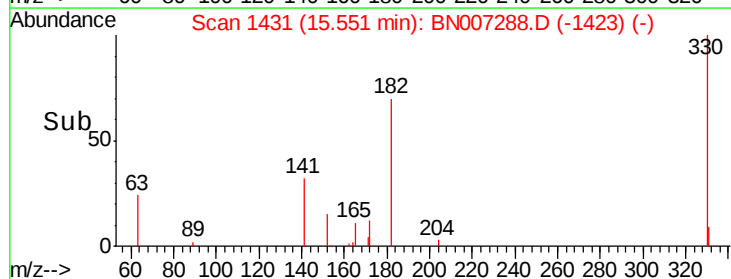
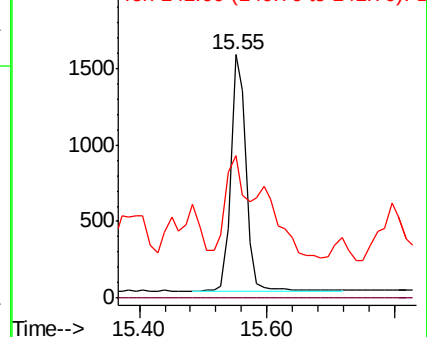
141 50.2 30.3 45.5#

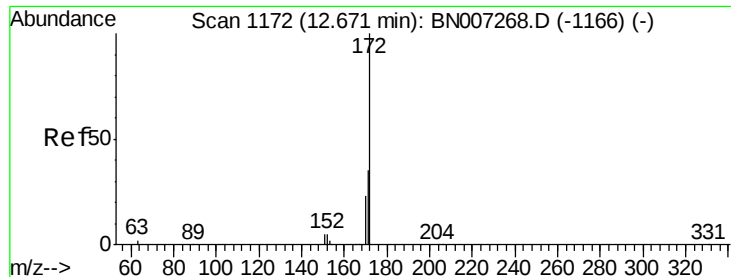


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

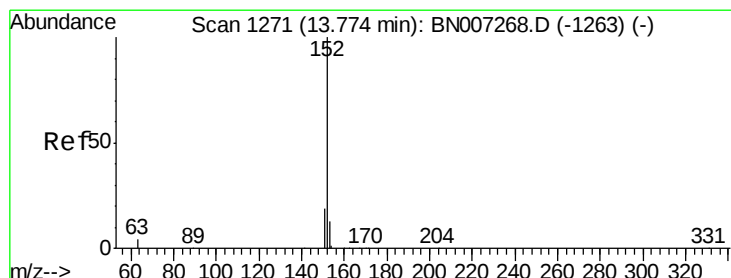
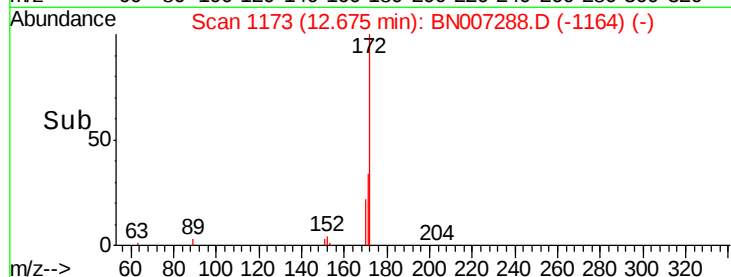
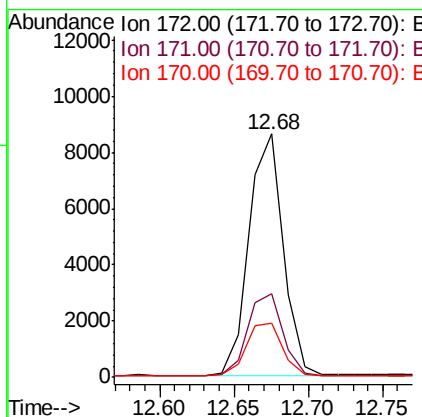
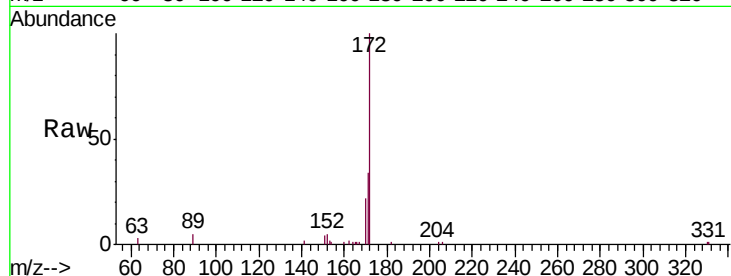




#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

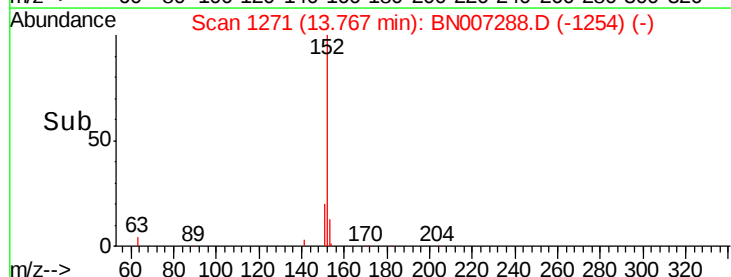
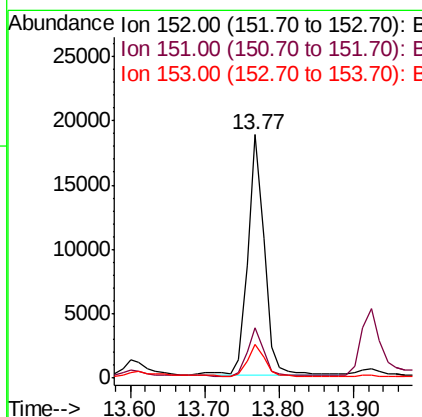
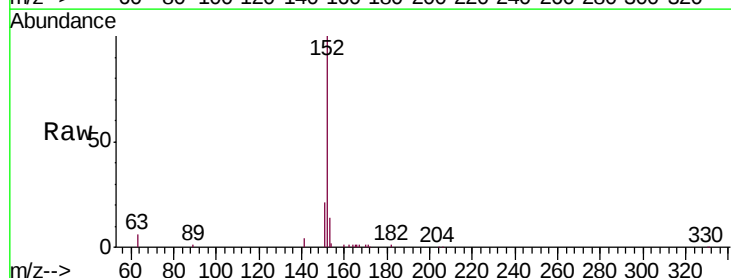
Instrument :
BNA_N
ClientSampleId :

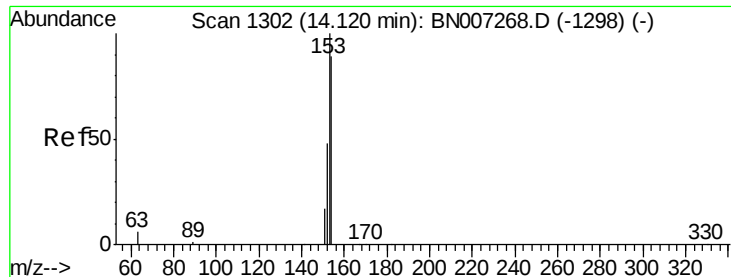
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	22.2	18.7	28.1



#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	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 :

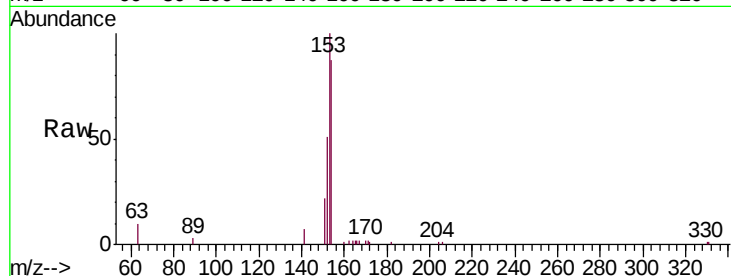
Tot Ion:154 Resp: 12833

Ion Ratio Lower Upper

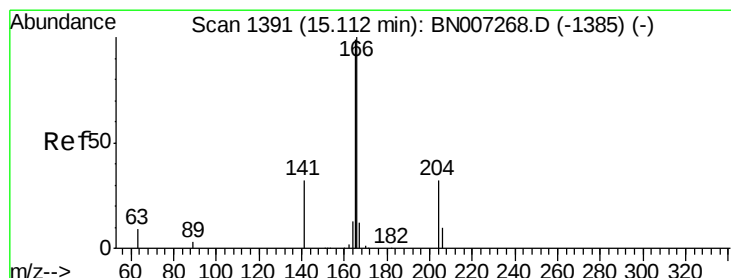
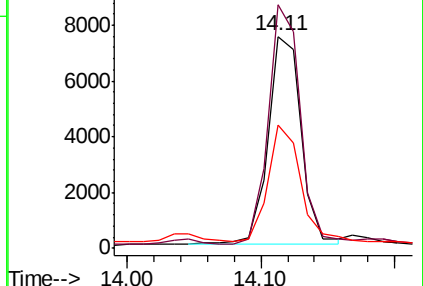
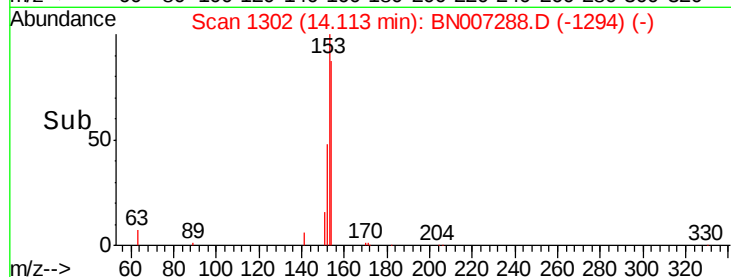
154 100

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

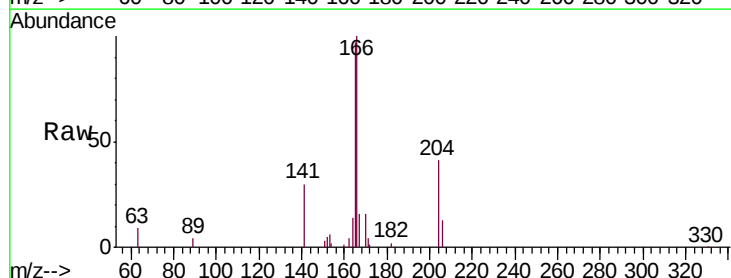
Tgt Ion:166 Resp: 18501

Ion Ratio Lower Upper

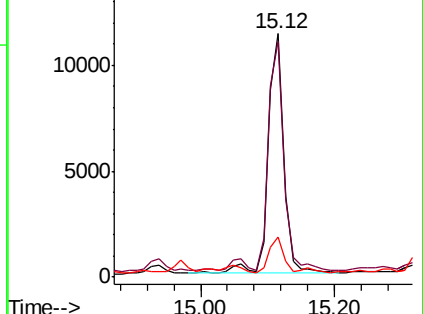
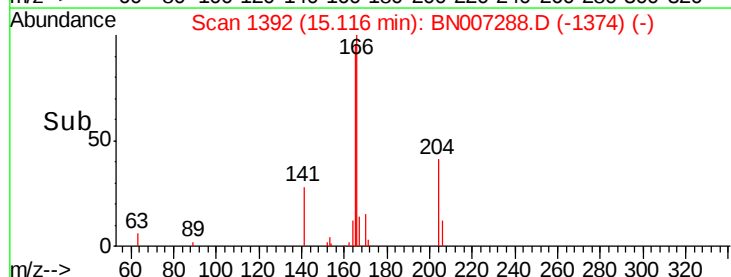
166 100

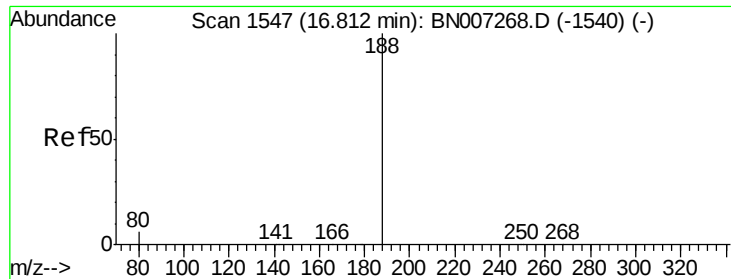
165 93.2 78.3 117.5

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 :

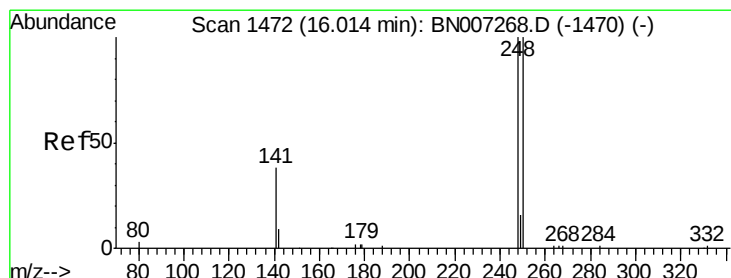
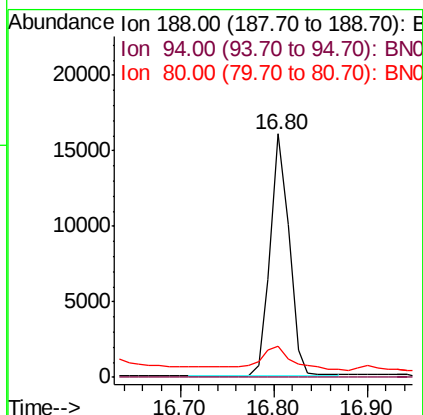
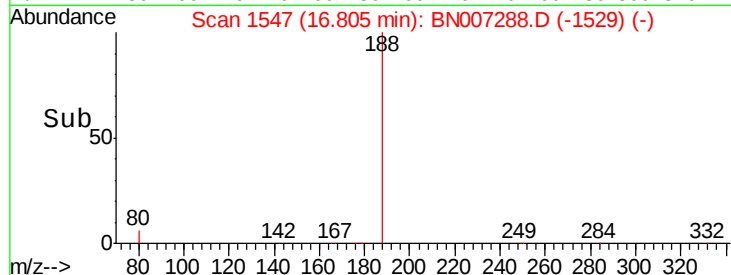
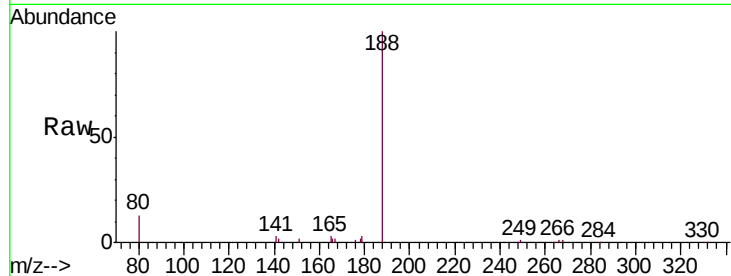
Tot Ion:188 Resp: 22415

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 5.2 7.8#



#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

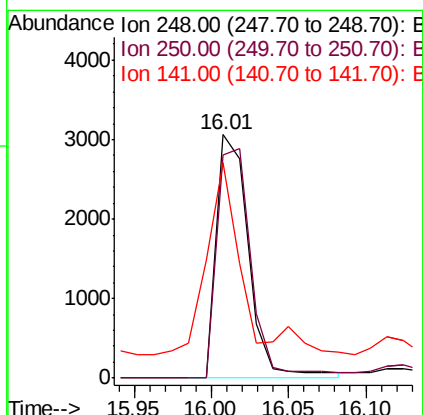
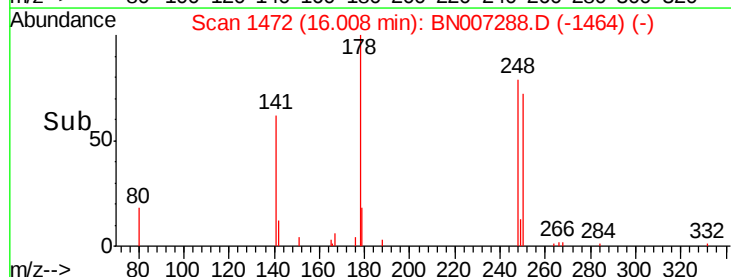
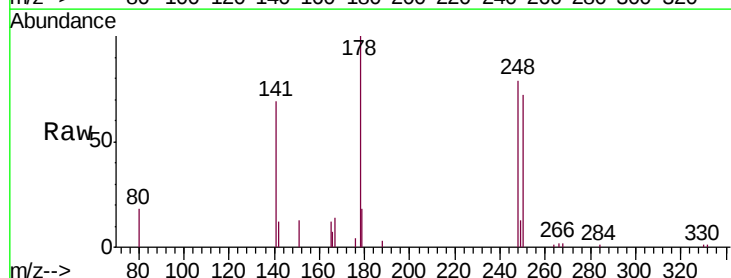
Tgt Ion:248 Resp: 4463

Ion Ratio Lower Upper

248 100

250 91.9 79.6 119.4

141 88.4 45.1 67.7#

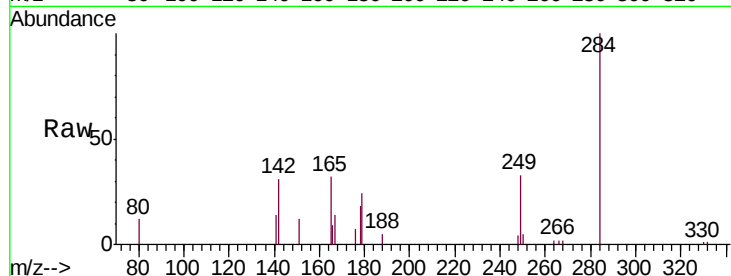




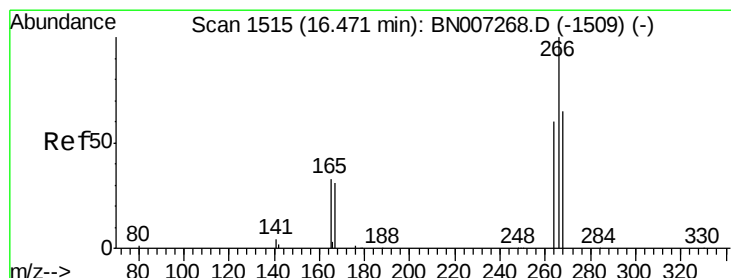
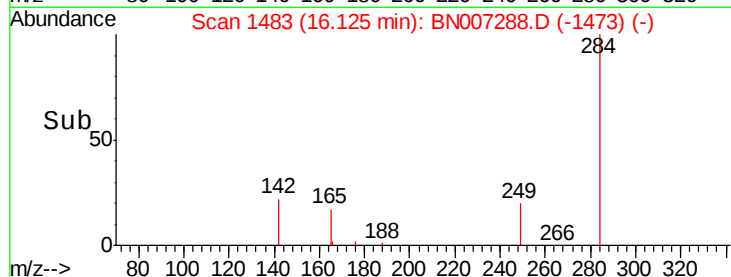
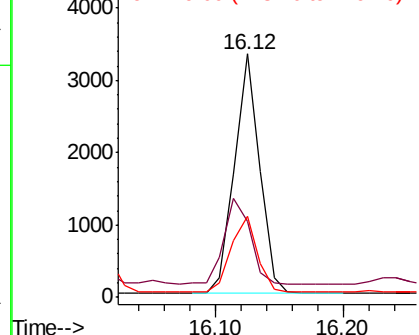
#21
Hexachlorobenzene
Concen: 0.305 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

Instrument :
BNA_N
ClientSampleId :

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

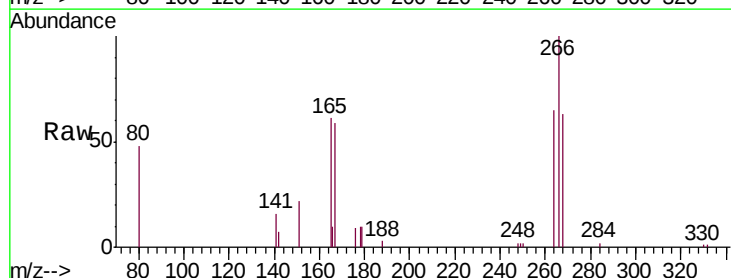


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

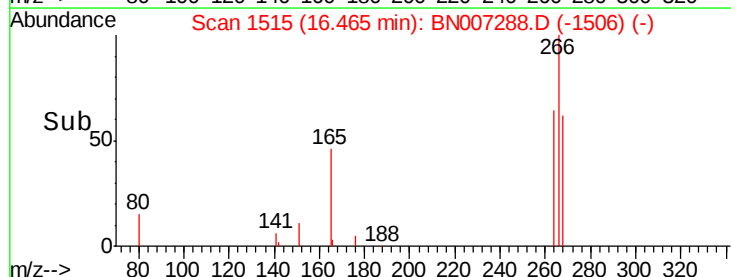
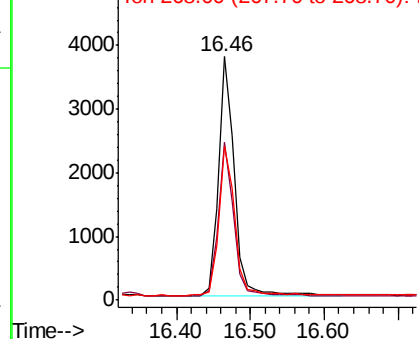


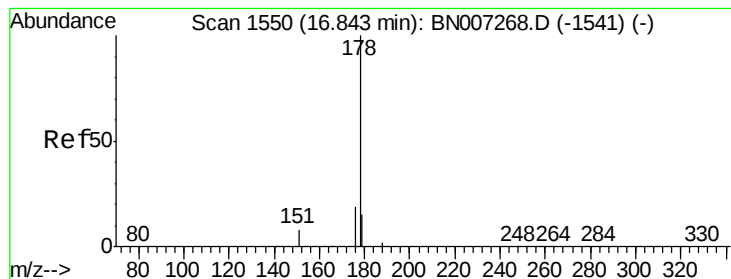
#22
Pentachlorophenol
Concen: 0.962 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007288.D
Acq: 21 Aug 2019 11:27

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 :

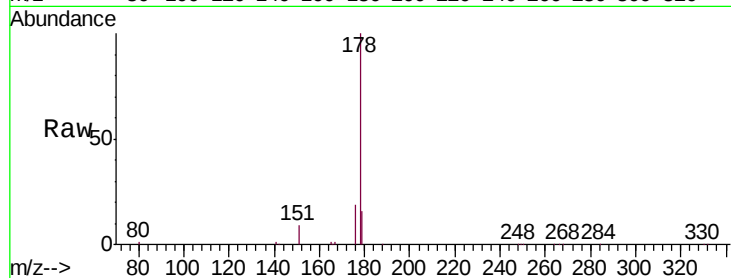
Tot Ion:178 Resp: 88746

Ion Ratio Lower Upper

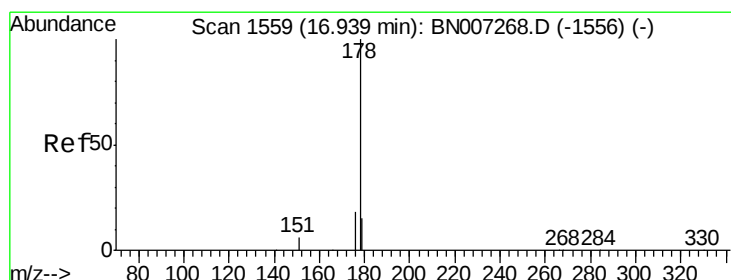
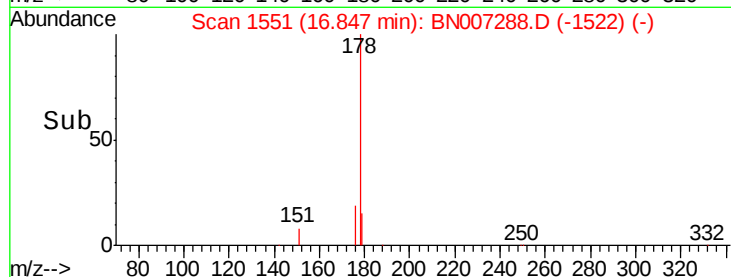
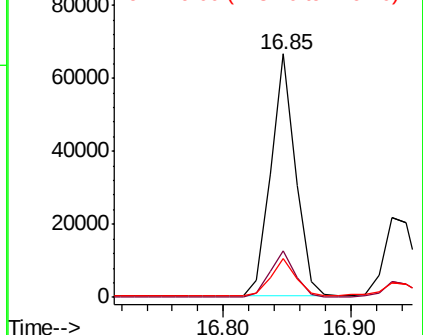
178 100

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

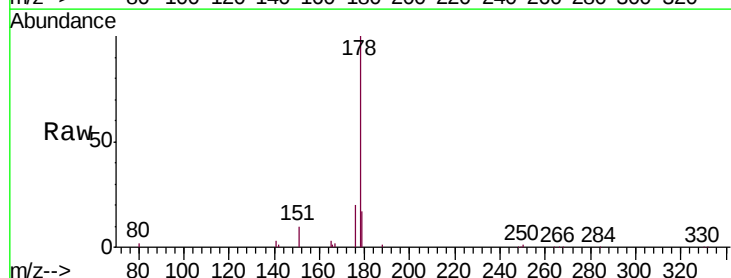
Tgt Ion:178 Resp: 33756

Ion Ratio Lower Upper

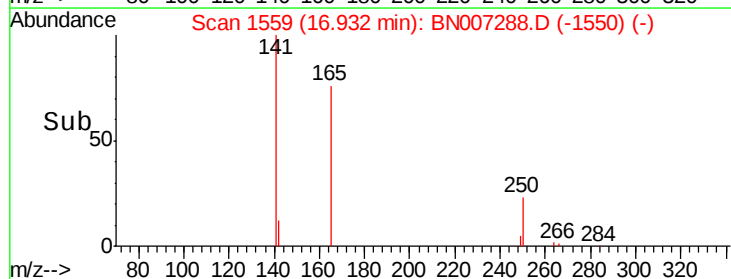
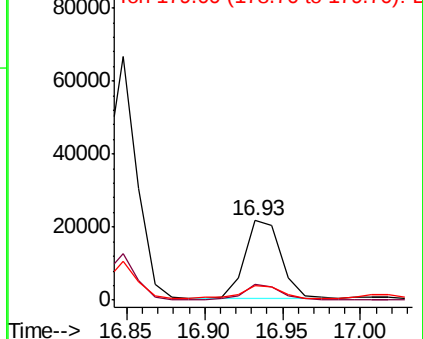
178 100

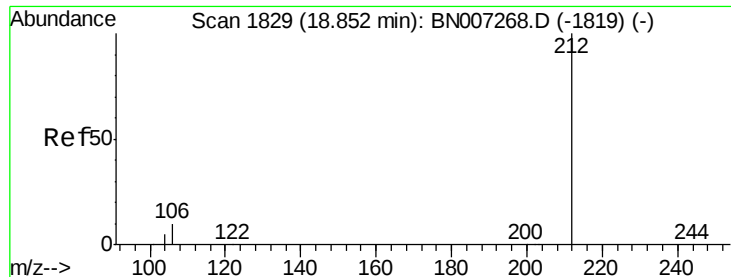
176 18.8 14.3 21.5

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 :

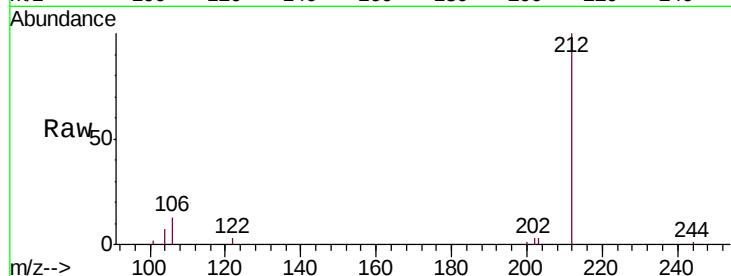
Tot Ion:212 Resp: 22688

Ion Ratio Lower Upper

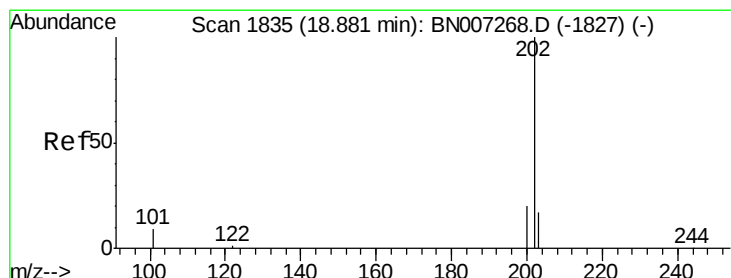
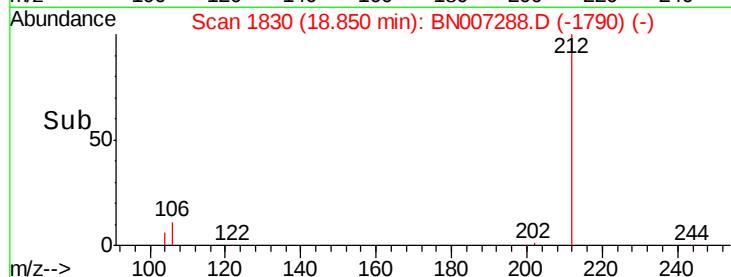
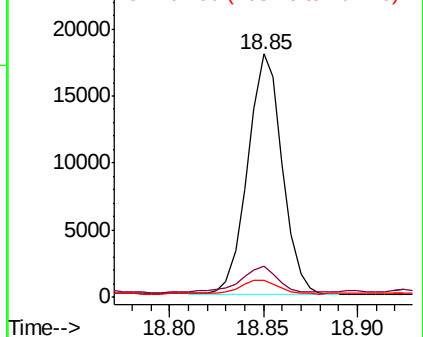
212 100

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

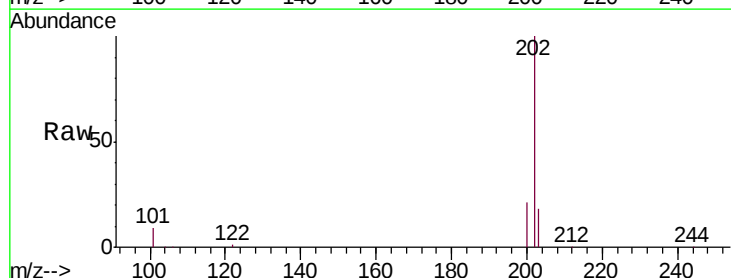
Tgt Ion:202 Resp: 161069

Ion Ratio Lower Upper

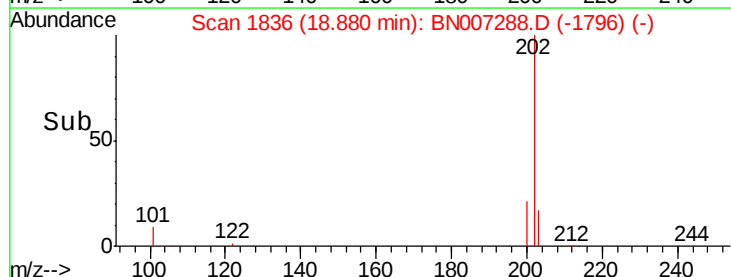
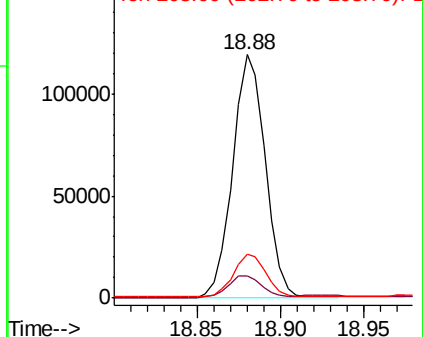
202 100

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

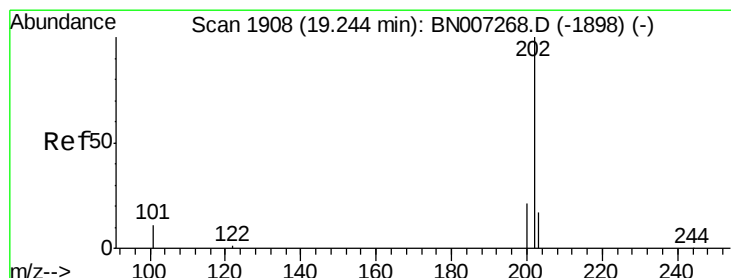
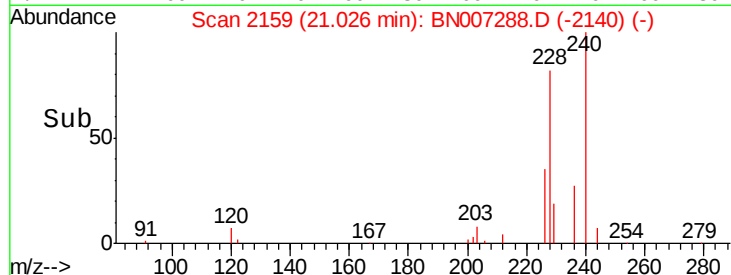
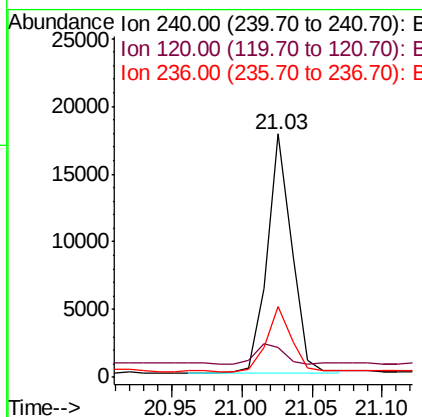
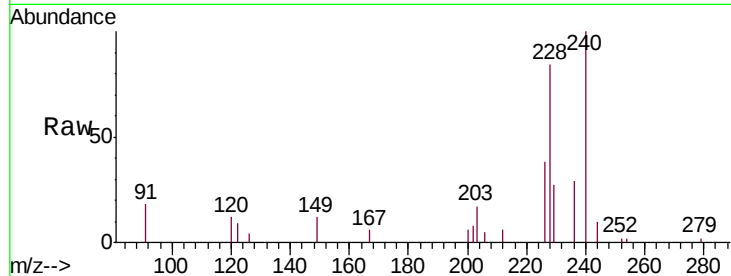




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.03 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BN007288.D
 Acq: 21 Aug 2019 11:27

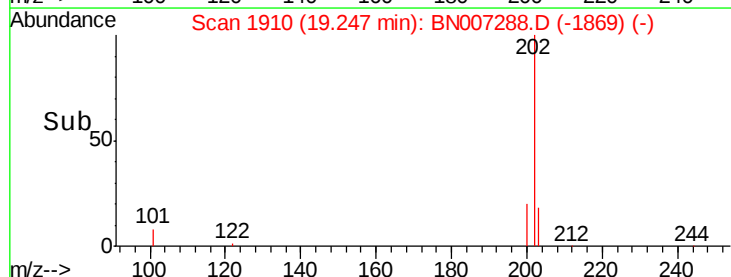
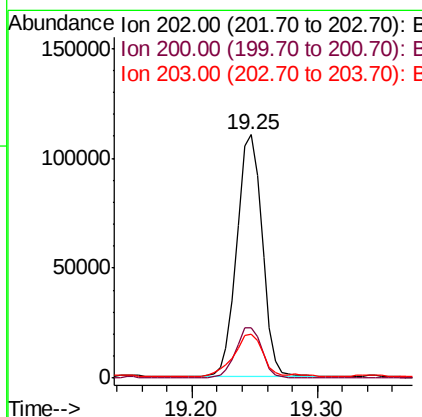
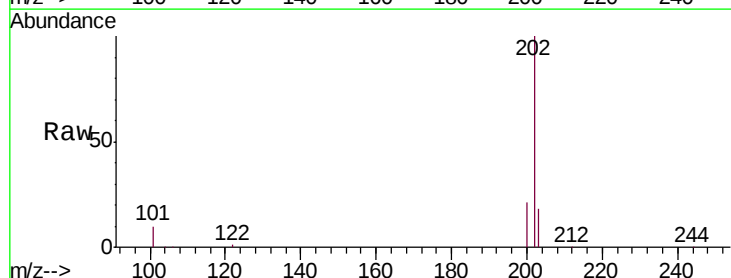
Instrument :
 BNA_N
 ClientSampleId :

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



#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





#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 :

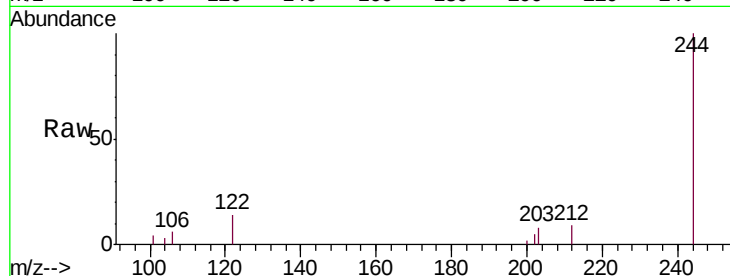
Tot Ion:244 Resp: 17442

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

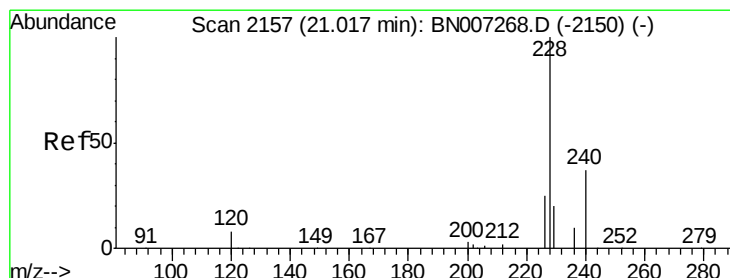
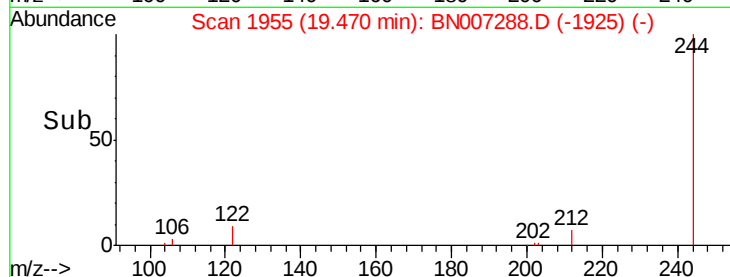
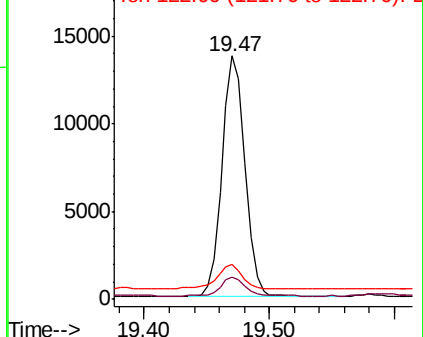
122 14.1 7.9 11.9#



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

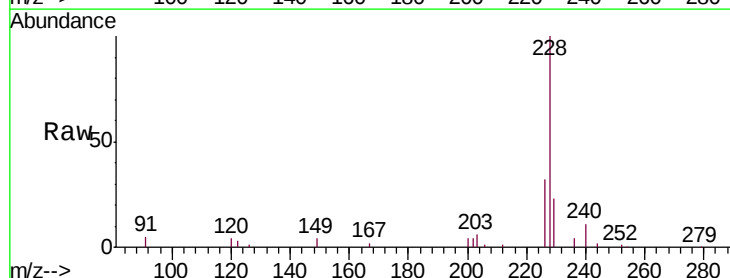
Tgt Ion:228 Resp: 97144

Ion Ratio Lower Upper

228 100

226 31.6 20.6 30.8#

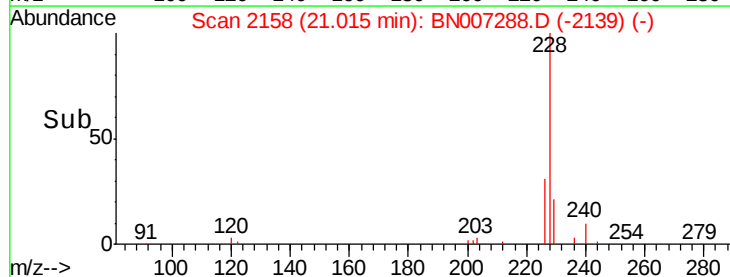
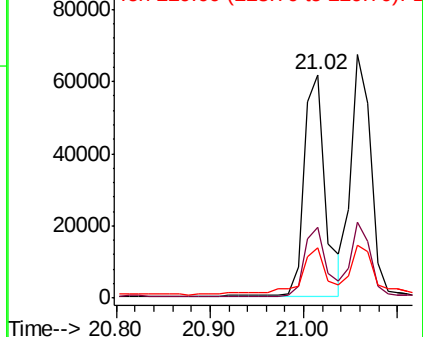
229 22.6 16.9 25.3



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

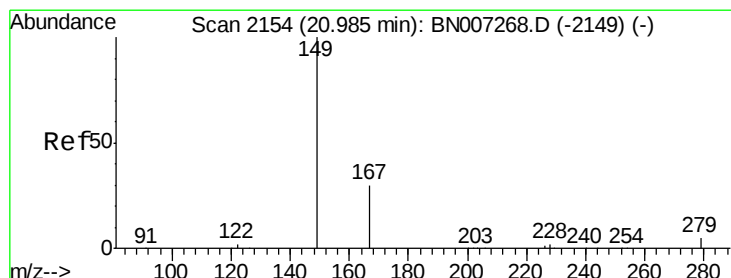
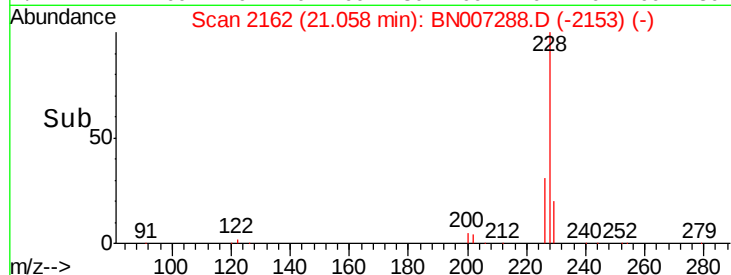
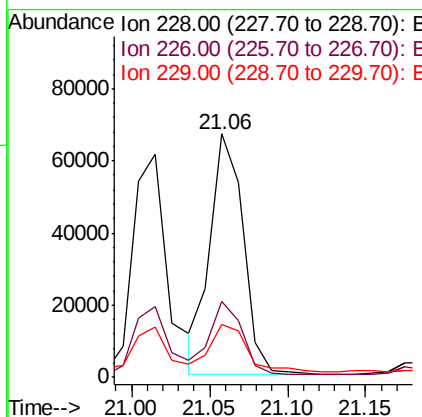
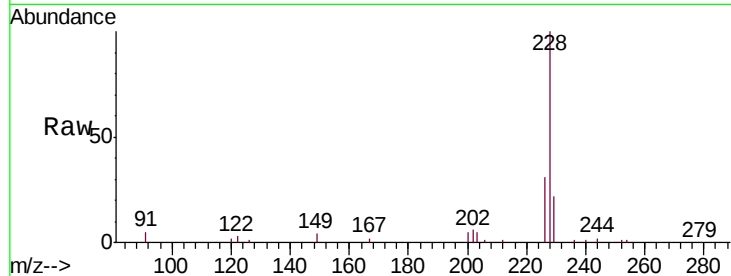




#31
 Chrysene
 Concen: 1.195 ng
 RT: 21.06 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BN007288.D
 Acq: 21 Aug 2019 11:27

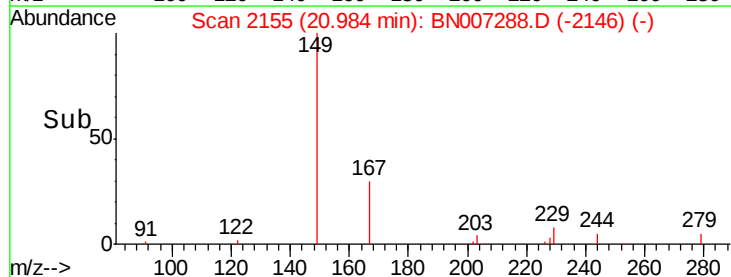
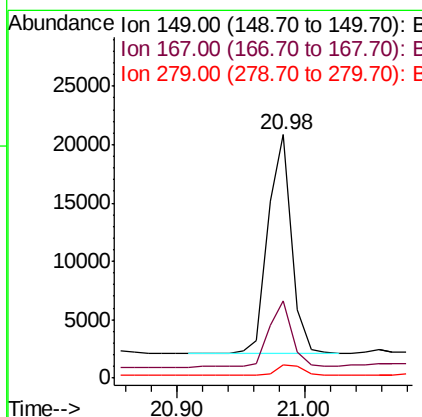
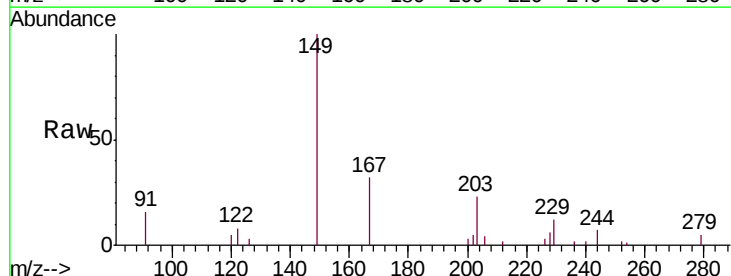
Instrument :
 BNA_N
 ClientSampleId :

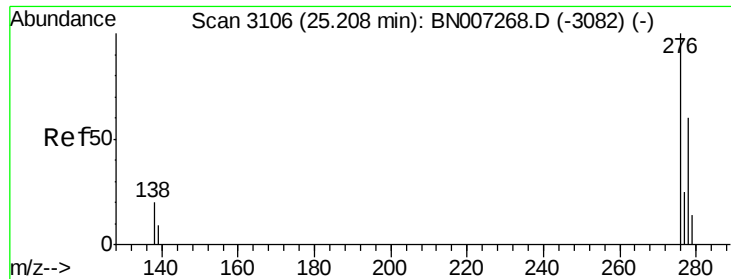
Tot Ion:228 Resp: 98086
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.6 36.8
 229 21.8 15.6 23.4



#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

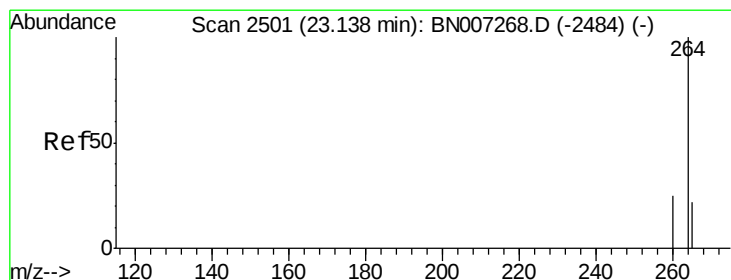
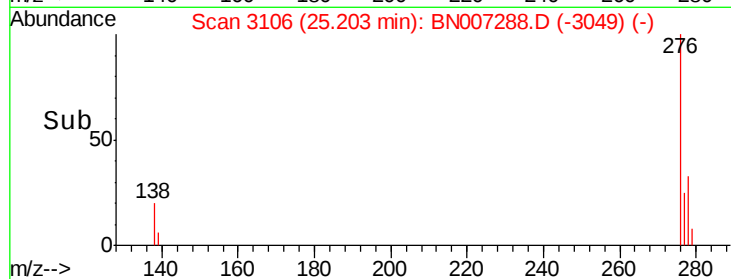
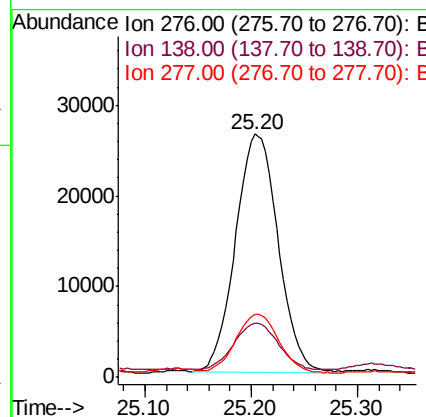
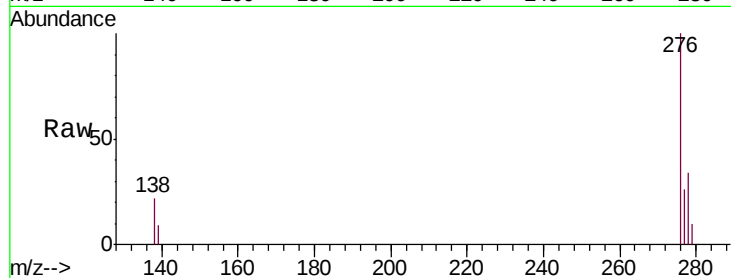




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.740 ng
 RT: 25.20 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BN007288.D
 Acq: 21 Aug 2019 11:27

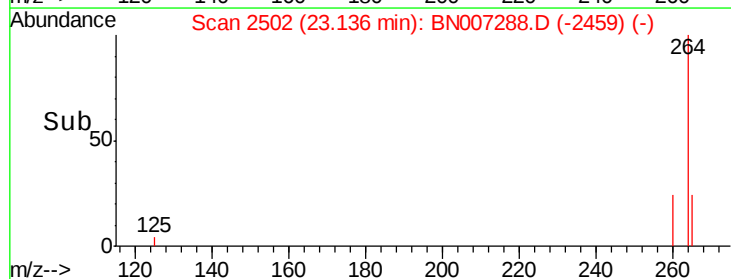
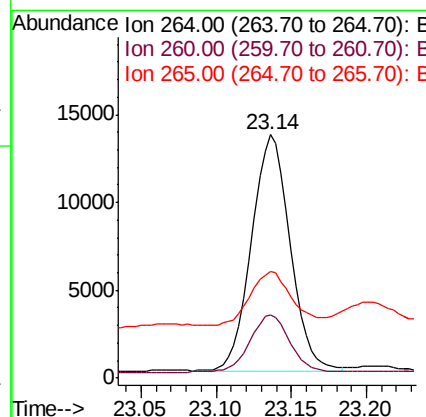
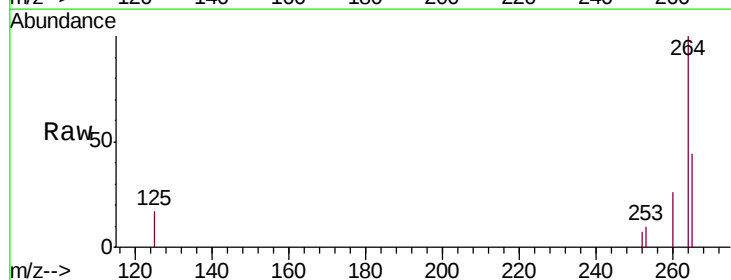
Instrument :
 BNA_N
 ClientSampleId :

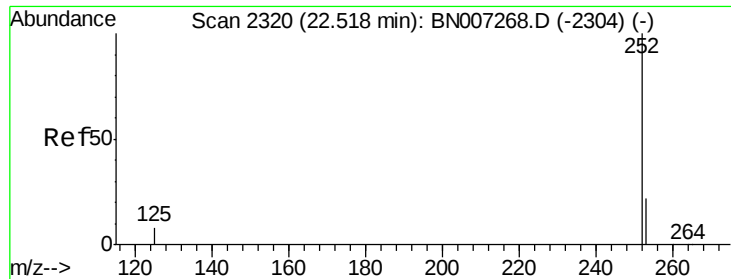
Tot Ion:276 Resp: 73079
 Ion Ratio Lower Upper
 276 100
 138 20.4 17.1 25.7
 277 25.0 20.1 30.1



#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 :

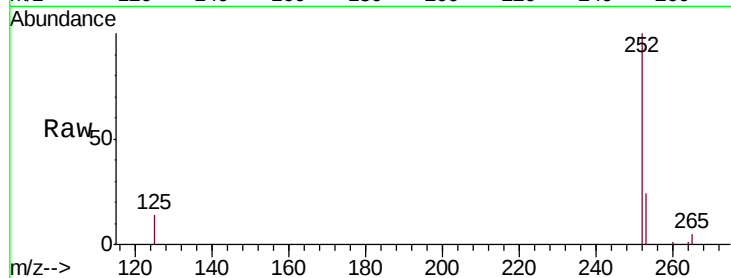
Tot Ion:252 Resp: 113912

Ion Ratio Lower Upper

252 100

253 24.0 18.5 27.7

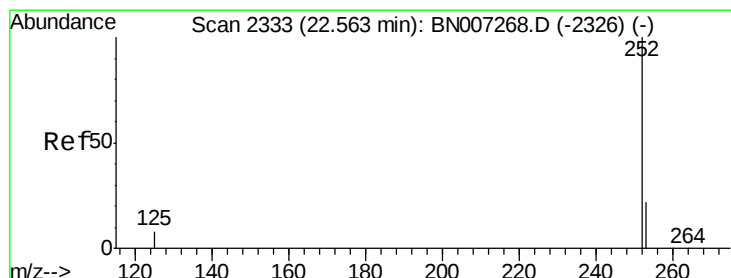
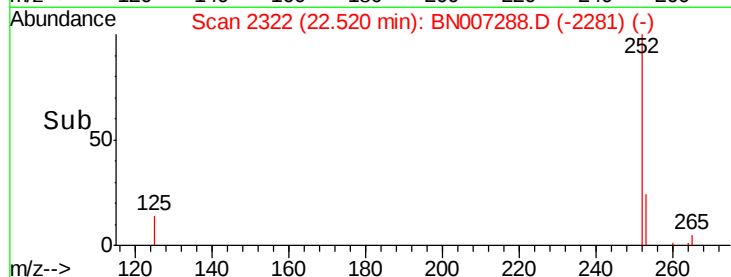
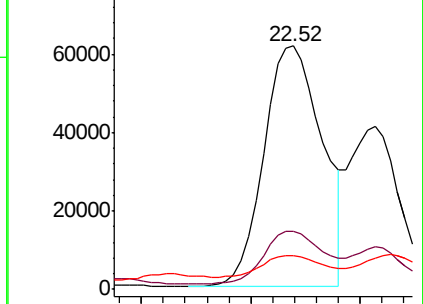
125 14.0 7.8 11.6#



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: 0.687 ng

RT: 22.56 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

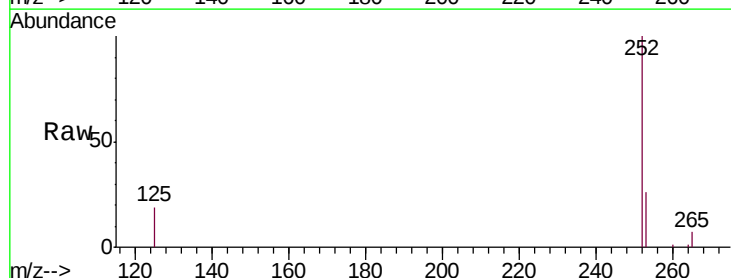
Tgt Ion:252 Resp: 59151

Ion Ratio Lower Upper

252 100

253 26.0 18.4 27.6

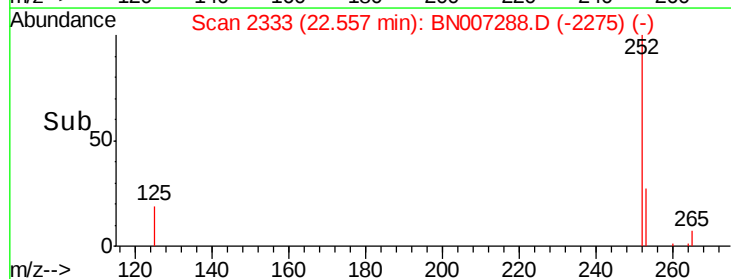
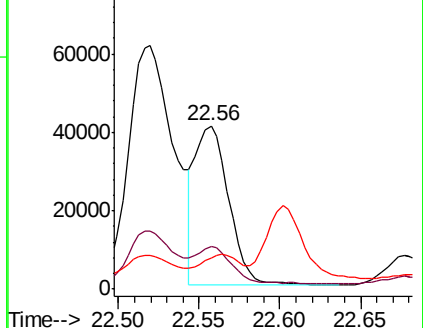
125 18.8 8.0 12.0#



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: 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 :

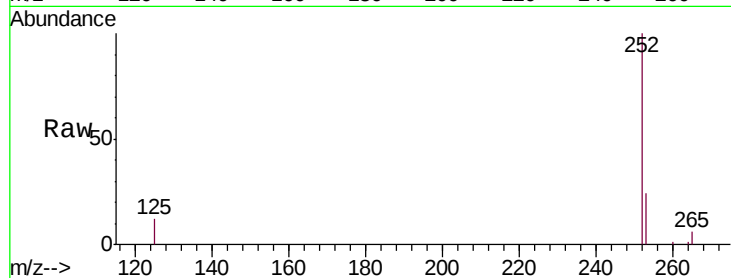
Tot Ion:252 Resp: 87013

Ion Ratio Lower Upper

252 100

253 24.0 18.7 28.1

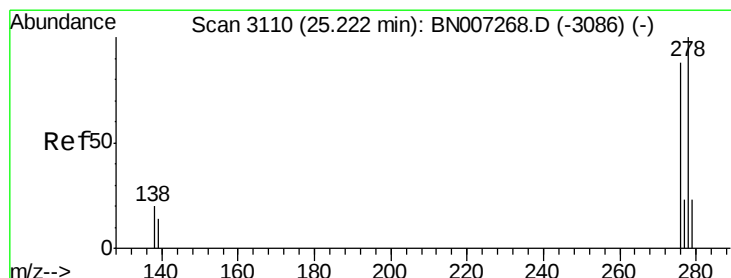
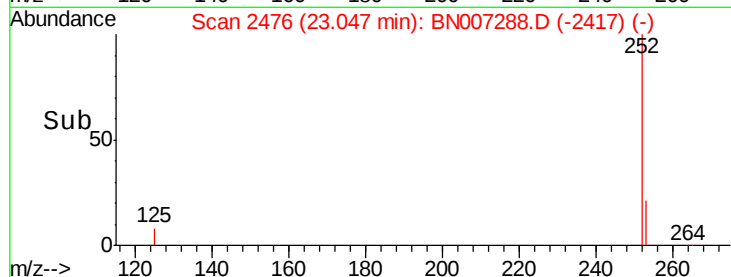
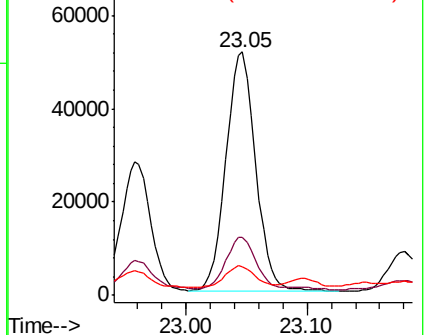
125 12.0 8.7 13.1



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: 0.434 ng

RT: 25.22 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

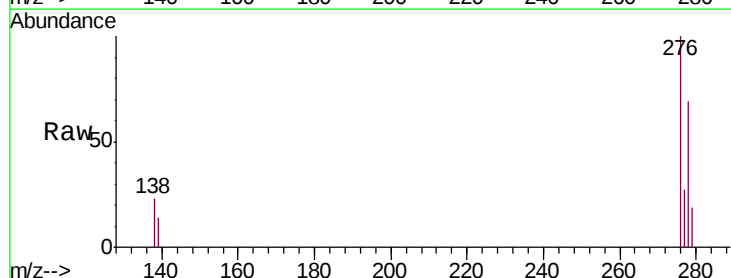
Tgt Ion:278 Resp: 36090

Ion Ratio Lower Upper

278 100

139 20.1 11.8 17.8#

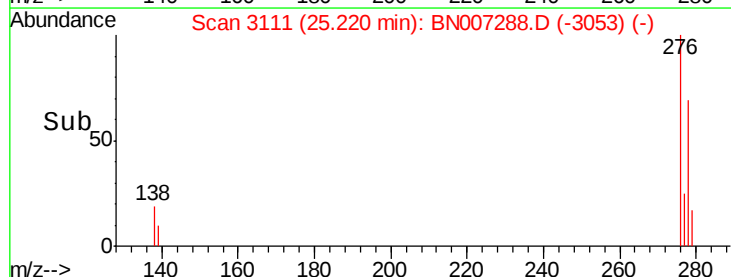
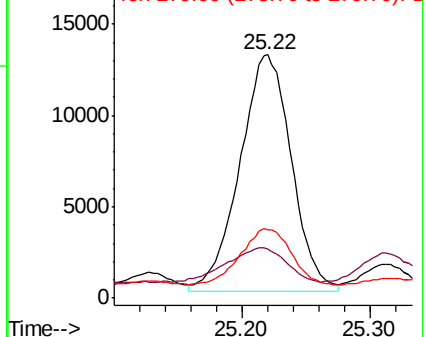
279 28.1 19.8 29.6

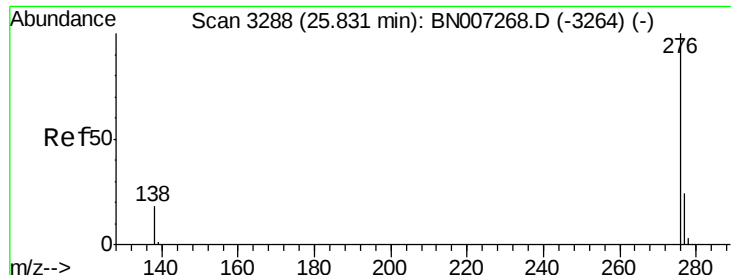


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.821 ng

RT: 25.83 min Scan# 3289

Delta R.T. -0.00 min

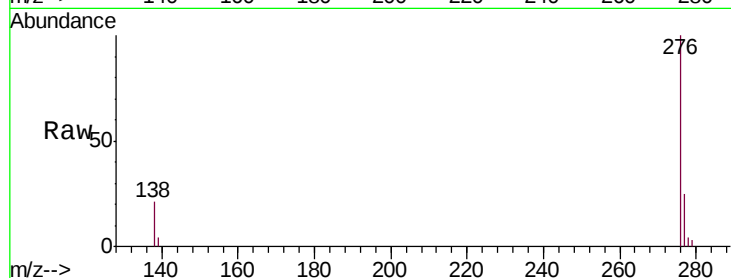
Lab File: BN007288.D

Acq: 21 Aug 2019 11:27

Instrument :

BNA_N

ClientSampleId :



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

