

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
 Data File : BN007284.D
 Acq On : 21 Aug 2019 09:03
 Operator : HP/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 21 12:27:37 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	5575	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	20984	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	11831	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	27203	0.40	ng	0.00
27) Chrysene-d12	21.03	240	26519	0.40	ng	0.00
34) Perylene-d12	23.14	264	29770	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	6181	0.36	ng	0.00
5) Phenol-d6	6.60	99	7548	0.39	ng	0.00
8) Nitrobenzene-d5	8.54	82	6220	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	14615	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2277	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	20843	0.41	ng	0.00
25) Fluoranthene-d10	18.85	212	33817	0.39	ng	0.00
29) Terphenyl-d14	19.47	244	26971	0.41	ng	0.00

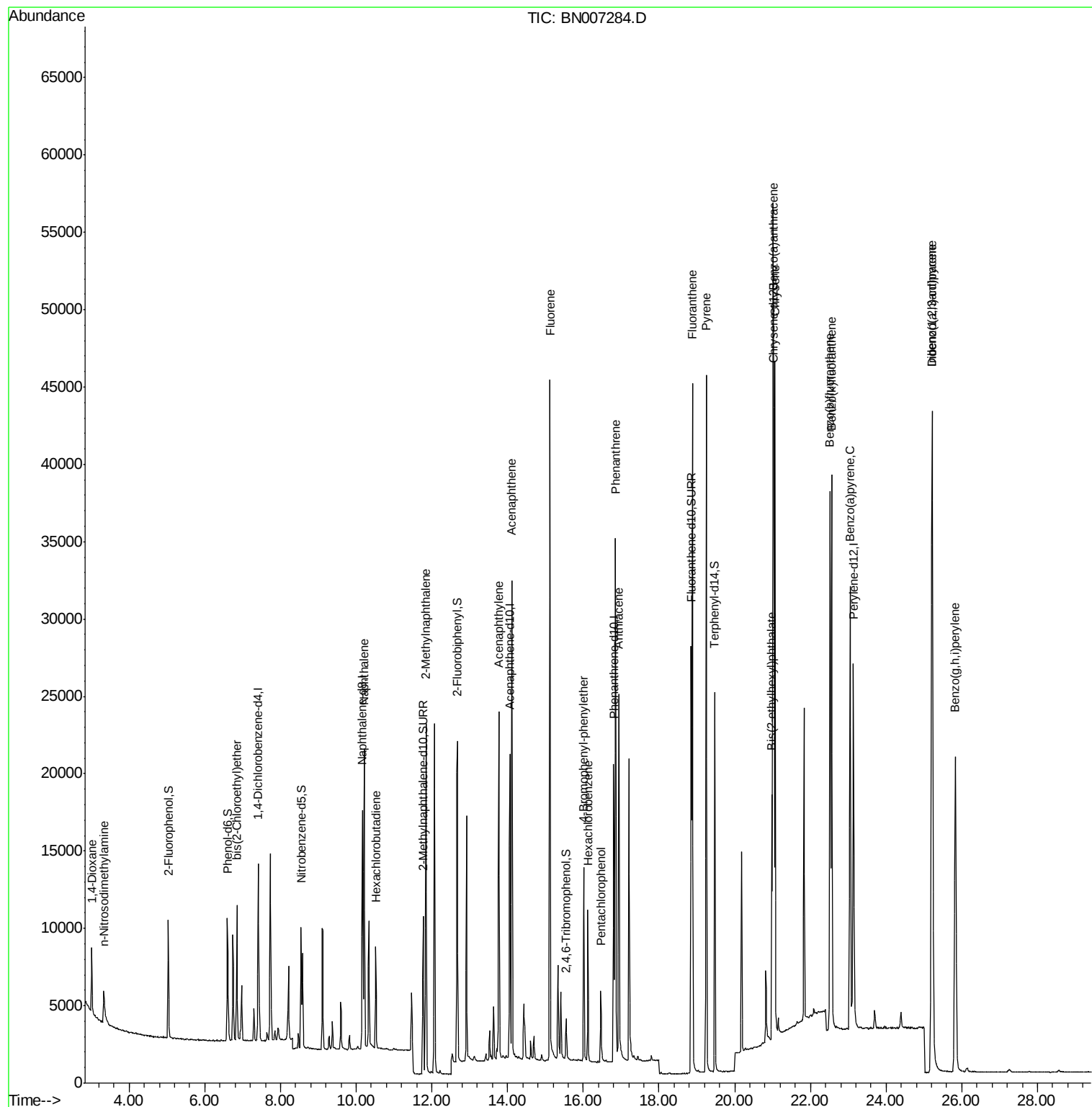
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	3083	0.390	ng	97
3) n-Nitrosodimethylamine	3.33	42	1882	0.355	ng	97
6) bis(2-Chloroethyl)ether	6.85	93	6670	0.405	ng	98
9) Naphthalene	10.22	128	24516	0.412	ng	100
10) Hexachlorobutadiene	10.52	225	5305	0.404	ng	# 99
12) 2-Methylnaphthalene	11.84	142	16885	0.410	ng	99
16) Acenaphthylene	13.77	152	25315	0.403	ng	100
17) Acenaphthene	14.11	154	16150	0.404	ng	98
18) Fluorene	15.12	166	20988	0.402	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	6409	0.411	ng	# 86
21) Hexachlorobenzene	16.12	284	7562	0.420	ng	100
22) Pentachlorophenol	16.46	266	2562	0.354	ng	95
23) Phenanthrene	16.85	178	34400	0.403	ng	100
24) Anthracene	16.93	178	30490	0.397	ng	100
26) Fluoranthene	18.88	202	40818	0.395	ng	100
28) Pyrene	19.25	202	41515	0.419	ng	100
30) Benzo(a)anthracene	21.02	228	39402	0.400	ng	98
31) Chrysene	21.07	228	42296	0.420	ng	97
32) Bis(2-ethylhexyl)phthalate	20.98	149	13799	0.350	ng	98
33) Indeno(1,2,3-cd)pyrene	25.21	276	52705	0.435	ng	100
35) Benzo(b)fluoranthene	22.52	252	42039	0.379	ng	100
36) Benzo(k)fluoranthene	22.56	252	44100	0.406	ng	100
37) Benzo(a)pyrene	23.05	252	39443	0.394	ng	100
38) Dibenzo(a,h)anthracene	25.22	278	42273	0.402	ng	99
39) Benzo(g,h,i)perylene	25.83	276	42052	0.396	ng	100

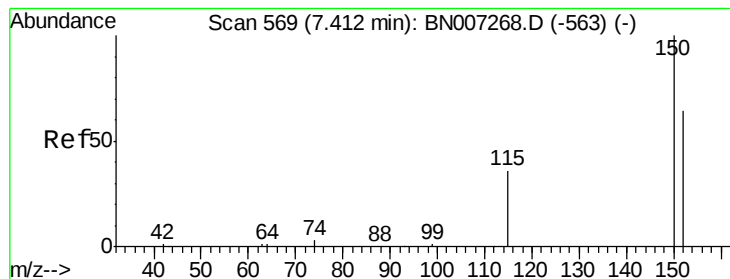
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
Data File : BN007284.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 21 12:27:37 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 569

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :

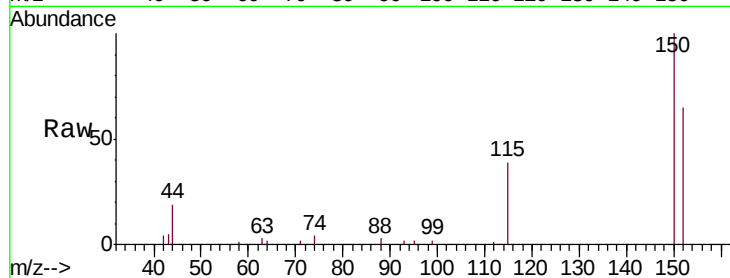
Tot Ion:152 Resp: 5575

Ion Ratio Lower Upper

152 100

150 153.5 123.8 185.8

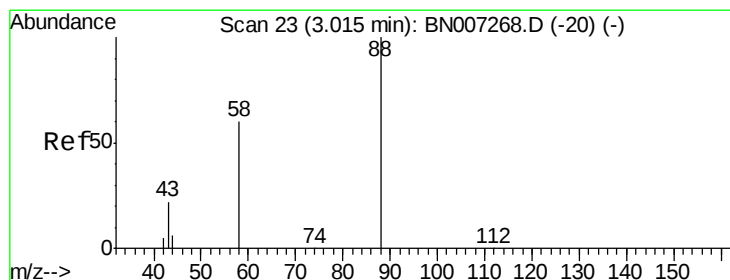
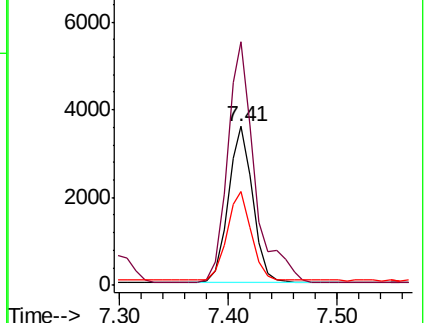
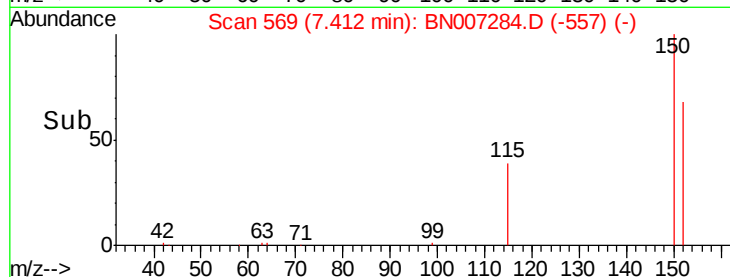
115 59.2 47.3 70.9



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: 0.390 ng

RT: 3.01 min Scan# 23

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

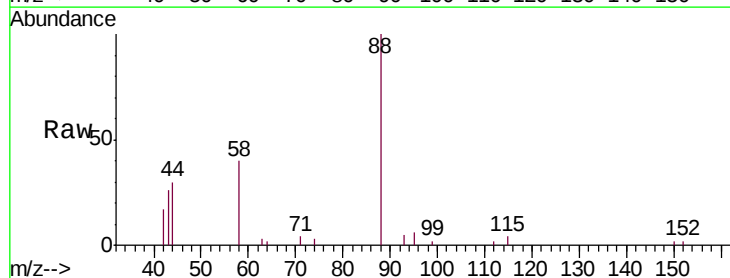
Tgt Ion: 88 Resp: 3083

Ion Ratio Lower Upper

88 100

58 59.4 45.5 68.3

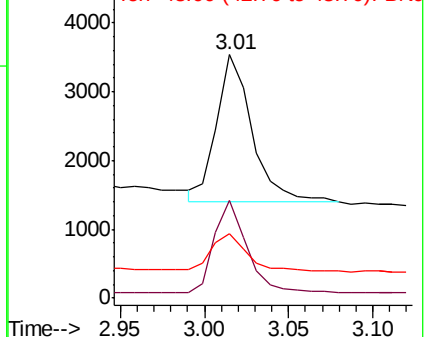
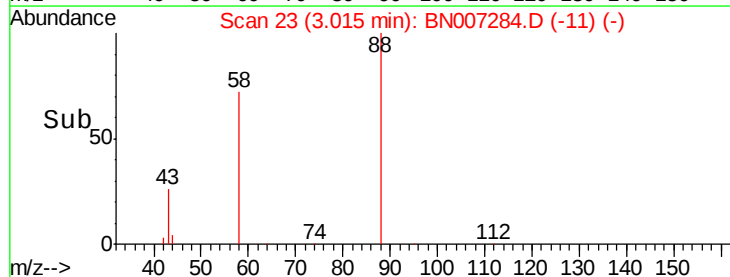
43 26.4 20.4 30.6

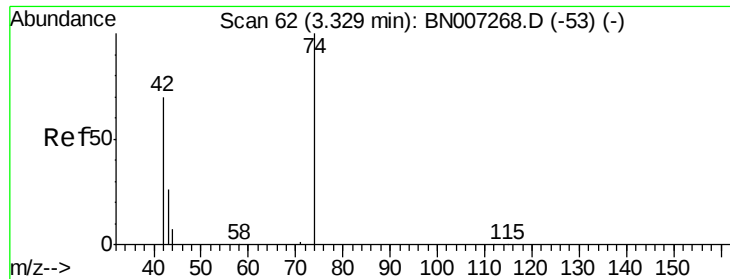


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.355 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :

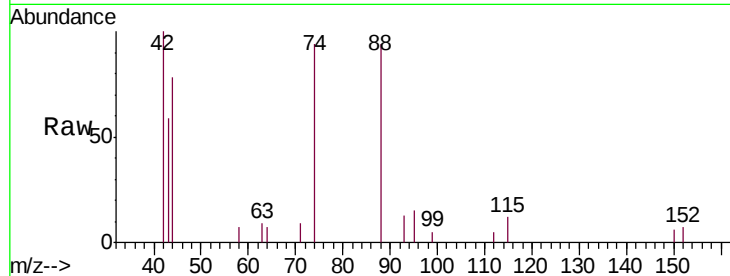
Tot Ion: 42 Resp: 1882

Ion Ratio Lower Upper

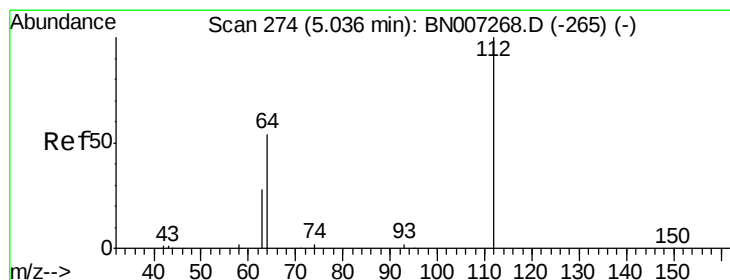
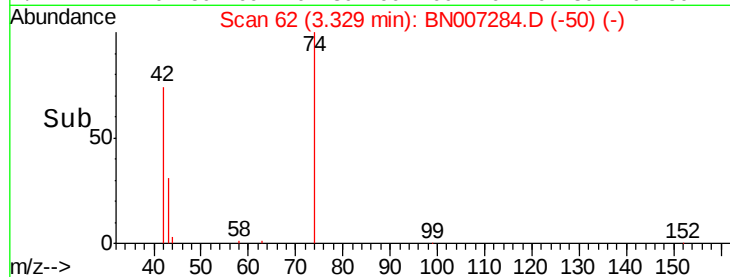
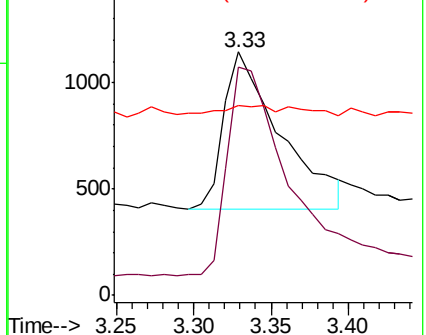
42 100

74 139.7 109.0 163.4

44 5.5 4.2 6.2



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.364 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

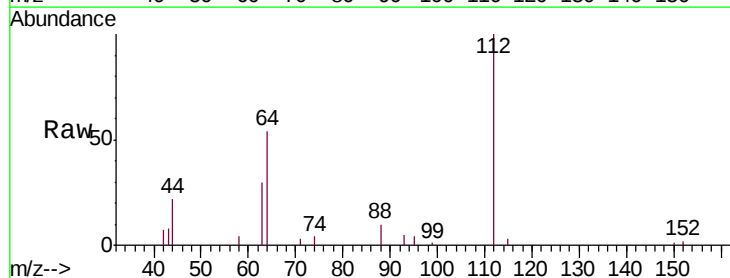
Tgt Ion: 112 Resp: 6181

Ion Ratio Lower Upper

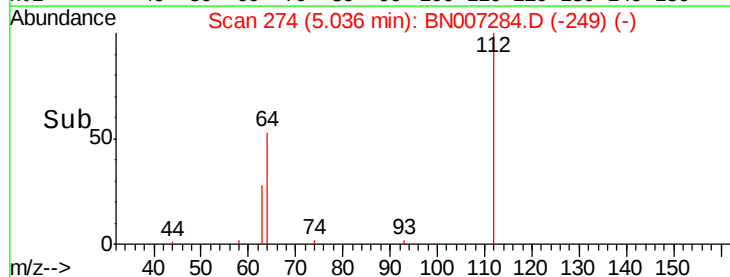
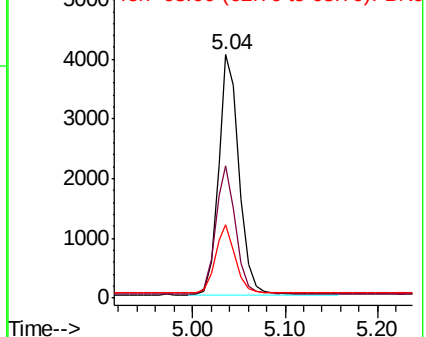
112 100

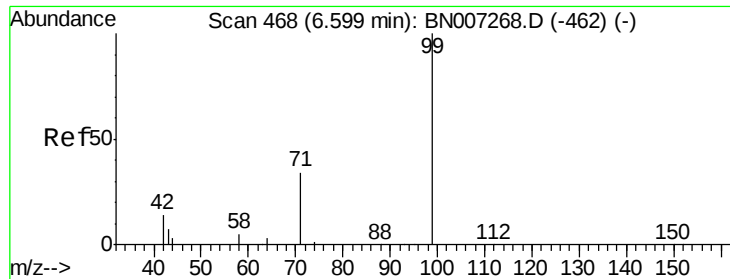
64 52.6 41.8 62.8

63 27.6 22.6 34.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.385 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :

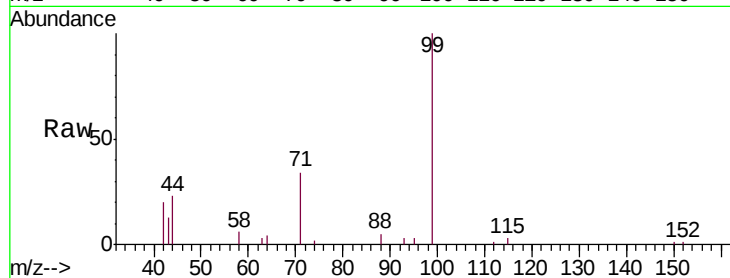
Tot Ion: 99 Resp: 7548

Ion Ratio Lower Upper

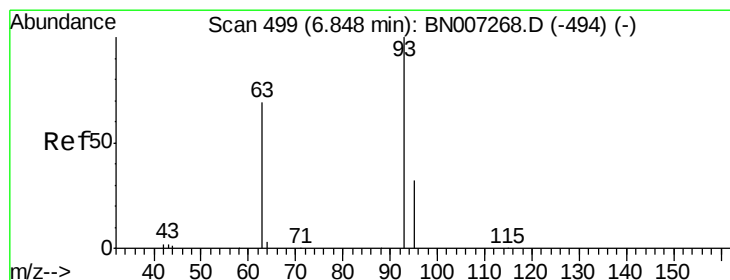
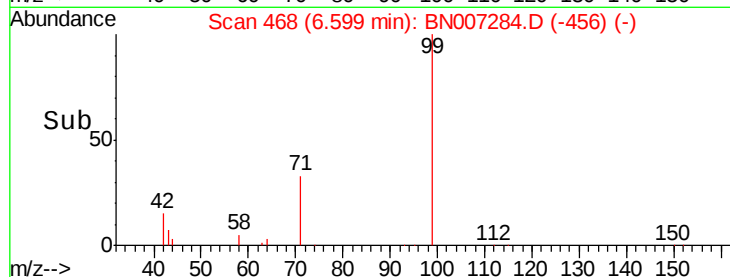
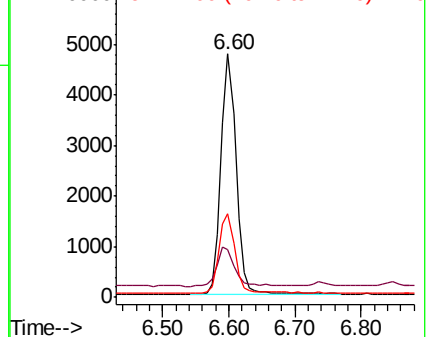
99 100

42 19.0 14.3 21.5

71 33.9 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.405 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

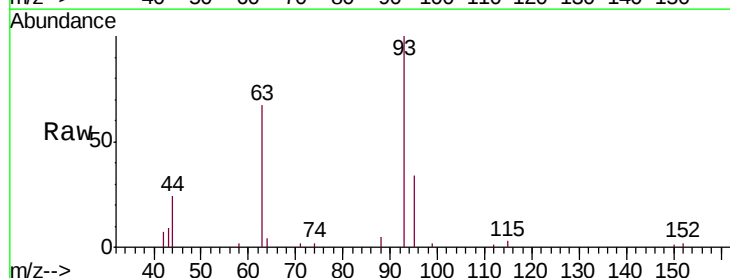
Tgt Ion: 93 Resp: 6670

Ion Ratio Lower Upper

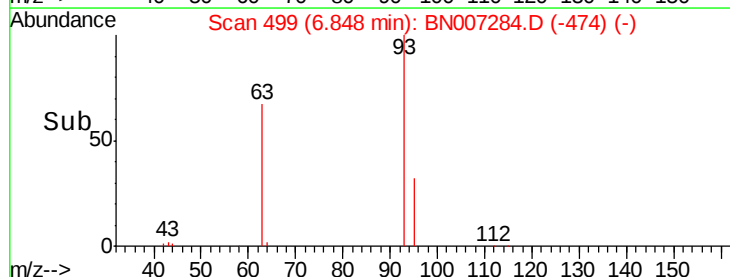
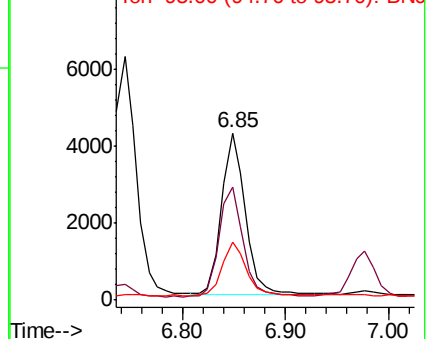
93 100

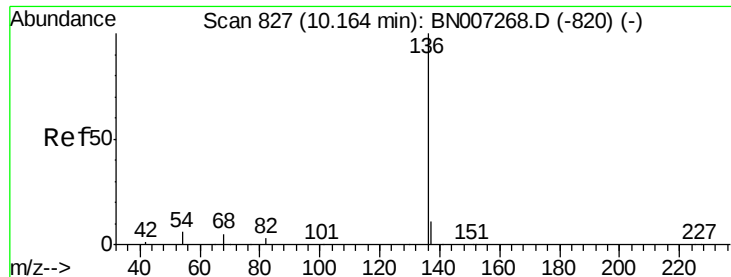
63 69.3 54.4 81.6

95 33.3 25.5 38.3



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 20984

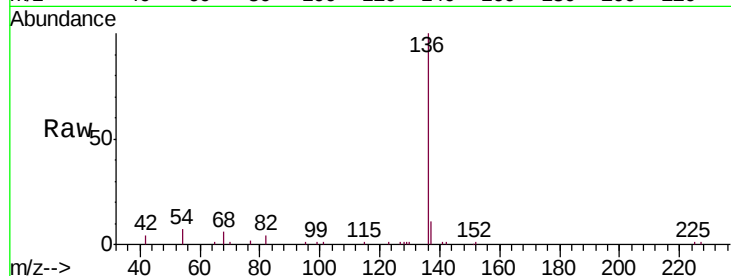
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.5 5.9 8.9

68 6.0 5.6 8.4

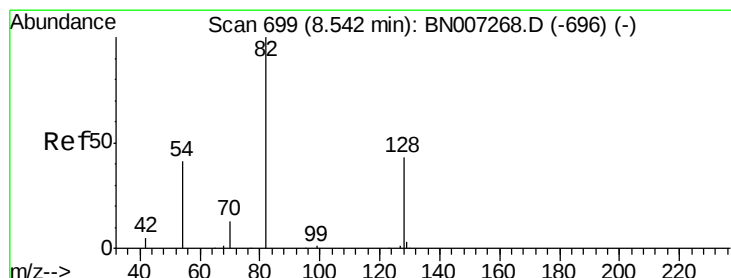
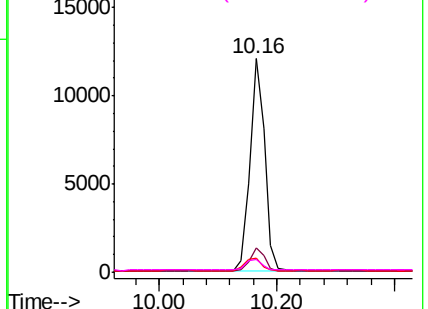
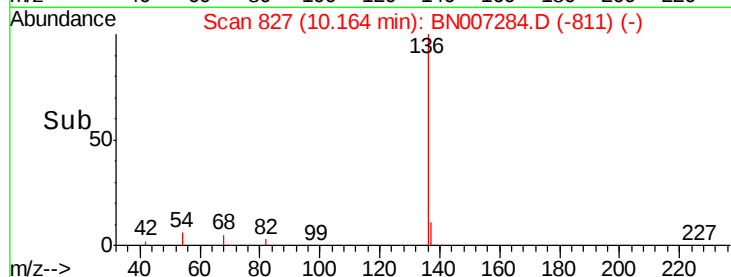


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.386 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

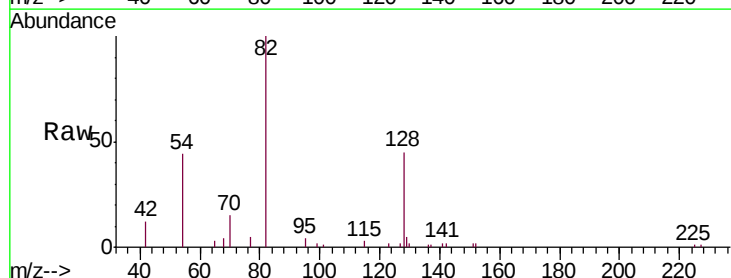
Tgt Ion: 82 Resp: 6220

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.6

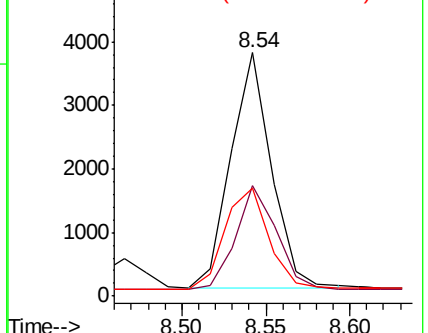
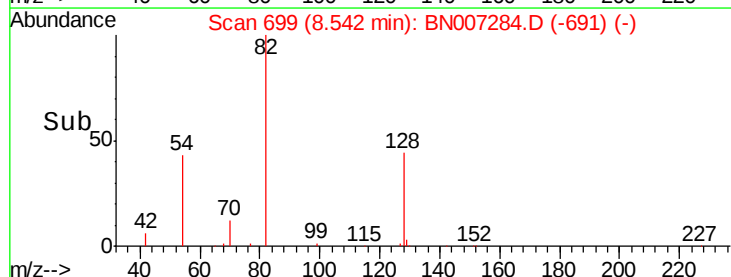
54 44.1 34.7 52.1

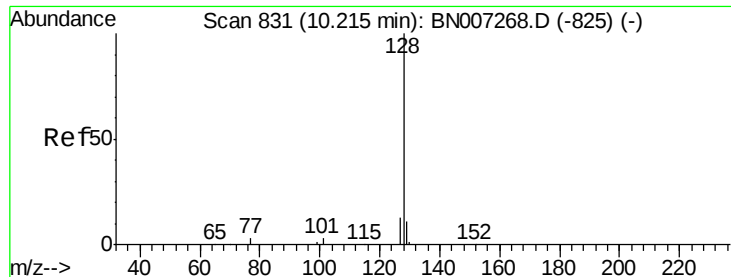


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.412 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :

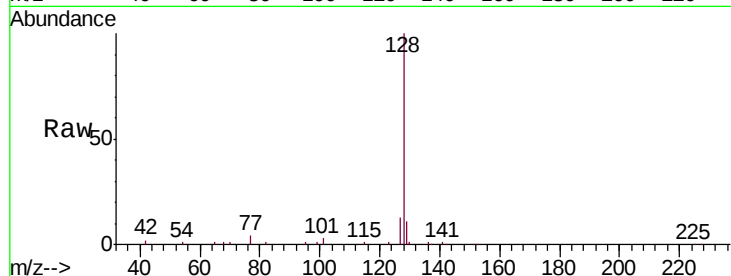
Tot Ion:128 Resp: 24516

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

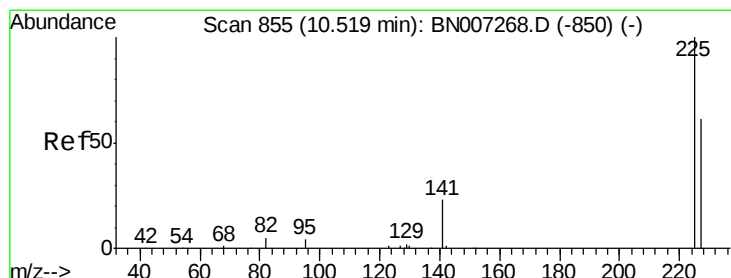
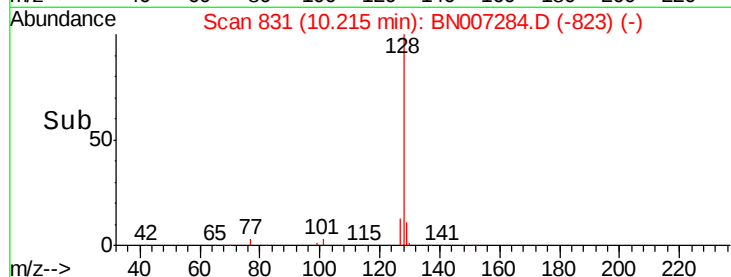
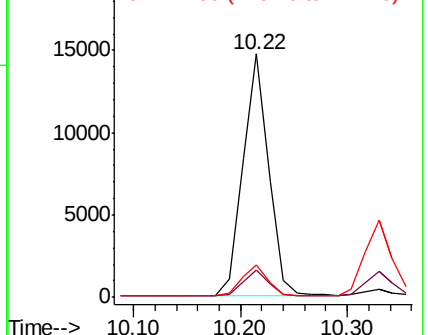
127 13.4 10.6 16.0



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: 0.404 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

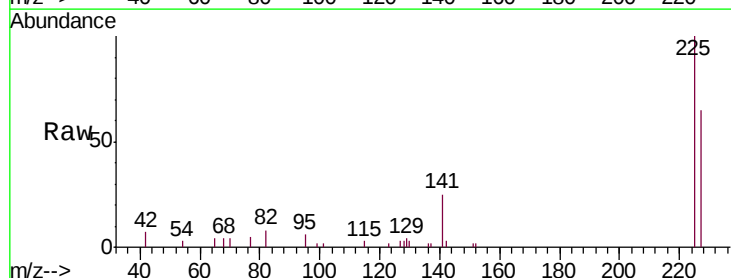
Tgt Ion:225 Resp: 5305

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

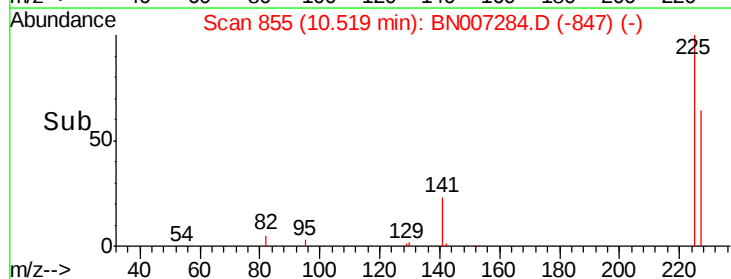
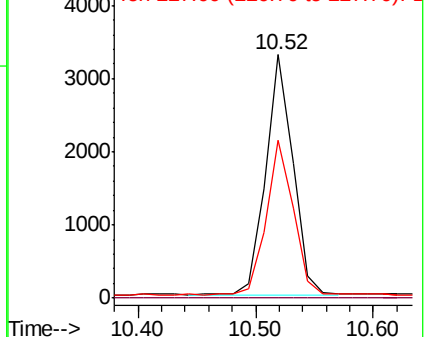
227 63.4 50.2 75.2

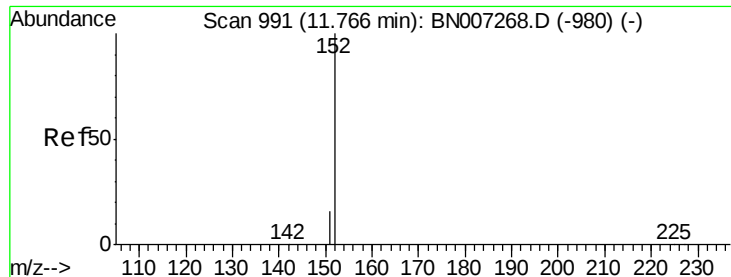


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.403 ng

RT: 11.77 min Scan# 991

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

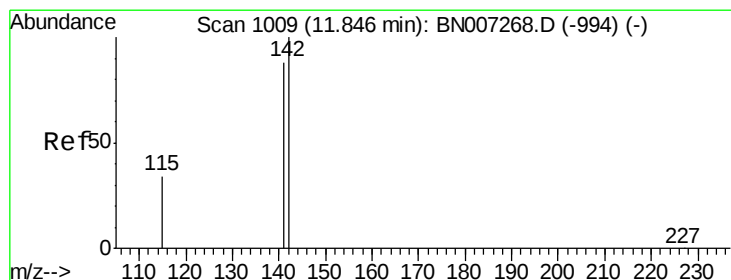
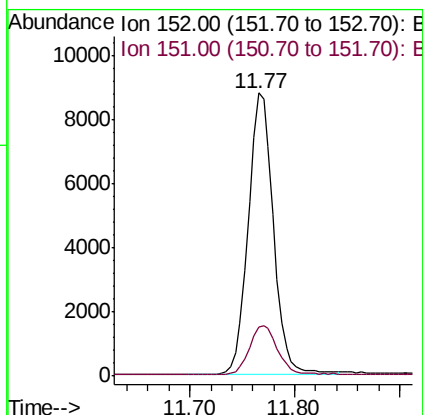
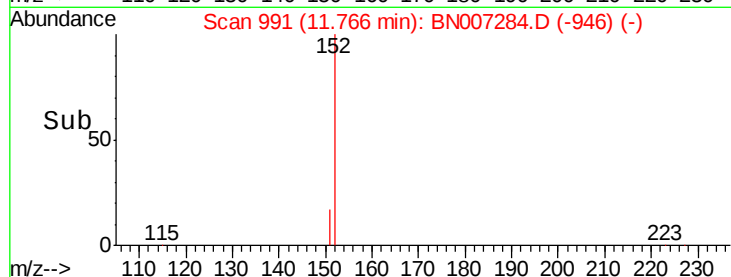
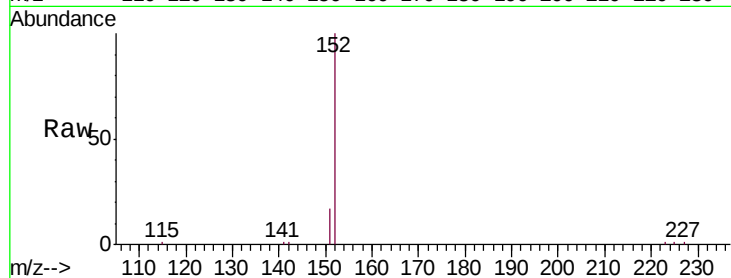
ClientSampleId :

Tot Ion:152 Resp: 14615

Ion Ratio Lower Upper

152 100

151 19.1 15.2 22.8



#12

2-Methylnaphthalene

Concen: 0.410 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

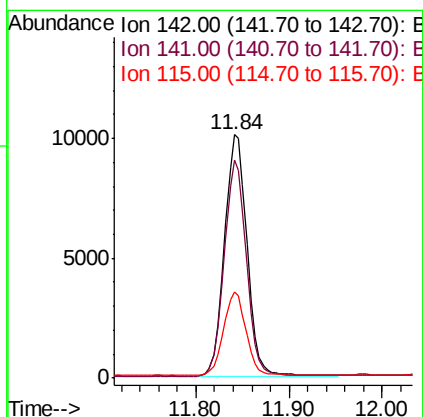
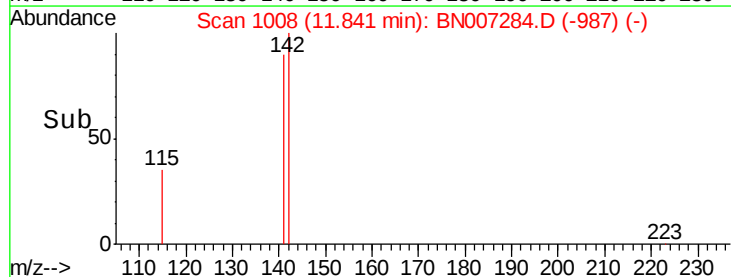
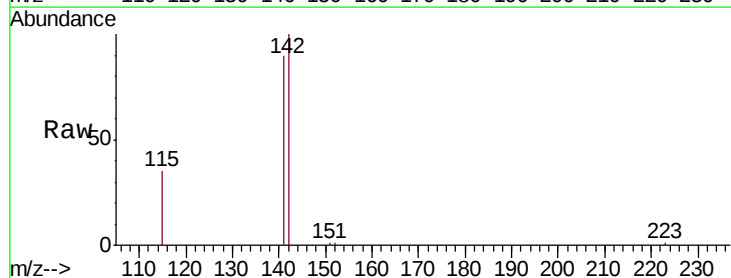
Tgt Ion:142 Resp: 16885

Ion Ratio Lower Upper

142 100

141 89.7 70.7 106.1

115 35.4 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: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :

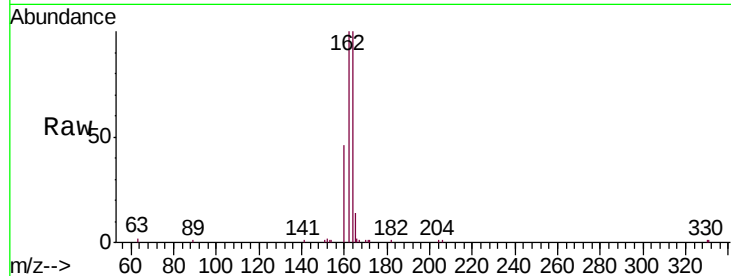
Tot Ion:164 Resp: 11831

Ion Ratio Lower Upper

164 100

162 100.0 82.0 123.0

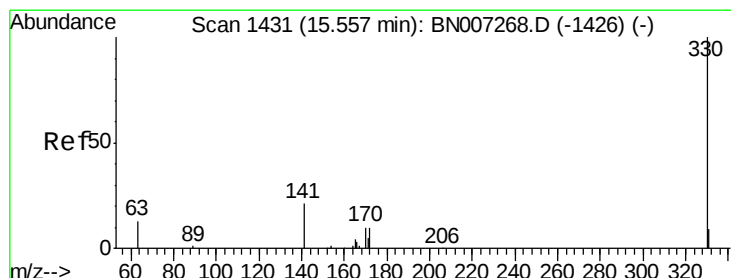
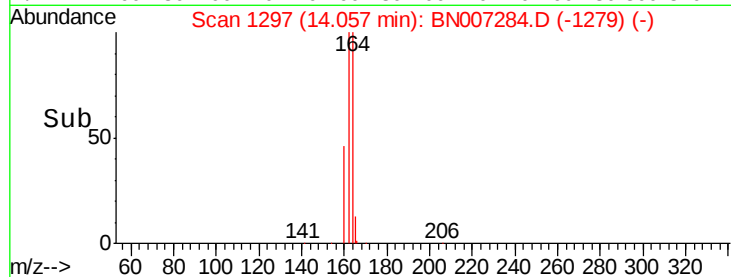
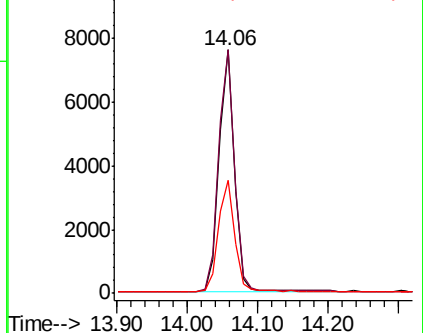
160 46.3 38.2 57.4



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: 0.343 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

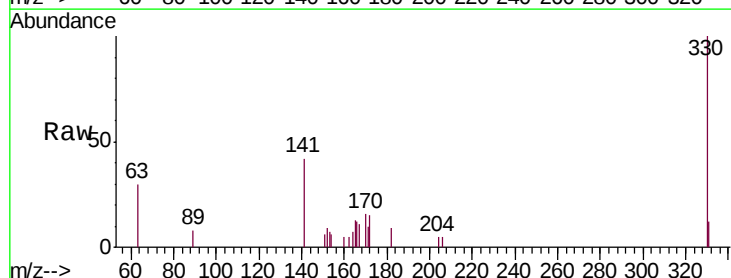
Tgt Ion:330 Resp: 2277

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

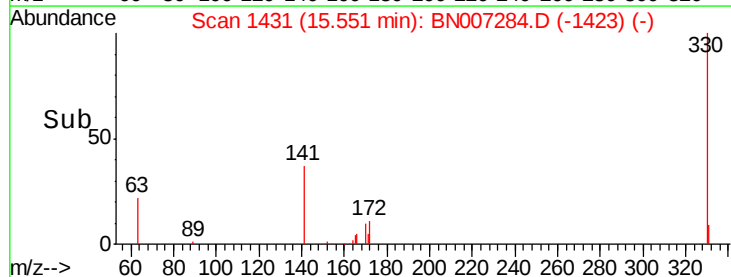
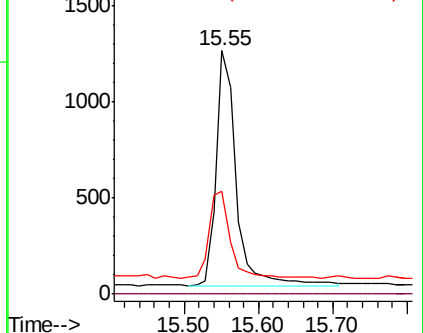
141 38.3 30.3 45.5

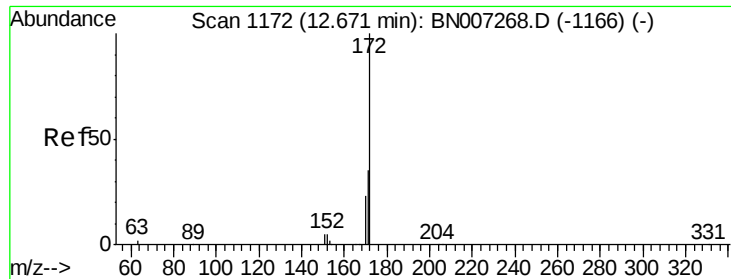


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

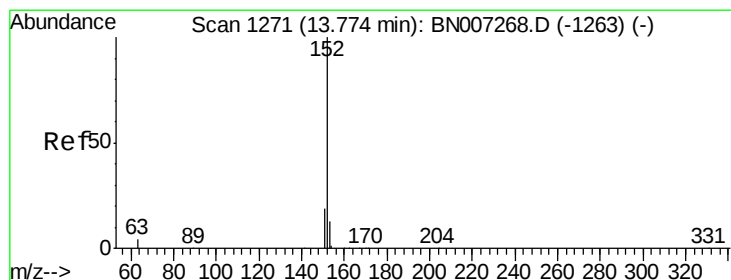
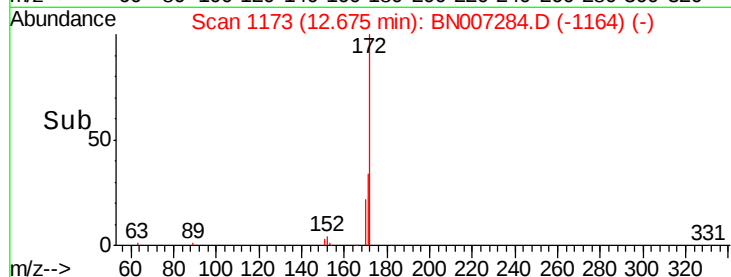
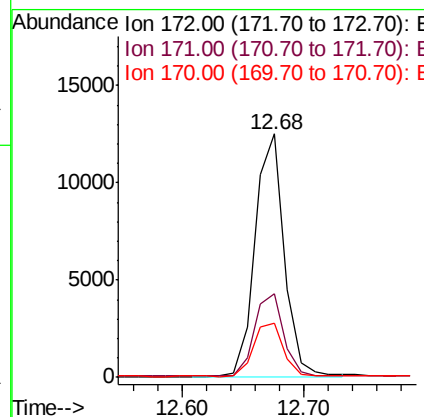
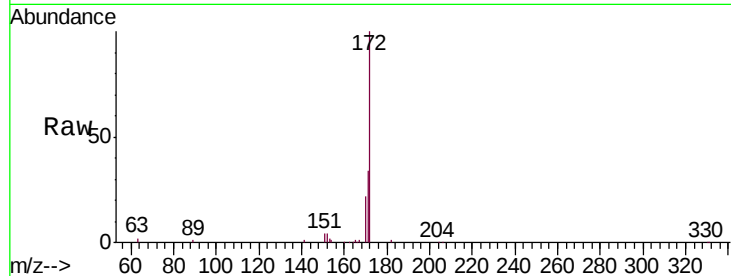




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007284.D
Acq: 21 Aug 2019 09:03

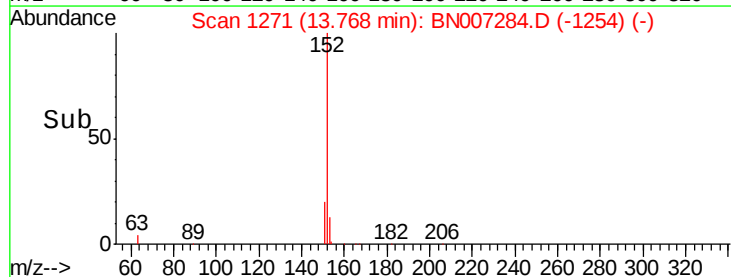
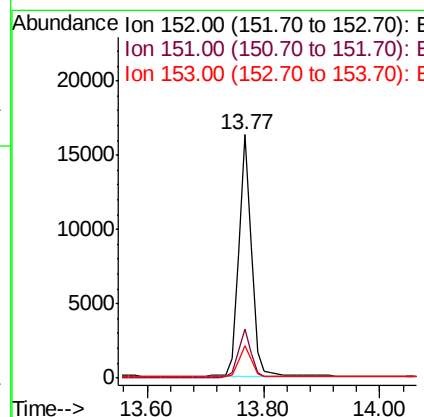
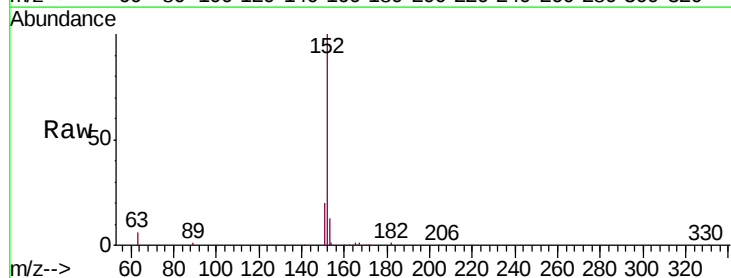
Instrument :
BNA_N
ClientSampleId :

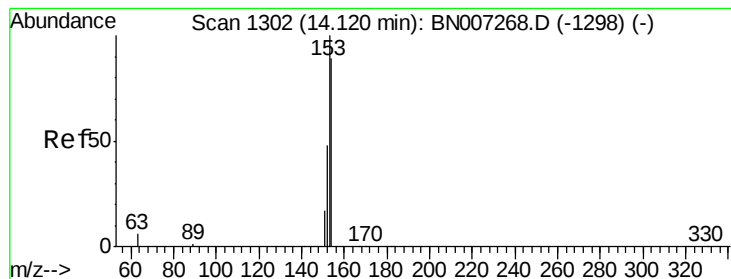
Tot Ion:172 Resp: 20843
Ion Ratio Lower Upper
172 100
171 34.2 28.6 43.0
170 22.4 18.7 28.1



#16
Acenaphthylene
Concen: 0.403 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007284.D
Acq: 21 Aug 2019 09:03

Tgt Ion:152 Resp: 25315
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.2
153 12.7 10.1 15.1





#17

Acenaphthene

Concen: 0.404 ng

RT: 14.11 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :

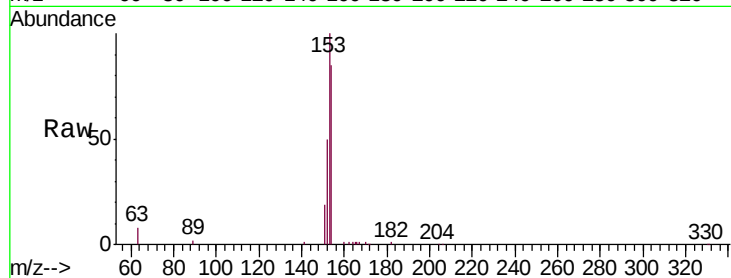
Tot Ion:154 Resp: 16150

Ion Ratio Lower Upper

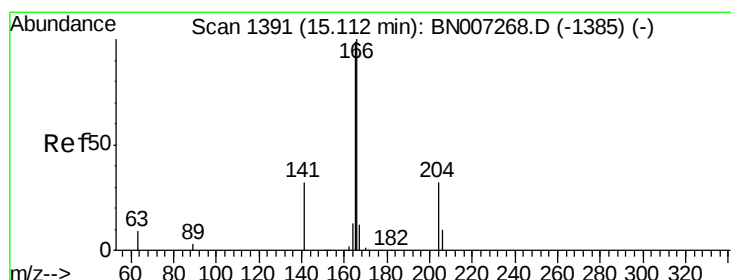
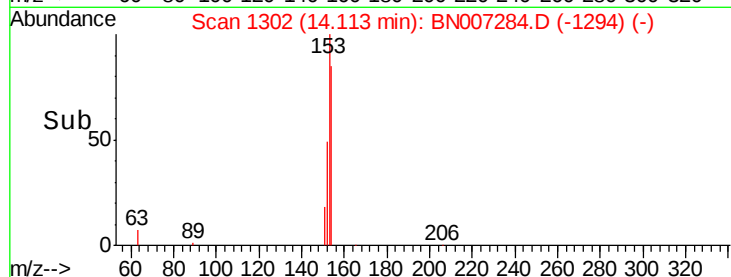
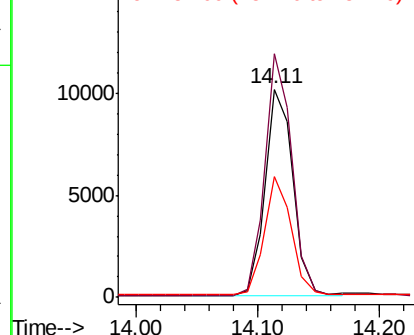
154 100

153 114.8 89.9 134.9

152 55.8 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: 0.402 ng

RT: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

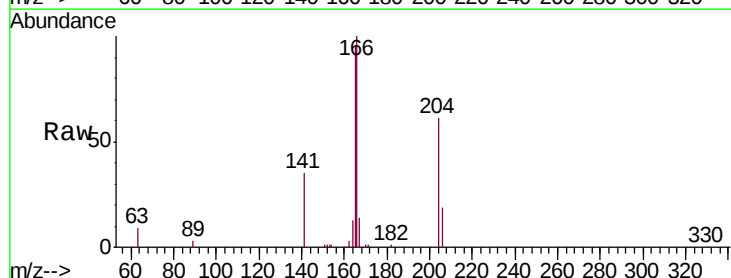
Tgt Ion:166 Resp: 20988

Ion Ratio Lower Upper

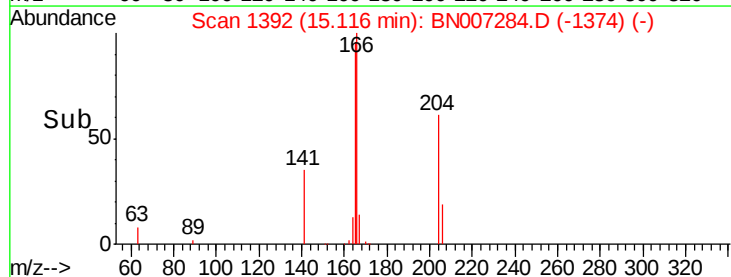
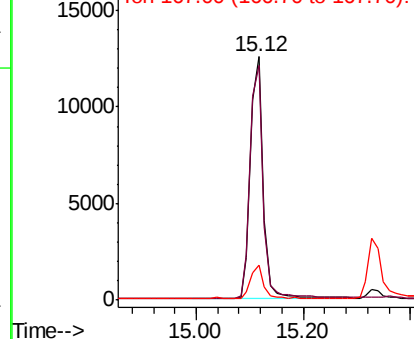
166 100

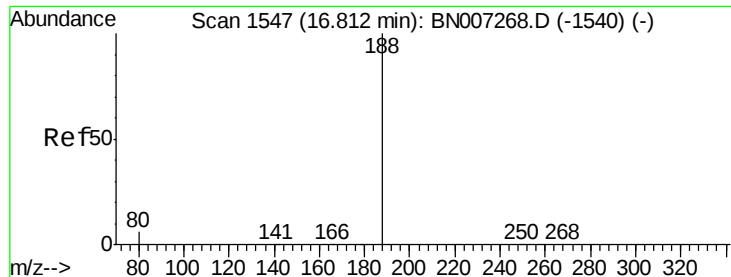
165 98.0 78.3 117.5

167 13.5 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: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :

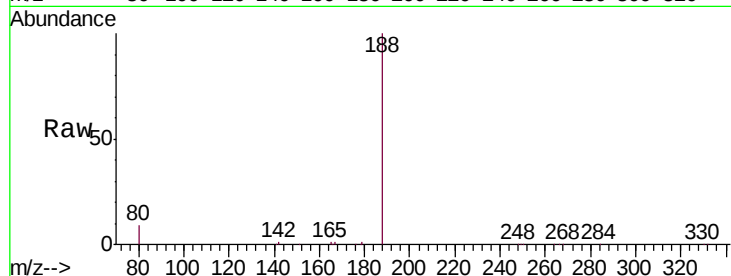
Tot Ion:188 Resp: 27203

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

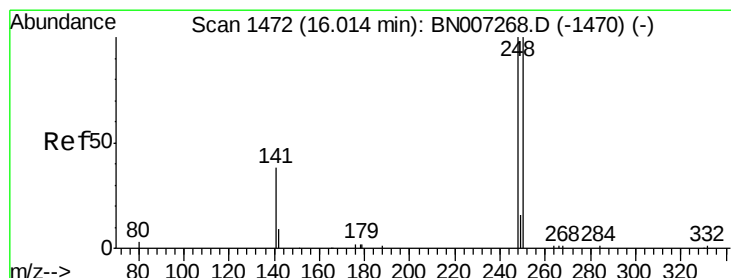
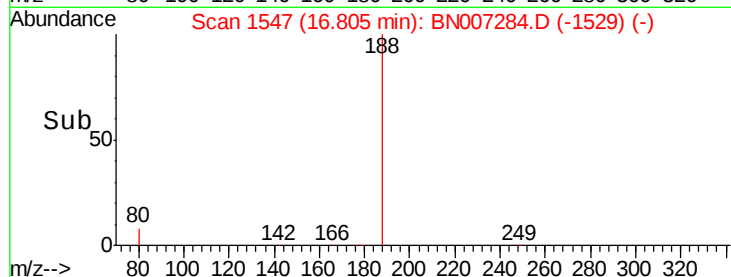
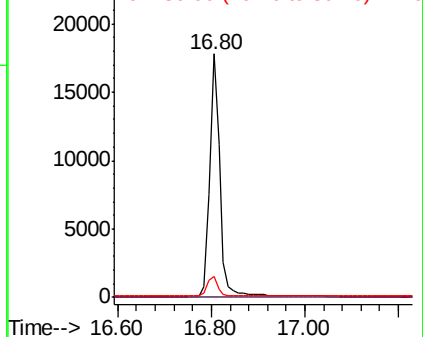
80 8.7 5.2 7.8#



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: 0.411 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

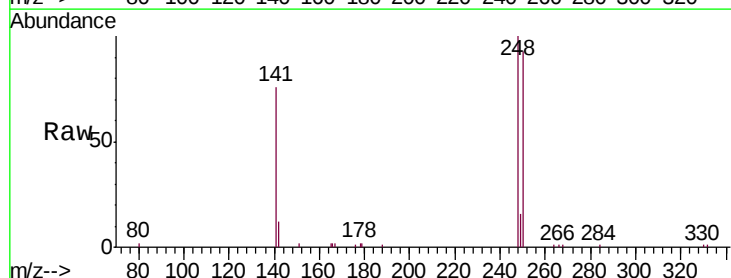
Tgt Ion:248 Resp: 6409

Ion Ratio Lower Upper

248 100

250 92.6 79.6 119.4

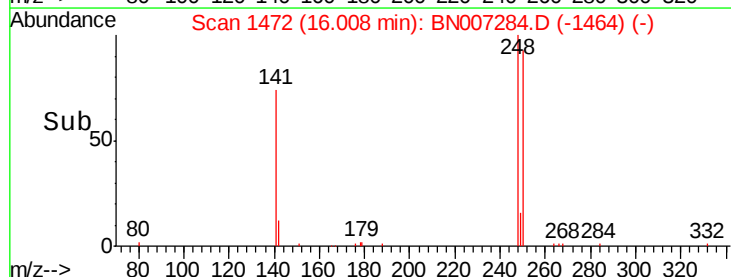
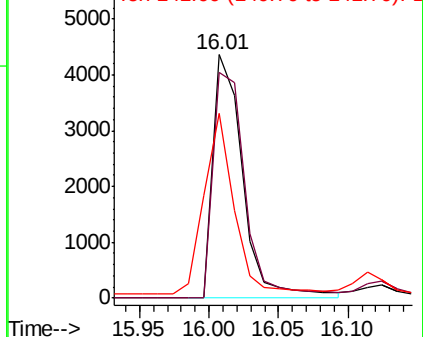
141 75.7 45.1 67.7#



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: 0.420 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :

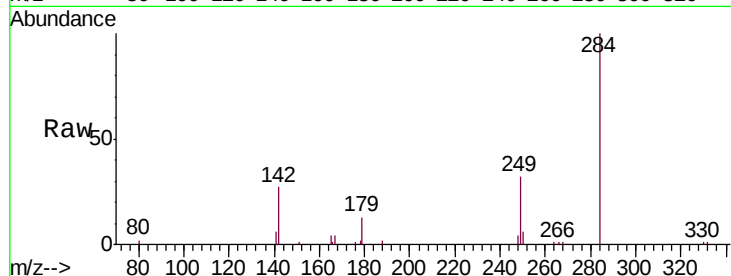
Tot Ion:284 Resp: 7562

Ion Ratio Lower Upper

284 100

142 37.4 29.5 44.3

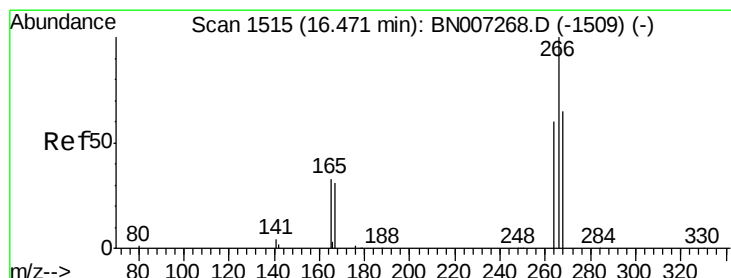
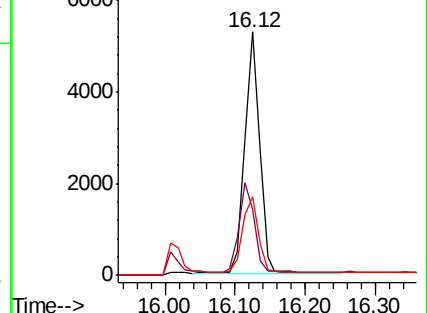
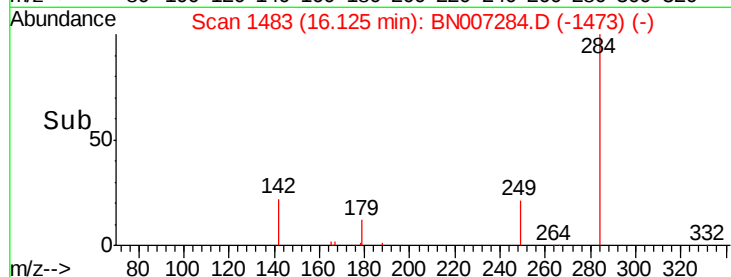
249 32.9 26.2 39.4



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: 0.354 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

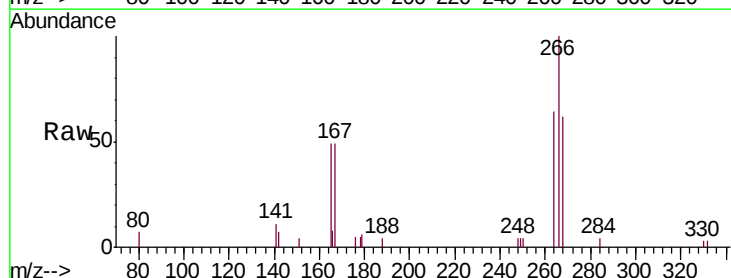
Tgt Ion:266 Resp: 2562

Ion Ratio Lower Upper

266 100

264 63.9 48.7 73.1

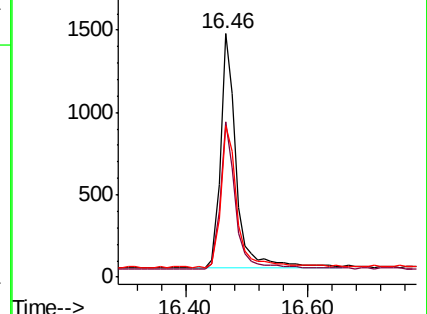
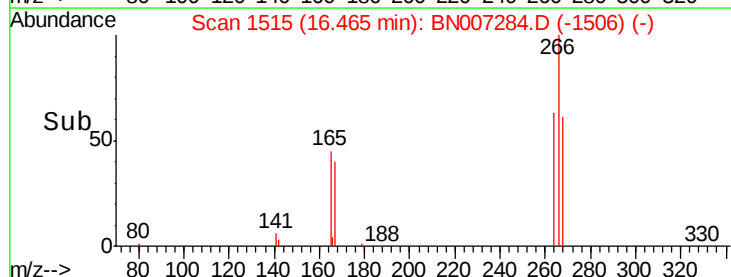
268 62.4 53.5 80.3

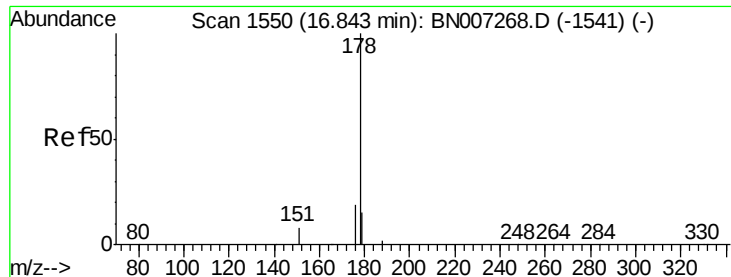


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.403 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :

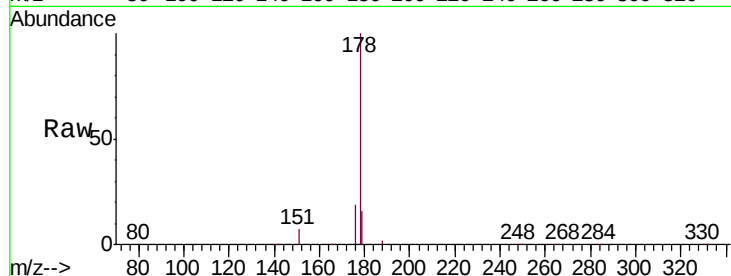
Tot Ion:178 Resp: 34400

Ion Ratio Lower Upper

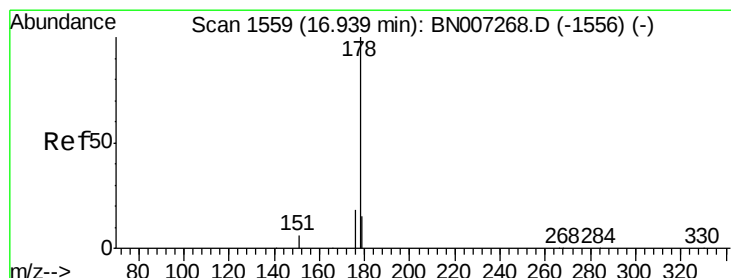
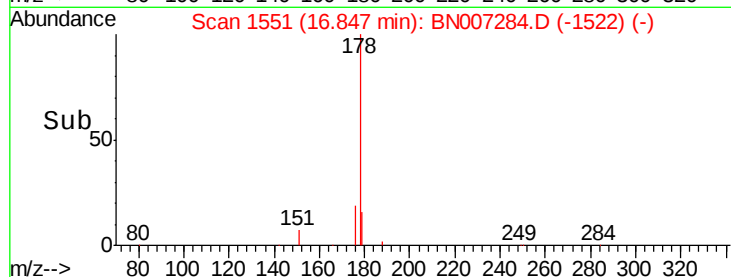
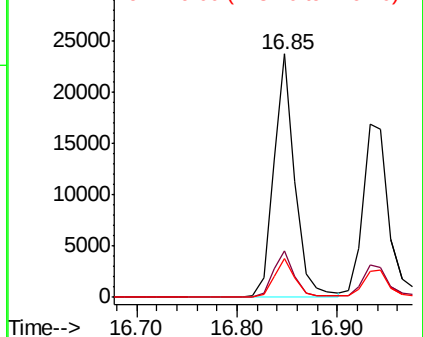
178 100

176 19.1 15.2 22.8

179 15.6 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: 0.397 ng

RT: 16.93 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

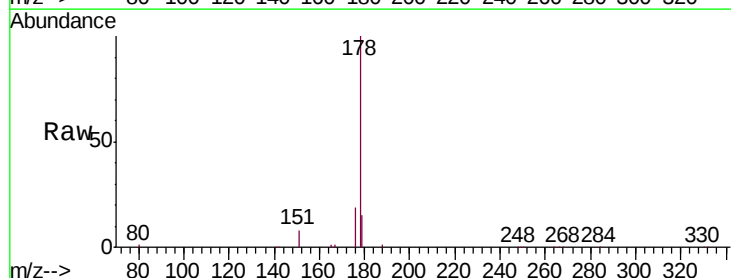
Tgt Ion:178 Resp: 30490

Ion Ratio Lower Upper

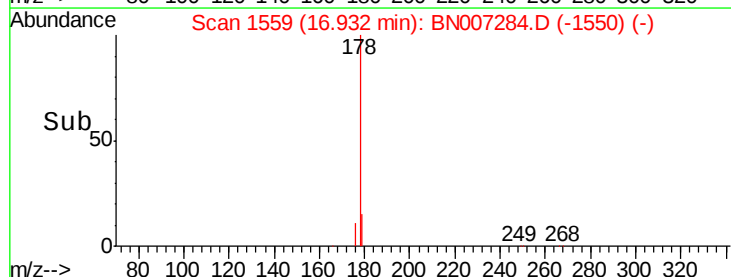
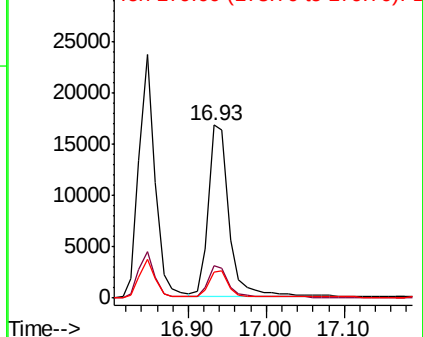
178 100

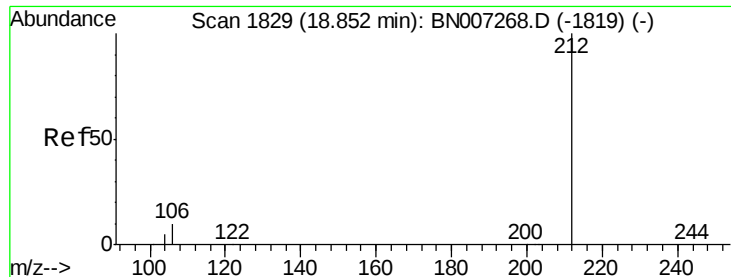
176 18.1 14.3 21.5

179 15.3 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: 0.392 ng

RT: 18.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :

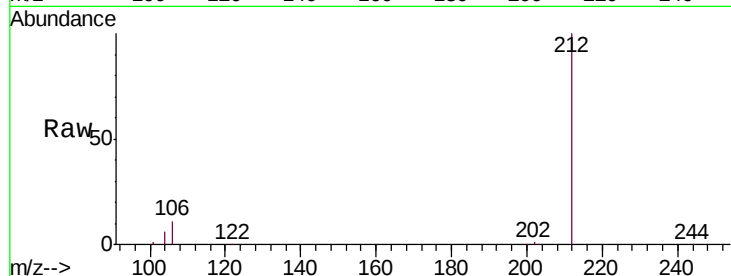
Tot Ion:212 Resp: 33817

Ion Ratio Lower Upper

212 100

106 10.4 8.2 12.4

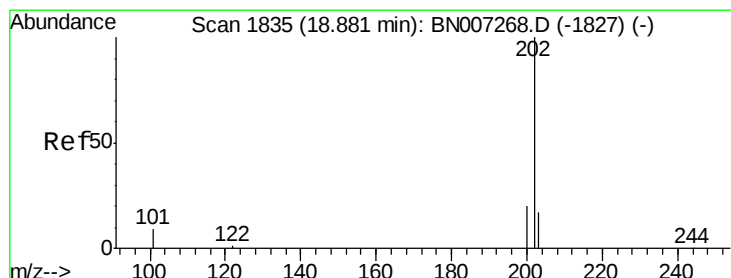
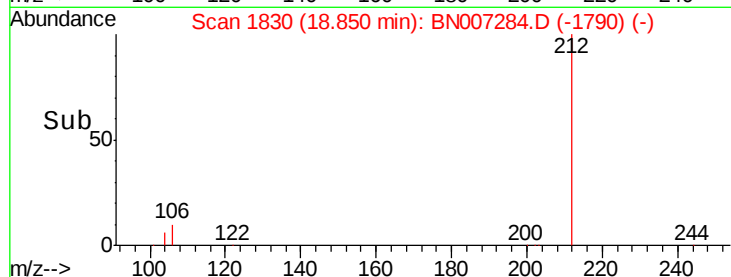
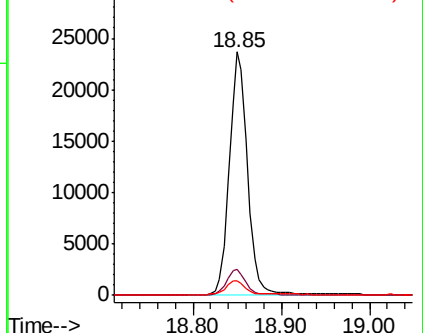
104 6.0 4.7 7.1



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: 0.395 ng

RT: 18.88 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

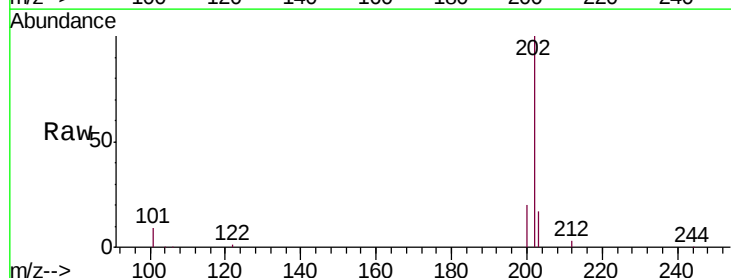
Tgt Ion:202 Resp: 40818

Ion Ratio Lower Upper

202 100

101 9.2 7.2 10.8

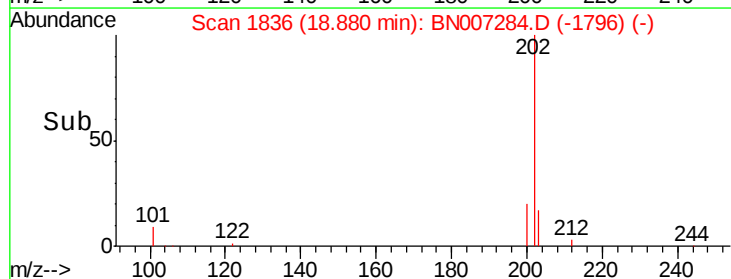
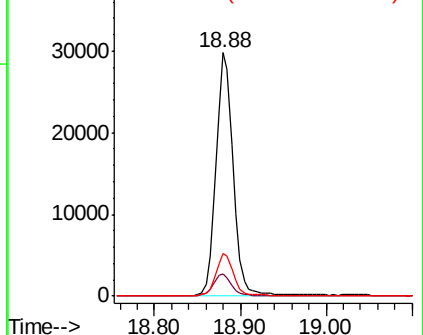
203 17.0 13.8 20.6



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: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampled :

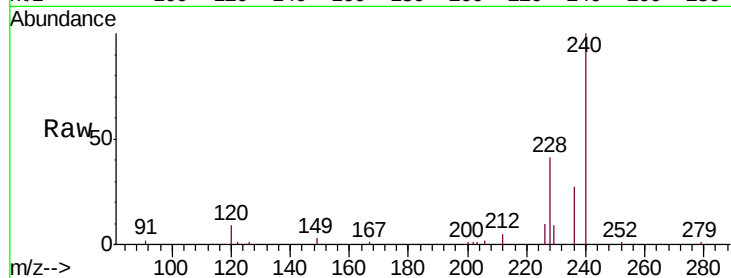
Tot Ion:240 Resp: 26519

Ion Ratio Lower Upper

240 100

120 8.8 5.6 8.4#

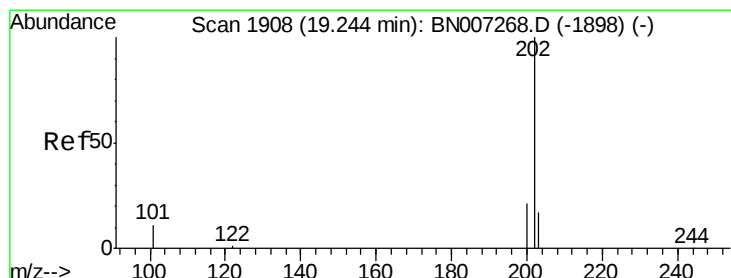
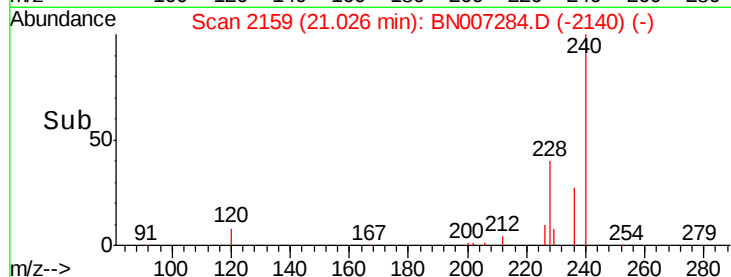
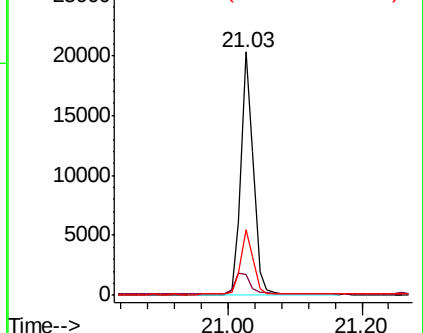
236 27.2 21.6 32.4



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: 0.419 ng

RT: 19.25 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

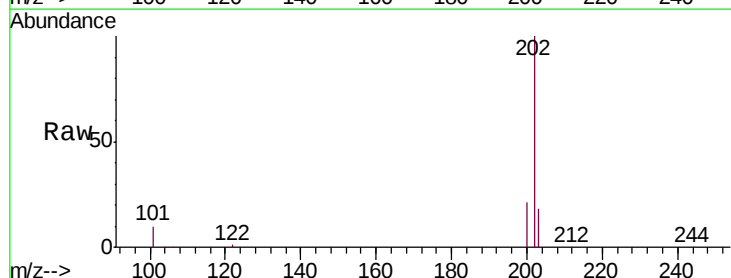
Tgt Ion:202 Resp: 41515

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

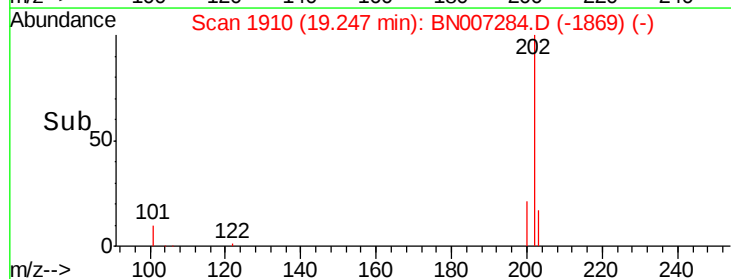
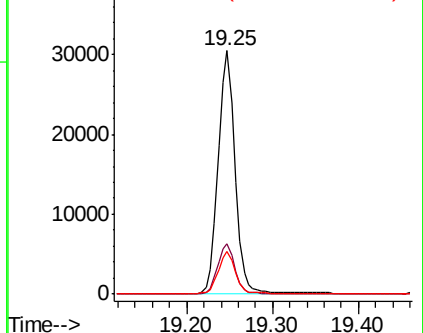
203 17.3 13.9 20.9



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: 0.407 ng

RT: 19.47 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :

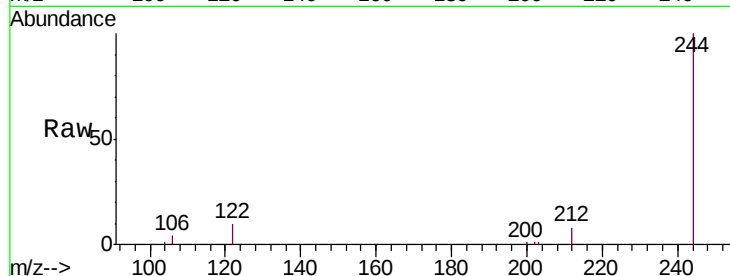
Tot Ion:244 Resp: 26971

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

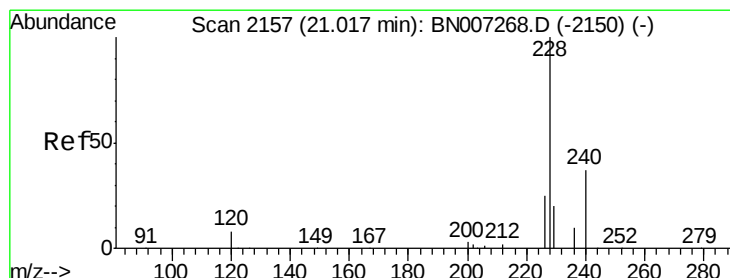
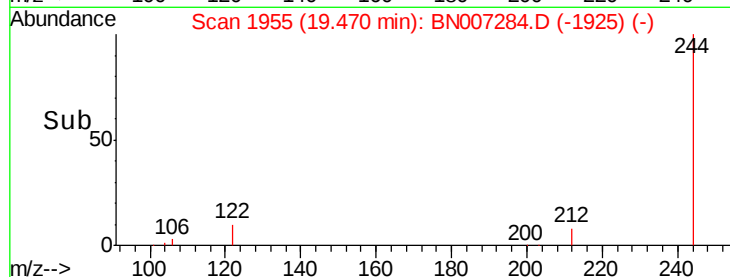
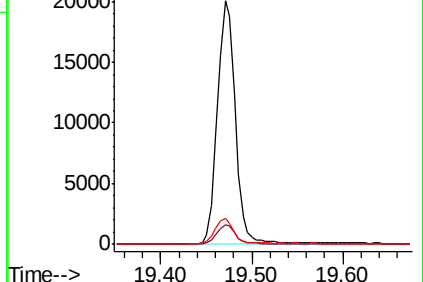
122 10.5 7.9 11.9



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: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

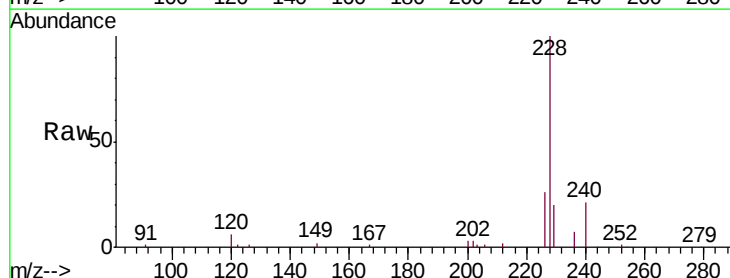
Tgt Ion:228 Resp: 39402

Ion Ratio Lower Upper

228 100

226 26.3 20.6 30.8

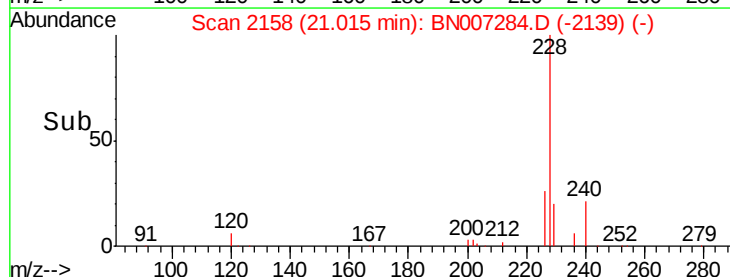
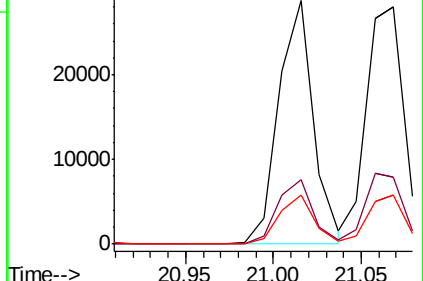
229 19.9 16.9 25.3



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: 0.420 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

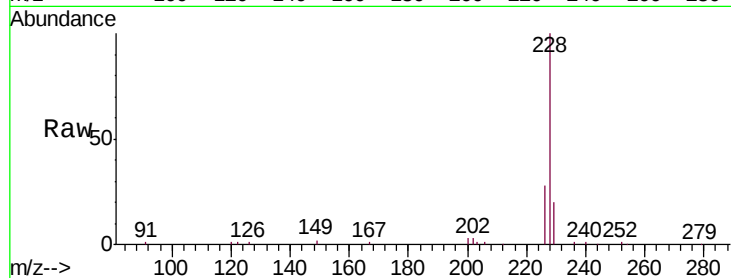
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 42296

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.6	36.8
229	20.4	15.6	23.4

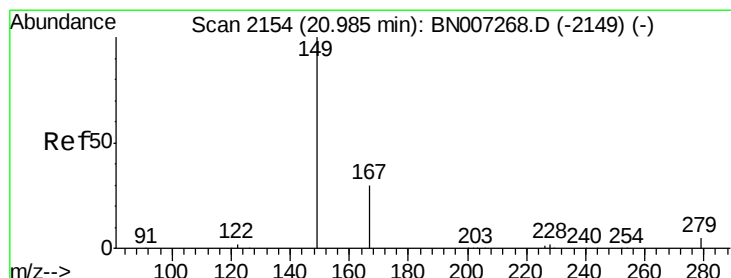
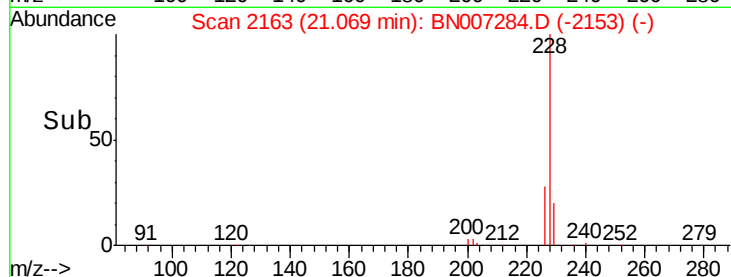
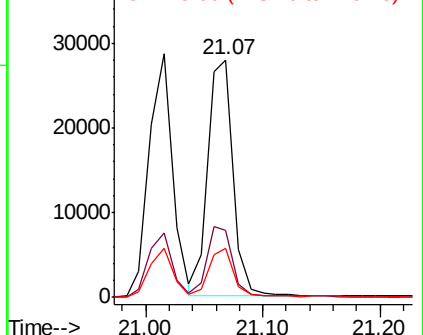


Abundance

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: 0.350 ng

RT: 20.98 min Scan# 2155

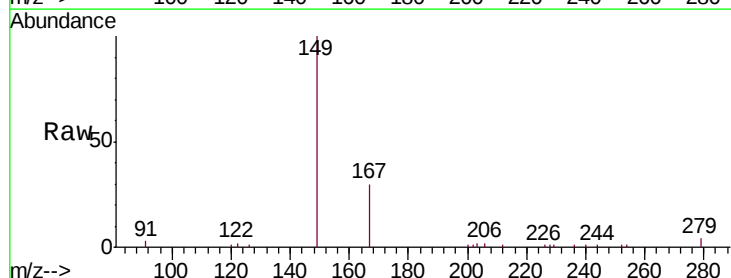
Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Tgt Ion:149 Resp: 13799

Ion	Ratio	Lower	Upper
149	100		
167	30.6	23.8	35.6
279	4.6	3.8	5.8

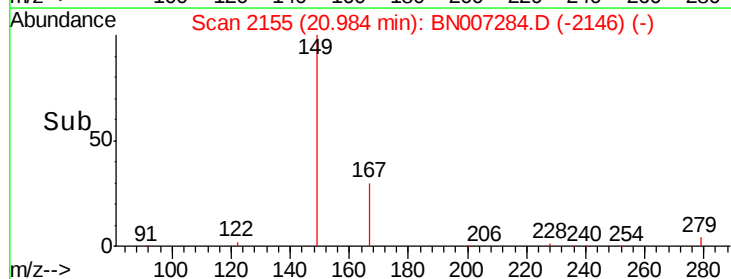
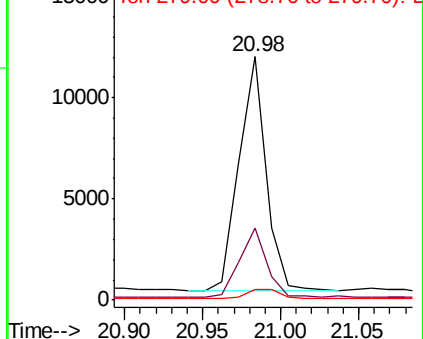


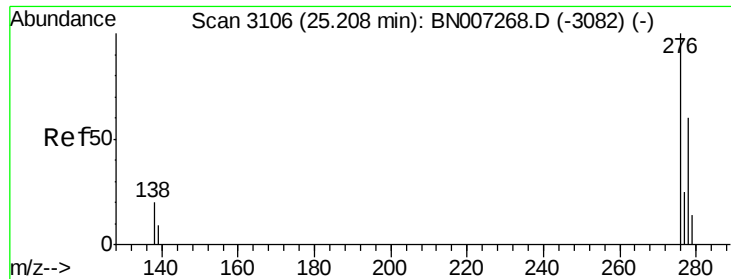
Abundance

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

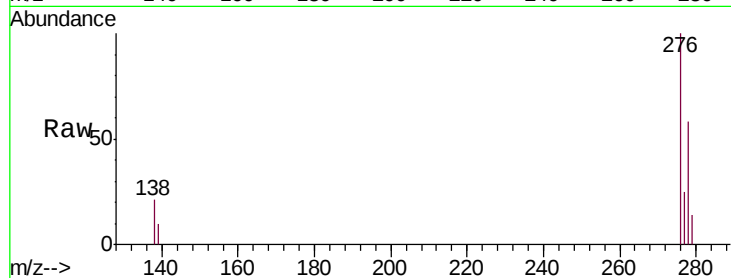




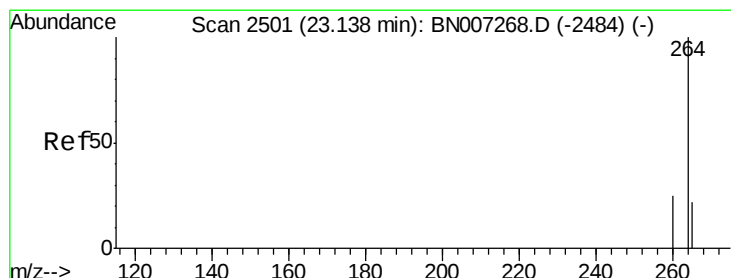
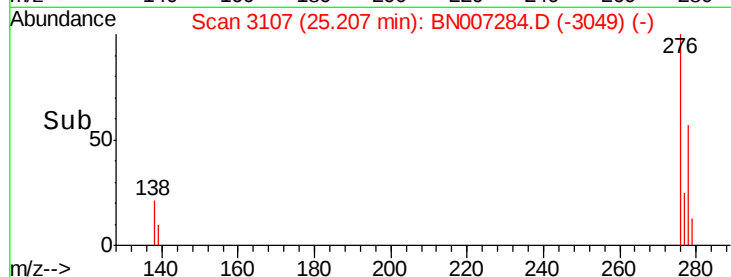
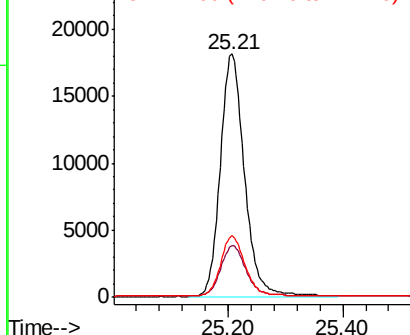
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BN007284.D
Acq: 21 Aug 2019 09:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 52705
Ion Ratio Lower Upper
276 100
138 21.5 17.1 25.7
277 24.9 20.1 30.1

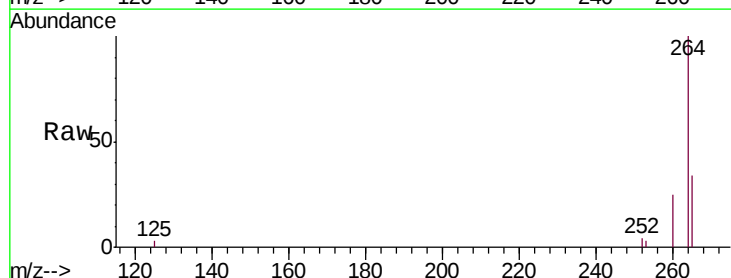


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

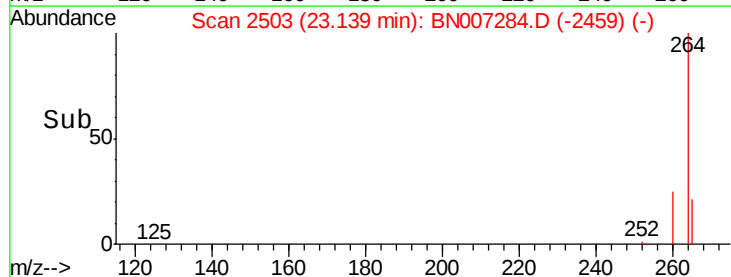
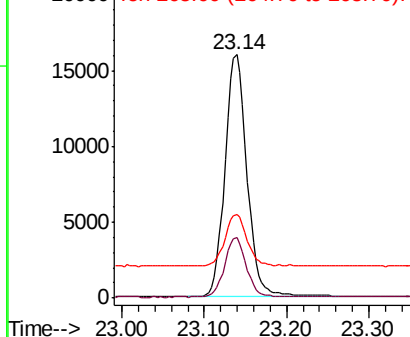


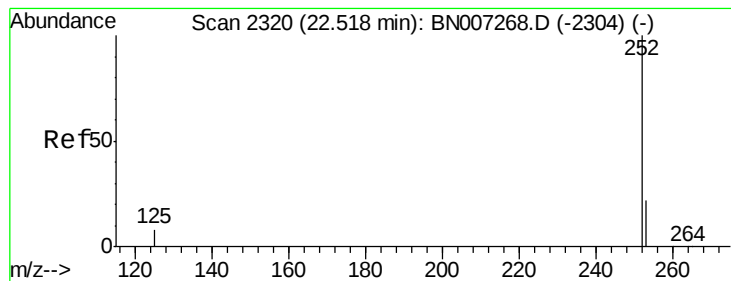
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BN007284.D
Acq: 21 Aug 2019 09:03

Tgt Ion:264 Resp: 29770
Ion Ratio Lower Upper
264 100
260 24.8 20.1 30.1
265 34.3 29.0 43.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.379 ng

RT: 22.52 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :

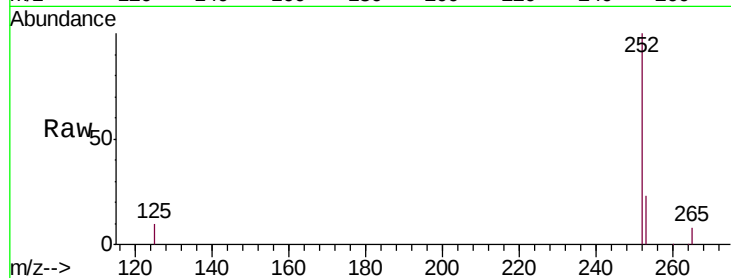
Tot Ion:252 Resp: 42039

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

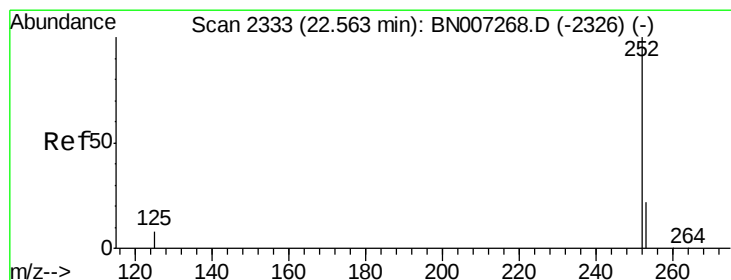
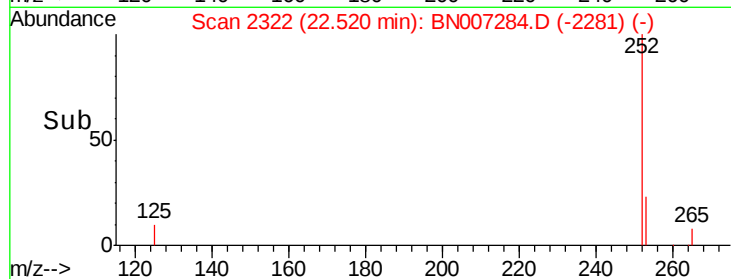
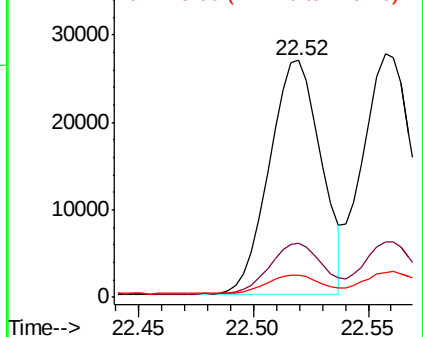
125 9.6 7.8 11.6



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: 0.406 ng

RT: 22.56 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

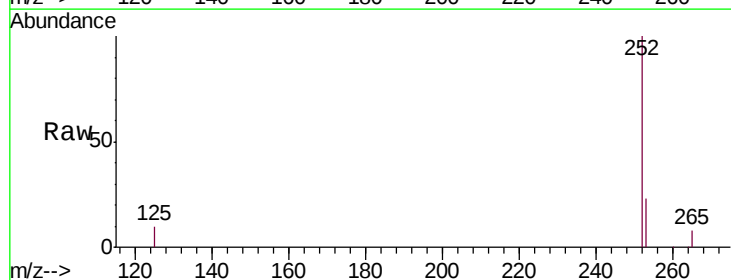
Tgt Ion:252 Resp: 44100

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

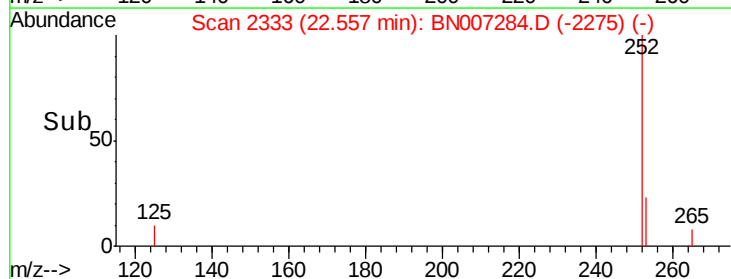
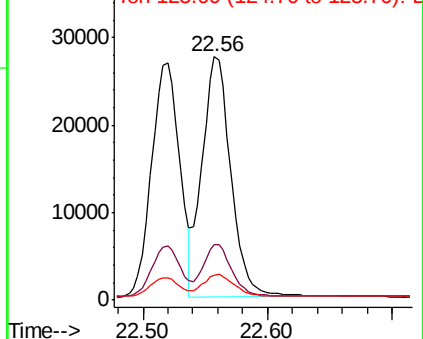
125 10.1 8.0 12.0

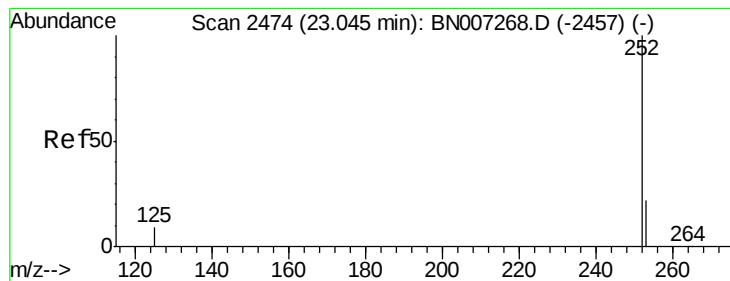


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :

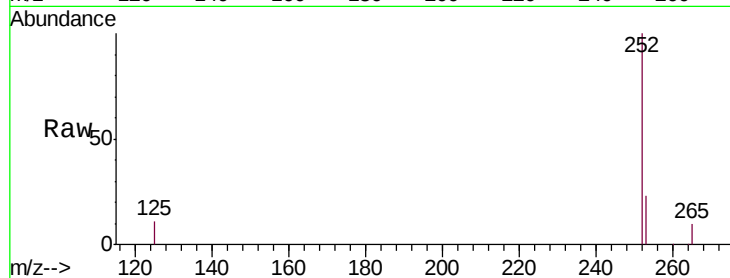
Tot Ion:252 Resp: 39443

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

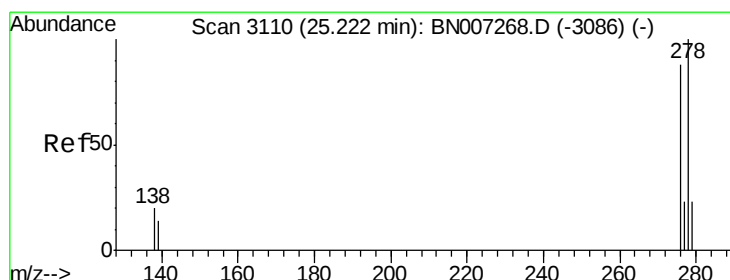
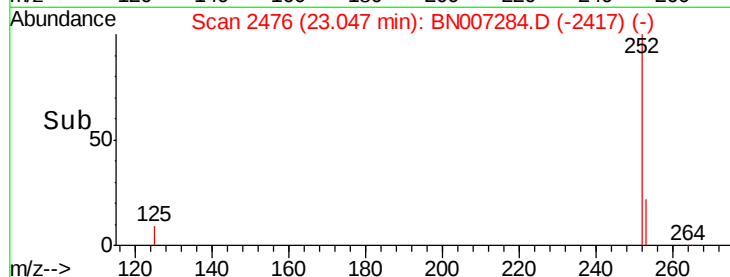
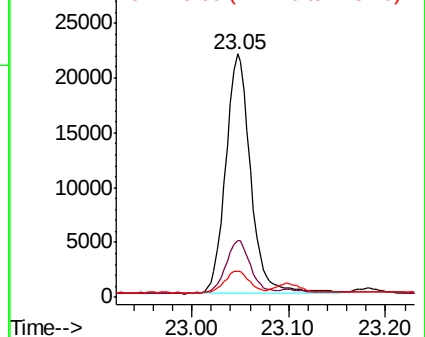
125 10.9 8.7 13.1



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: 0.402 ng

RT: 25.22 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

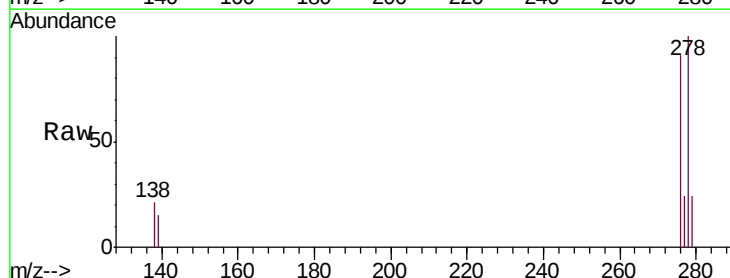
Tgt Ion:278 Resp: 42273

Ion Ratio Lower Upper

278 100

139 15.0 11.8 17.8

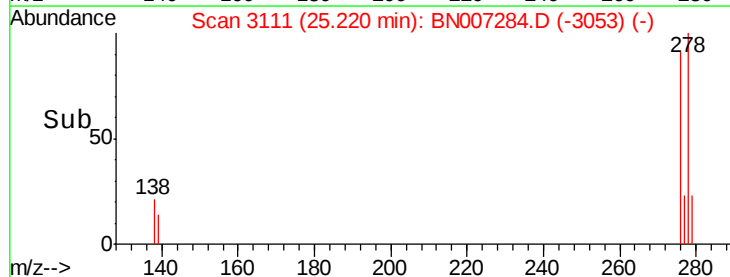
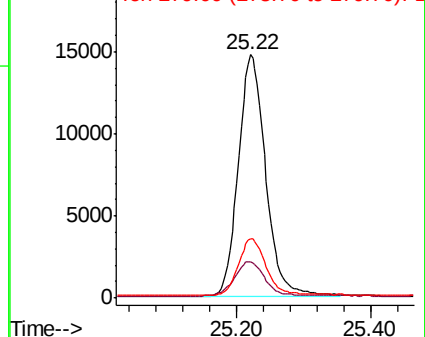
279 24.2 19.8 29.6

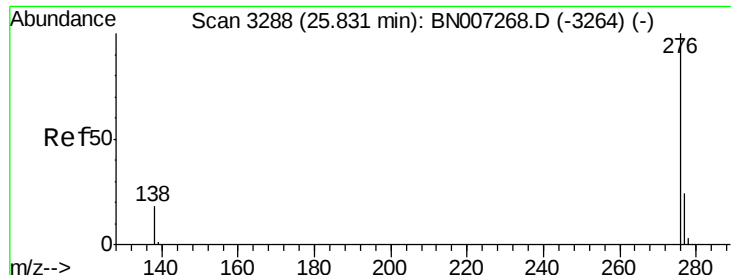


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.396 ng

RT: 25.83 min Scan# 3288

Delta R.T. -0.01 min

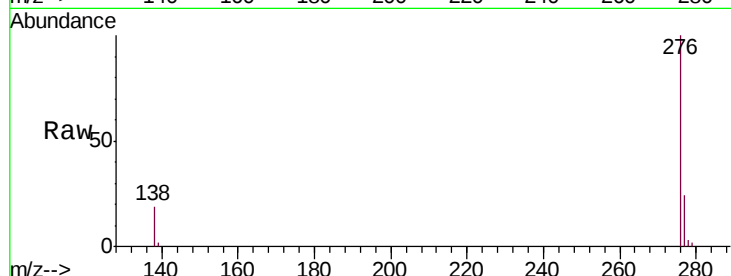
Lab File: BN007284.D

Acq: 21 Aug 2019 09:03

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 42052

Ion Ratio Lower Upper

276 100

277 24.2 19.5 29.3

138 19.0 15.3 22.9

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

