

Data File : BN007271.D
Acq On : 20 Aug 2019 19:03
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN082019

Quant Time: Aug 20 19:38:18 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	4847	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	17505	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	9814	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	23161	0.40	ng	0.00
27) Chrysene-d12	21.03	240	23014	0.40	ng	0.00
34) Perylene-d12	23.14	264	24768	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	5407	0.37	ng	0.00
5) Phenol-d6	6.60	99	6322	0.37	ng	0.00
8) Nitrobenzene-d5	8.54	82	5362	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	12360	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2030	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	17470	0.42	ng	0.00
25) Fluoranthene-d10	18.85	212	29301	0.40	ng	0.00
29) Terphenyl-d14	19.48	244	23821	0.41	ng	0.00

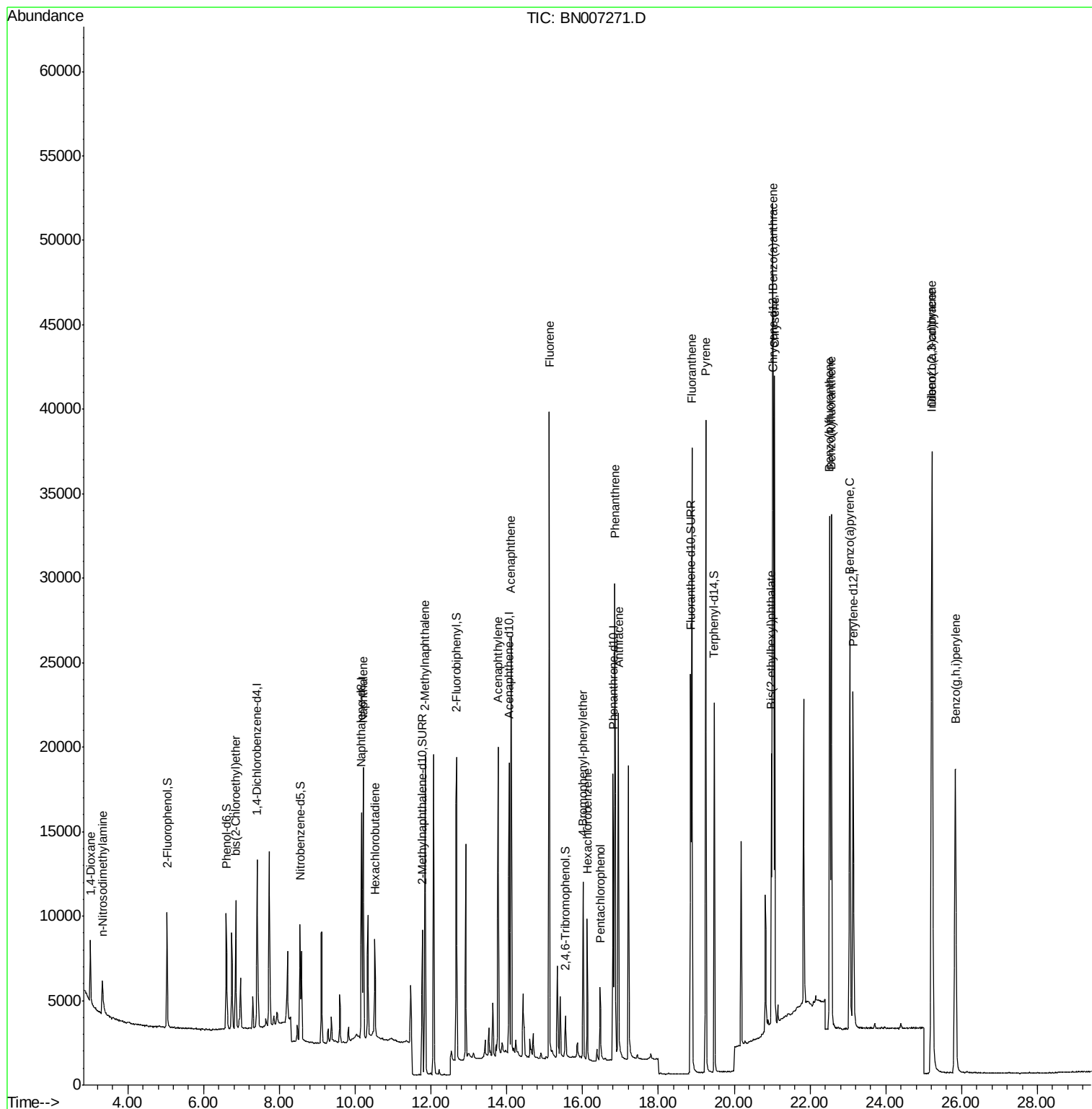
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	2793	0.406	ng	99
3) n-Nitrosodimethylamine	3.33	42	1773	0.385	ng	# 98
6) bis(2-Chloroethyl)ether	6.85	93	5865	0.410	ng	99
9) Naphthalene	10.22	128	20195	0.407	ng	99
10) Hexachlorobutadiene	10.52	225	4553	0.416	ng	# 100
12) 2-Methylnaphthalene	11.84	142	14023	0.408	ng	99
16) Acenaphthylene	13.77	152	20517	0.394	ng	100
17) Acenaphthene	14.11	154	13519	0.408	ng	98
18) Fluorene	15.12	166	17867	0.412	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	5742	0.433	ng	# 82
21) Hexachlorobenzene	16.12	284	6320	0.412	ng	100
22) Pentachlorophenol	16.46	266	2336	0.379	ng	95
23) Phenanthrene	16.85	178	29411	0.405	ng	100
24) Anthracene	16.94	178	25925	0.397	ng	99
26) Fluoranthene	18.88	202	35252	0.401	ng	100
28) Pyrene	19.25	202	35617	0.414	ng	100
30) Benzo(a)anthracene	21.02	228	34838	0.407	ng	98
31) Chrysene	21.07	228	37155	0.425	ng	97
32) Bis(2-ethylhexyl)phthalate	20.98	149	13952	0.408	ng	# 94
33) Indeno(1,2,3-cd)pyrene	25.21	276	44021	0.419	ng	100
35) Benzo(b)fluoranthene	22.52	252	37447	0.406	ng	100
36) Benzo(k)fluoranthene	22.56	252	36669	0.405	ng	100
37) Benzo(a)pyrene	23.05	252	33136	0.398	ng	100
38) Dibenzo(a,h)anthracene	25.22	278	35757	0.409	ng	100
39) Benzo(g,h,i)perylene	25.83	276	36192	0.410	ng	100

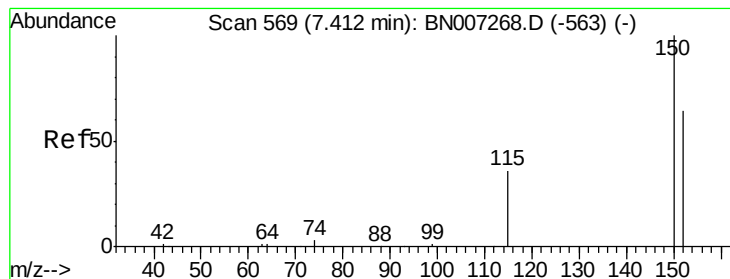
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

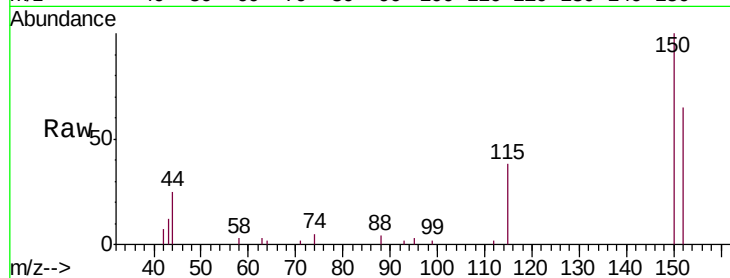
Tgt Ion:152 Resp: 4847

Ion Ratio Lower Upper

152 100

150 152.8 123.8 185.8

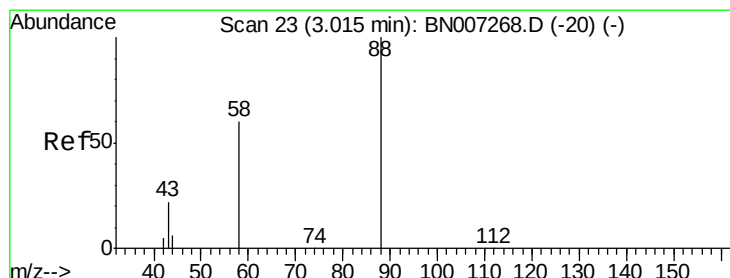
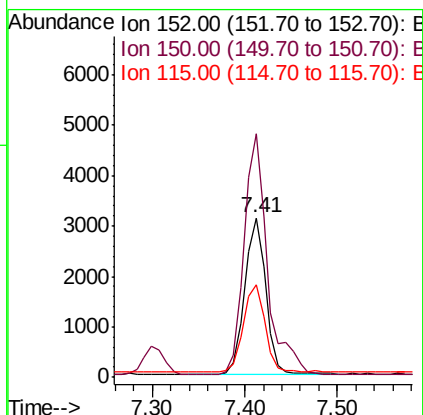
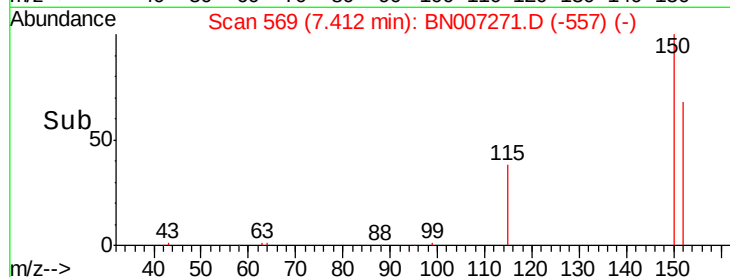
115 58.5 47.3 70.9



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: 0.406 ng

RT: 3.01 min Scan# 23

Delta R.T. -0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

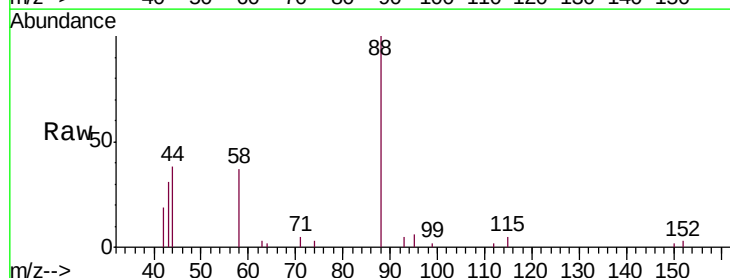
Tgt Ion: 88 Resp: 2793

Ion Ratio Lower Upper

88 100

58 57.3 45.5 68.3

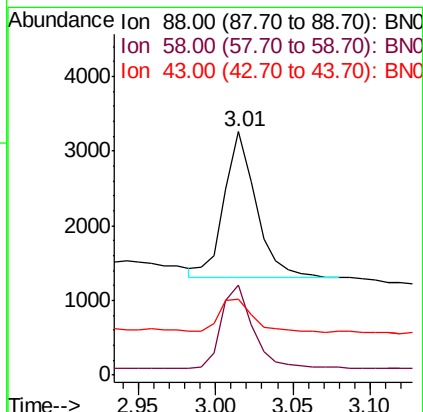
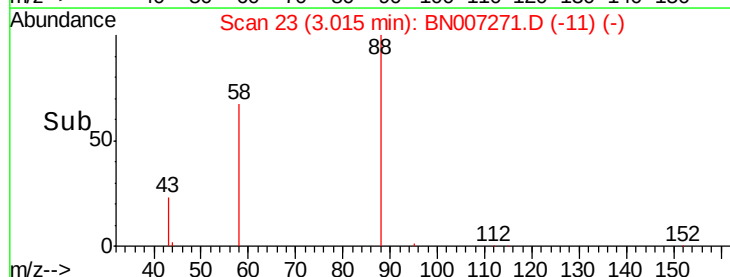
43 25.1 20.4 30.6

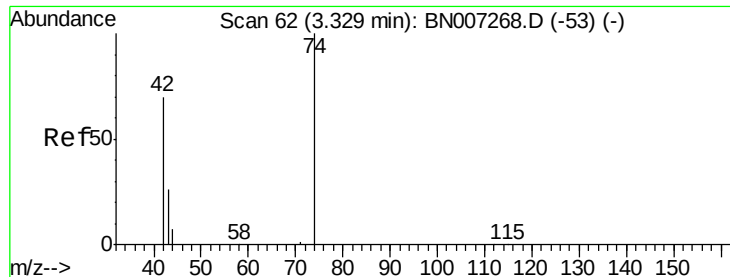


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.385 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

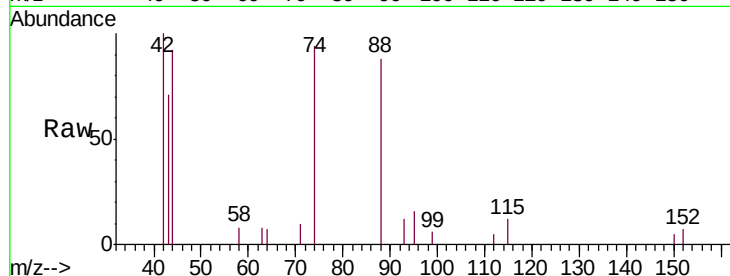
Tgt Ion: 42 Resp: 1773

Ion Ratio Lower Upper

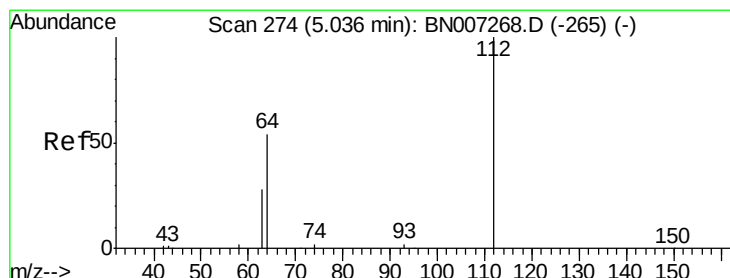
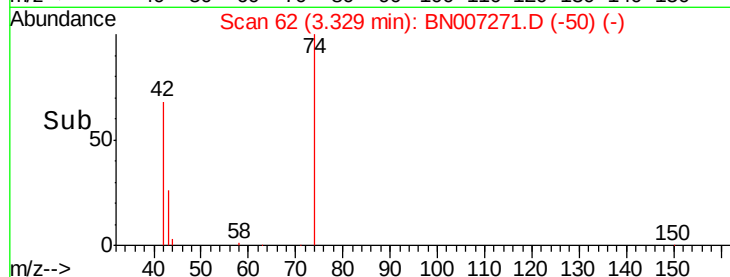
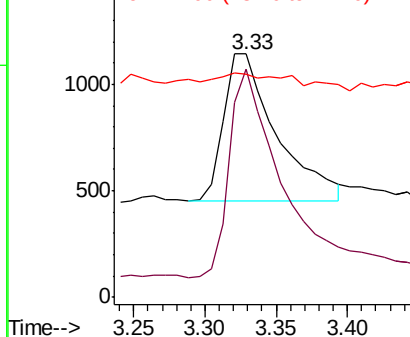
42 100

74 137.5 109.0 163.4

44 9.7 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: 0.366 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

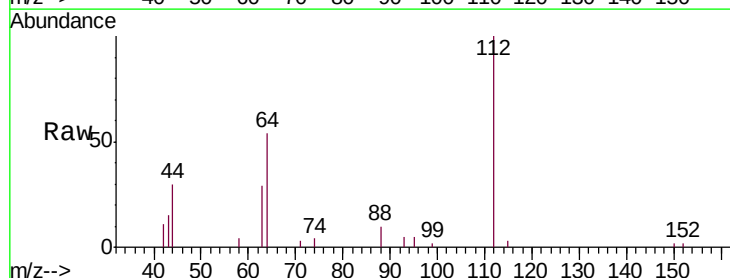
Tgt Ion: 112 Resp: 5407

Ion Ratio Lower Upper

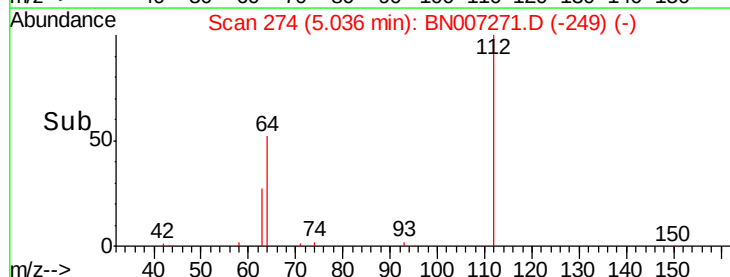
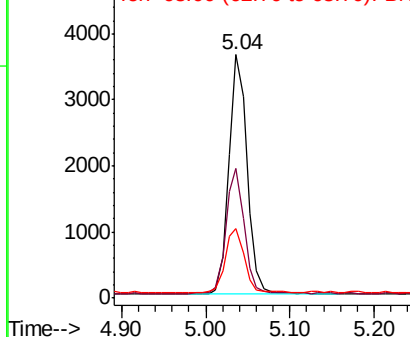
112 100

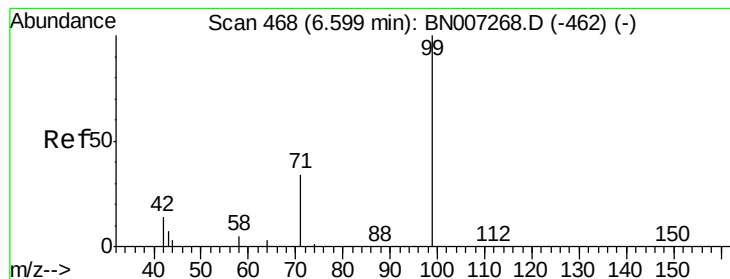
64 51.9 41.8 62.8

63 27.6 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: 0.371 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

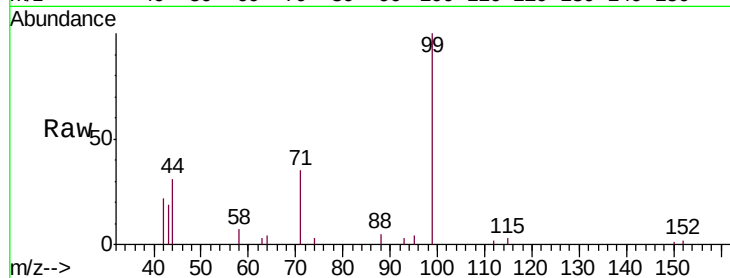
Tgt Ion: 99 Resp: 6322

Ion Ratio Lower Upper

99 100

42 18.2 14.3 21.5

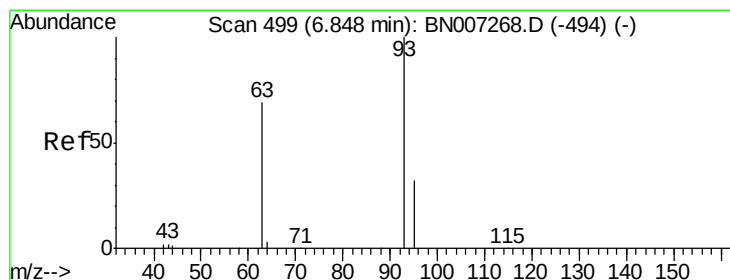
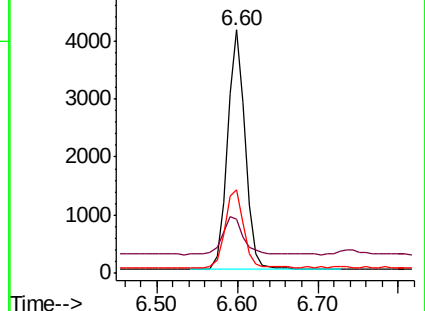
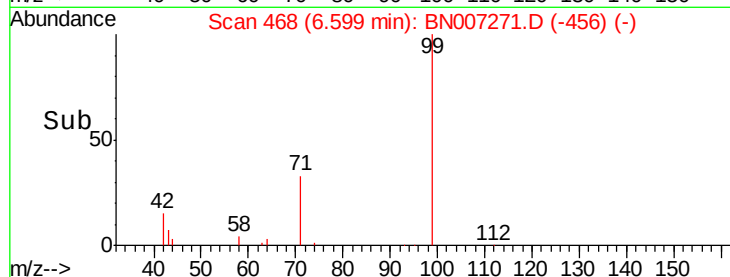
71 34.2 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN007271.D (-456) (-)

Ion 42.00 (41.70 to 42.70): BN007271.D (-456) (-)

Ion 71.00 (70.70 to 71.70): BN007271.D (-456) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.410 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

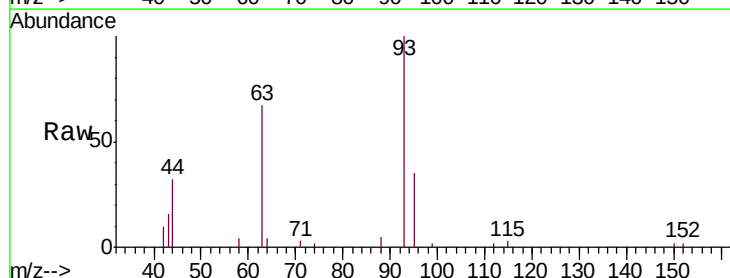
Tgt Ion: 93 Resp: 5865

Ion Ratio Lower Upper

93 100

63 68.7 54.4 81.6

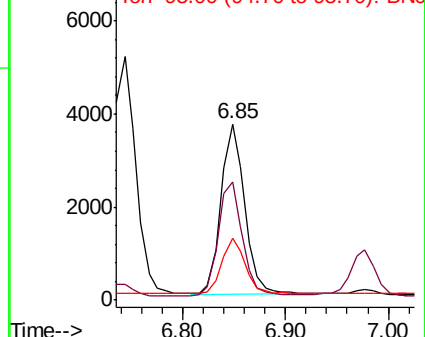
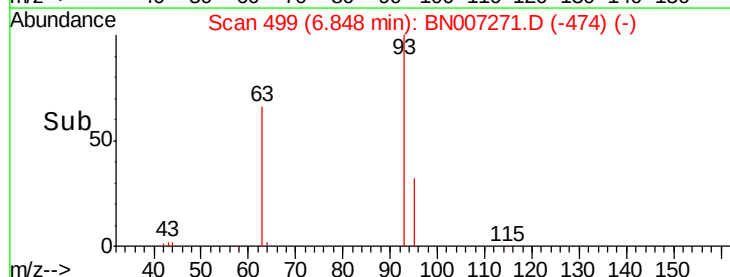
95 32.4 25.5 38.3

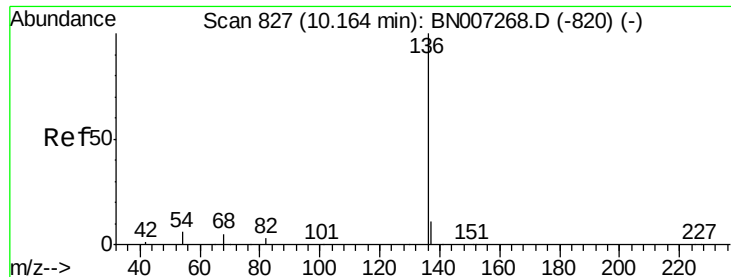


Abundance Ion 93.00 (92.70 to 93.70): BN007271.D (-474) (-)

Ion 63.00 (62.70 to 63.70): BN007271.D (-474) (-)

Ion 95.00 (94.70 to 95.70): BN007271.D (-474) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

Tgt Ion:136 Resp: 17505

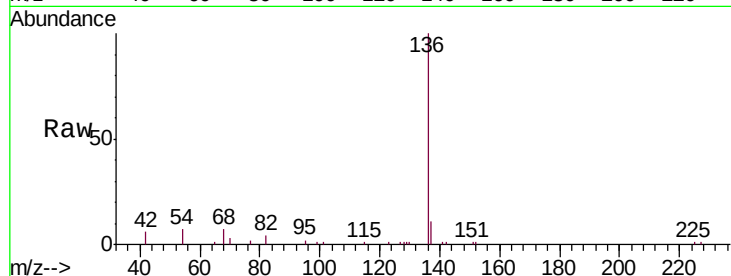
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.2 5.9 8.9

68 6.8 5.6 8.4

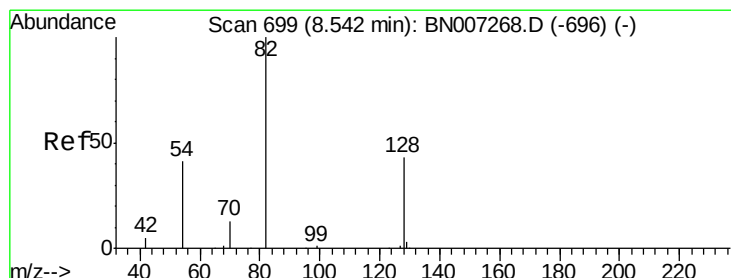
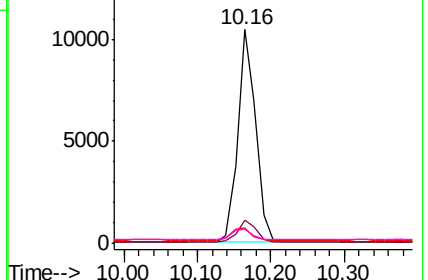
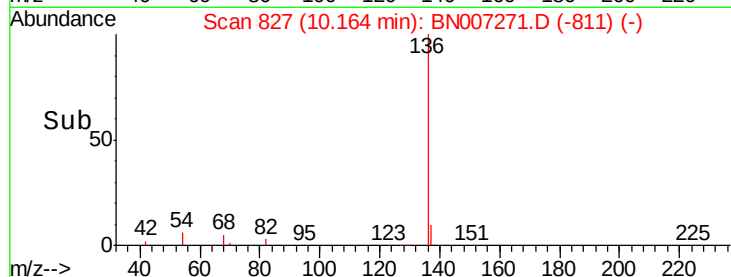


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.399 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

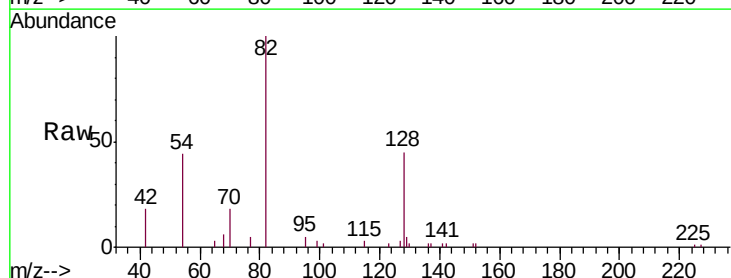
Tgt Ion: 82 Resp: 5362

Ion Ratio Lower Upper

82 100

128 45.4 35.8 53.6

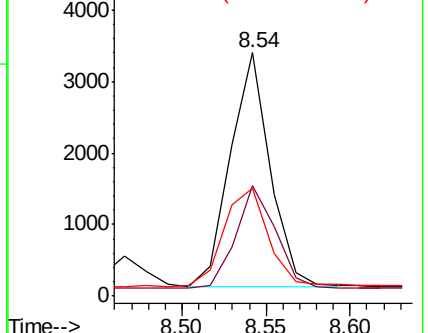
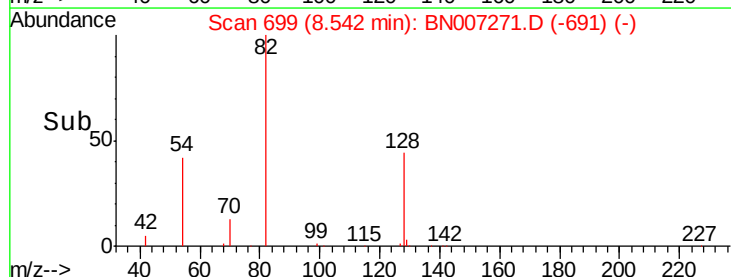
54 44.2 34.7 52.1

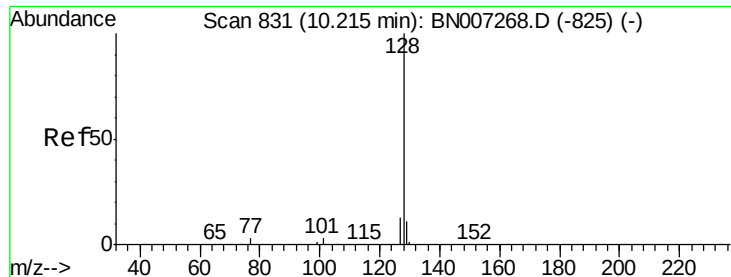


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.407 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

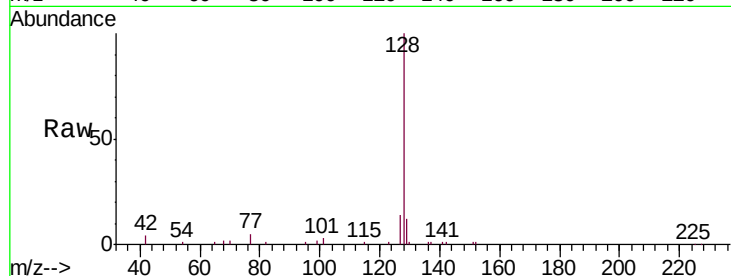
Tgt Ion:128 Resp: 20195

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

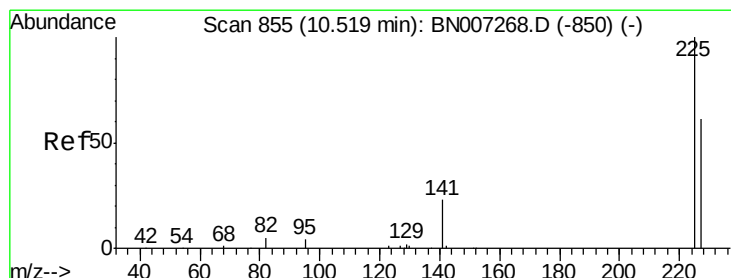
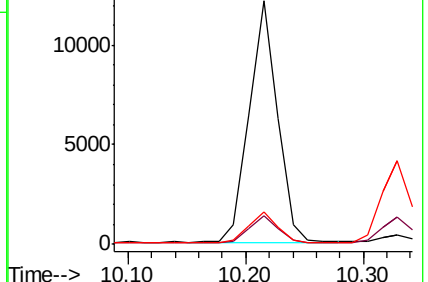
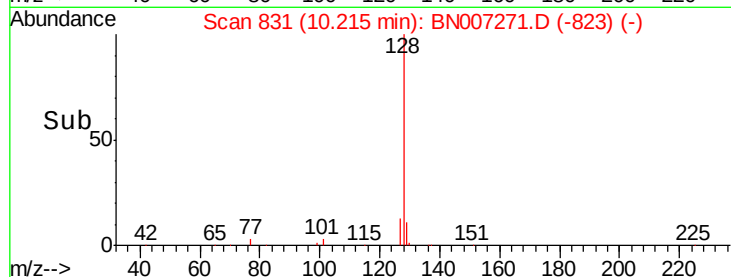
127 13.5 10.6 16.0



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: 0.416 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

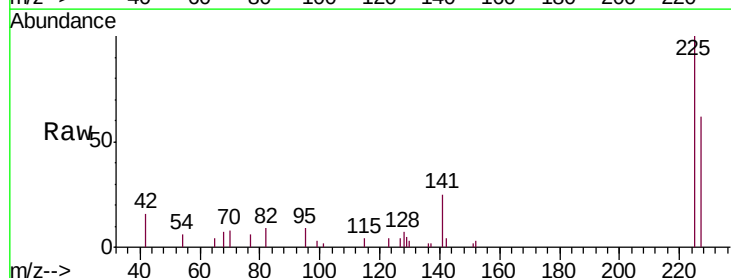
Tgt Ion:225 Resp: 4553

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

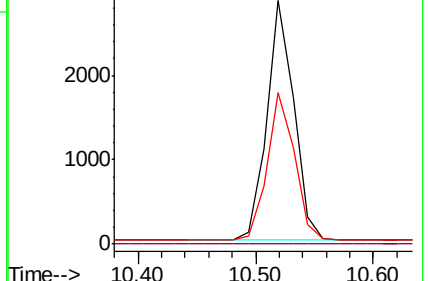
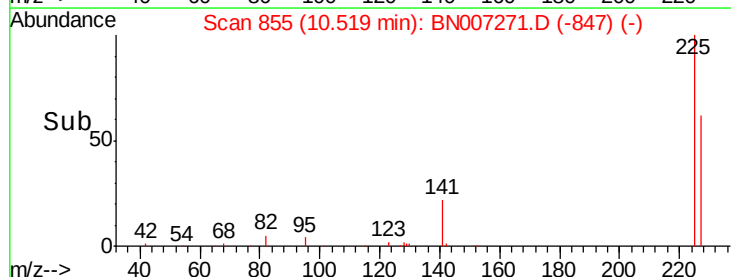
227 62.7 50.2 75.2

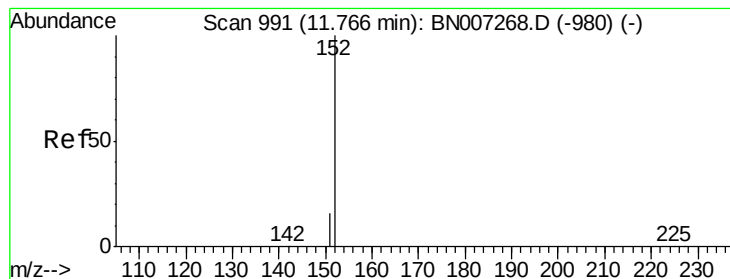


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.409 ng

RT: 11.77 min Scan# 992

Delta R.T. 0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

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ClientSampleId :

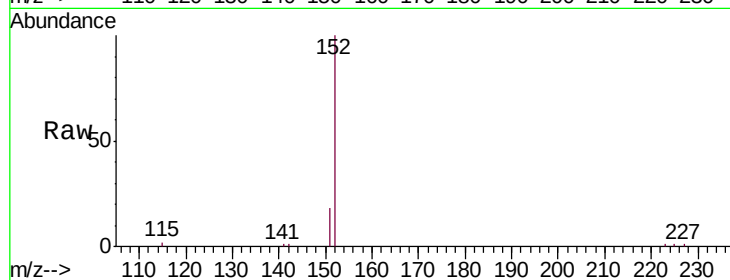
ICVBN082019

Tgt Ion:152 Resp: 12360

Ion Ratio Lower Upper

152 100

151 19.1 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

8000

6000

4000

2000

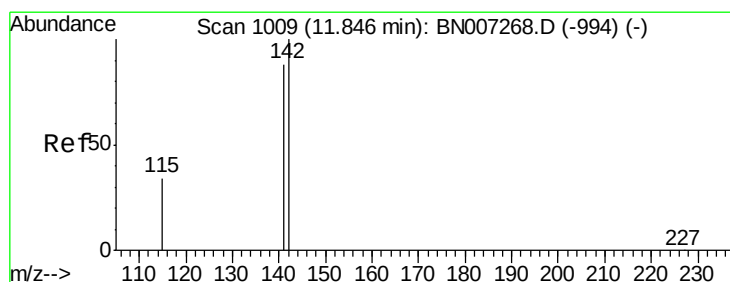
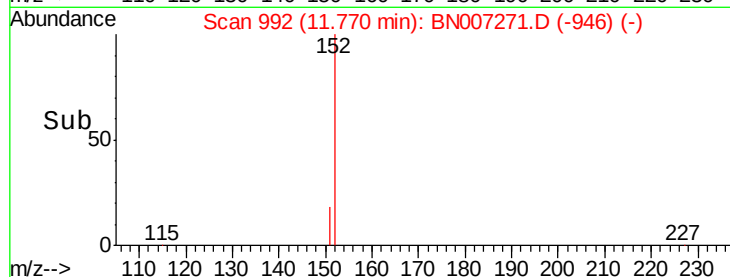
0

11.77

11.80

11.90

Time-->



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

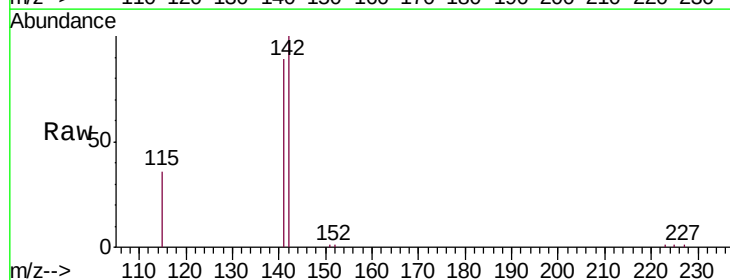
Tgt Ion:142 Resp: 14023

Ion Ratio Lower Upper

142 100

141 88.6 70.7 106.1

115 35.9 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

10000

8000

6000

4000

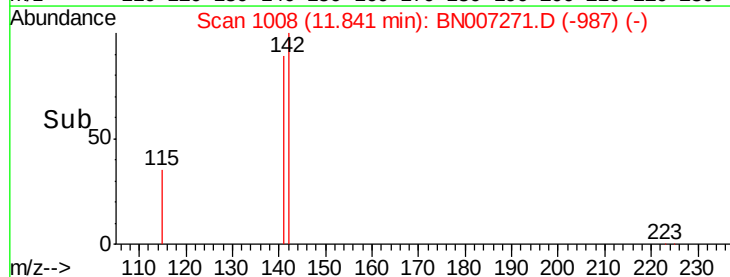
2000

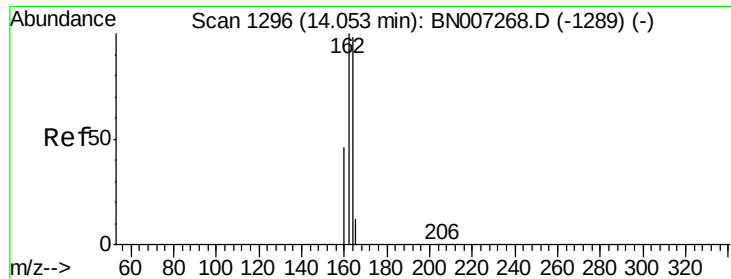
0

11.84

11.90

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

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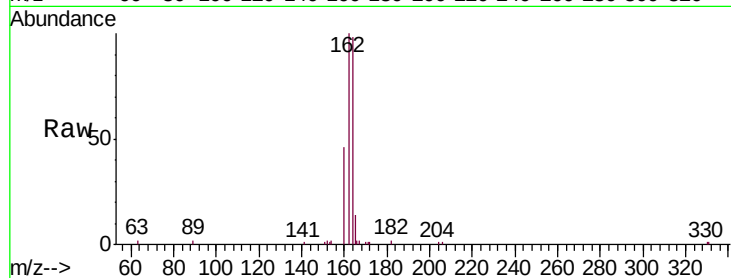
Tgt Ion:164 Resp: 9814

Ion Ratio Lower Upper

164 100

162 102.5 82.0 123.0

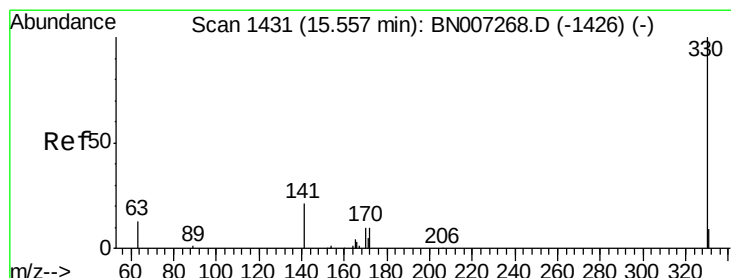
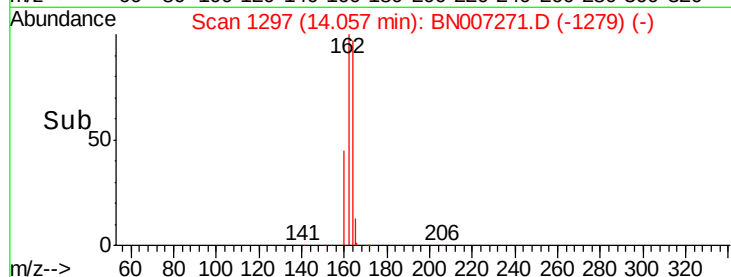
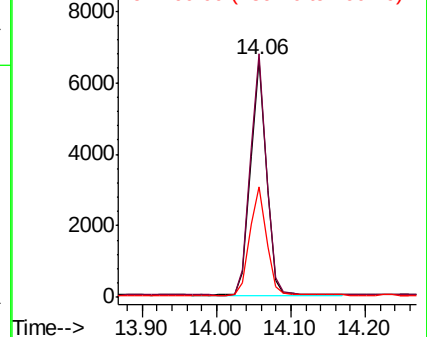
160 46.8 38.2 57.4



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: 0.368 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

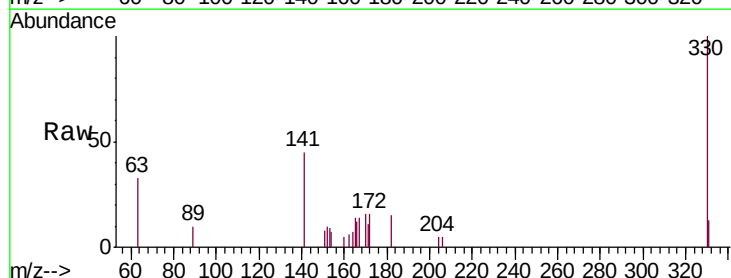
Tgt Ion:330 Resp: 2030

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

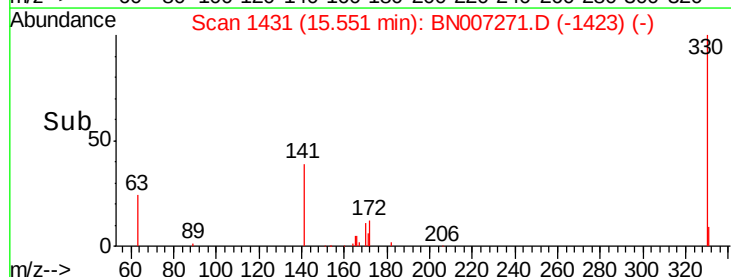
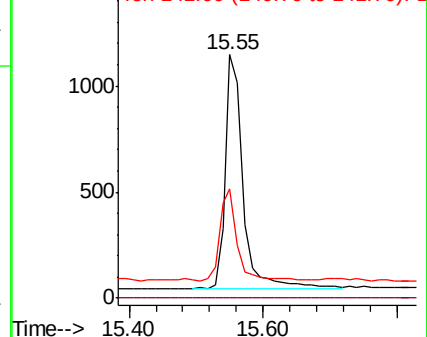
141 38.7 30.3 45.5

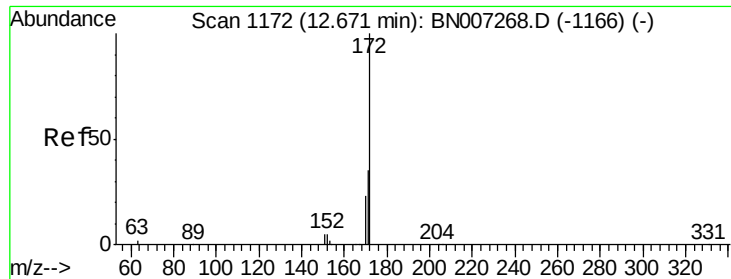


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

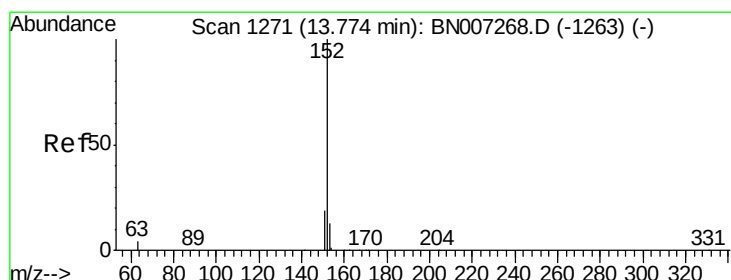
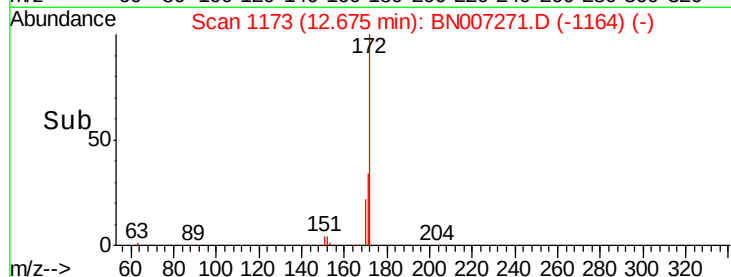
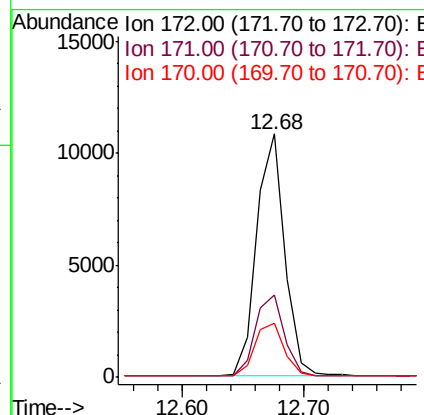
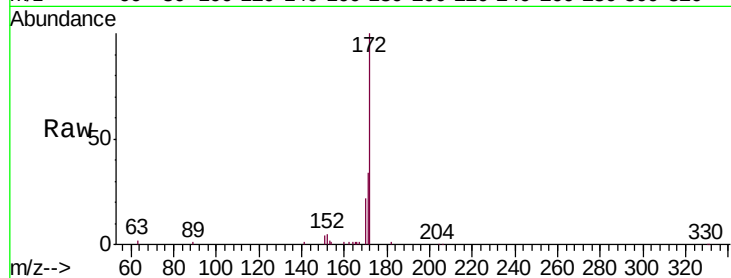




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007271.D
Acq: 20 Aug 2019 19:03

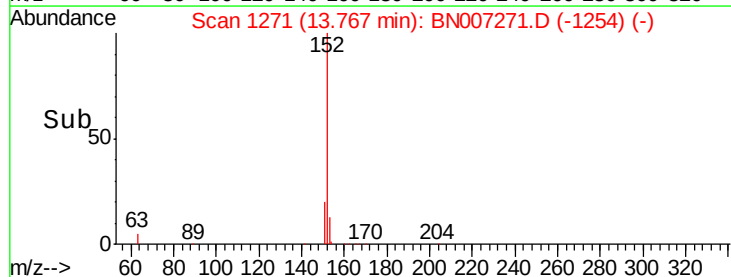
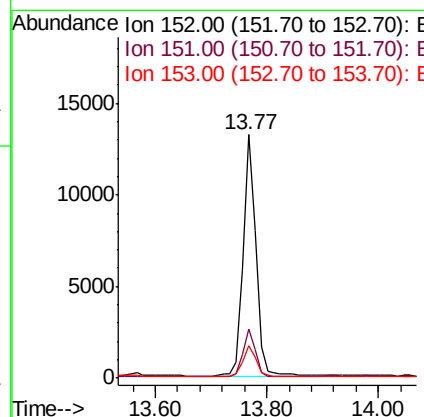
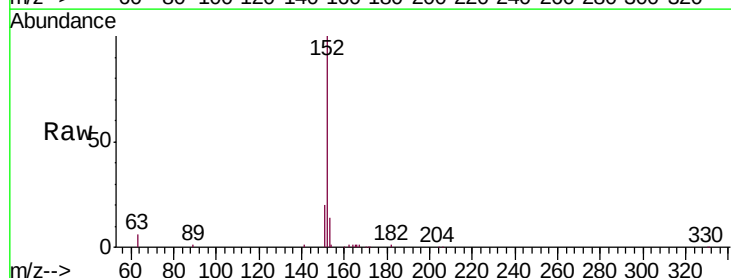
Instrument :
BNA_N
ClientSampleId :
ICVBN082019

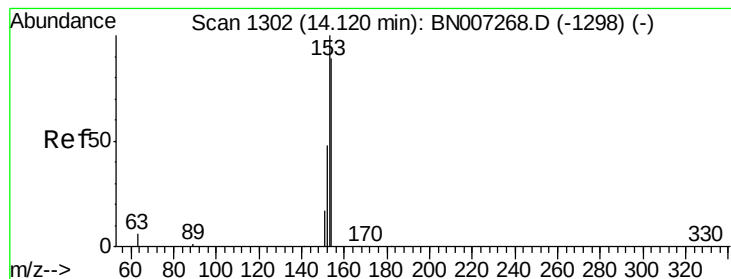
Tgt Ion:172 Resp: 17470
Ion Ratio Lower Upper
172 100
171 34.0 28.6 43.0
170 22.2 18.7 28.1



#16
Acenaphthylene
Concen: 0.394 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007271.D
Acq: 20 Aug 2019 19:03

Tgt Ion:152 Resp: 20517
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.2
153 12.8 10.1 15.1





#17

Acenaphthene

Concen: 0.408 ng

RT: 14.11 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

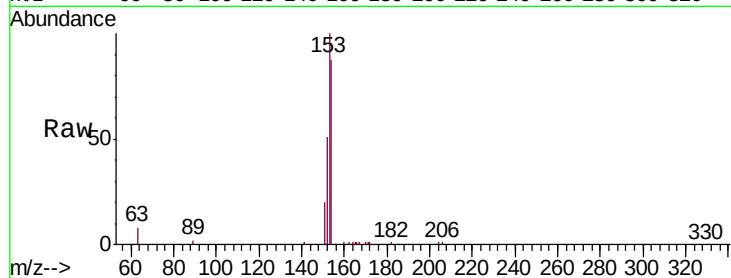
Tgt Ion:154 Resp: 13519

Ion Ratio Lower Upper

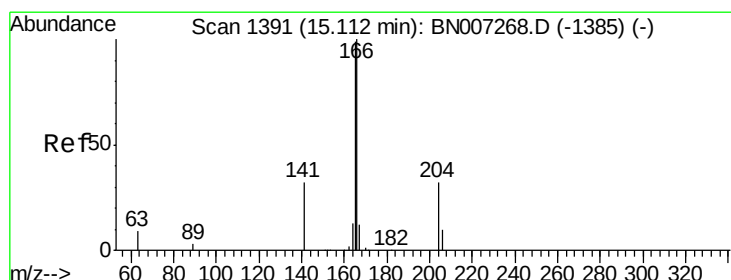
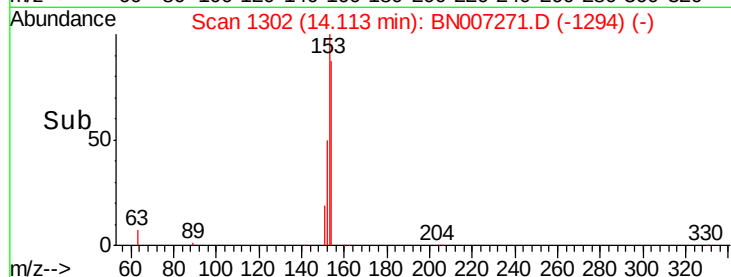
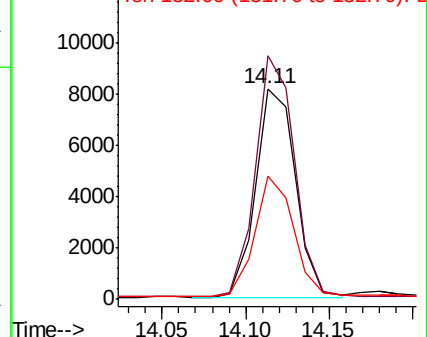
154 100

153 114.0 89.9 134.9

152 56.1 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: 0.412 ng

RT: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

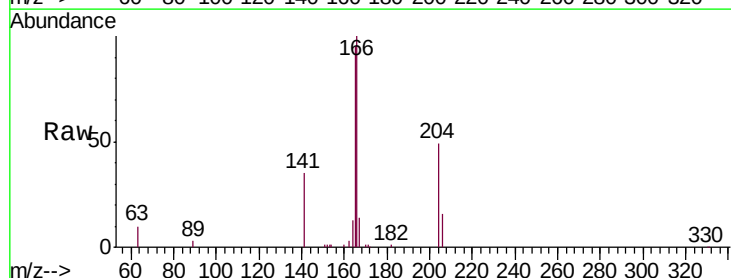
Tgt Ion:166 Resp: 17867

Ion Ratio Lower Upper

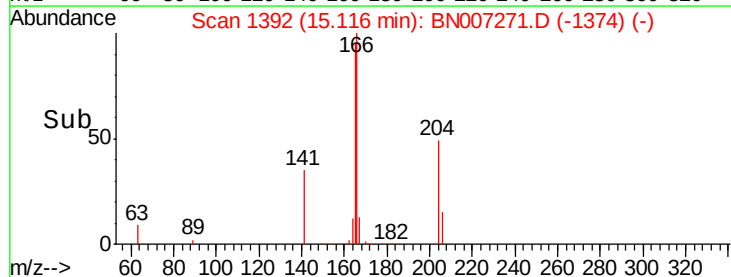
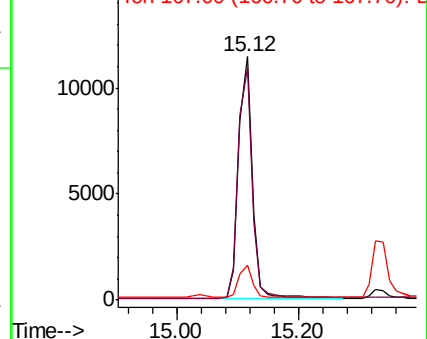
166 100

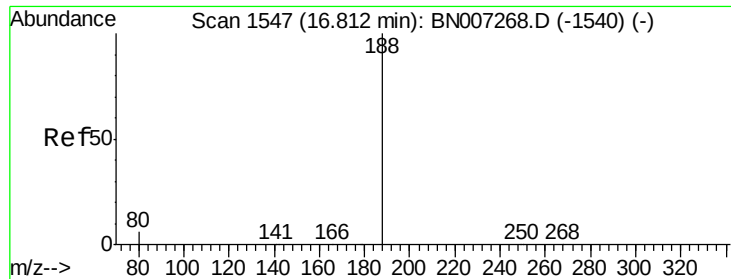
165 97.6 78.3 117.5

167 13.6 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: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

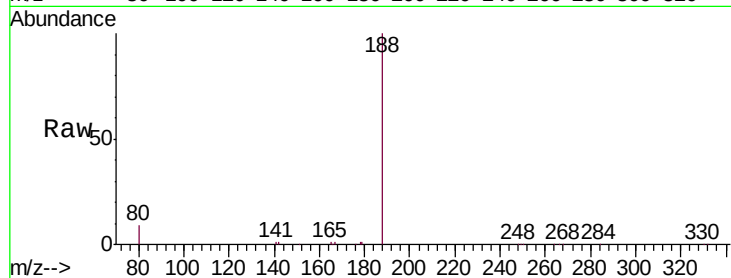
Tgt Ion:188 Resp: 23161

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

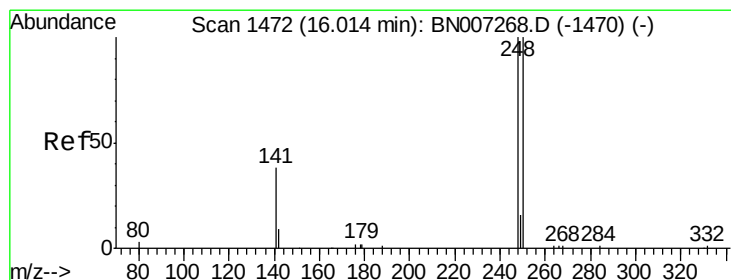
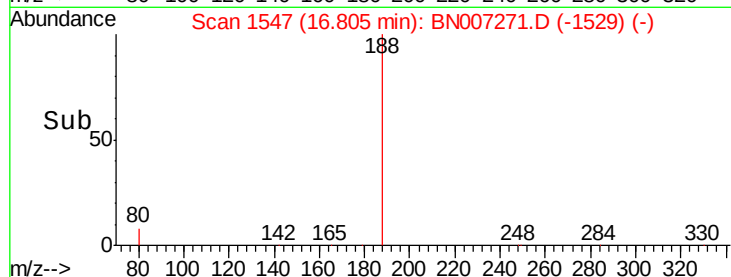
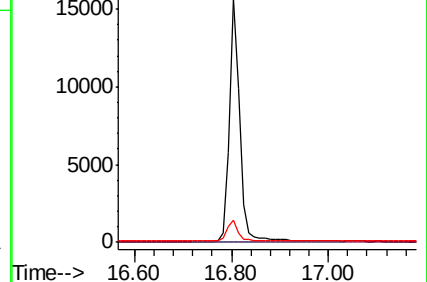
80 9.0 5.2 7.8#



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: 0.433 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

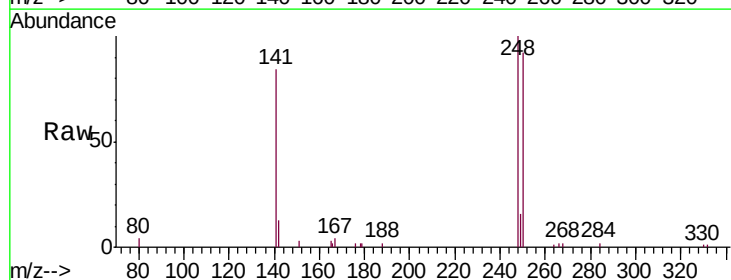
Tgt Ion:248 Resp: 5742

Ion Ratio Lower Upper

248 100

250 92.0 79.6 119.4

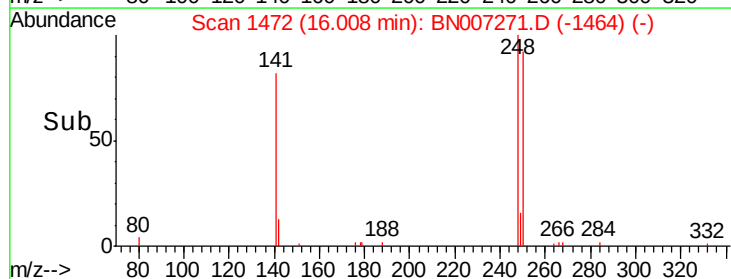
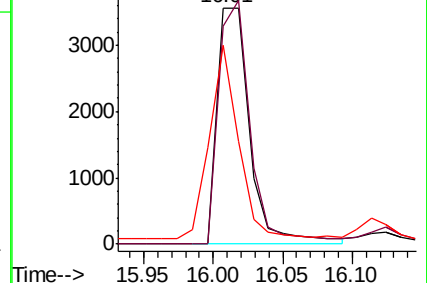
141 84.0 45.1 67.7#

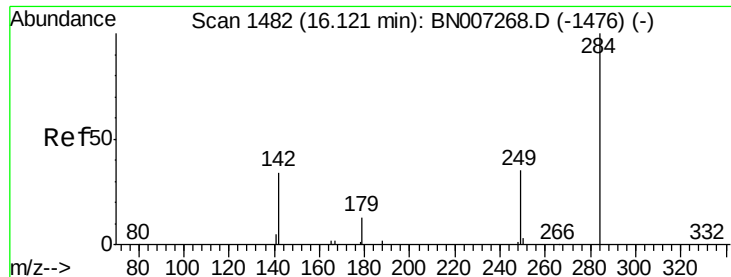


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.412 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

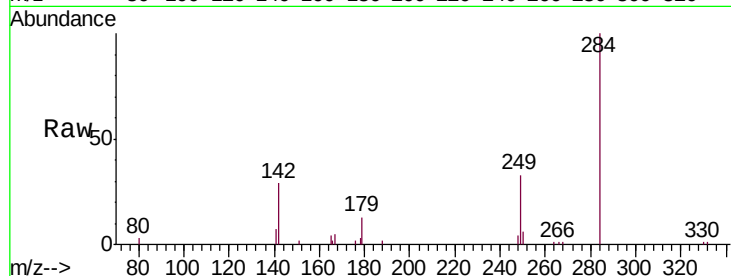
Tgt Ion:284 Resp: 6320

Ion Ratio Lower Upper

284 100

142 37.2 29.5 44.3

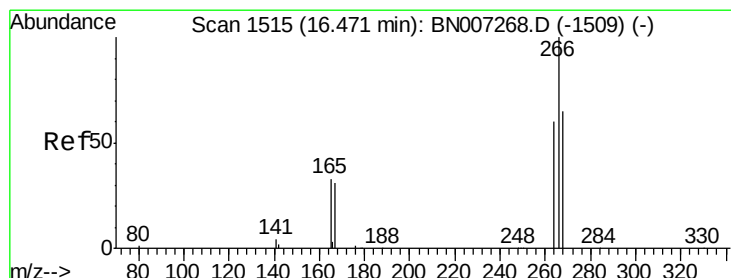
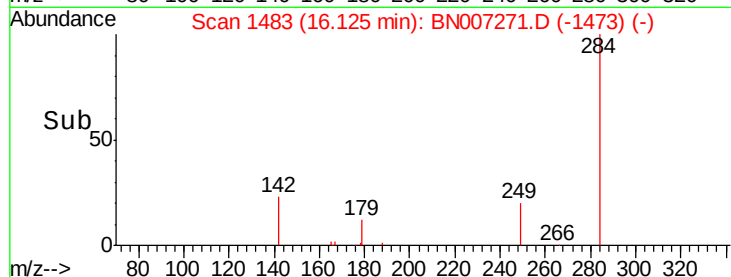
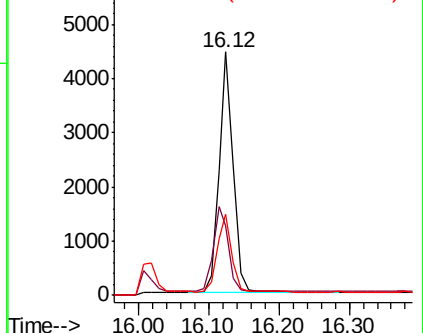
249 32.8 26.2 39.4



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: 0.379 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

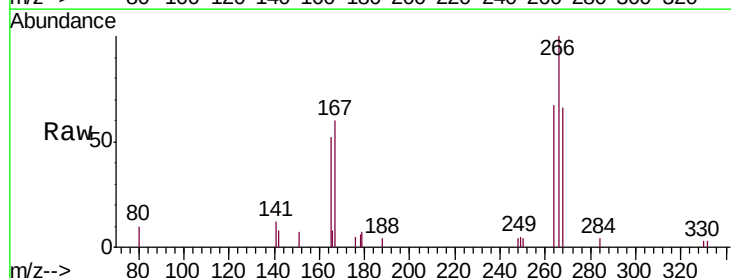
Tgt Ion:266 Resp: 2336

Ion Ratio Lower Upper

266 100

264 66.9 48.7 73.1

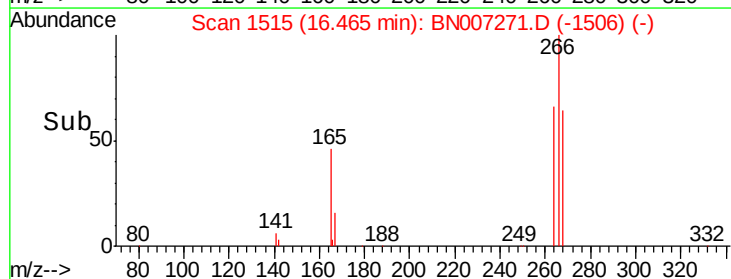
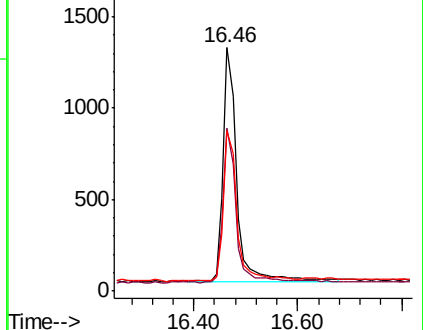
268 65.7 53.5 80.3

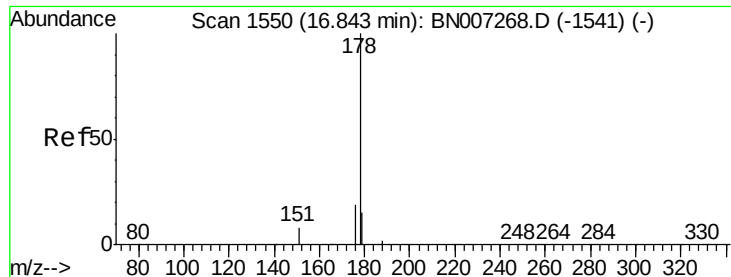


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.405 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

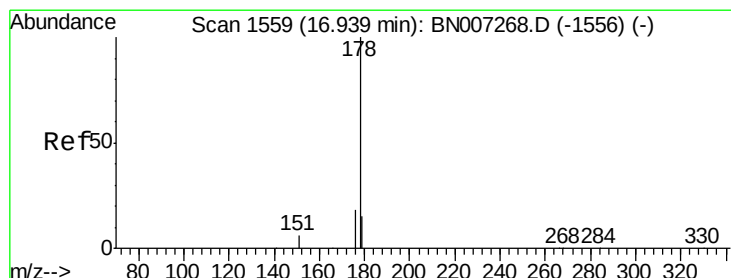
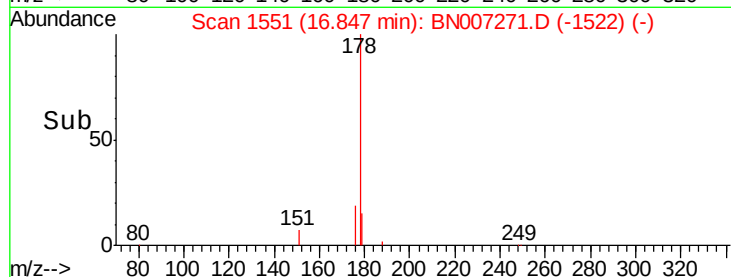
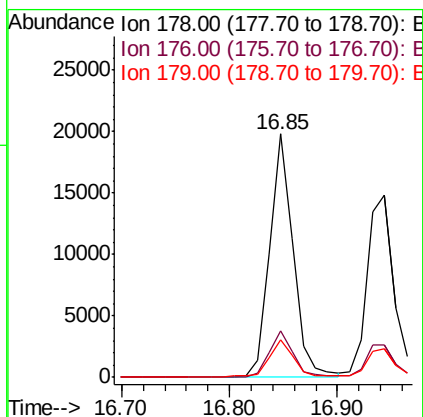
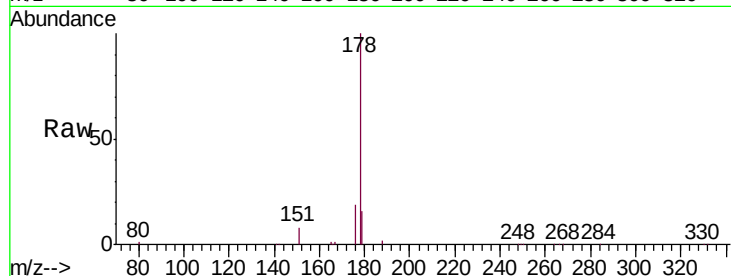
Tgt Ion:178 Resp: 29411

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.3 12.3 18.5



#24

Anthracene

Concen: 0.397 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

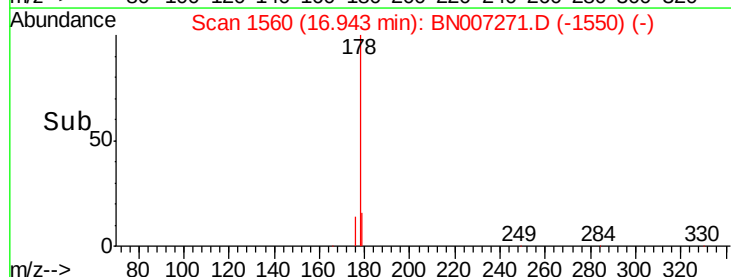
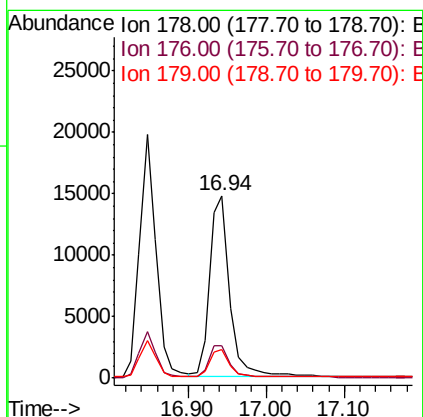
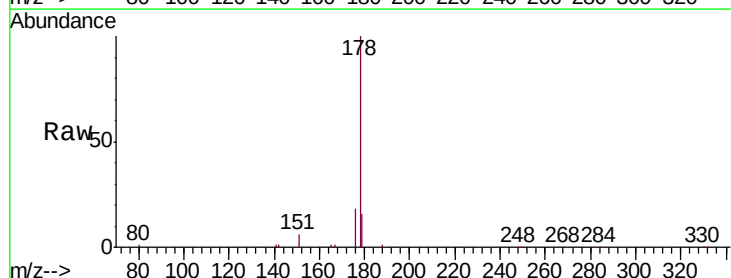
Tgt Ion:178 Resp: 25925

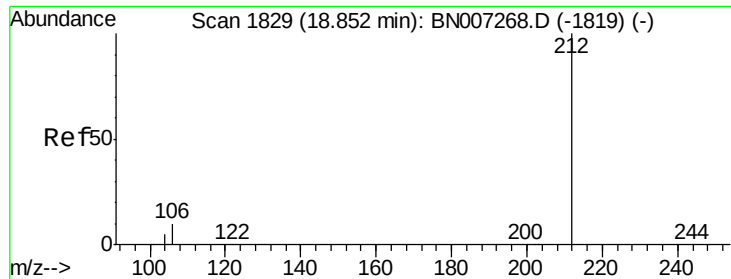
Ion Ratio Lower Upper

178 100

176 18.2 14.3 21.5

179 15.6 12.3 18.5





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 18.85 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

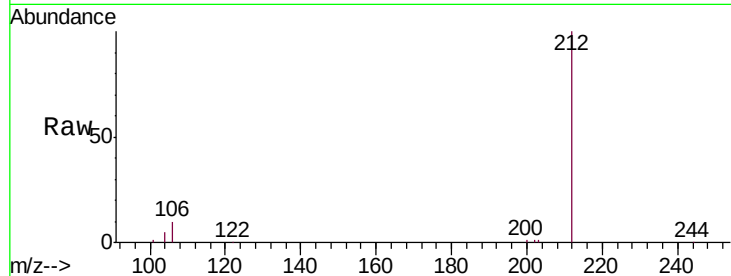
Tgt Ion:212 Resp: 29301

Ion Ratio Lower Upper

212 100

106 10.5 8.2 12.4

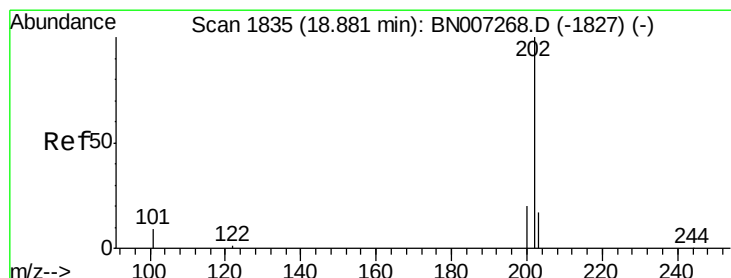
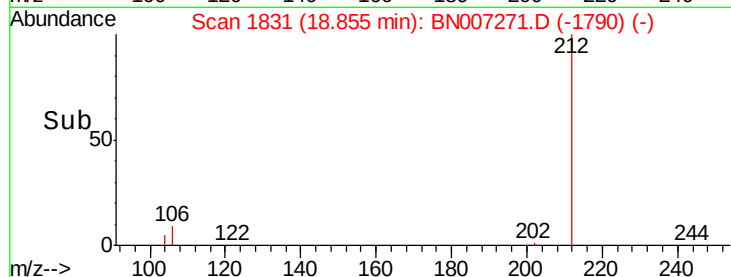
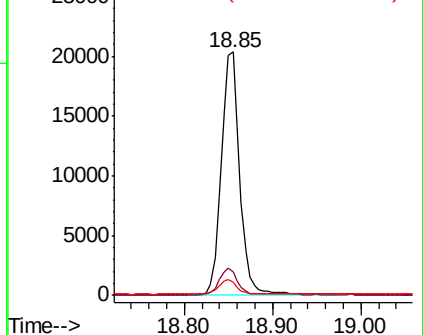
104 5.9 4.7 7.1



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: 0.401 ng

RT: 18.88 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

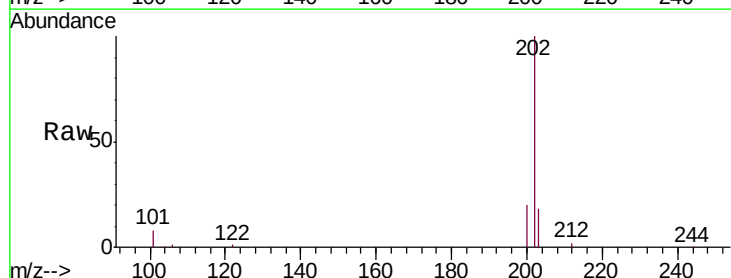
Tgt Ion:202 Resp: 35252

Ion Ratio Lower Upper

202 100

101 9.1 7.2 10.8

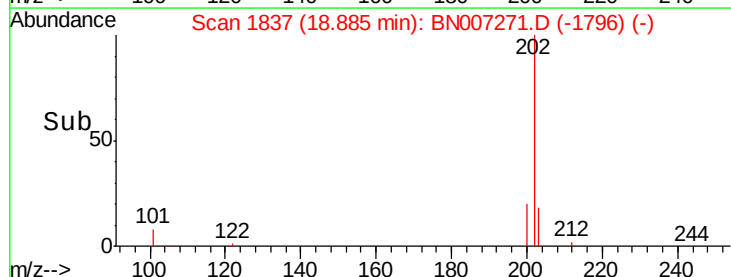
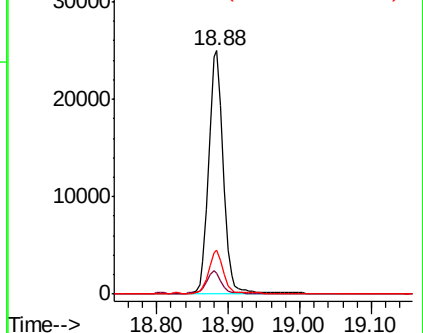
203 17.2 13.8 20.6

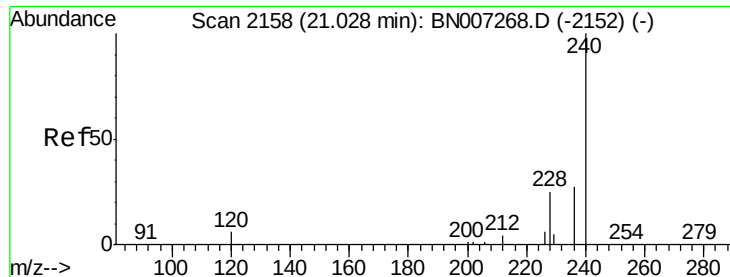


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

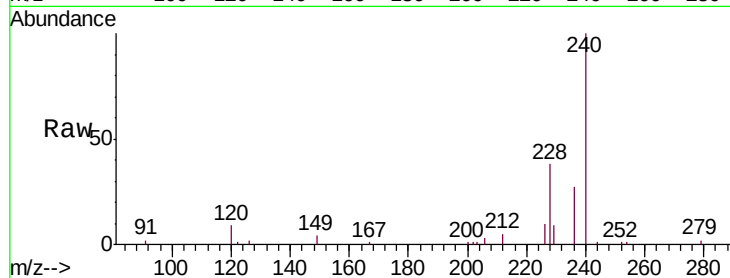
Tgt Ion:240 Resp: 23014

Ion Ratio Lower Upper

240 100

120 8.8 5.6 8.4#

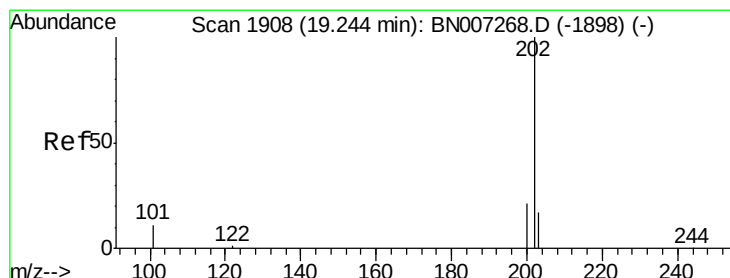
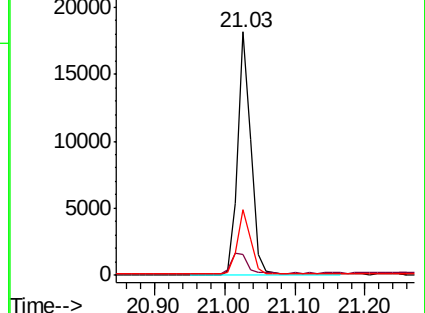
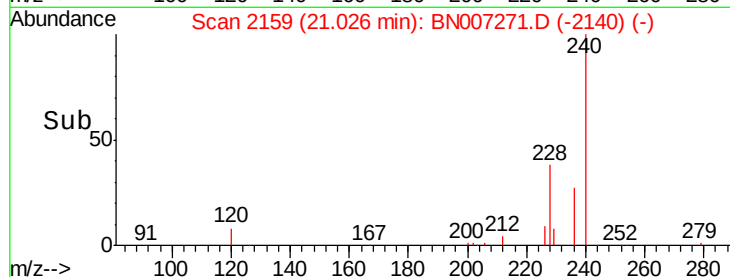
236 27.1 21.6 32.4



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: 0.414 ng

RT: 19.25 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

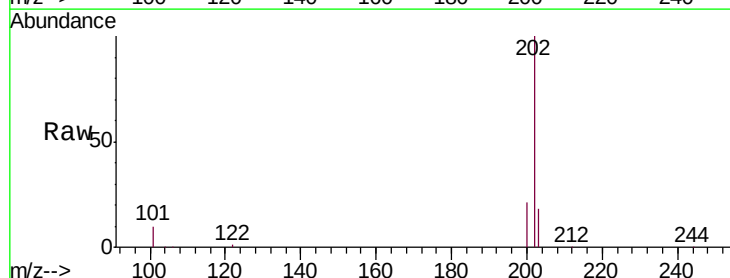
Tgt Ion:202 Resp: 35617

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

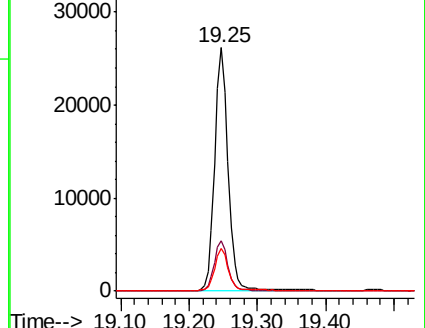
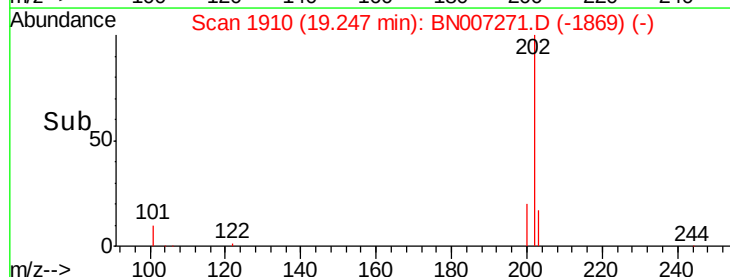
203 17.6 13.9 20.9

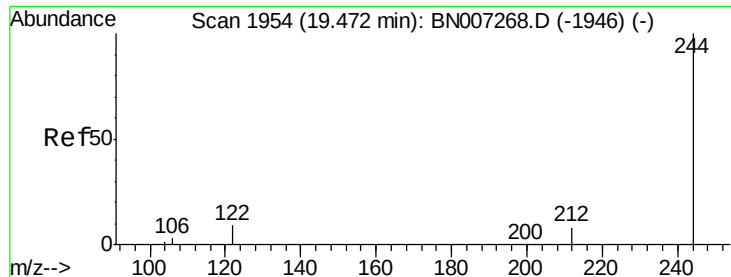


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.414 ng

RT: 19.48 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

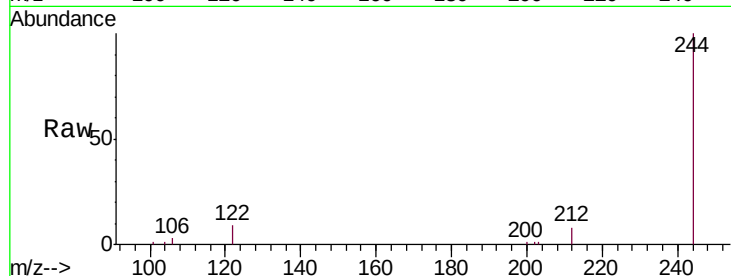
Tgt Ion:244 Resp: 23821

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

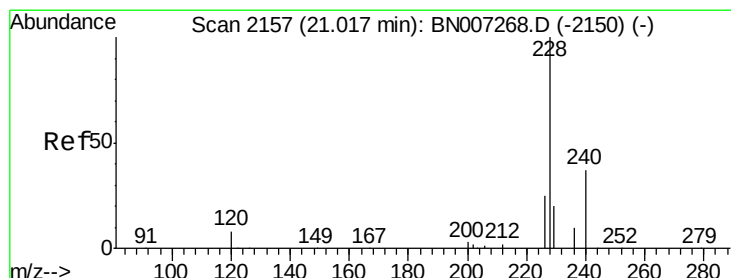
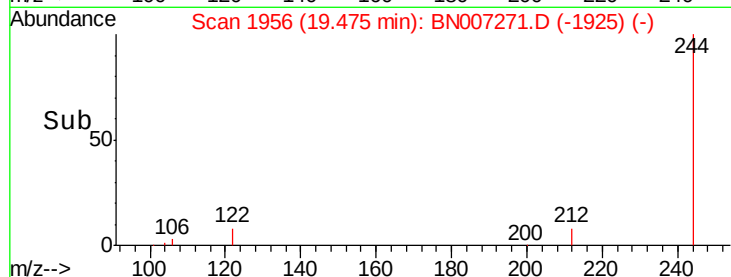
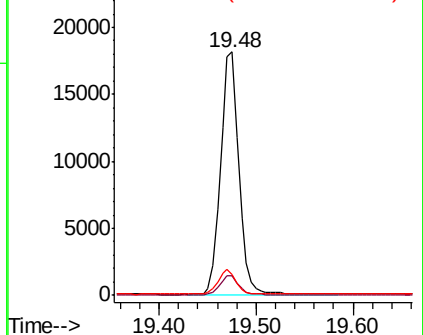
122 8.7 7.9 11.9



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: 0.407 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

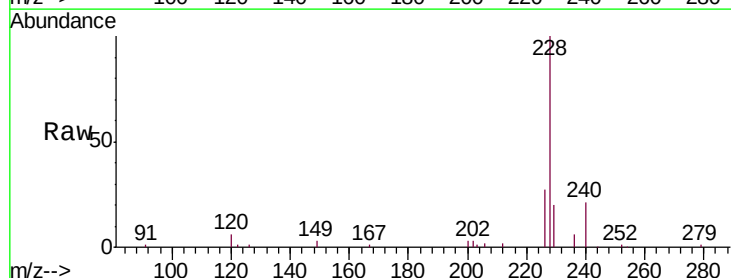
Tgt Ion:228 Resp: 34838

Ion Ratio Lower Upper

228 100

226 26.6 20.6 30.8

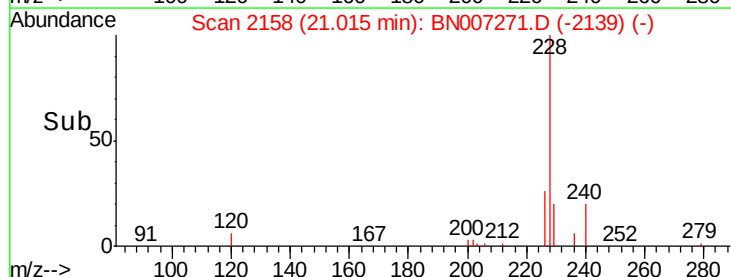
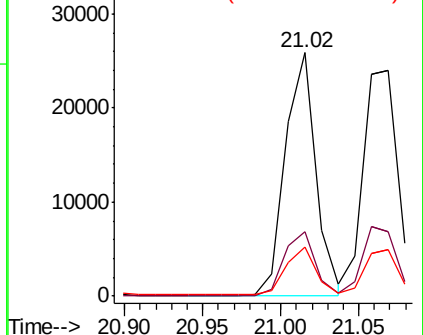
229 20.1 16.9 25.3

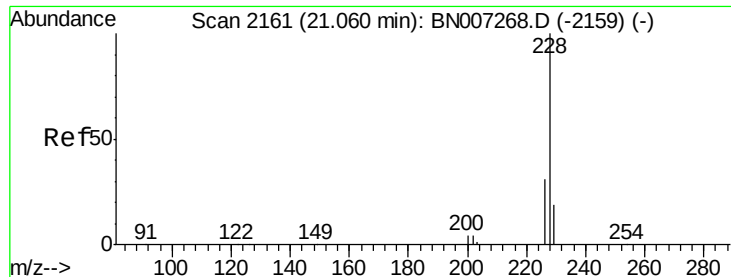


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.425 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

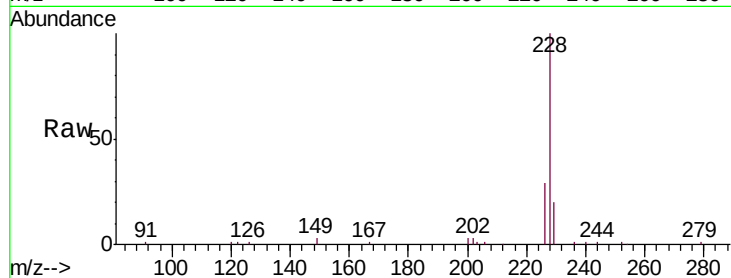
Tgt Ion:228 Resp: 37155

Ion Ratio Lower Upper

228 100

226 28.5 24.6 36.8

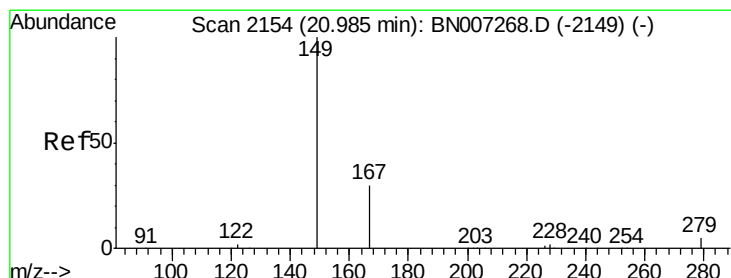
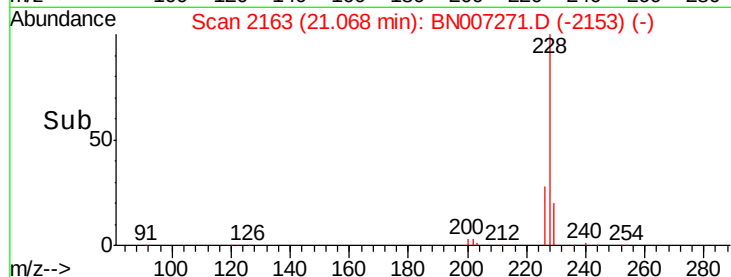
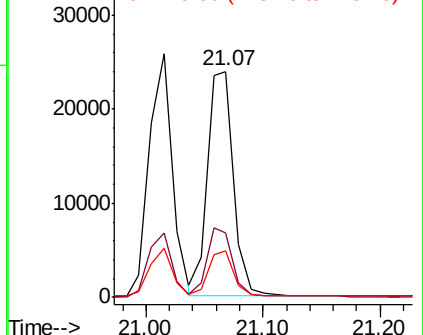
229 20.3 15.6 23.4



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: 0.408 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

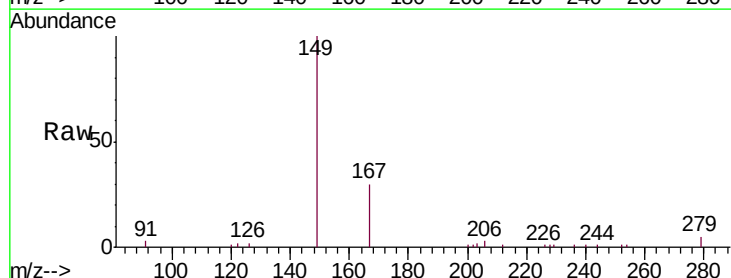
Tgt Ion:149 Resp: 13952

Ion Ratio Lower Upper

149 100

167 27.5 23.8 35.6

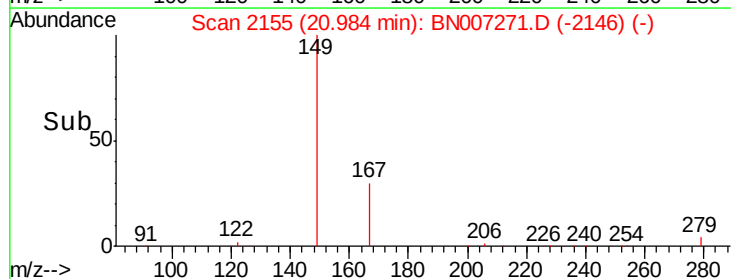
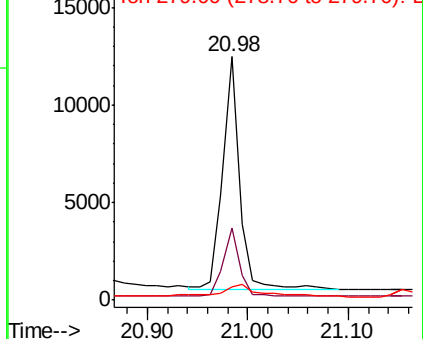
279 11.1 3.8 5.8#

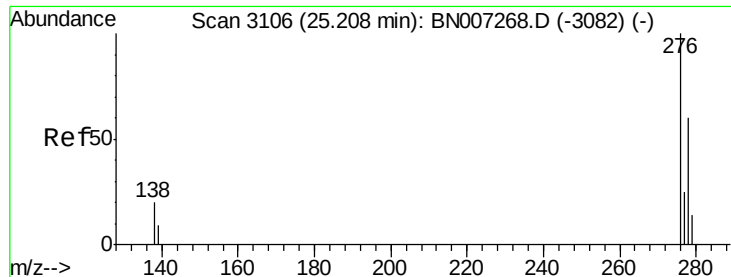


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.419 ng

RT: 25.21 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

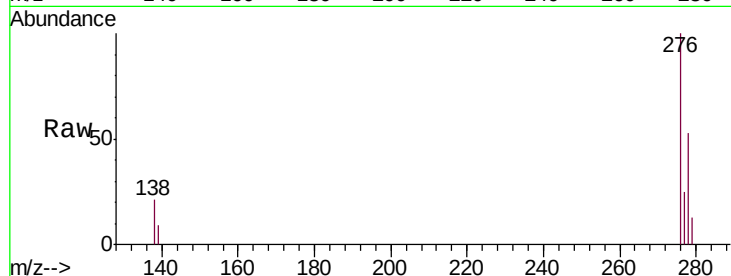
Tgt Ion:276 Resp: 44021

Ion Ratio Lower Upper

276 100

138 21.3 17.1 25.7

277 24.8 20.1 30.1

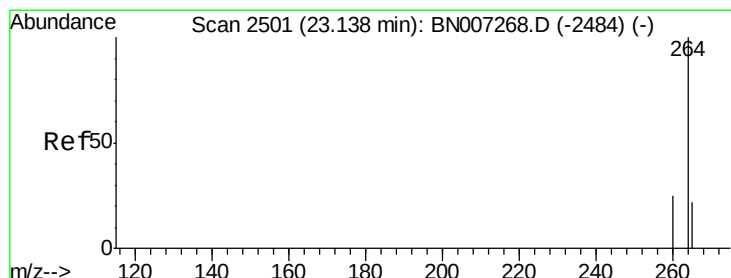
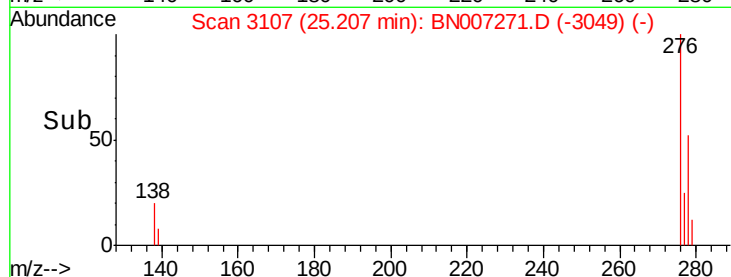
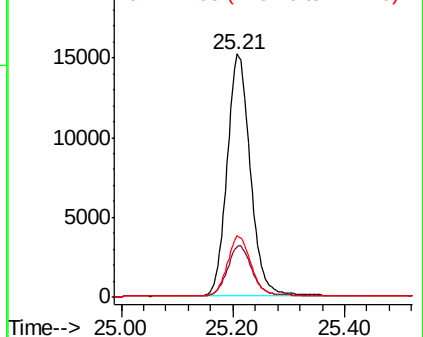


Abundance

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: BN007271.D

Acq: 20 Aug 2019 19:03

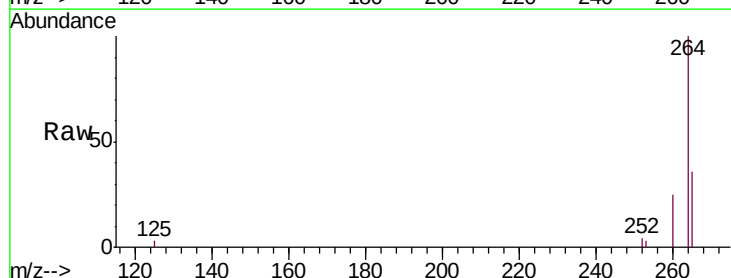
Tgt Ion:264 Resp: 24768

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 35.7 29.0 43.6

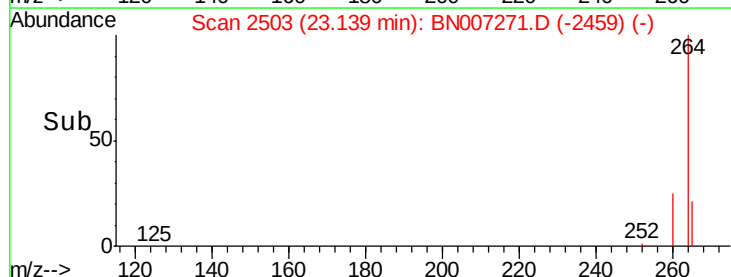
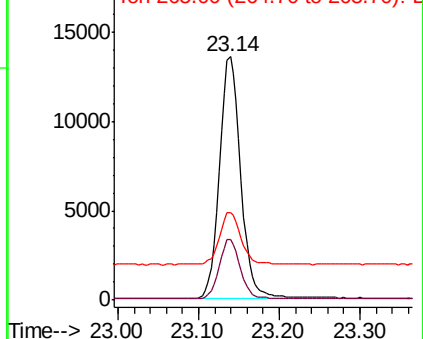


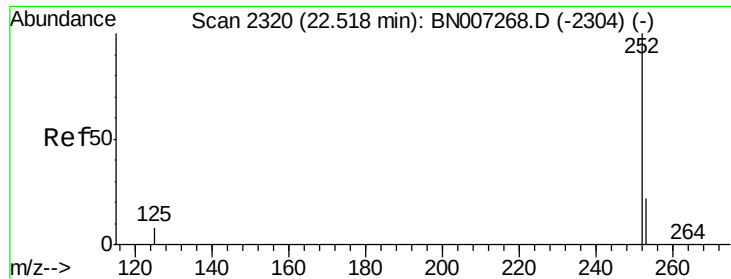
Abundance

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

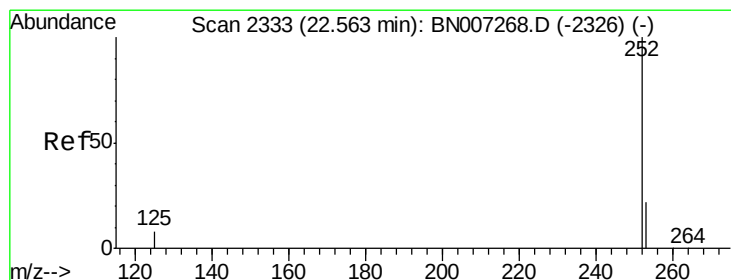
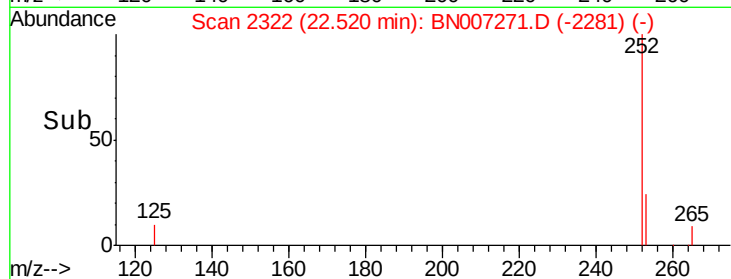
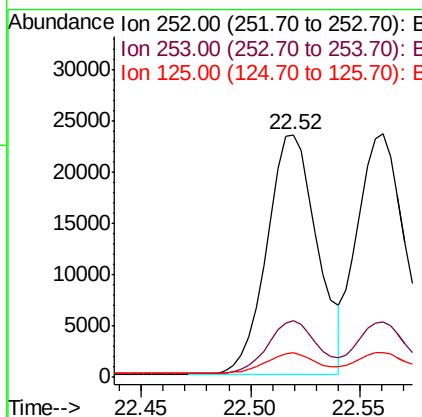
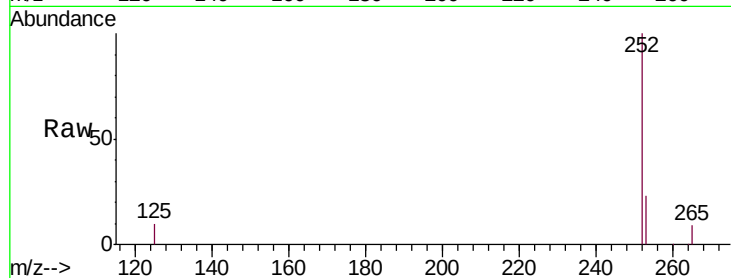




#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 22.52 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BN007271.D
Acq: 20 Aug 2019 19:03

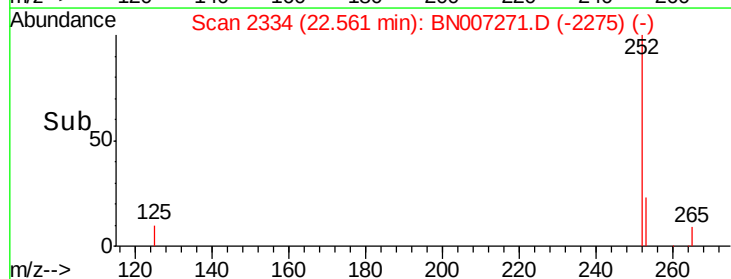
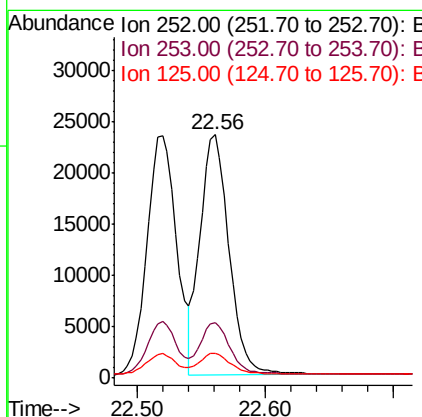
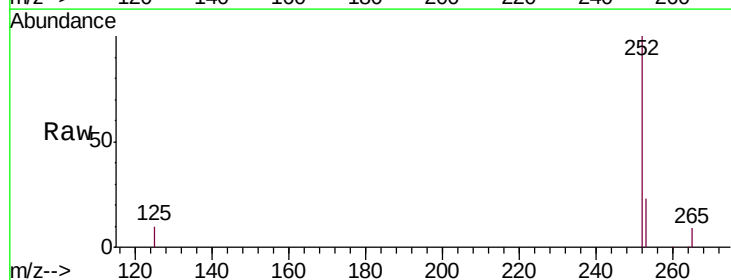
Instrument :
BNA_N
ClientSampleId :
ICVBN082019

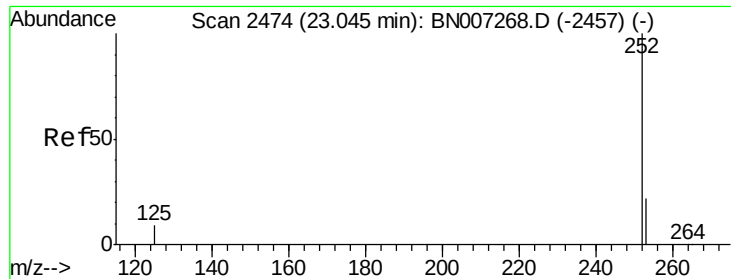
Tgt Ion:252 Resp: 37447
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 10.0 7.8 11.6



#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 22.56 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BN007271.D
Acq: 20 Aug 2019 19:03

Tgt Ion:252 Resp: 36669
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 10.3 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.05 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019

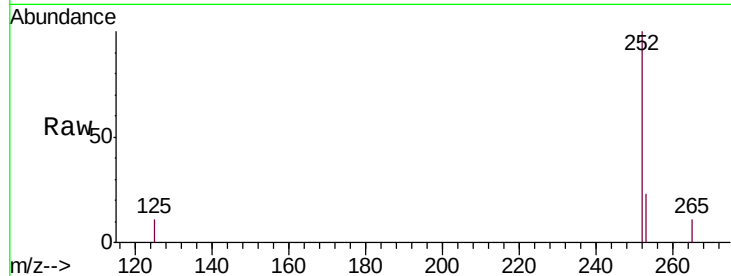
Tgt Ion:252 Resp: 33136

Ion Ratio Lower Upper

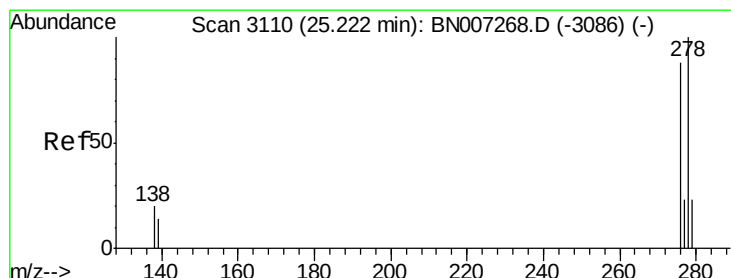
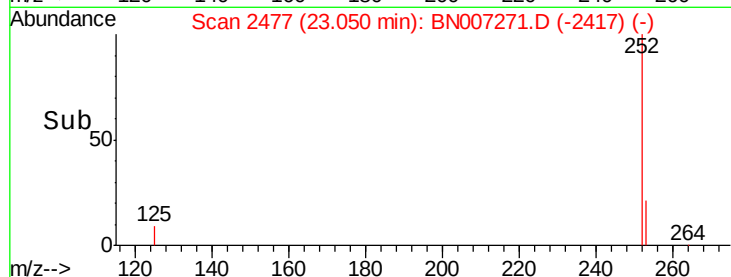
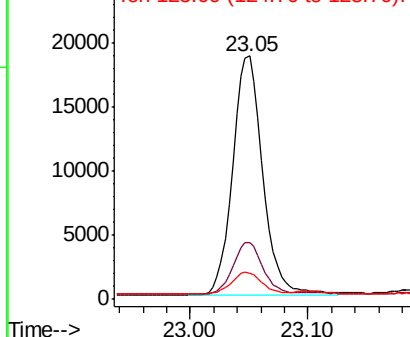
252 100

253 23.2 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: 0.409 ng

RT: 25.22 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BN007271.D

Acq: 20 Aug 2019 19:03

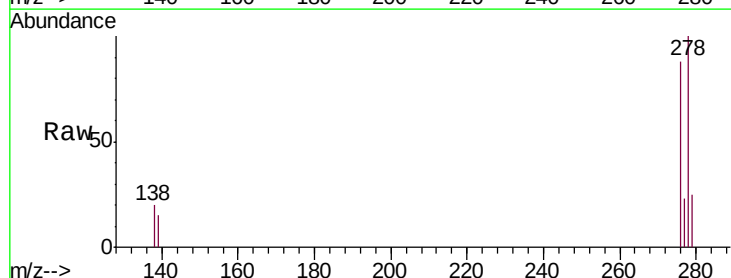
Tgt Ion:278 Resp: 35757

Ion Ratio Lower Upper

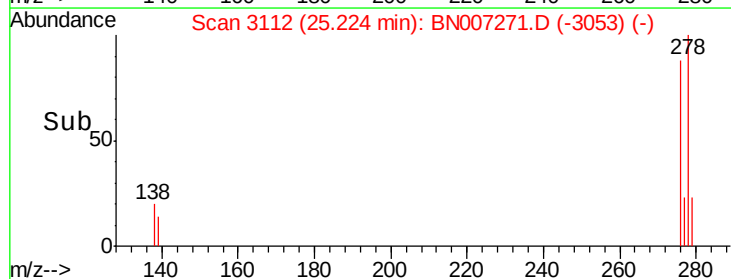
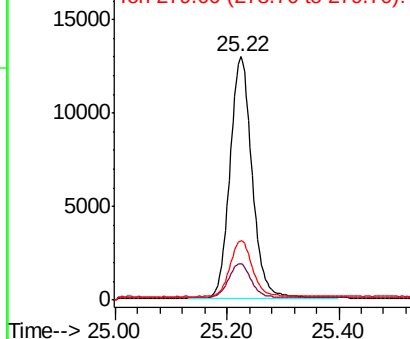
278 100

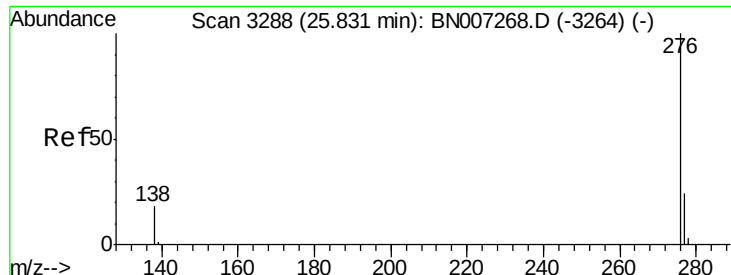
139 15.1 11.8 17.8

279 24.5 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(g,h,i)perylene

Concen: 0.410 ng

RT: 25.83 min Scan# 3290

Delta R.T. 0.00 min

Lab File: BN007271.D

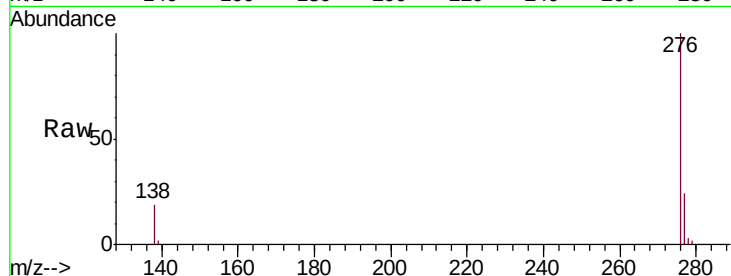
Acq: 20 Aug 2019 19:03

Instrument :

BNA_N

ClientSampleId :

ICVBN082019



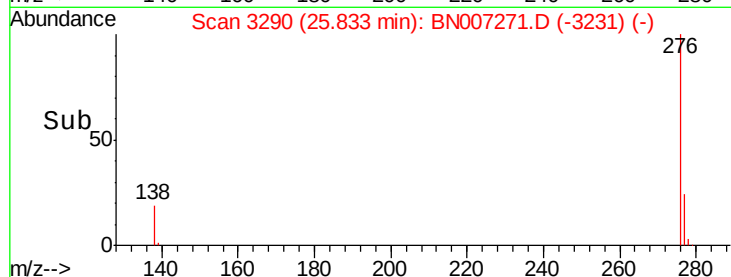
Tgt Ion: 276 Resp: 36192

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 19.3 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

