

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082319\
 Data File : BN007340.D
 Acq On : 23 Aug 2019 23:13
 Operator : HP/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN082319

Quant Time: Aug 24 07:33:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4076	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	16865	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	9193	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	20795	0.40	ng	0.00
27) Chrysene-d12	21.02	240	20481	0.40	ng	0.00
34) Perylene-d12	23.13	264	22286	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	5674	0.40	ng	0.00
5) Phenol-d6	6.59	99	6790	0.38	ng	0.00
8) Nitrobenzene-d5	8.53	82	5704	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	11512	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1760	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	14988	0.40	ng	0.00
25) Fluoranthene-d10	18.84	212	28141	0.42	ng	0.00
29) Terphenyl-d14	19.47	244	22290	0.42	ng	0.00

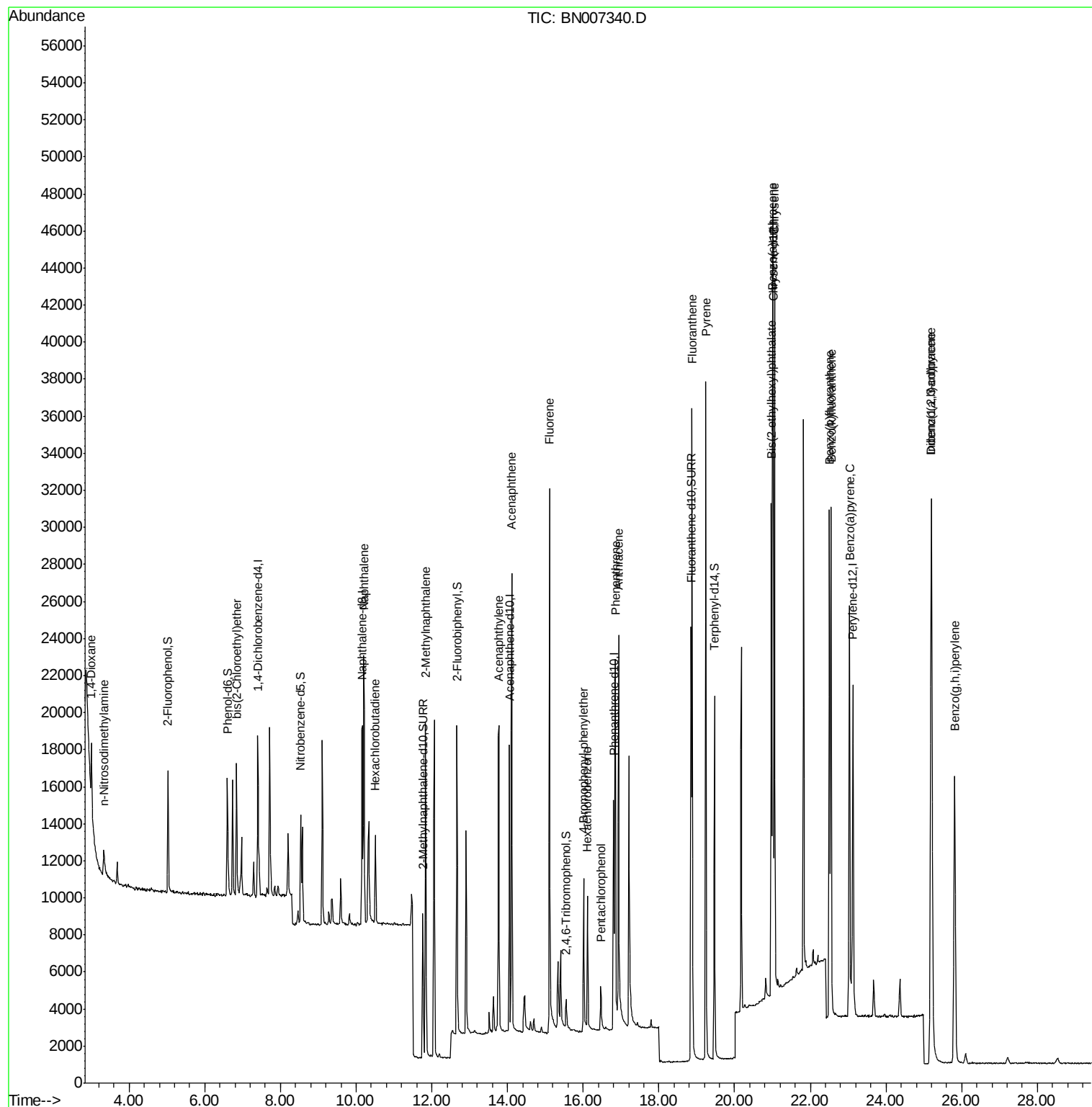
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	2711	0.400	ng	# 87
3) n-Nitrosodimethylamine	3.33	42	1126	0.358	ng	90
6) bis(2-Chloroethyl)ether	6.84	93	6206	0.422	ng	96
9) Naphthalene	10.20	128	19975	0.414	ng	94
10) Hexachlorobutadiene	10.51	225	4064	0.412	ng	# 98
12) 2-Methylnaphthalene	11.84	142	13637	0.415	ng	99
16) Acenaphthylene	13.77	152	21710	0.399	ng	99
17) Acenaphthene	14.11	154	12994	0.408	ng	97
18) Fluorene	15.10	166	16232	0.403	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	3901	0.476	ng	# 89
21) Hexachlorobenzene	16.11	284	5885	0.422	ng	97
22) Pentachlorophenol	16.46	266	1663	0.384	ng	# 73
23) Phenanthrene	16.85	178	25299	0.404	ng	100
24) Anthracene	16.93	178	25660	0.408	ng	99
26) Fluoranthene	18.87	202	33198	0.413	ng	100
28) Pyrene	19.24	202	34472	0.418	ng	100
30) Benzo(a)anthracene	21.00	228	32618	0.406	ng	100
31) Chrysene	21.06	228	33254	0.428	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	22222	0.408	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	38788	0.415	ng	99
35) Benzo(b)fluoranthene	22.51	252	33361	0.413	ng	97
36) Benzo(k)fluoranthene	22.55	252	33376	0.418	ng	99
37) Benzo(a)pyrene	23.04	252	31707	0.413	ng	97
38) Dibenzo(a,h)anthracene	25.20	278	31577	0.412	ng	98
39) Benzo(g,h,i)perylene	25.81	276	31255	0.409	ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082319\
Data File : BN007340.D
Acq On : 23 Aug 2019 23:13
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Quant Time: Aug 24 07:33:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration



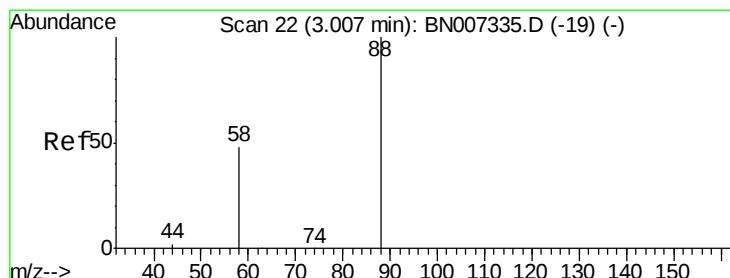
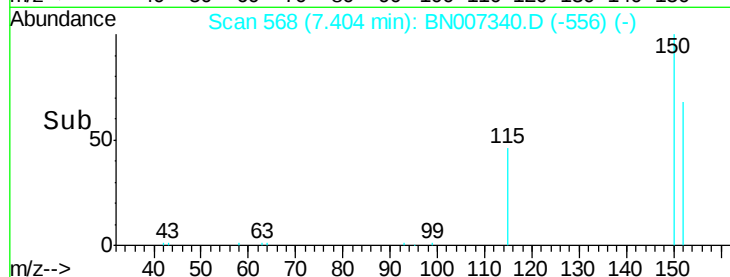
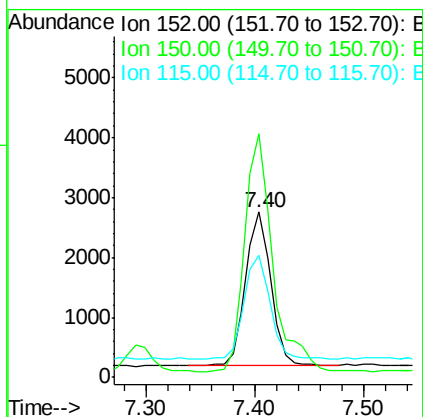
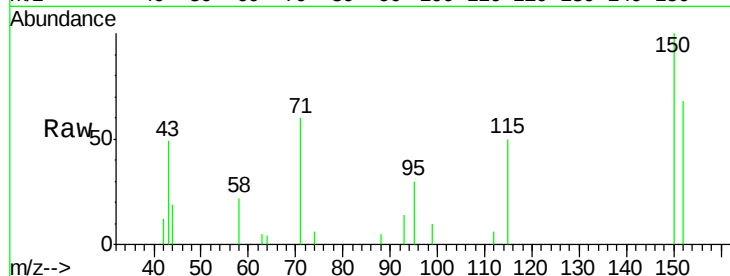


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Instrument :
BNA_N
ClientSampleId :
ICVBN082319

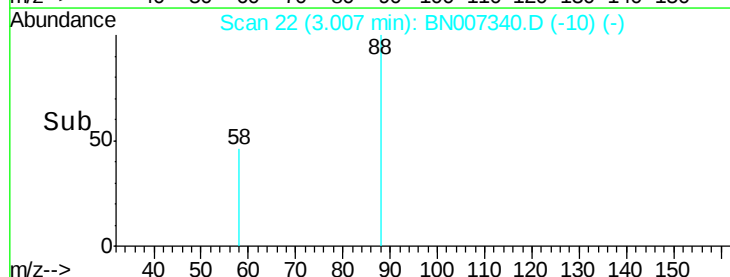
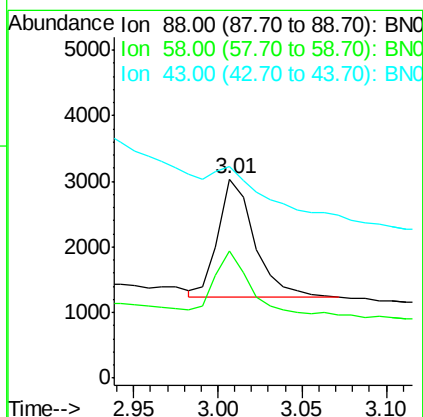
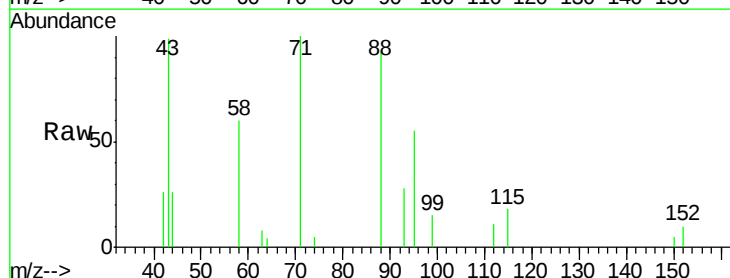
Tot Ion:152 Resp: 4076
Ion Ratio Lower Upper
152 100
150 147.5 109.1 163.7
115 74.3 59.6 89.4



#2

1,4-Dioxane
Concen: 0.400 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion: 88 Resp: 2711
Ion Ratio Lower Upper
88 100
58 53.2 50.5 75.7
43 0.0 0.0 0.0





#3

n-Nitrosodimethylamine

Concen: 0.358 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

ICVBN082319

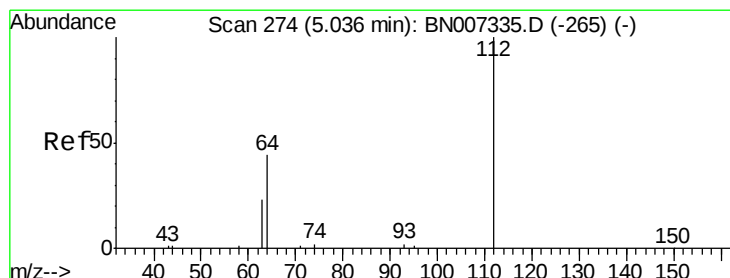
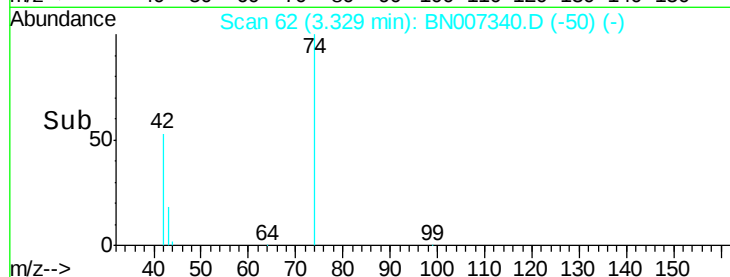
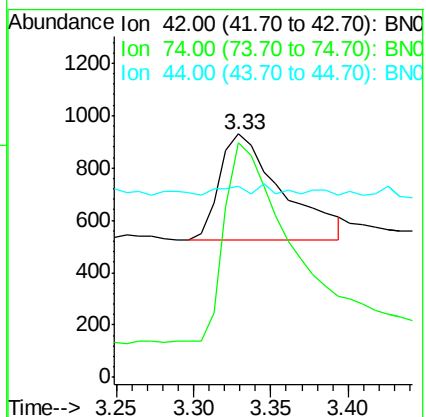
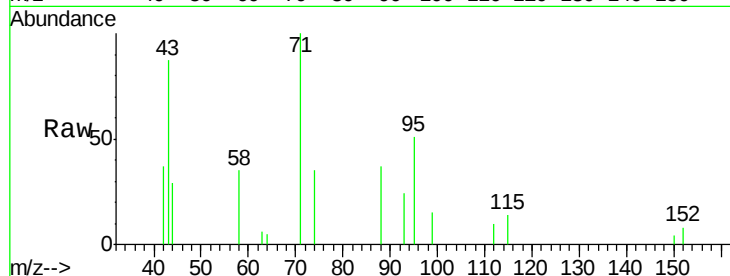
Tot Ion: 42 Resp: 1126

Ion Ratio Lower Upper

42 100

74 195.3 144.7 217.1

44 3.9 3.2 4.8



#4

2-Fluorophenol

Concen: 0.401 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

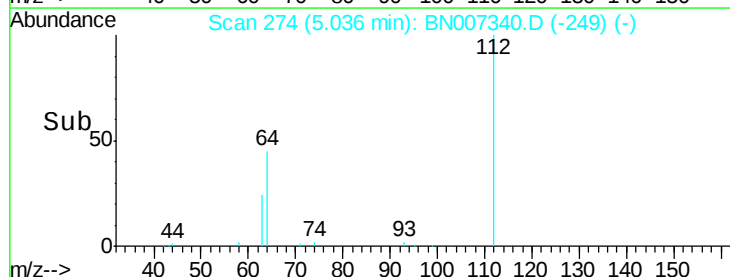
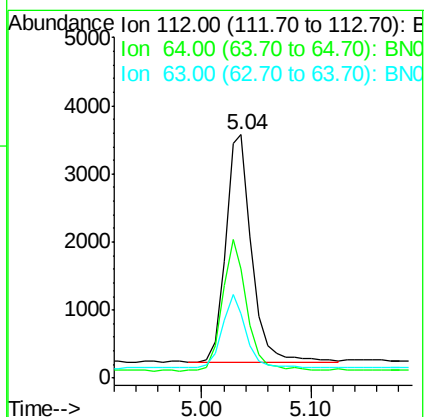
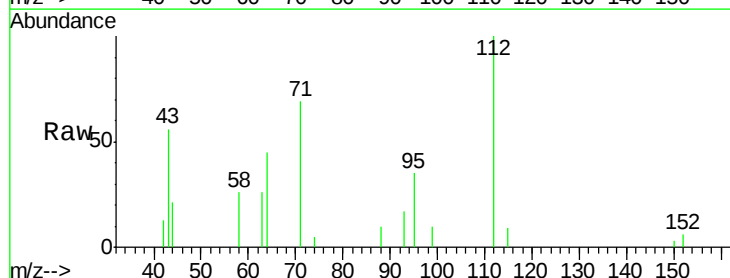
Tgt Ion: 112 Resp: 5674

Ion Ratio Lower Upper

112 100

64 54.1 42.3 63.5

63 29.3 23.6 35.4





#5

Phenol-d6

Concen: 0.376 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

ICVBN082319

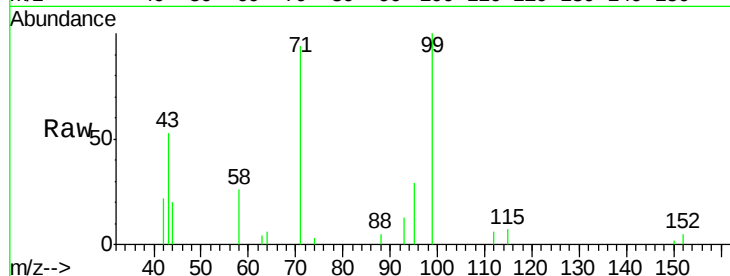
Tot Ion: 99 Resp: 6790

Ion Ratio Lower Upper

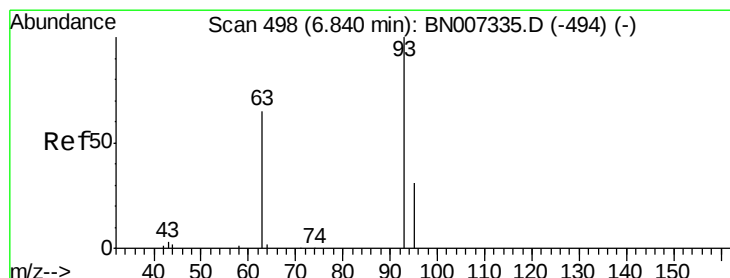
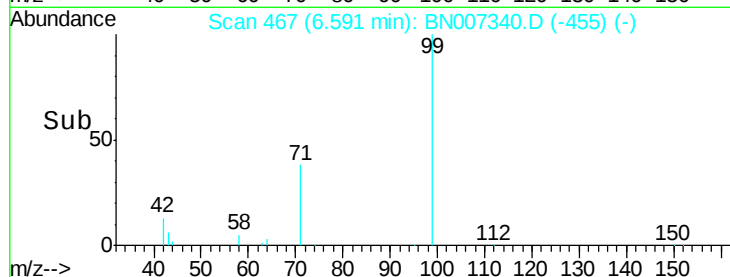
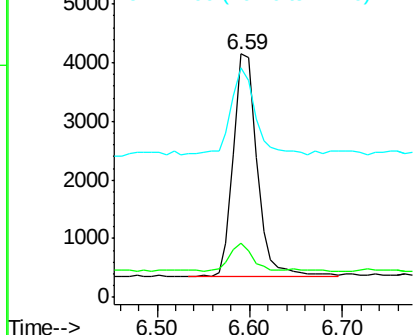
99 100

42 12.3 11.2 16.8

71 39.2 31.8 47.8



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



#6

bis(2-Chloroethyl)ether

Concen: 0.422 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

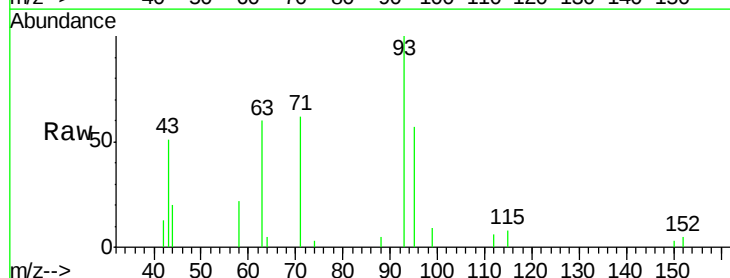
Tgt Ion: 93 Resp: 6206

Ion Ratio Lower Upper

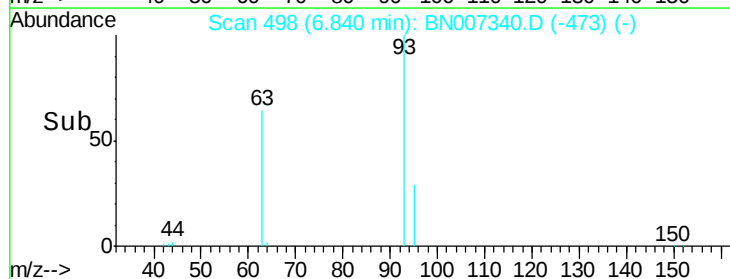
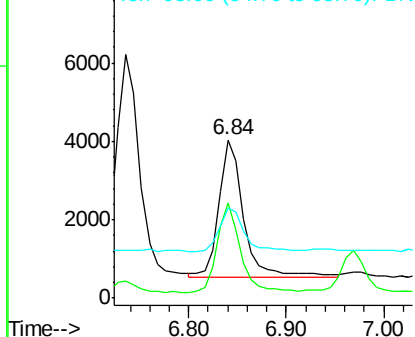
93 100

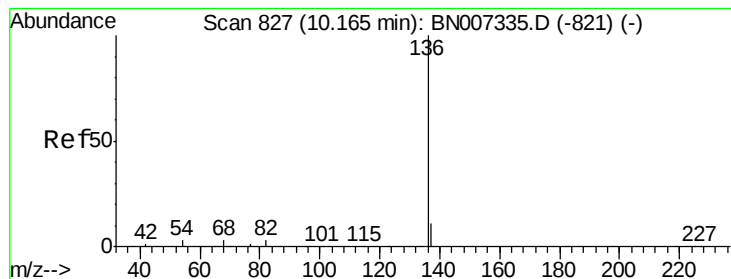
63 60.8 51.9 77.9

95 33.5 27.7 41.5



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

ICVBN082319

Tot Ion:136 Resp: 16865

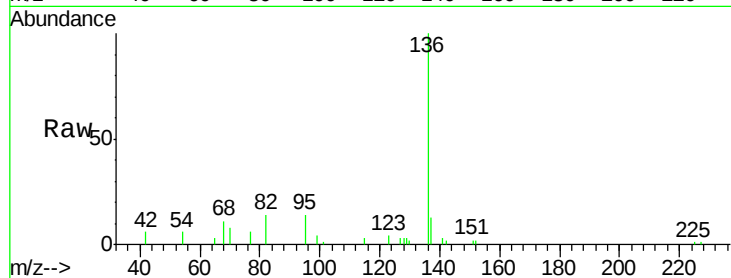
Ion Ratio Lower Upper

136 100

137 13.4 12.9 19.3

54 6.3 8.6 12.8#

68 10.7 17.0 25.4#

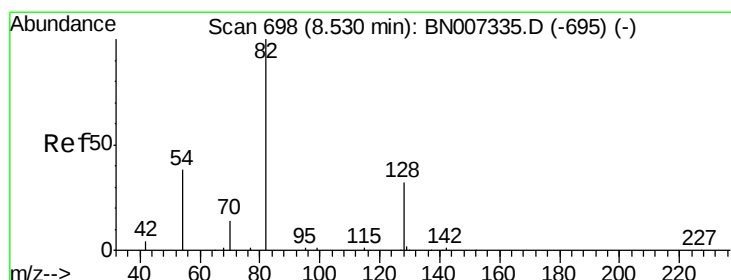
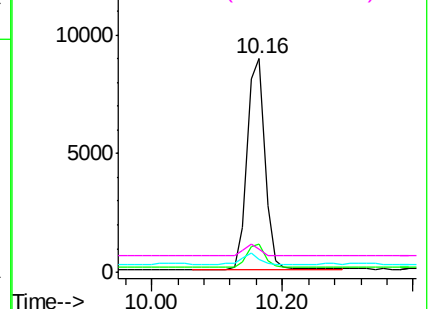
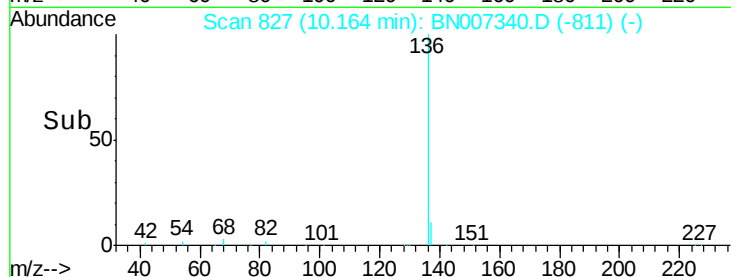


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.389 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

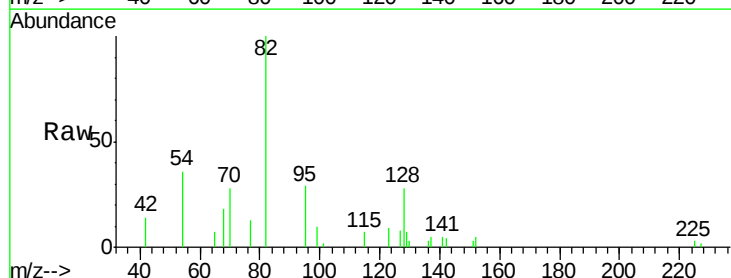
Tgt Ion: 82 Resp: 5704

Ion Ratio Lower Upper

82 100

128 28.4 19.7 29.5

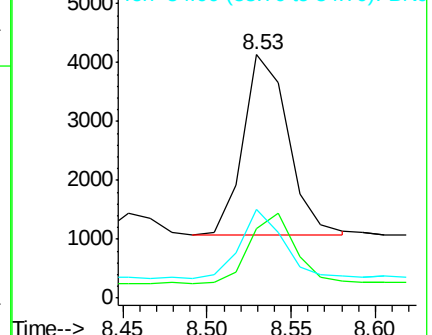
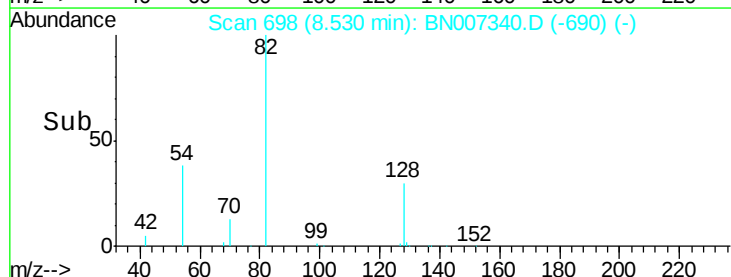
54 36.4 25.8 38.6

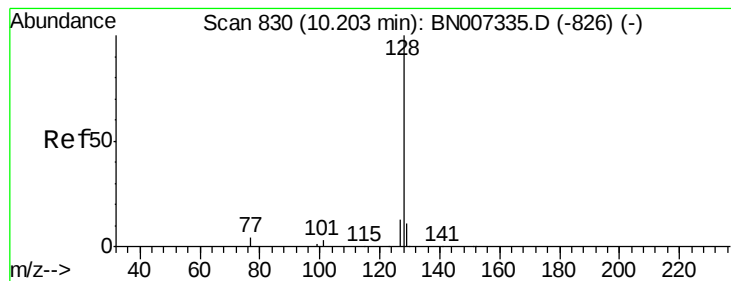


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.414 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

ICVBN082319

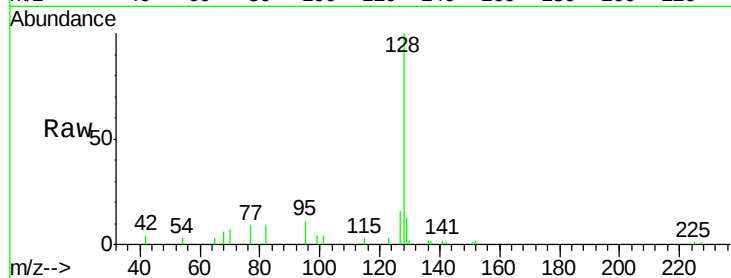
Tot Ion:128 Resp: 19975

Ion Ratio Lower Upper

128 100

129 12.7 11.1 16.7

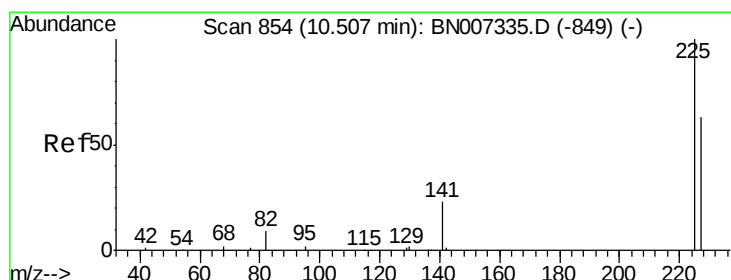
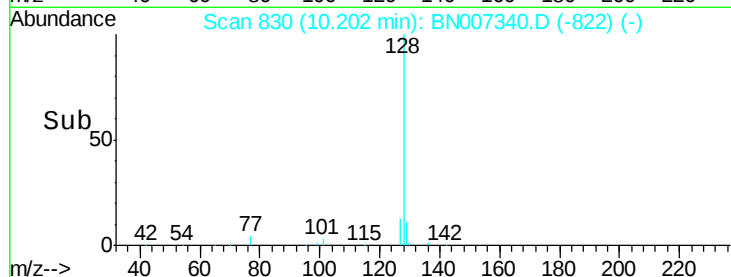
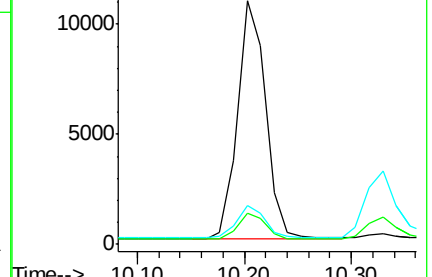
127 15.8 15.5 23.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.412 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

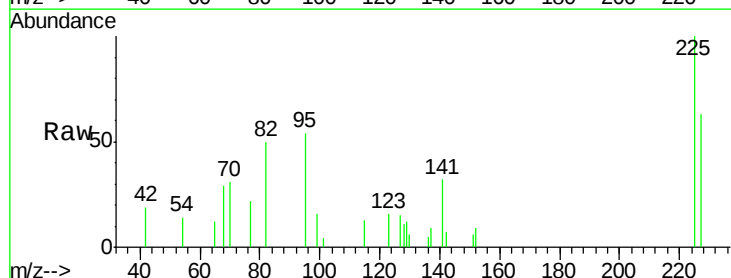
Tgt Ion:225 Resp: 4064

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

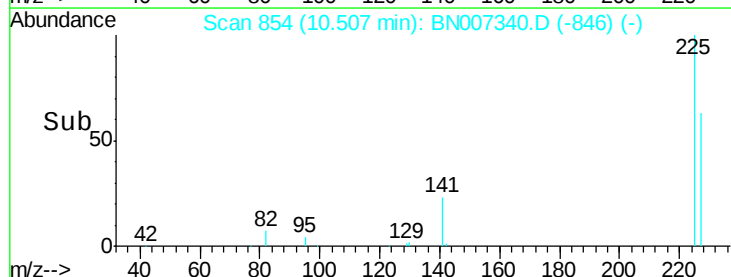
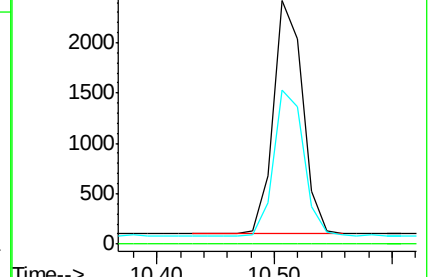
227 64.6 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 11.76 min Scan# 990

Delta R.T. -0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

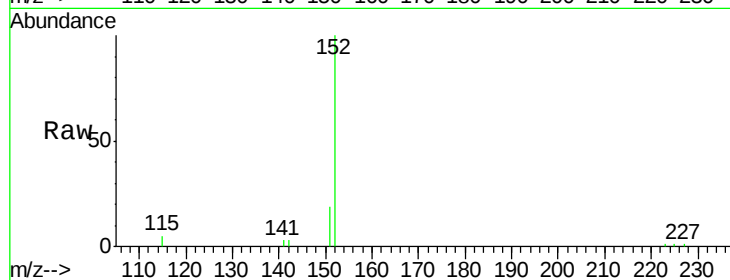
ICVBN082319

Tot Ion:152 Resp: 11512

Ion Ratio Lower Upper

152 100

151 19.0 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

8000

6000

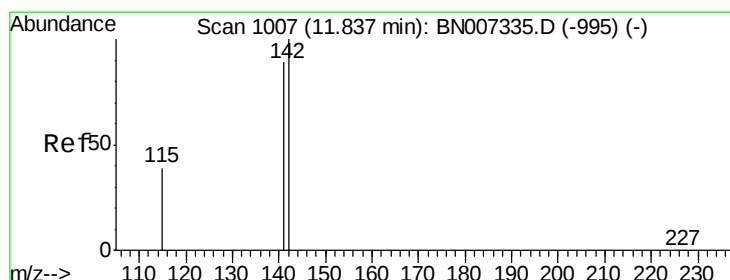
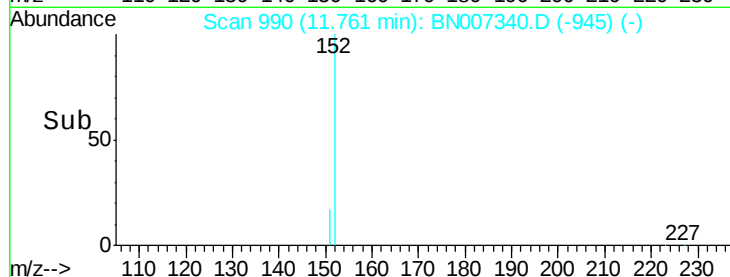
4000

2000

0

Time-->

11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.415 ng

RT: 11.84 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

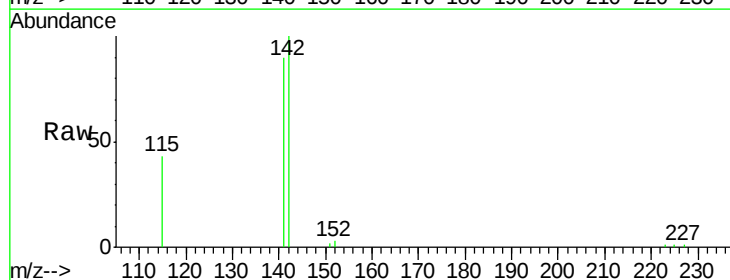
Tgt Ion:142 Resp: 13637

Ion Ratio Lower Upper

142 100

141 90.5 72.8 109.2

115 42.8 35.2 52.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.84

10000

8000

6000

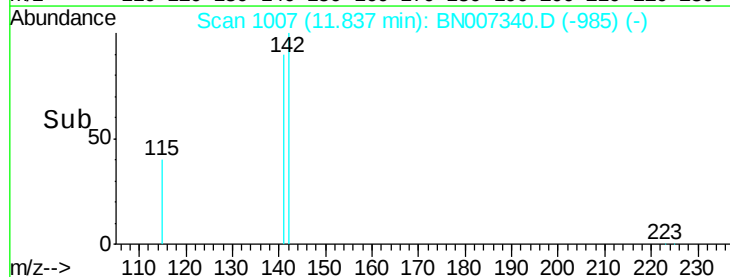
4000

2000

0

Time-->

11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

ICVBN082319

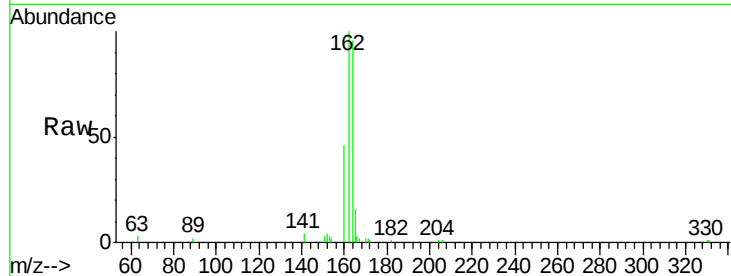
Tot Ion:164 Resp: 9193

Ion Ratio Lower Upper

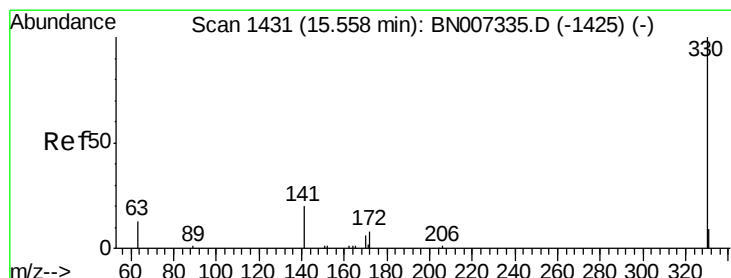
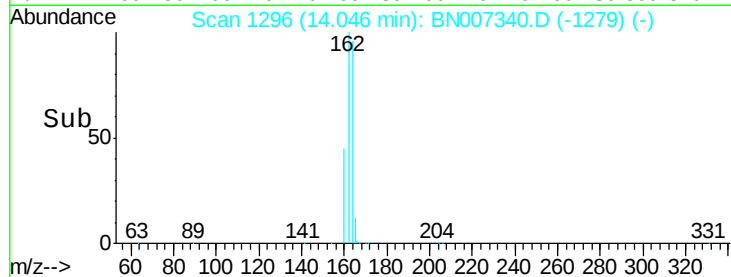
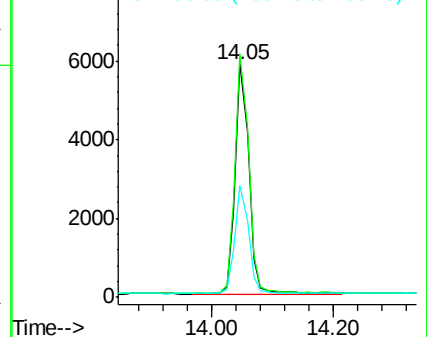
164 100

162 104.6 83.5 125.3

160 47.9 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: 0.366 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

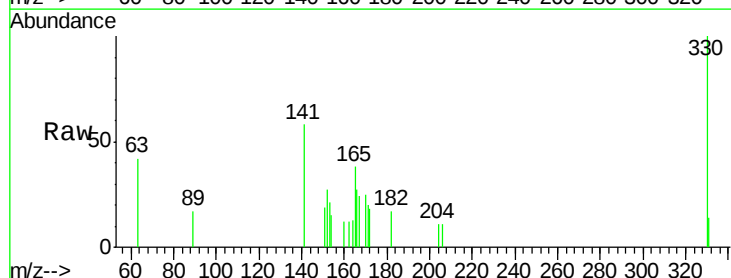
Tgt Ion:330 Resp: 1760

Ion Ratio Lower Upper

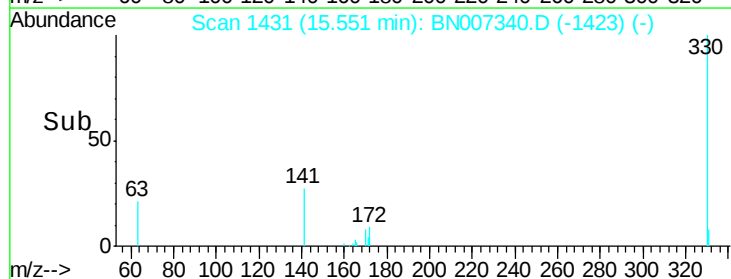
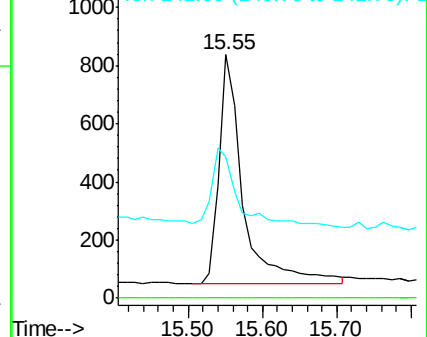
330 100

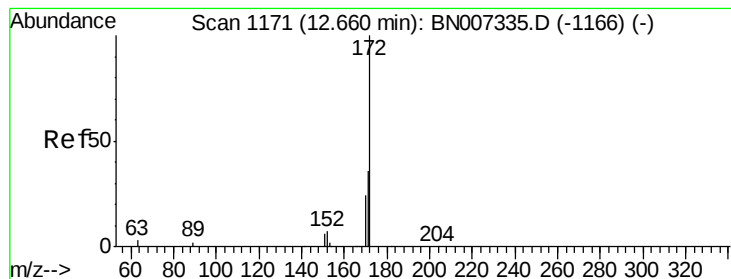
332 0.0 0.0 0.0

141 38.3 26.9 40.3



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.404 ng

RT: 12.66 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

ICVBN082319

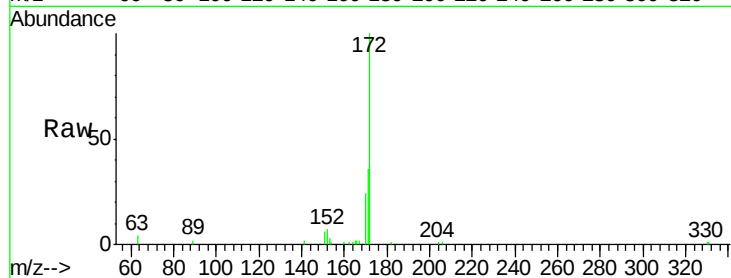
Tot Ion:172 Resp: 14988

Ion Ratio Lower Upper

172 100

171 35.9 30.3 45.5

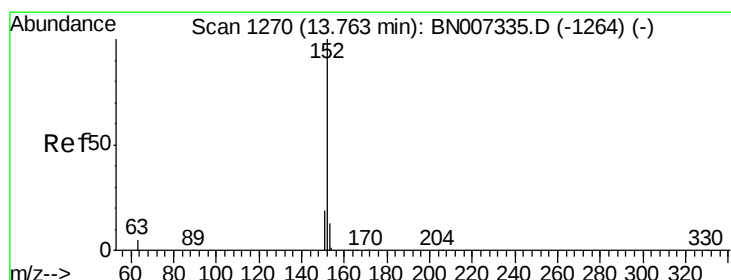
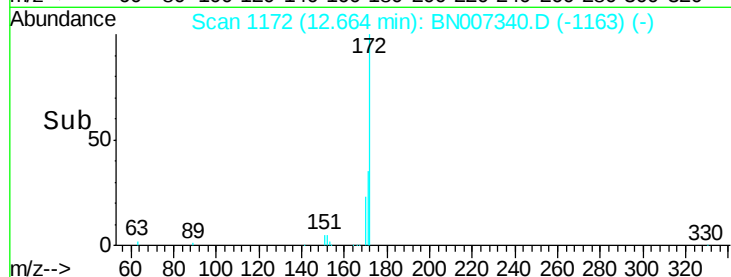
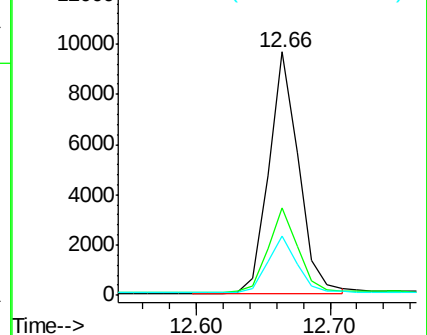
170 24.3 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.399 ng

RT: 13.77 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

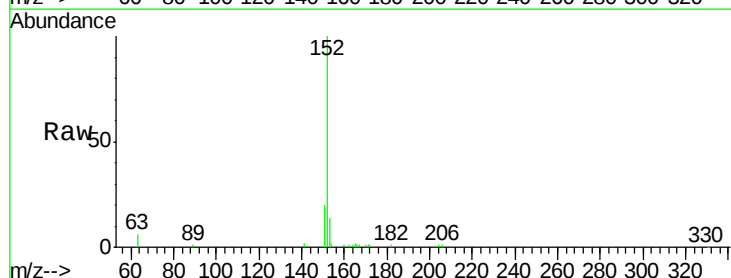
Tgt Ion:152 Resp: 21710

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

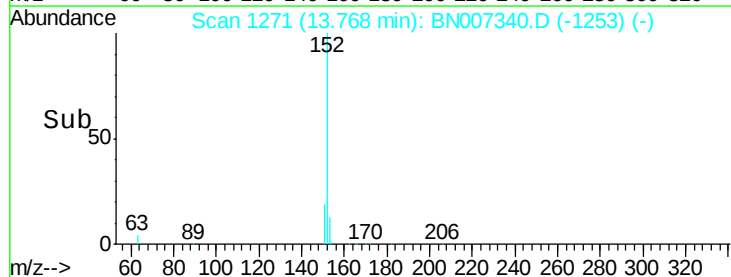
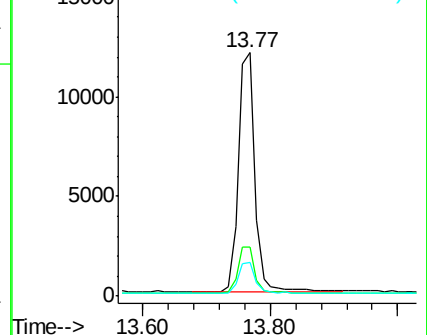
153 13.6 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.408 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

ICVBN082319

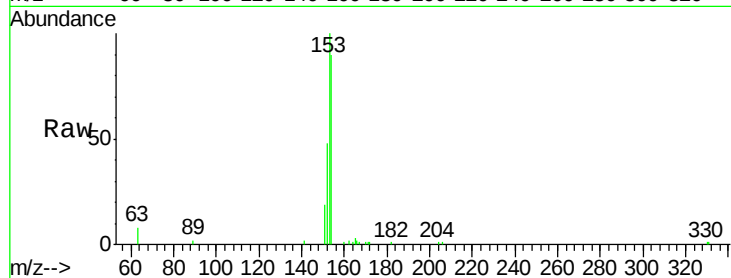
Tot Ion:154 Resp: 12994

Ion Ratio Lower Upper

154 100

153 113.2 92.8 139.2

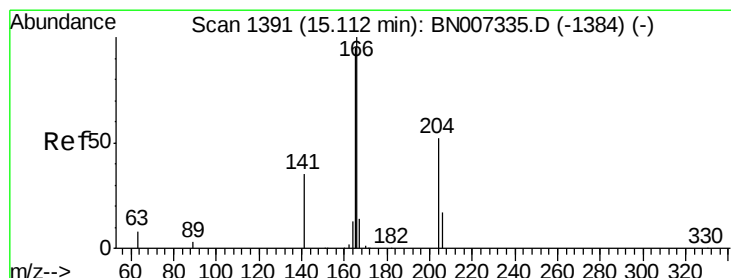
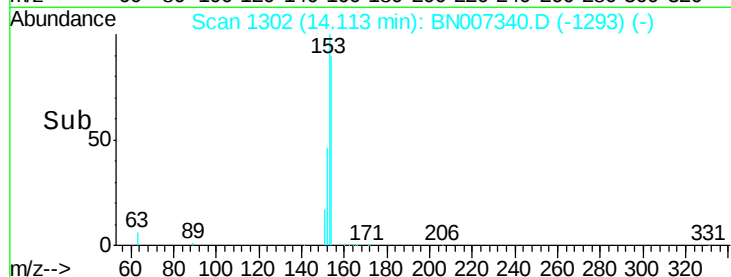
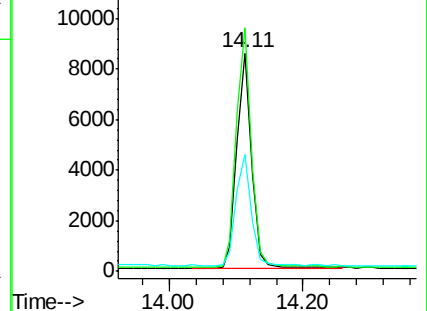
152 52.8 43.8 65.8



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: 0.403 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

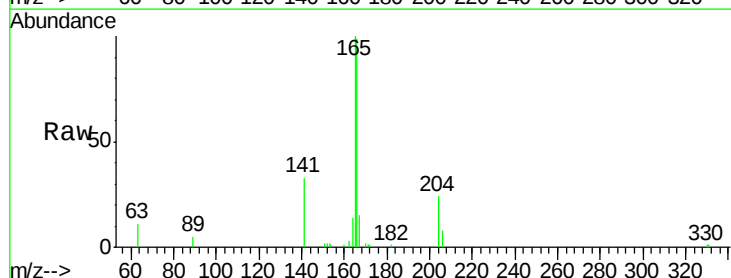
Tgt Ion:166 Resp: 16232

Ion Ratio Lower Upper

166 100

165 98.8 79.0 118.4

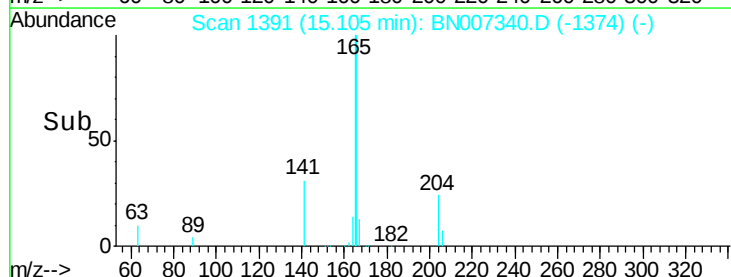
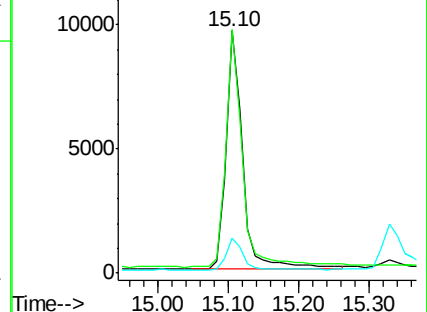
167 13.2 10.6 15.8

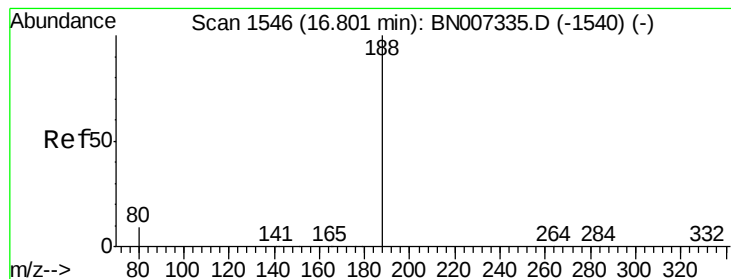


Abundance Ion 166.00 (165.70 to 166.70): E

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. 0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

ICVBN082319

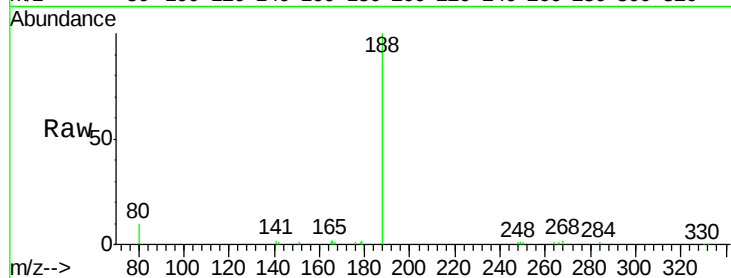
Tot Ion:188 Resp: 20795

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

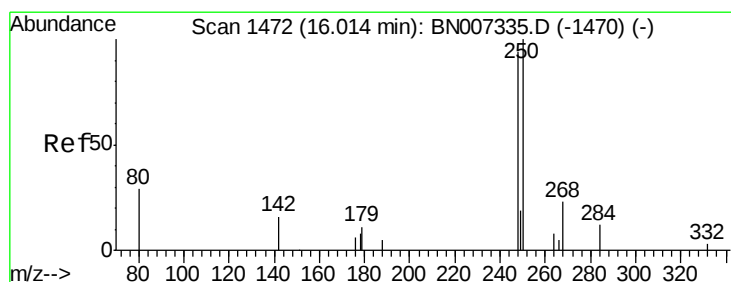
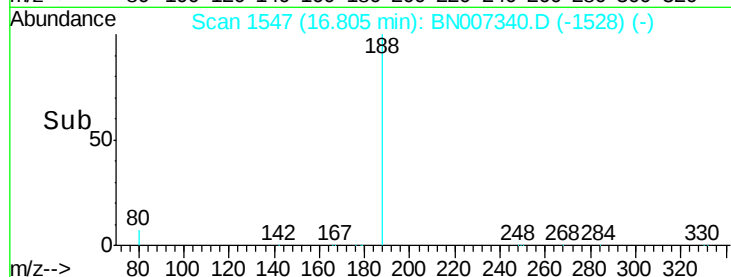
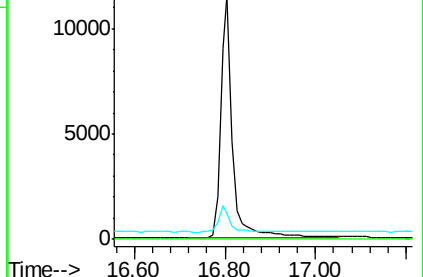
80 10.4 11.8 17.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.476 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

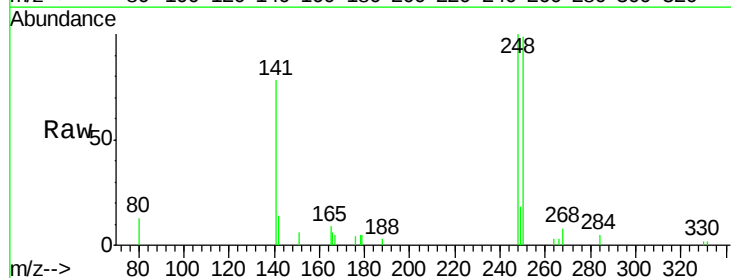
Tgt Ion:248 Resp: 3901

Ion Ratio Lower Upper

248 100

250 98.9 85.0 127.6

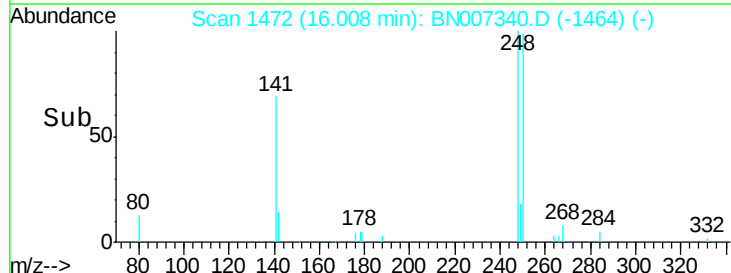
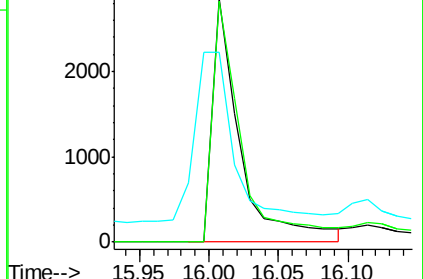
141 78.0 51.7 77.5#

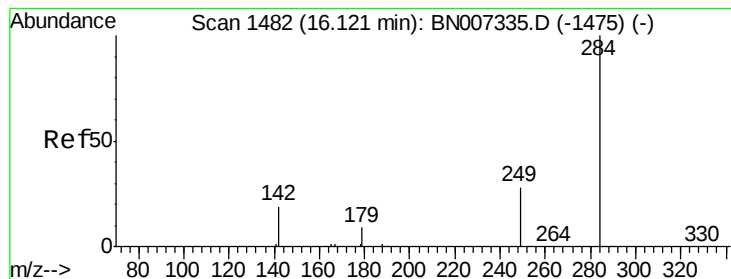


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.422 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

ICVBN082319

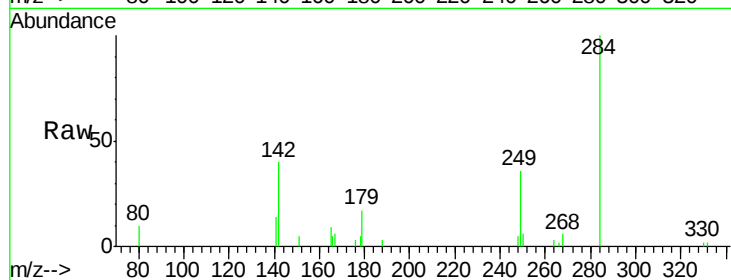
Tot Ion:284 Resp: 5885

Ion Ratio Lower Upper

284 100

142 33.6 29.0 43.6

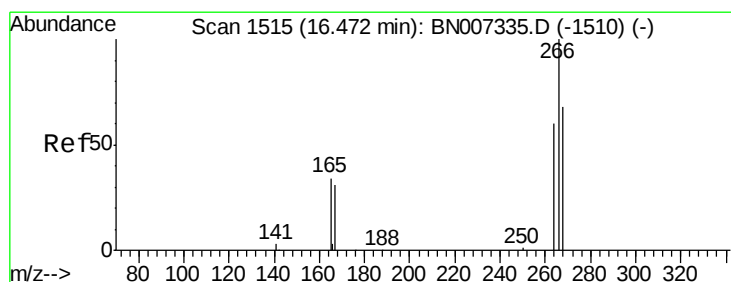
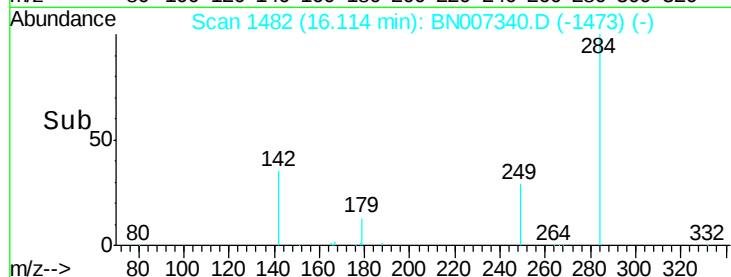
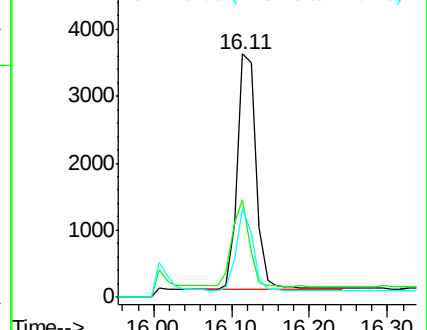
249 31.2 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.384 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

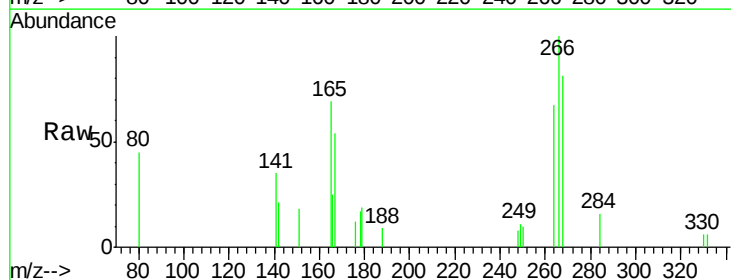
Tgt Ion:266 Resp: 1663

Ion Ratio Lower Upper

266 100

264 66.9 57.8 86.8

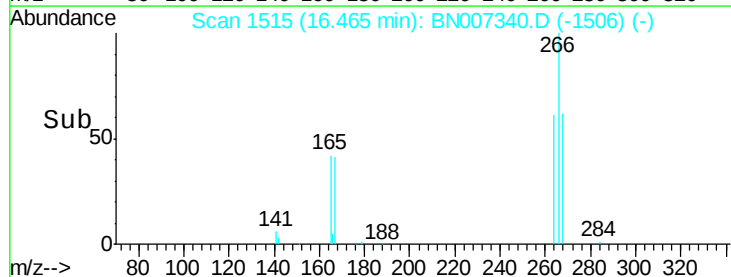
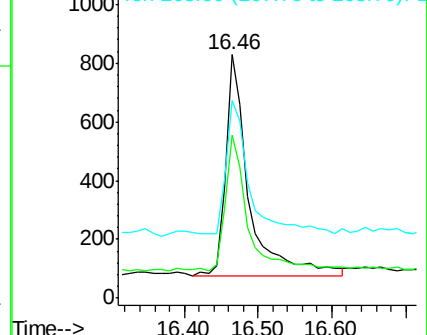
268 81.1 99.7 149.5#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.404 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

ICVBN082319

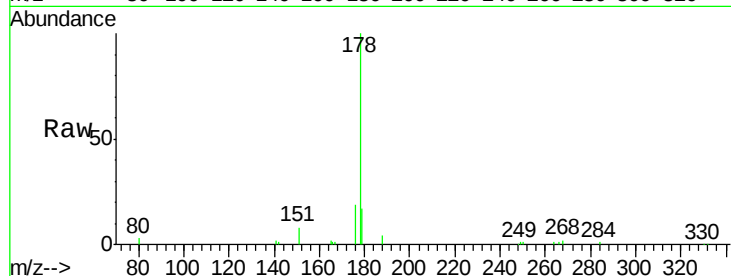
Tot Ion:178 Resp: 25299

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

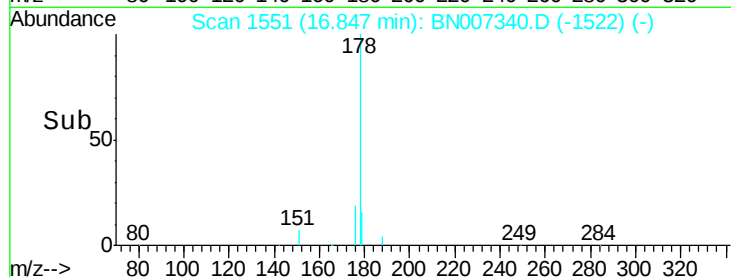
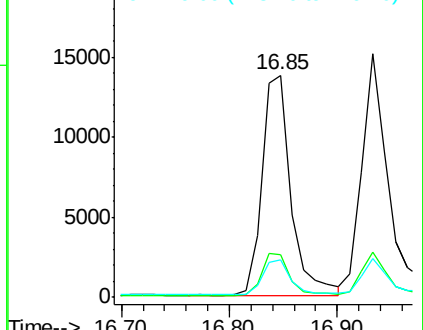
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.408 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

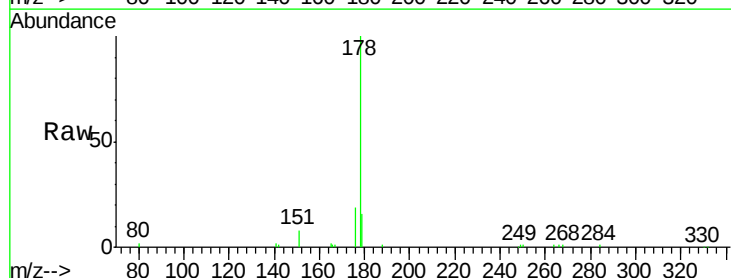
Tgt Ion:178 Resp: 25660

Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

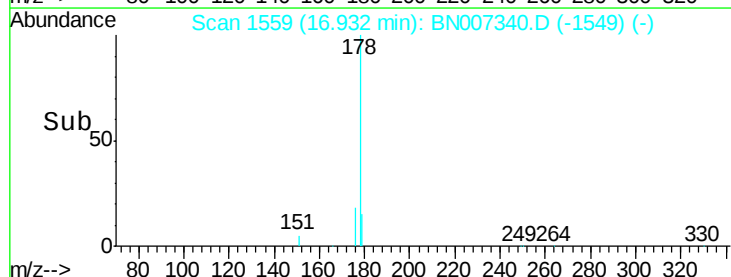
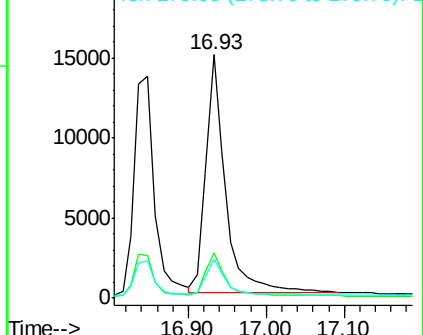
179 15.3 12.4 18.6

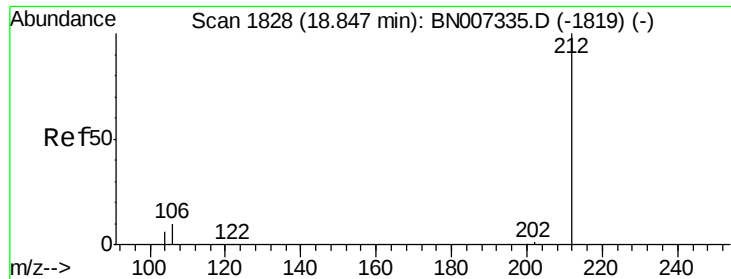


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

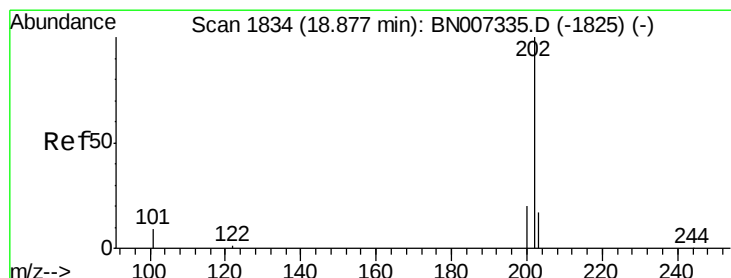
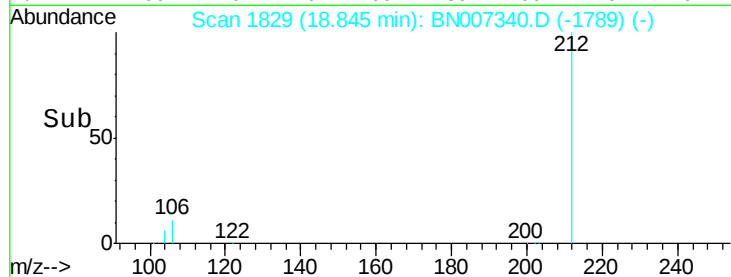
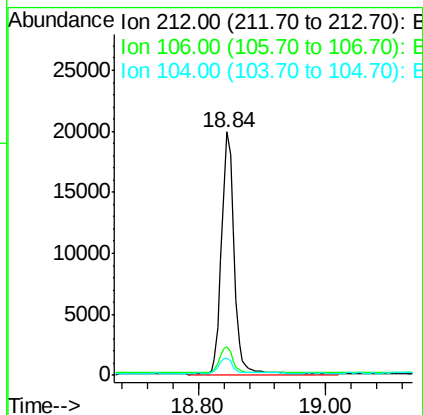
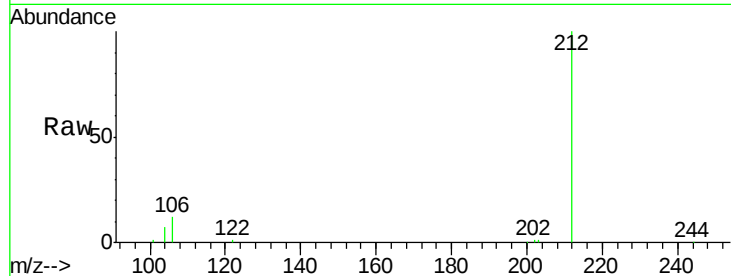




#25
 Fluoranthene-d10
 Concen: 0.420 ng
 RT: 18.84 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BN007340.D
 Acq: 23 Aug 2019 23:13

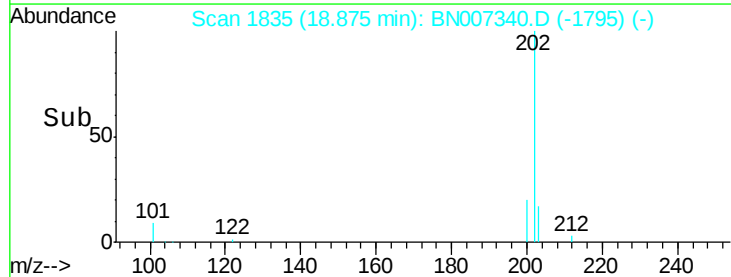
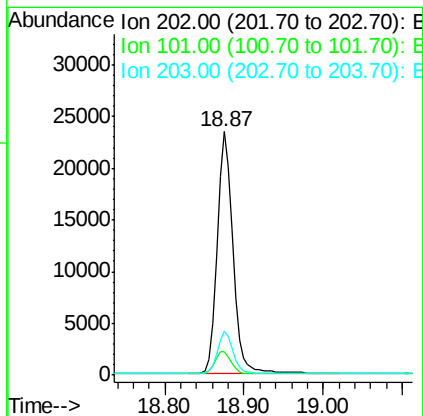
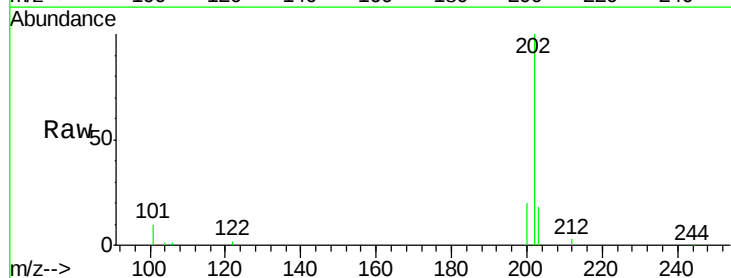
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN082319

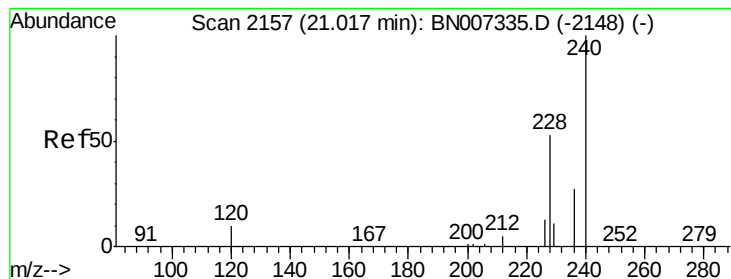
Tot Ion:212 Resp: 28141
 Ion Ratio Lower Upper
 212 100
 106 11.2 9.0 13.4
 104 6.8 5.4 8.2



#26
 Fluoranthene
 Concen: 0.413 ng
 RT: 18.87 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BN007340.D
 Acq: 23 Aug 2019 23:13

Tgt Ion:202 Resp: 33198
 Ion Ratio Lower Upper
 202 100
 101 9.8 7.7 11.5
 203 17.1 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

ICVBN082319

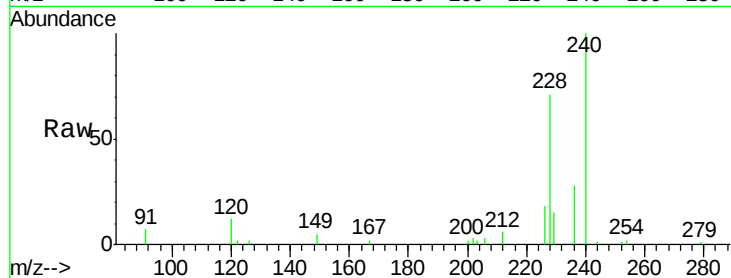
Tot Ion:240 Resp: 20481

Ion Ratio Lower Upper

240 100

120 12.3 9.6 14.4

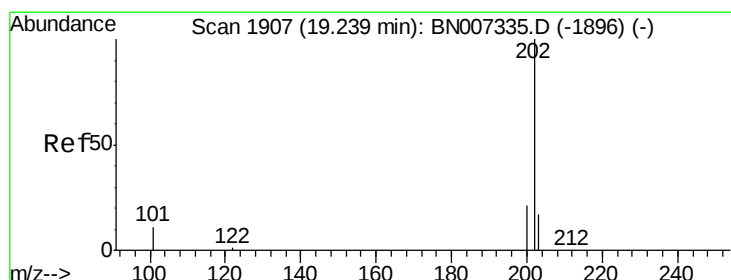
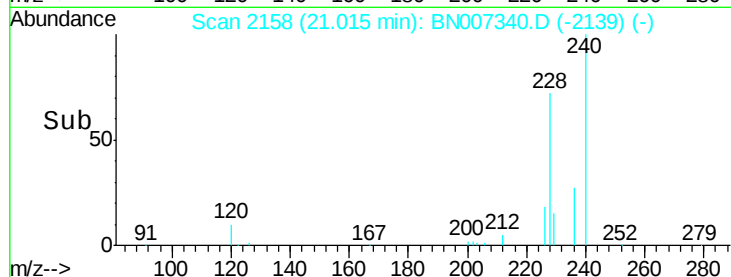
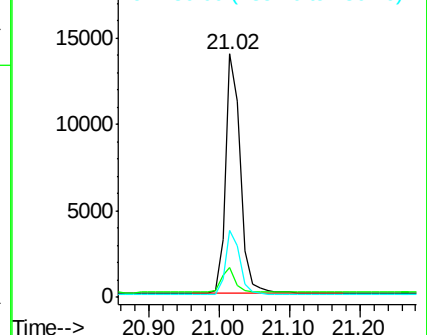
236 27.7 22.2 33.2



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: 0.418 ng

RT: 19.24 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

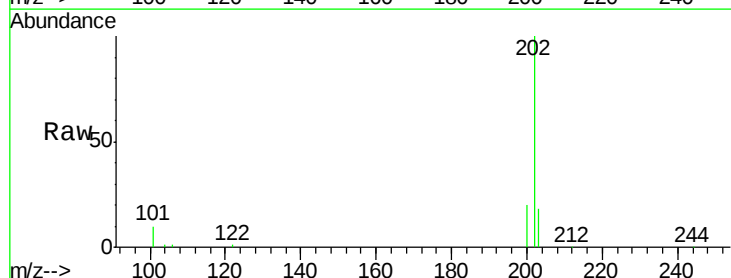
Tgt Ion:202 Resp: 34472

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

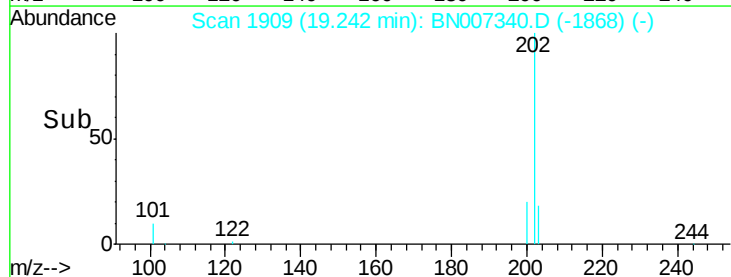
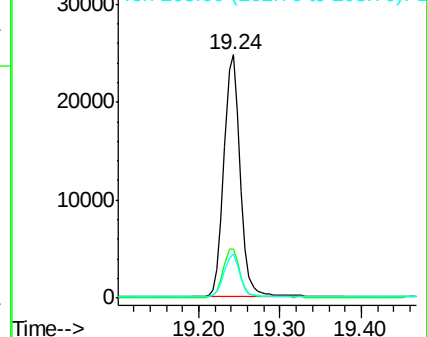
203 17.7 14.2 21.4



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: 0.416 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

ICVBN082319

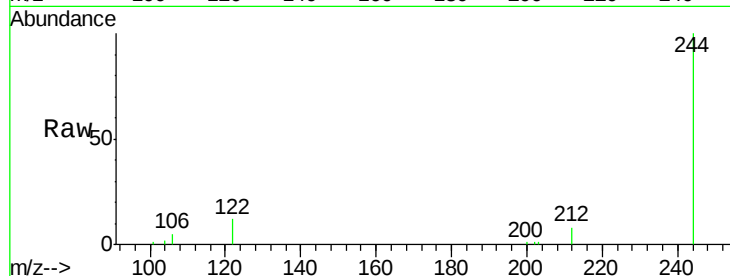
Tot Ion:244 Resp: 22290

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

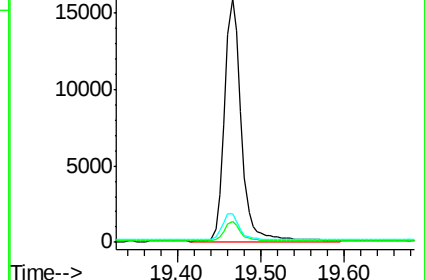
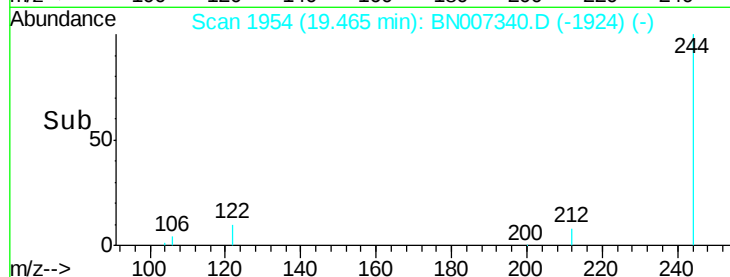
122 11.6 9.6 14.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.406 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

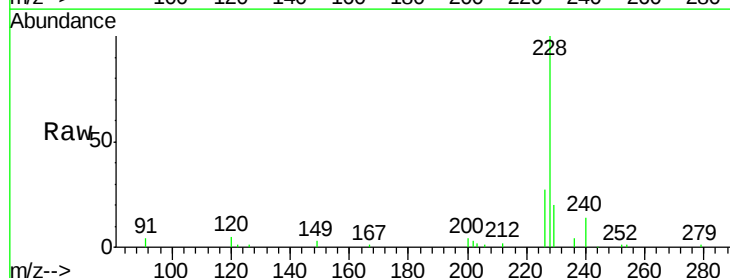
Tgt Ion:228 Resp: 32618

Ion Ratio Lower Upper

228 100

226 26.7 21.3 31.9

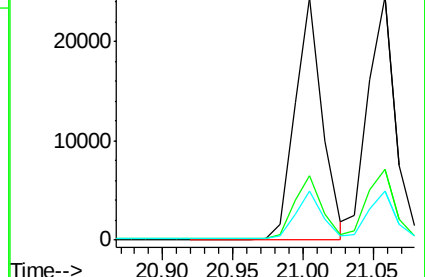
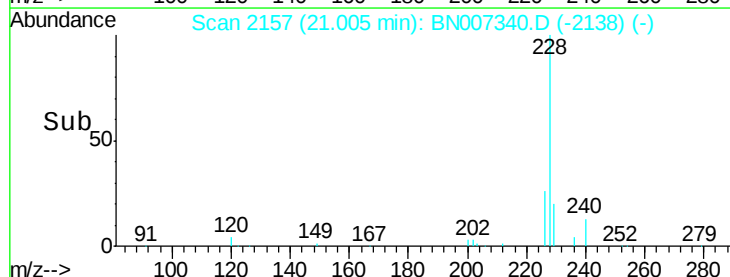
229 20.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.428 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

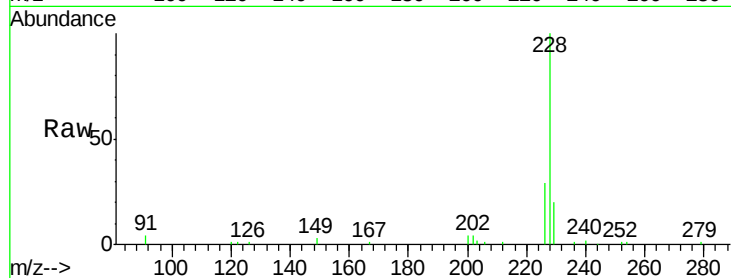
BNA_N

ClientSampleId :

ICVBN082319

Tot Ion:228 Resp: 33254

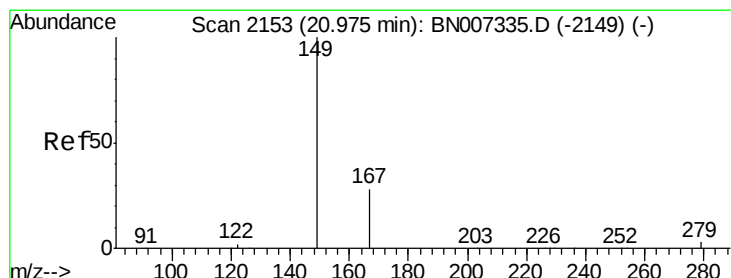
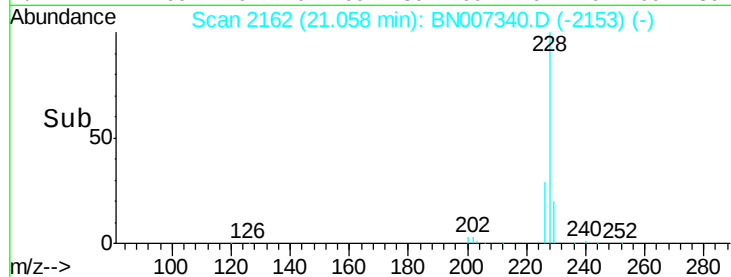
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.5	35.3
229	20.2	16.6	24.8



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: 20.97 min Scan# 2154

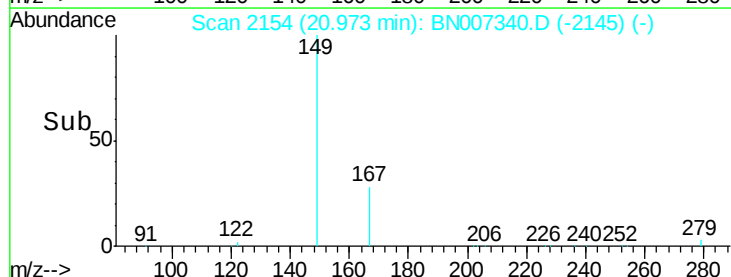
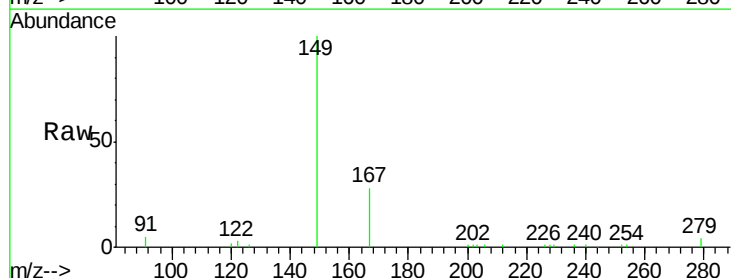
Delta R.T. -0.00 min

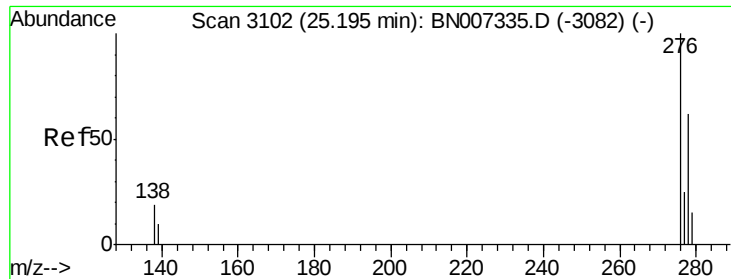
Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Tgt Ion:149 Resp: 22222

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	4.4	3.5	5.3

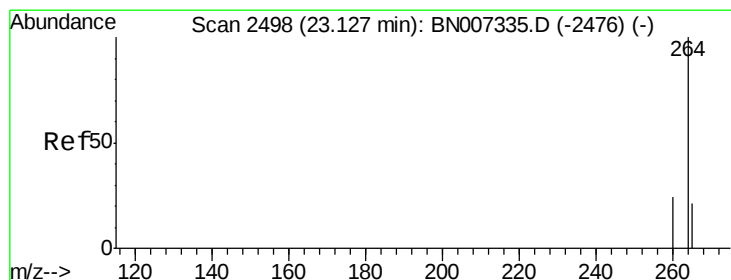
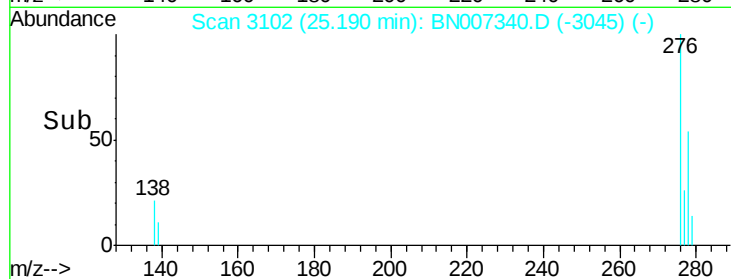
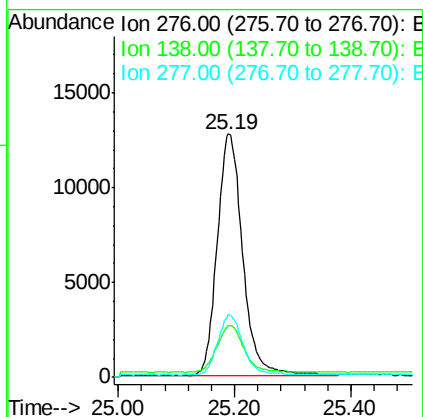
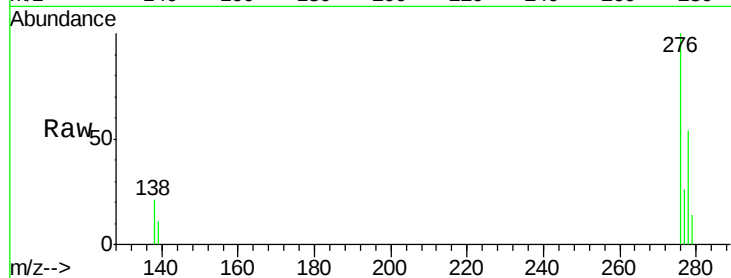




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.415 ng
 RT: 25.19 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BN007340.D
 Acq: 23 Aug 2019 23:13

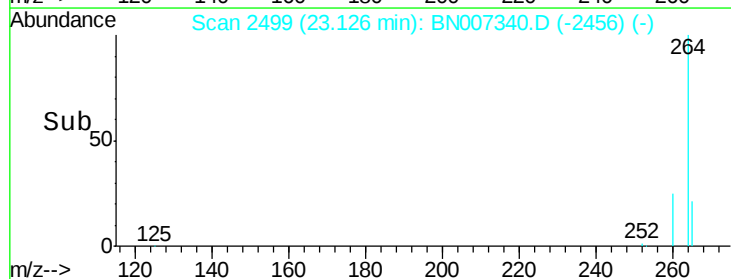
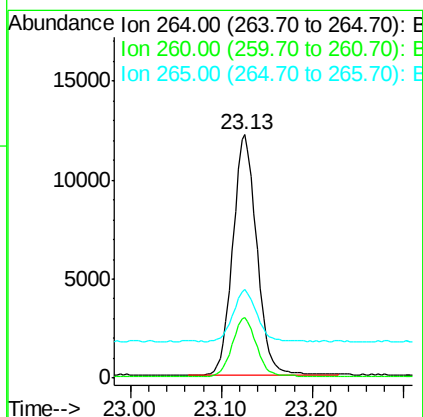
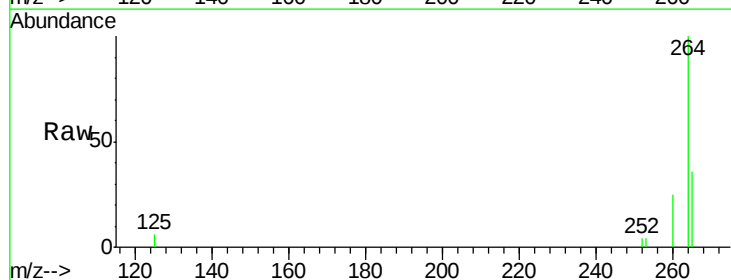
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN082319

Tot Ion:276 Resp: 38788
 Ion Ratio Lower Upper
 276 100
 138 19.4 15.1 22.7
 277 24.9 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.13 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BN007340.D
 Acq: 23 Aug 2019 23:13

Tgt Ion:264 Resp: 22286
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 36.4 29.9 44.9

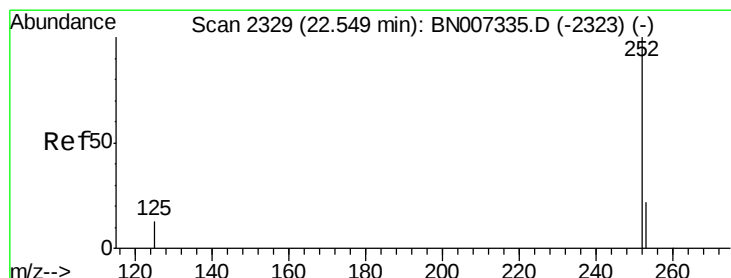
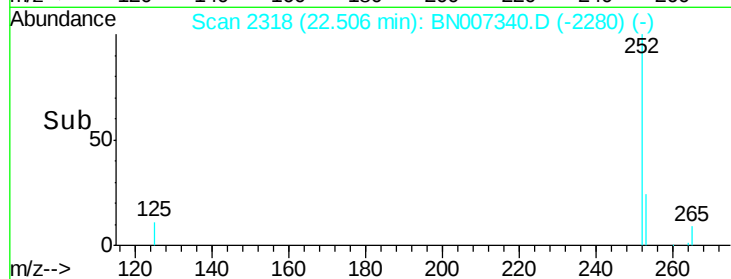
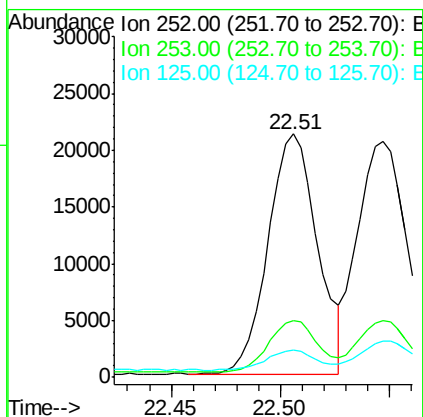
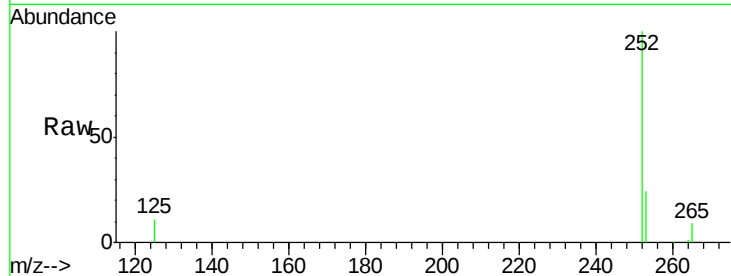




#35
Benzo(b)fluoranthene
Concen: 0.413 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

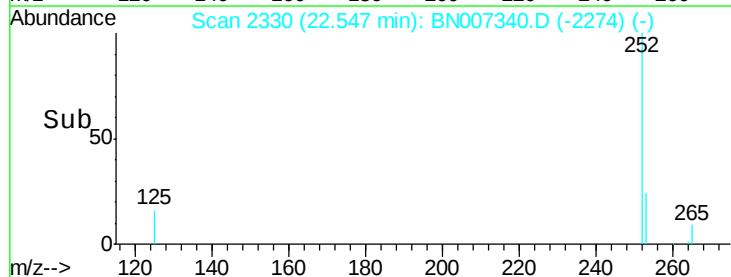
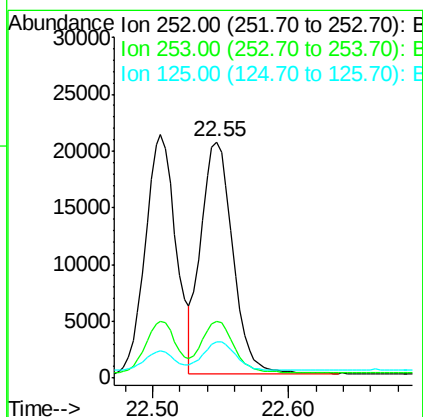
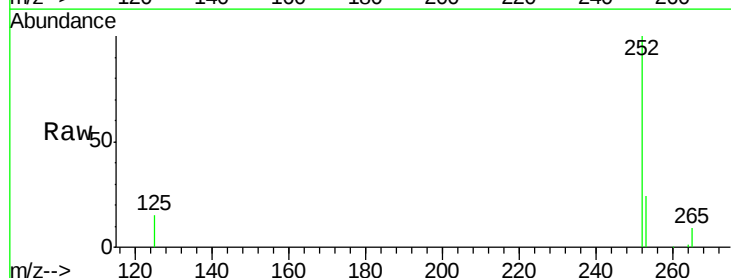
Instrument :
BNA_N
ClientSampleId :
ICVBN082319

Tot Ion:252 Resp: 33361
Ion Ratio Lower Upper
252 100
253 23.6 19.2 28.8
125 11.1 10.6 16.0



#36
Benzo(k)fluoranthene
Concen: 0.418 ng
RT: 22.55 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN007340.D
Acq: 23 Aug 2019 23:13

Tgt Ion:252 Resp: 33376
Ion Ratio Lower Upper
252 100
253 23.9 19.4 29.2
125 15.3 13.1 19.7





#37

Benzo(a)pyrene

Concen: 0.413 ng

RT: 23.04 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

ICVBN082319

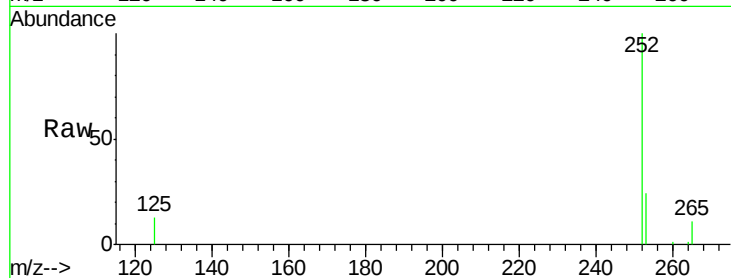
Tot Ion:252 Resp: 31707

Ion Ratio Lower Upper

252 100

253 23.6 19.5 29.3

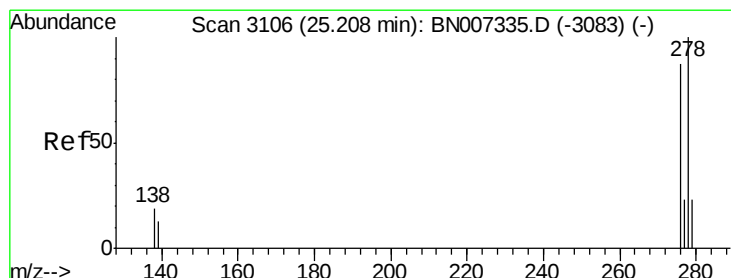
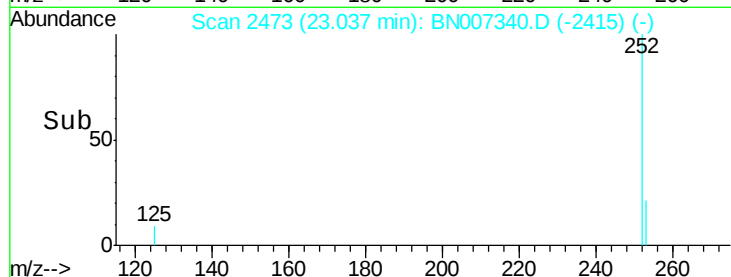
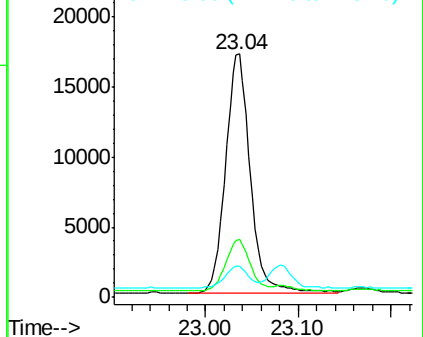
125 13.0 12.1 18.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.412 ng

RT: 25.20 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BN007340.D

Acq: 23 Aug 2019 23:13

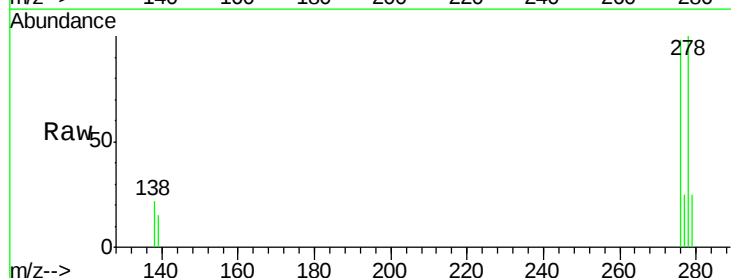
Tgt Ion:278 Resp: 31577

Ion Ratio Lower Upper

278 100

139 15.3 13.7 20.5

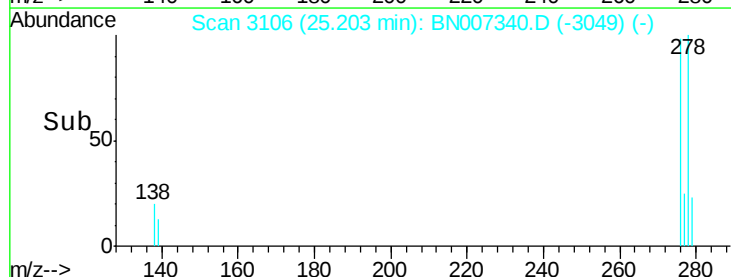
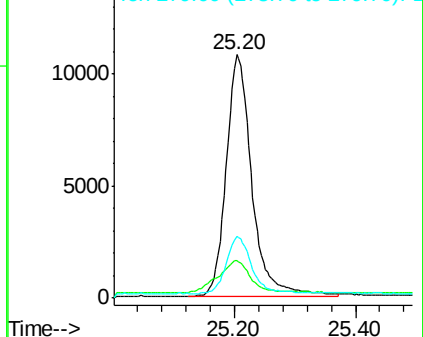
279 25.2 20.2 30.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.409 ng

RT: 25.81 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN007340.D

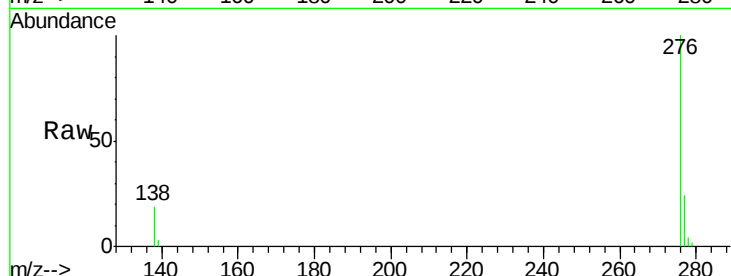
Acq: 23 Aug 2019 23:13

Instrument :

BNA_N

ClientSampleId :

ICVBN082319



Tot Ion: 276 Resp: 31255

Ion Ratio Lower Upper

276 100

277 24.4 19.6 29.4

138 18.9 16.3 24.5

