

Data File : BN007335.D
Acq On : 23 Aug 2019 20:14
Operator : HP/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 24 00:16:43 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 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3736	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	15381	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	8374	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	19358	0.40	ng	0.00
27) Chrysene-d12	21.02	240	19308	0.40	ng	0.00
34) Perylene-d12	23.13	264	21022	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	5274	0.45	ng	0.00
5) Phenol-d6	6.59	99	6352	0.42	ng	0.00
8) Nitrobenzene-d5	8.53	82	5121	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	10368	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	1720	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	13817	0.39	ng	0.00
25) Fluoranthene-d10	18.85	212	25777	0.42	ng	0.00
29) Terphenyl-d14	19.47	244	20900	0.43	ng	0.00

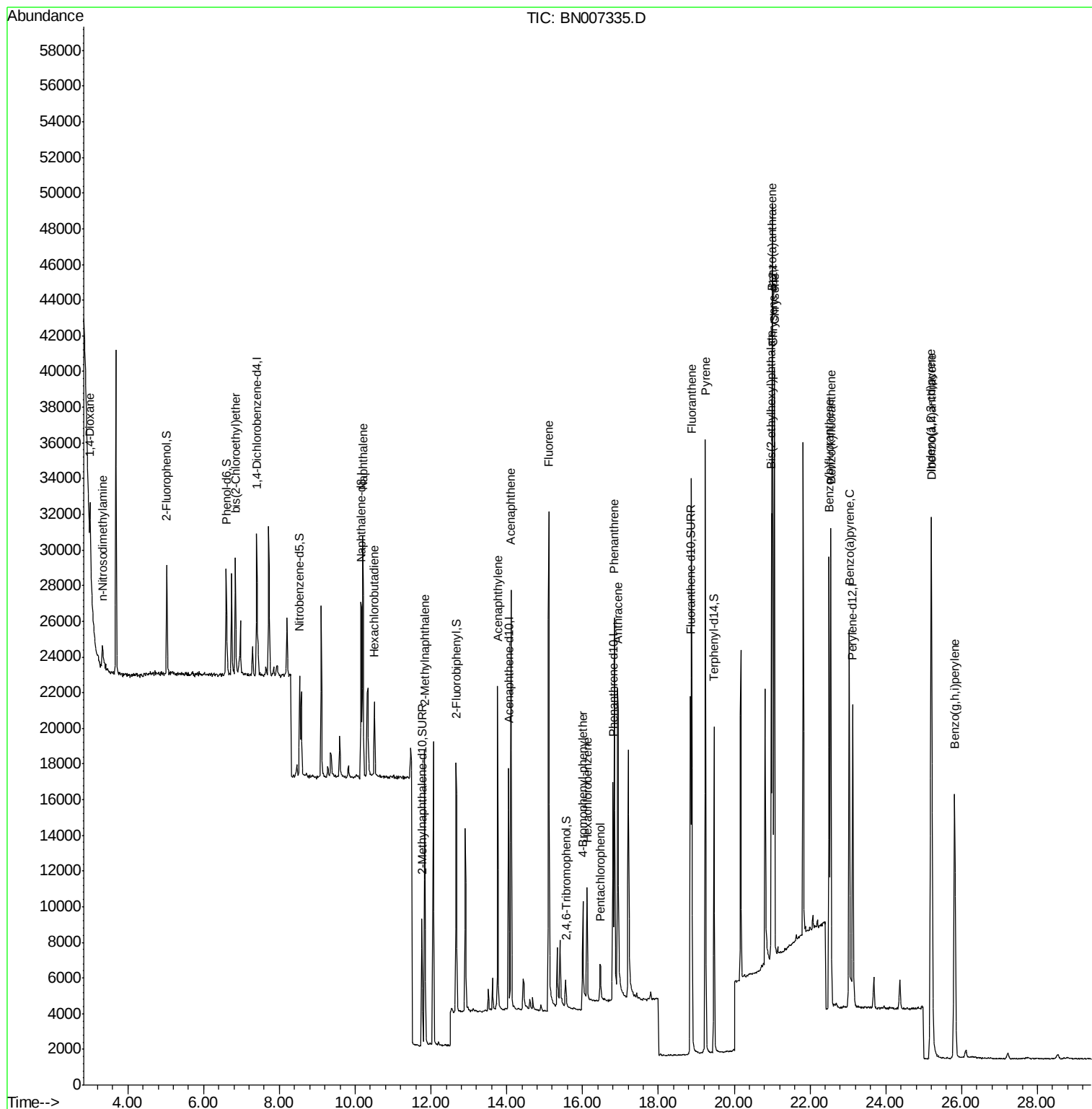
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	2578	0.469	ng	# 92
3) n-Nitrosodimethylamine	3.33	42	1196	0.343	ng	100
6) bis(2-Chloroethyl)ether	6.84	93	5353	0.472	ng	100
9) Naphthalene	10.20	128	18040	0.414	ng	100
10) Hexachlorobutadiene	10.51	225	3749	0.395	ng	# 100
12) 2-Methylnaphthalene	11.84	142	12337	0.409	ng	100
16) Acenaphthylene	13.76	152	20067	0.443	ng	100
17) Acenaphthene	14.11	154	11858	0.418	ng	100
18) Fluorene	15.11	166	14993	0.406	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	2646	0.247	ng	100
21) Hexachlorobenzene	16.12	284	5249	0.410	ng	100
22) Pentachlorophenol	16.47	266	1510	0.301	ng	100
23) Phenanthrene	16.84	178	23368	0.388	ng	100
24) Anthracene	16.93	178	23619	0.427	ng	100
26) Fluoranthene	18.88	202	30748	0.416	ng	100
28) Pyrene	19.24	202	31803	0.436	ng	100
30) Benzo(a)anthracene	21.01	228	30847	0.425	ng	100
31) Chrysene	21.06	228	30545	0.416	ng	100
32) Bis(2-ethylhexyl)phthalate	20.97	149	21498	0.656	ng	100
33) Indeno(1,2,3-cd)pyrene	25.19	276	36550	0.414	ng	100
35) Benzo(b)fluoranthene	22.51	252	31221	0.399	ng	100
36) Benzo(k)fluoranthene	22.55	252	31349	0.410	ng	100
37) Benzo(a)pyrene	23.04	252	29884	0.420	ng	100
38) Dibenzo(a,h)anthracene	25.21	278	29945	0.405	ng	100
39) Benzo(g,h,i)perylene	25.82	276	29782	0.399	ng	100

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

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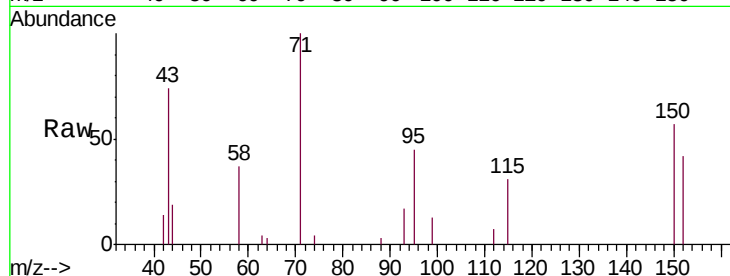


#1

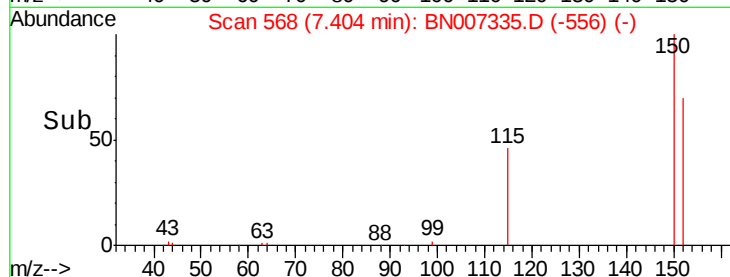
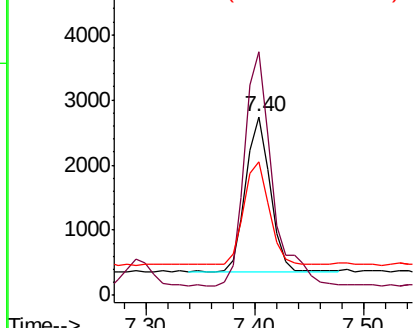
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. 0.00 min
Lab File: BN007335.D
Acq: 23 Aug 2019 20:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 3736
Ion Ratio Lower Upper
152 100
150 136.4 109.1 163.7
115 74.5 59.6 89.4



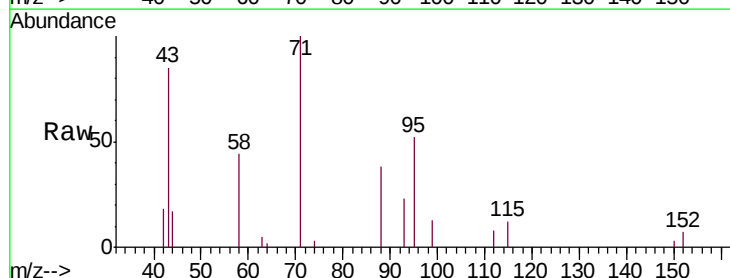
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



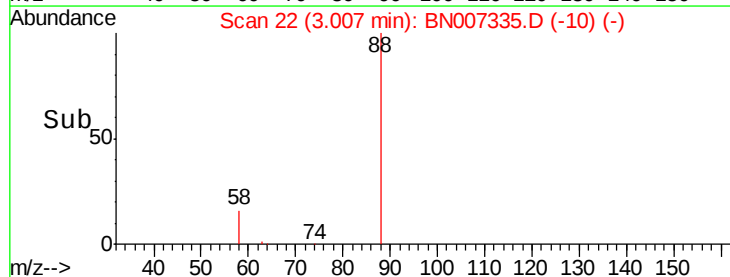
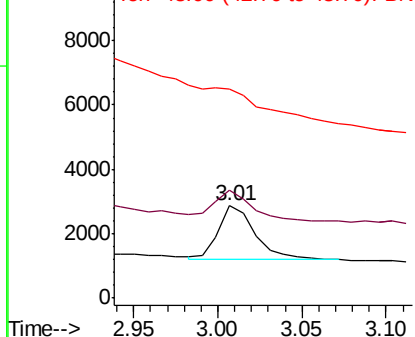
#2

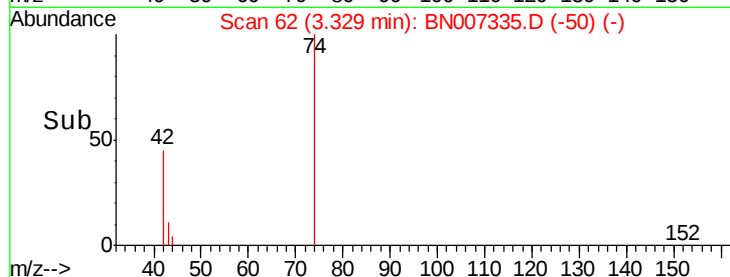
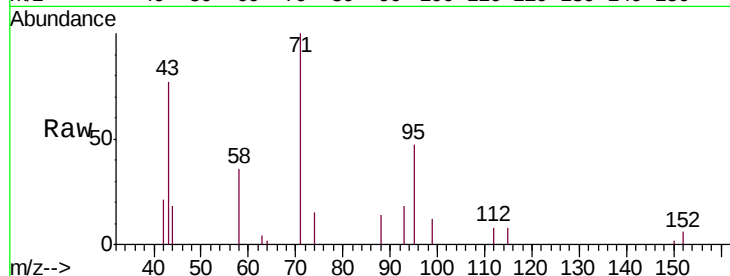
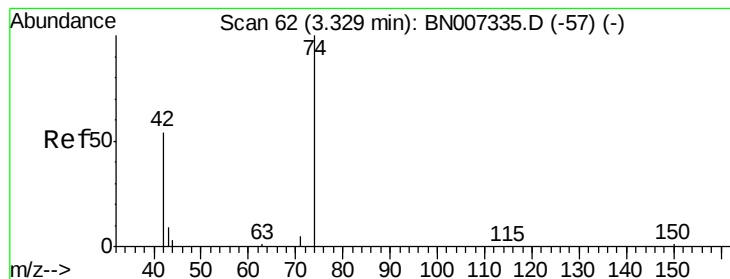
1,4-Dioxane
Concen: 0.469 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007335.D
Acq: 23 Aug 2019 20:14

Tgt Ion: 88 Resp: 2578
Ion Ratio Lower Upper
88 100
58 56.9 50.5 75.7
43 0.0 0.0 0.0



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: 0.343 ng

RT: 3.33 min Scan# 62

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

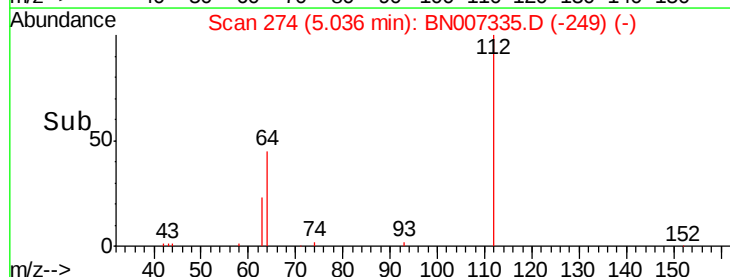
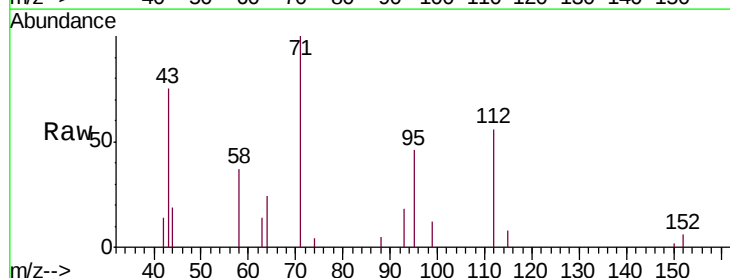
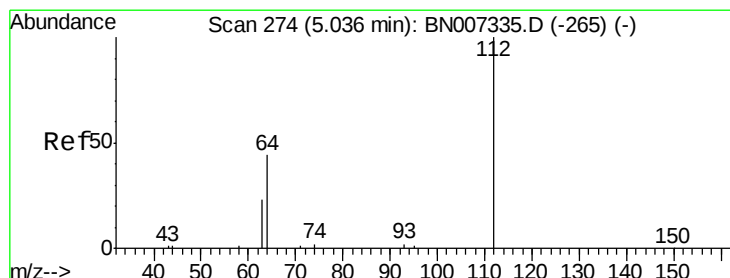
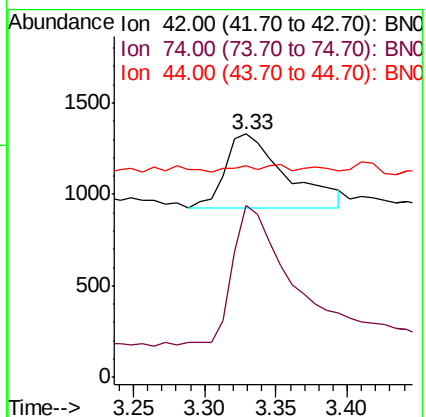
Tgt Ion: 42 Resp: 1196

Ion Ratio Lower Upper

42 100

74 180.9 144.7 217.1

44 4.0 3.2 4.8



#4

2-Fluorophenol

Concen: 0.448 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

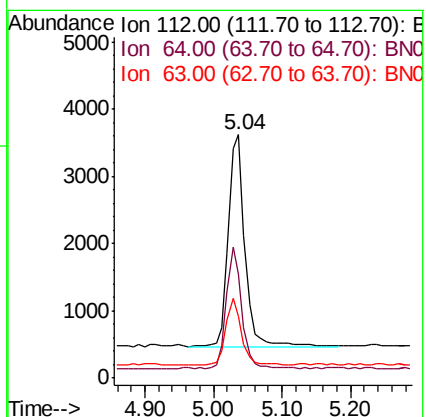
Tgt Ion: 112 Resp: 5274

Ion Ratio Lower Upper

112 100

64 52.9 42.3 63.5

63 29.5 23.6 35.4





#5

Phenol-d6

Concen: 0.420 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

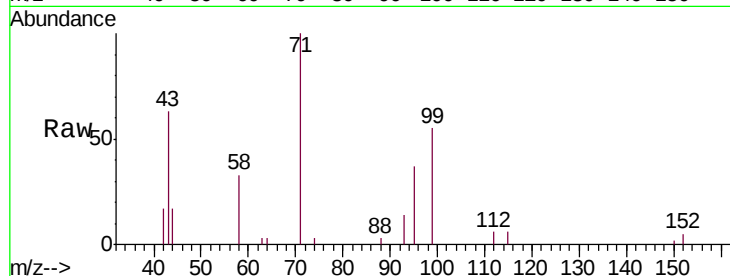
Tgt Ion: 99 Resp: 6352

Ion Ratio Lower Upper

99 100

42 14.0 11.2 16.8

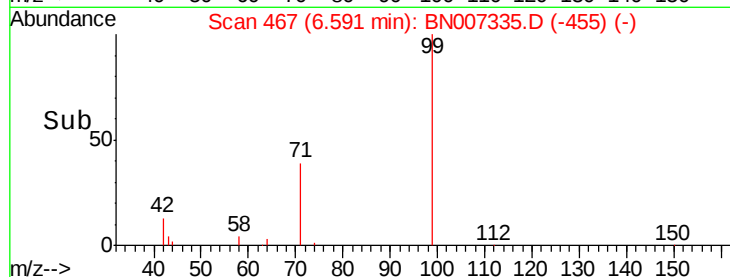
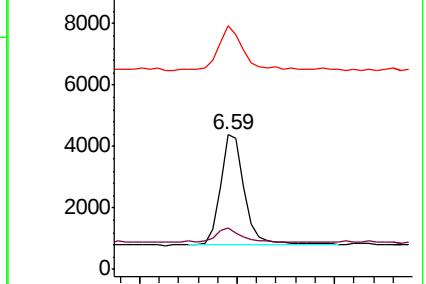
71 39.8 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007335.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007335.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007335.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.472 ng

RT: 6.84 min Scan# 498

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

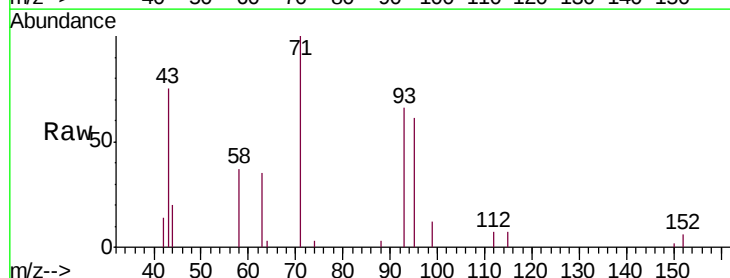
Tgt Ion: 93 Resp: 5353

Ion Ratio Lower Upper

93 100

63 64.9 51.9 77.9

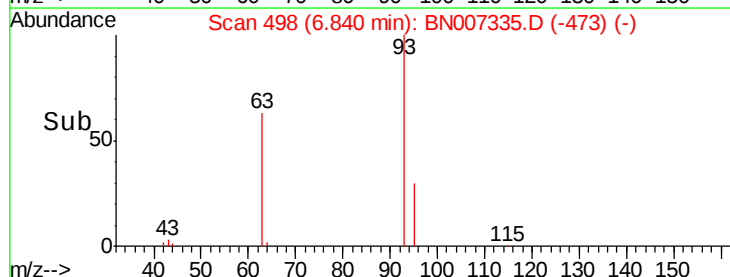
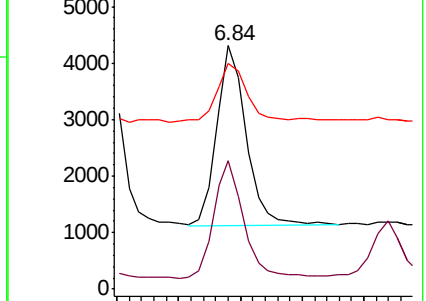
95 34.6 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007335.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007335.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007335.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion: 136 Resp: 15381

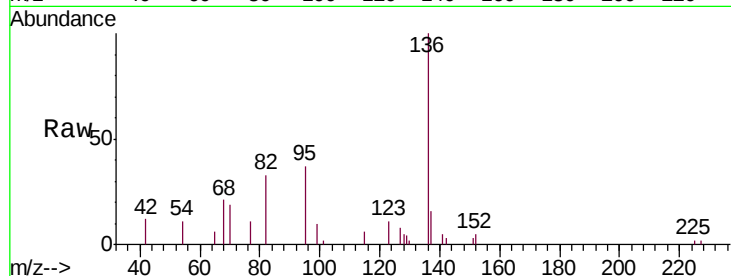
Ion Ratio Lower Upper

136 100

137 16.1 12.9 19.3

54 10.7 8.6 12.8

68 21.2 17.0 25.4

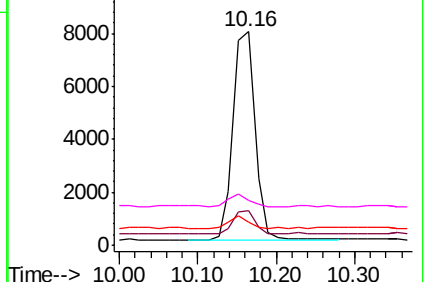
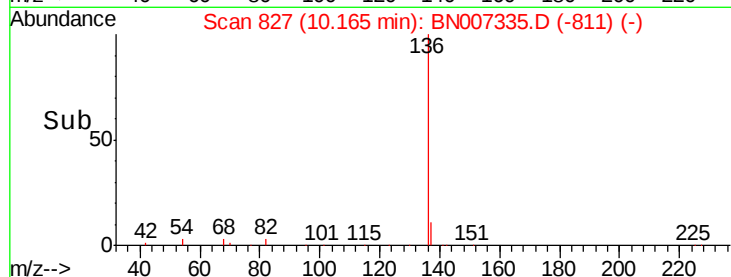


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.430 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

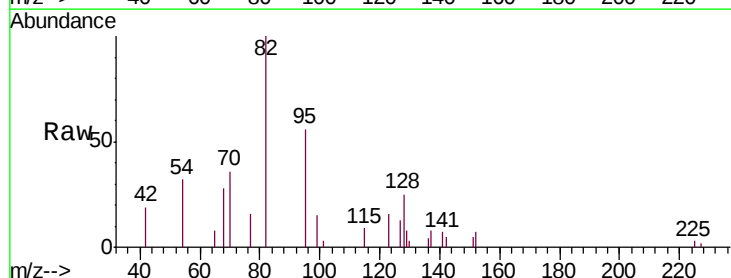
Tgt Ion: 82 Resp: 5121

Ion Ratio Lower Upper

82 100

128 24.6 19.7 29.5

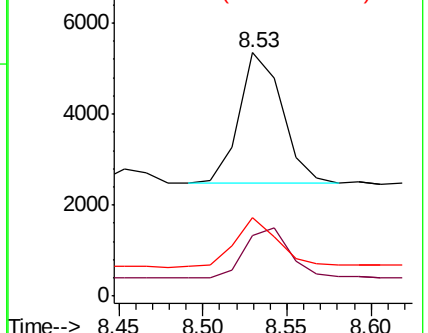
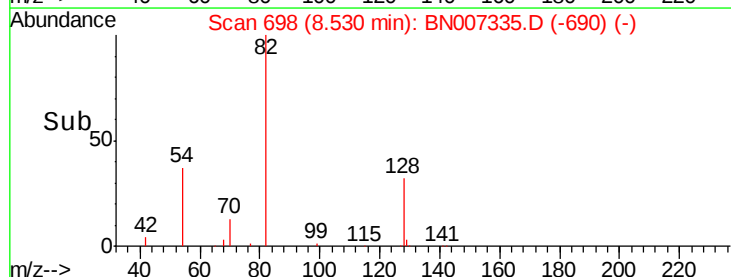
54 32.2 25.8 38.6

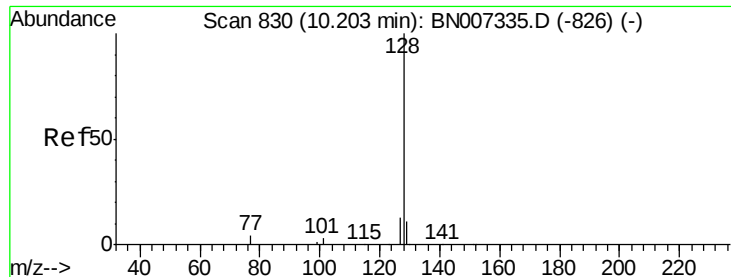


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

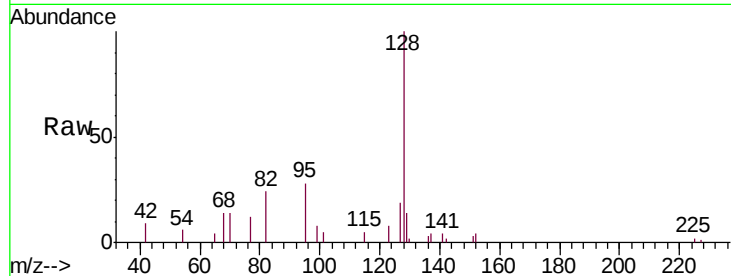




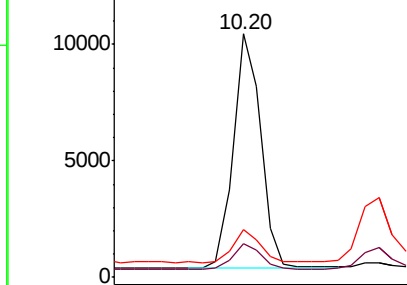
#9
Naphthalene
Concen: 0.414 ng
RT: 10.20 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN007335.D
Acq: 23 Aug 2019 20:14

Instrument :
BNA_N
ClientSampleId :
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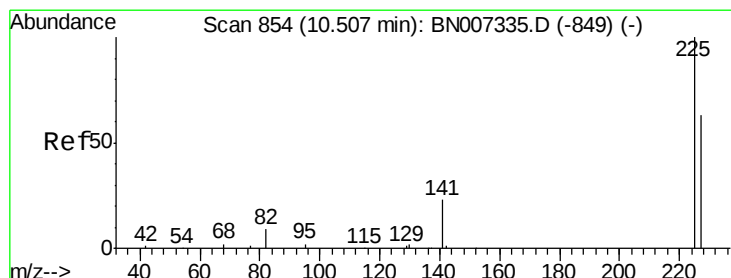
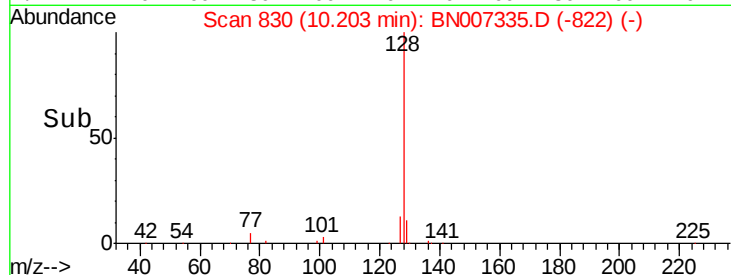
Tgt Ion:128 Resp: 18040
Ion Ratio Lower Upper
128 100
129 13.9 11.1 16.7
127 19.4 15.5 23.3



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

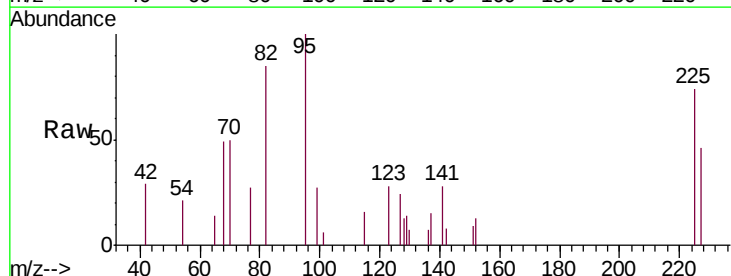


Time-->

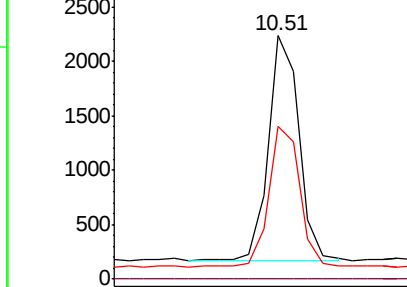


#10
Hexachlorobutadiene
Concen: 0.395 ng
RT: 10.51 min Scan# 854
Delta R.T. 0.00 min
Lab File: BN007335.D
Acq: 23 Aug 2019 20:14

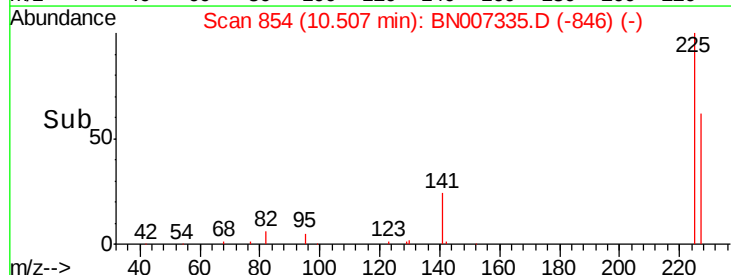
Tgt Ion:225 Resp: 3749
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.5 50.7 76.1



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



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 11.76 min Scan# 990

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

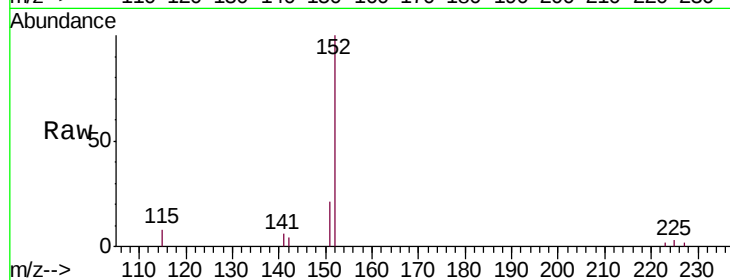
SSTDICCC0.4

Tgt Ion:152 Resp: 10368

Ion Ratio Lower Upper

152 100

151 20.2 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

6000

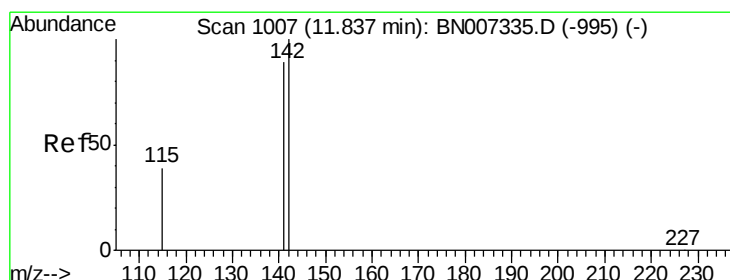
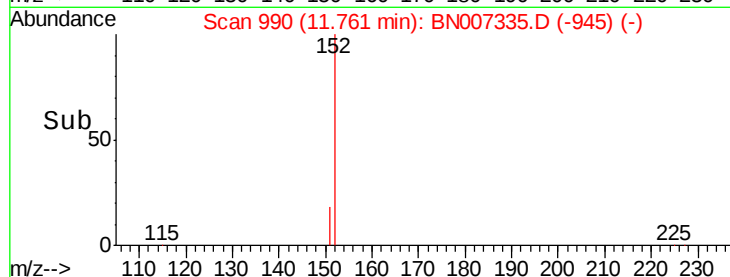
4000

2000

0

11.70 11.80

Time-->



#12

2-Methylnaphthalene

Concen: 0.409 ng

RT: 11.84 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

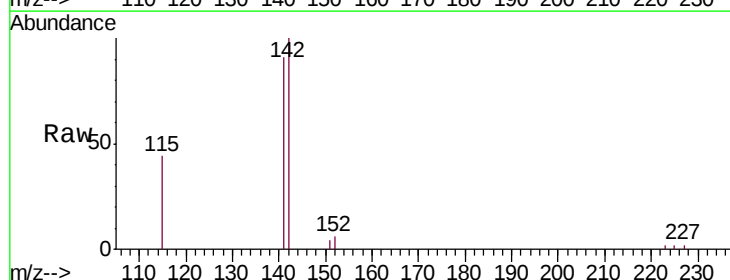
Tgt Ion:142 Resp: 12337

Ion Ratio Lower Upper

142 100

141 91.0 72.8 109.2

115 44.0 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

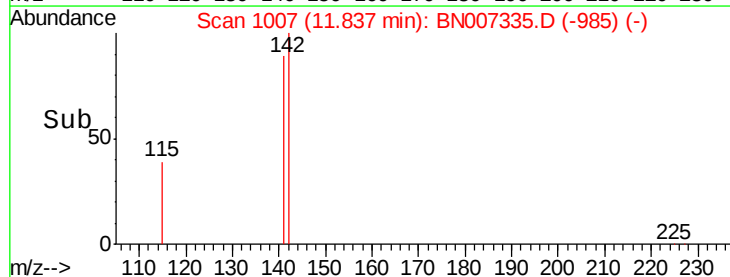
4000

2000

0

11.80 11.90 12.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

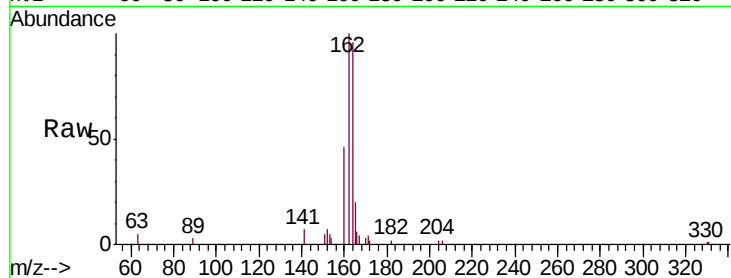
Tgt Ion:164 Resp: 8374

Ion Ratio Lower Upper

164 100

162 104.4 83.5 125.3

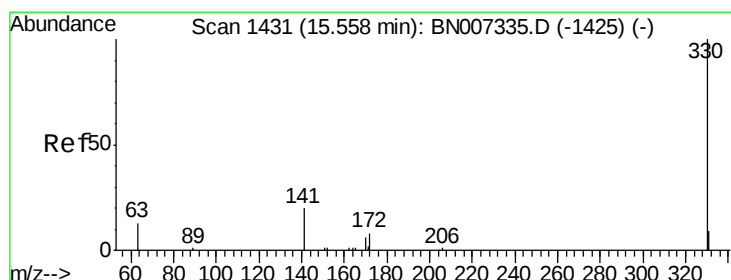
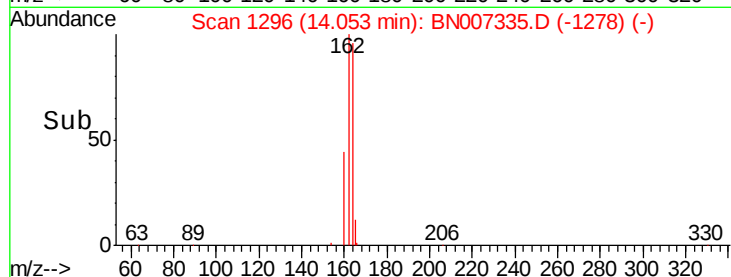
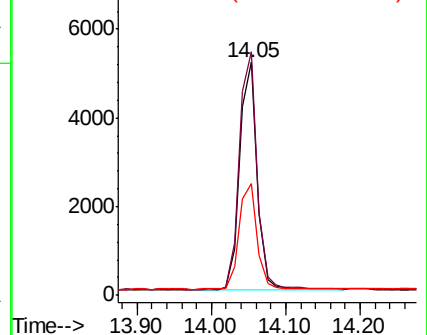
160 47.8 38.2 57.4



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: 0.367 ng

RT: 15.56 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

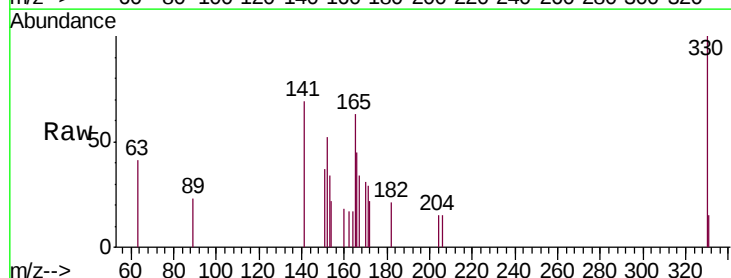
Tgt Ion:330 Resp: 1720

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

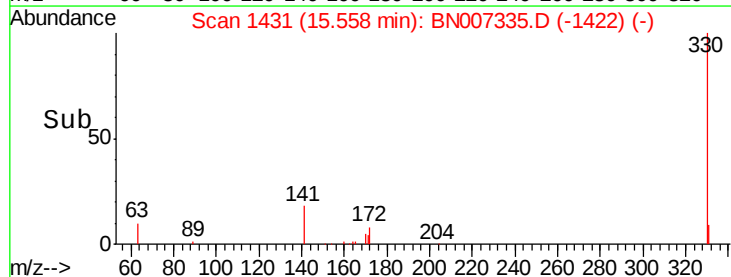
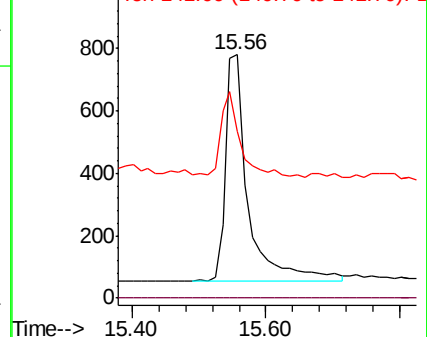
141 33.6 26.9 40.3



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

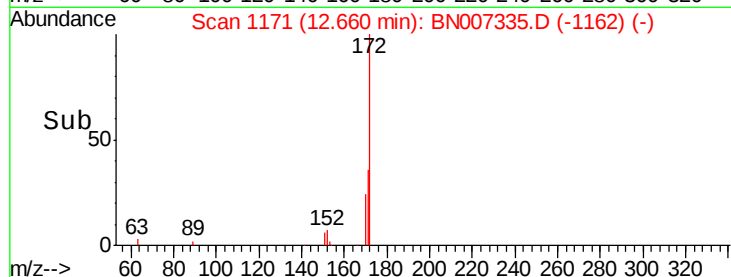
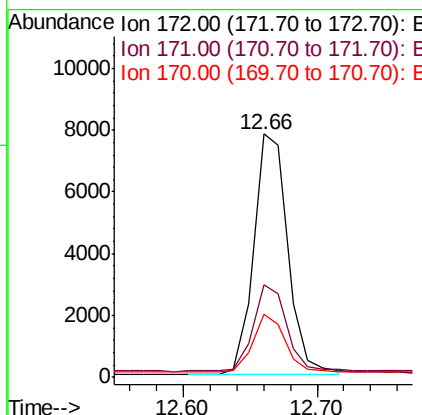
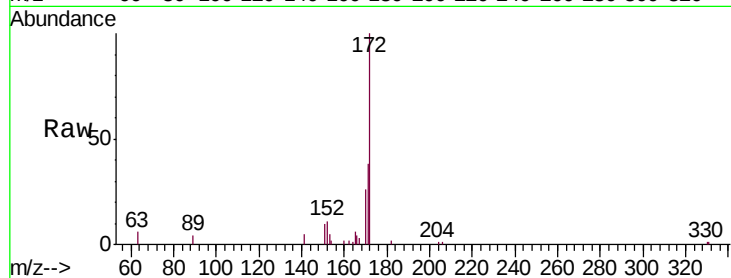




#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007335.D
Acq: 23 Aug 2019 20:14

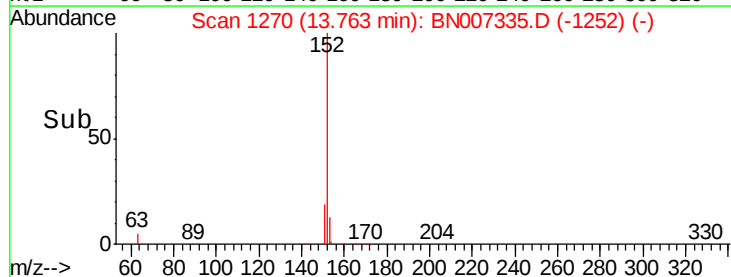
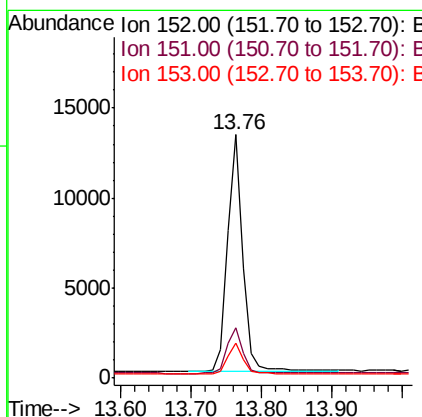
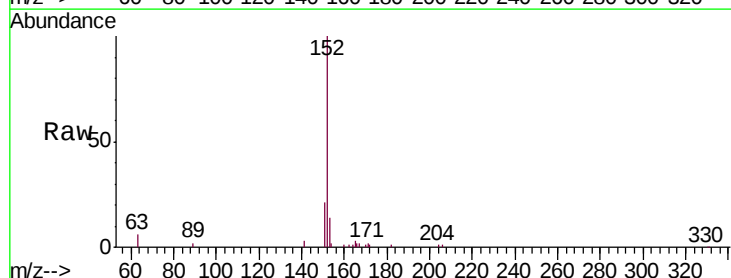
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.3	45.5
170	25.9	20.7	31.1



#16
Acenaphthylene
Concen: 0.443 ng
RT: 13.76 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BN007335.D
Acq: 23 Aug 2019 20:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.3	10.6	15.8

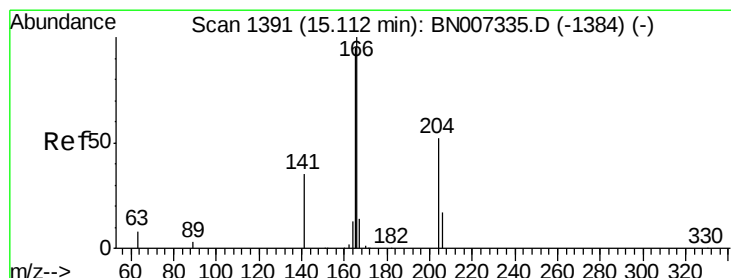
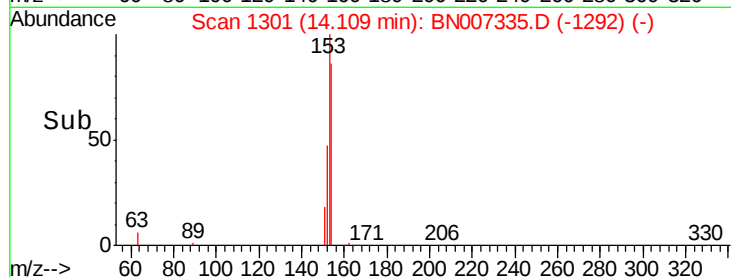
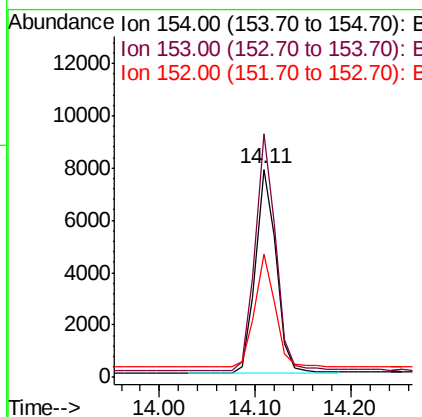
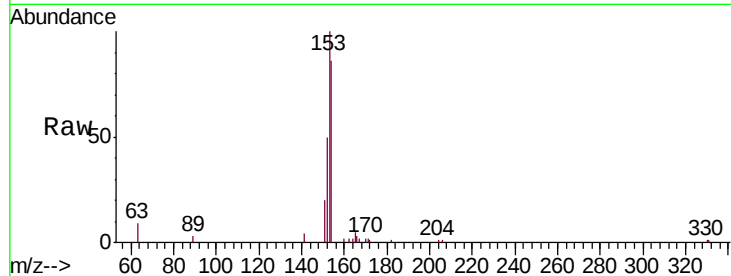




#17
Acenaphthene
Concen: 0.418 ng
RT: 14.11 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BN007335.D
Acq: 23 Aug 2019 20:14

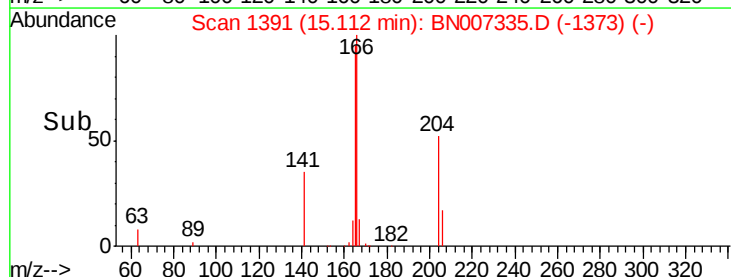
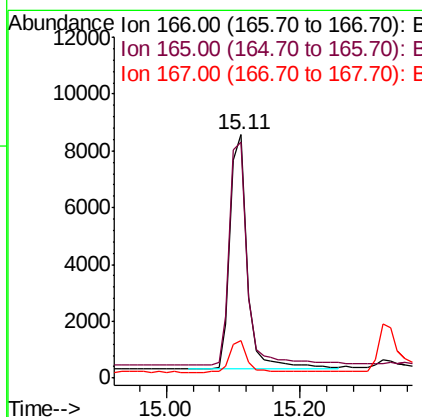
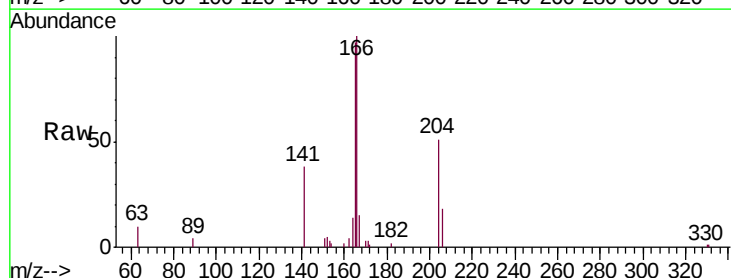
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 11858
Ion Ratio Lower Upper
154 100
153 115.6 92.8 139.2
152 54.7 43.8 65.8



#18
Fluorene
Concen: 0.406 ng
RT: 15.11 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BN007335.D
Acq: 23 Aug 2019 20:14

Tgt Ion:166 Resp: 14993
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.4
167 13.2 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

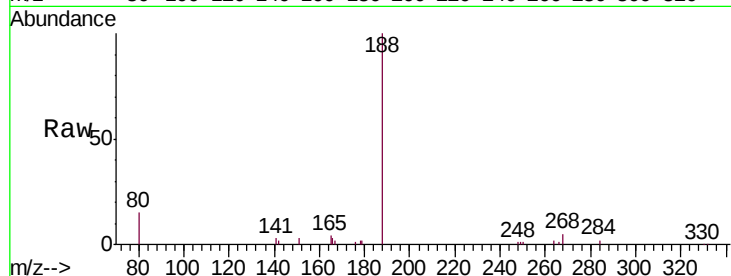
Tgt Ion:188 Resp: 19358

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

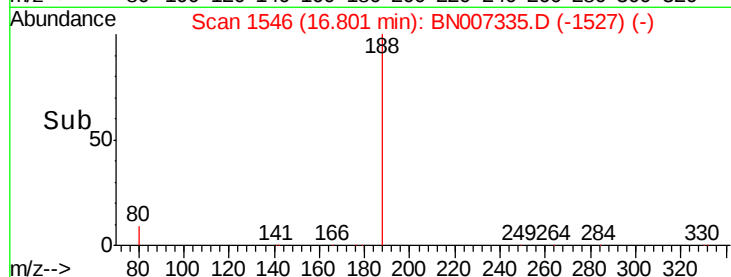
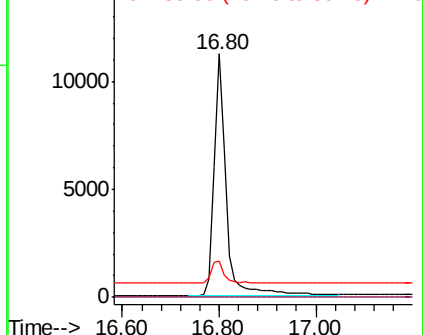
80 14.8 11.8 17.8



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: 0.247 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

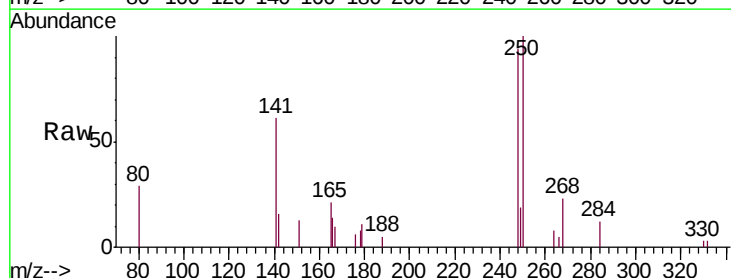
Tgt Ion:248 Resp: 2646

Ion Ratio Lower Upper

248 100

250 106.3 85.0 127.6

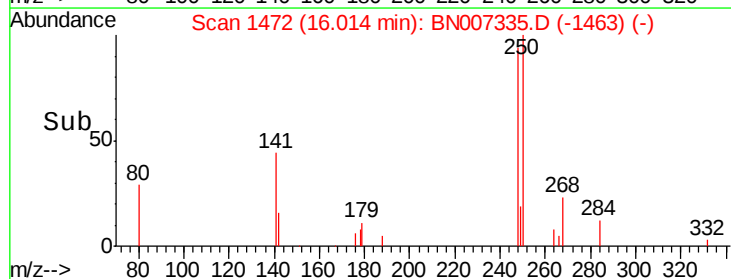
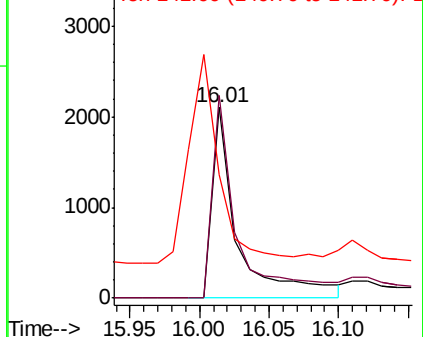
141 64.6 51.7 77.5



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: 0.410 ng

RT: 16.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

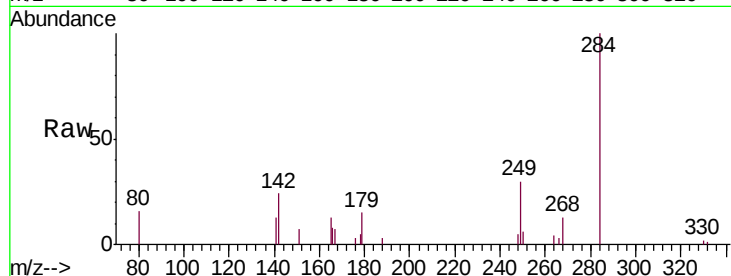
Tgt Ion:284 Resp: 5249

Ion Ratio Lower Upper

284 100

142 36.3 29.0 43.6

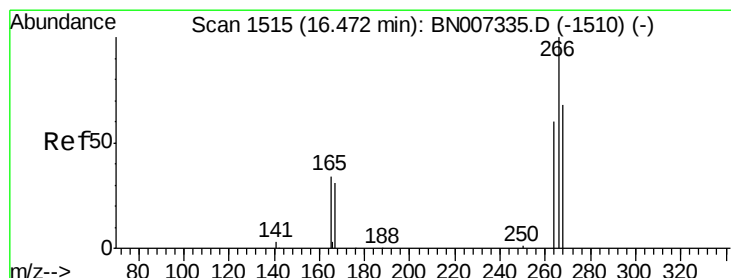
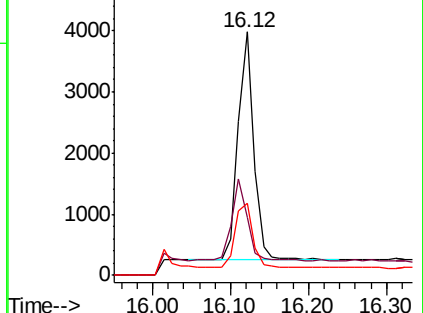
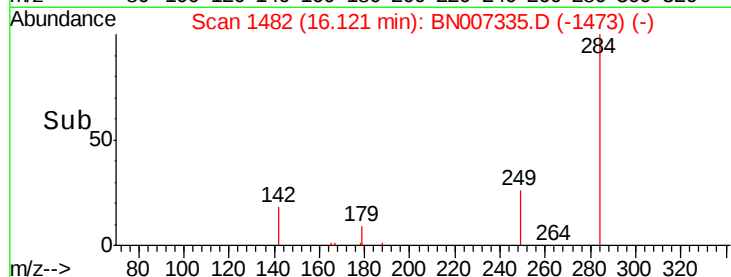
249 31.1 24.9 37.3



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: 0.301 ng

RT: 16.47 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

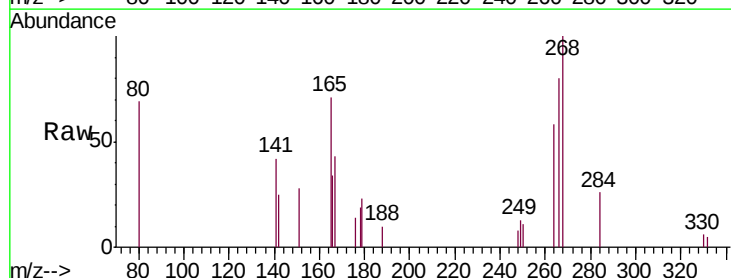
Tgt Ion:266 Resp: 1510

Ion Ratio Lower Upper

266 100

264 72.3 57.8 86.8

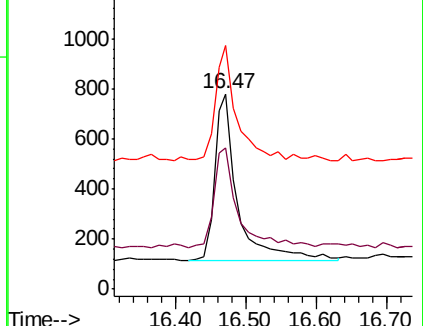
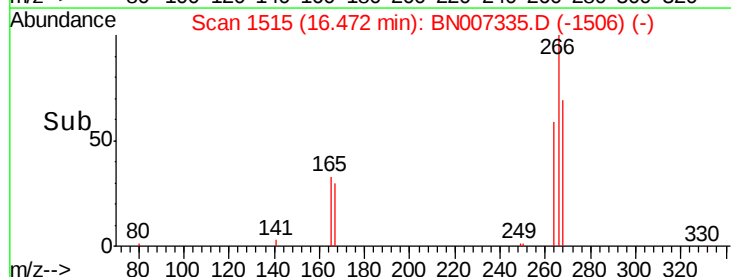
268 124.6 99.7 149.5



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: 0.388 ng

RT: 16.84 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

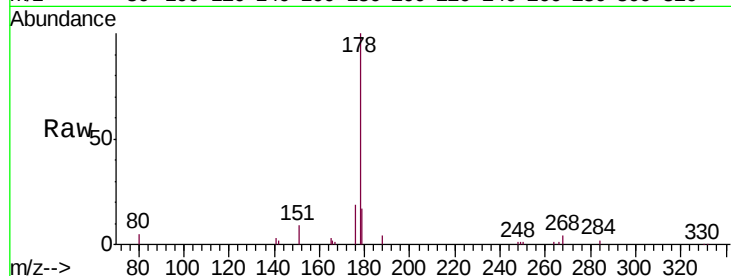
Tgt Ion:178 Resp: 23368

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

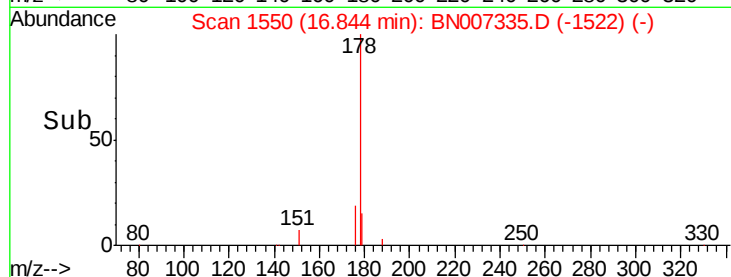
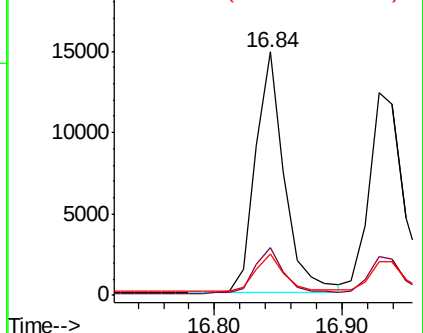
179 15.8 12.6 19.0



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: 0.427 ng

RT: 16.93 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

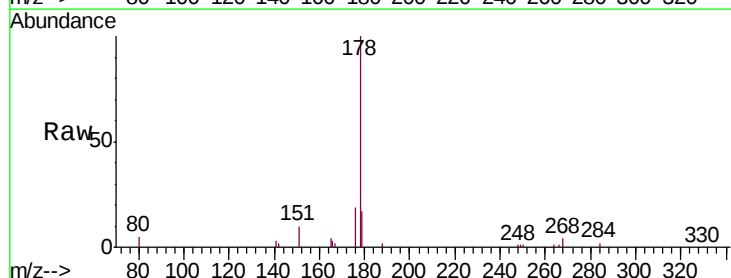
Tgt Ion:178 Resp: 23619

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

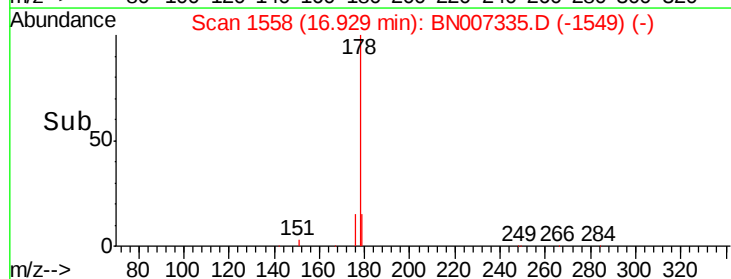
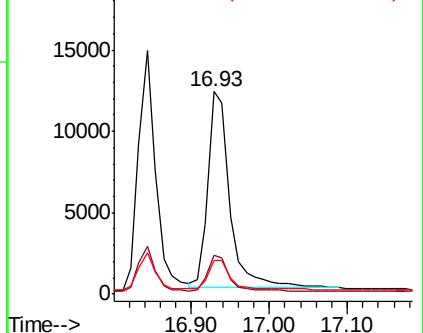
179 15.5 12.4 18.6



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: 0.417 ng

RT: 18.85 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

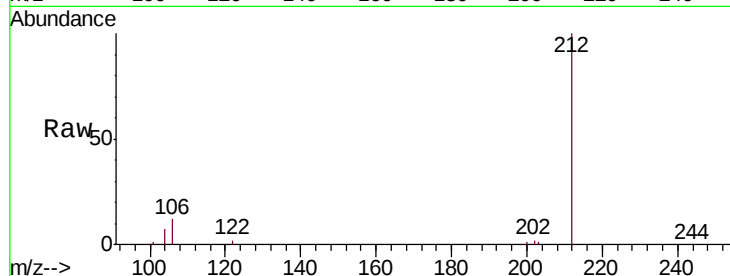
Tgt Ion:212 Resp: 25777

Ion Ratio Lower Upper

212 100

106 11.2 9.0 13.4

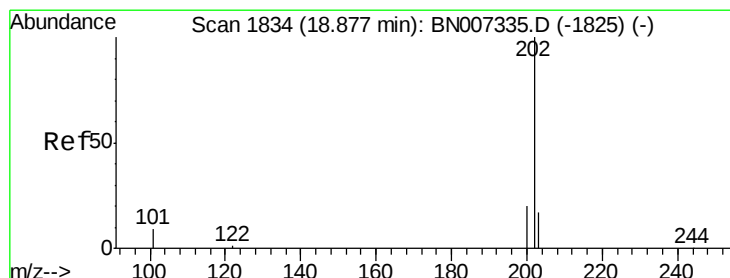
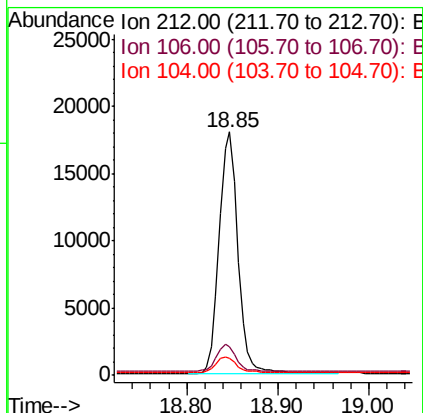
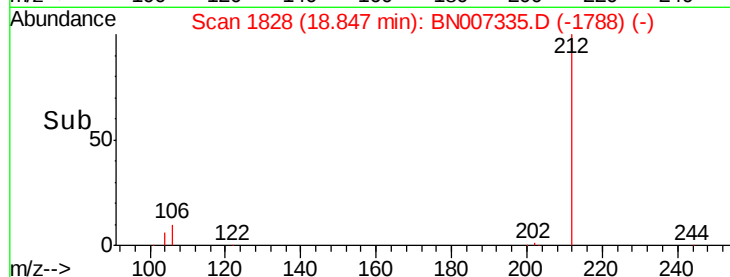
104 6.8 5.4 8.2



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: 0.416 ng

RT: 18.88 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

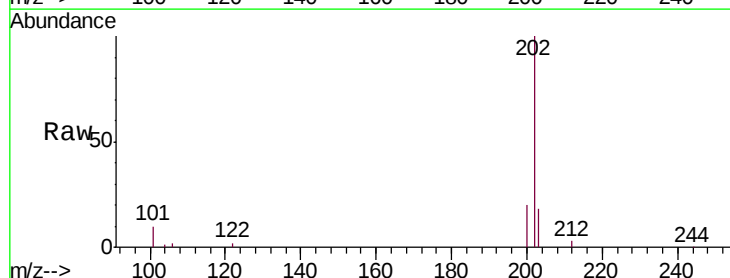
Tgt Ion:202 Resp: 30748

Ion Ratio Lower Upper

202 100

101 9.6 7.7 11.5

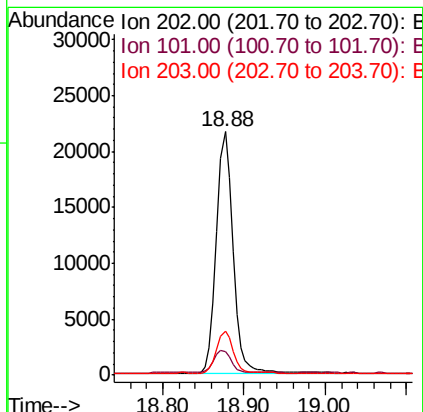
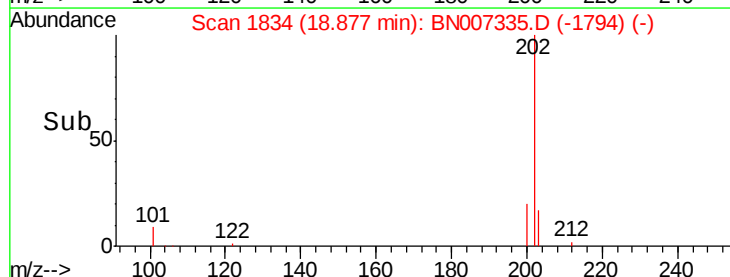
203 17.1 13.7 20.5

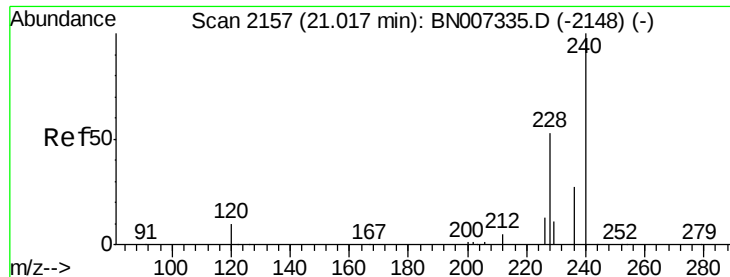


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.02 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

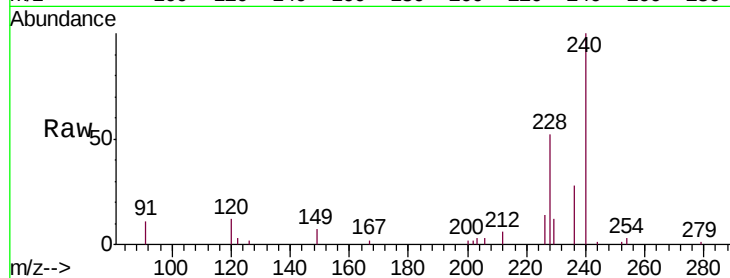
Tgt Ion:240 Resp: 19308

Ion Ratio Lower Upper

240 100

120 12.0 9.6 14.4

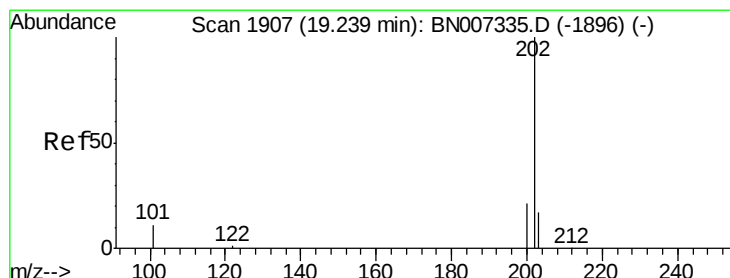
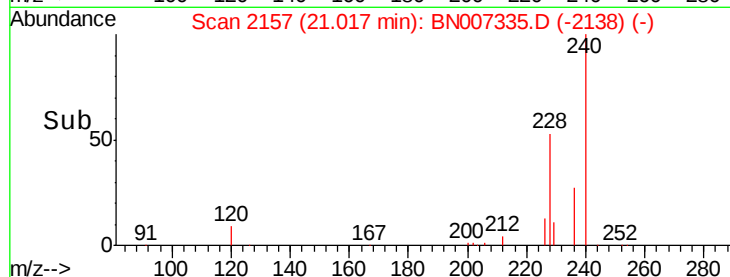
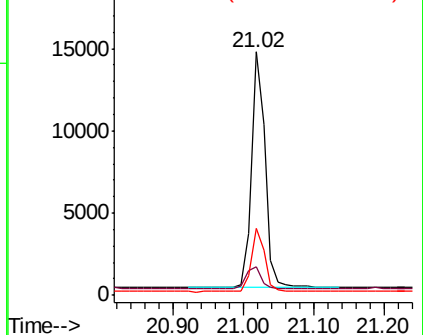
236 27.7 22.2 33.2



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: 0.436 ng

RT: 19.24 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

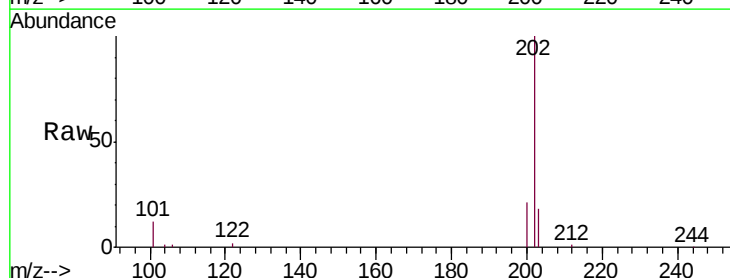
Tgt Ion:202 Resp: 31803

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

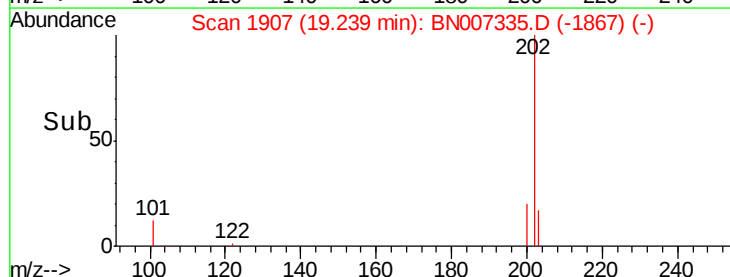
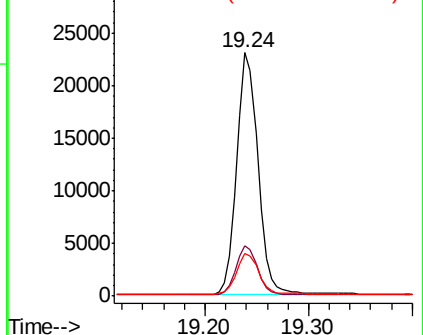
203 17.8 14.2 21.4



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: 0.429 ng

RT: 19.47 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

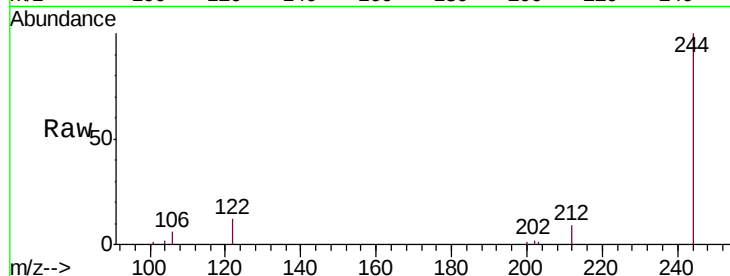
Tgt Ion:244 Resp: 20900

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

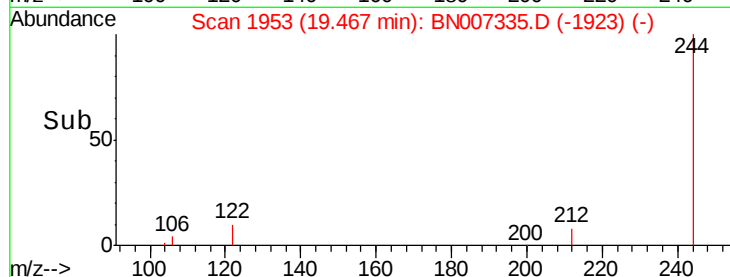
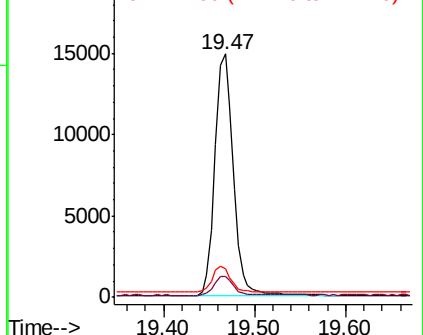
122 12.0 9.6 14.4



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: 0.425 ng

RT: 21.01 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

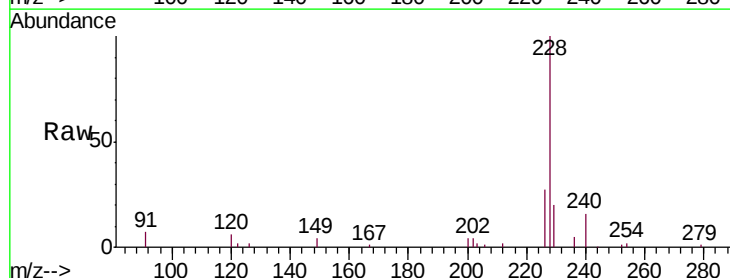
Tgt Ion:228 Resp: 30847

Ion Ratio Lower Upper

228 100

226 26.6 21.3 31.9

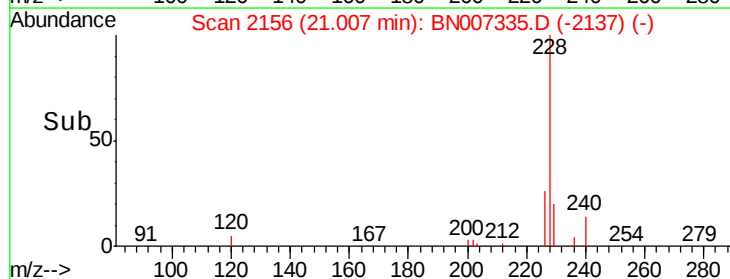
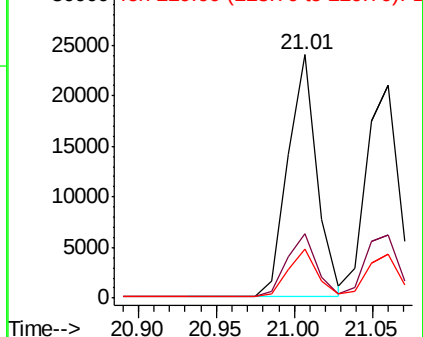
229 20.1 16.1 24.1



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: 0.416 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

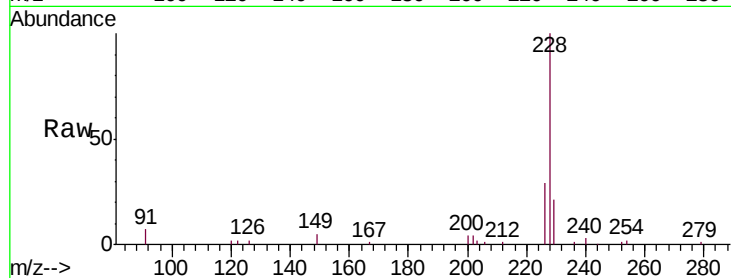
Tgt Ion:228 Resp: 30545

Ion Ratio Lower Upper

228 100

226 29.4 23.5 35.3

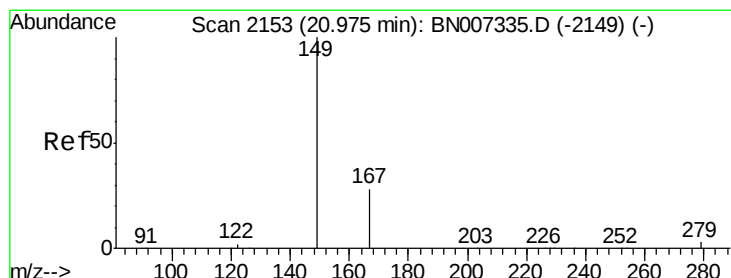
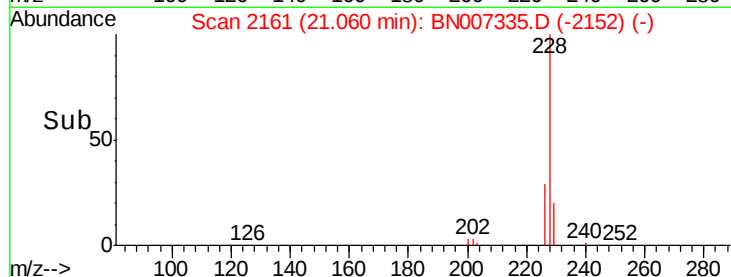
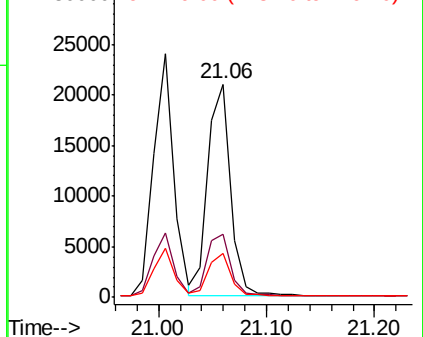
229 20.7 16.6 24.8



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: 0.656 ng

RT: 20.97 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

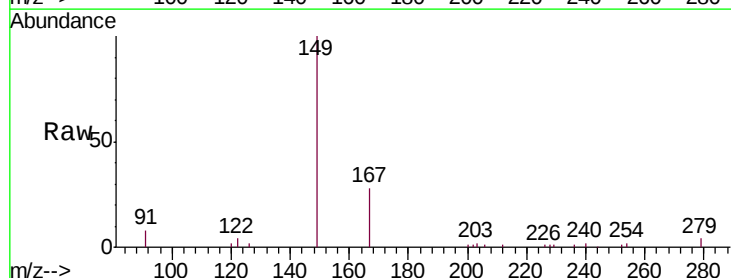
Tgt Ion:149 Resp: 21498

Ion Ratio Lower Upper

149 100

167 28.5 22.8 34.2

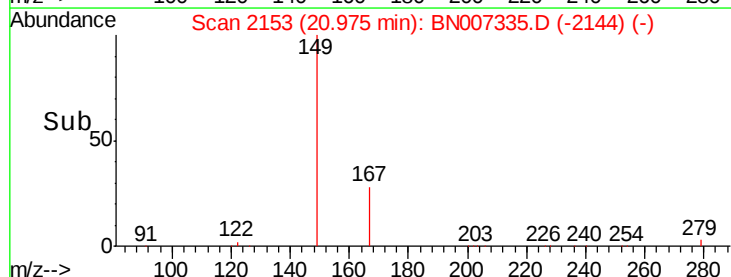
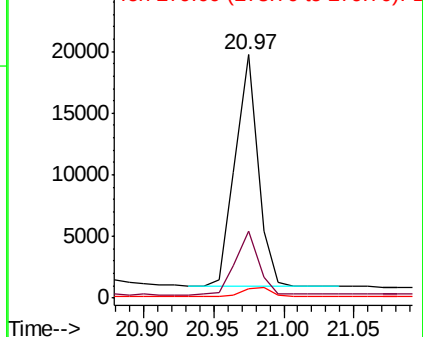
279 4.4 3.5 5.3



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: 0.414 ng

RT: 25.19 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

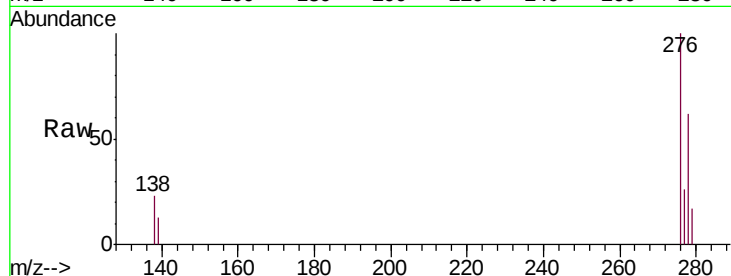
Tgt Ion:276 Resp: 36550

Ion Ratio Lower Upper

276 100

138 18.9 15.1 22.7

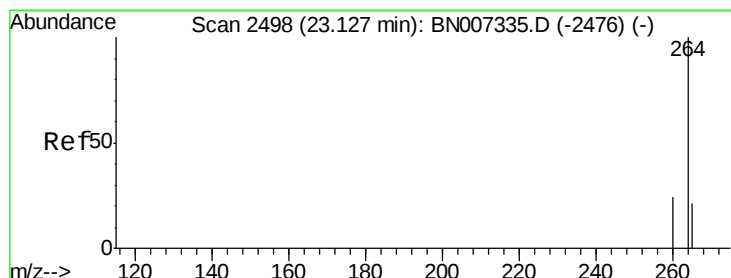
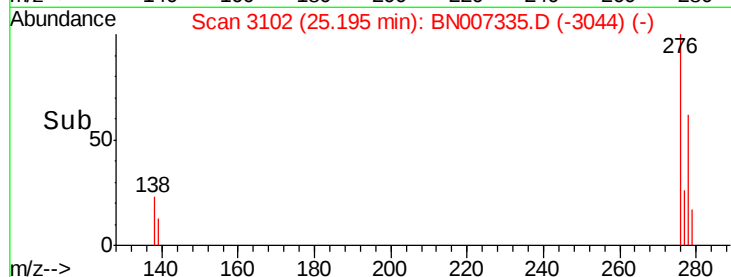
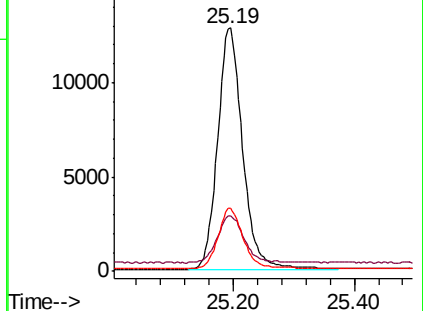
277 24.6 19.7 29.5



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: 23.13 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

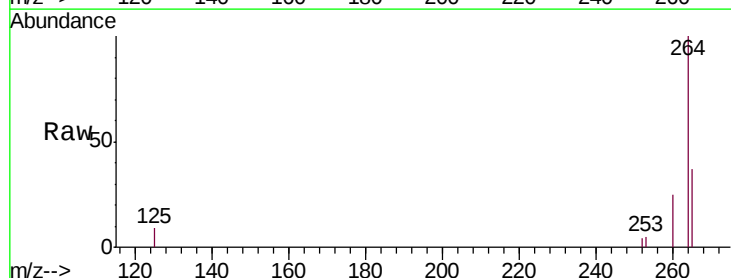
Tgt Ion:264 Resp: 21022

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

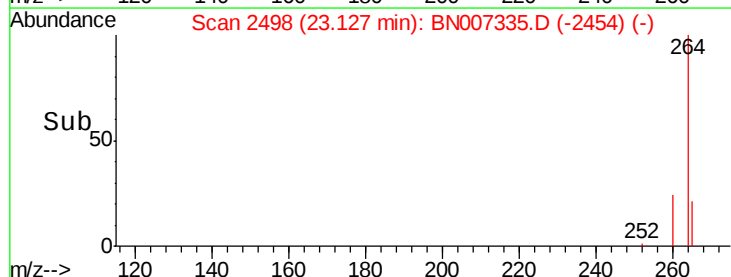
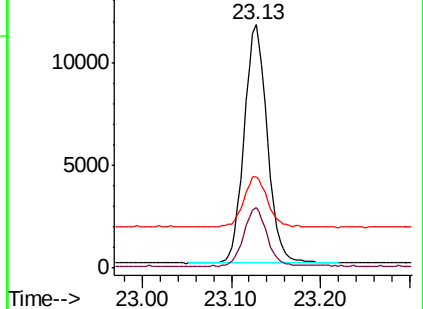
265 37.4 29.9 44.9

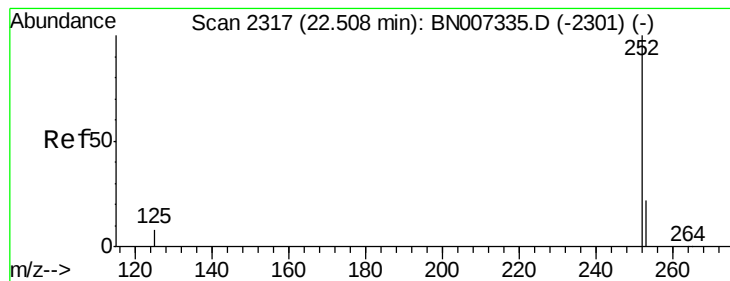


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.399 ng

RT: 22.51 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

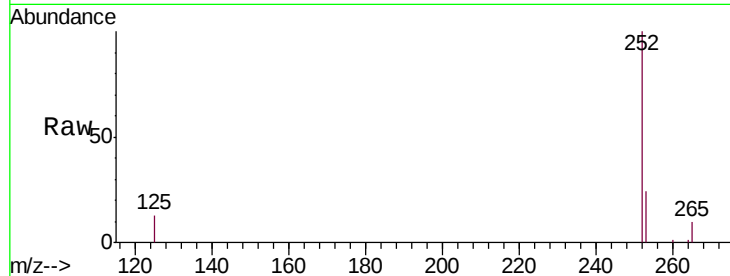
Tgt Ion:252 Resp: 31221

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

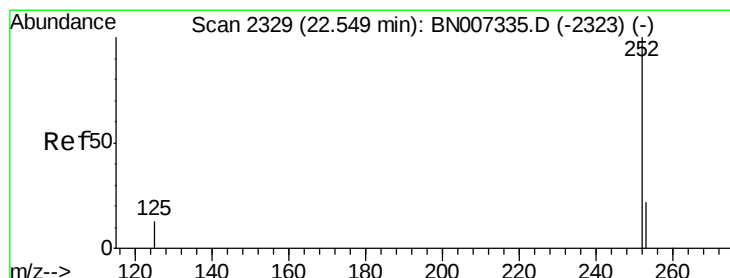
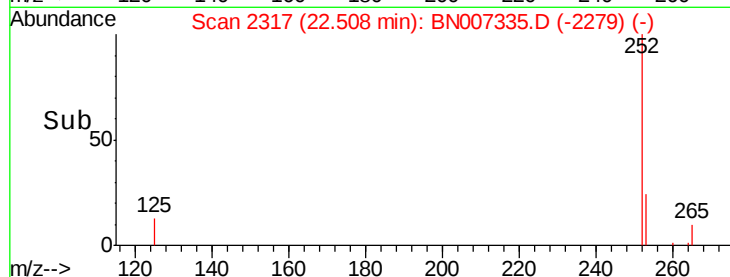
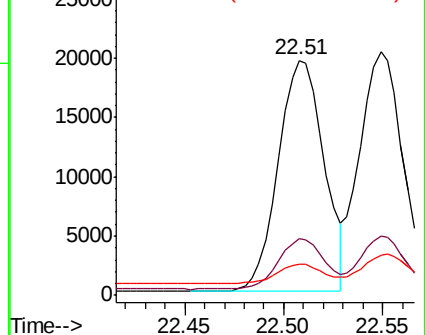
125 13.3 10.6 16.0



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



#36

Benzo(k)fluoranthene

Concen: 0.410 ng

RT: 22.55 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

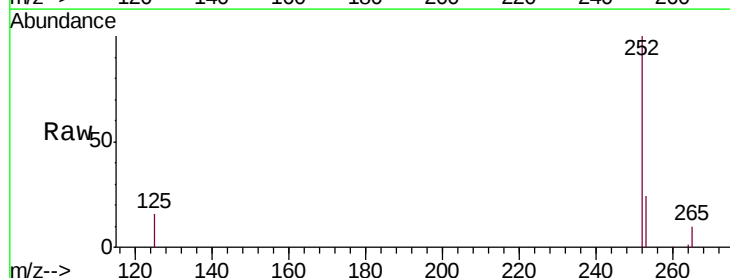
Tgt Ion:252 Resp: 31349

Ion Ratio Lower Upper

252 100

253 24.3 19.4 29.2

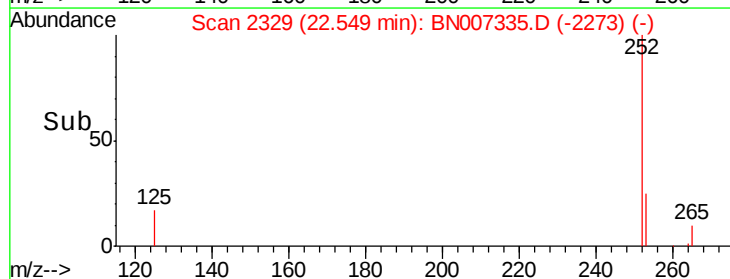
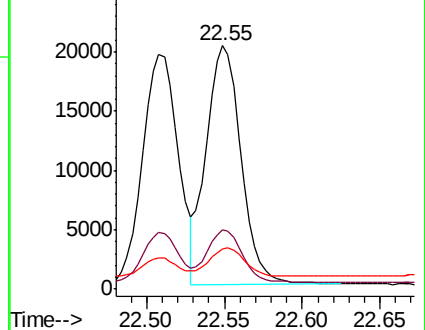
125 16.4 13.1 19.7



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: 0.420 ng

RT: 23.04 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

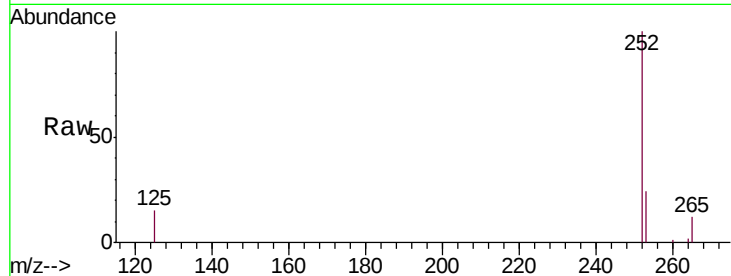
Tgt Ion:252 Resp: 29884

Ion Ratio Lower Upper

252 100

253 24.4 19.5 29.3

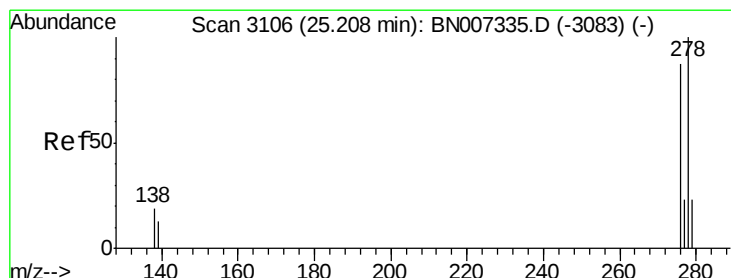
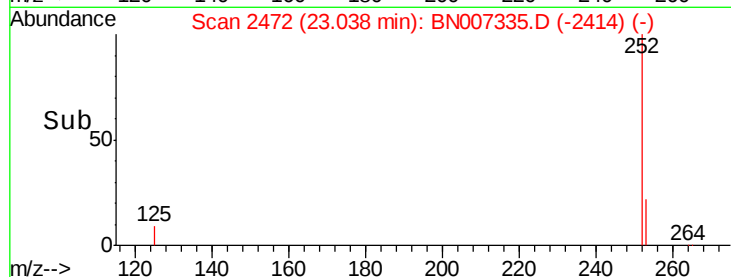
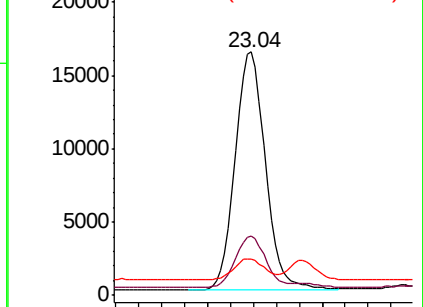
125 15.1 12.1 18.1



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: 0.405 ng

RT: 25.21 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN007335.D

Acq: 23 Aug 2019 20:14

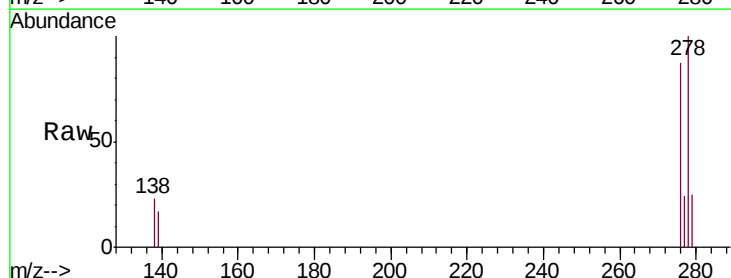
Tgt Ion:278 Resp: 29945

Ion Ratio Lower Upper

278 100

139 17.1 13.7 20.5

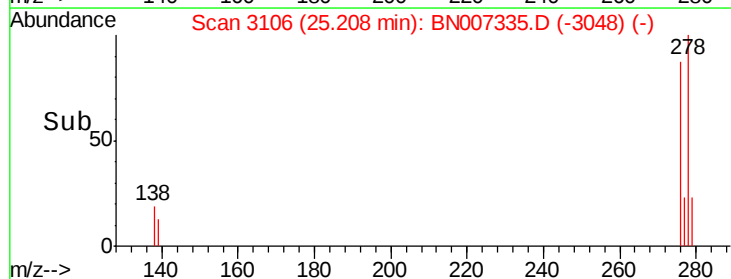
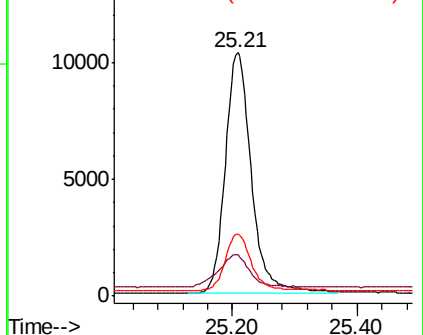
279 25.3 20.2 30.4



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(g,h,i)perylene

Concen: 0.399 ng

RT: 25.82 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BN007335.D

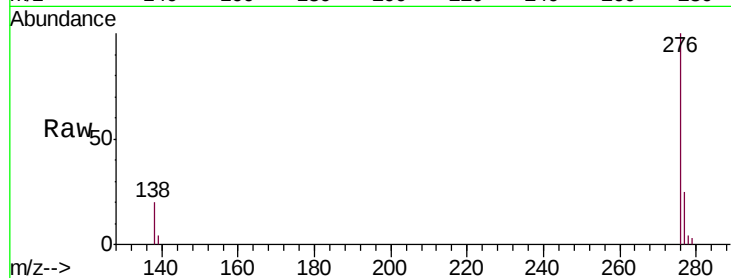
Acq: 23 Aug 2019 20:14

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4



Tgt Ion: 276 Resp: 29782

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 20.4 16.3 24.5

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

