

Data File : BN007336.D
Acq On : 23 Aug 2019 20:50
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Aug 24 00:17:03 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	3726	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	15694	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	8578	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	20108	0.40	ng	0.00
27) Chrysene-d12	21.03	240	19587	0.40	ng	0.00
34) Perylene-d12	23.13	264	21161	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	9608	0.82	ng	0.00
5) Phenol-d6	6.59	99	11864	0.79	ng	0.00
8) Nitrobenzene-d5	8.53	82	10116	0.83	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	20188	0.75	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	3261	0.68	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	26644	0.73	ng	0.00
25) Fluoranthene-d10	18.84	212	48843	0.76	ng	0.00
29) Terphenyl-d14	19.47	244	39063	0.79	ng	0.00

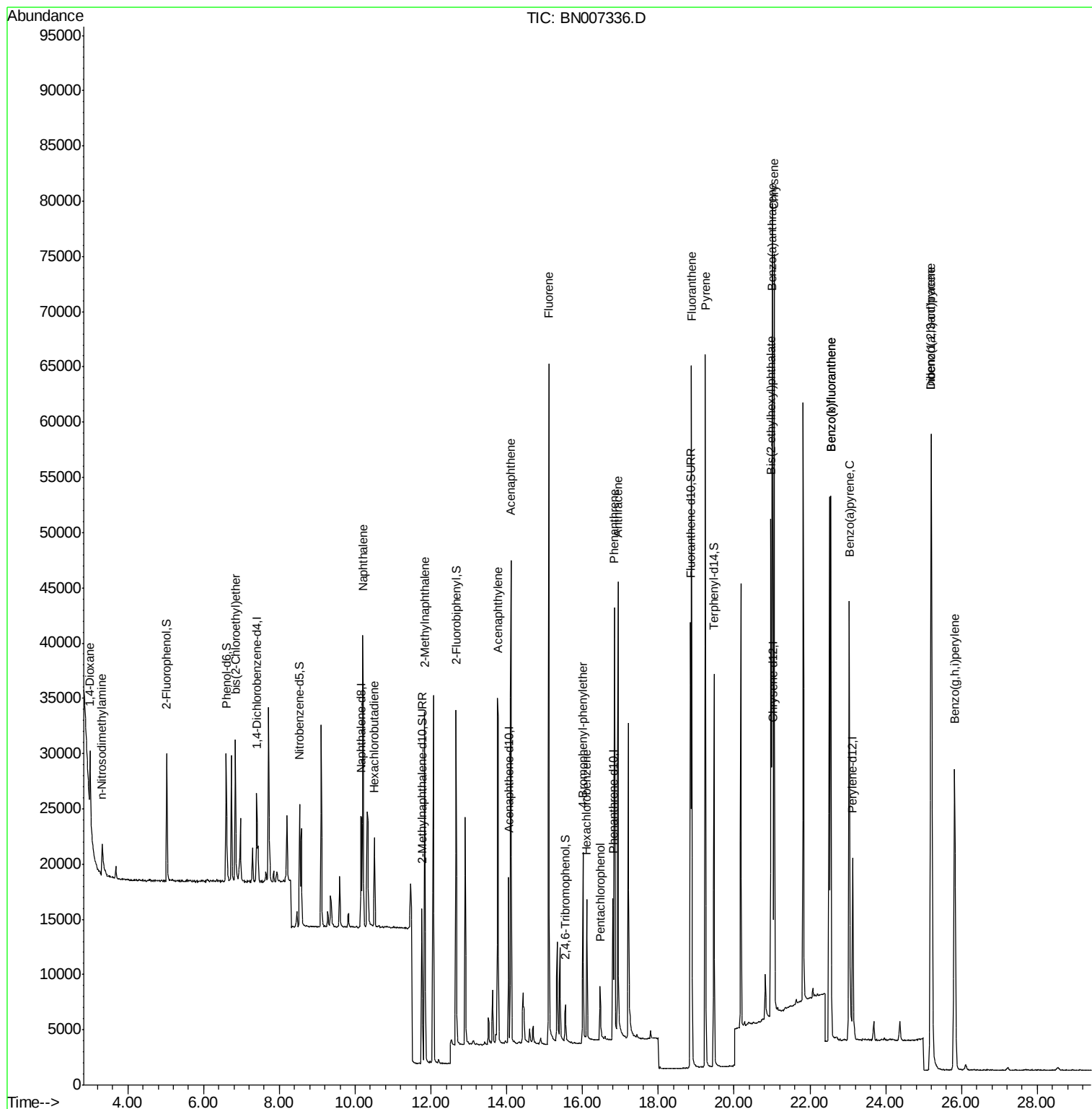
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	4552	0.830	ng	# 88
3) n-Nitrosodimethylamine	3.32	42	2021	0.580	ng	# 80
6) bis(2-Chloroethyl)ether	6.84	93	10495	0.929	ng	96
9) Naphthalene	10.20	128	34464	0.776	ng	94
10) Hexachlorobutadiene	10.51	225	6948	0.717	ng	# 99
12) 2-Methylnaphthalene	11.84	142	23481	0.762	ng	97
16) Acenaphthylene	13.76	152	39156	0.843	ng	99
17) Acenaphthene	14.11	154	22742	0.782	ng	99
18) Fluorene	15.10	166	29603	0.782	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	6526	0.587	ng	90
21) Hexachlorobenzene	16.11	284	10022	0.754	ng	98
22) Pentachlorophenol	16.46	266	2985	0.573	ng	# 74
23) Phenanthrene	16.84	178	46114	0.738	ng	99
24) Anthracene	16.93	178	46361	0.807	ng	100
26) Fluoranthene	18.87	202	57266	0.746	ng	100
28) Pyrene	19.24	202	59425	0.803	ng	100
30) Benzo(a)anthracene	21.00	228	59089	0.803	ng	99
31) Chrysene	21.06	228	55354	0.743	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	38577	1.161	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	68008	0.760	ng	98
35) Benzo(b)fluoranthene	22.55	252	57594	0.732	ng	98
36) Benzo(k)fluoranthene	22.55	252	57594	0.747	ng	# 95
37) Benzo(a)pyrene	23.04	252	55235	0.771	ng	# 95
38) Dibenzo(a,h)anthracene	25.21	278	55323	0.743	ng	97
39) Benzo(g,h,i)perylene	25.82	276	55105	0.734	ng	98

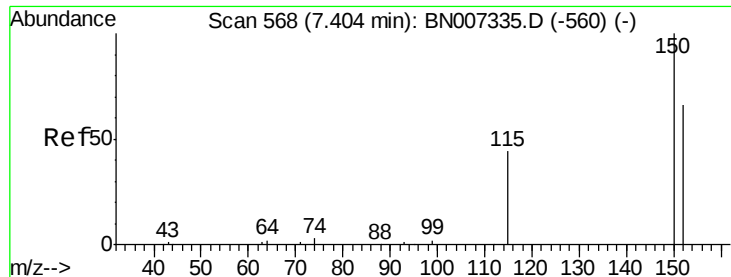
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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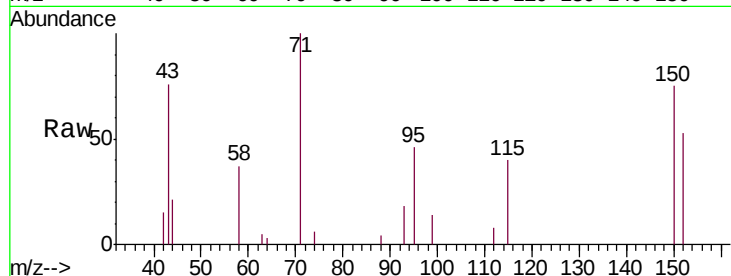


#1

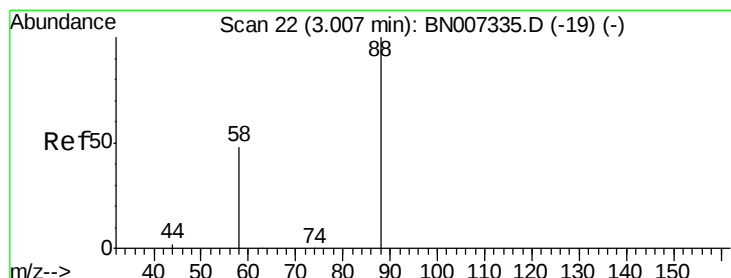
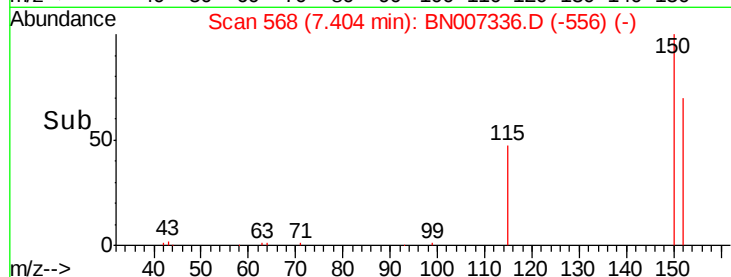
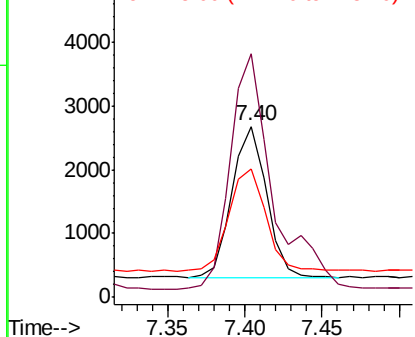
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007336.D
Acq: 23 Aug 2019 20:50

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

Tgt Ion:152 Resp: 3726
Ion Ratio Lower Upper
152 100
150 142.6 109.1 163.7
115 75.1 59.6 89.4



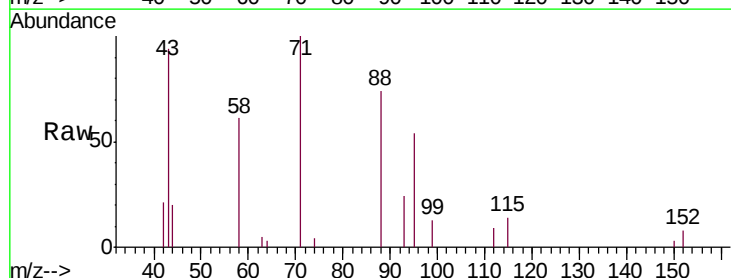
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



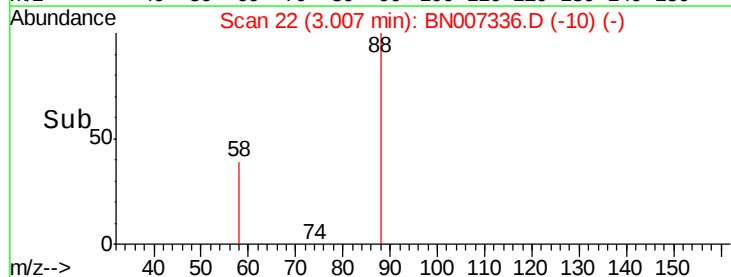
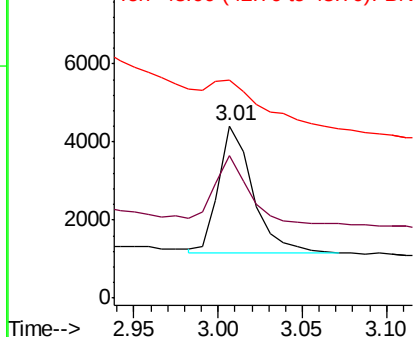
#2

1,4-Dioxane
Concen: 0.830 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007336.D
Acq: 23 Aug 2019 20:50

Tgt Ion: 88 Resp: 4552
Ion Ratio Lower Upper
88 100
58 54.0 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: 0.580 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

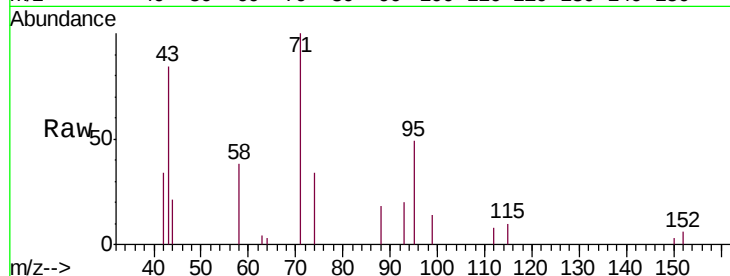
Tgt Ion: 42 Resp: 2021

Ion Ratio Lower Upper

42 100

74 209.5 144.7 217.1

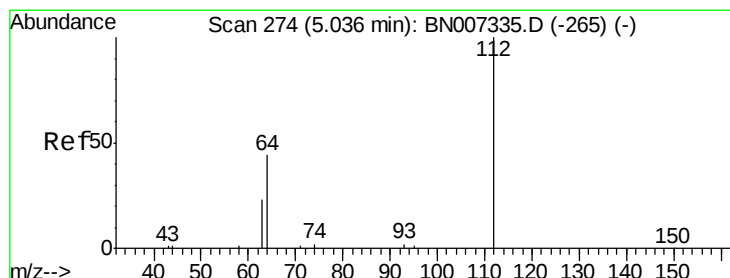
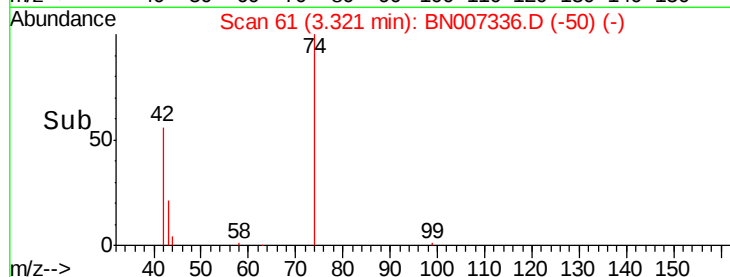
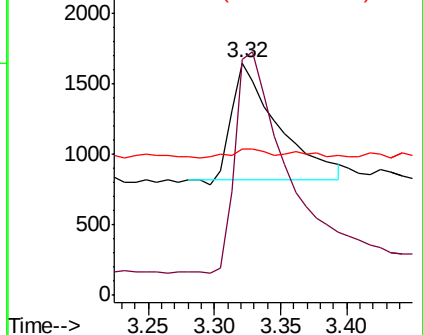
44 5.7 3.2 4.8#



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: 0.819 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

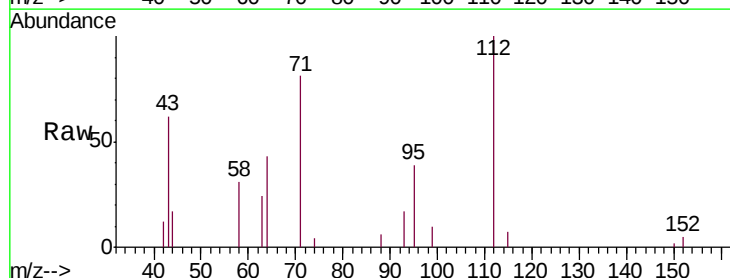
Tgt Ion: 112 Resp: 9608

Ion Ratio Lower Upper

112 100

64 54.9 42.3 63.5

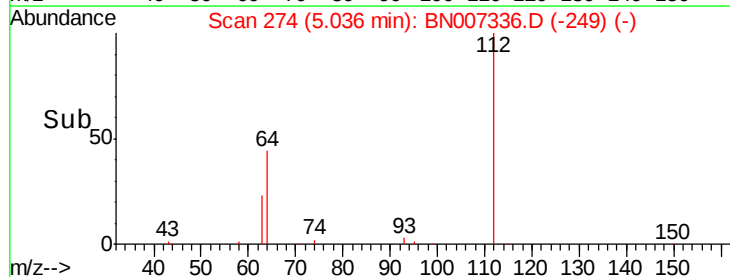
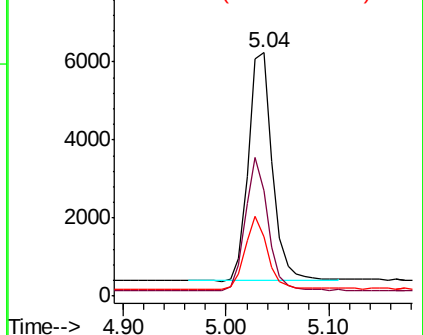
63 29.4 23.6 35.4



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: 0.787 ng

RT: 6.59 min Scan# 467

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

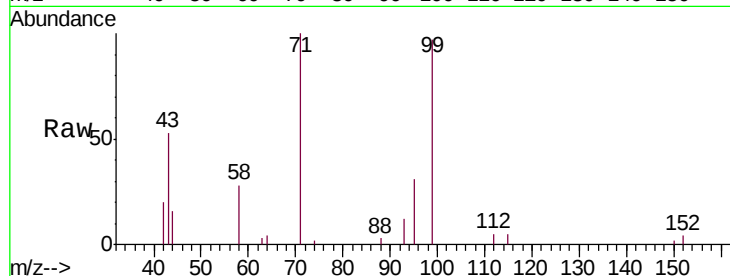
Tgt Ion: 99 Resp: 11864

Ion Ratio Lower Upper

99 100

42 12.8 11.2 16.8

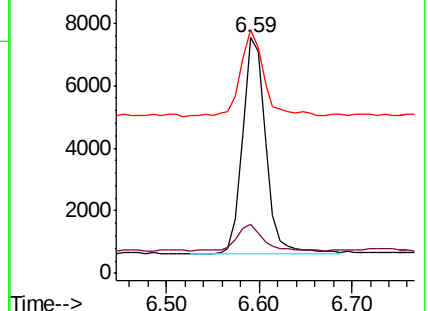
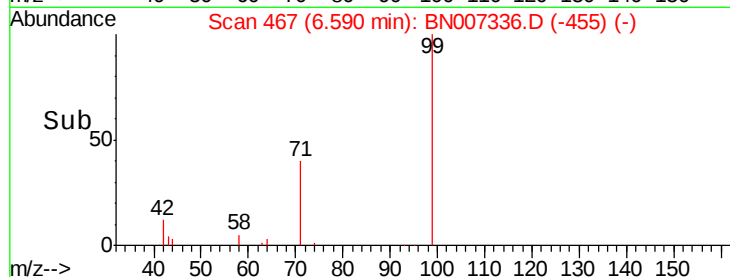
71 41.1 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007336.D (-455) (-)

Ion 42.00 (41.70 to 42.70): BN007336.D (-455) (-)

Ion 71.00 (70.70 to 71.70): BN007336.D (-455) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.929 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

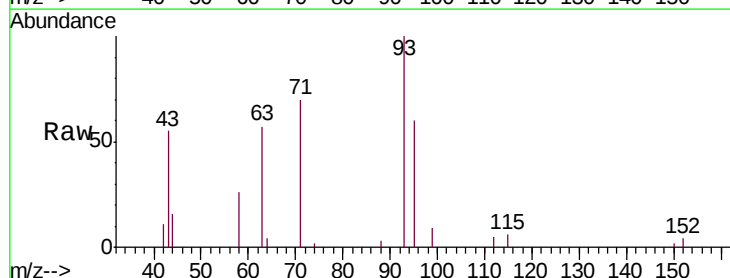
Tgt Ion: 93 Resp: 10495

Ion Ratio Lower Upper

93 100

63 62.2 51.9 77.9

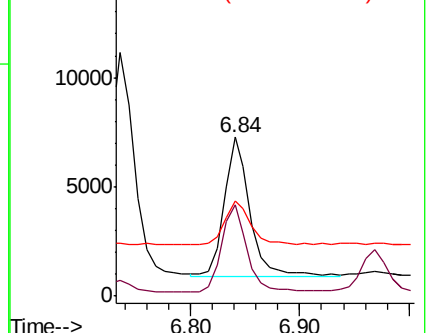
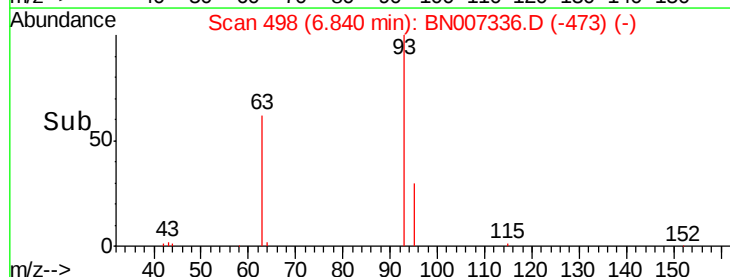
95 31.7 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007336.D (-473) (-)

Ion 63.00 (62.70 to 63.70): BN007336.D (-473) (-)

Ion 95.00 (94.70 to 95.70): BN007336.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 15694

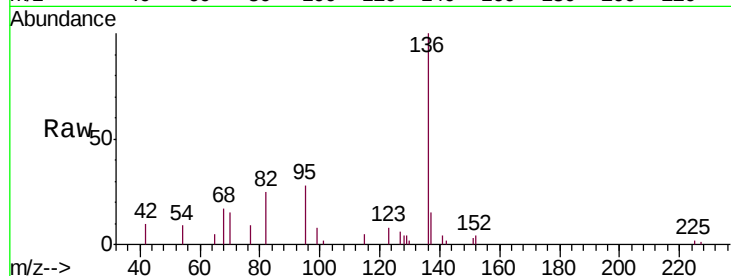
Ion Ratio Lower Upper

136 100

137 14.5 12.9 19.3

54 8.9 8.6 12.8

68 17.3 17.0 25.4

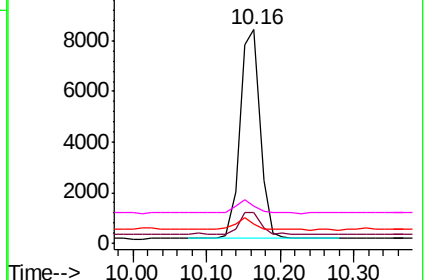
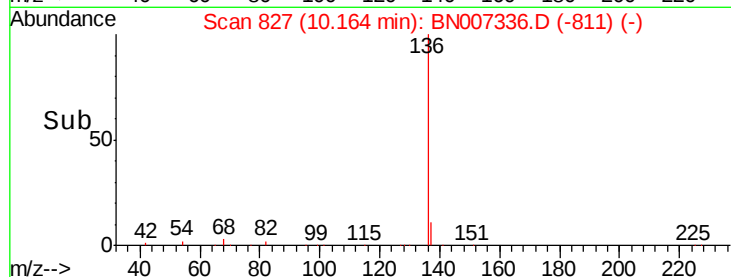


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.832 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

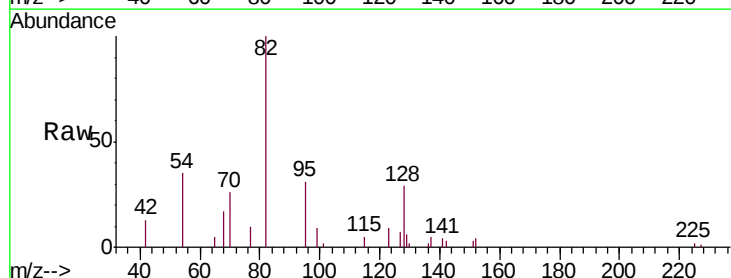
Tgt Ion: 82 Resp: 10116

Ion Ratio Lower Upper

82 100

128 28.7 19.7 29.5

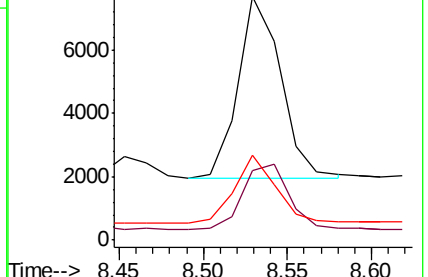
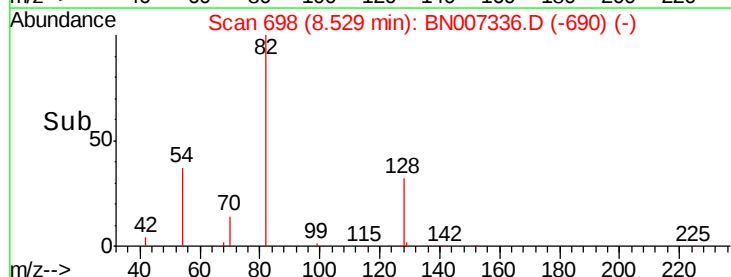
54 34.8 25.8 38.6

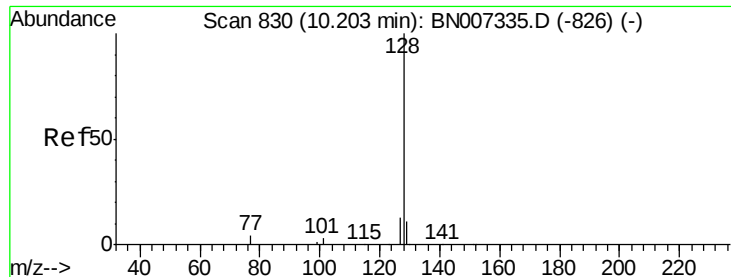


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.776 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

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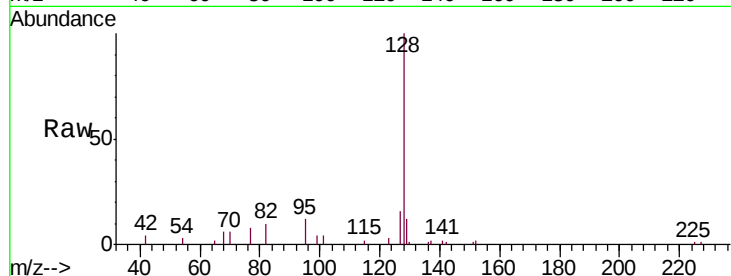
Tgt Ion:128 Resp: 34464

Ion Ratio Lower Upper

128 100

129 12.3 11.1 16.7

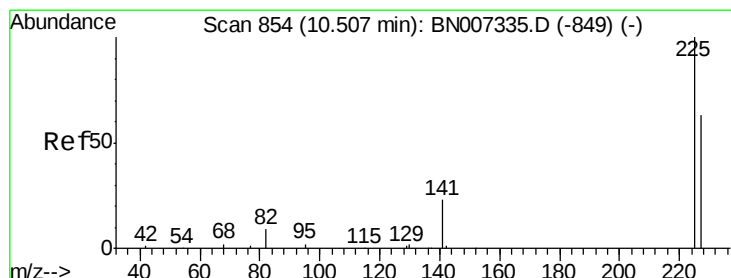
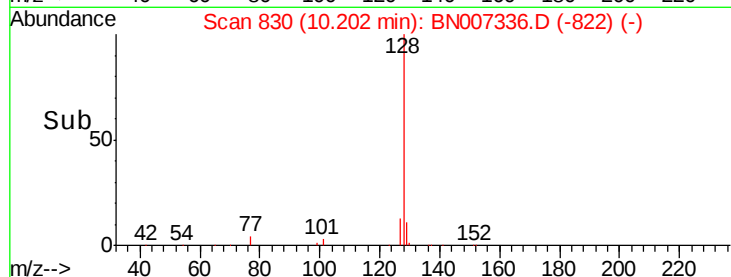
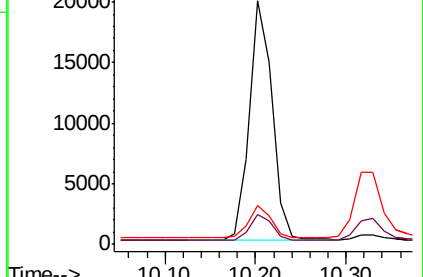
127 15.8 15.5 23.3



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: 0.717 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

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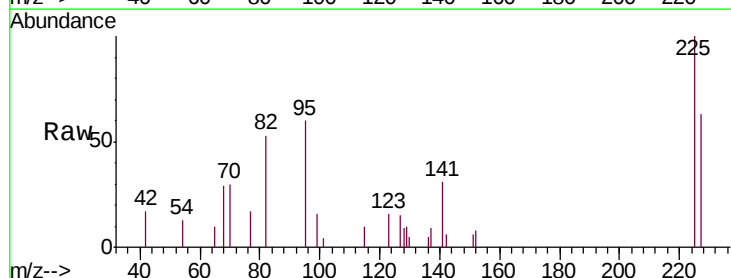
Tgt Ion:225 Resp: 6948

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

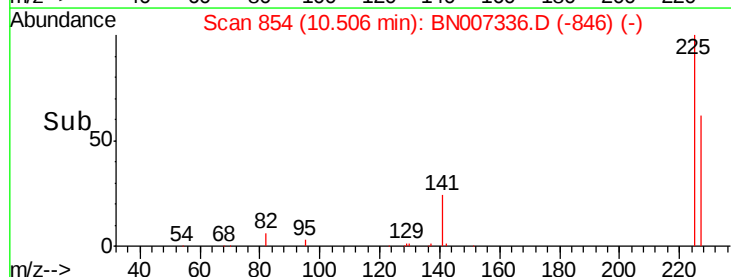
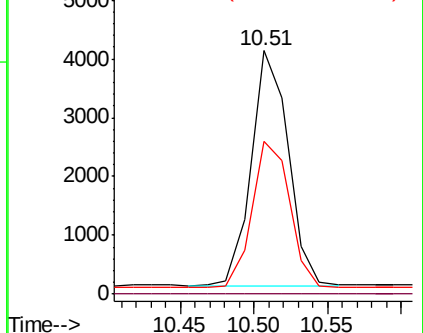
227 64.0 50.7 76.1



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: 0.749 ng

RT: 11.76 min Scan# 990

Delta R.T. -0.00 min

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ClientSampleId :

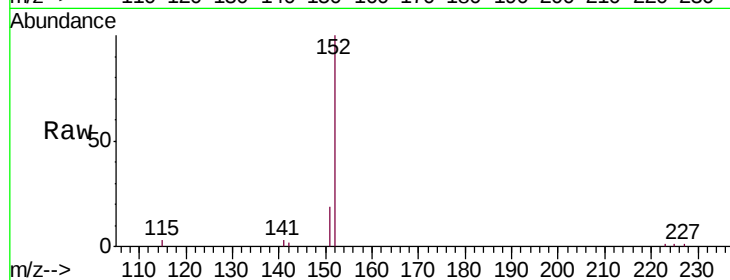
SSTDICC0.8

Tgt Ion:152 Resp: 20188

Ion Ratio Lower Upper

152 100

151 19.3 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

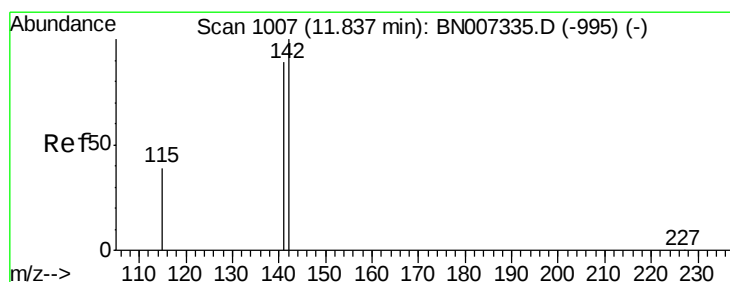
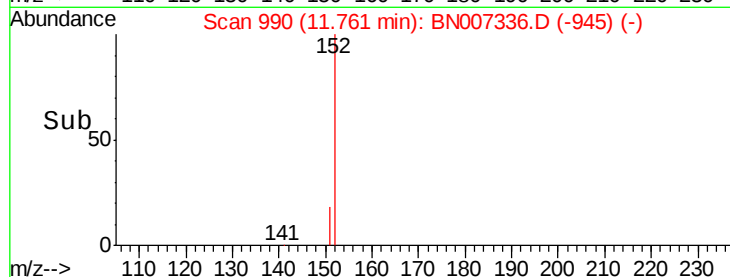
10000

5000

0

Time-->

11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.762 ng

RT: 11.84 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

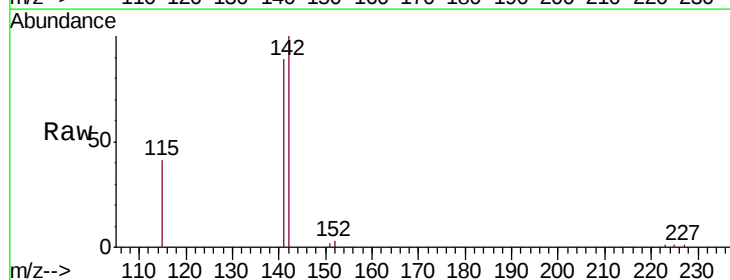
Tgt Ion:142 Resp: 23481

Ion Ratio Lower Upper

142 100

141 89.4 72.8 109.2

115 41.0 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

15000

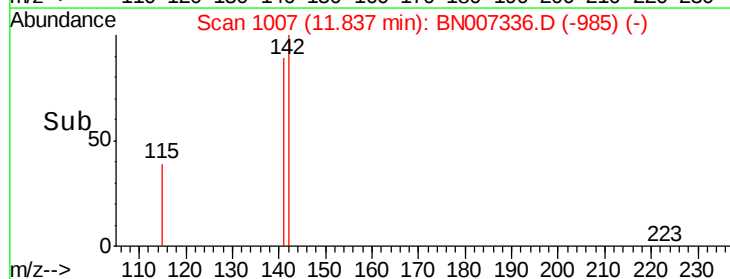
10000

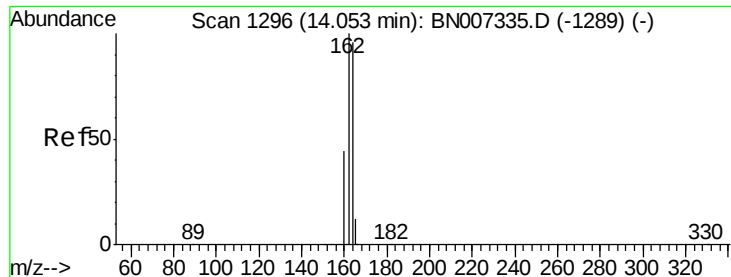
5000

0

Time-->

11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

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BNA_N

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SSTDIC0.8

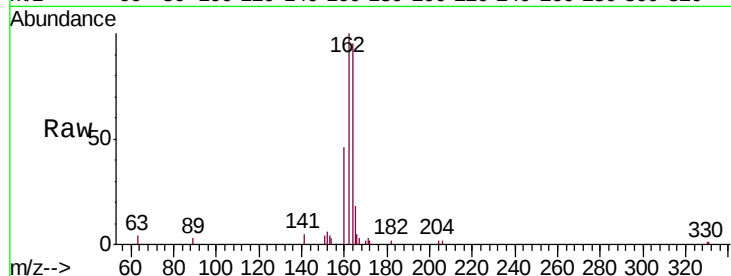
Tgt Ion:164 Resp: 8578

Ion Ratio Lower Upper

164 100

162 104.7 83.5 125.3

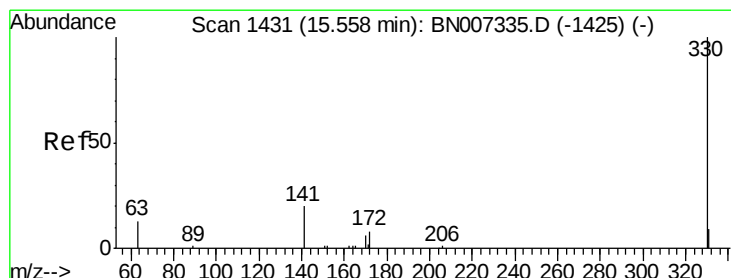
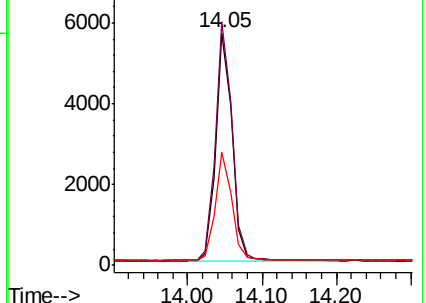
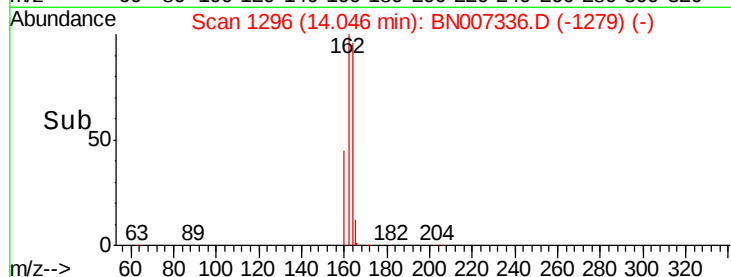
160 48.6 38.2 57.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.679 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

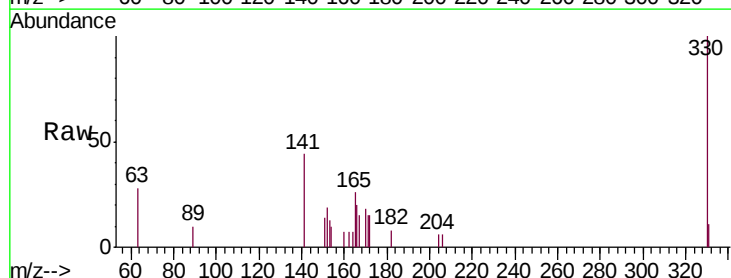
Tgt Ion:330 Resp: 3261

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

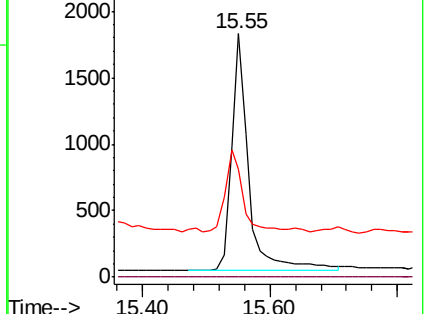
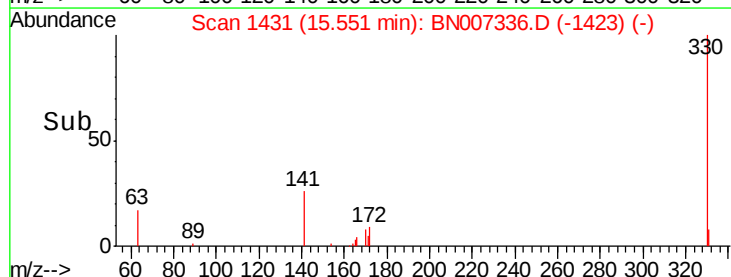
141 35.1 26.9 40.3



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

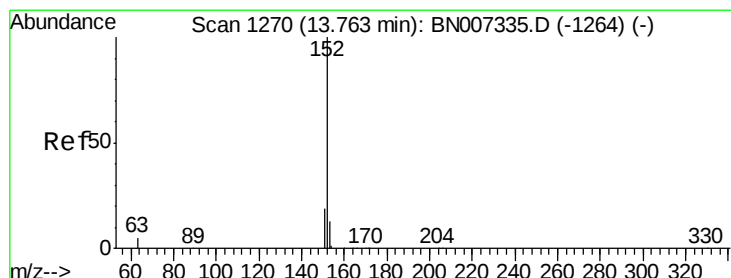
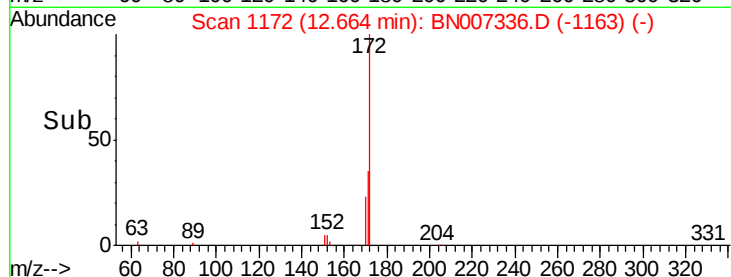
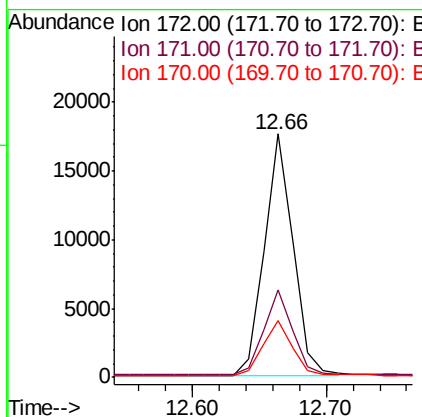
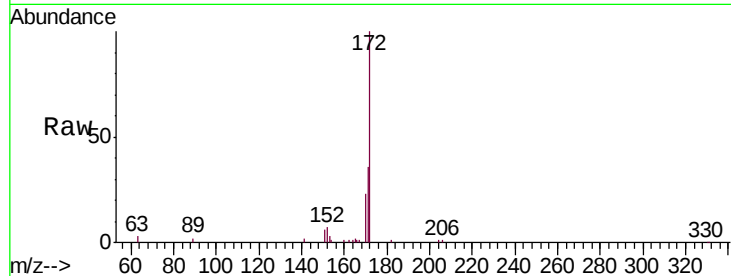




#15
2-Fluorobiphenyl
Concen: 0.732 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007336.D
Acq: 23 Aug 2019 20:50

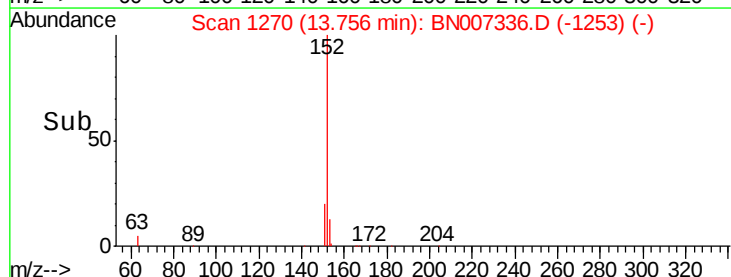
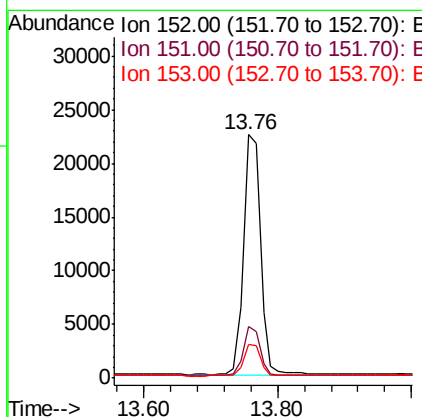
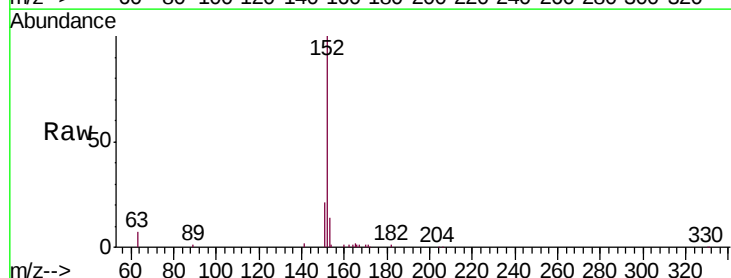
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

Tgt Ion:172 Resp: 26644
Ion Ratio Lower Upper
172 100
171 35.8 30.3 45.5
170 23.4 20.7 31.1



#16
Acenaphthylene
Concen: 0.843 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007336.D
Acq: 23 Aug 2019 20:50

Tgt Ion:152 Resp: 39156
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.782 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

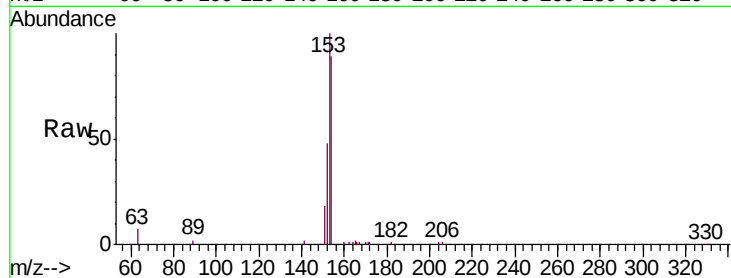
Tgt Ion:154 Resp: 22742

Ion Ratio Lower Upper

154 100

153 115.1 92.8 139.2

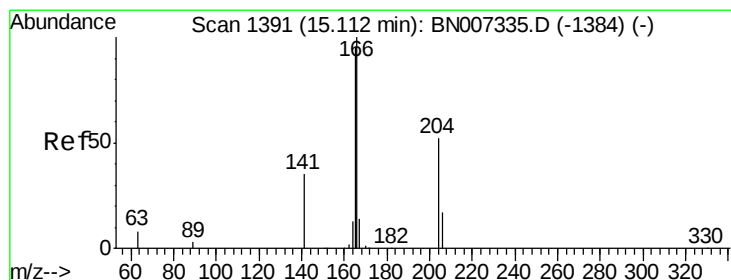
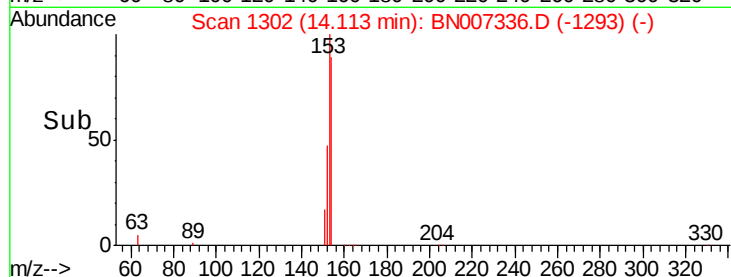
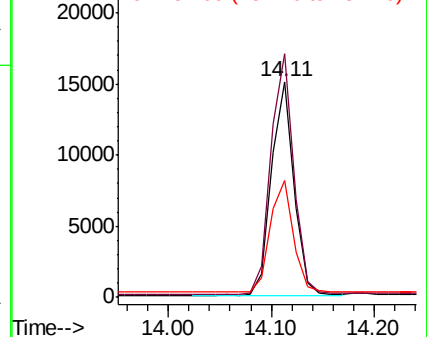
152 53.7 43.8 65.8



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: 0.782 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

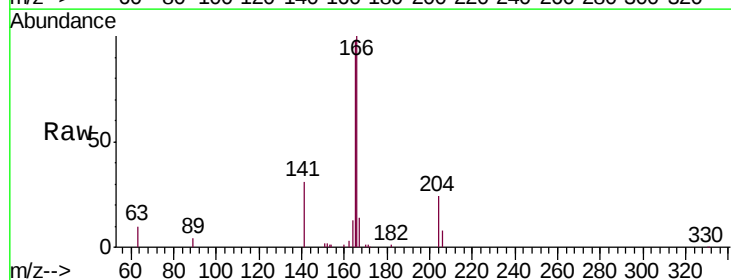
Tgt Ion:166 Resp: 29603

Ion Ratio Lower Upper

166 100

165 97.5 79.0 118.4

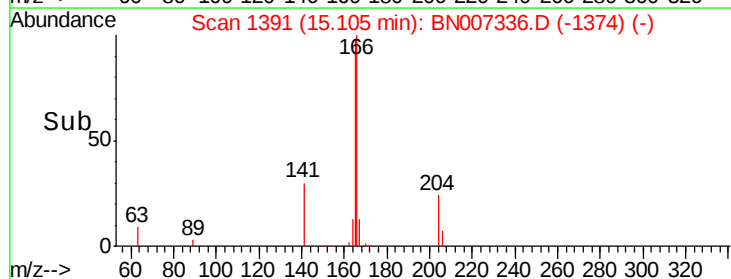
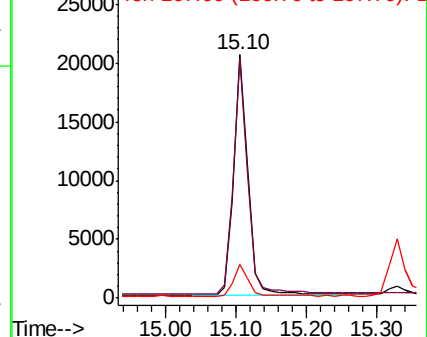
167 13.7 10.6 15.8



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: BN007336.D

Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

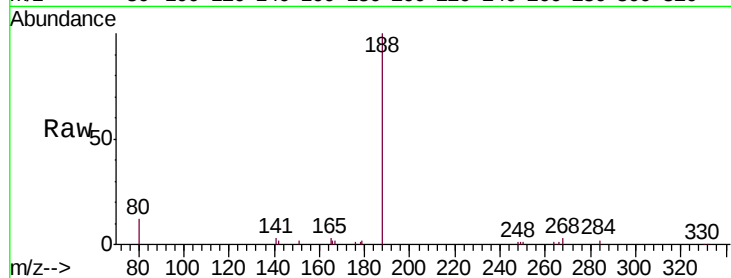
Tgt Ion:188 Resp: 20108

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 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

15000

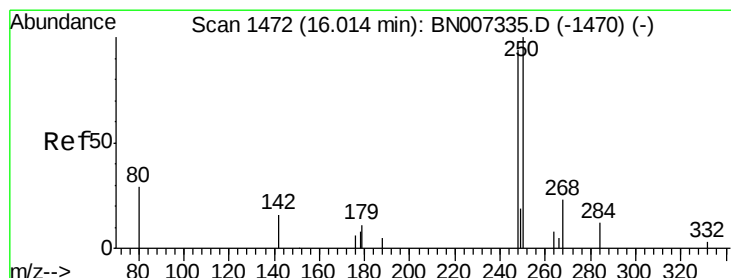
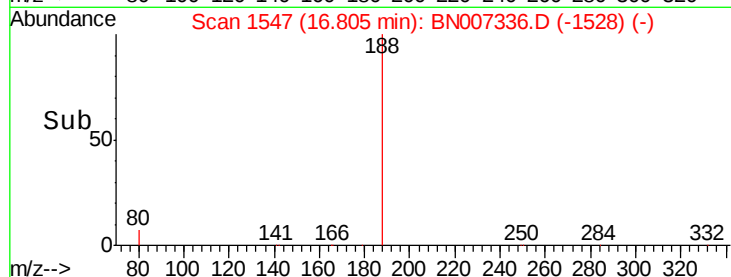
10000

5000

0

16.80

Time--> 16.60 16.80 17.00



#20

4-Bromophenyl-phenylether

Concen: 0.587 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

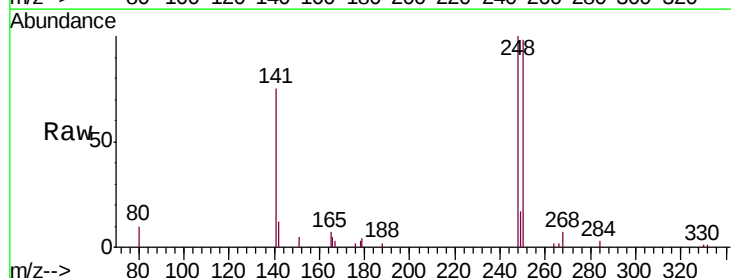
Tgt Ion:248 Resp: 6526

Ion Ratio Lower Upper

248 100

250 97.9 85.0 127.6

141 74.5 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

8000

6000

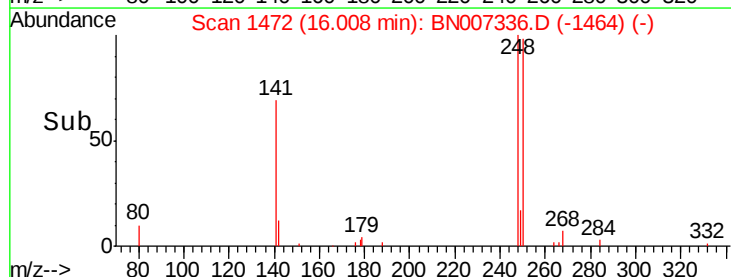
4000

2000

0

16.01

Time--> 15.95 16.00 16.05 16.10





#21

Hexachlorobenzene

Concen: 0.754 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

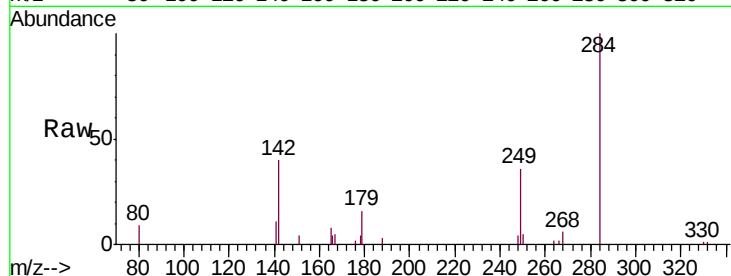
Tgt Ion:284 Resp: 10022

Ion Ratio Lower Upper

284 100

142 34.9 29.0 43.6

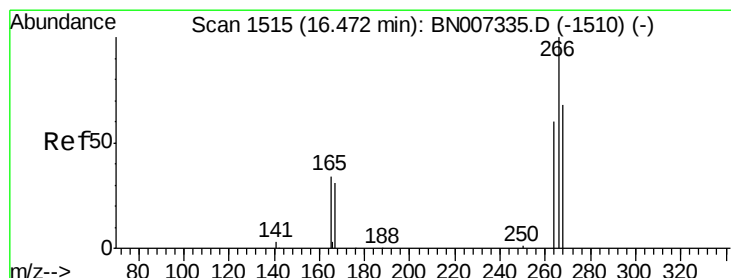
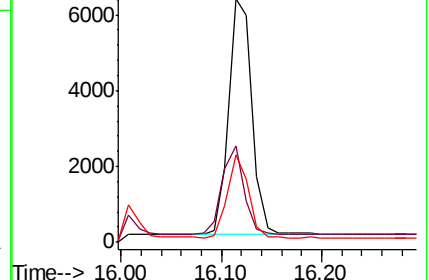
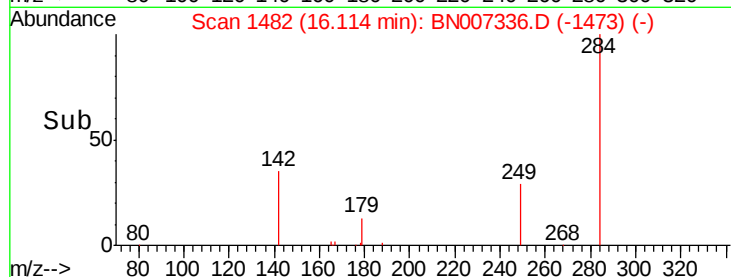
249 32.5 24.9 37.3



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: 0.573 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

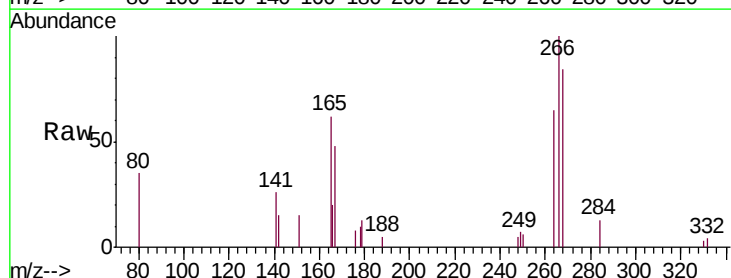
Tgt Ion:266 Resp: 2985

Ion Ratio Lower Upper

266 100

264 65.4 57.8 86.8

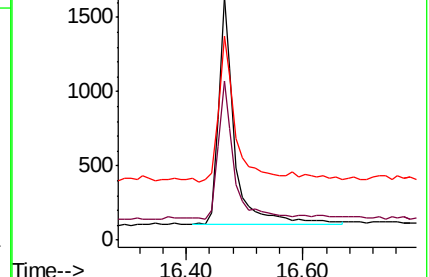
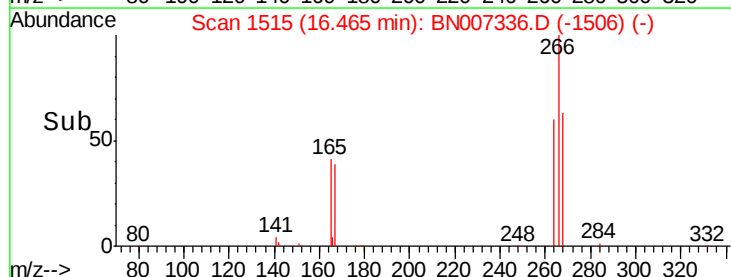
268 83.8 99.7 149.5#



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: 0.738 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

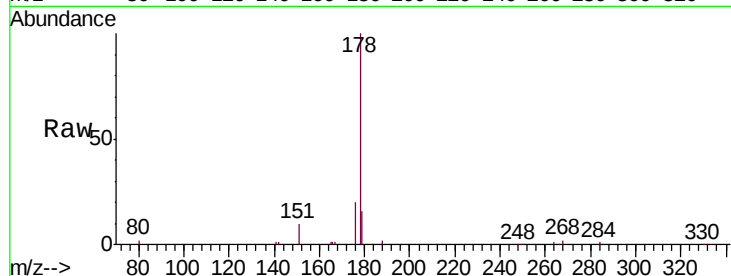
Tgt Ion:178 Resp: 46114

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

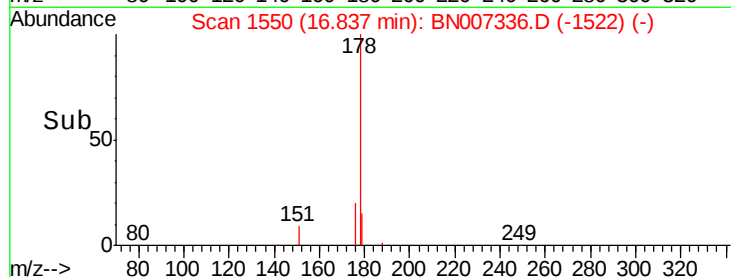
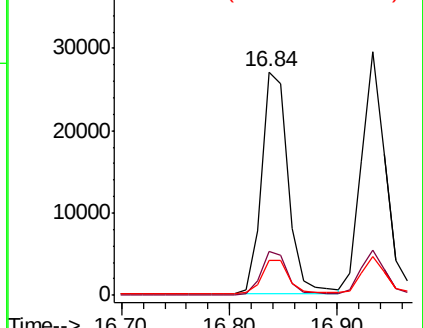
179 15.2 12.6 19.0



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: 0.807 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

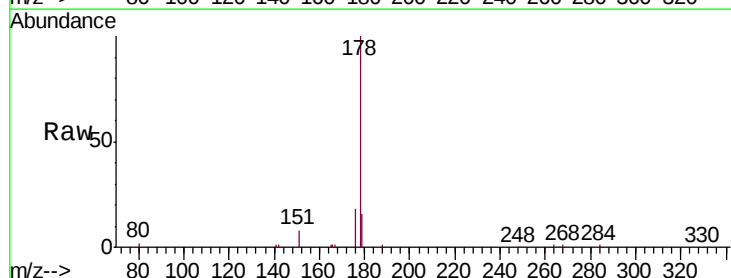
Tgt Ion:178 Resp: 46361

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

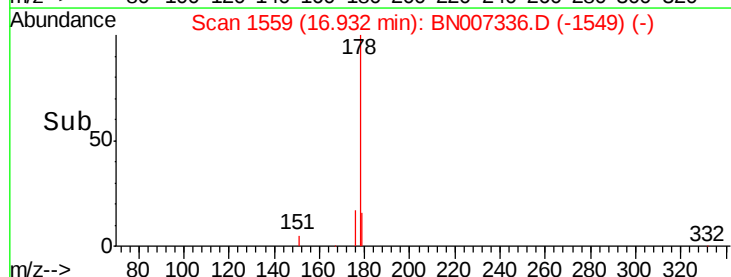
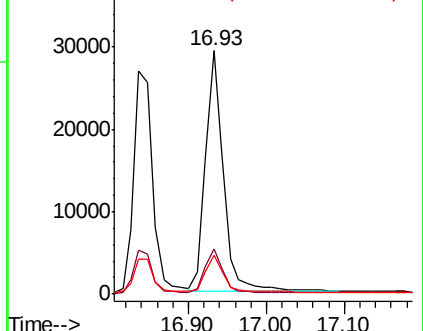
179 15.4 12.4 18.6

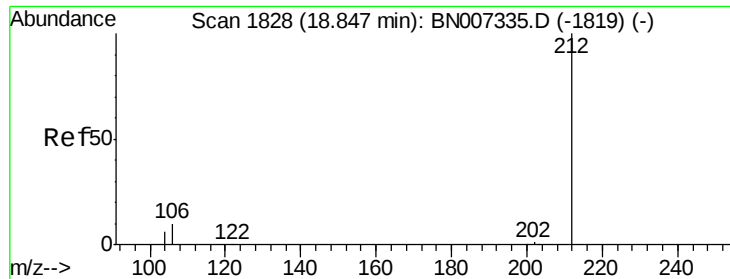


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.761 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

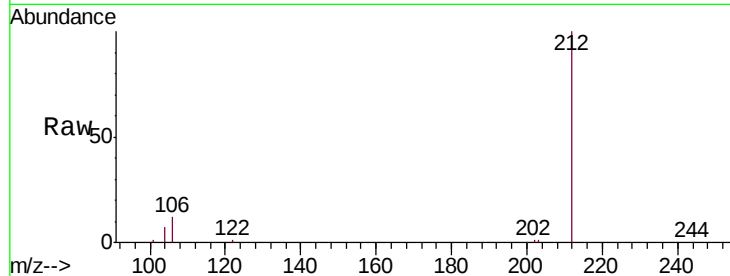
Tgt Ion:212 Resp: 48843

Ion Ratio Lower Upper

212 100

106 11.3 9.0 13.4

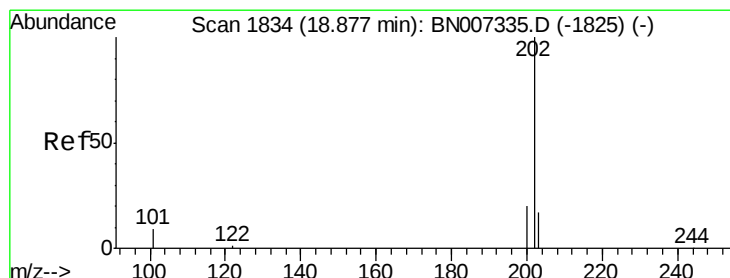
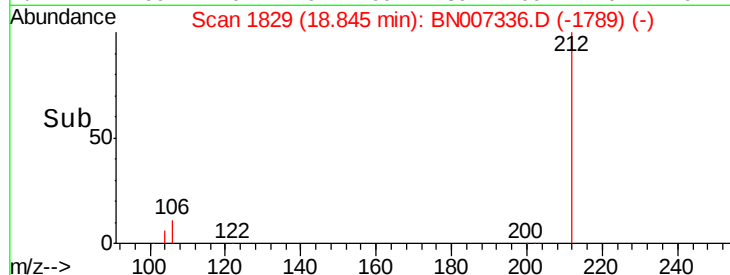
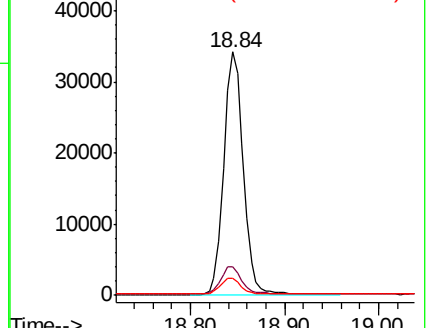
104 6.4 5.4 8.2



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: 0.746 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

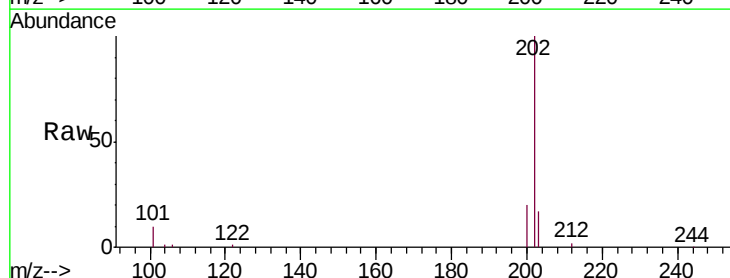
Tgt Ion:202 Resp: 57266

Ion Ratio Lower Upper

202 100

101 9.7 7.7 11.5

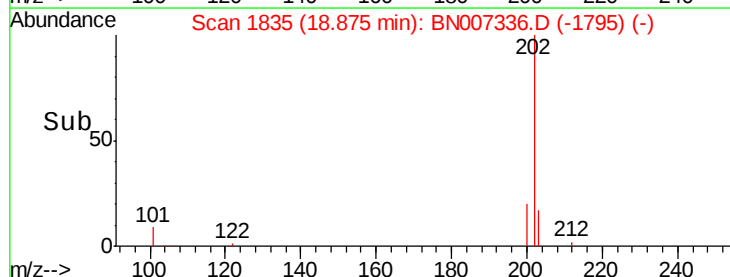
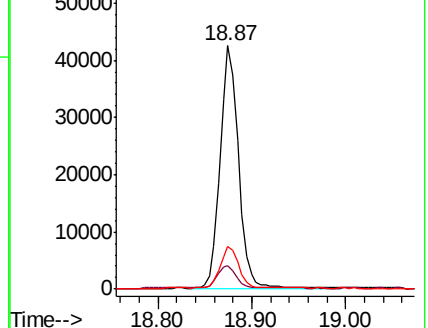
203 17.2 13.7 20.5

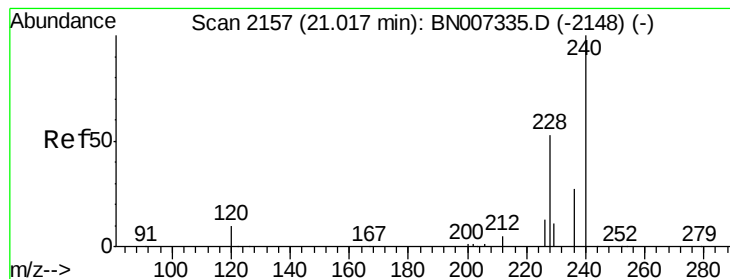


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.03 min Scan# 2159

Delta R.T. 0.01 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

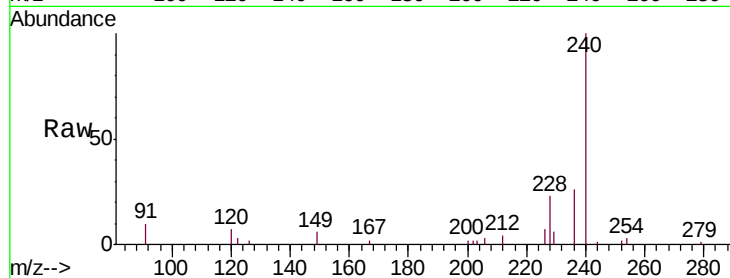
Tgt Ion:240 Resp: 19587

Ion Ratio Lower Upper

240 100

120 6.6 9.6 14.4#

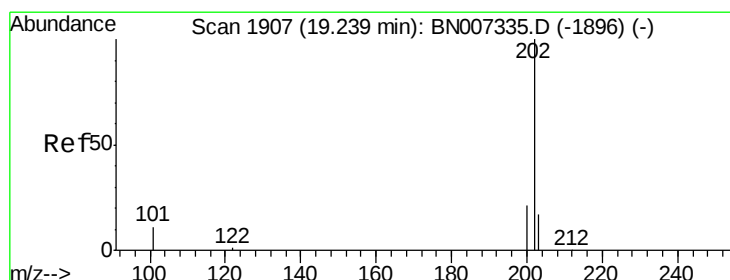
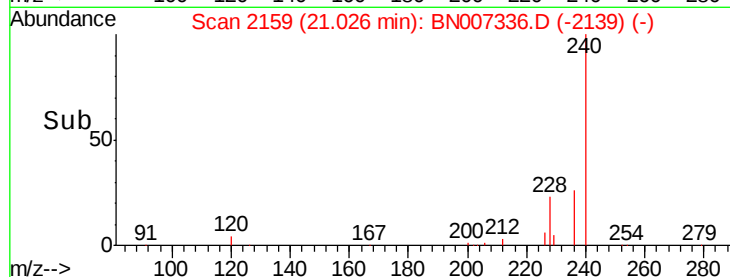
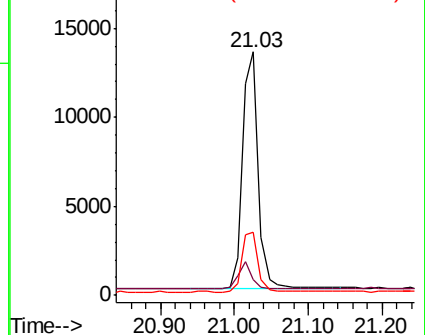
236 26.2 22.2 33.2



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: 0.803 ng

RT: 19.24 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

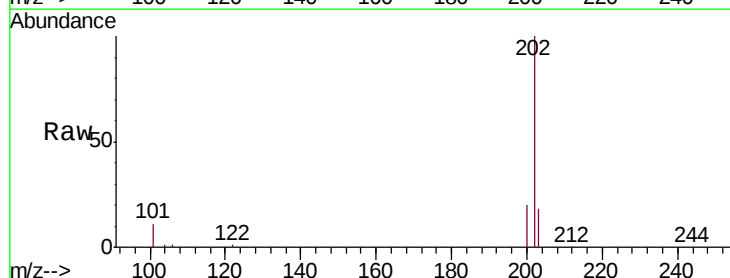
Tgt Ion:202 Resp: 59425

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

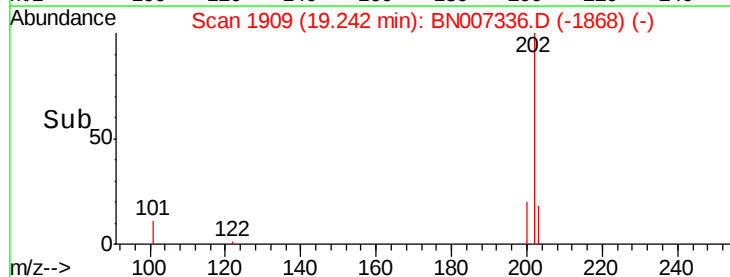
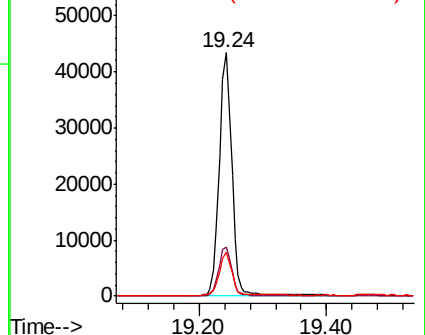
203 17.7 14.2 21.4



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: 0.791 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

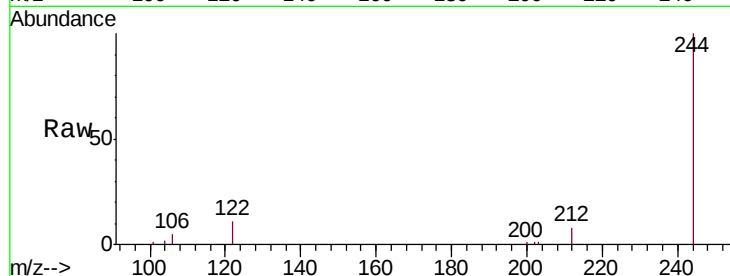
Tgt Ion:244 Resp: 39063

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

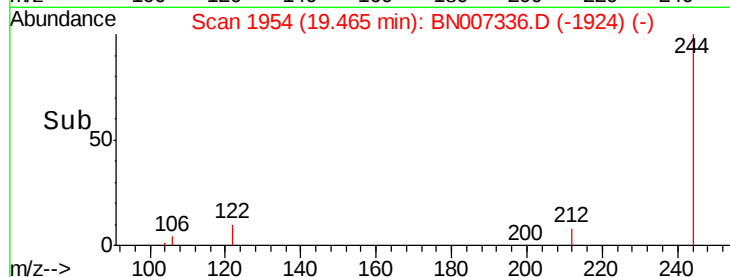
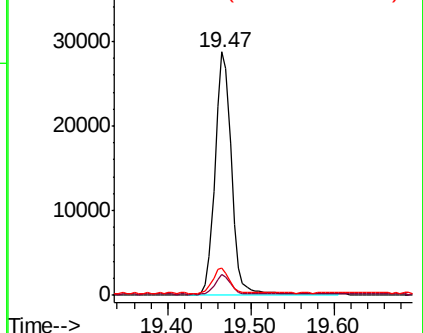
122 11.3 9.6 14.4



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: 0.803 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

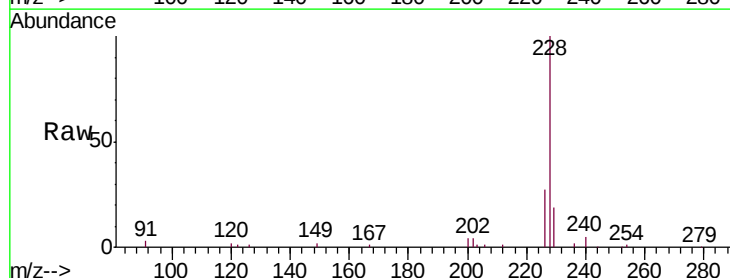
Tgt Ion:228 Resp: 59089

Ion Ratio Lower Upper

228 100

226 27.3 21.3 31.9

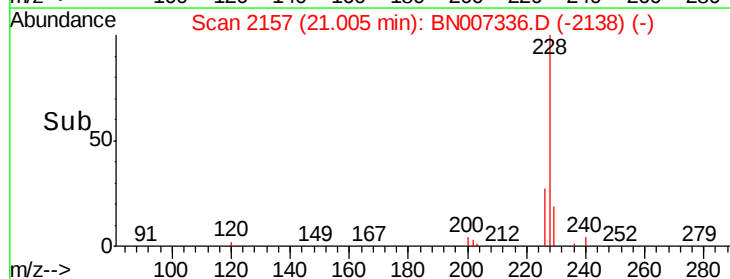
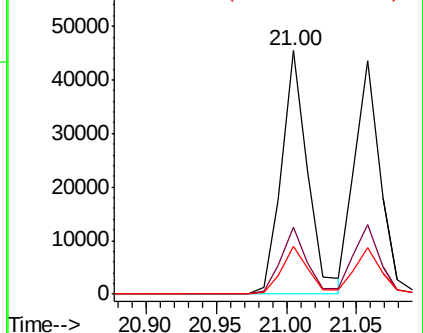
229 19.5 16.1 24.1



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: 0.743 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

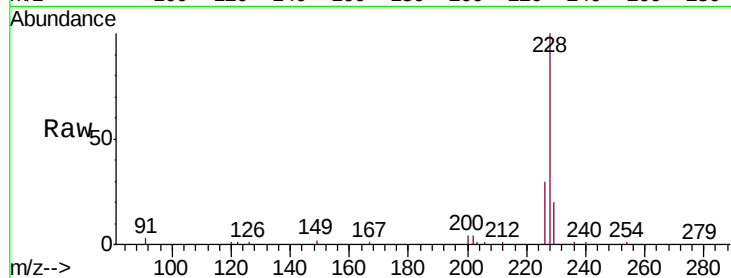
Tgt Ion:228 Resp: 55354

Ion Ratio Lower Upper

228 100

226 29.7 23.5 35.3

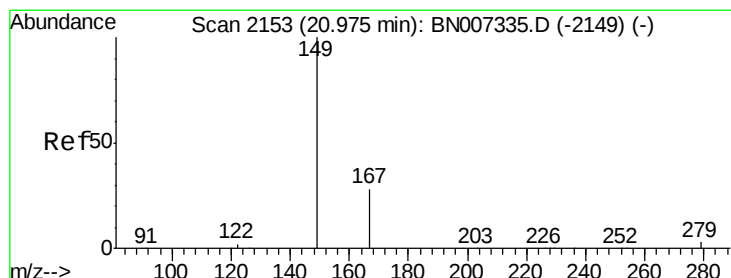
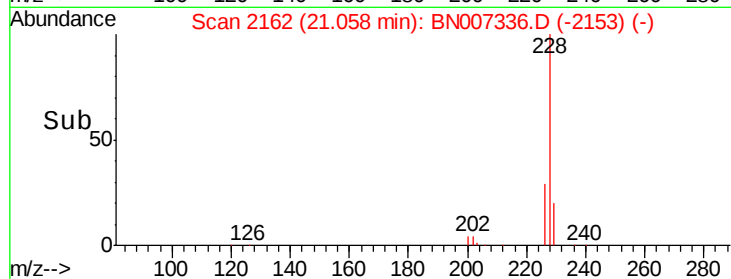
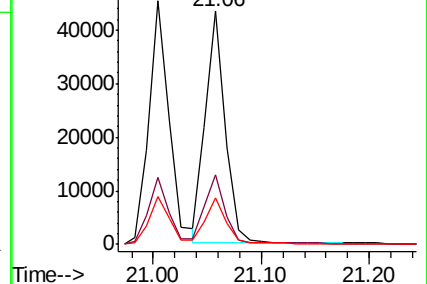
229 20.0 16.6 24.8



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: 1.161 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

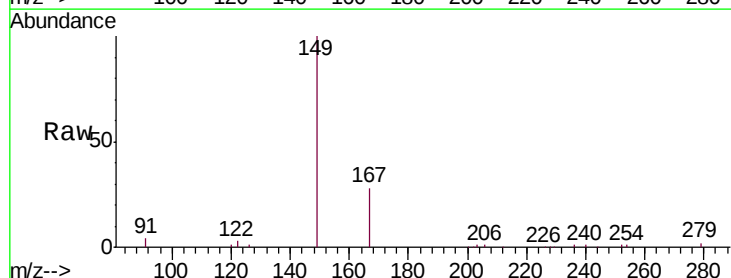
Tgt Ion:149 Resp: 38577

Ion Ratio Lower Upper

149 100

167 28.0 22.8 34.2

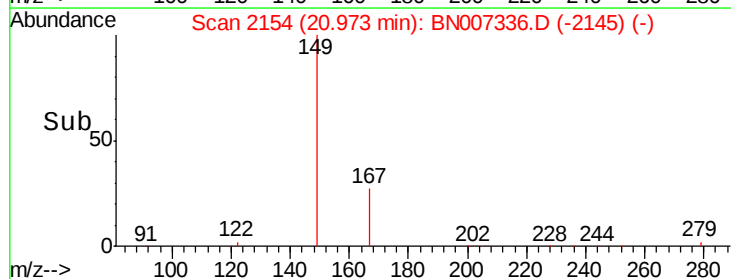
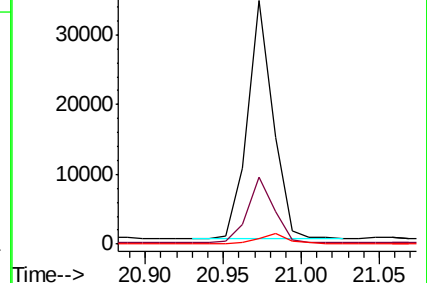
279 4.3 3.5 5.3



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: 0.760 ng

RT: 25.19 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

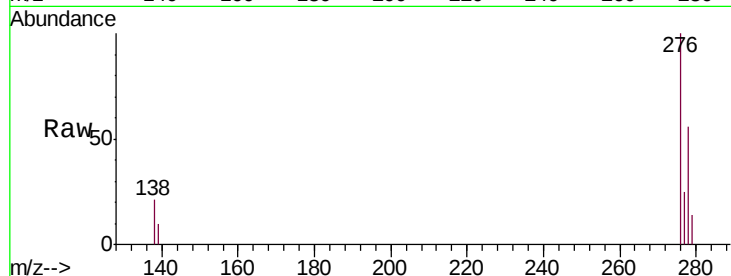
Tgt Ion:276 Resp: 68008

Ion Ratio Lower Upper

276 100

138 20.2 15.1 22.7

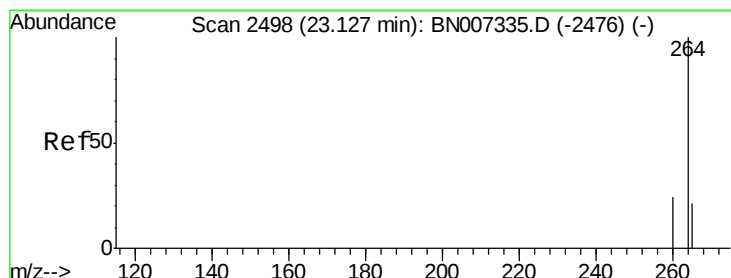
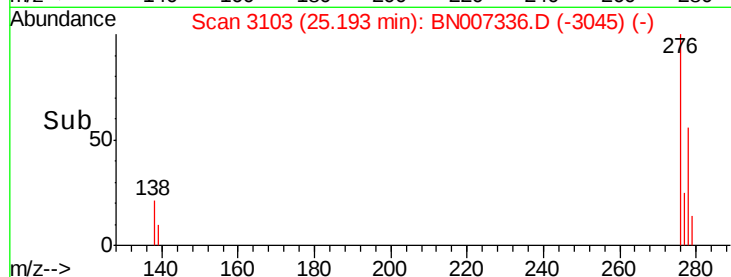
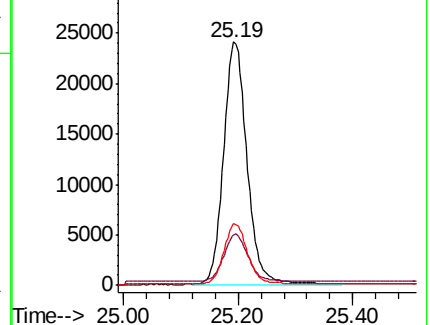
277 25.0 19.7 29.5



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# 2499

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

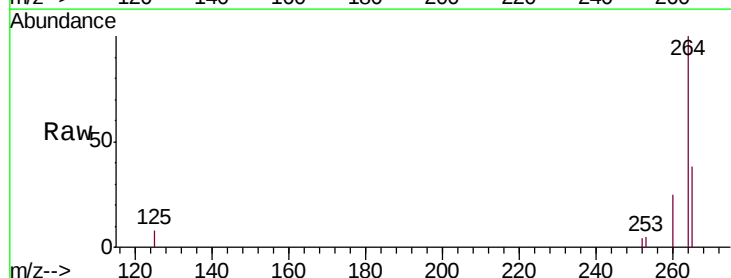
Tgt Ion:264 Resp: 21161

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

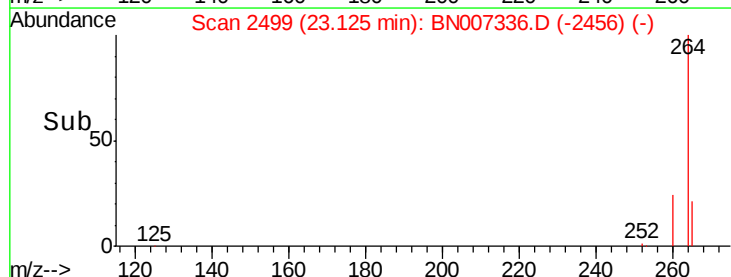
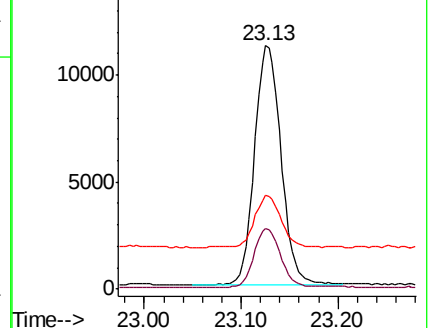
265 38.4 29.9 44.9

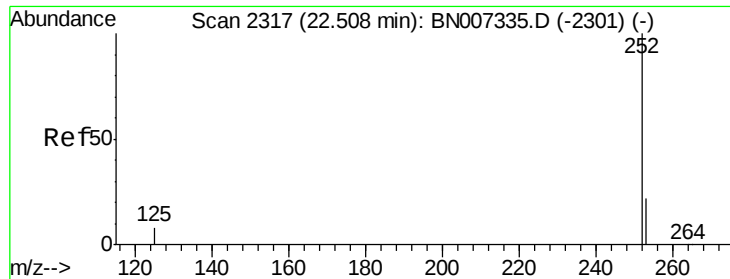


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.732 ng

RT: 22.55 min Scan# 2331

Delta R.T. 0.04 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

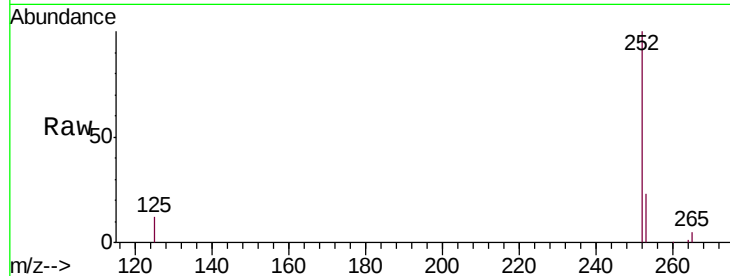
Tgt Ion:252 Resp: 57594

Ion Ratio Lower Upper

252 100

253 23.4 19.2 28.8

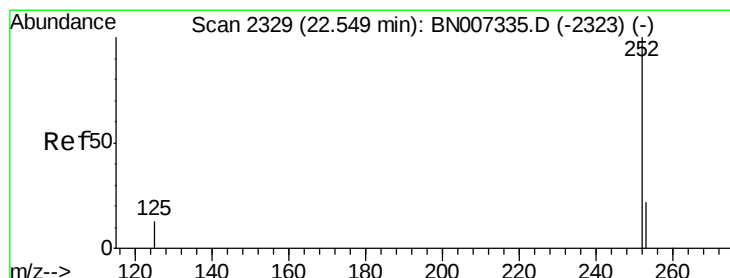
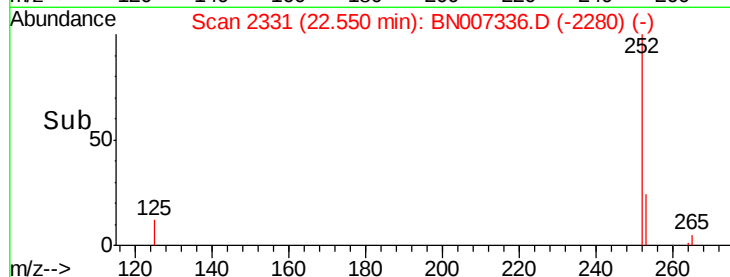
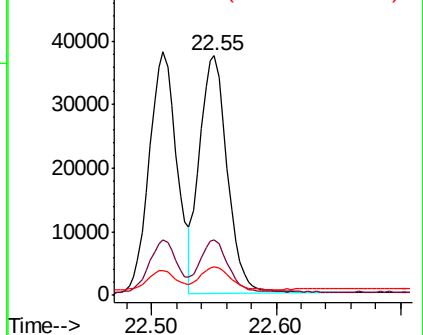
125 12.1 10.6 16.0



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: 0.747 ng

RT: 22.55 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

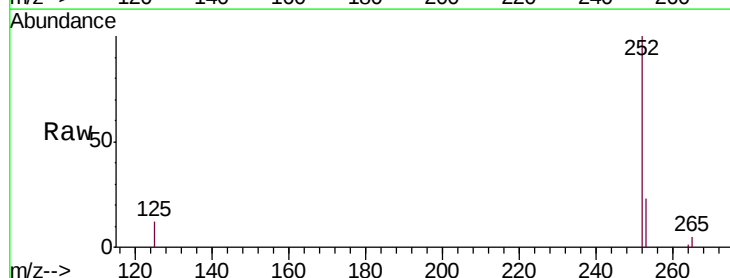
Tgt Ion:252 Resp: 57594

Ion Ratio Lower Upper

252 100

253 23.4 19.4 29.2

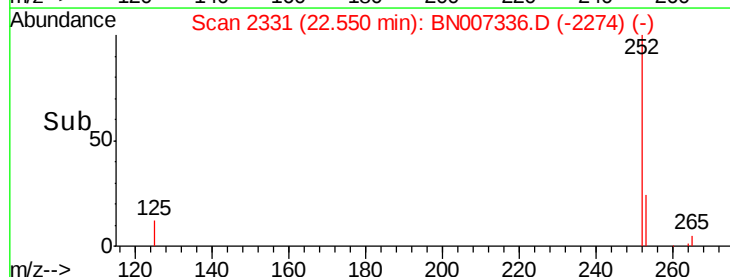
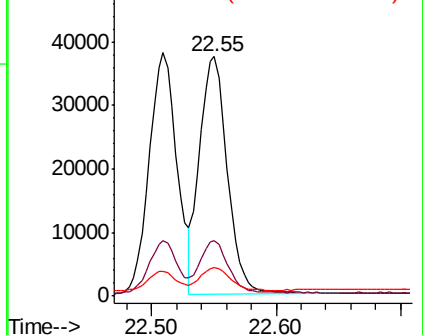
125 12.1 13.1 19.7#



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: 0.771 ng

RT: 23.04 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

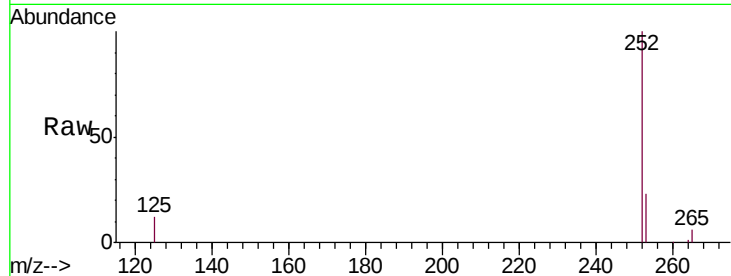
Tgt Ion:252 Resp: 55235

Ion Ratio Lower Upper

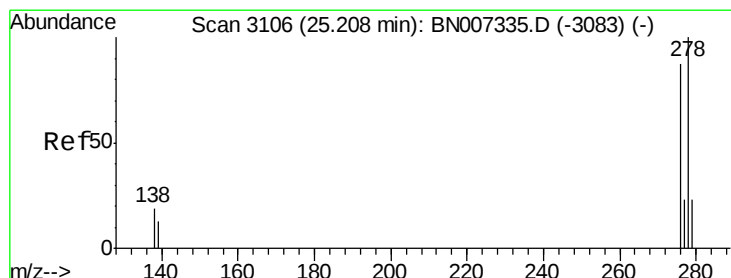
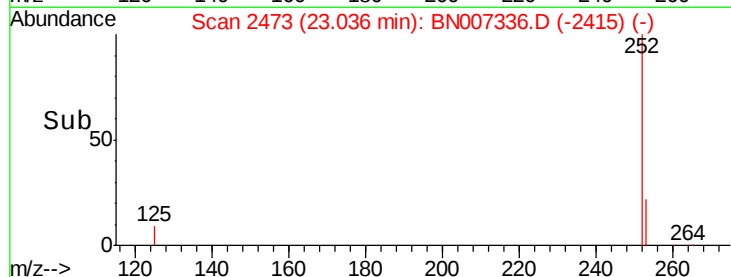
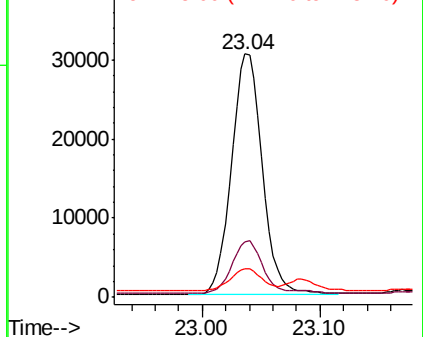
252 100

253 23.0 19.5 29.3

125 11.9 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: 0.743 ng

RT: 25.21 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BN007336.D

Acq: 23 Aug 2019 20:50

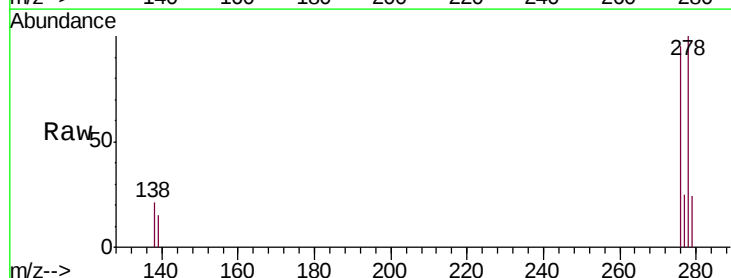
Tgt Ion:278 Resp: 55323

Ion Ratio Lower Upper

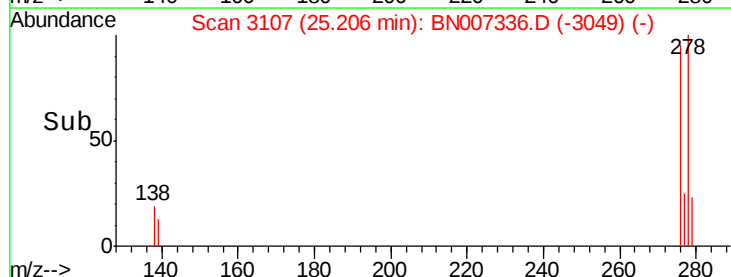
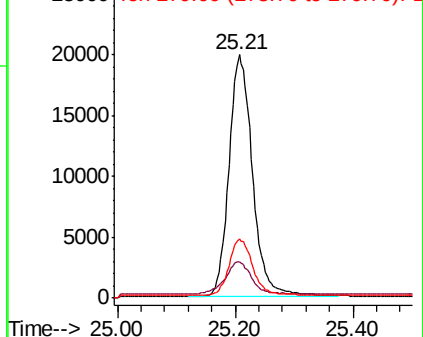
278 100

139 14.7 13.7 20.5

279 24.4 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: 0.734 ng

RT: 25.82 min Scan# 3286

Delta R.T. 0.00 min

Lab File: BN007336.D

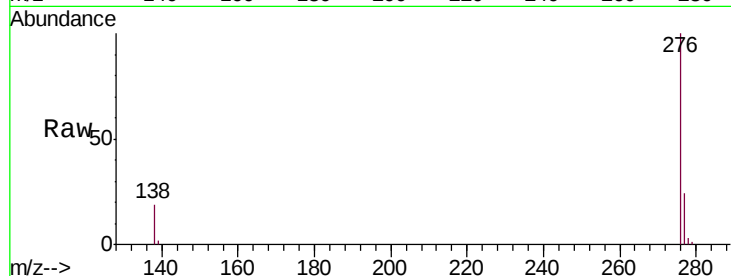
Acq: 23 Aug 2019 20:50

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8



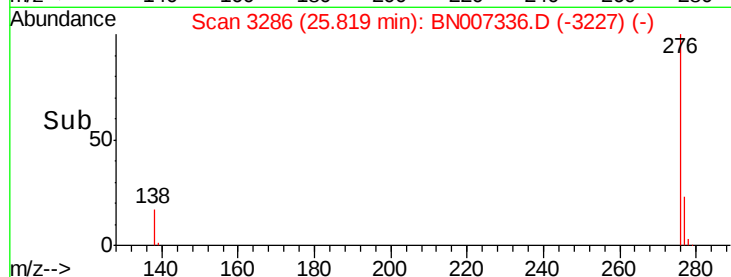
Tgt Ion: 276 Resp: 55105

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 19.2 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

