

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
 Data File : BN007579.D
 Acq On : 10 Sep 2019 16:50
 Operator : HP/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 10 17:26:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 16:53:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	4886	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	20412	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	11766	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	29116	0.40	ng	0.00
27) Chrysene-d12	21.28	240	29478	0.40	ng	-0.01
34) Perylene-d12	23.51	264	29292	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	5350	0.36	ng	0.00
5) Phenol-d6	6.90	99	6997	0.35	ng	0.00
8) Nitrobenzene-d5	8.86	82	5084	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	13643	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1476	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.98	172	19264	0.40	ng	0.00
25) Fluoranthene-d10	19.12	212	35295	0.37	ng	0.00
29) Terphenyl-d14	19.73	244	29816	0.39	ng	0.00

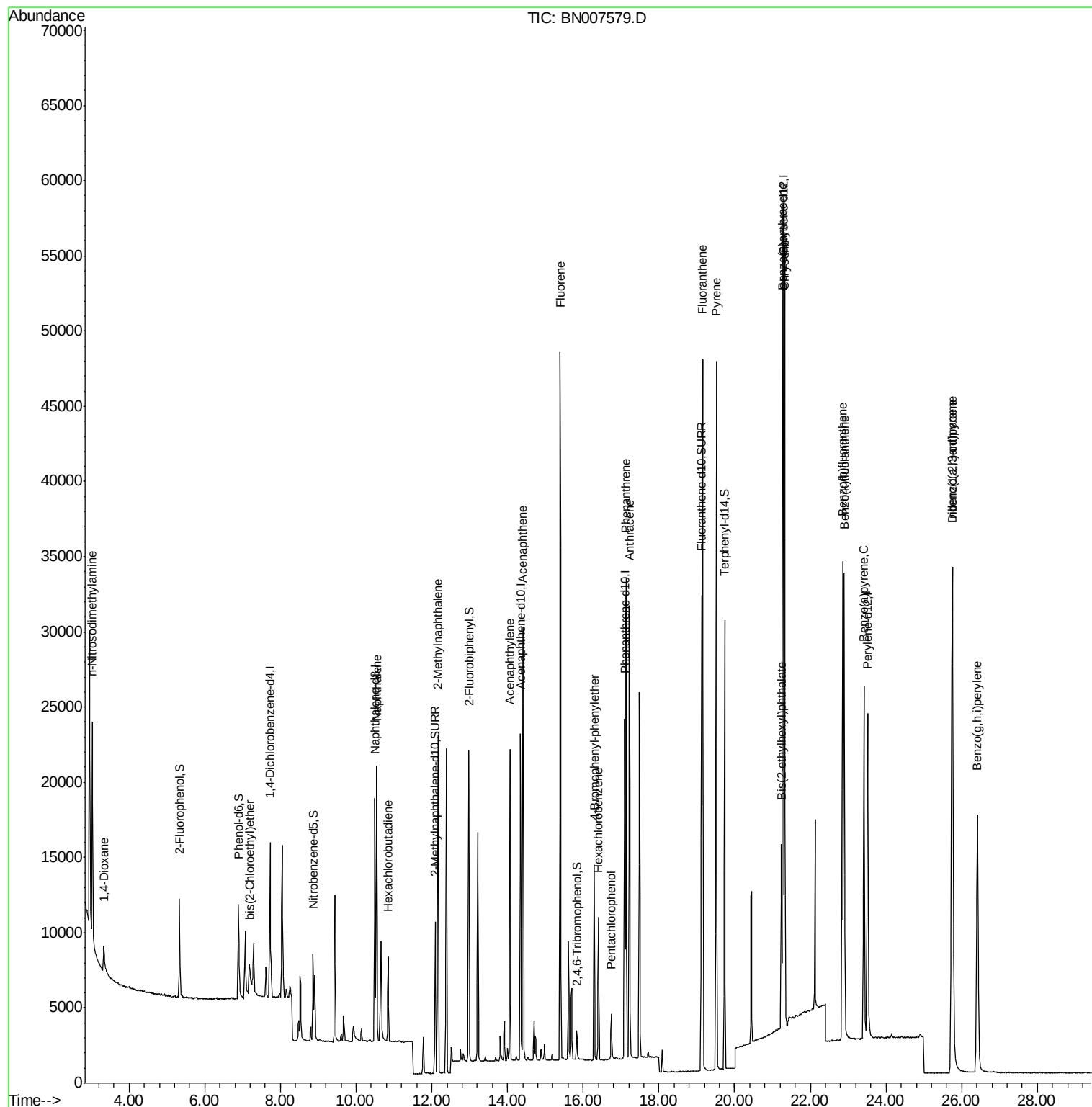
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	2061	0.462	ng	84
3) n-Nitrosodimethylamine	3.03	42	1486	0.509	ng	# 100
6) bis(2-Chloroethyl)ether	7.18	93	3185	0.425	ng	97
9) Naphthalene	10.54	128	22481	0.392	ng	100
10) Hexachlorobutadiene	10.85	225	4541	0.394	ng	# 99
12) 2-Methylnaphthalene	12.16	142	15592	0.387	ng	99
16) Acenaphthylene	14.06	152	23739	0.376	ng	100
17) Acenaphthene	14.40	154	15325	0.384	ng	99
18) Fluorene	15.39	166	20035	0.381	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	6610	0.384	ng	93
21) Hexachlorobenzene	16.40	284	7023	0.388	ng	99
22) Pentachlorophenol	16.74	266	1634	0.451	ng	99
23) Phenanthrene	17.13	178	34523	0.384	ng	99
24) Anthracene	17.22	178	30526	0.368	ng	100
26) Fluoranthene	19.15	202	41023	0.376	ng	100
28) Pyrene	19.52	202	41224	0.389	ng	100
30) Benzo(a)anthracene	21.27	228	38621	0.366	ng	99
31) Chrysene	21.32	228	41960	0.392	ng	99
32) Bis(2-ethylhexyl)phthalate	21.24	149	11634	0.322	ng	98
33) Indeno(1,2,3-cd)pyrene	25.74	276	43030	0.380	ng	# 100
35) Benzo(b)fluoranthene	22.85	252	40034	0.384	ng	100
36) Benzo(k)fluoranthene	22.89	252	39919	0.388	ng	100
37) Benzo(a)pyrene	23.42	252	34989	0.378	ng	99
38) Dibenzo(a,h)anthracene	25.76	278	35641	0.383	ng	99
39) Benzo(g,h,i)perylene	26.41	276	36468	0.387	ng	100

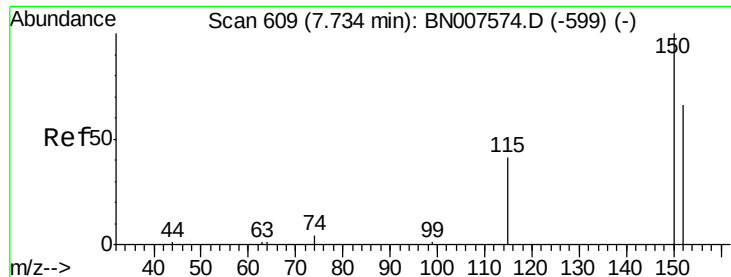
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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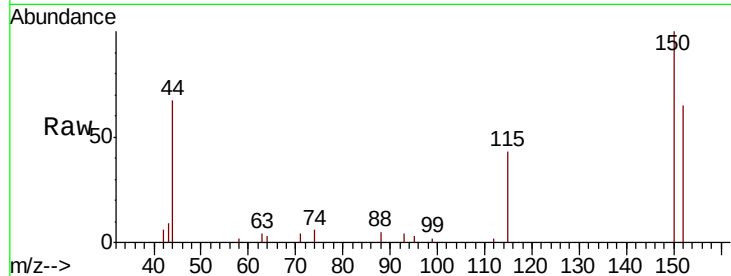


#1

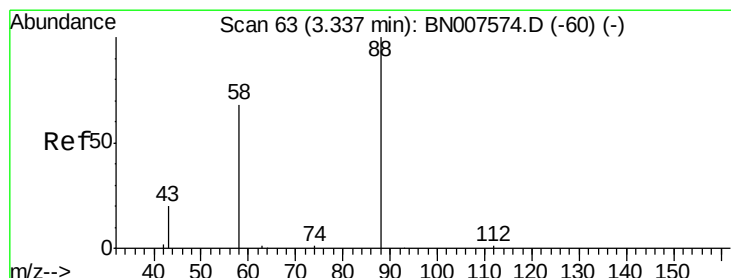
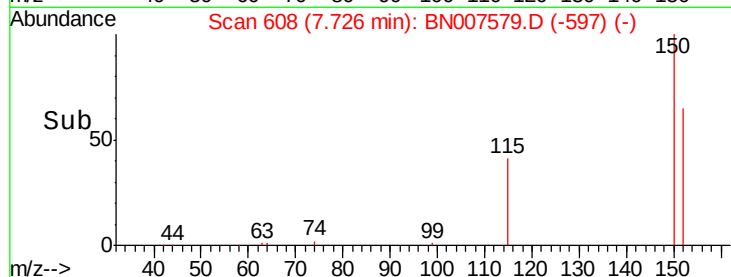
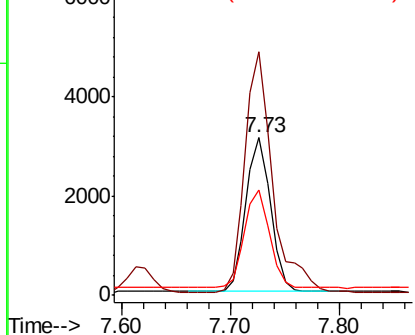
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007579.D
Acq: 10 Sep 2019 16:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4886
Ion Ratio Lower Upper
152 100
150 154.8 119.5 179.3
115 67.3 53.0 79.6



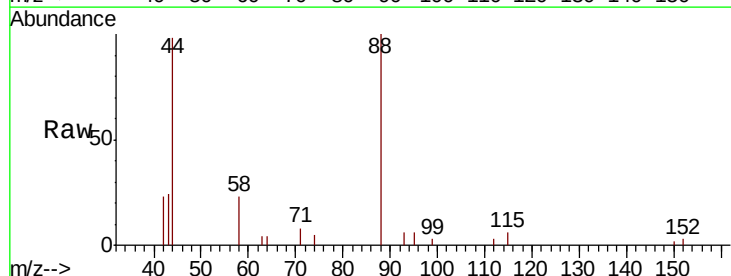
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



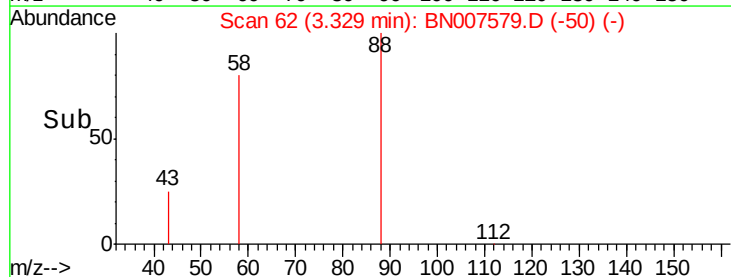
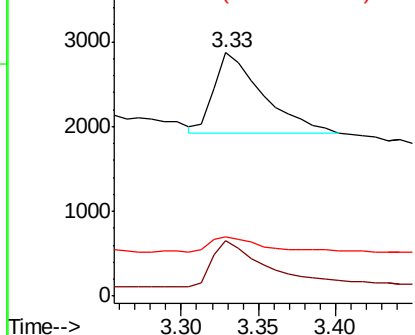
#2

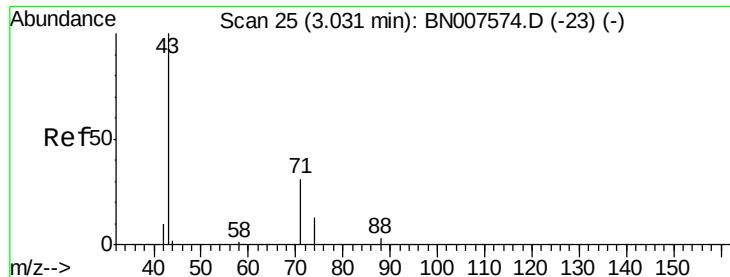
1,4-Dioxane
Concen: 0.462 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007579.D
Acq: 10 Sep 2019 16:50

Tgt Ion: 88 Resp: 2061
Ion Ratio Lower Upper
88 100
58 64.9 64.6 96.8
43 19.2 19.2 28.8



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: 0.509 ng

RT: 3.03 min Scan# 25

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Instrument :

BNA_N

ClientSampleId :

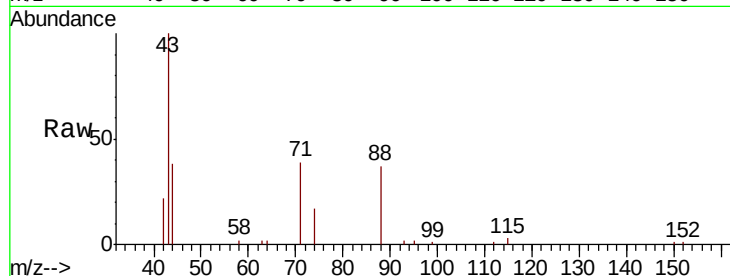
Tot Ion: 42 Resp: 1486

Ion Ratio Lower Upper

42 100

74 117.1 0.0 0.0#

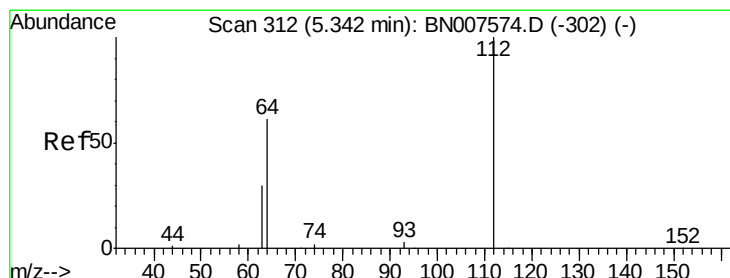
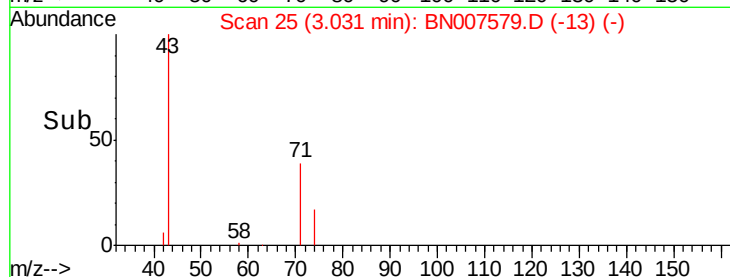
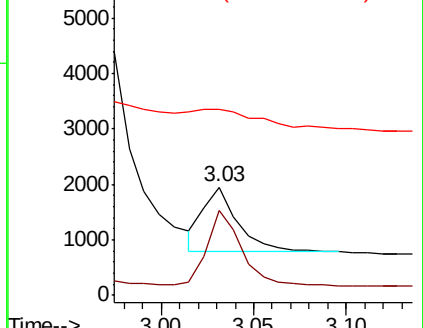
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.360 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

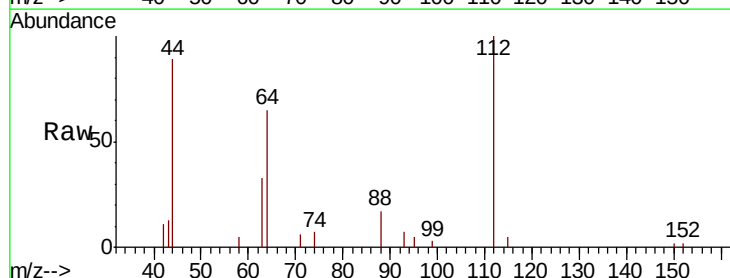
Tgt Ion: 112 Resp: 5350

Ion Ratio Lower Upper

112 100

64 61.2 49.2 73.8

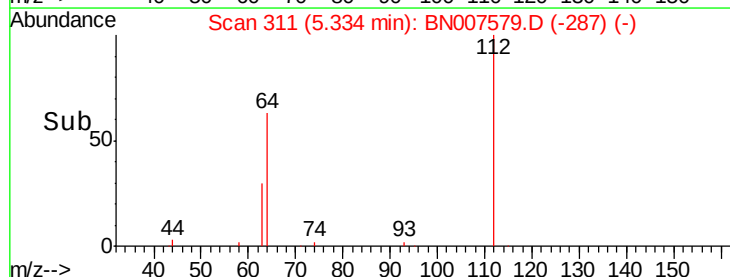
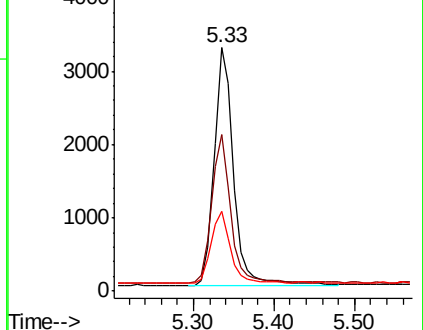
63 30.3 26.0 39.0

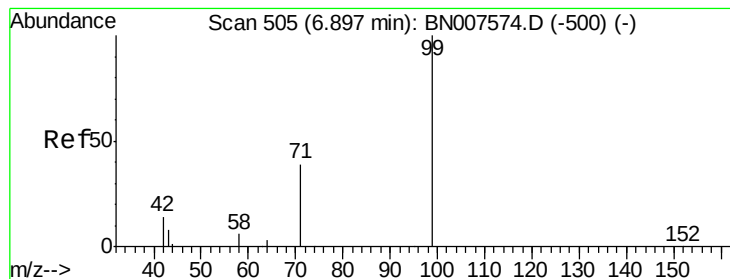


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.350 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Instrument :

BNA_N

ClientSampleId :

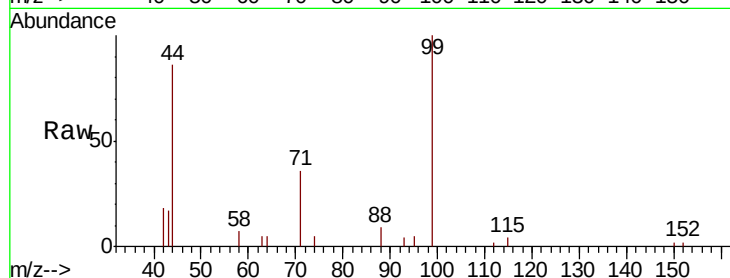
Tot Ion: 99 Resp: 6997

Ion Ratio Lower Upper

99 100

42 14.7 11.8 17.8

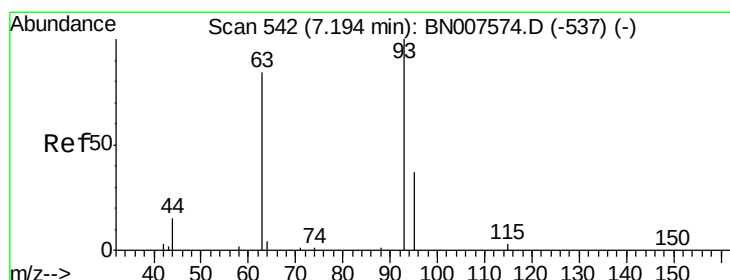
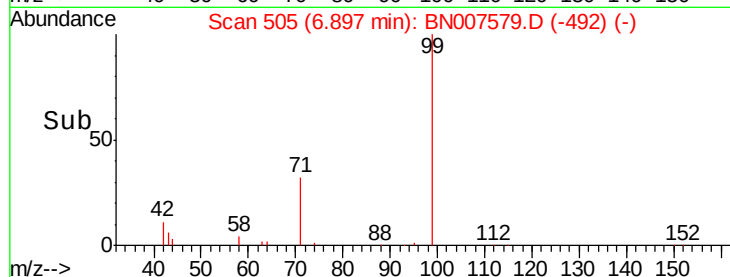
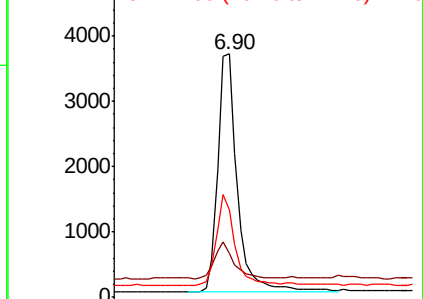
71 35.3 28.8 43.2



Abundance Ion 99.00 (98.70 to 99.70): BN007579.D (-517) (-)

Ion 42.00 (41.70 to 42.70): BN007579.D (-517) (-)

Ion 71.00 (70.70 to 71.70): BN007579.D (-517) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.425 ng

RT: 7.18 min Scan# 540

Delta R.T. -0.02 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

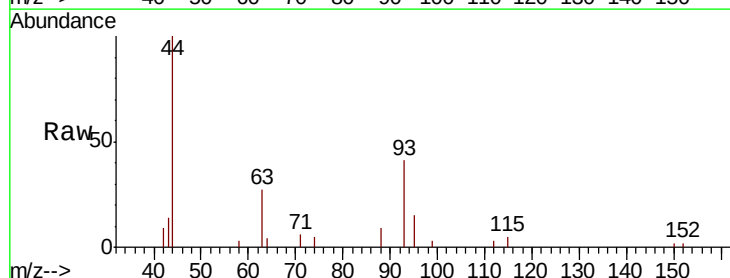
Tgt Ion: 93 Resp: 3185

Ion Ratio Lower Upper

93 100

63 84.4 69.8 104.6

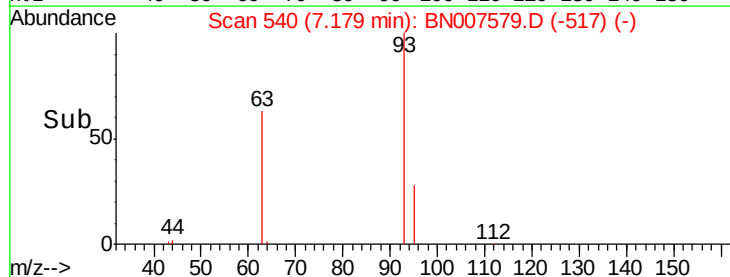
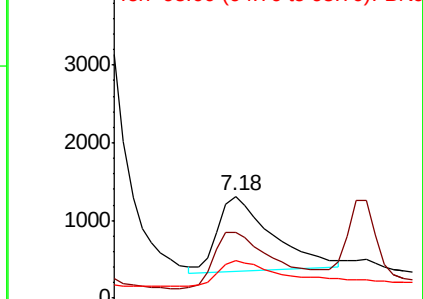
95 51.1 42.8 64.2

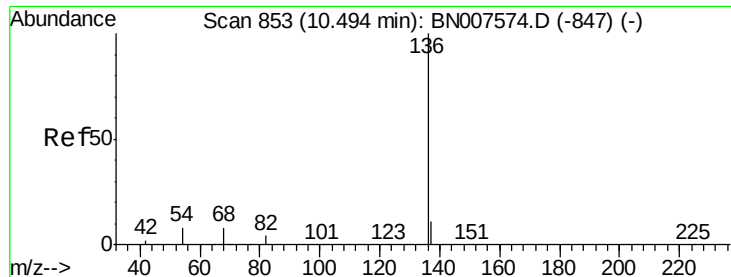


Abundance Ion 93.00 (92.70 to 93.70): BN007579.D (-517) (-)

Ion 63.00 (62.70 to 63.70): BN007579.D (-517) (-)

Ion 95.00 (94.70 to 95.70): BN007579.D (-517) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 20412

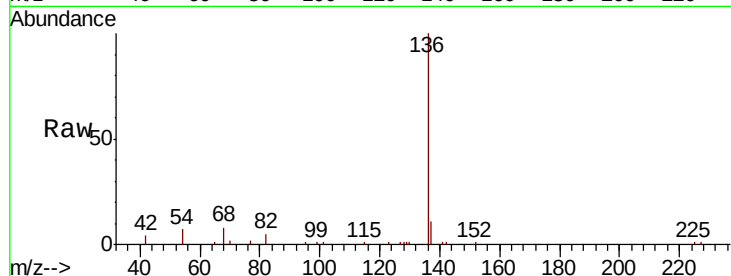
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.4 7.5 11.3#

68 8.2 7.9 11.9

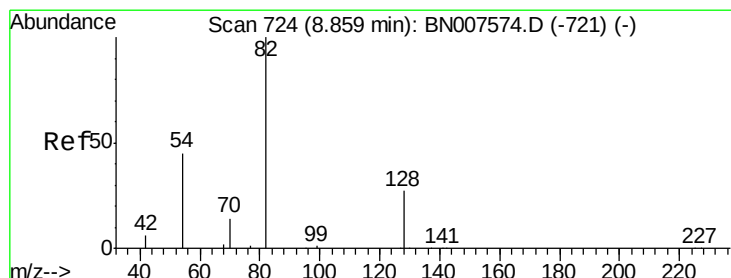
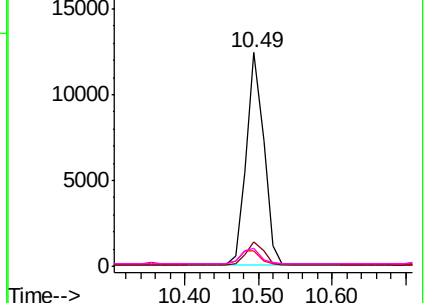
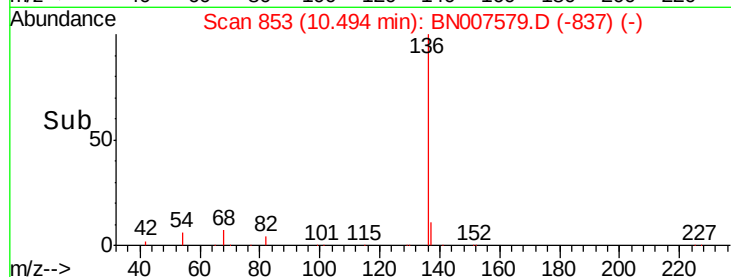


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.409 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

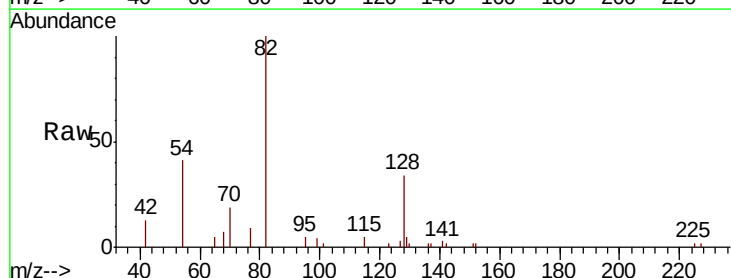
Tgt Ion: 82 Resp: 5084

Ion Ratio Lower Upper

82 100

128 33.9 23.4 35.2

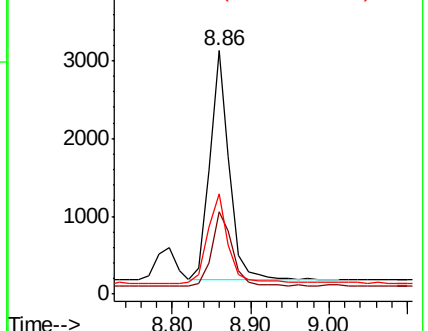
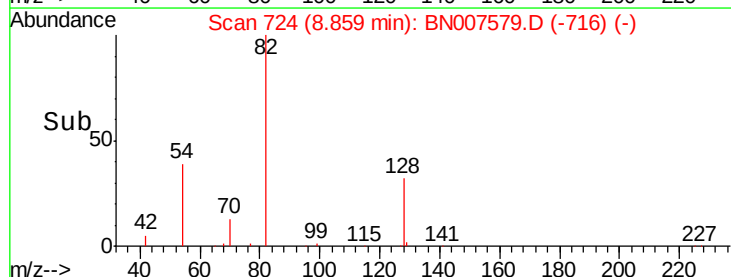
54 41.1 38.2 57.2

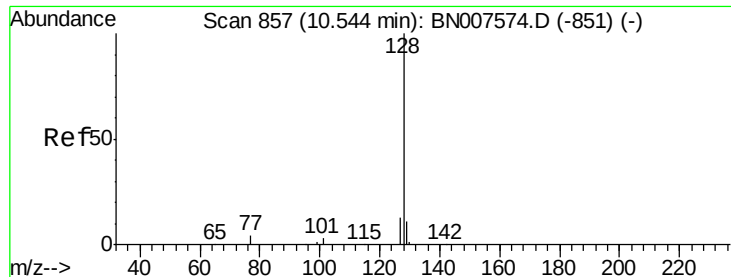


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.392 ng

RT: 10.54 min Scan# 857

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Instrument :

BNA_N

ClientSampleId :

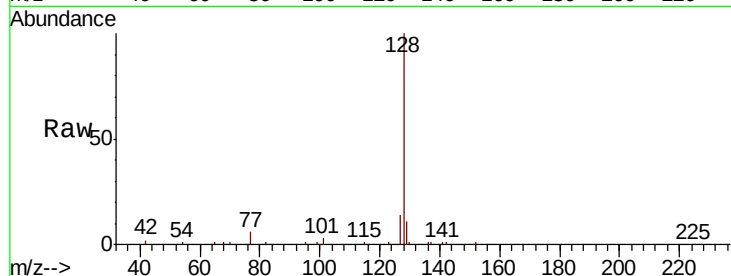
Tot Ion:128 Resp: 22481

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

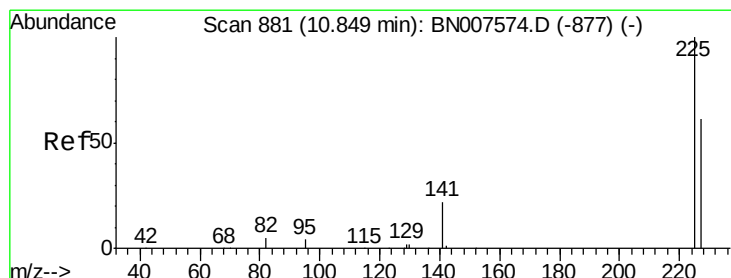
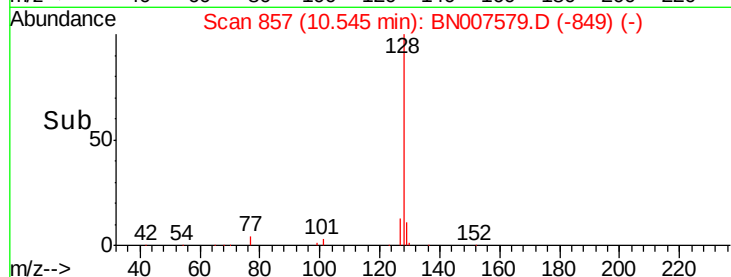
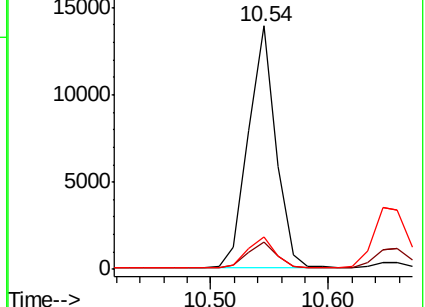
127 13.6 11.0 16.4



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: 0.394 ng

RT: 10.85 min Scan# 881

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

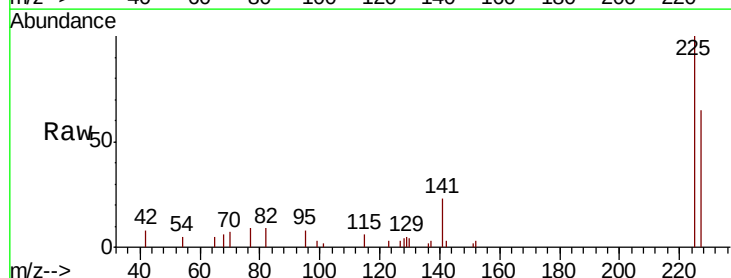
Tgt Ion:225 Resp: 4541

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

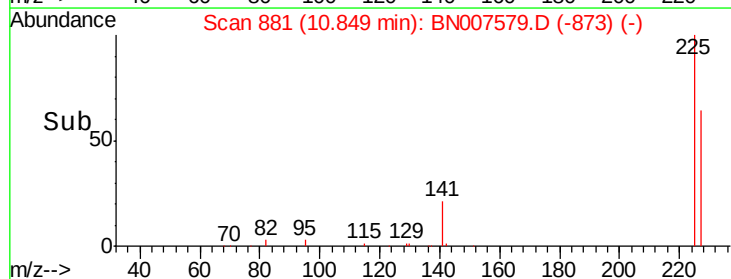
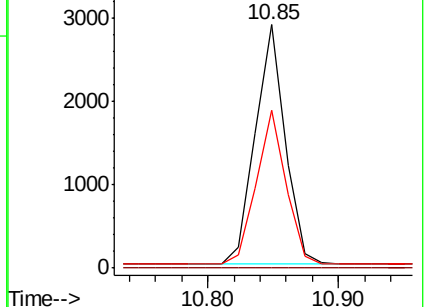
227 63.6 50.4 75.6

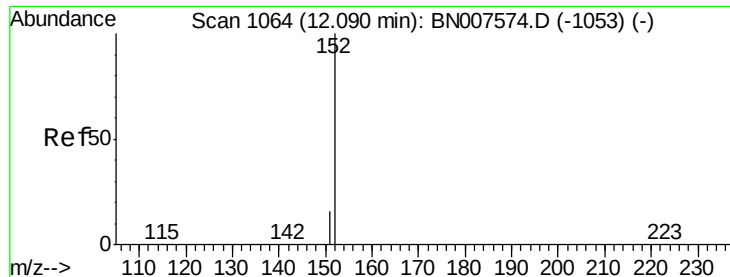


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

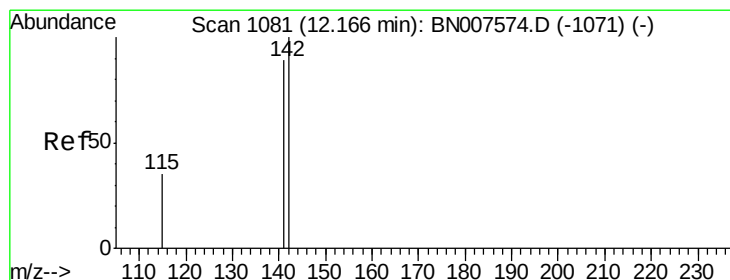
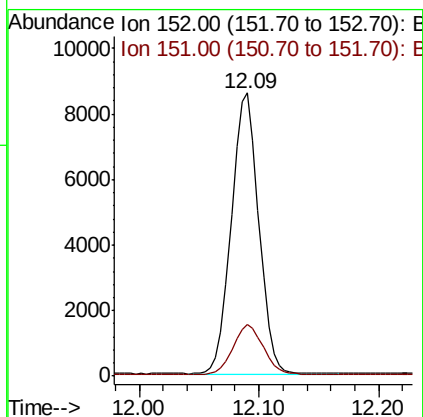
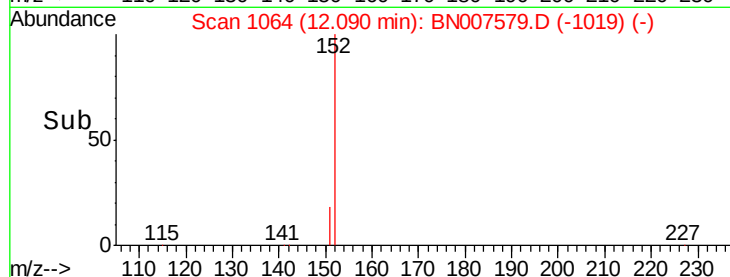
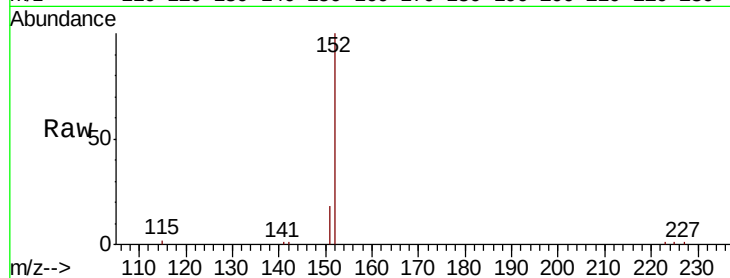




#11
 2-Methylnaphthalene-d10
 Concen: 0.387 ng
 RT: 12.09 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BN007579.D
 Acq: 10 Sep 2019 16:50

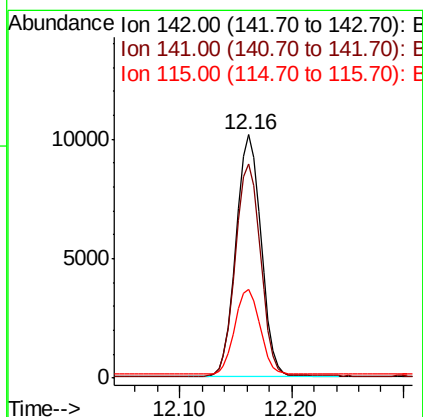
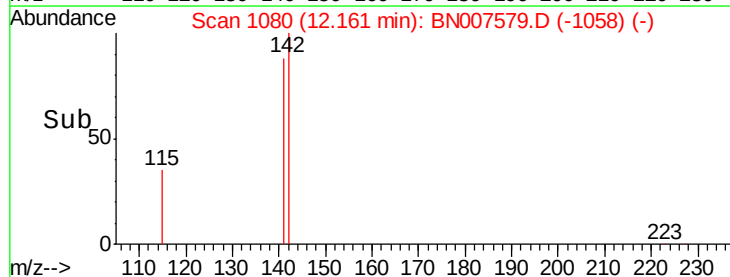
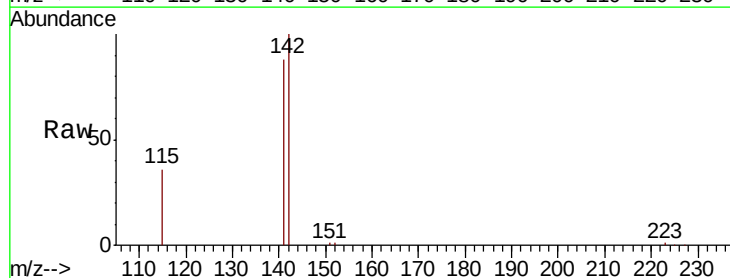
Instrument :
 BNA_N
 ClientSampleId :

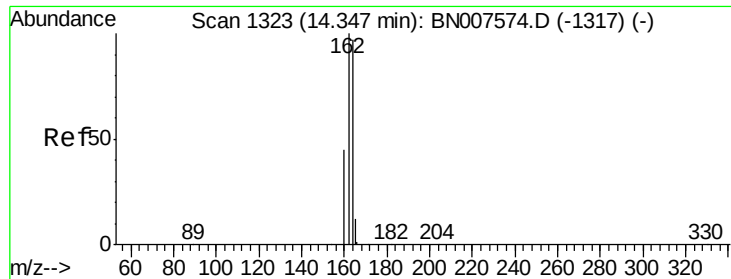
Tot Ion:152 Resp: 13643
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.387 ng
 RT: 12.16 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BN007579.D
 Acq: 10 Sep 2019 16:50

Tgt Ion:142 Resp: 15592
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.0 106.6
 115 36.2 29.1 43.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.35 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Instrument :

BNA_N

ClientSampleId :

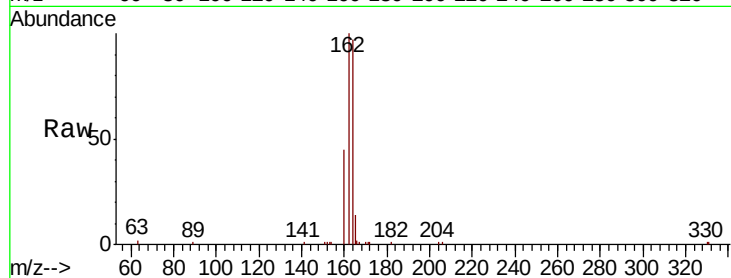
Tot Ion:164 Resp: 11766

Ion Ratio Lower Upper

164 100

162 102.6 82.2 123.2

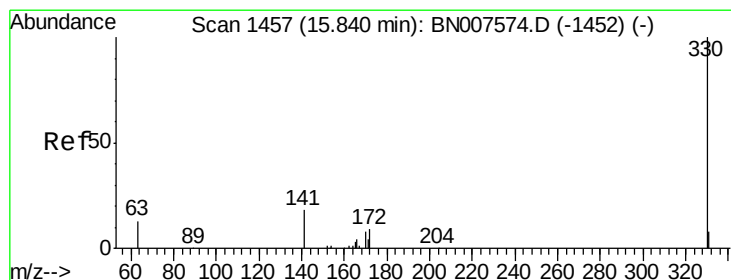
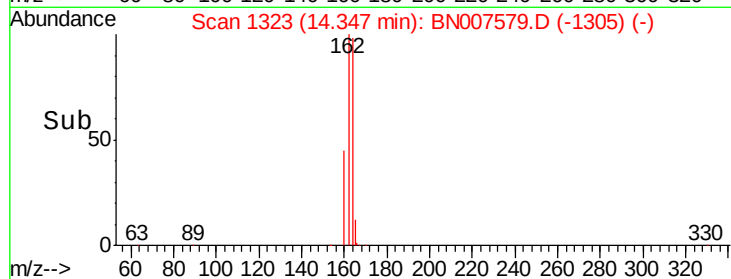
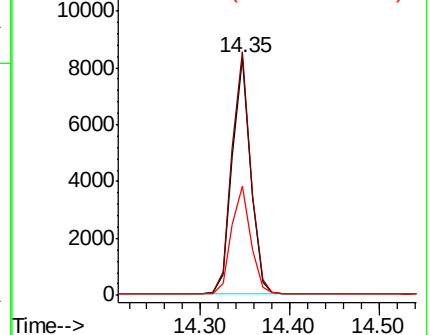
160 46.1 37.4 56.0



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: 0.330 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

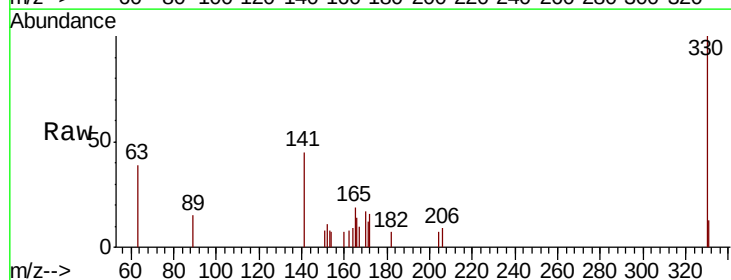
Tgt Ion:330 Resp: 1476

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

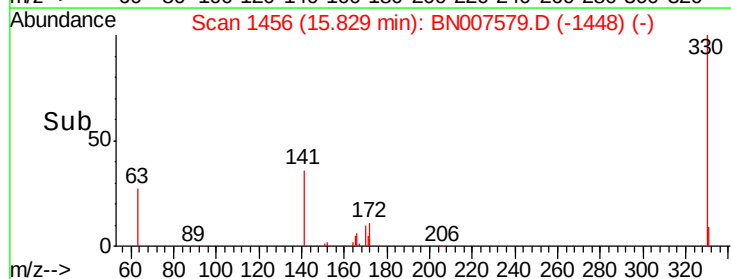
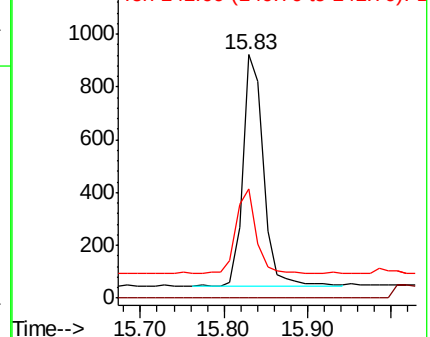
141 36.9 30.6 45.8

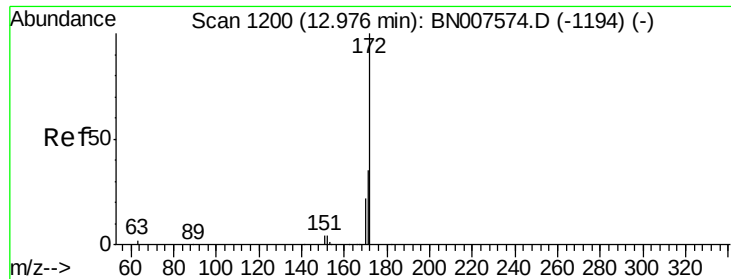


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

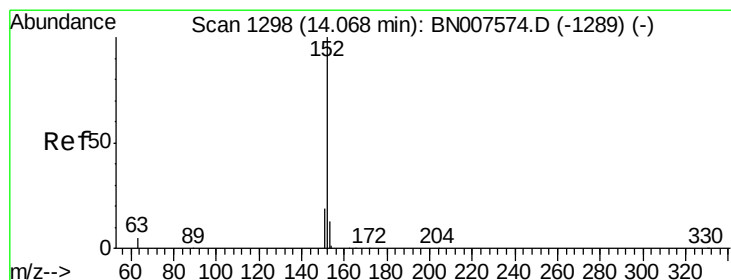
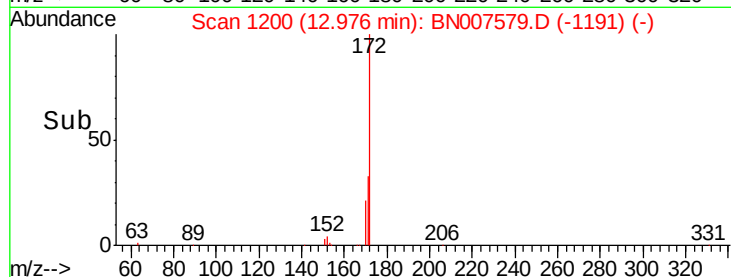
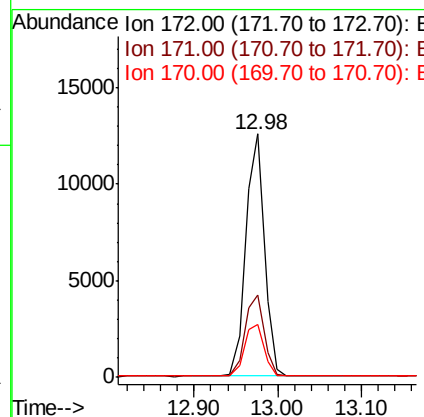
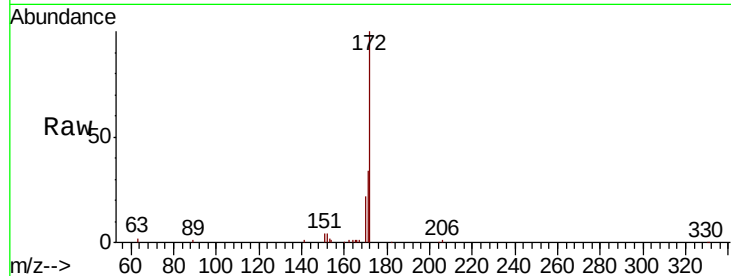




#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.98 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BN007579.D
Acq: 10 Sep 2019 16:50

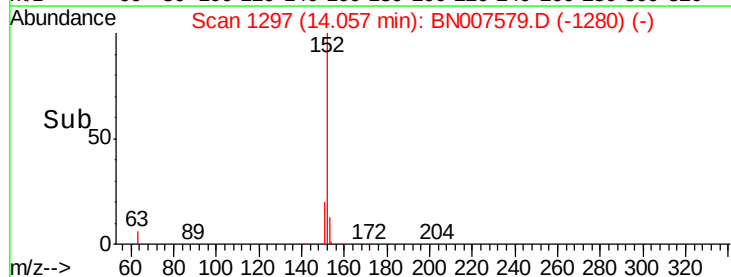
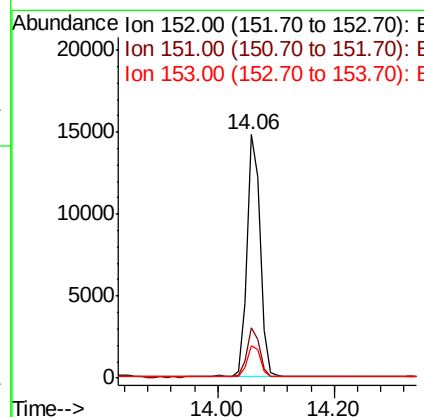
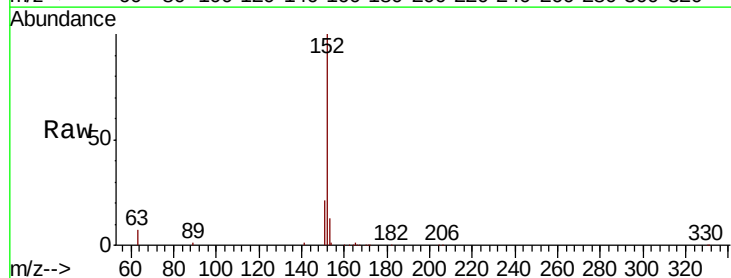
Instrument :
BNA_N
ClientSampleId :

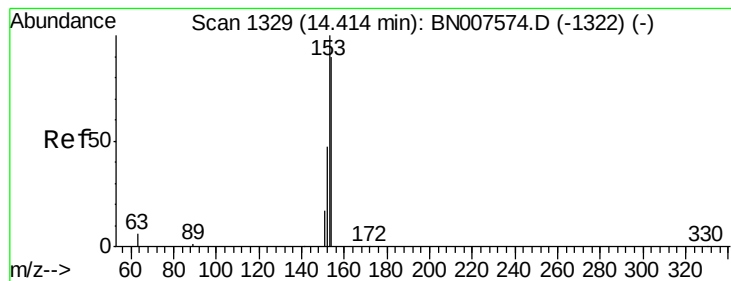
Tot Ion:172 Resp: 19264
Ion Ratio Lower Upper
172 100
171 33.7 28.2 42.2
170 21.7 18.3 27.5



#16
Acenaphthylene
Concen: 0.376 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BN007579.D
Acq: 10 Sep 2019 16:50

Tgt Ion:152 Resp: 23739
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.384 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Instrument :

BNA_N

ClientSampleId :

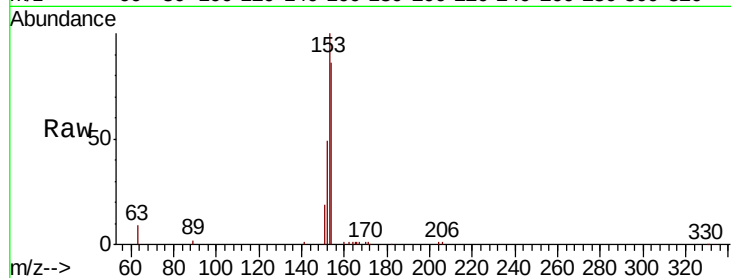
Tot Ion:154 Resp: 15325

Ion Ratio Lower Upper

154 100

153 112.1 89.4 134.2

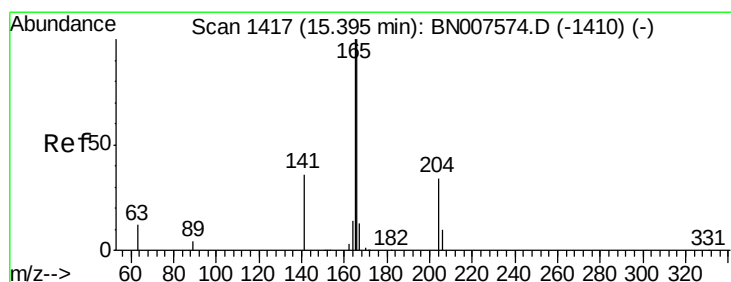
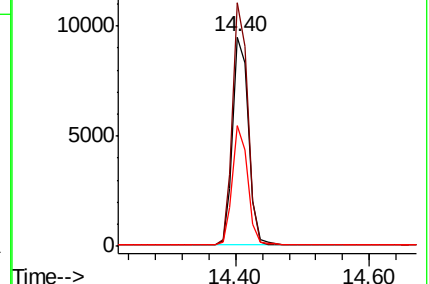
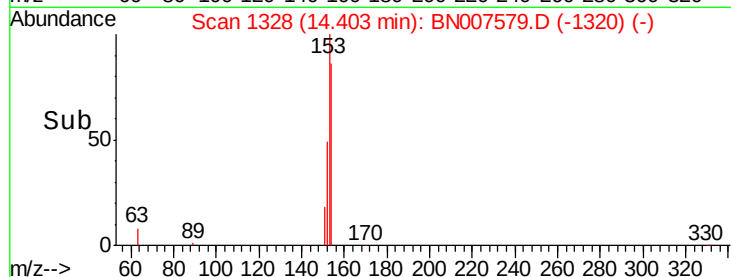
152 55.1 43.4 65.0



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: 0.381 ng

RT: 15.39 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

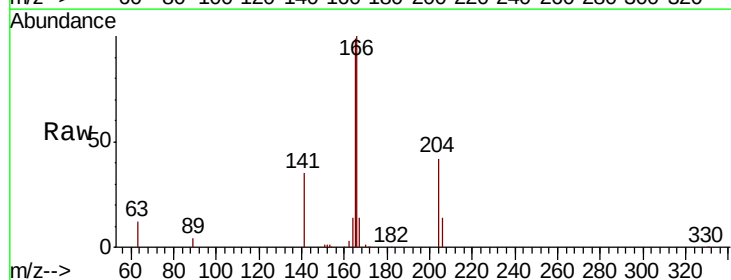
Tgt Ion:166 Resp: 20035

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.6

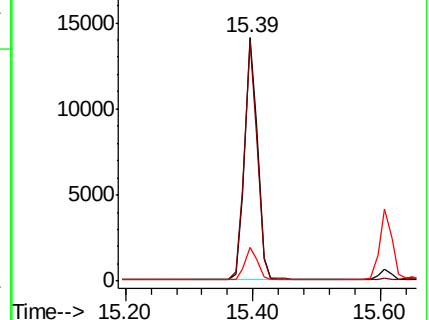
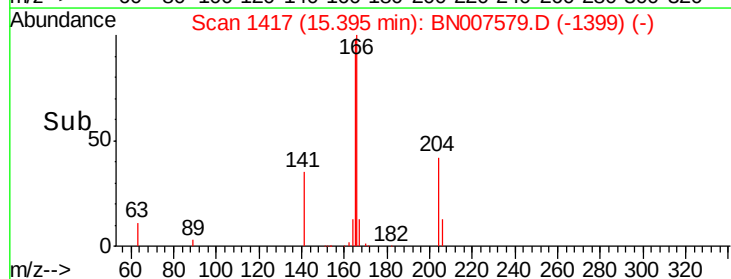
167 13.6 11.0 16.4

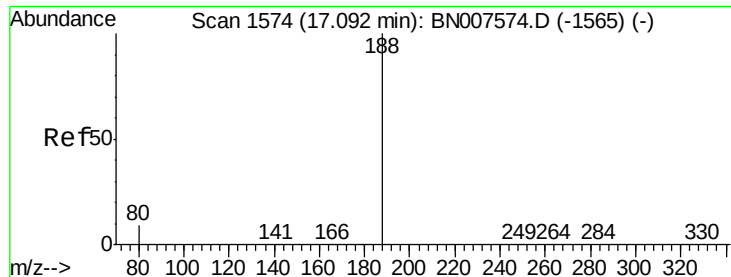


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Instrument :

BNA_N

ClientSampled :

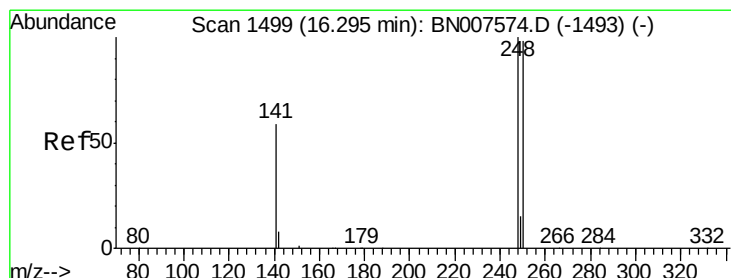
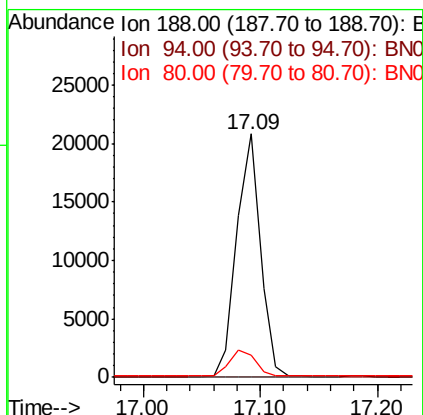
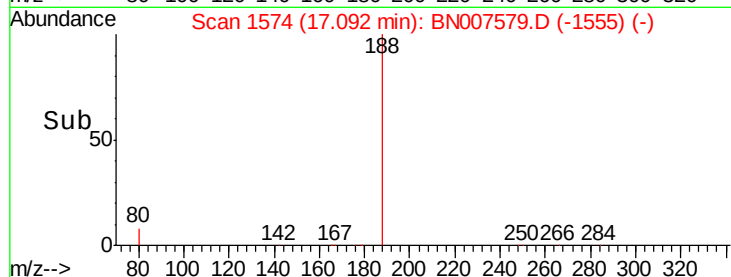
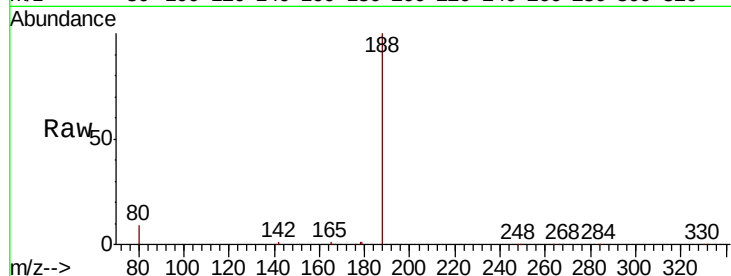
Tot Ion:188 Resp: 29116

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 8.1 12.1



#20

4-Bromophenyl-phenylether

Concen: 0.384 ng

RT: 16.29 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

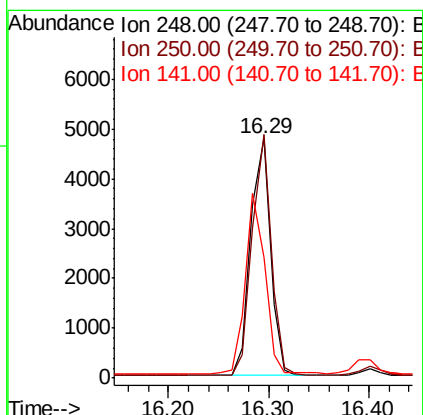
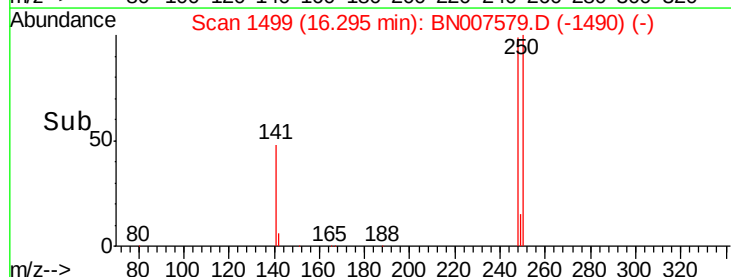
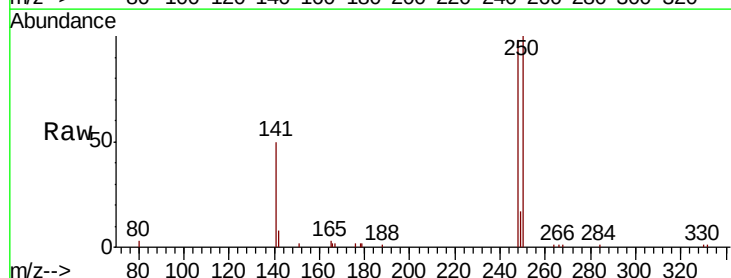
Tgt Ion:248 Resp: 6610

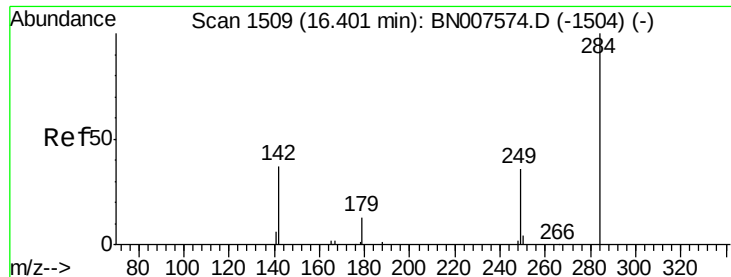
Ion Ratio Lower Upper

248 100

250 101.6 78.9 118.3

141 50.5 48.3 72.5





#21

Hexachlorobenzene

Concen: 0.388 ng

RT: 16.40 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Instrument :

BNA_N

ClientSampleId :

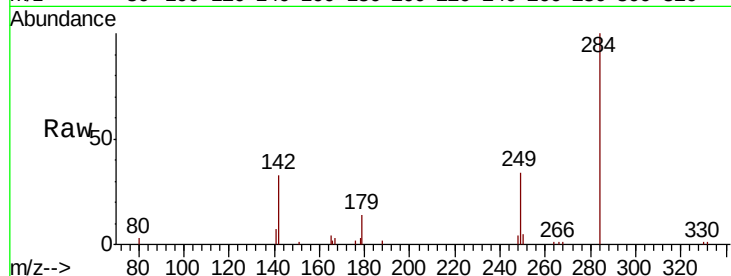
Tot Ion:284 Resp: 7023

Ion Ratio Lower Upper

284 100

142 35.8 27.9 41.9

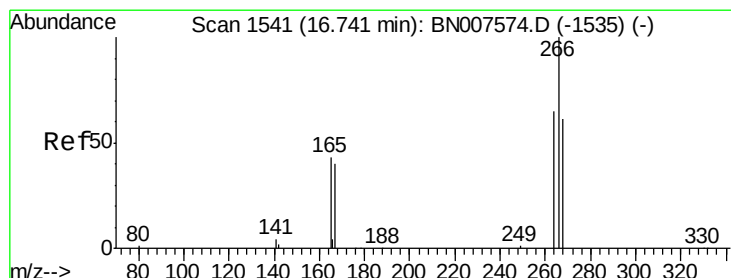
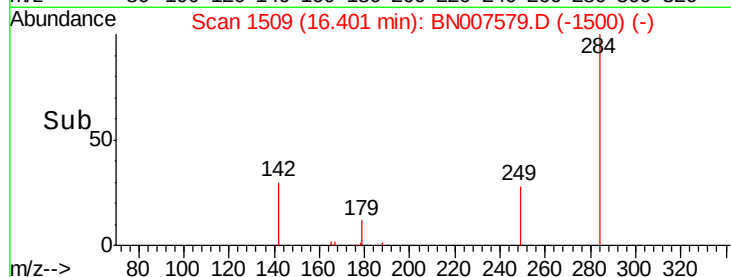
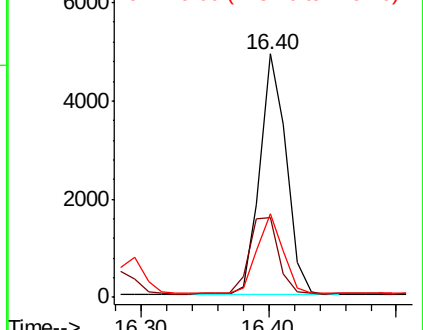
249 32.6 26.0 39.0



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: 0.451 ng

RT: 16.74 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

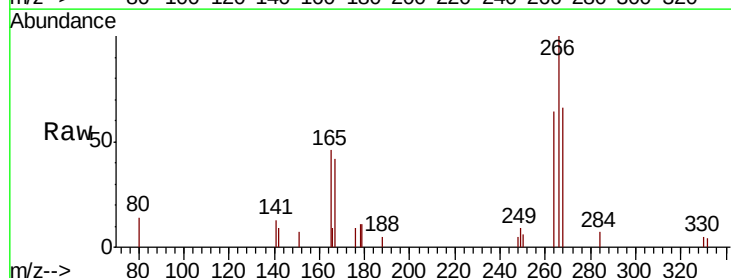
Tgt Ion:266 Resp: 1634

Ion Ratio Lower Upper

266 100

264 64.2 52.0 78.0

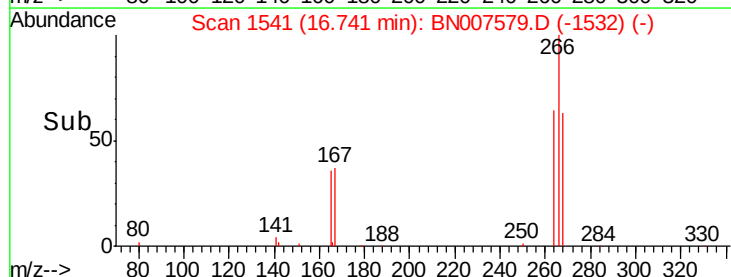
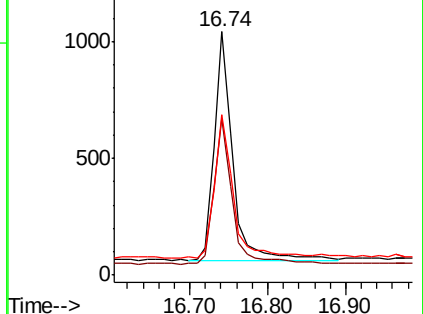
268 65.9 53.5 80.3

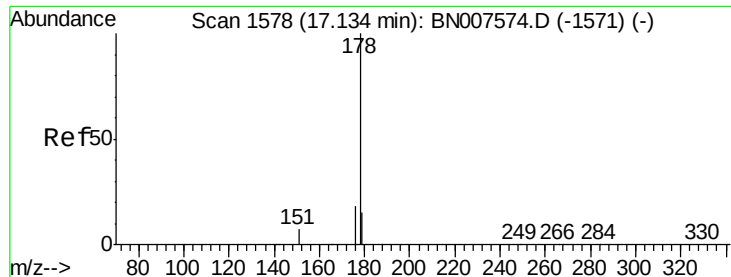


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.384 ng

RT: 17.13 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Instrument :

BNA_N

ClientSampleId :

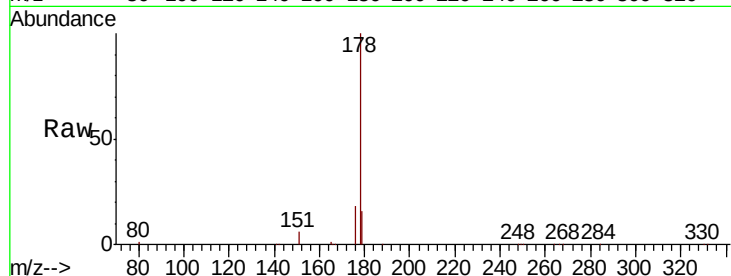
Tot Ion:178 Resp: 34523

Ion Ratio Lower Upper

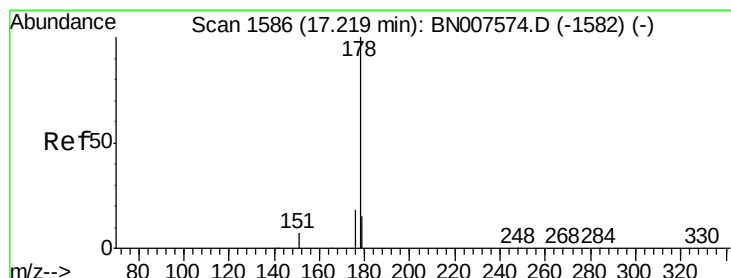
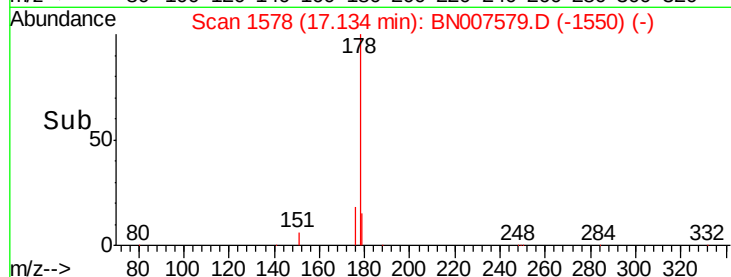
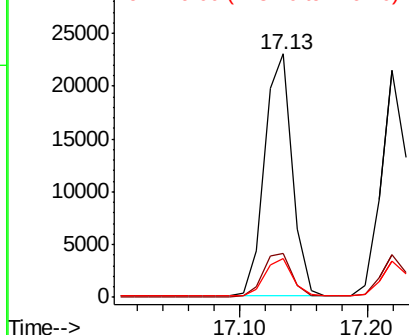
178 100

176 18.7 15.0 22.4

179 15.6 12.2 18.2



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: 0.368 ng

RT: 17.22 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

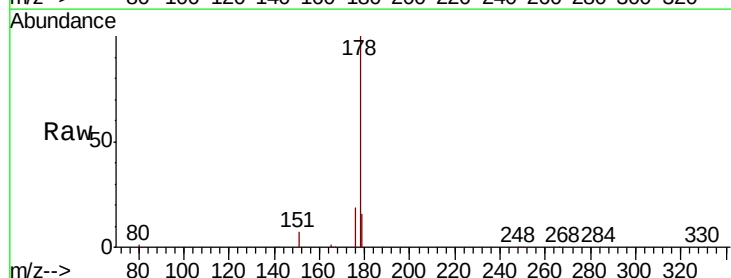
Tgt Ion:178 Resp: 30526

Ion Ratio Lower Upper

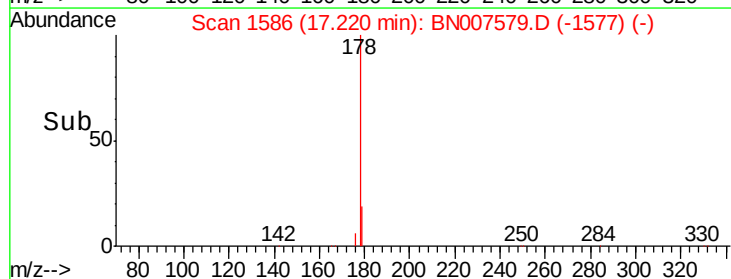
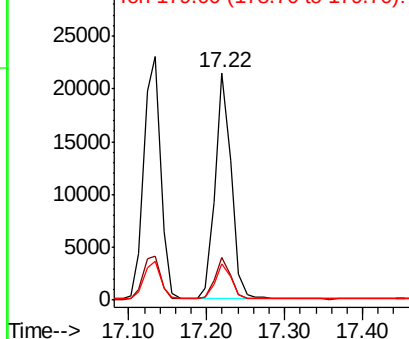
178 100

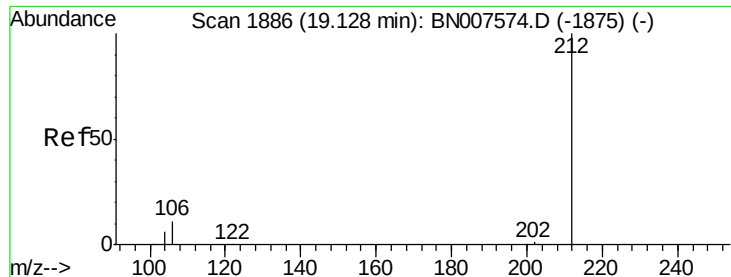
176 18.2 14.4 21.6

179 15.4 12.5 18.7



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: 0.373 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Instrument :

BNA_N

ClientSampleId :

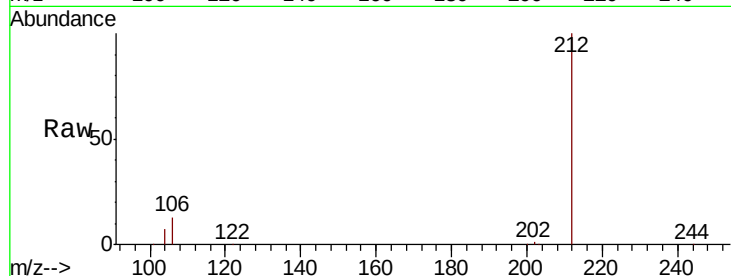
Tot Ion:212 Resp: 35295

Ion Ratio Lower Upper

212 100

106 12.1 9.7 14.5

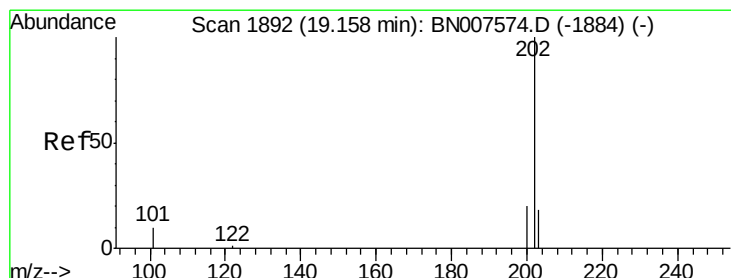
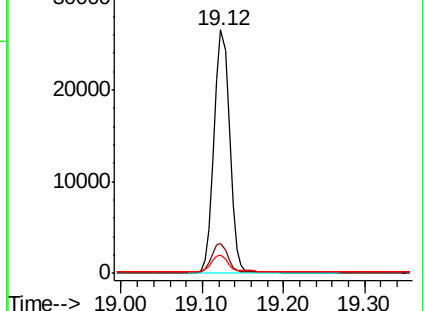
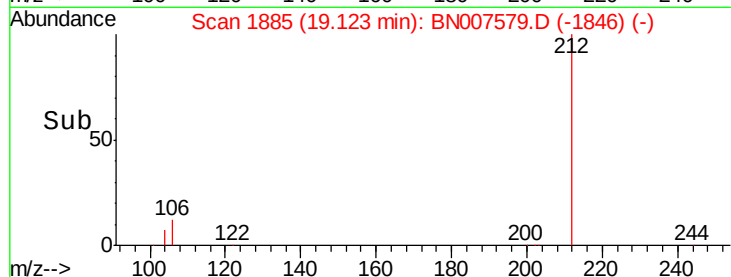
104 7.3 5.5 8.3



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: 0.376 ng

RT: 19.15 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

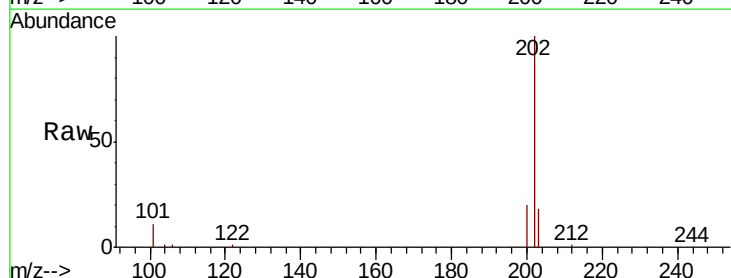
Tgt Ion:202 Resp: 41023

Ion Ratio Lower Upper

202 100

101 11.2 8.8 13.2

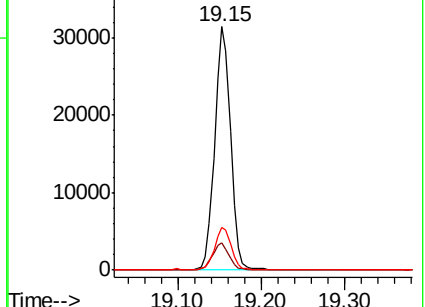
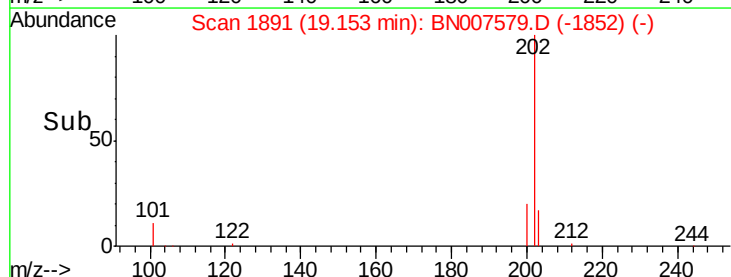
203 17.5 13.8 20.8

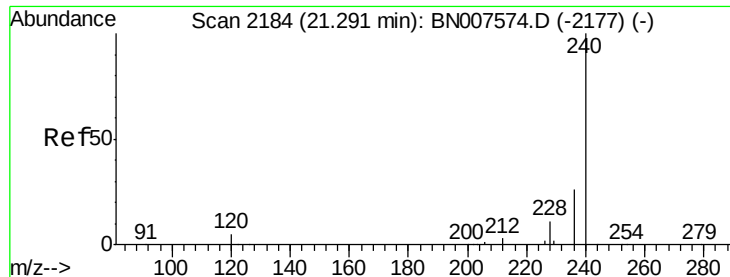


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Instrument :

BNA_N

ClientSampled :

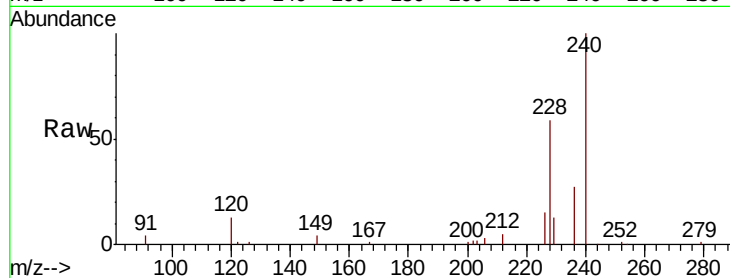
Tot Ion:240 Resp: 29478

Ion Ratio Lower Upper

240 100

120 13.0 5.0 7.4#

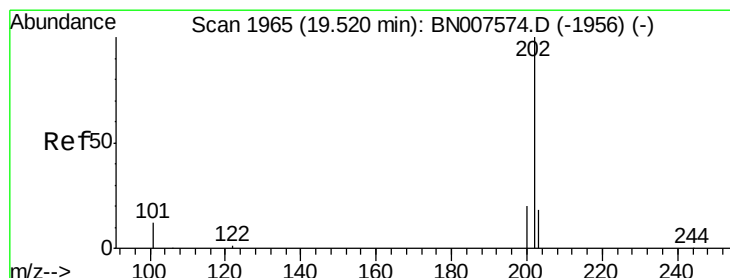
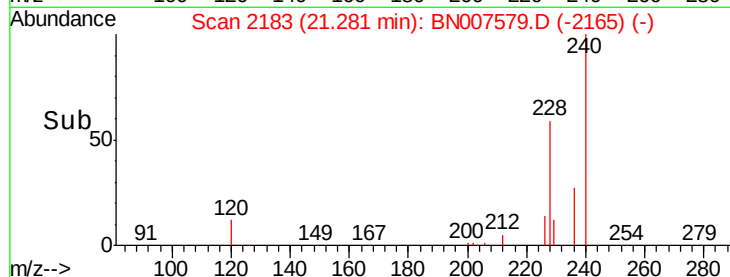
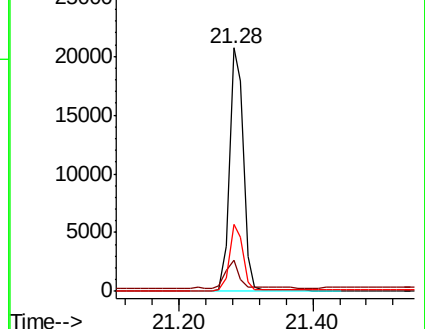
236 27.3 20.6 31.0



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: 0.389 ng

RT: 19.52 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

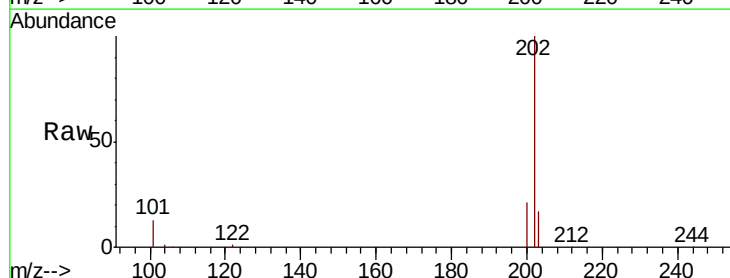
Tgt Ion:202 Resp: 41224

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

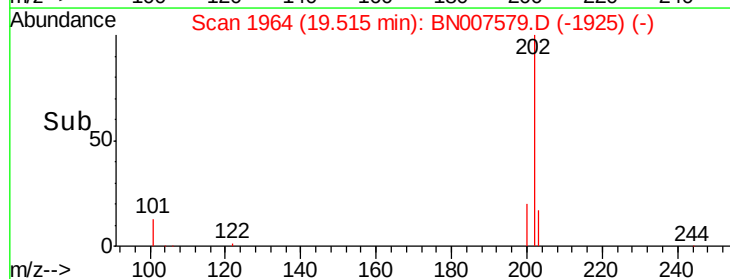
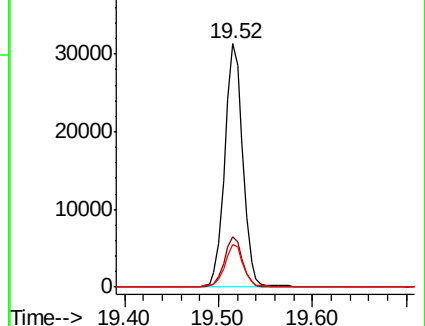
203 17.6 14.1 21.1

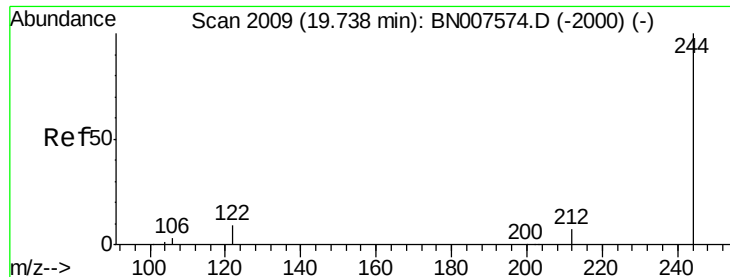


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.389 ng

RT: 19.73 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Instrument :

BNA_N

ClientSampleId :

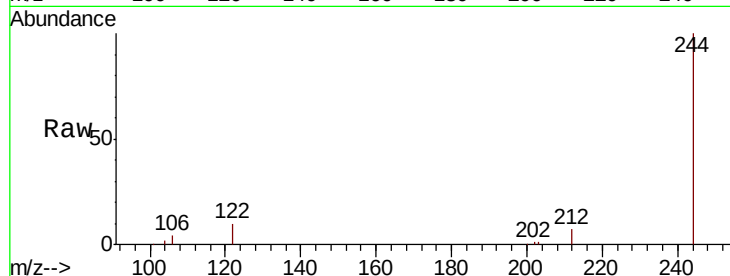
Tot Ion:244 Resp: 29816

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

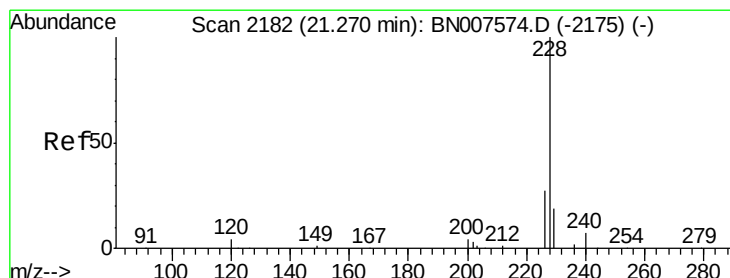
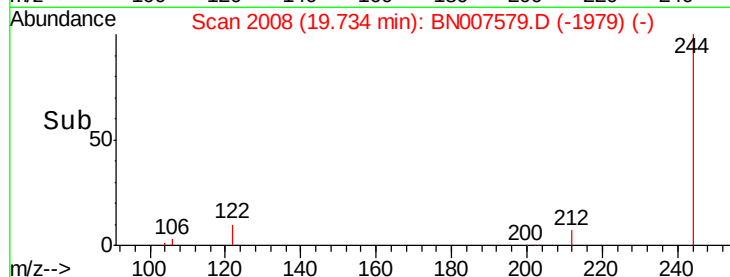
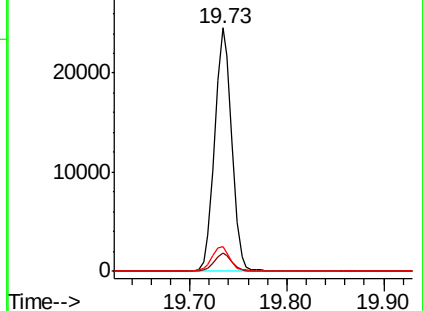
122 9.9 7.8 11.6



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: 0.366 ng

RT: 21.27 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

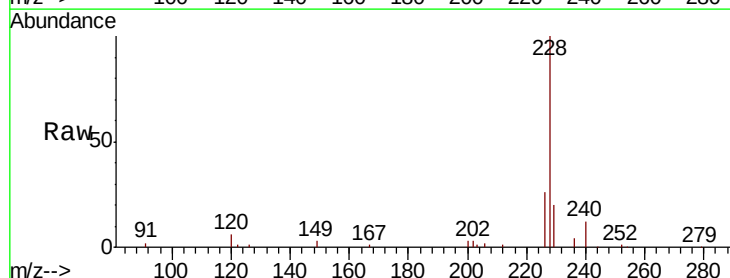
Tgt Ion:228 Resp: 38621

Ion Ratio Lower Upper

228 100

226 26.4 21.6 32.4

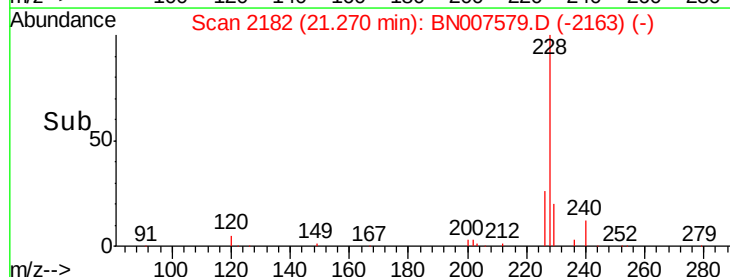
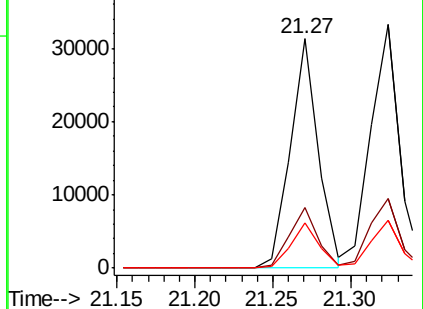
229 20.0 15.7 23.5

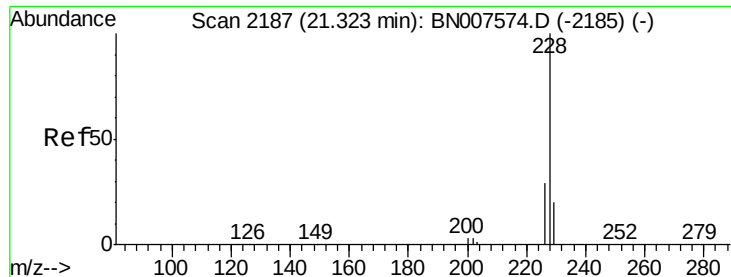


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.392 ng

RT: 21.32 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

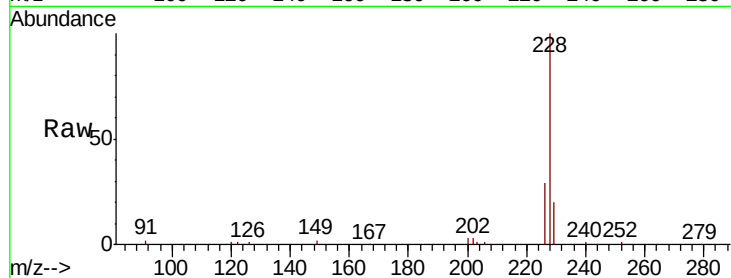
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 41960

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	19.8	15.7	23.5

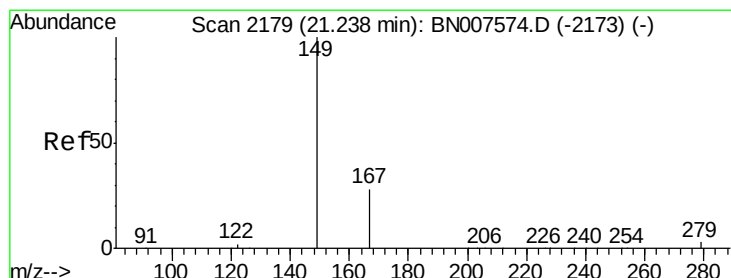
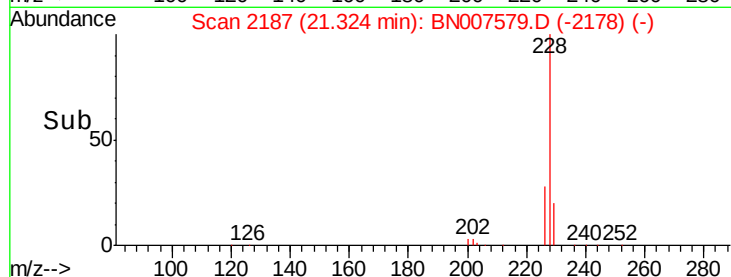
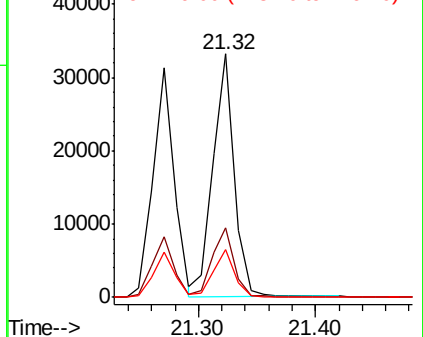


Abundance

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: 0.322 ng

RT: 21.24 min Scan# 2179

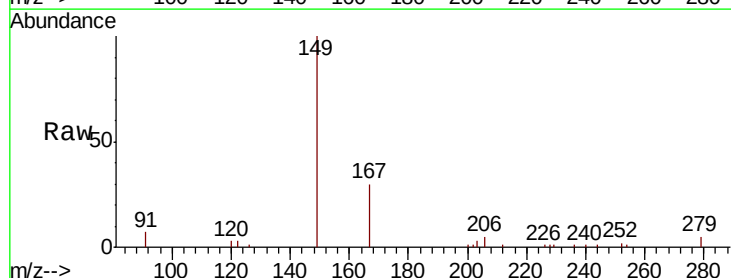
Delta R.T. 0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Tgt Ion:149 Resp: 11634

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.1	33.1
279	5.0	3.9	5.9

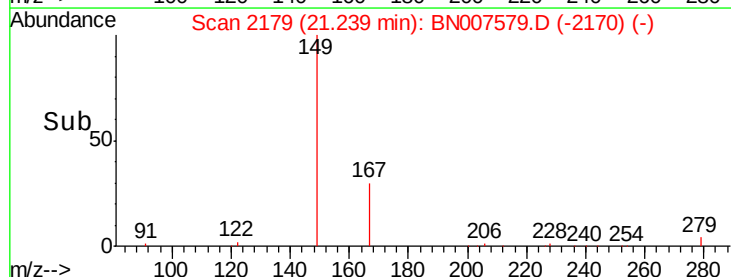
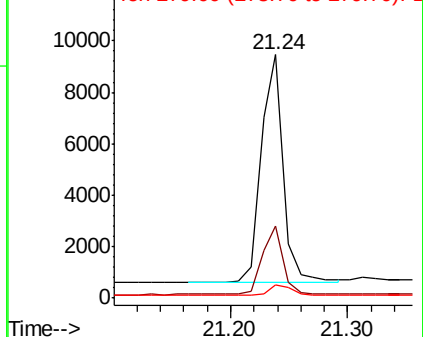


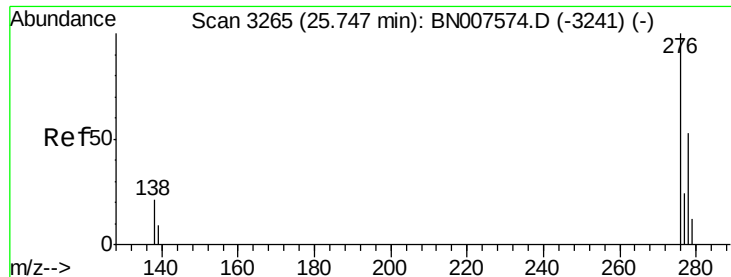
Abundance

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

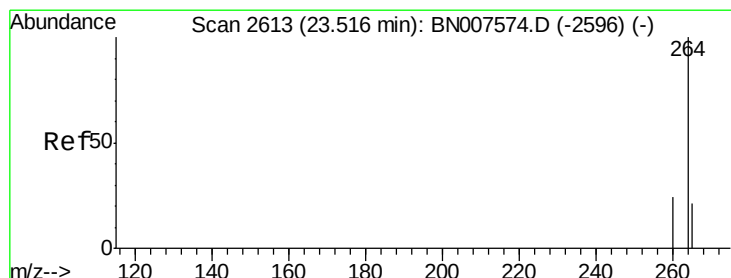
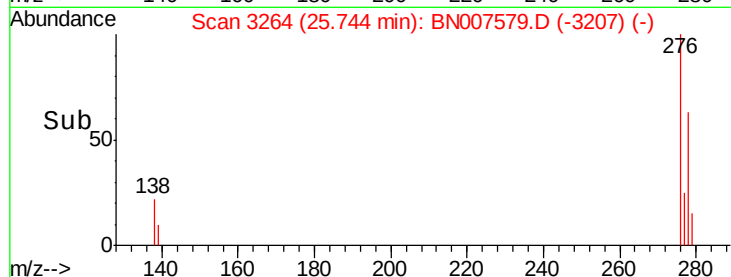
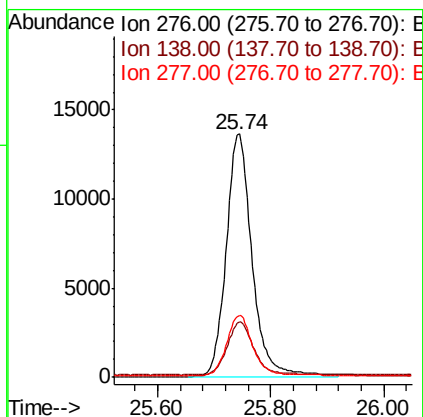
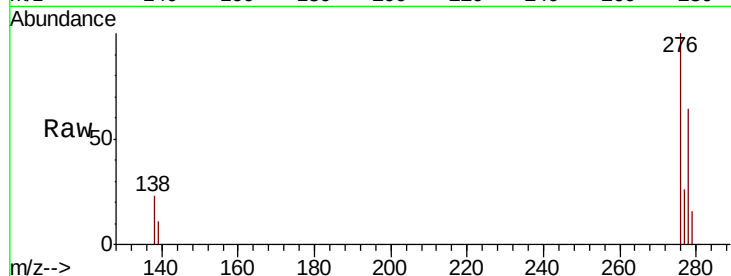




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.380 ng
 RT: 25.74 min Scan# 3264
 Delta R.T. -0.00 min
 Lab File: BN007579.D
 Acq: 10 Sep 2019 16:50

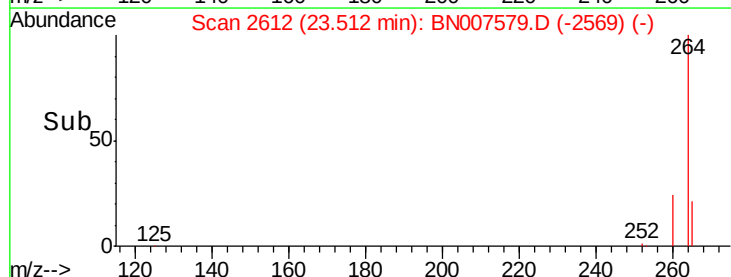
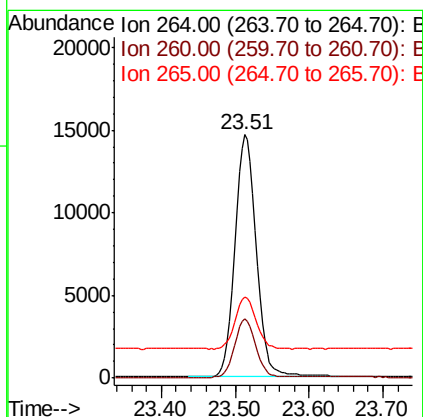
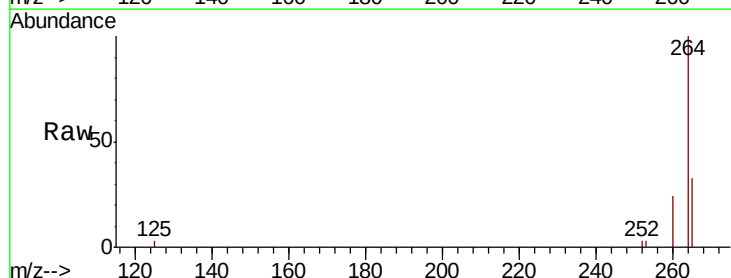
Instrument :
 BNA_N
 ClientSampleId :

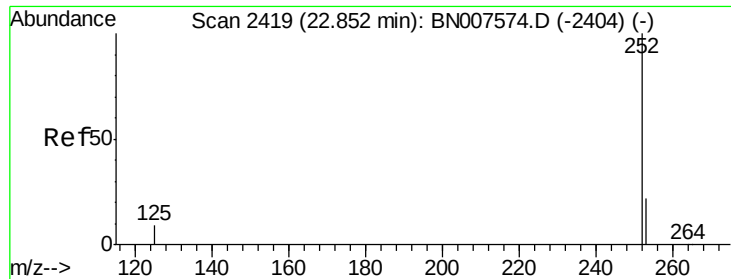
Tot Ion:276 Resp: 43030
 Ion Ratio Lower Upper
 276 100
 138 22.8 0.0 0.0#
 277 25.0 0.0 0.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.51 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BN007579.D
 Acq: 10 Sep 2019 16:50

Tgt Ion:264 Resp: 29292
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 33.3 25.6 38.4

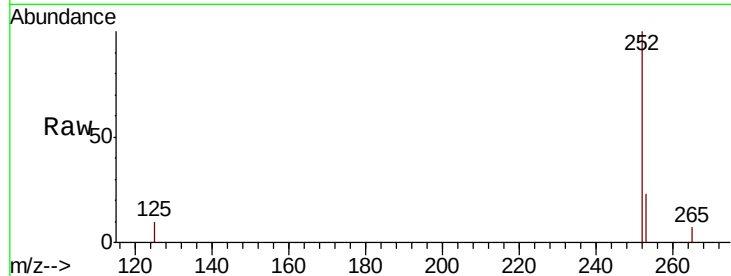




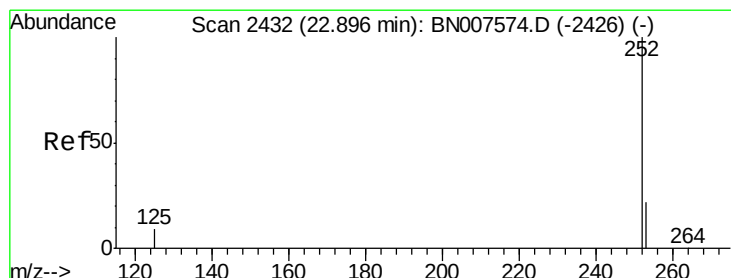
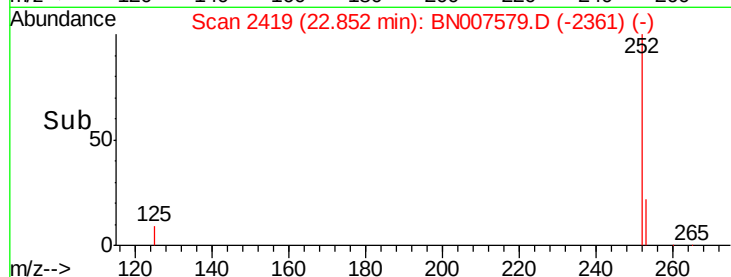
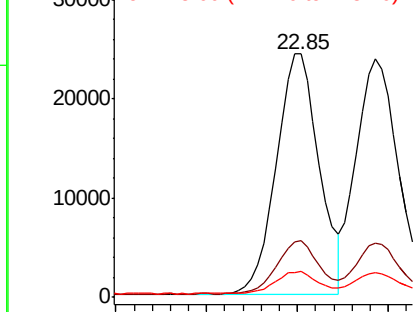
#35
Benzo(b)fluoranthene
Concen: 0.384 ng
RT: 22.85 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BN007579.D
Acq: 10 Sep 2019 16:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 40034
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 10.4 8.2 12.2

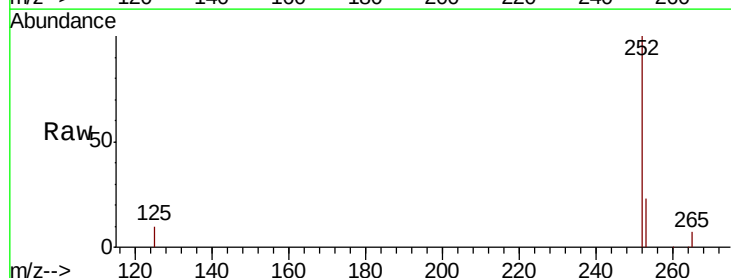


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

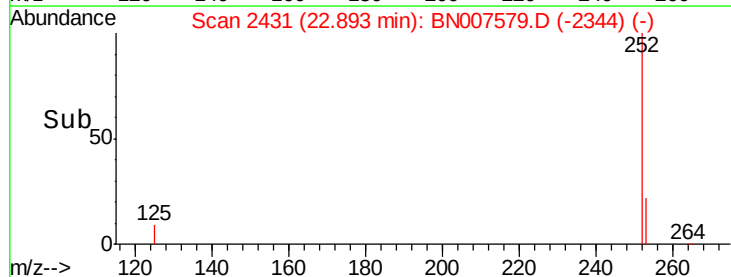
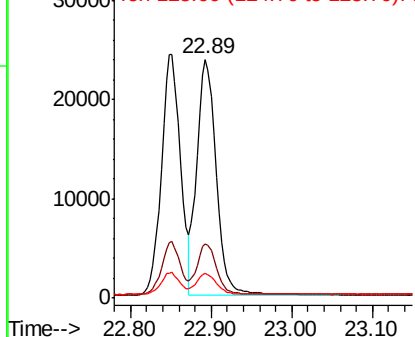


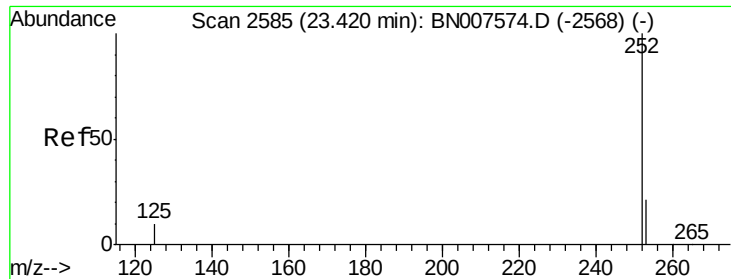
#36
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 22.89 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BN007579.D
Acq: 10 Sep 2019 16:50

Tgt Ion:252 Resp: 39919
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 10.1 8.2 12.2



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: 0.378 ng

RT: 23.42 min Scan# 2584

Delta R.T. -0.00 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Instrument :

BNA_N

ClientSampleId :

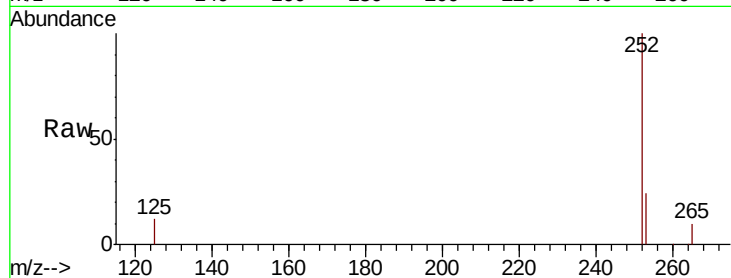
Tot Ion:252 Resp: 34989

Ion Ratio Lower Upper

252 100

253 23.8 18.6 28.0

125 11.8 9.2 13.8

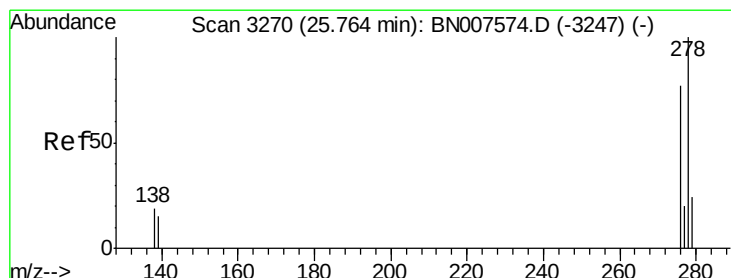
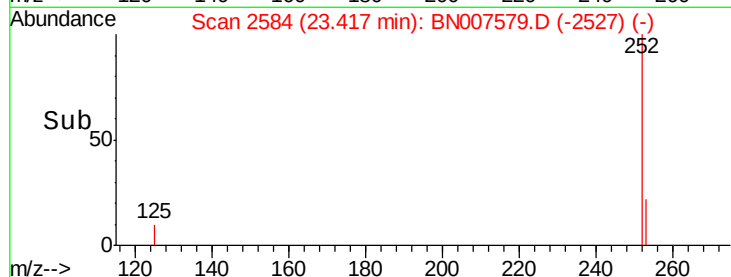
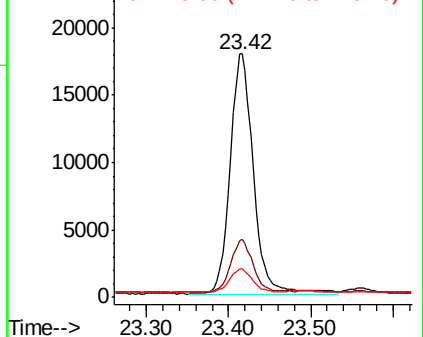


Abundance

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: 0.383 ng

RT: 25.76 min Scan# 3268

Delta R.T. -0.01 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

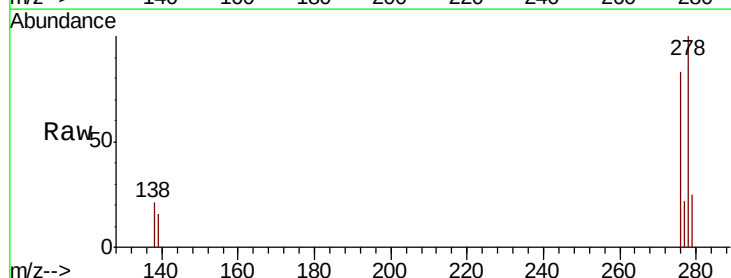
Tgt Ion:278 Resp: 35641

Ion Ratio Lower Upper

278 100

139 15.7 12.5 18.7

279 24.7 20.2 30.2

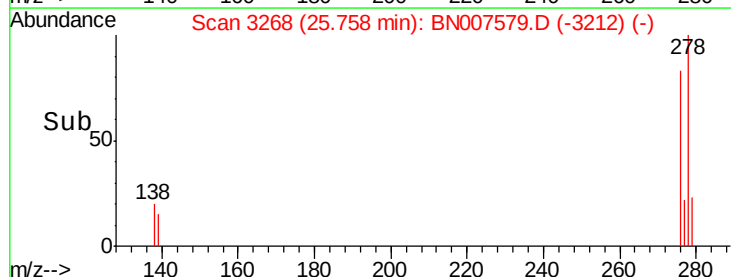
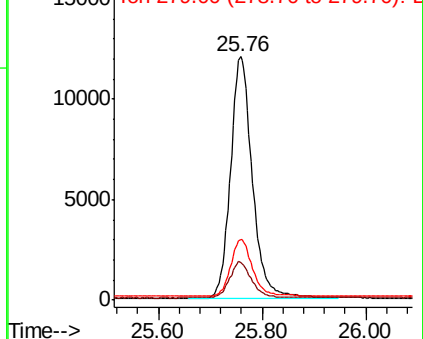


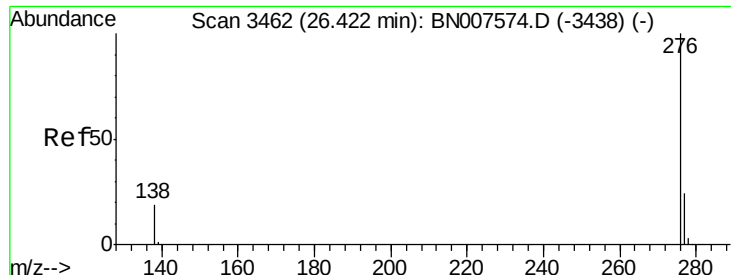
Abundance

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: 0.387 ng

RT: 26.41 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BN007579.D

Acq: 10 Sep 2019 16:50

Instrument :

BNA_N

ClientSampleId :

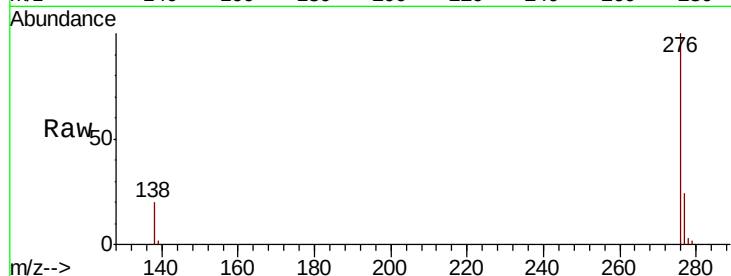
Tot Ion: 276 Resp: 36468

Ion Ratio Lower Upper

276 100

277 24.4 19.7 29.5

138 20.1 15.9 23.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

