

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
 Data File : BN007574.D
 Acq On : 10 Sep 2019 13:41
 Operator : HP/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 10 14:24:14 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 14:17:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	4916	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	20606	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	11932	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	29446	0.40	ng	0.00
27) Chrysene-d12	21.29	240	29945	0.40	ng	0.00
34) Perylene-d12	23.52	264	30266	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	5283	0.29	ng	0.00
5) Phenol-d6	6.90	99	6991	0.29	ng	0.00
8) Nitrobenzene-d5	8.86	82	4403	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	13687	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	1460	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.98	172	19127	0.40	ng	0.00
25) Fluoranthene-d10	19.13	212	36381	0.38	ng	0.00
29) Terphenyl-d14	19.74	244	30452	0.39	ng	0.00

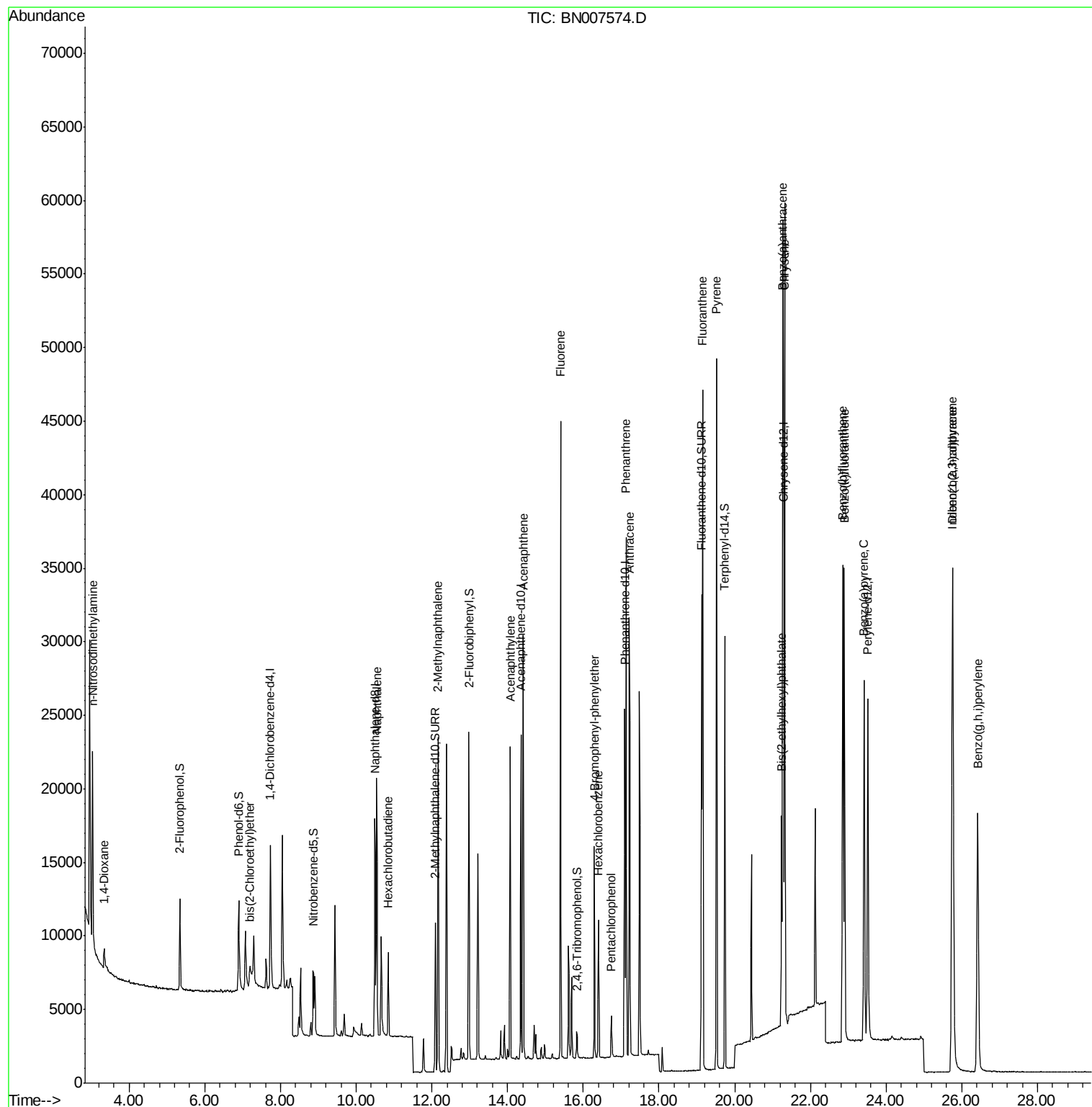
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	1473	0.180	ng	100
3) n-Nitrosodimethylamine	3.03	42	1501	0.396	ng	# 100
6) bis(2-Chloroethyl)ether	7.19	93	2329	0.131	ng	99
9) Naphthalene	10.54	128	22426	0.381	ng	100
10) Hexachlorobutadiene	10.85	225	4601	0.381	ng	# 100
12) 2-Methylnaphthalene	12.17	142	15614	0.389	ng	100
16) Acenaphthylene	14.07	152	24240	0.343	ng	100
17) Acenaphthene	14.41	154	15483	0.375	ng	99
18) Fluorene	15.39	166	20348	0.389	ng	100
20) 4-Bromophenyl-phenylether	16.29	248	6640	0.572	ng	100
21) Hexachlorobenzene	16.40	284	7096	0.360	ng	100
22) Pentachlorophenol	16.74	266	1565	0.255	ng	100
23) Phenanthrene	17.13	178	34857	0.394	ng	100
24) Anthracene	17.22	178	31478	0.353	ng	100
26) Fluoranthene	19.16	202	41883	0.368	ng	100
28) Pyrene	19.52	202	42287	0.351	ng	100
30) Benzo(a)anthracene	21.27	228	41254	0.351	ng	100
31) Chrysene	21.32	228	42088	0.371	ng	100
32) Bis(2-ethylhexyl)phthalate	21.24	149	12351	0.140	ng	100
33) Indeno(1,2,3-cd)pyrene	25.75	276	44552	0.326	ng	# 100
35) Benzo(b)fluoranthene	22.85	252	41284	0.376	ng	100
36) Benzo(k)fluoranthene	22.90	252	40414	0.373	ng	100
37) Benzo(a)pyrene	23.42	252	36028	0.345	ng	100
38) Dibenzo(a,h)anthracene	25.76	278	36547	0.351	ng	100
39) Benzo(g,h,i)perylene	26.42	276	37438	0.361	ng	100

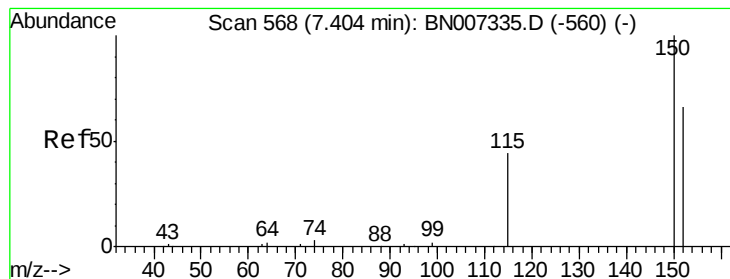
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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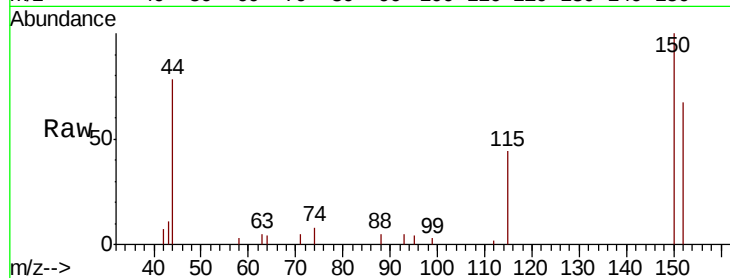




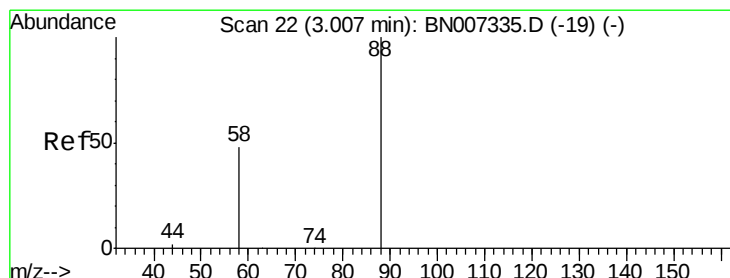
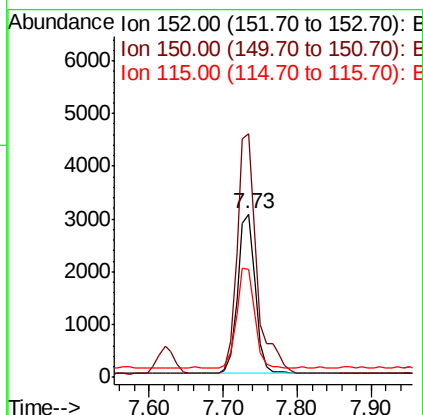
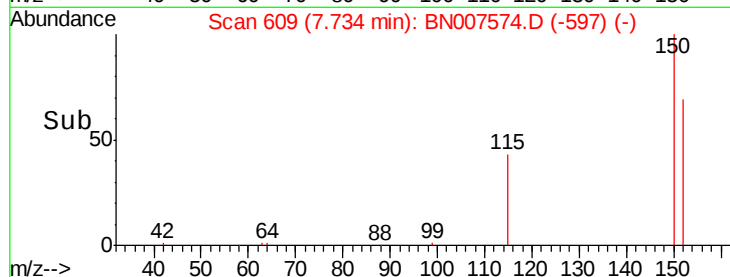
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BN007574.D
 Acq: 10 Sep 2019 13:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 4916
 Ion Ratio Lower Upper
 152 100
 150 149.4 119.5 179.3
 115 66.3 53.0 79.6

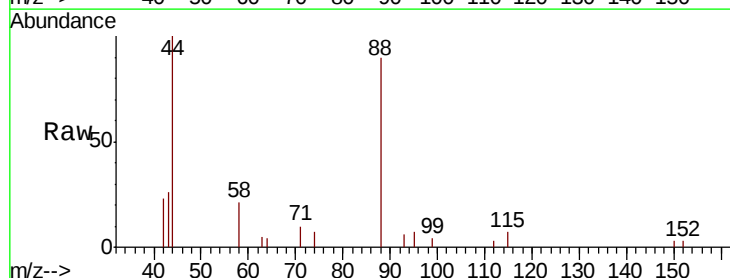


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

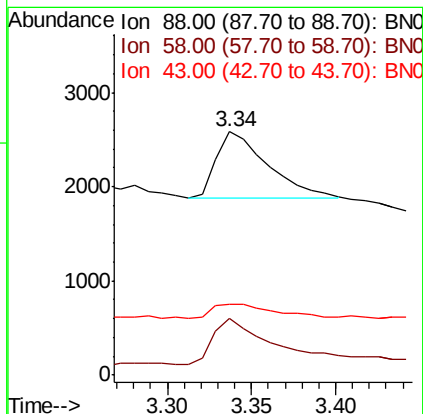
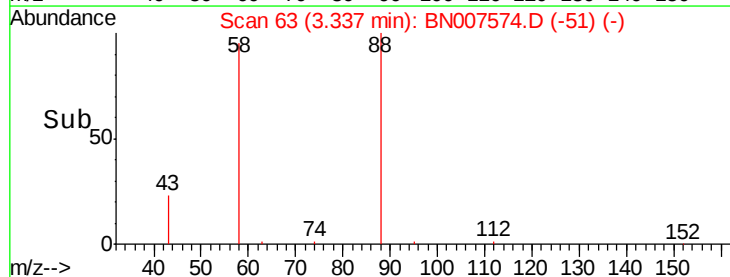


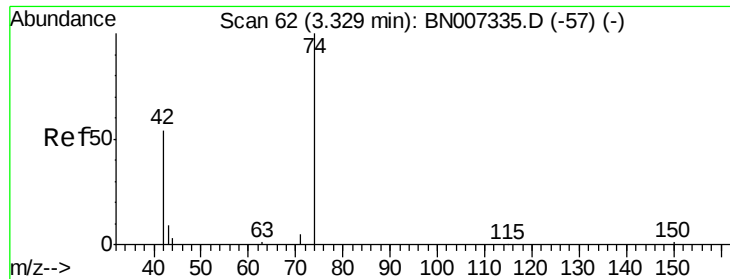
#2
 1,4-Dioxane
 Concen: 0.180 ng
 RT: 3.34 min Scan# 63
 Delta R.T. 0.00 min
 Lab File: BN007574.D
 Acq: 10 Sep 2019 13:41

Tgt Ion: 88 Resp: 1473
 Ion Ratio Lower Upper
 88 100
 58 80.7 64.6 96.8
 43 24.0 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: 0.396 ng

RT: 3.03 min Scan# 25

Delta R.T. 0.00 min

Lab File: BN007574.D

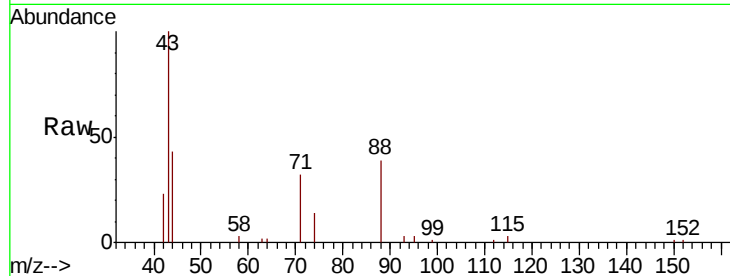
Acq: 10 Sep 2019 13:41

Instrument :

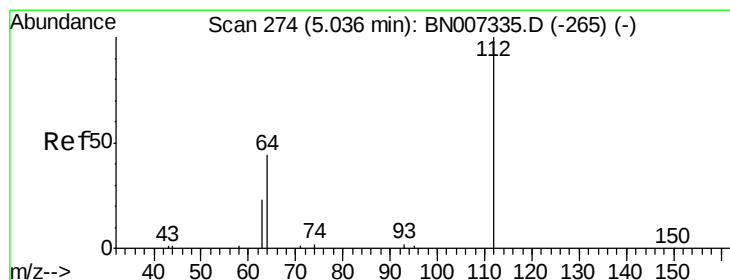
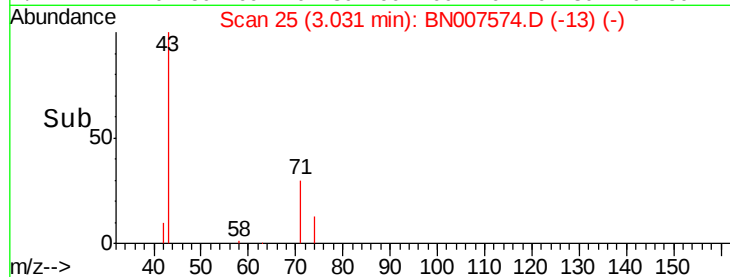
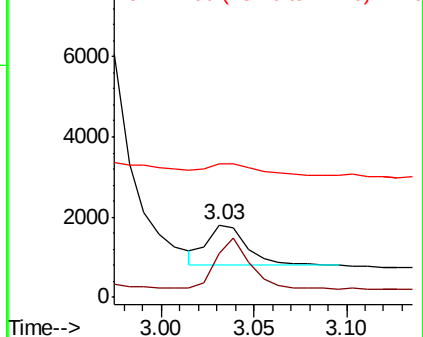
BNA_N

ClientSampleId :

Tot Ion:	42	Resp:	1501
Ion	Ratio	Lower	Upper
42	100		
74	108.5	0.0	0.0#
44	38.0	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: 0.288 ng

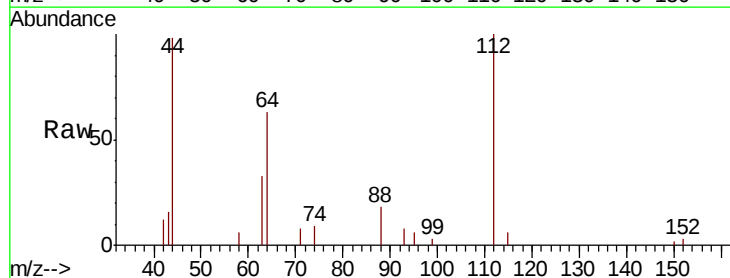
RT: 5.34 min Scan# 312

Delta R.T. 0.00 min

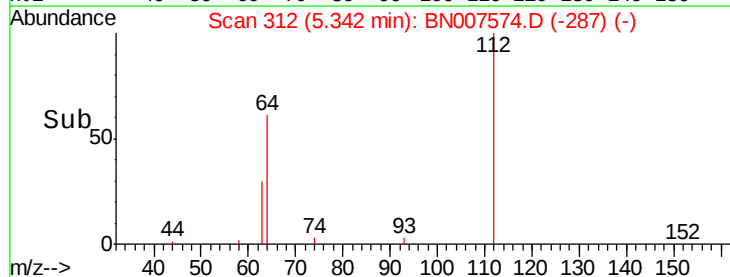
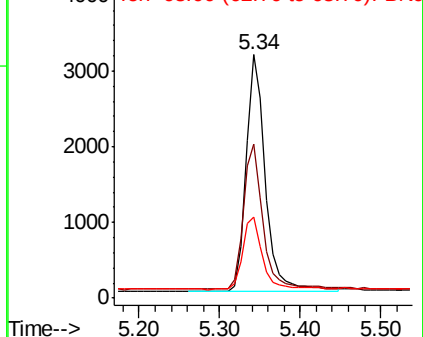
Lab File: BN007574.D

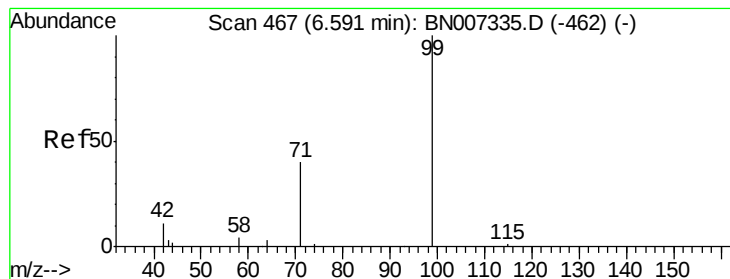
Acq: 10 Sep 2019 13:41

Tgt Ion:	112	Resp:	5283
Ion	Ratio	Lower	Upper
112	100		
64	61.5	49.2	73.8
63	32.5	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: 0.291 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

ClientSampleId :

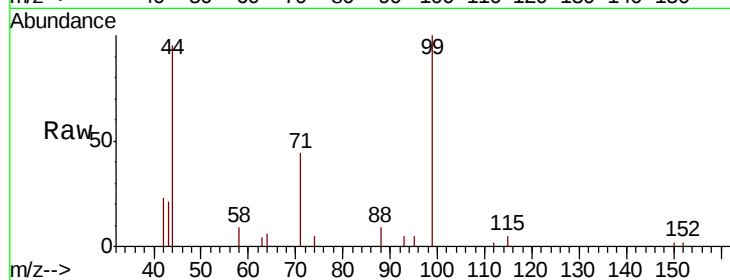
Tot Ion: 99 Resp: 6991

Ion Ratio Lower Upper

99 100

42 14.8 11.8 17.8

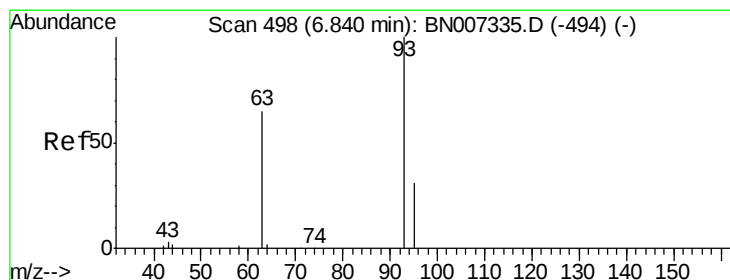
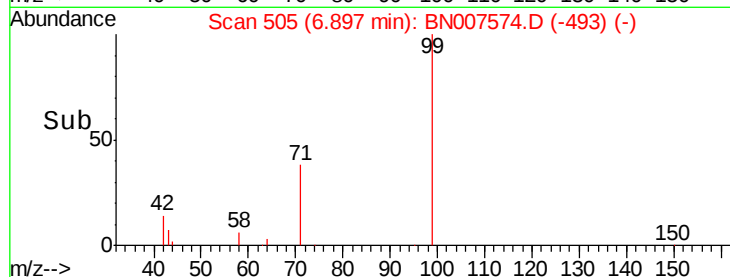
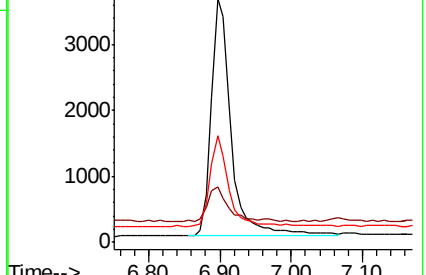
71 36.0 28.8 43.2



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: 0.131 ng

RT: 7.19 min Scan# 542

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

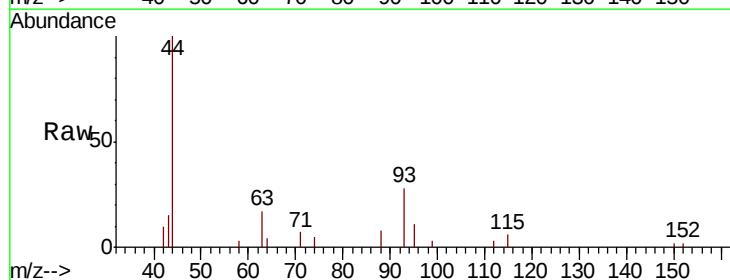
Tgt Ion: 93 Resp: 2329

Ion Ratio Lower Upper

93 100

63 87.2 69.8 104.6

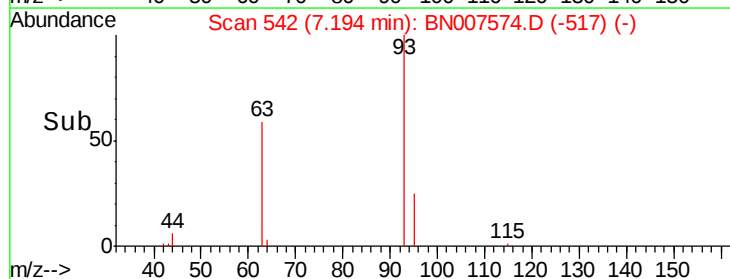
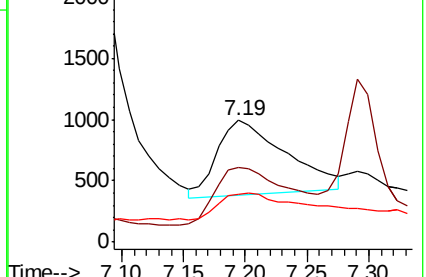
95 55.6 42.8 64.2

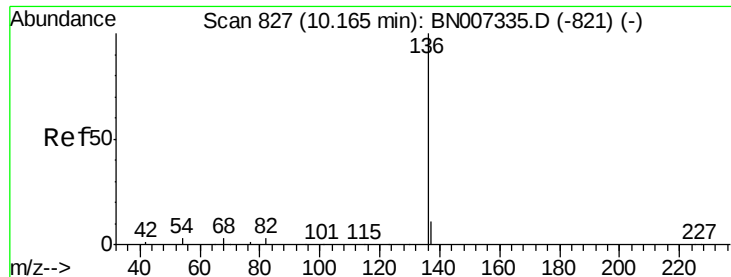


Abundance Ion 93.00 (92.70 to 93.70): BN007335.D (-494) (-)

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: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 20606

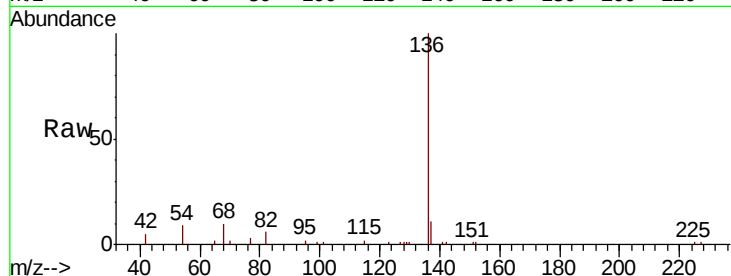
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.4 7.5 11.3

68 9.9 7.9 11.9

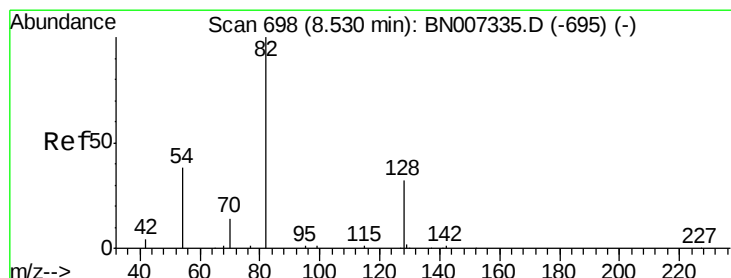
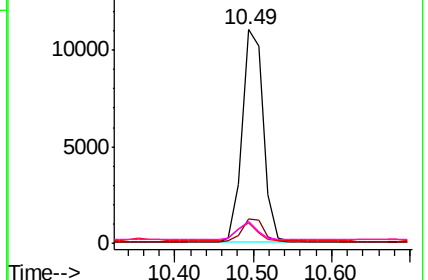
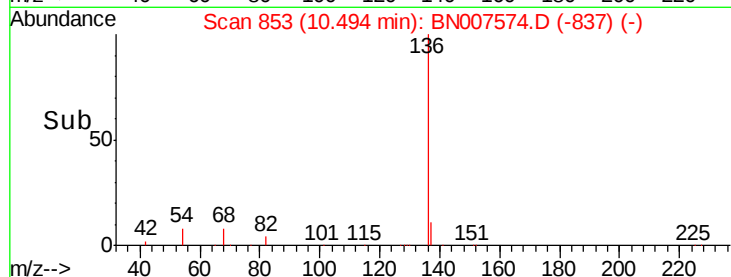


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.246 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

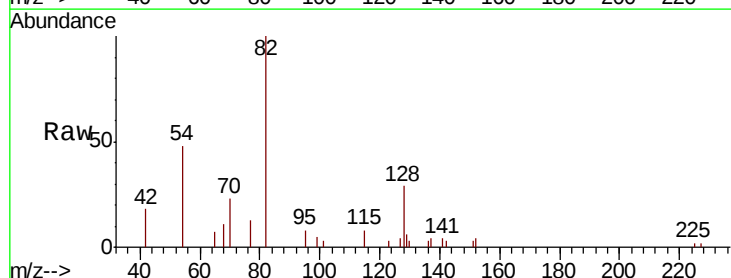
Tgt Ion: 82 Resp: 4403

Ion Ratio Lower Upper

82 100

128 29.3 23.4 35.2

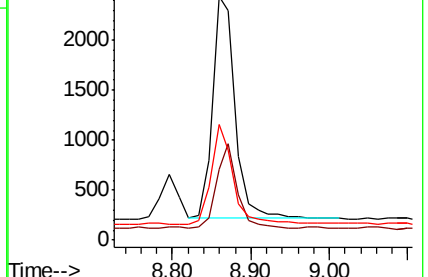
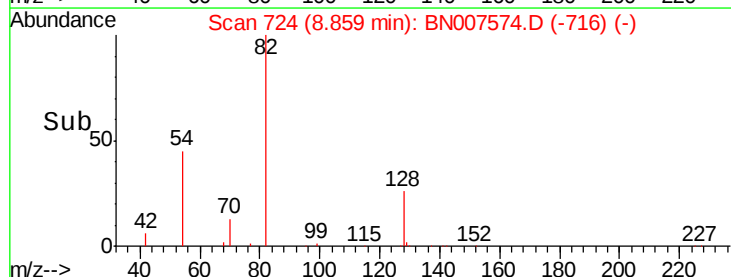
54 47.7 38.2 57.2

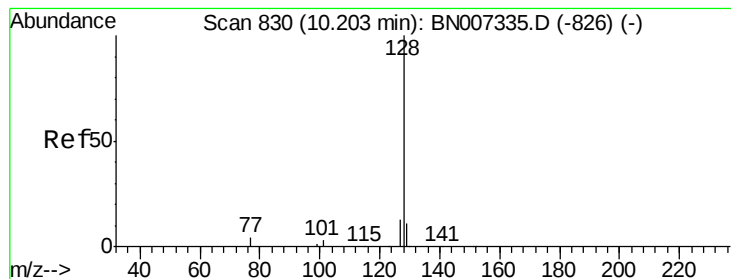


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.381 ng

RT: 10.54 min Scan# 857

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

ClientSampleId :

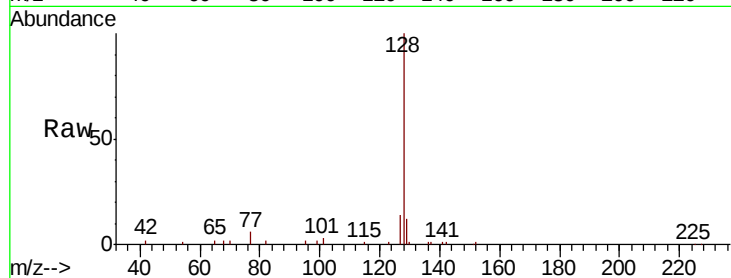
Tot Ion:128 Resp: 22426

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

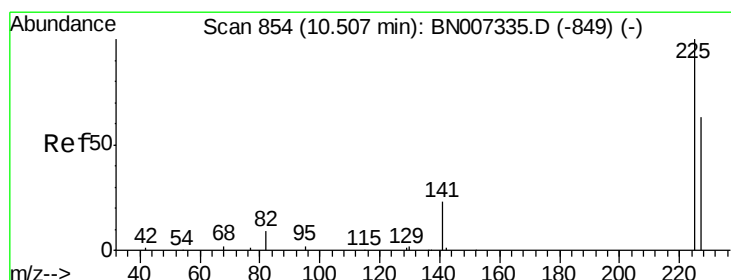
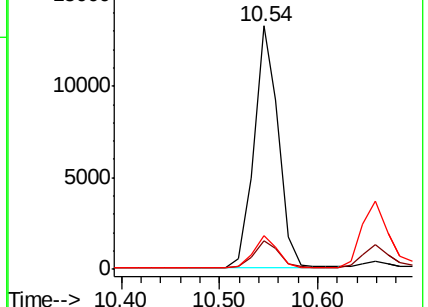
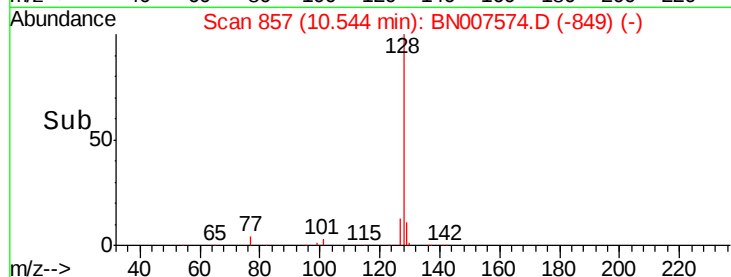
127 13.7 11.0 16.4



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: 0.381 ng

RT: 10.85 min Scan# 881

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

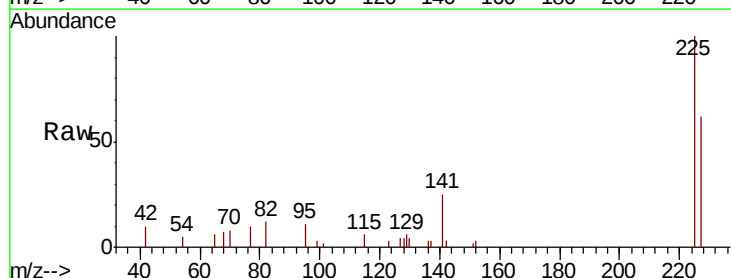
Tgt Ion:225 Resp: 4601

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

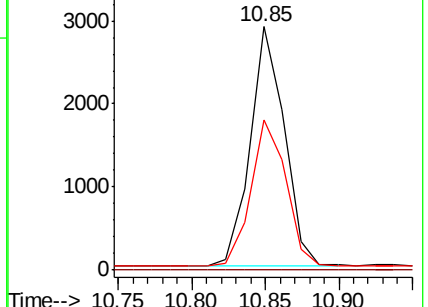
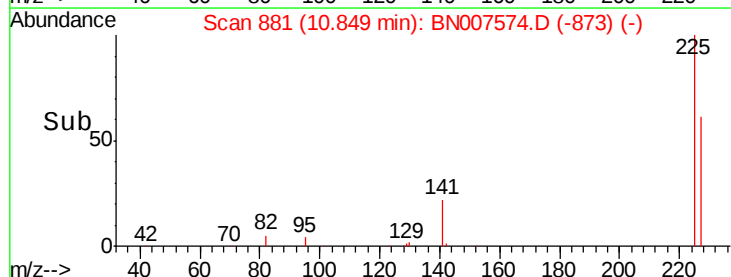
227 63.0 50.4 75.6

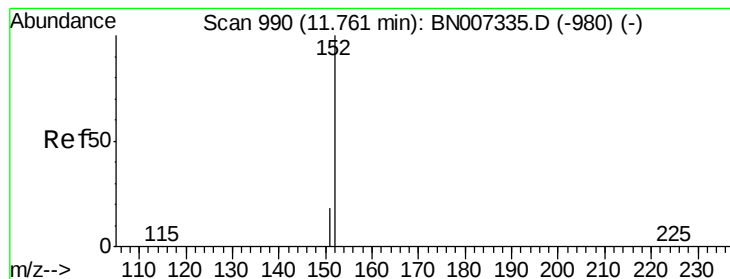


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.400 ng

RT: 12.09 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

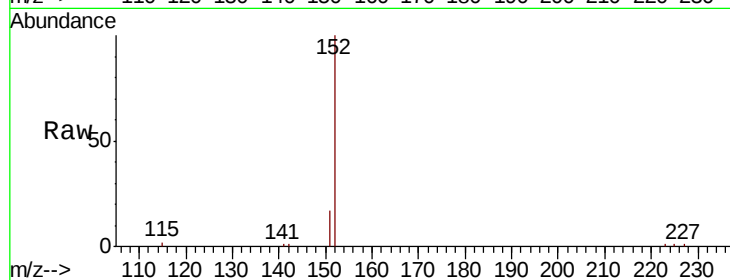
ClientSampleId :

Tot Ion:152 Resp: 13687

Ion Ratio Lower Upper

152 100

151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.09

10000

8000

6000

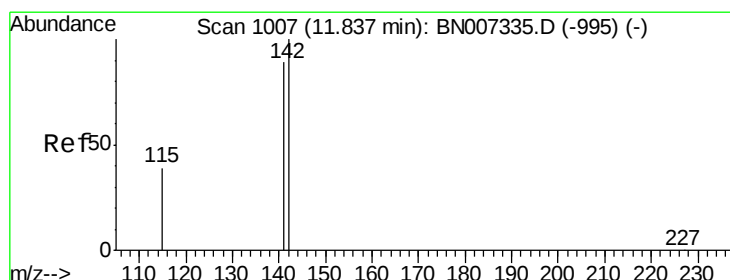
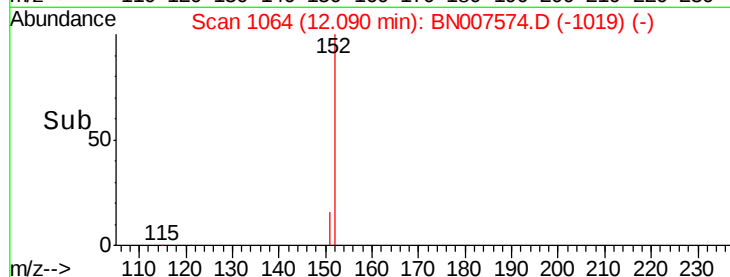
4000

2000

0

Time-->

12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.389 ng

RT: 12.17 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

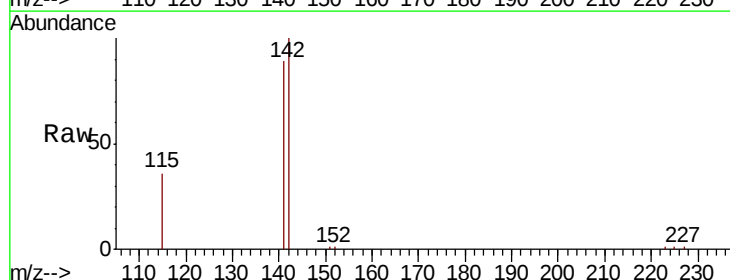
Tgt Ion:142 Resp: 15614

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6

115 36.4 29.1 43.7



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

12.17

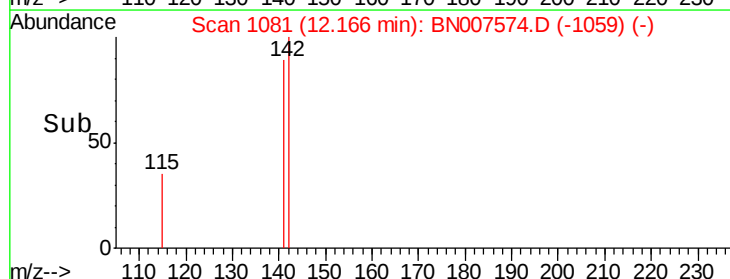
10000

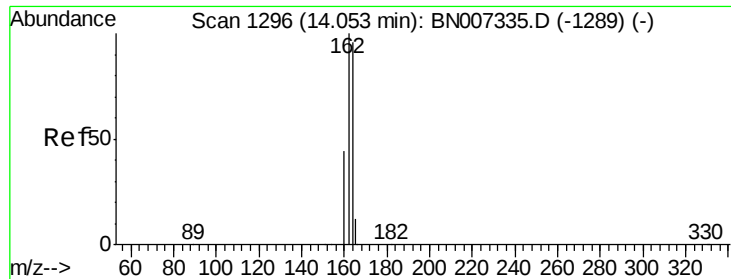
5000

0

Time-->

12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.35 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

ClientSampleId :

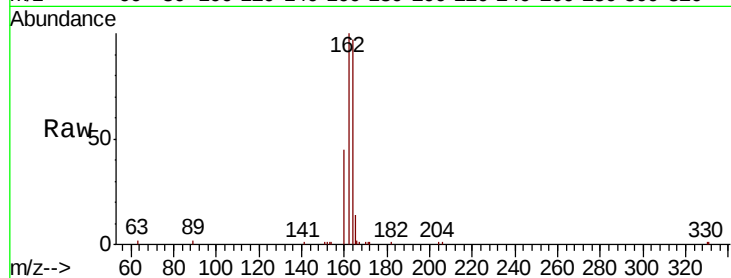
Tot Ion:164 Resp: 11932

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.2

160 46.7 37.4 56.0

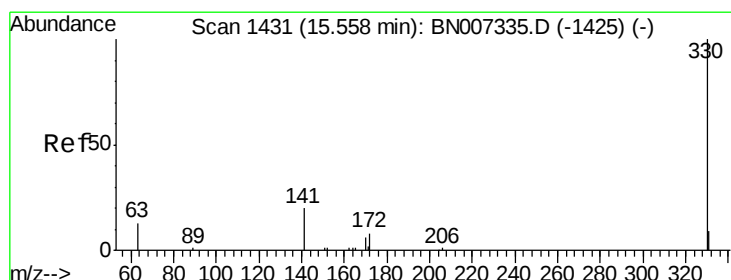
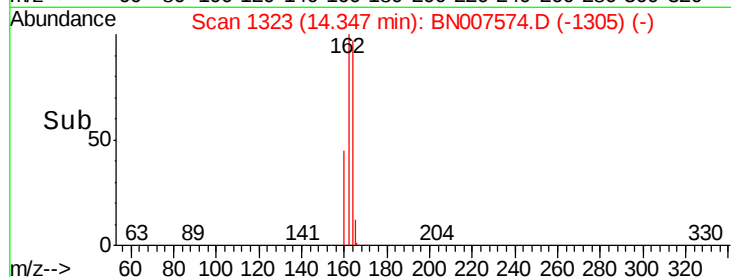
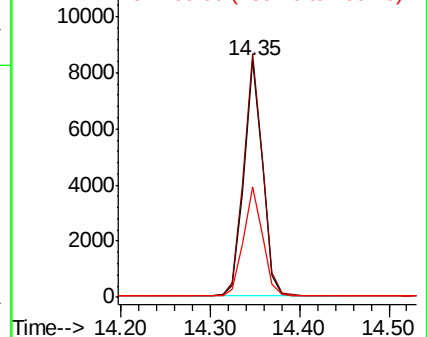


Abundance

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: 0.234 ng

RT: 15.84 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

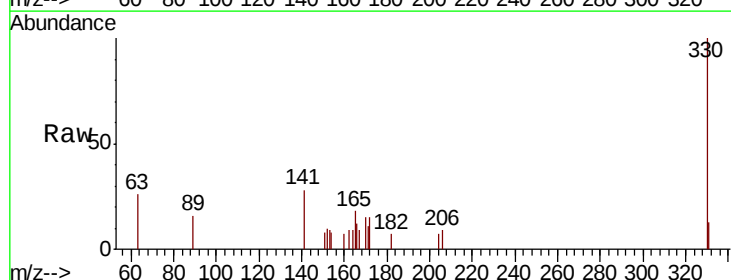
Tgt Ion:330 Resp: 1460

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 38.2 30.6 45.8

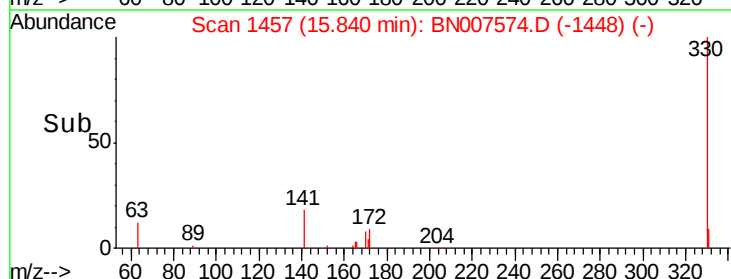
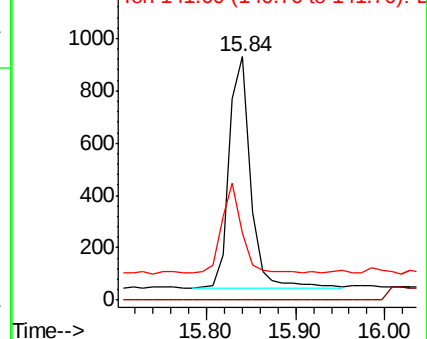


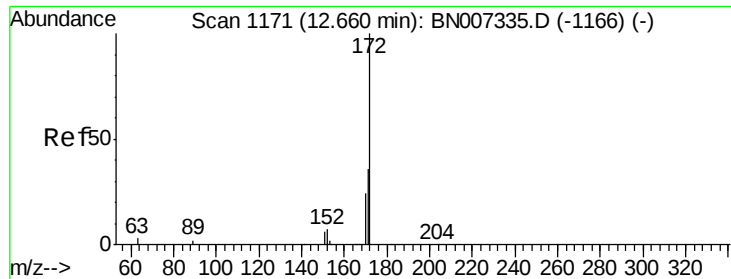
Abundance

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

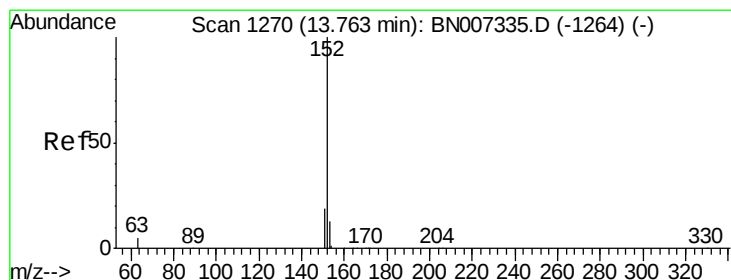
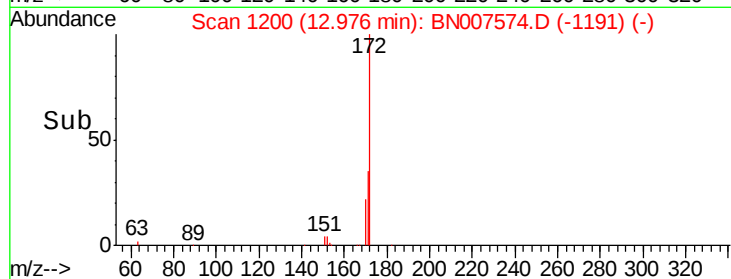
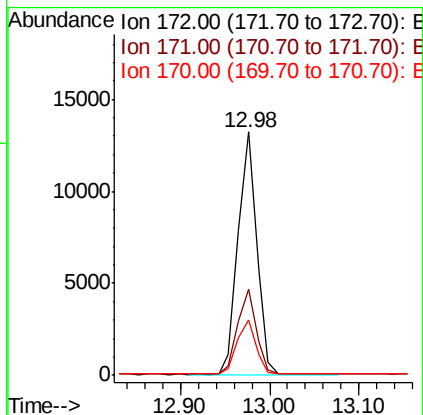
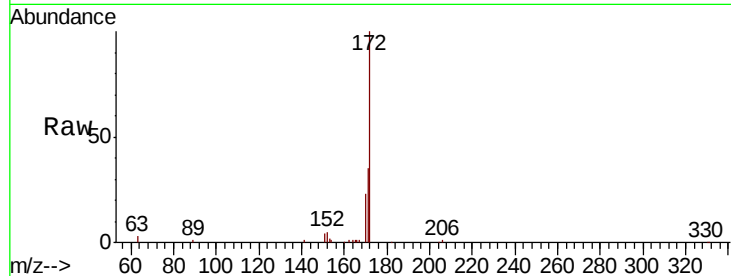




#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.98 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

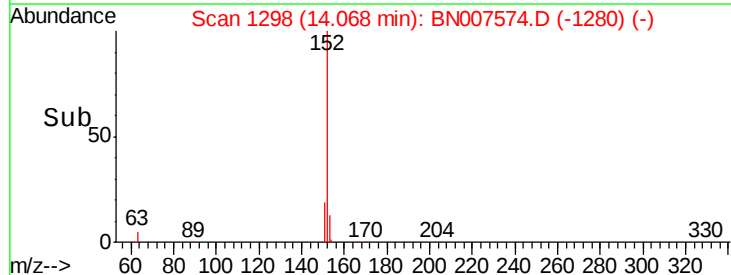
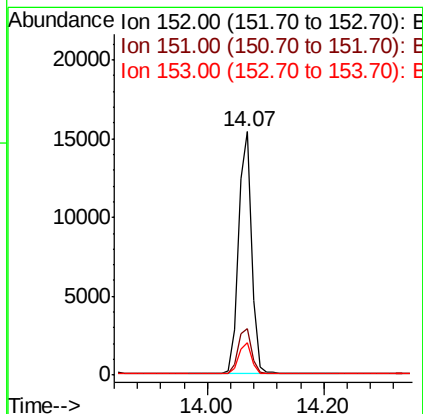
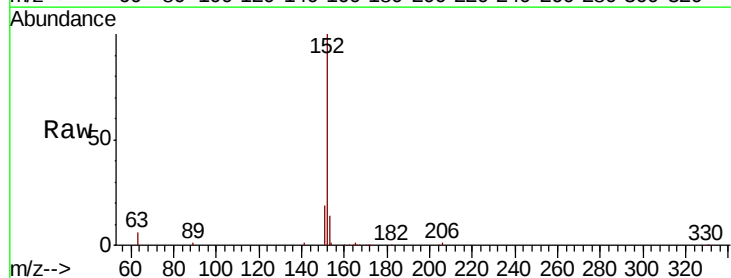
Instrument :
BNA_N
ClientSampleId :

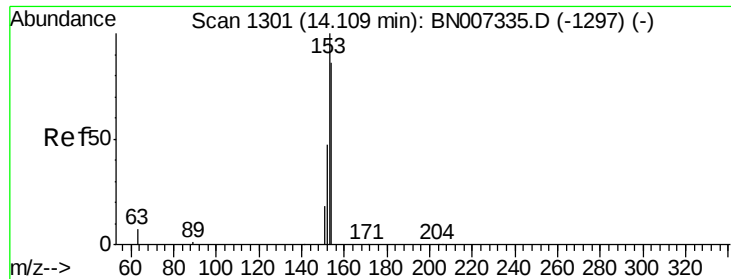
Tot Ion:172 Resp: 19127
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 22.9 18.3 27.5



#16
Acenaphthylene
Concen: 0.343 ng
RT: 14.07 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:152 Resp: 24240
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.375 ng

RT: 14.41 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

ClientSampleId :

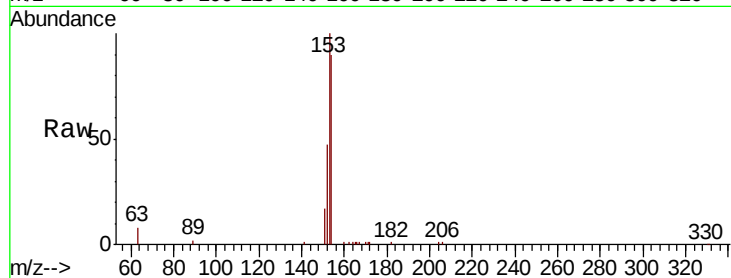
Tot Ion:154 Resp: 15483

Ion Ratio Lower Upper

154 100

153 112.4 89.4 134.2

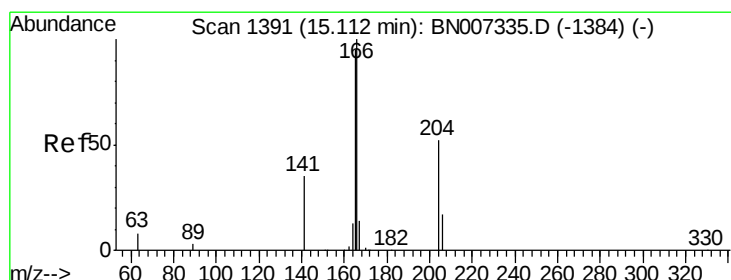
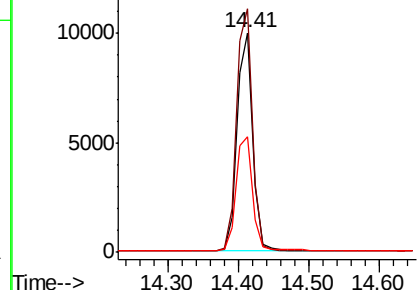
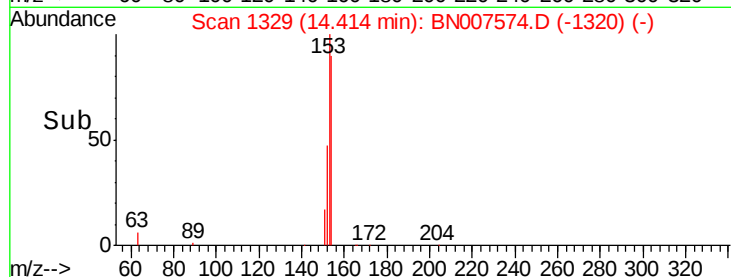
152 54.5 43.4 65.0



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: 0.389 ng

RT: 15.39 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

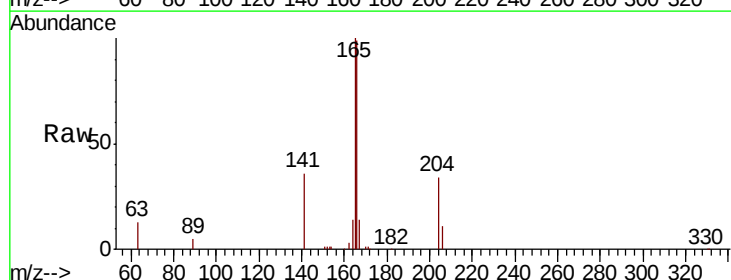
Tgt Ion:166 Resp: 20348

Ion Ratio Lower Upper

166 100

165 97.2 77.8 116.6

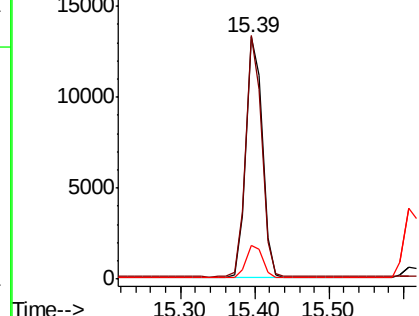
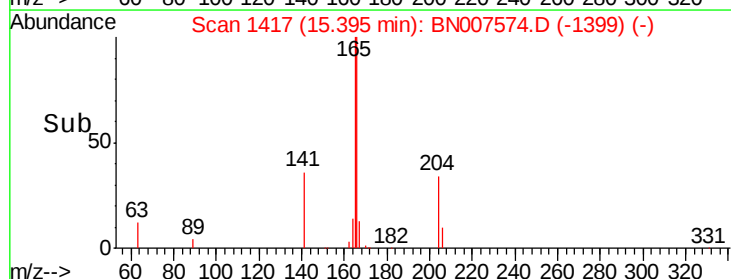
167 13.7 11.0 16.4

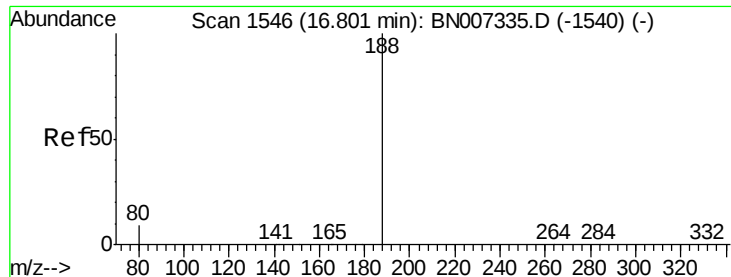


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

ClientSampled :

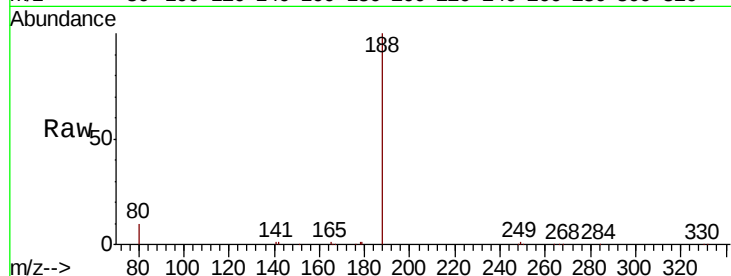
Tot Ion:188 Resp: 29446

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

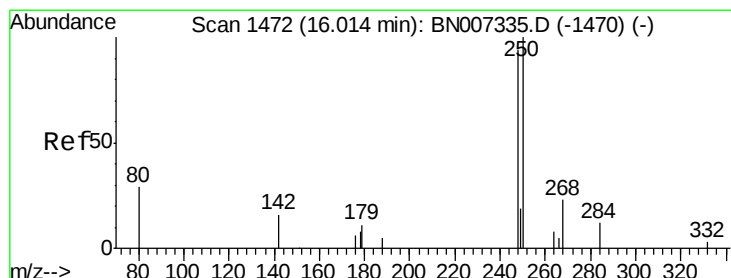
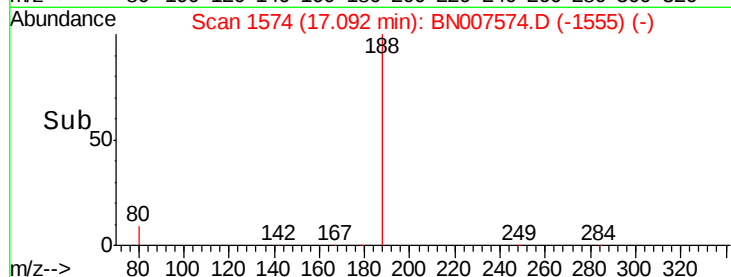
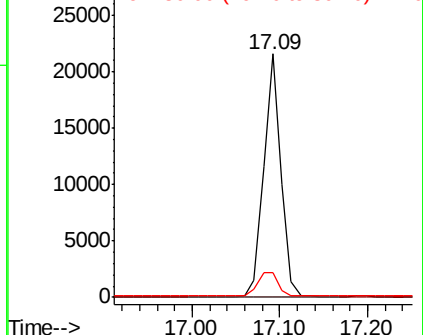
80 10.1 8.1 12.1



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: 0.572 ng

RT: 16.29 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

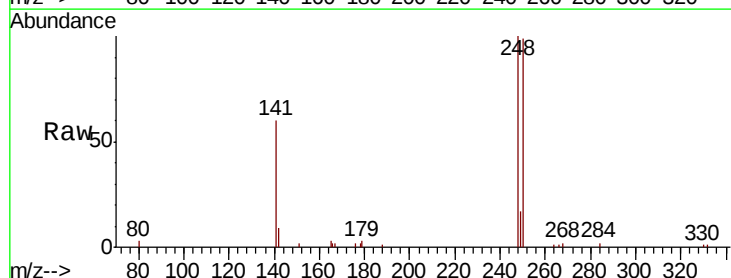
Tgt Ion:248 Resp: 6640

Ion Ratio Lower Upper

248 100

250 98.6 78.9 118.3

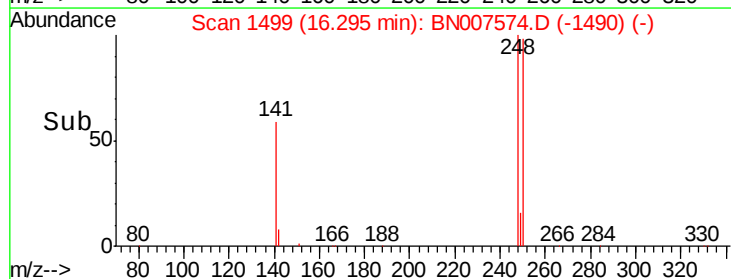
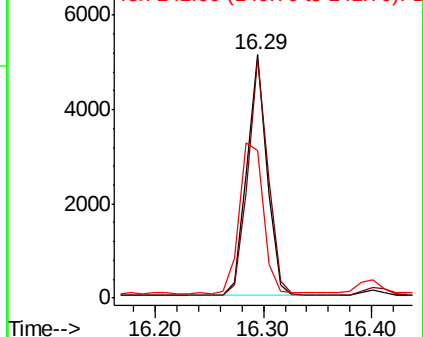
141 60.4 48.3 72.5

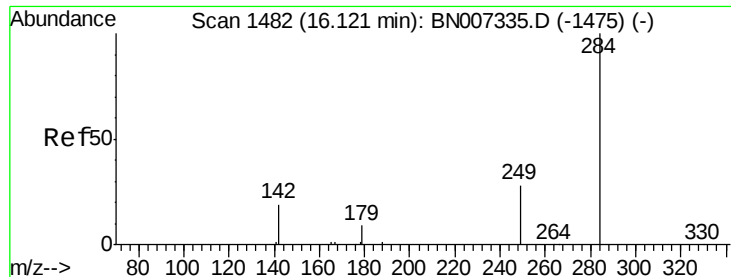


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.360 ng

RT: 16.40 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

ClientSampleId :

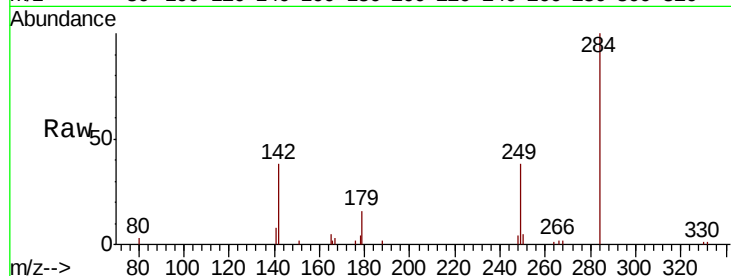
Tot Ion:284 Resp: 7096

Ion Ratio Lower Upper

284 100

142 34.9 27.9 41.9

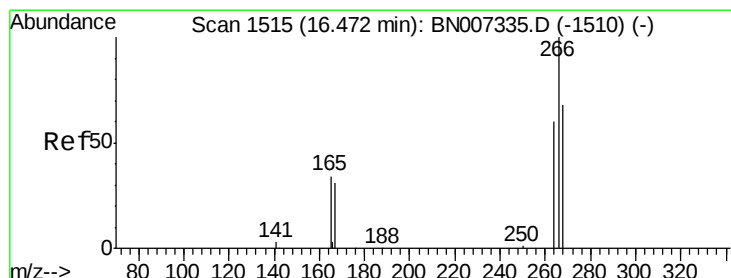
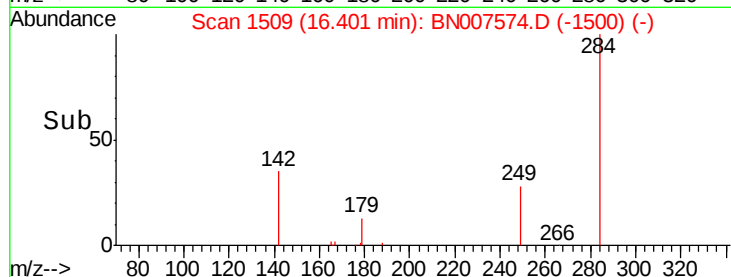
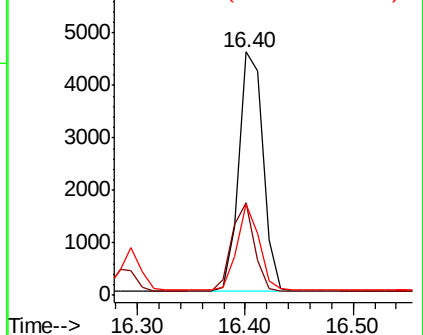
249 32.5 26.0 39.0



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: 0.255 ng

RT: 16.74 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

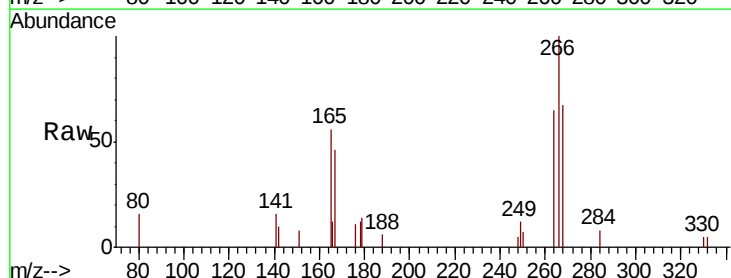
Tgt Ion:266 Resp: 1565

Ion Ratio Lower Upper

266 100

264 65.0 52.0 78.0

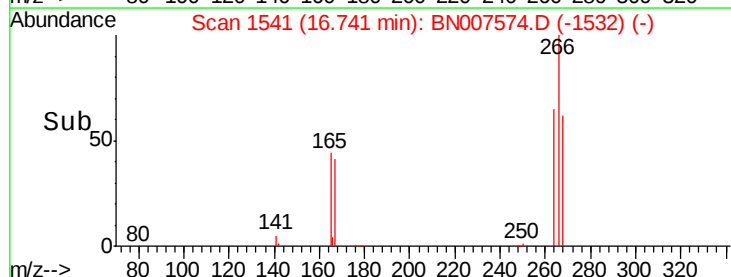
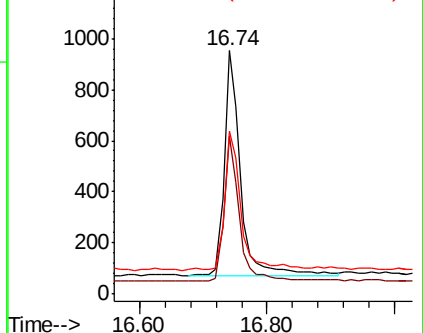
268 66.9 53.5 80.3

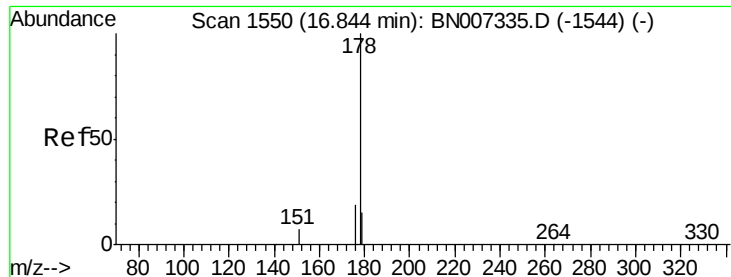


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.394 ng

RT: 17.13 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

ClientSampleId :

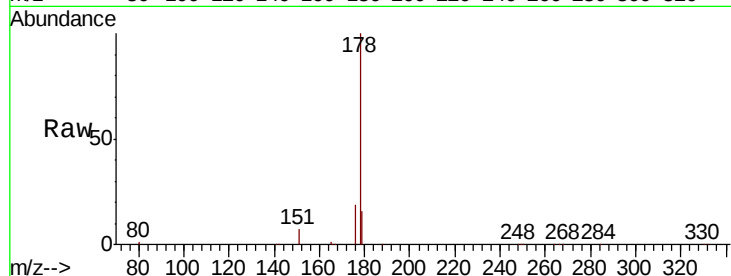
Tot Ion:178 Resp: 34857

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

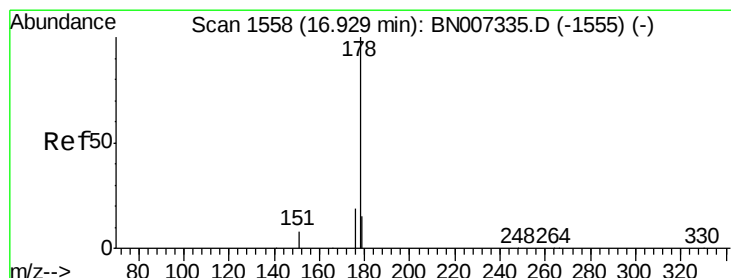
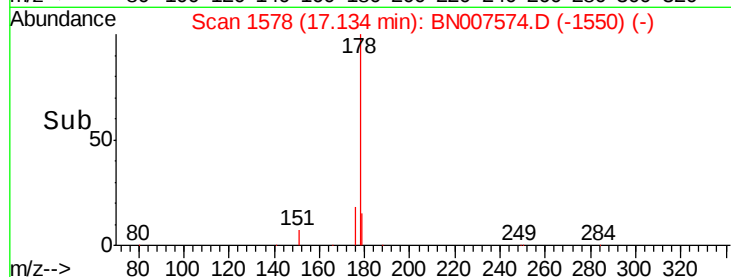
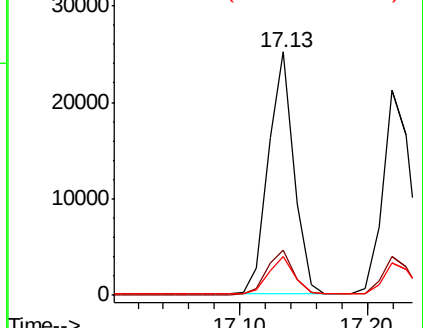
179 15.2 12.2 18.2



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: 0.353 ng

RT: 17.22 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

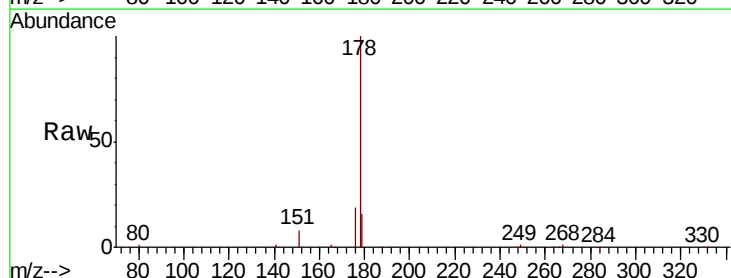
Tgt Ion:178 Resp: 31478

Ion Ratio Lower Upper

178 100

176 18.0 14.4 21.6

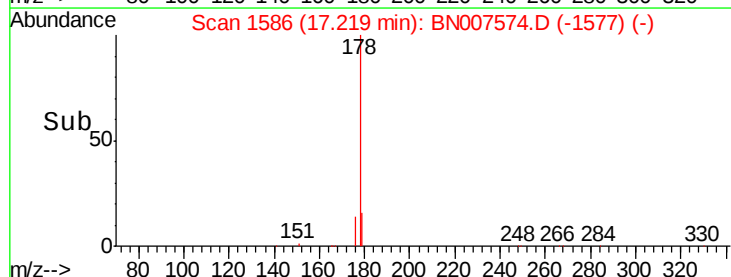
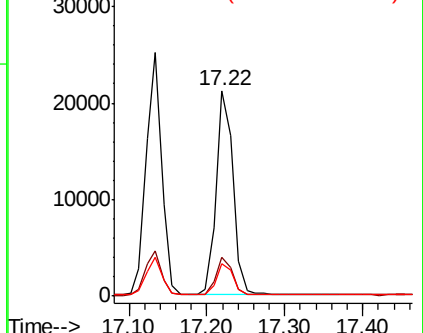
179 15.6 12.5 18.7

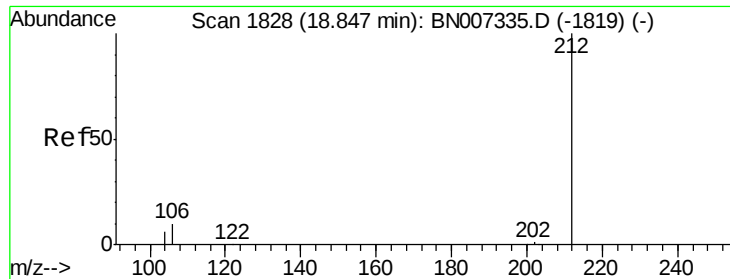


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.13 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

ClientSampleId :

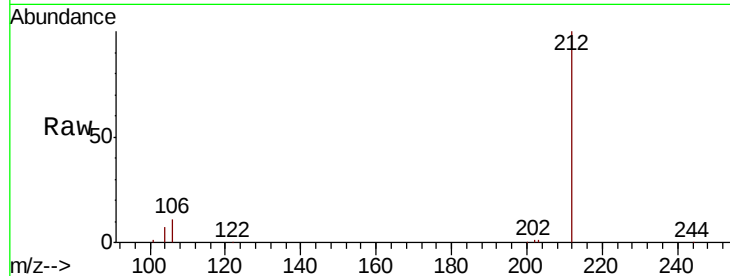
Tot Ion:212 Resp: 36381

Ion Ratio Lower Upper

212 100

106 12.1 9.7 14.5

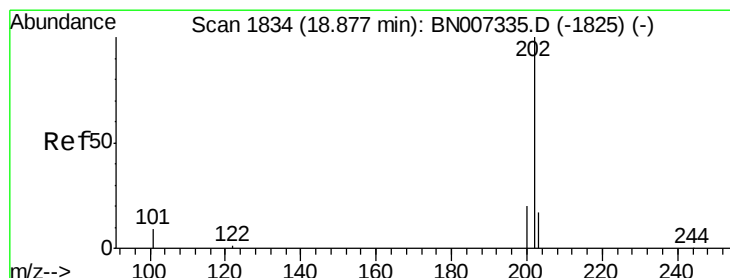
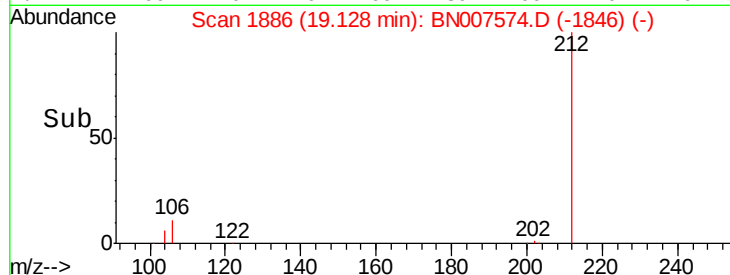
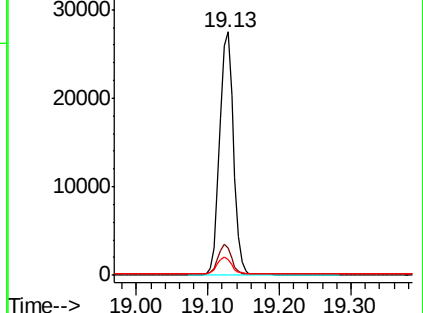
104 6.9 5.5 8.3



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: 0.368 ng

RT: 19.16 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

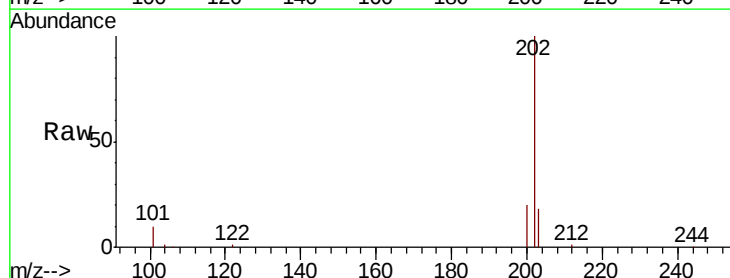
Tgt Ion:202 Resp: 41883

Ion Ratio Lower Upper

202 100

101 11.0 8.8 13.2

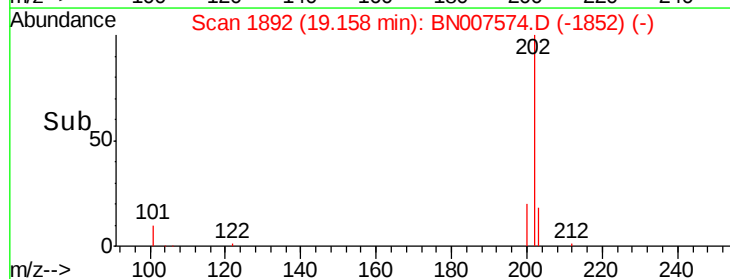
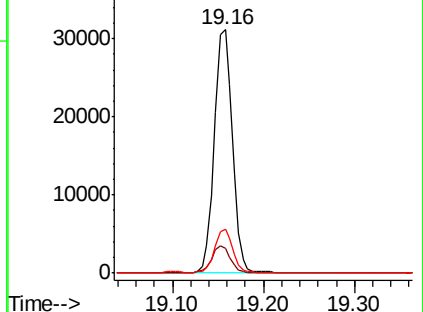
203 17.3 13.8 20.8

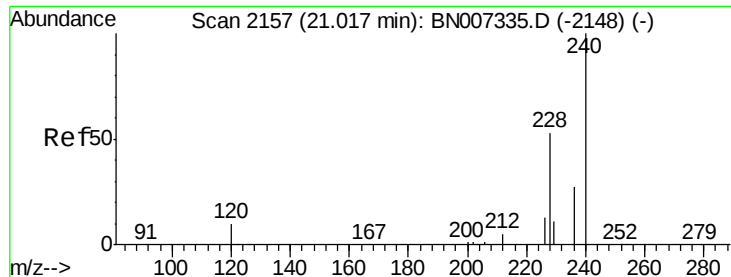


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.29 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

ClientSampled :

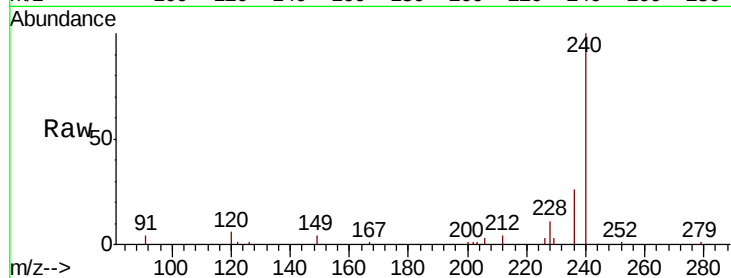
Tot Ion:240 Resp: 29945

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

236 25.8 20.6 31.0

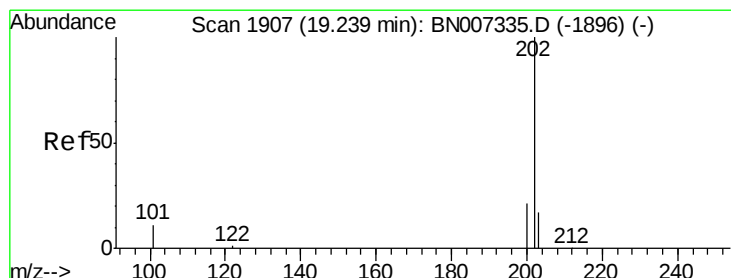
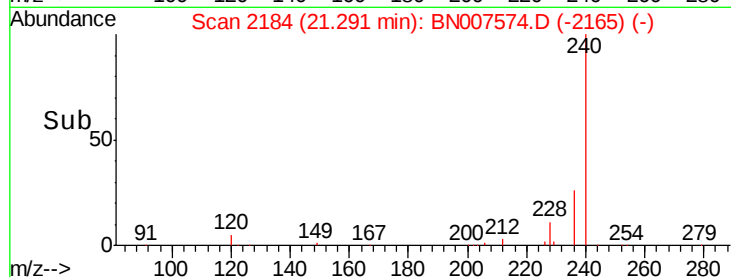
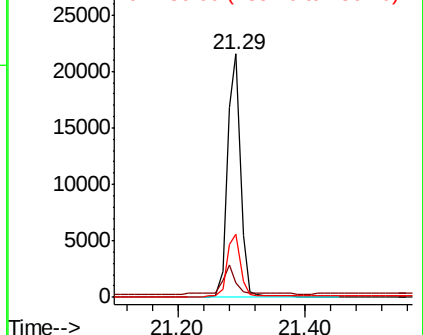


Abundance

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: 0.351 ng

RT: 19.52 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

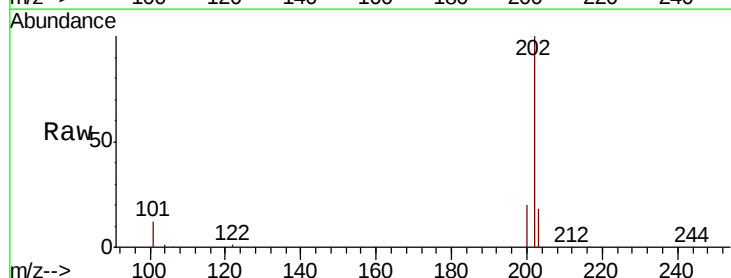
Tgt Ion:202 Resp: 42287

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

203 17.6 14.1 21.1

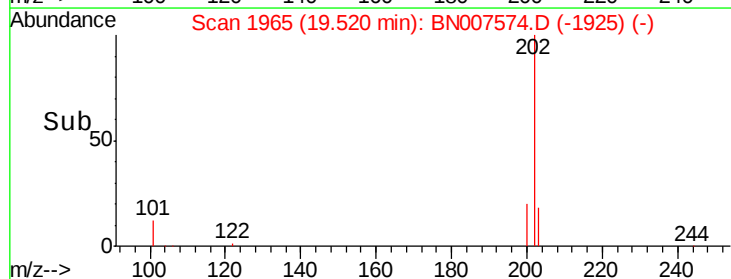
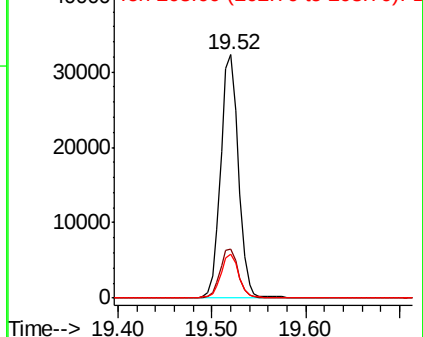


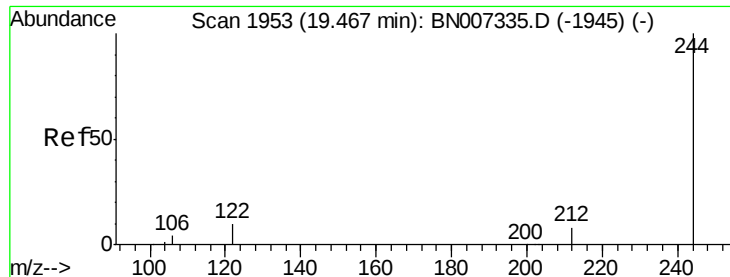
Abundance

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: 19.74 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

ClientSampleId :

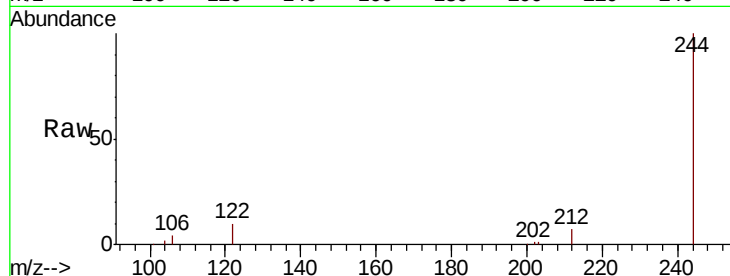
Tot Ion:244 Resp: 30452

Ion Ratio Lower Upper

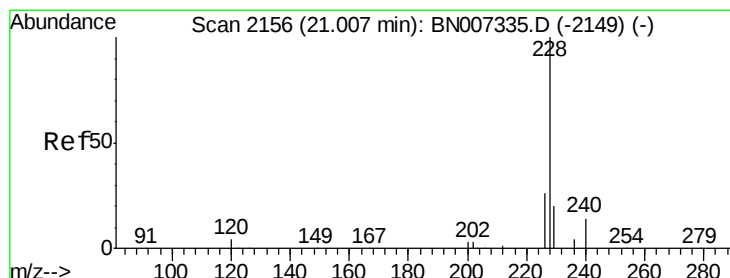
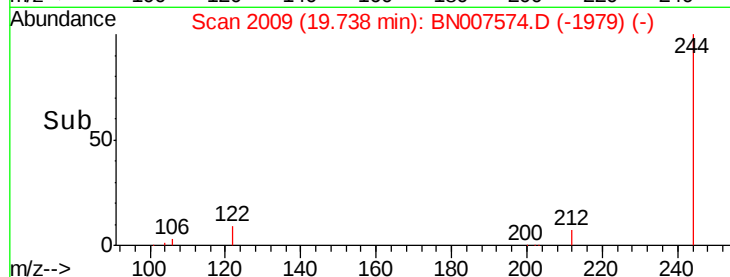
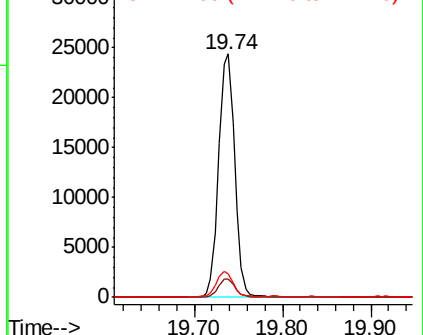
244 100

212 7.3 5.8 8.8

122 9.7 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: 0.351 ng

RT: 21.27 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

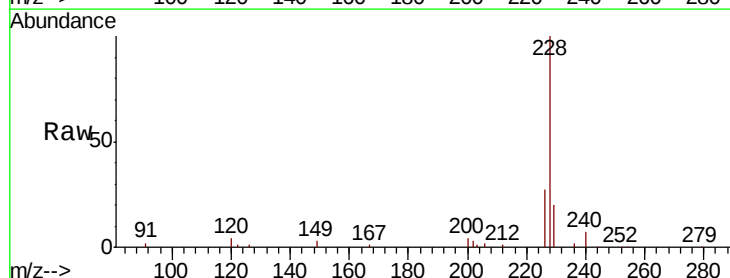
Tgt Ion:228 Resp: 41254

Ion Ratio Lower Upper

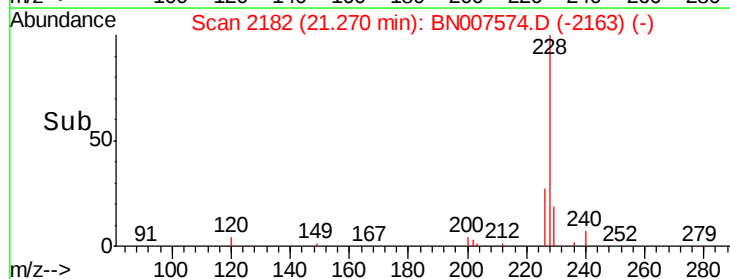
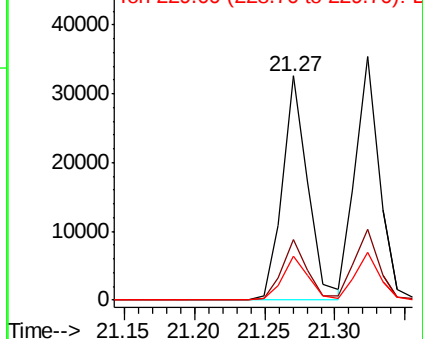
228 100

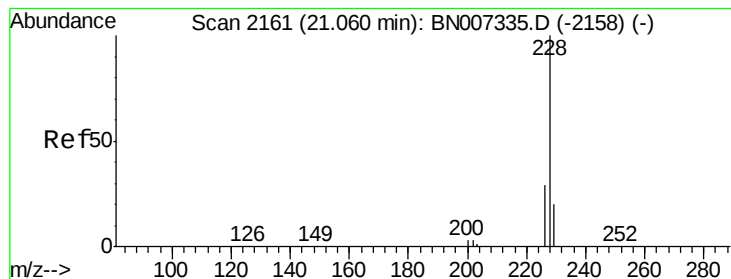
226 27.0 21.6 32.4

229 19.6 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: 0.371 ng

RT: 21.32 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

ClientSampleId :

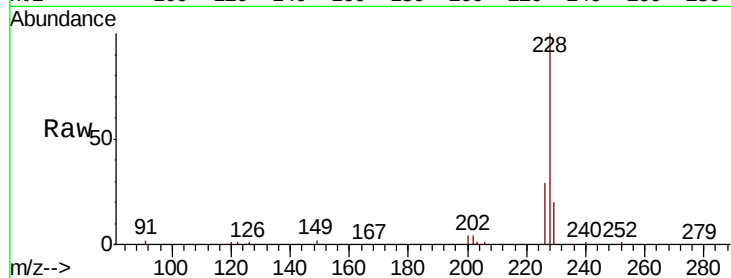
Tot Ion:228 Resp: 42088

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

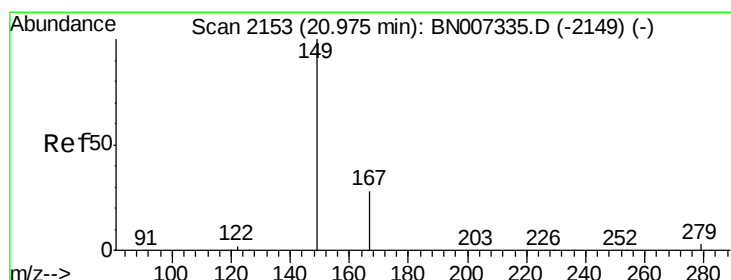
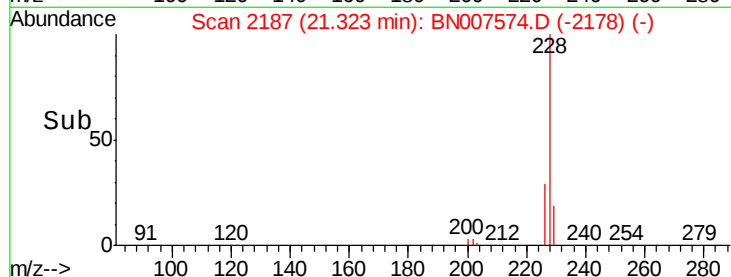
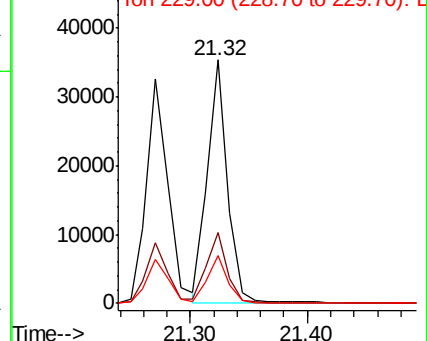
229 19.6 15.7 23.5



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: 0.140 ng

RT: 21.24 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

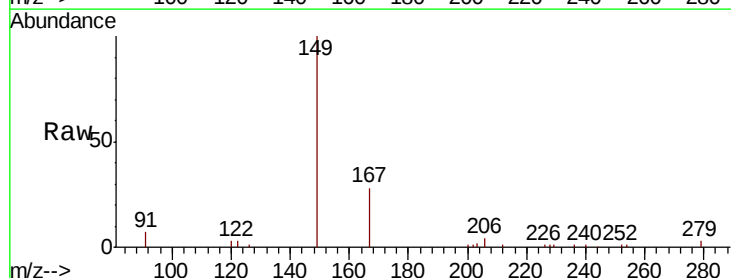
Tgt Ion:149 Resp: 12351

Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

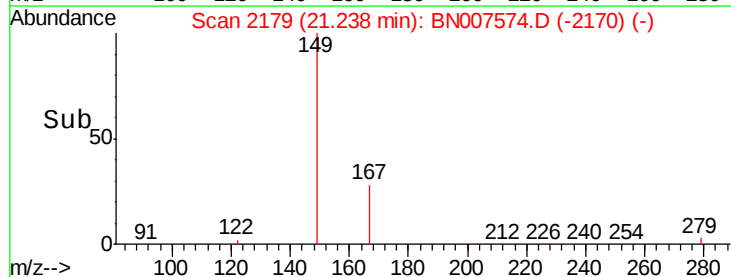
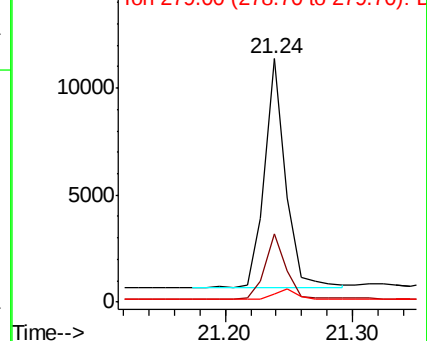
279 4.9 3.9 5.9

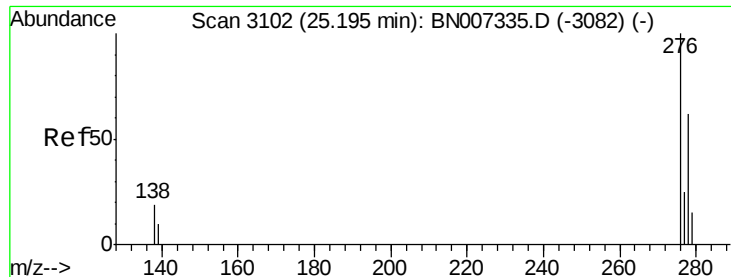


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

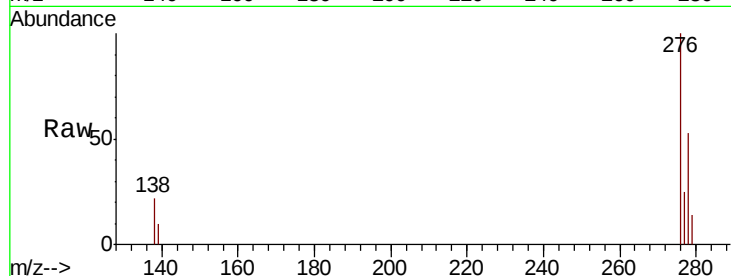




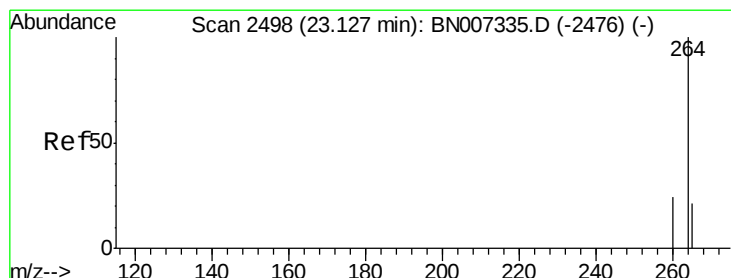
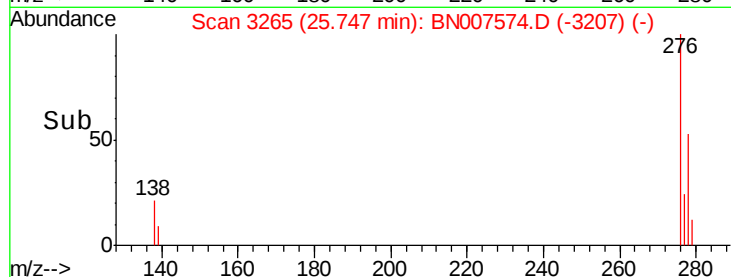
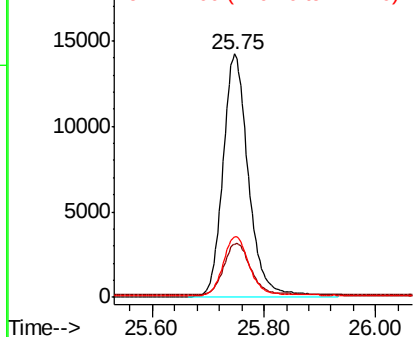
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng
RT: 25.75 min Scan# 3265
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 44552
Ion Ratio Lower Upper
276 100
138 22.3 0.0 0.0#
277 25.0 0.0 0.0#

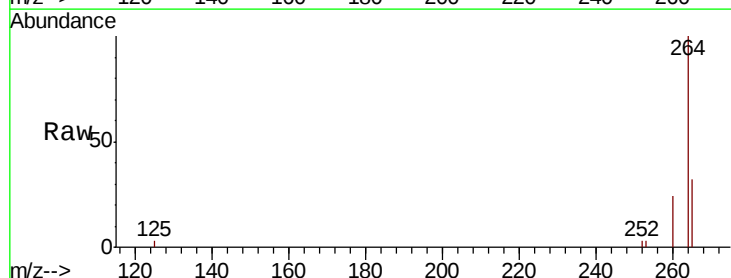


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

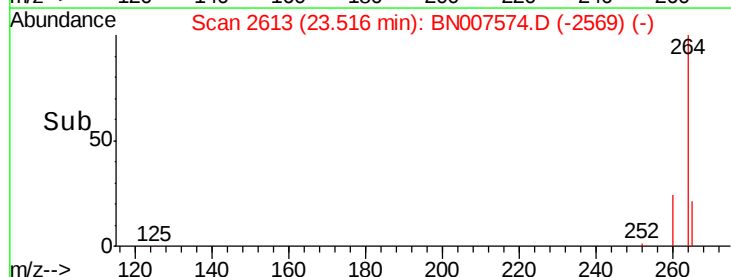
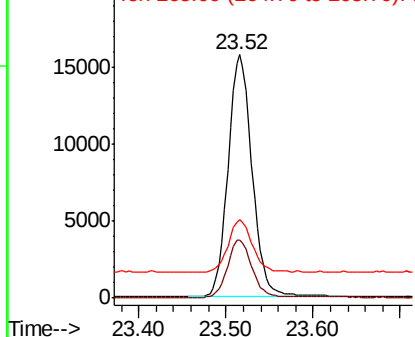


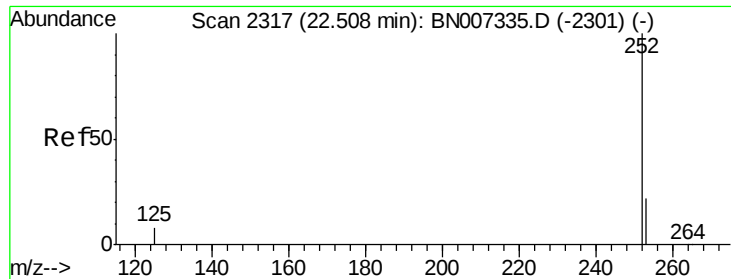
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.52 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:264 Resp: 30266
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 32.0 25.6 38.4



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

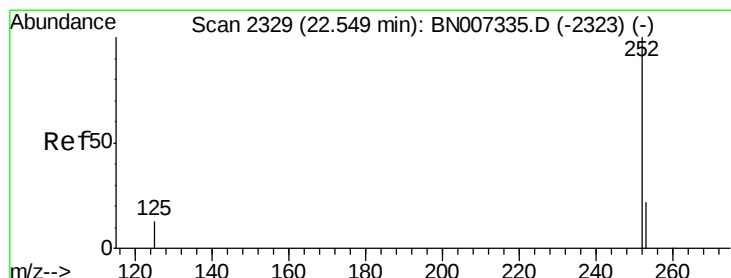
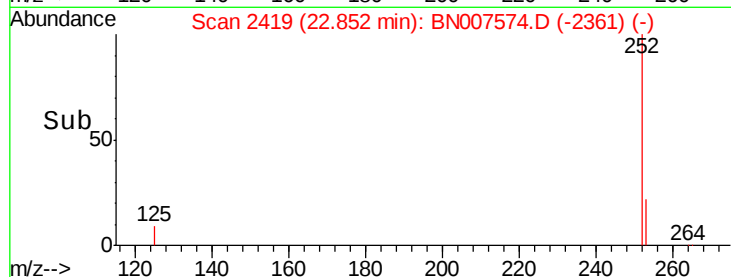
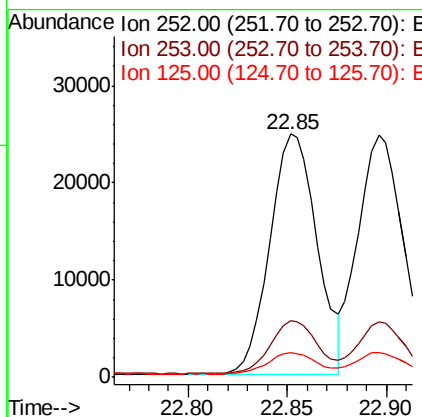
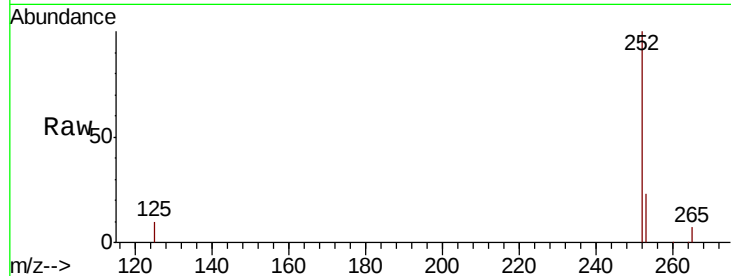




#35
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 22.85 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

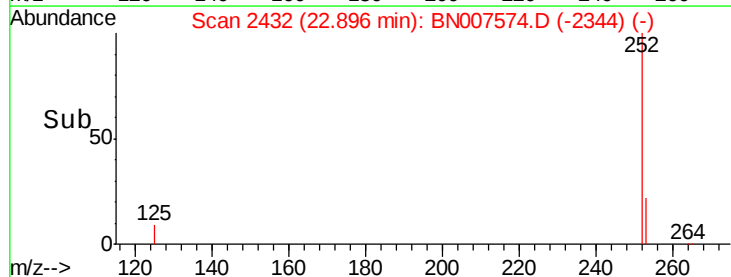
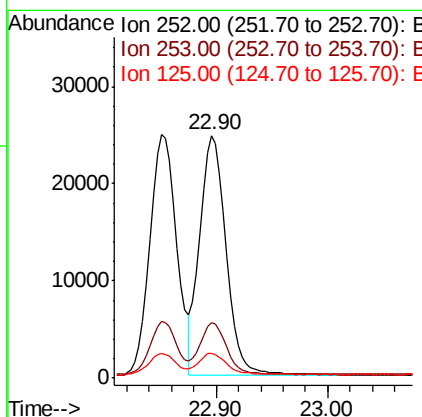
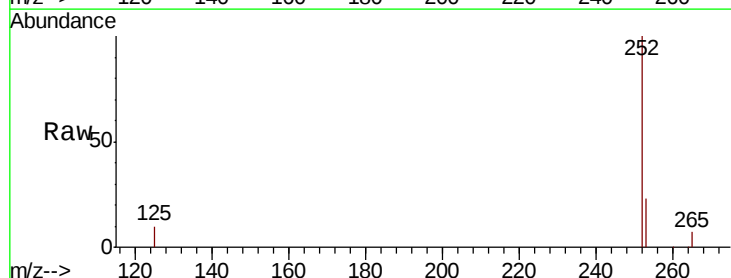
Instrument :
BNA_N
ClientSampleId :

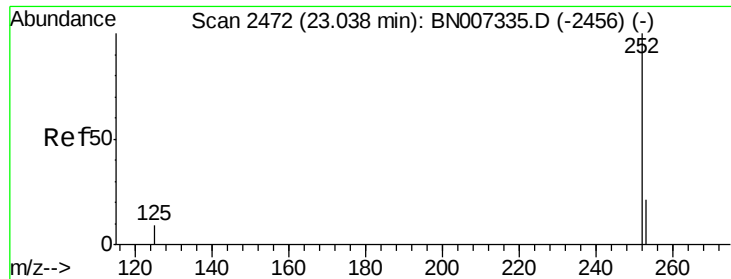
Tot Ion:252 Resp: 41284
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 10.2 8.2 12.2



#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 22.90 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:252 Resp: 40414
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 10.2 8.2 12.2





#37

Benzo(a)pyrene

Concen: 0.345 ng

RT: 23.42 min Scan# 2585

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

ClientSampleId :

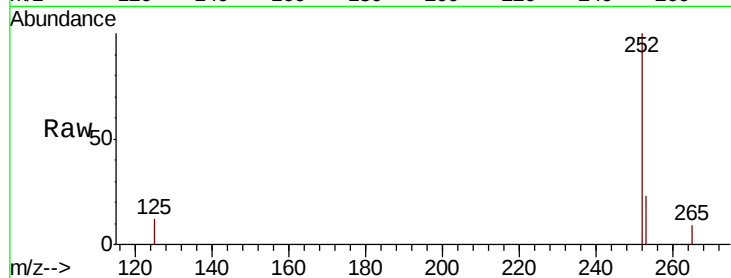
Tot Ion:252 Resp: 36028

Ion Ratio Lower Upper

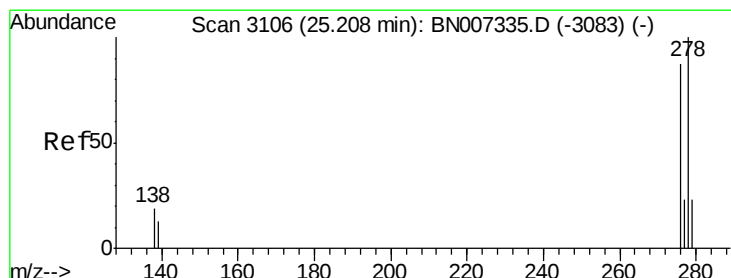
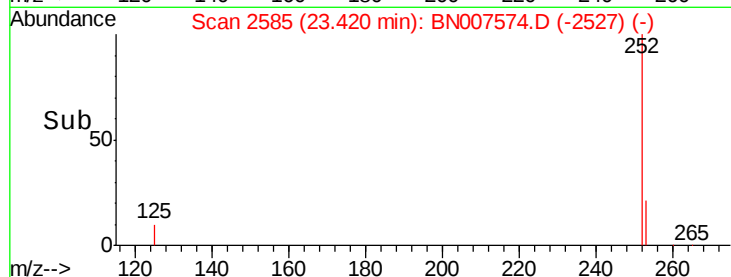
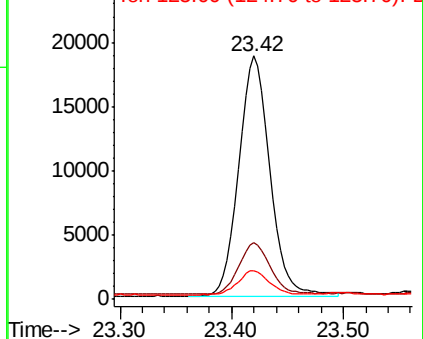
252 100

253 23.3 18.6 28.0

125 11.5 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: 0.351 ng

RT: 25.76 min Scan# 3270

Delta R.T. 0.00 min

Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

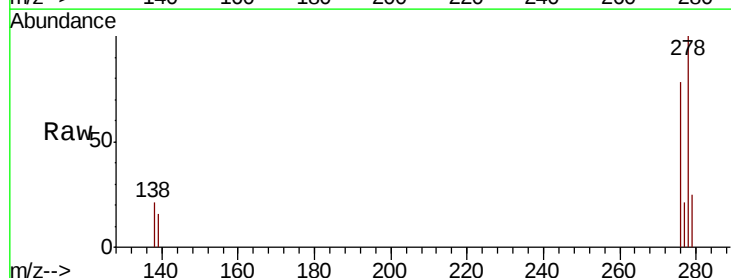
Tgt Ion:278 Resp: 36547

Ion Ratio Lower Upper

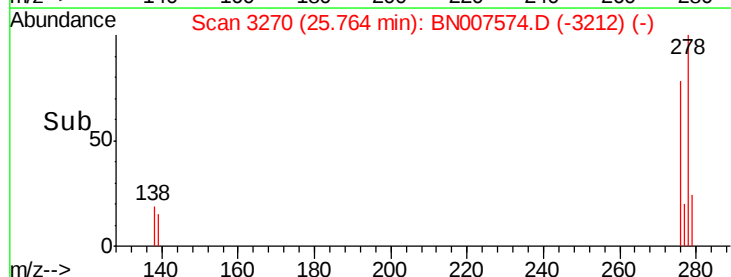
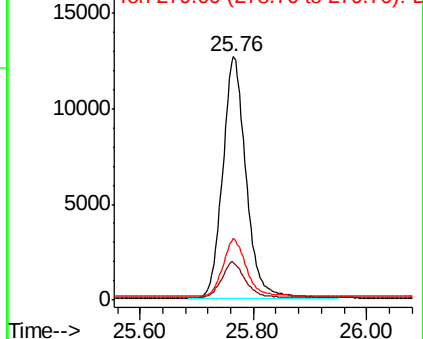
278 100

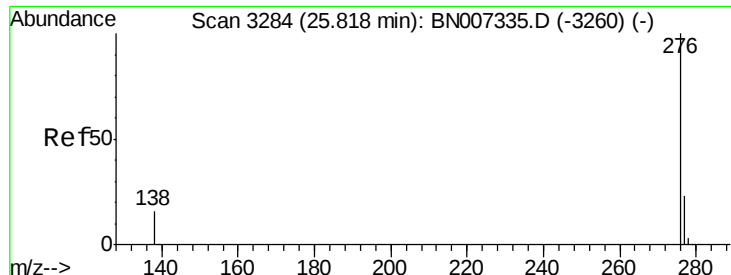
139 15.6 12.5 18.7

279 25.2 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: 0.361 ng

RT: 26.42 min Scan# 3462

Delta R.T. 0.00 min

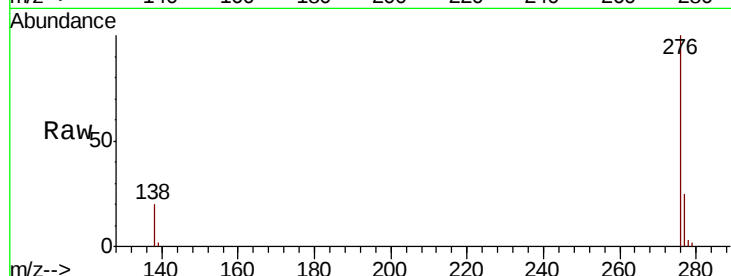
Lab File: BN007574.D

Acq: 10 Sep 2019 13:41

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 37438

Ion Ratio Lower Upper

276 100

277 24.6 19.7 29.5

138 19.9 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

