

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
 Data File : BN007576.D
 Acq On : 10 Sep 2019 14:53
 Operator : HP/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 10 15:41:20 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 14:23:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	4858	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	20321	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	11730	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	28551	0.40	ng	0.00
27) Chrysene-d12	21.28	240	31233	0.40	ng	-0.01
34) Perylene-d12	23.51	264	30073	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	22642	1.25	ng	0.00
5) Phenol-d6	6.90	99	30127	1.27	ng	0.00
8) Nitrobenzene-d5	8.86	82	20398	1.15	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	57309	1.70	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	6816	1.11	ng	0.00
15) 2-Fluorobiphenyl	12.98	172	79835	1.69	ng	0.00
25) Fluoranthene-d10	19.12	212	154009	1.67	ng	0.00
29) Terphenyl-d14	19.73	244	129027	1.58	ng	0.00

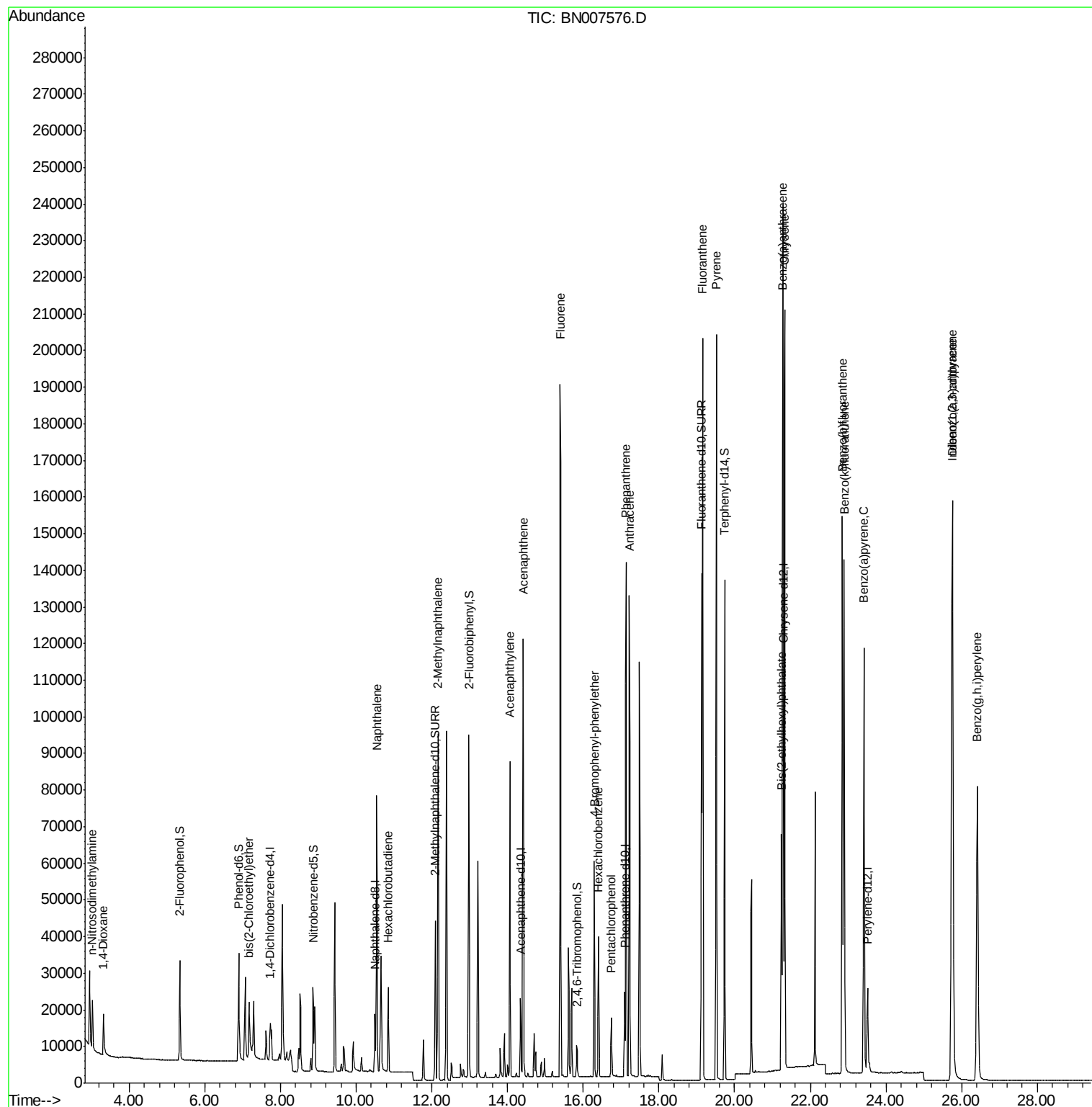
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	9402	1.165	ng	90
3) n-Nitrosodimethylamine	3.03	42	1554	0.414	ng	# 100
6) bis(2-Chloroethyl)ether	7.17	93	17614	1.004	ng	# 87
9) Naphthalene	10.54	128	93800	1.615	ng	99
10) Hexachlorobutadiene	10.85	225	18591	1.563	ng	# 99
12) 2-Methylnaphthalene	12.17	142	65841	1.665	ng	98
16) Acenaphthylene	14.07	152	103412	1.490	ng	100
17) Acenaphthene	14.41	154	65722	1.618	ng	99
18) Fluorene	15.39	166	86606	1.686	ng	100
20) 4-Bromophenyl-phenylether	16.29	248	27543	2.446	ng	98
21) Hexachlorobenzene	16.40	284	29011	1.516	ng	100
22) Pentachlorophenol	16.74	266	8231	1.384	ng	97
23) Phenanthrene	17.13	178	145371	1.693	ng	100
24) Anthracene	17.22	178	134302	1.555	ng	99
26) Fluoranthene	19.15	202	179078	1.624	ng	100
28) Pyrene	19.51	202	177520	1.413	ng	100
30) Benzo(a)anthracene	21.27	228	181447	1.479	ng	99
31) Chrysene	21.32	228	186296	1.574	ng	99
32) Bis(2-ethylhexyl)phthalate	21.24	149	59653	0.649	ng	98
33) Indeno(1,2,3-cd)pyrene	25.74	276	199039	1.396	ng	# 100
35) Benzo(b)fluoranthene	22.85	252	178376	1.637	ng	98
36) Benzo(k)fluoranthene	22.89	252	181930	1.689	ng	98
37) Benzo(a)pyrene	23.42	252	161280	1.555	ng	97
38) Dibenzo(a,h)anthracene	25.76	278	163713	1.582	ng	97
39) Benzo(g,h,i)perylene	26.41	276	163450	1.586	ng	99

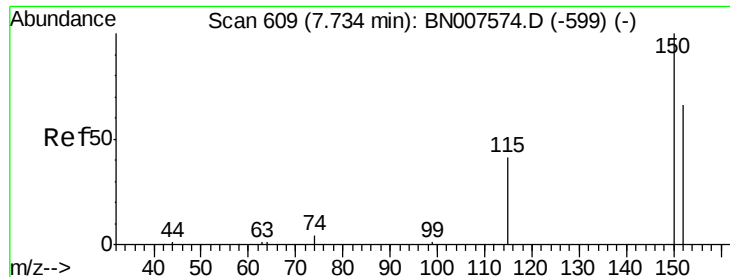
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
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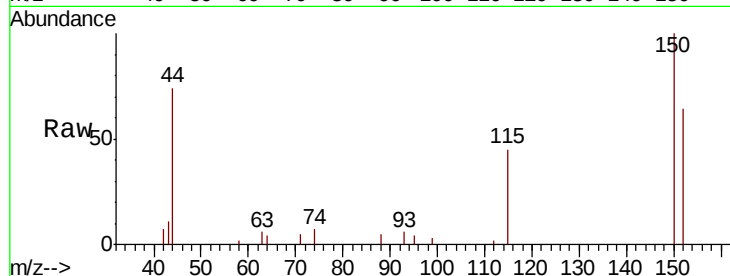


#1

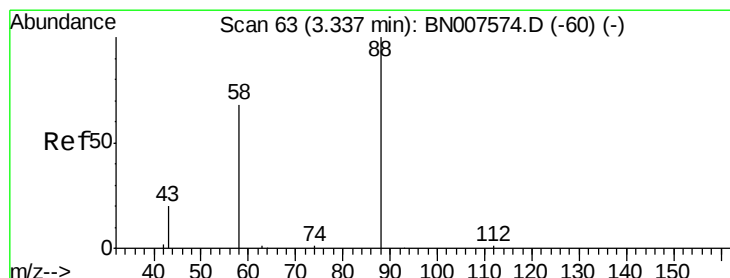
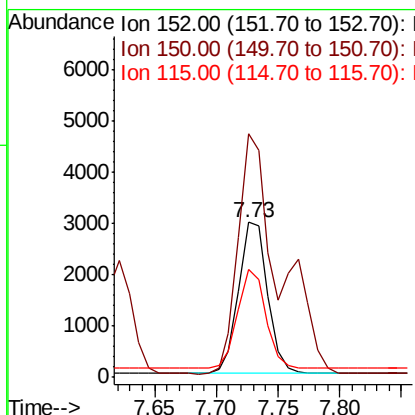
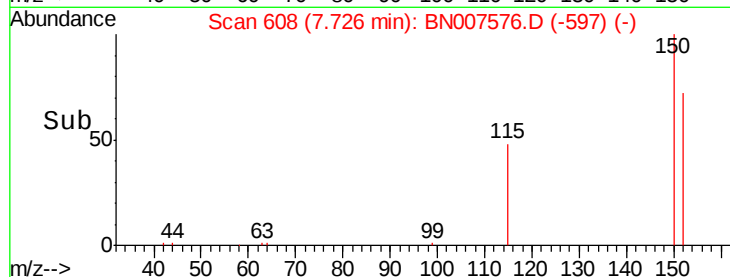
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007576.D
Acq: 10 Sep 2019 14:53

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4858
Ion Ratio Lower Upper
152 100
150 156.8 119.5 179.3
115 69.8 53.0 79.6



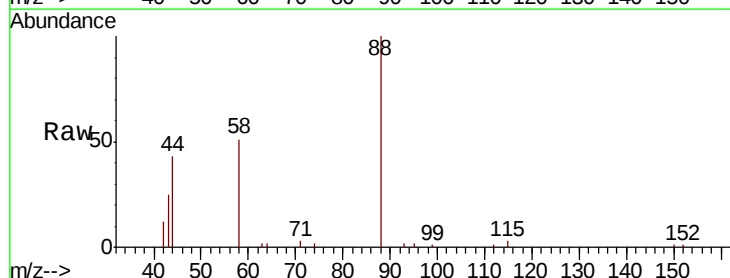
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



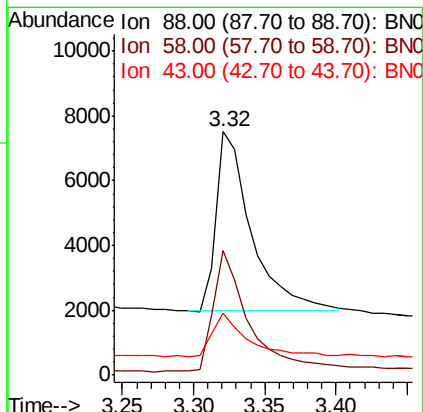
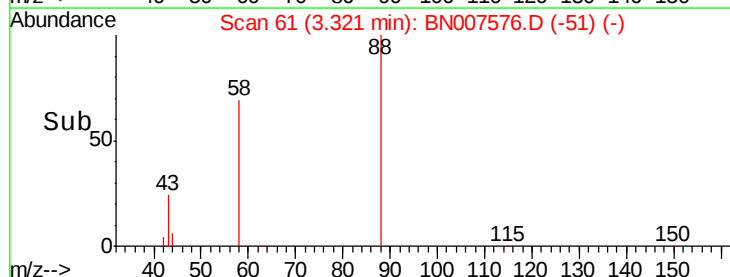
#2

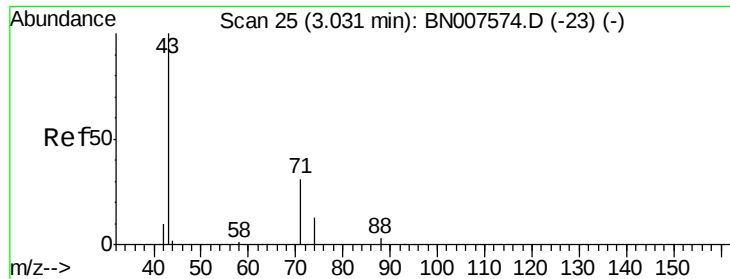
1,4-Dioxane
Concen: 1.165 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007576.D
Acq: 10 Sep 2019 14:53

Tgt Ion: 88 Resp: 9402
Ion Ratio Lower Upper
88 100
58 69.4 64.6 96.8
43 23.2 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: 0.414 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampled :

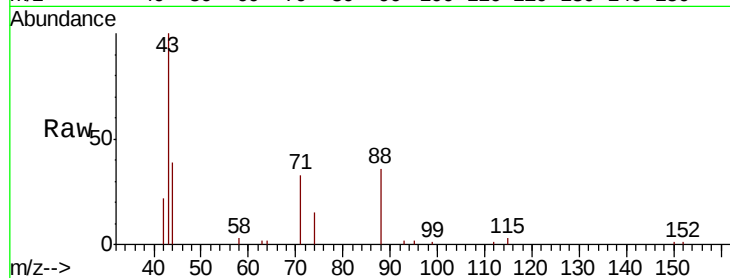
Tot Ion: 42 Resp: 1554

Ion Ratio Lower Upper

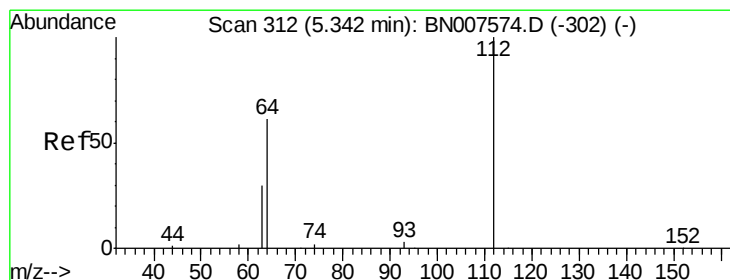
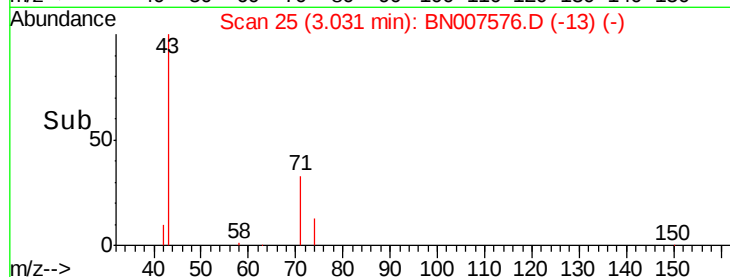
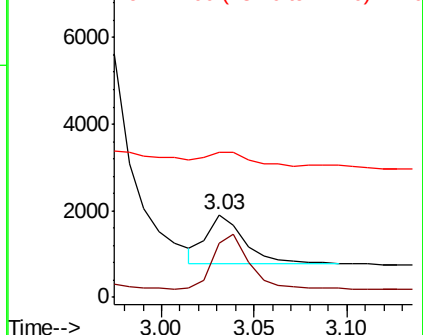
42 100

74 107.8 0.0 0.0#

44 29.2 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: 1.251 ng

RT: 5.34 min Scan# 312

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

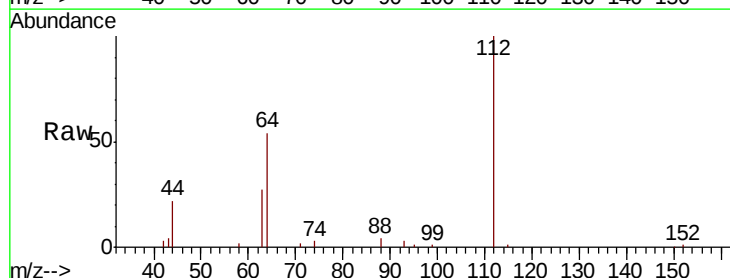
Tgt Ion: 112 Resp: 22642

Ion Ratio Lower Upper

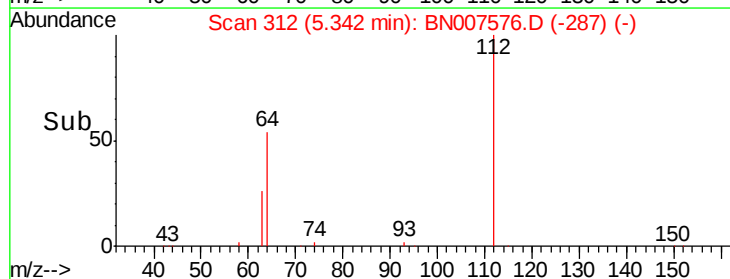
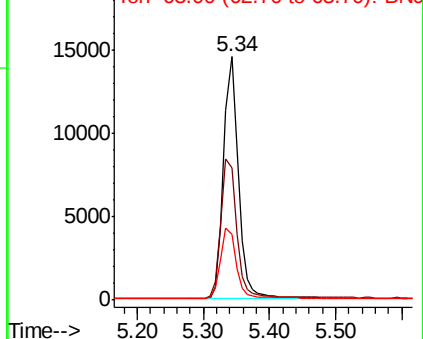
112 100

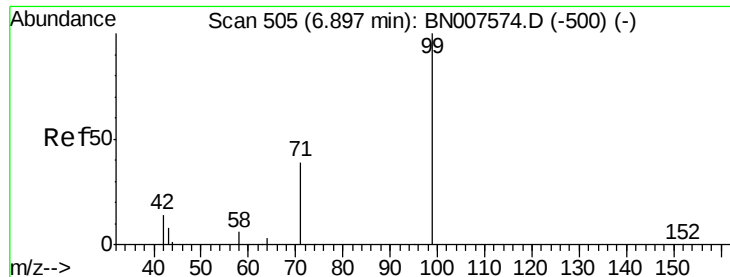
64 61.3 49.2 73.8

63 30.4 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: 1.270 ng

RT: 6.90 min Scan# 505

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampled :

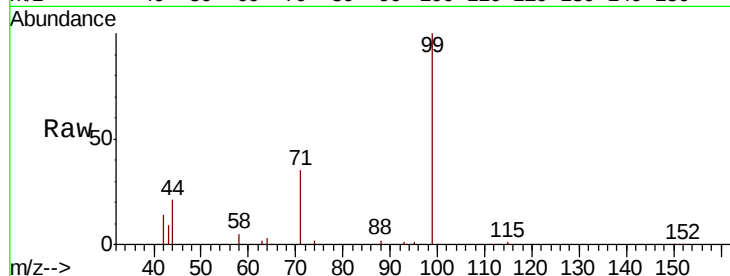
Tot Ion: 99 Resp: 30127

Ion Ratio Lower Upper

99 100

42 15.1 11.8 17.8

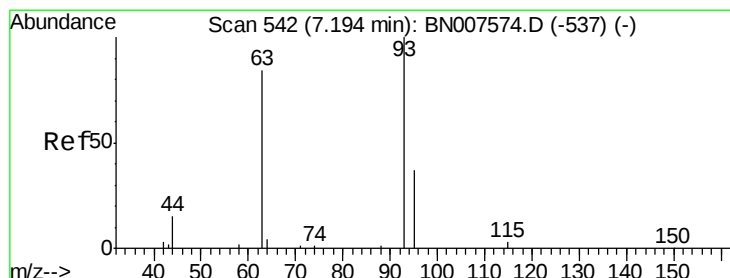
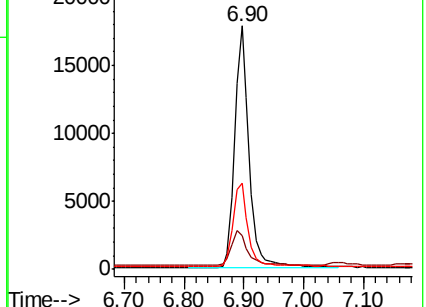
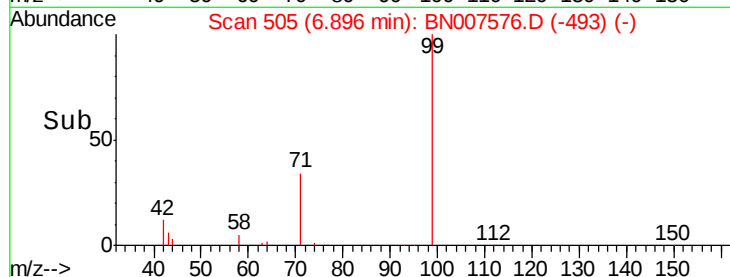
71 35.7 28.8 43.2



Abundance Ion 99.00 (98.70 to 99.70): BN007574.D (-500) (-)

Ion 42.00 (41.70 to 42.70): BN007574.D (-500) (-)

Ion 71.00 (70.70 to 71.70): BN007574.D (-500) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.004 ng

RT: 7.17 min Scan# 539

Delta R.T. -0.02 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

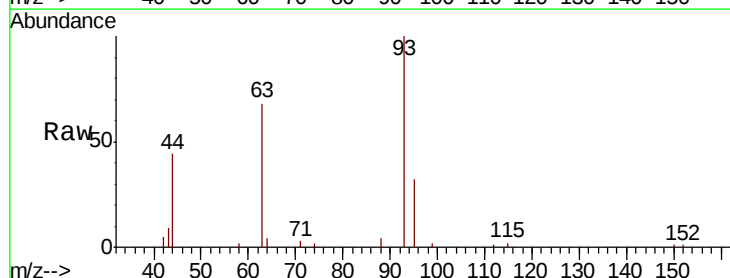
Tgt Ion: 93 Resp: 17614

Ion Ratio Lower Upper

93 100

63 76.9 69.8 104.6

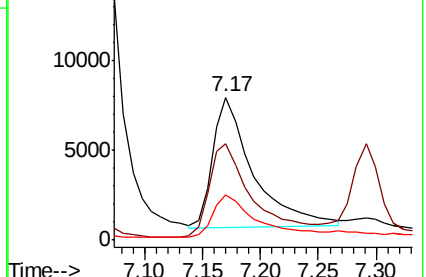
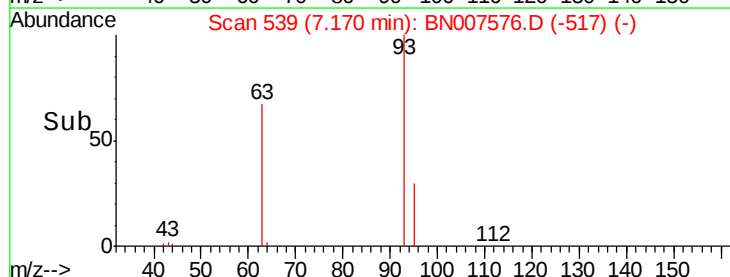
95 41.8 42.8 64.2#

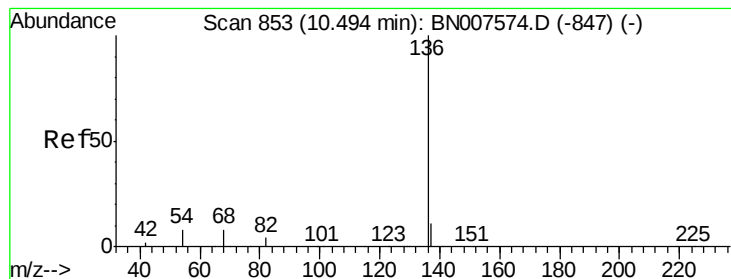


Abundance Ion 93.00 (92.70 to 93.70): BN007574.D (-537) (-)

Ion 63.00 (62.70 to 63.70): BN007574.D (-537) (-)

Ion 95.00 (94.70 to 95.70): BN007574.D (-537) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 20321

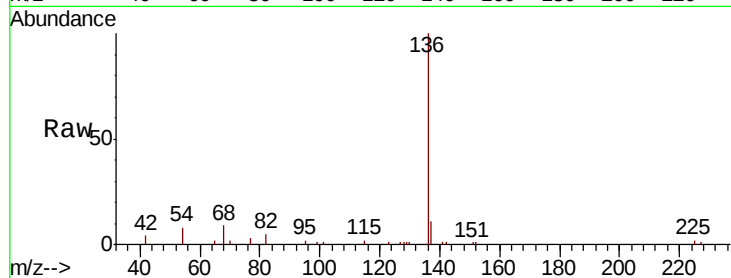
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.4 7.5 11.3

68 9.3 7.9 11.9

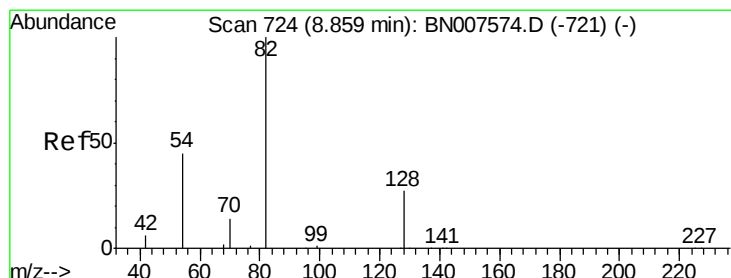
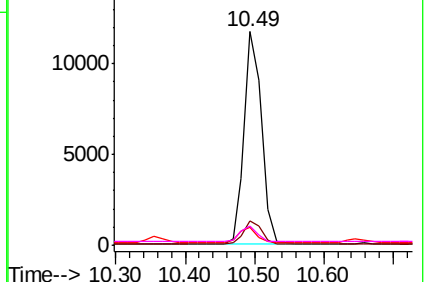
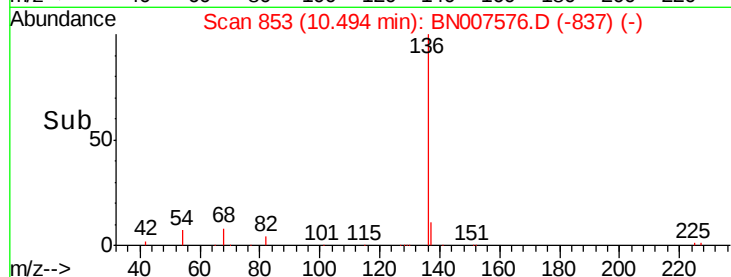


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.153 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

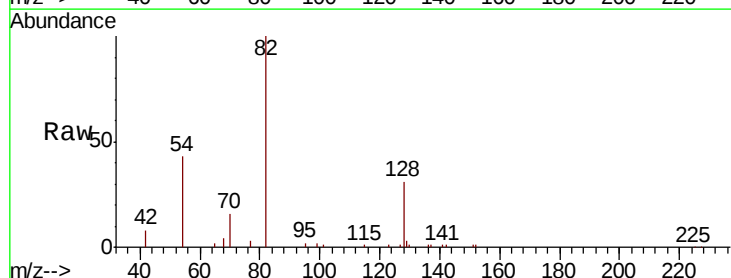
Tgt Ion: 82 Resp: 20398

Ion Ratio Lower Upper

82 100

128 30.5 23.4 35.2

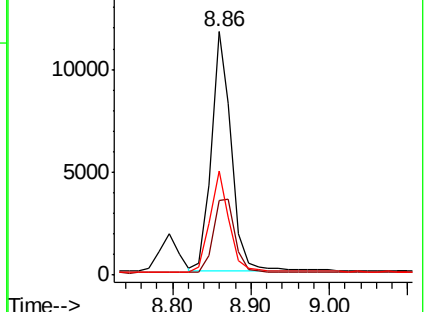
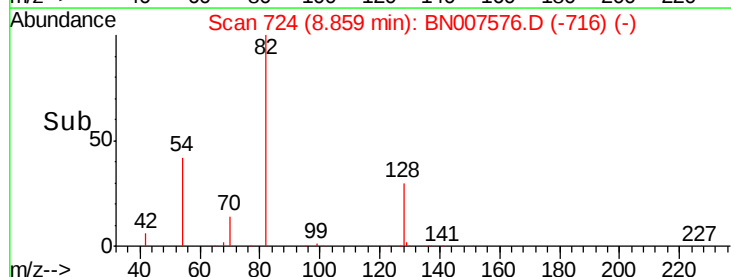
54 42.7 38.2 57.2

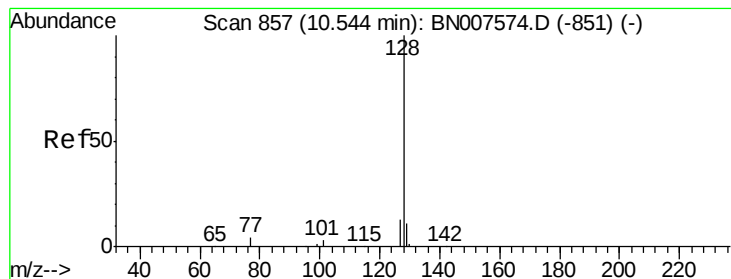


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.615 ng

RT: 10.54 min Scan# 857

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampleId :

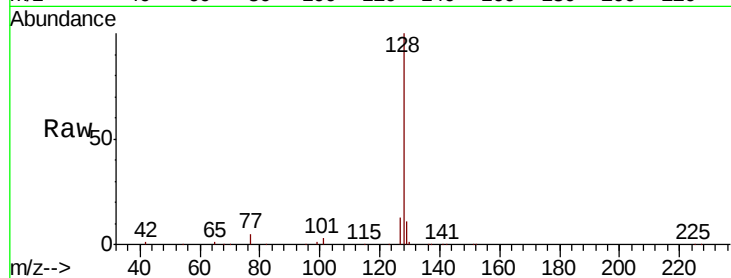
Tot Ion:128 Resp: 93800

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

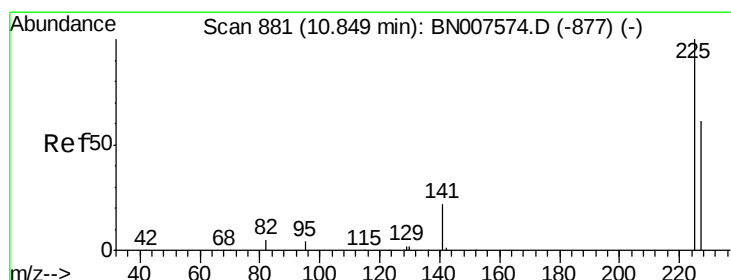
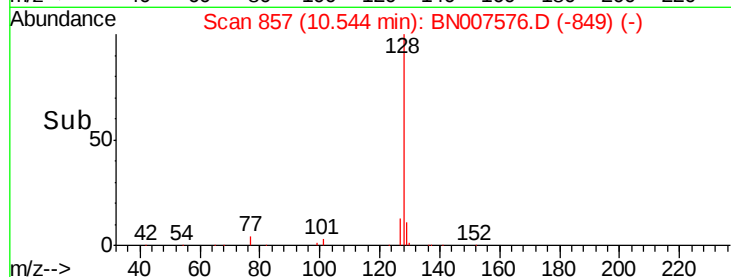
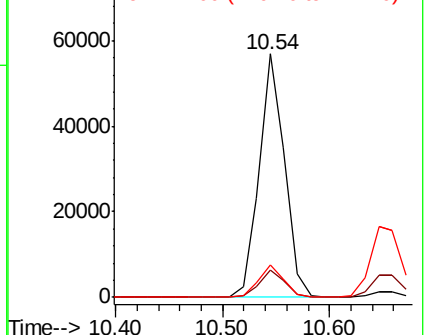
127 13.3 11.0 16.4



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: 1.563 ng

RT: 10.85 min Scan# 881

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

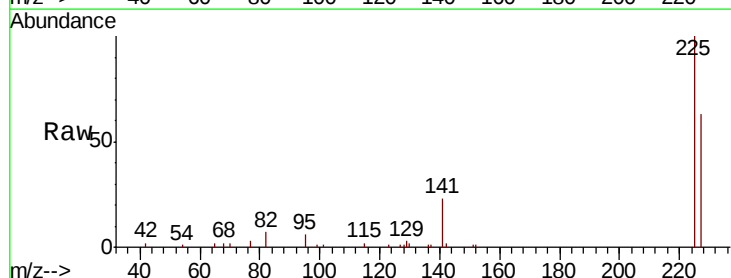
Tgt Ion:225 Resp: 18591

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

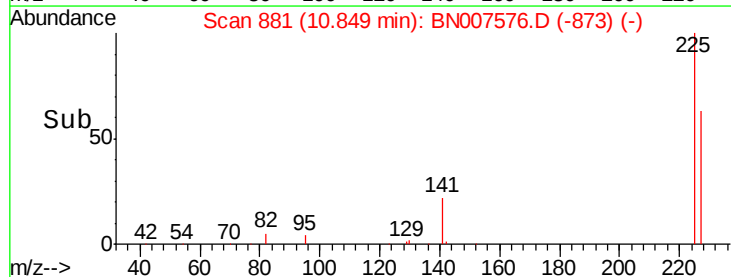
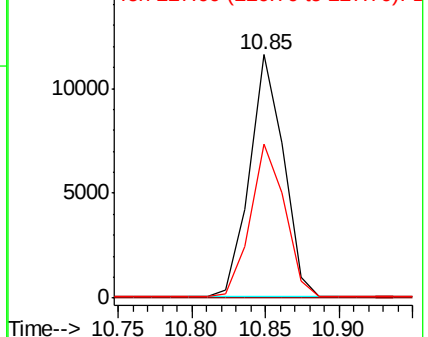
227 64.0 50.4 75.6

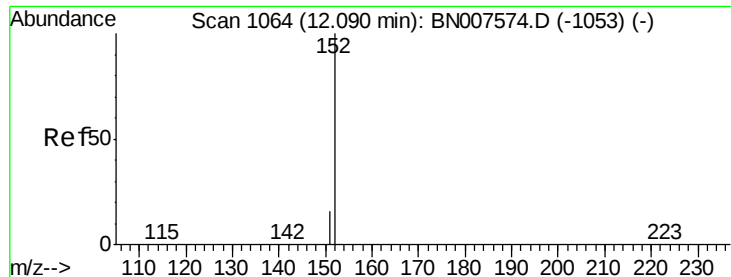


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

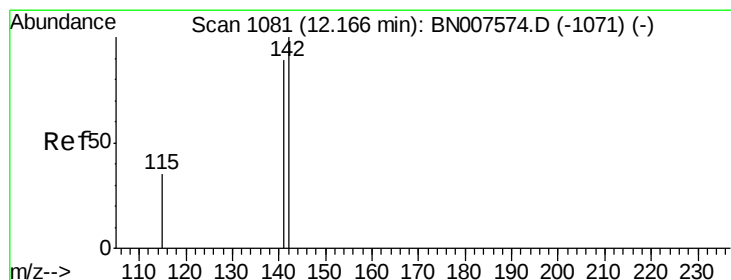
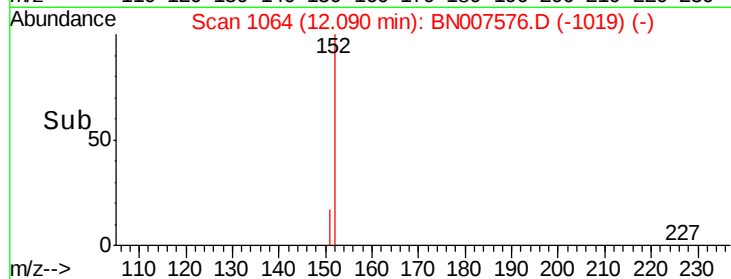
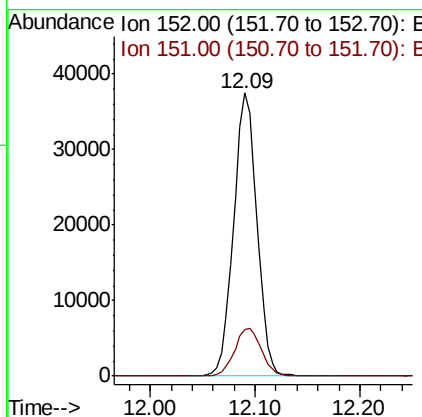
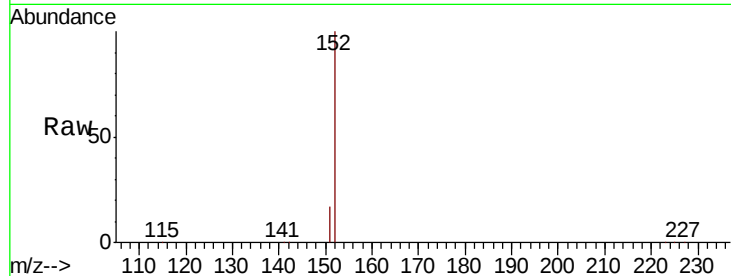




#11
 2-Methylnaphthalene-d10
 Concen: 1.697 ng
 RT: 12.09 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BN007576.D
 Acq: 10 Sep 2019 14:53

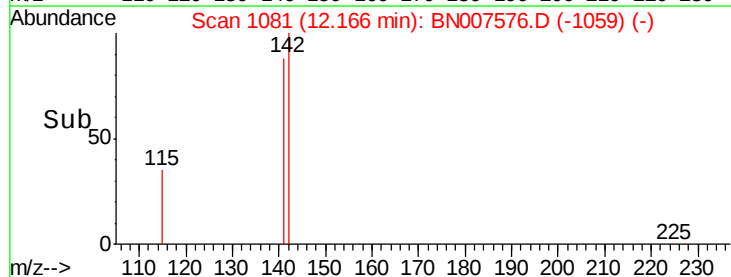
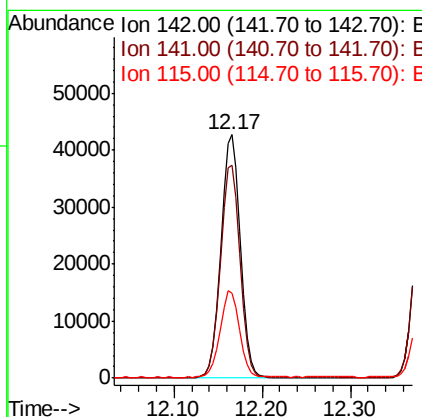
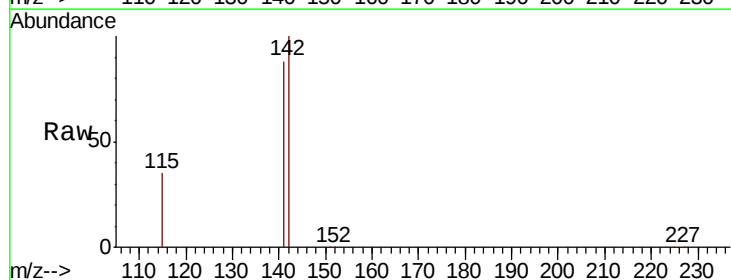
Instrument :
 BNA_N
 ClientSampleId :

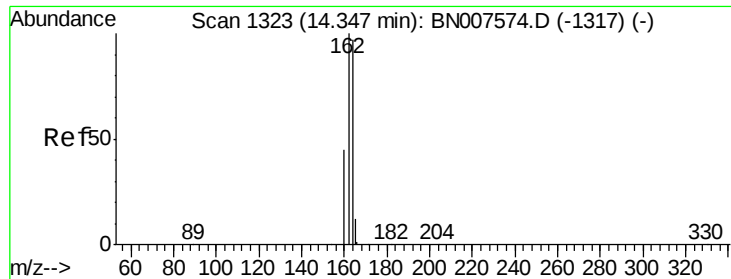
Tot Ion:152 Resp: 57309
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 1.665 ng
 RT: 12.17 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BN007576.D
 Acq: 10 Sep 2019 14:53

Tgt Ion:142 Resp: 65841
 Ion Ratio Lower Upper
 142 100
 141 87.5 71.0 106.6
 115 35.1 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: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampleId :

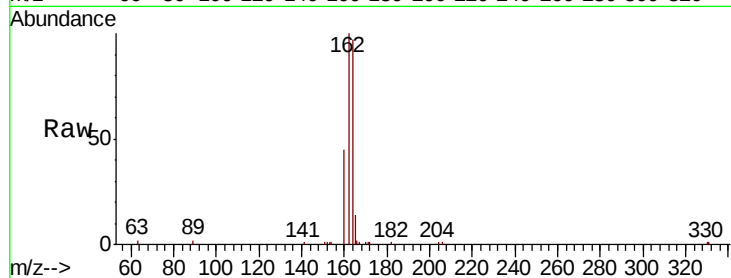
Tot Ion:164 Resp: 11730

Ion Ratio Lower Upper

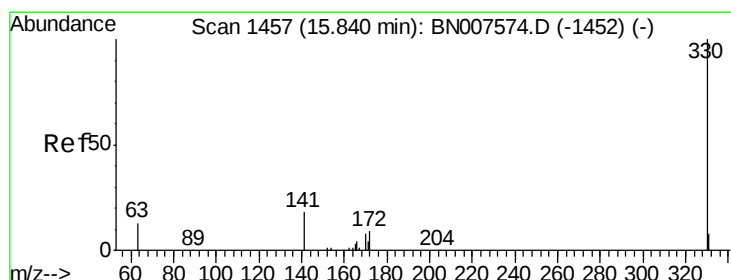
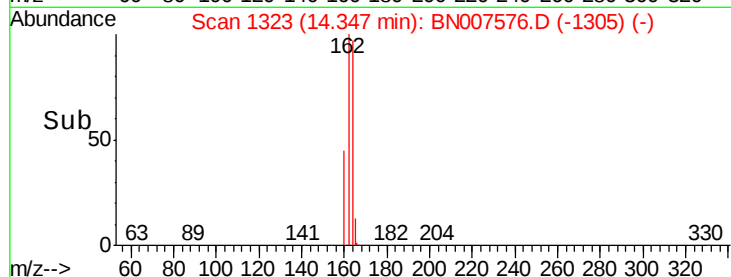
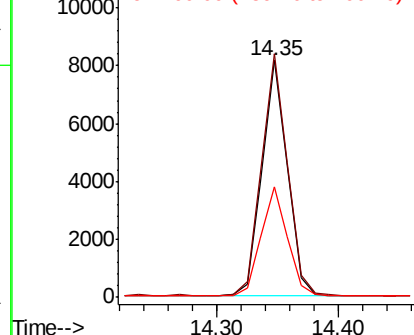
164 100

162 102.8 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: 1.111 ng

RT: 15.84 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

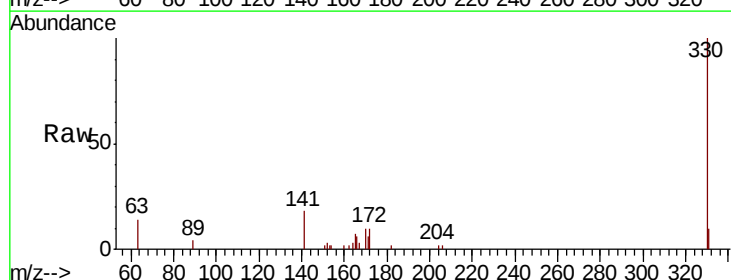
Tgt Ion:330 Resp: 6816

Ion Ratio Lower Upper

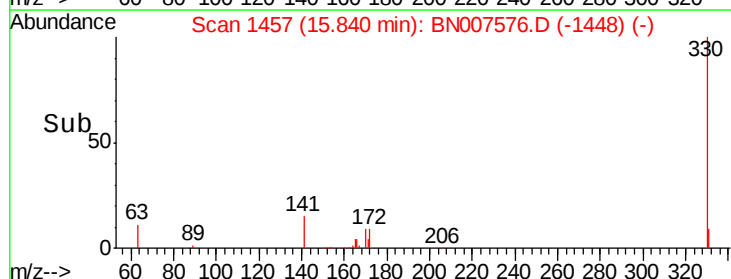
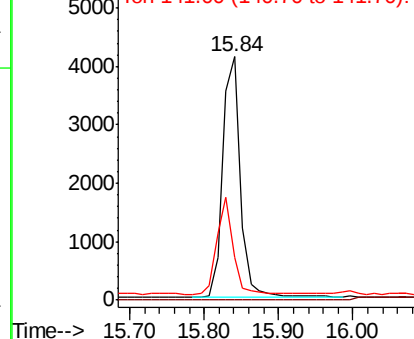
330 100

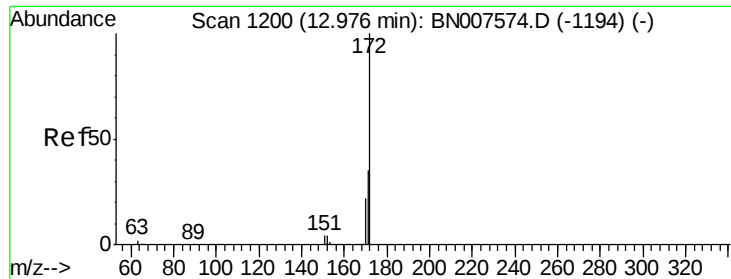
332 0.0 0.0 0.0

141 37.0 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

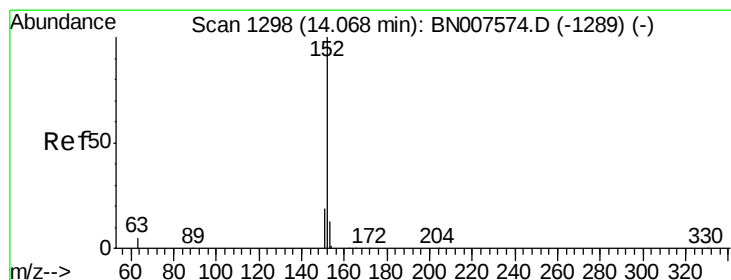
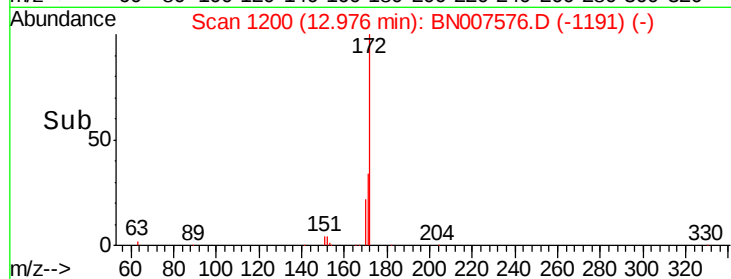
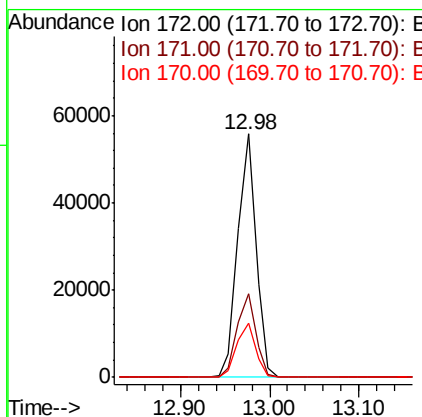
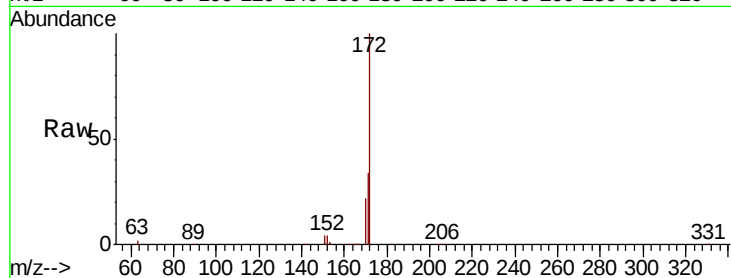




#15
2-Fluorobiphenyl
Concen: 1.688 ng
RT: 12.98 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BN007576.D
Acq: 10 Sep 2019 14:53

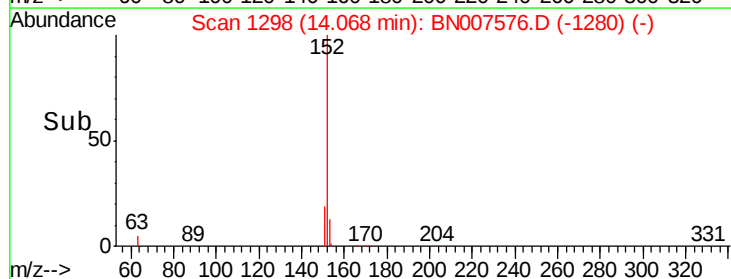
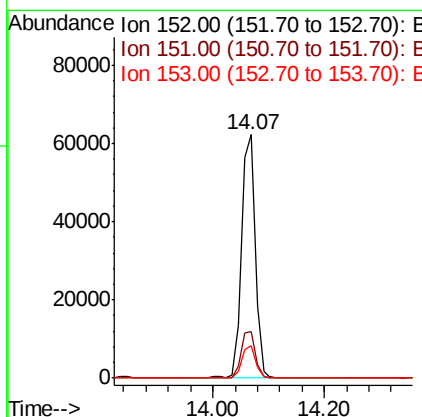
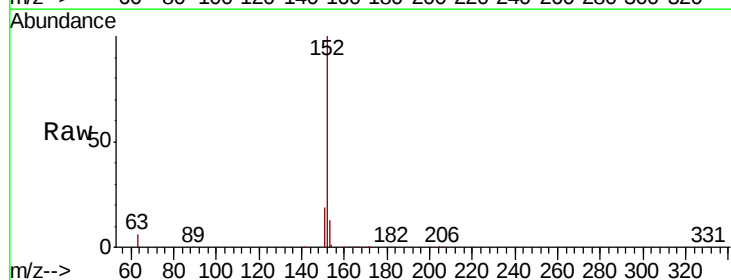
Instrument :
BNA_N
ClientSampleId :

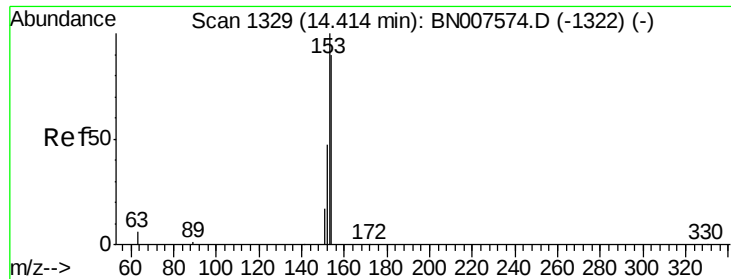
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	22.4	18.3	27.5



#16
Acenaphthylene
Concen: 1.490 ng
RT: 14.07 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BN007576.D
Acq: 10 Sep 2019 14:53

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





#17

Acenaphthene

Concen: 1.618 ng

RT: 14.41 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampleId :

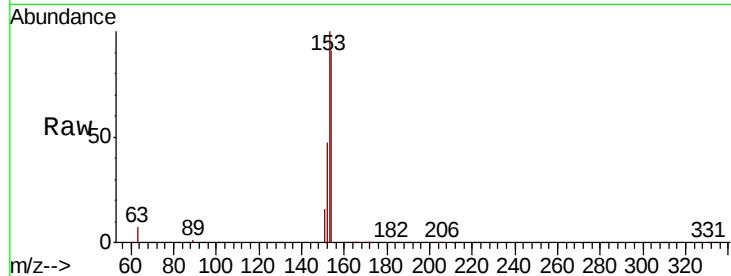
Tot Ion:154 Resp: 65722

Ion Ratio Lower Upper

154 100

153 111.3 89.4 134.2

152 53.7 43.4 65.0

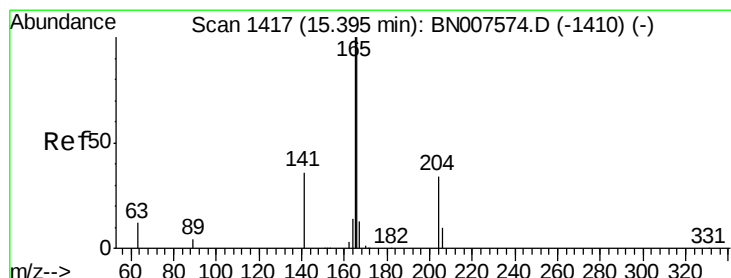
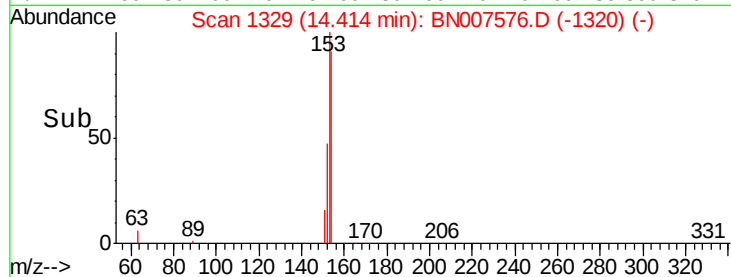
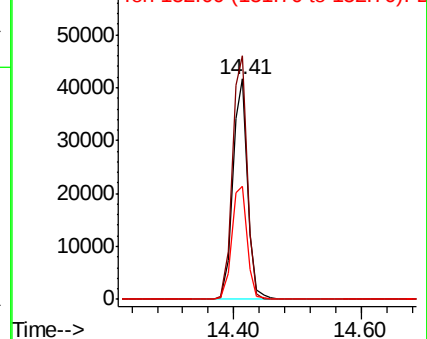


Abundance

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: 1.686 ng

RT: 15.39 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

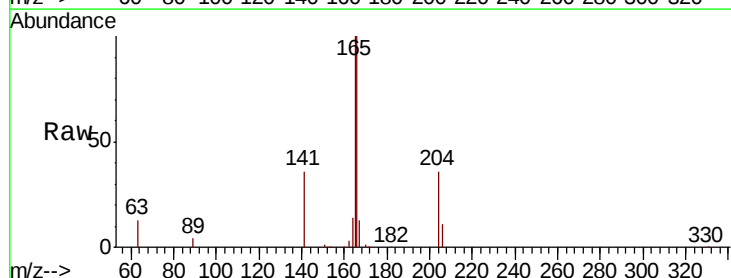
Tgt Ion:166 Resp: 86606

Ion Ratio Lower Upper

166 100

165 97.5 77.8 116.6

167 13.5 11.0 16.4

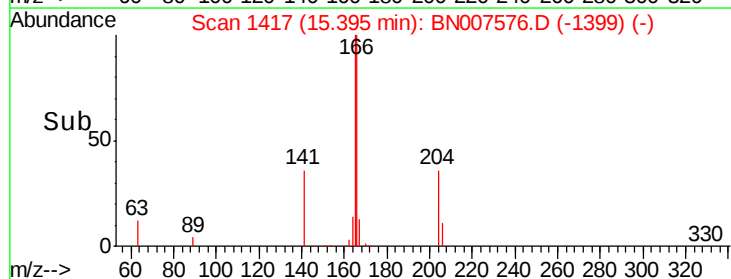
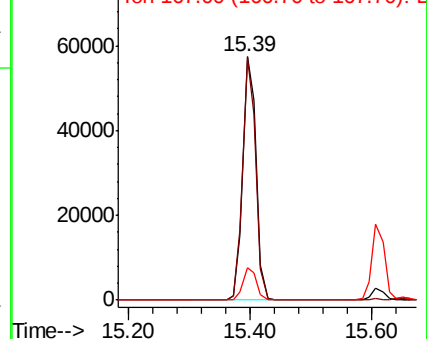


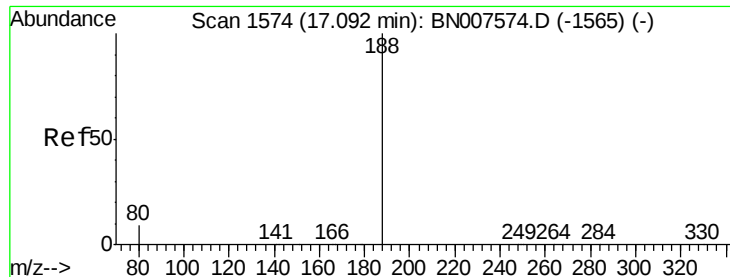
Abundance

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: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampleId :

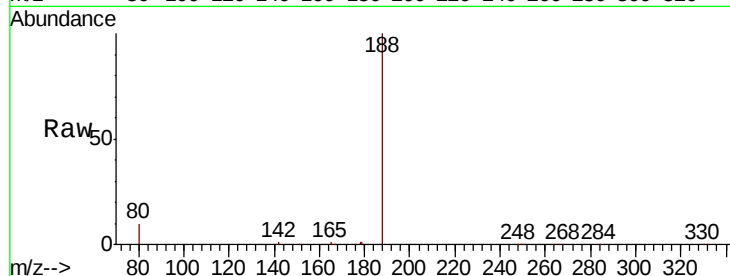
Tot Ion:188 Resp: 28551

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

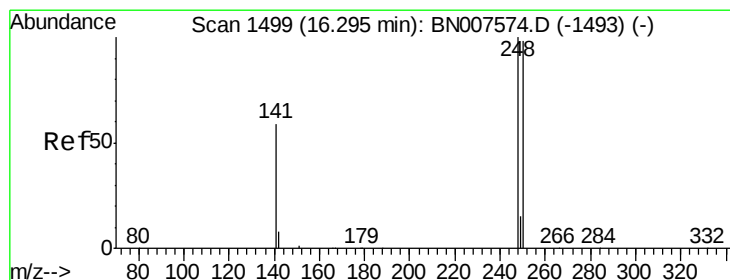
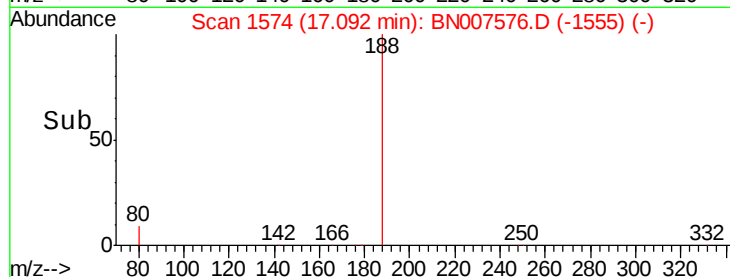
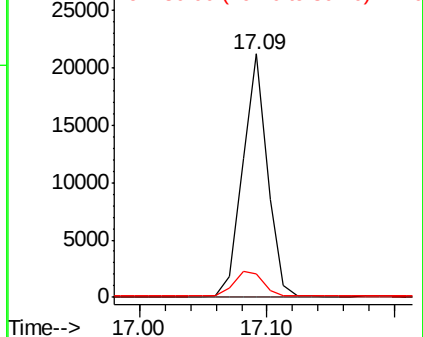
80 9.6 8.1 12.1



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: 2.446 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

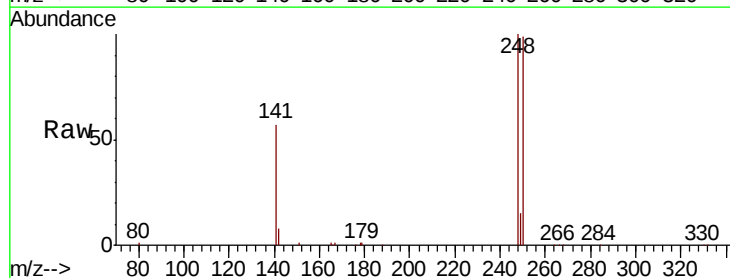
Tgt Ion:248 Resp: 27543

Ion Ratio Lower Upper

248 100

250 98.6 78.9 118.3

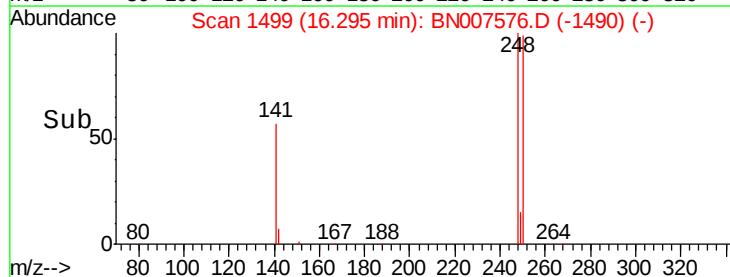
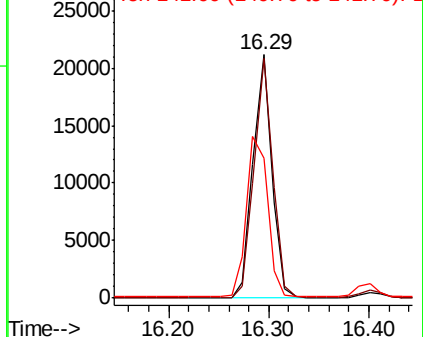
141 57.3 48.3 72.5

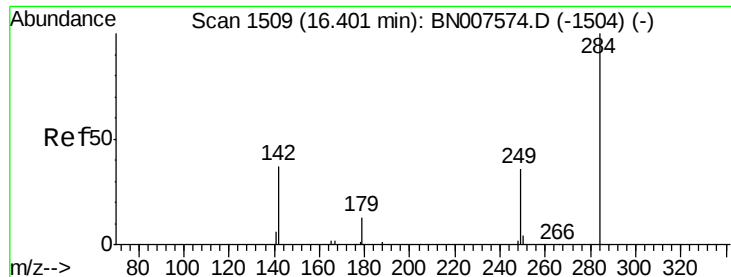


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.516 ng

RT: 16.40 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampled :

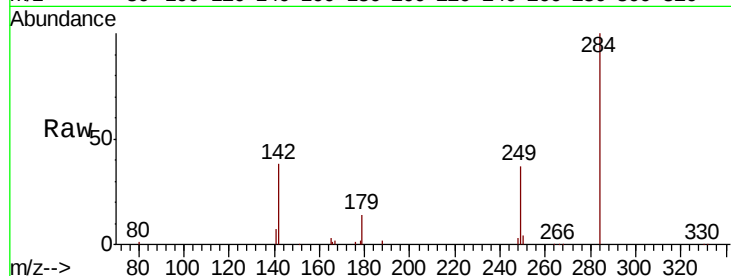
Tot Ion:284 Resp: 29011

Ion Ratio Lower Upper

284 100

142 35.0 27.9 41.9

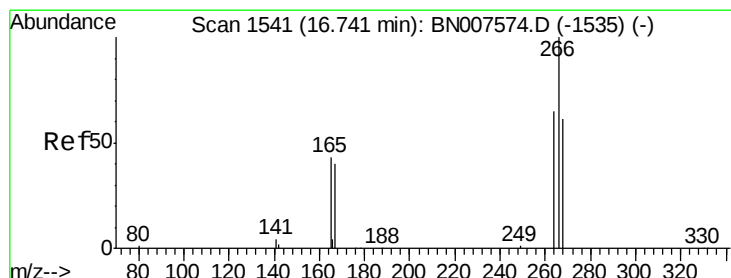
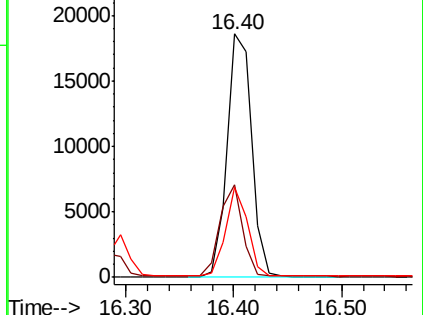
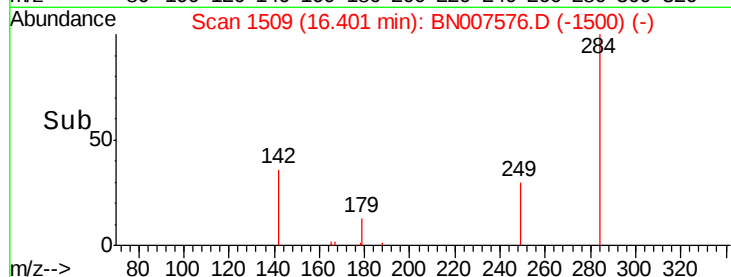
249 32.7 26.0 39.0



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: 1.384 ng

RT: 16.74 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

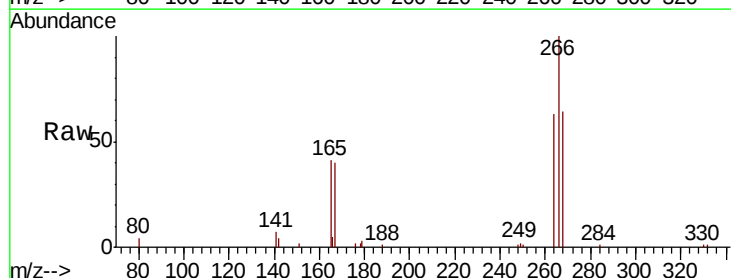
Tgt Ion:266 Resp: 8231

Ion Ratio Lower Upper

266 100

264 63.5 52.0 78.0

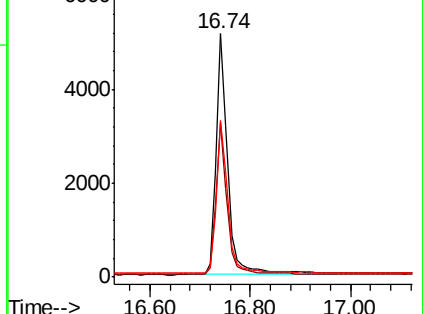
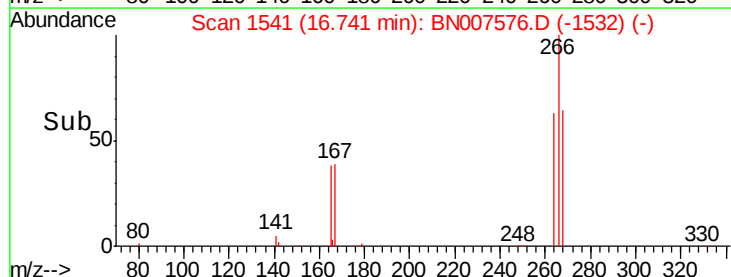
268 64.4 53.5 80.3

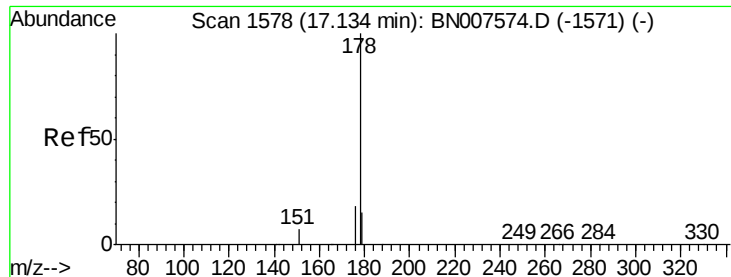


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.693 ng

RT: 17.13 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampled :

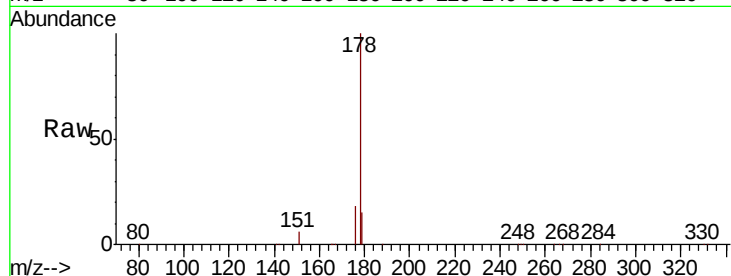
Tot Ion:178 Resp: 145371

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

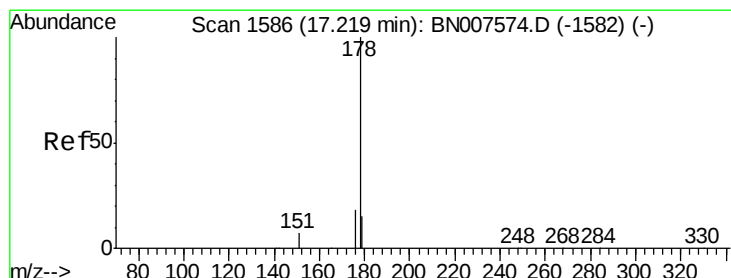
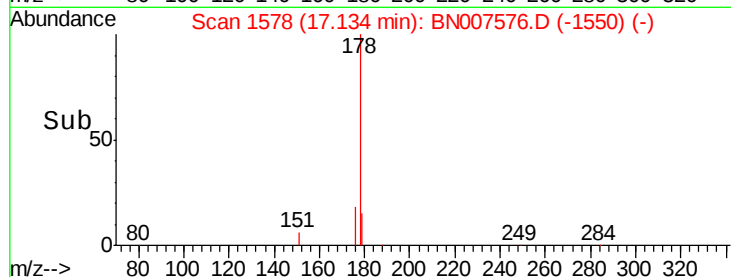
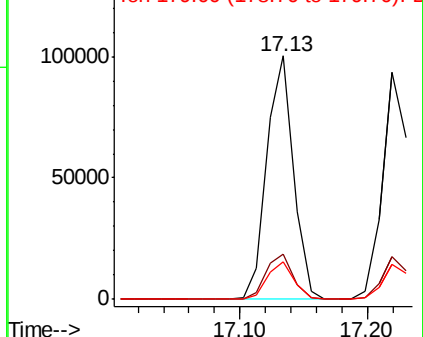
179 15.3 12.2 18.2



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: 1.555 ng

RT: 17.22 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

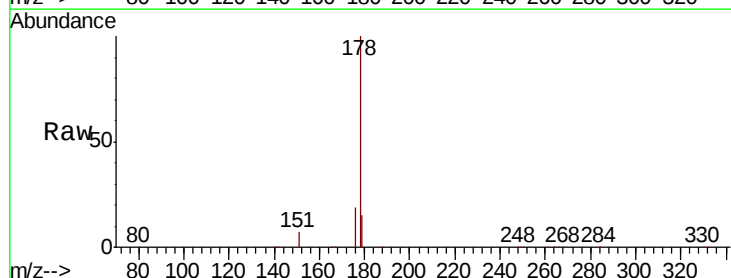
Tgt Ion:178 Resp: 134302

Ion Ratio Lower Upper

178 100

176 18.2 14.4 21.6

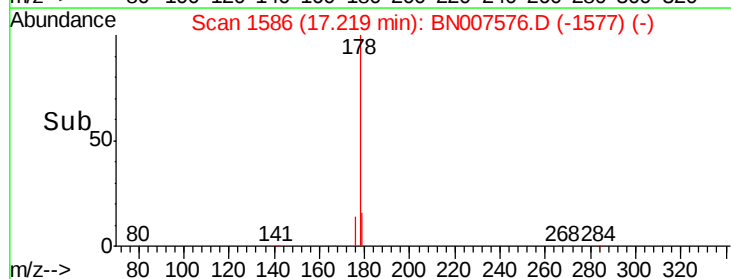
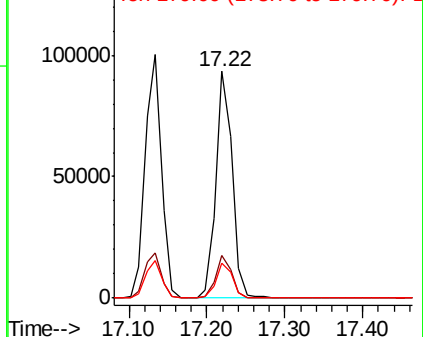
179 15.3 12.5 18.7

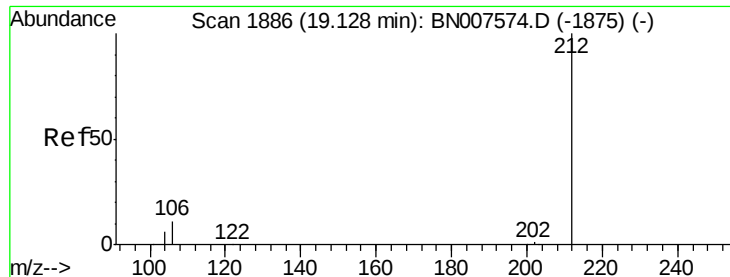


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.675 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampleId :

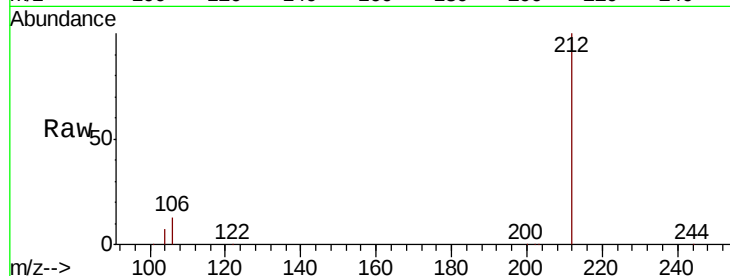
Tot Ion:212 Resp: 154009

Ion Ratio Lower Upper

212 100

106 12.0 9.7 14.5

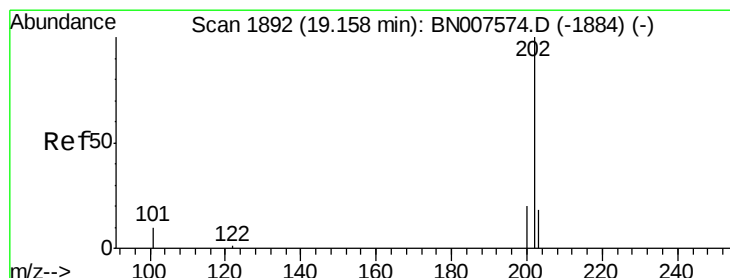
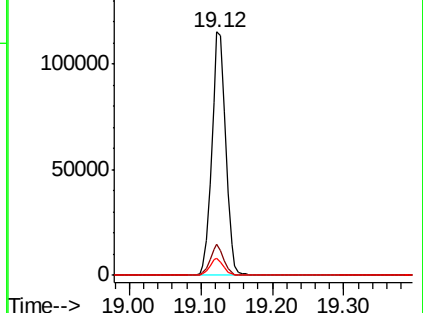
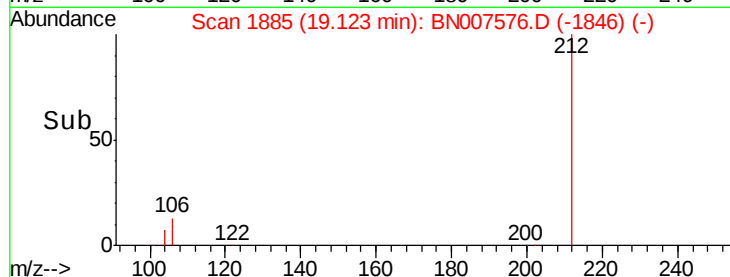
104 6.7 5.5 8.3



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: 1.624 ng

RT: 19.15 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

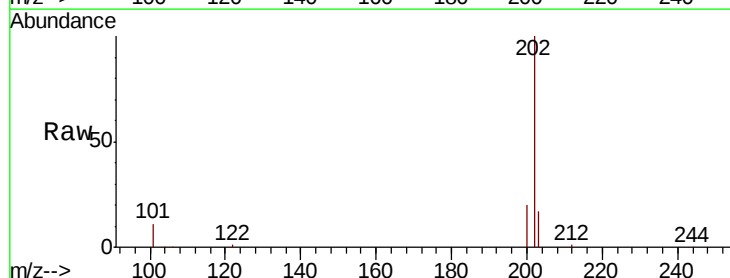
Tgt Ion:202 Resp: 179078

Ion Ratio Lower Upper

202 100

101 11.0 8.8 13.2

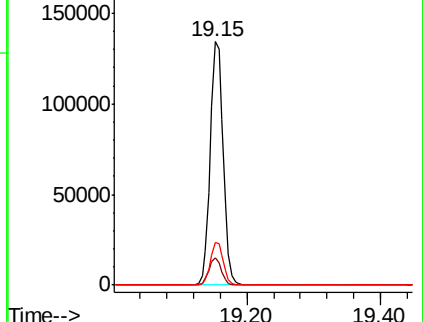
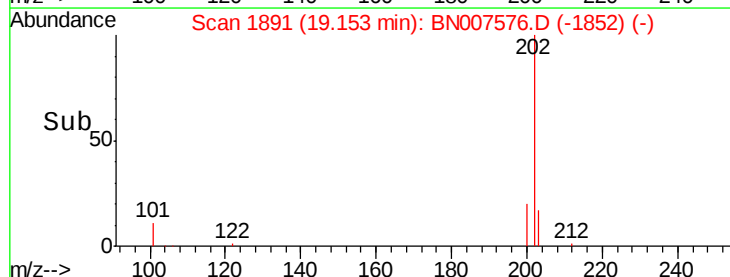
203 17.3 13.8 20.8

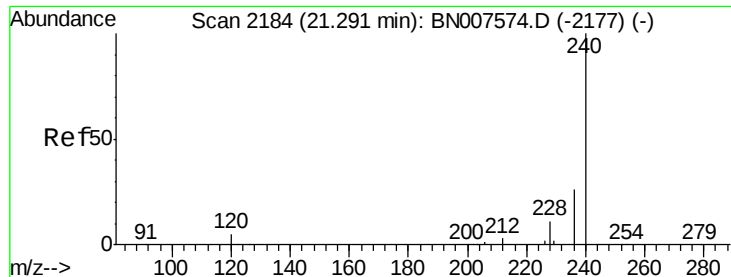


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampleId :

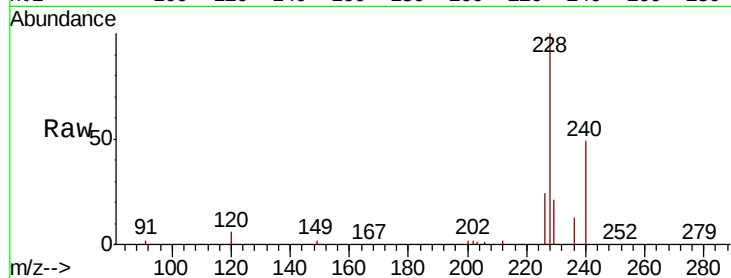
Tot Ion:240 Resp: 31233

Ion Ratio Lower Upper

240 100

120 11.7 5.0 7.4#

236 26.9 20.6 31.0

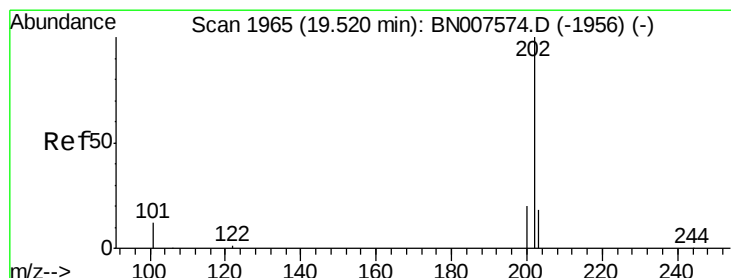
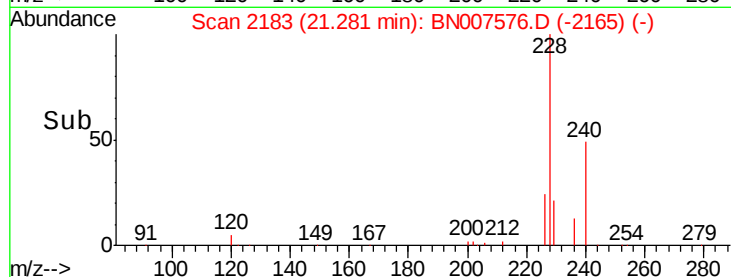
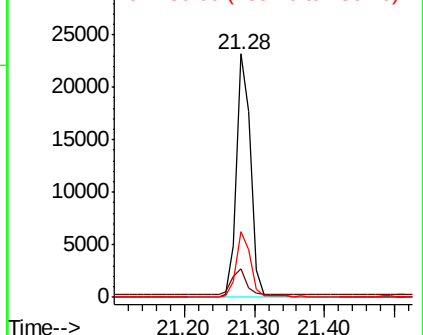


Abundance

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: 1.413 ng

RT: 19.51 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

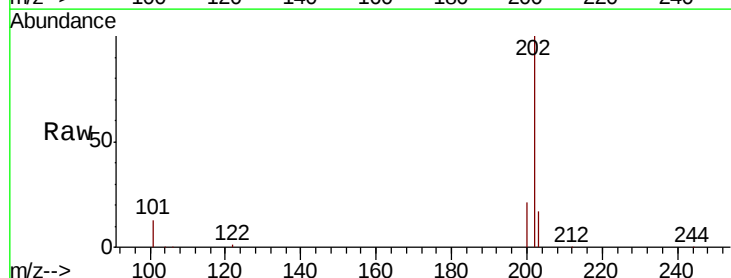
Tgt Ion:202 Resp: 177520

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

203 17.5 14.1 21.1

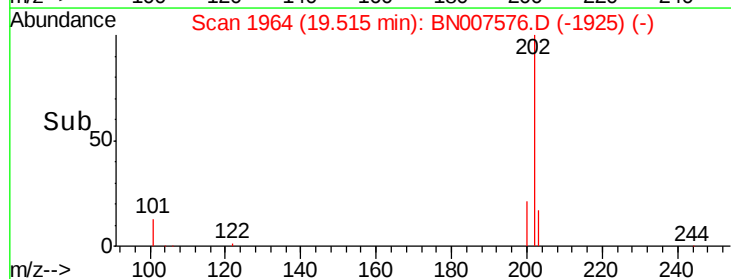
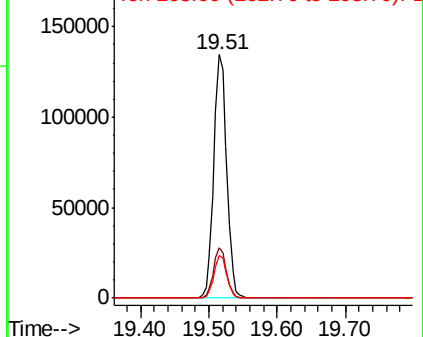


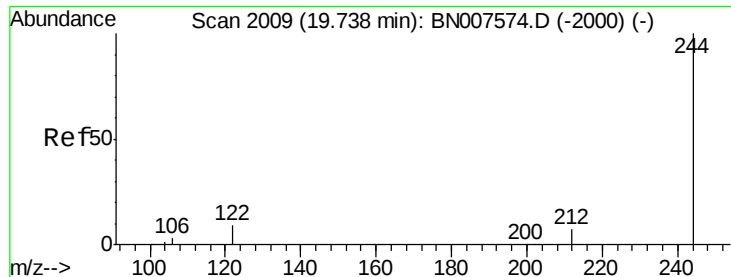
Abundance

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: 1.579 ng

RT: 19.73 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampled :

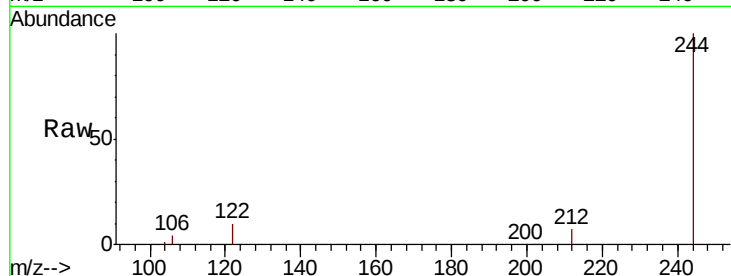
Tot Ion:244 Resp: 129027

Ion Ratio Lower Upper

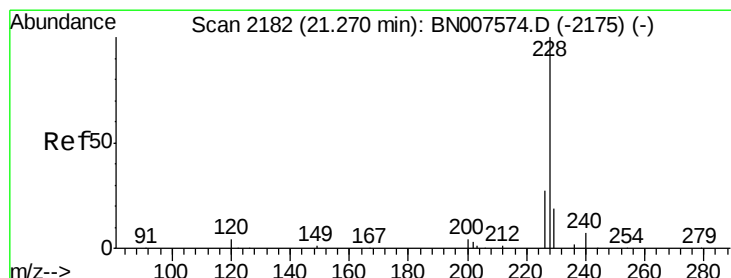
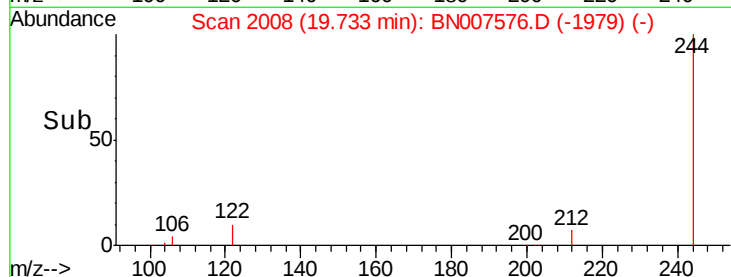
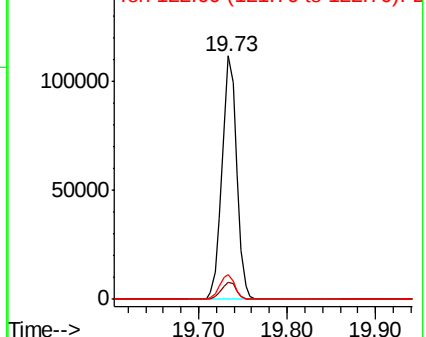
244 100

212 7.3 5.8 8.8

122 10.1 7.8 11.6



Abundance Ion 244.00 (243.70 to 244.70): E
150000 Ion 212.00 (211.70 to 212.70): E
100000 Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 1.479 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

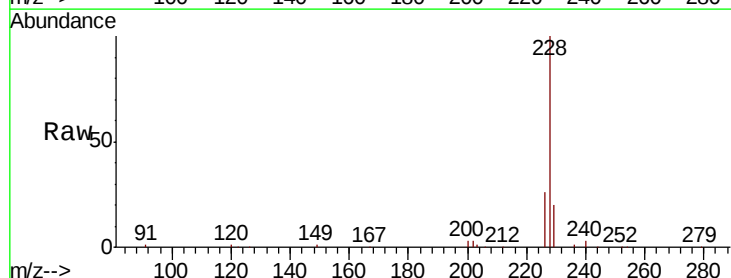
Tgt Ion:228 Resp: 181447

Ion Ratio Lower Upper

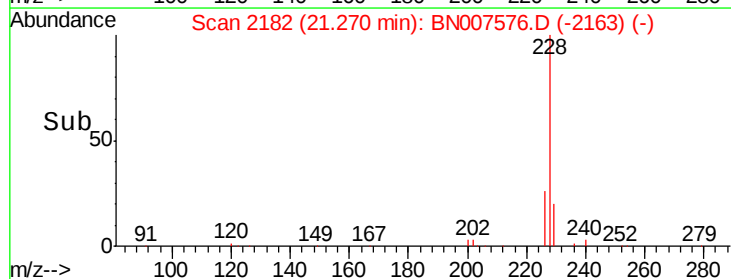
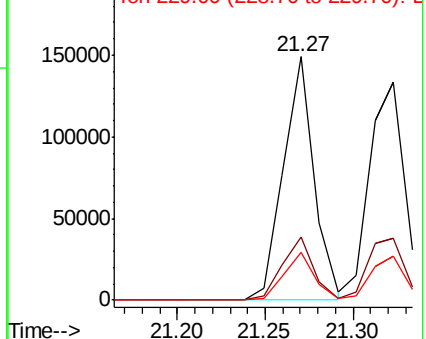
228 100

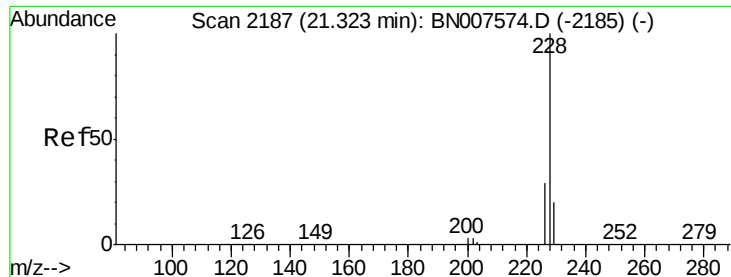
226 26.1 21.6 32.4

229 19.7 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
200000 Ion 226.00 (225.70 to 226.70): E
150000 Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.574 ng

RT: 21.32 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

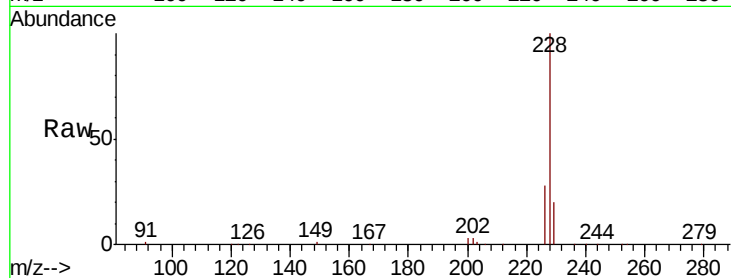
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 186296

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	20.0	15.7	23.5

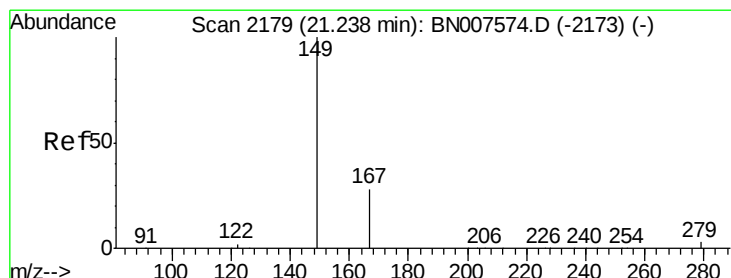
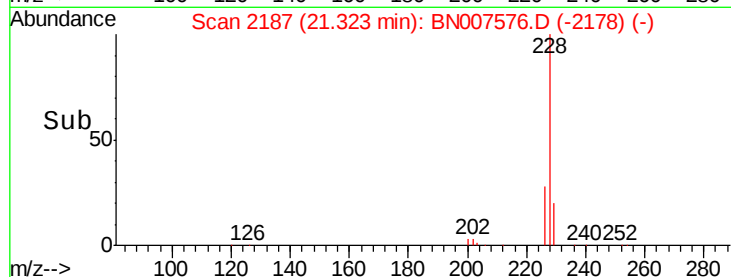
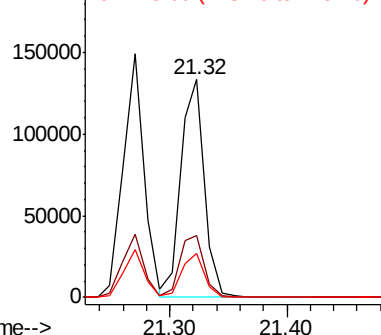


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.649 ng

RT: 21.24 min Scan# 2179

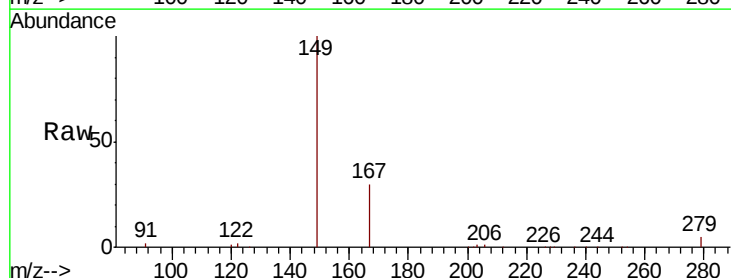
Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Tgt Ion:149 Resp: 59653

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.1	33.1
279	4.8	3.9	5.9

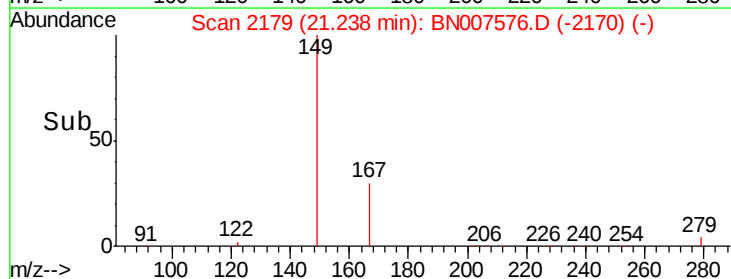
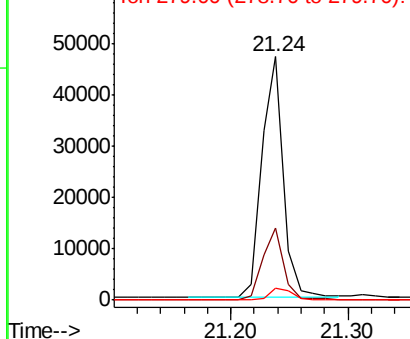


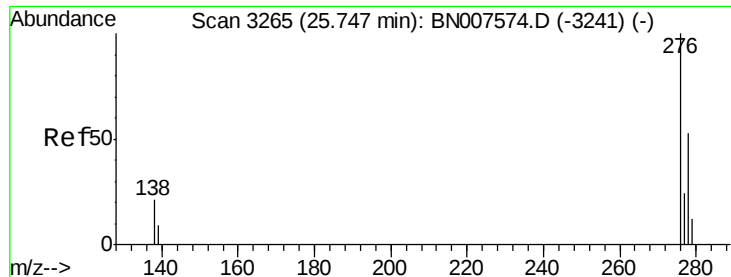
Abundance

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: 1.396 ng

RT: 25.74 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampleId :

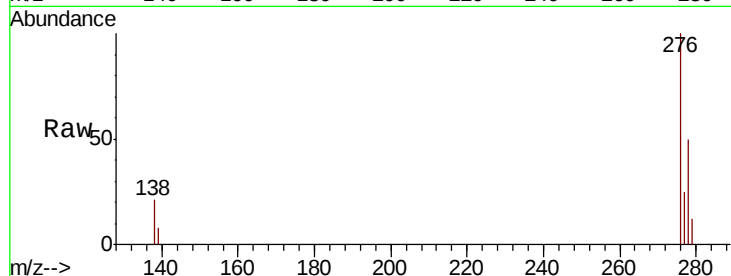
Tot Ion:276 Resp: 199039

Ion Ratio Lower Upper

276 100

138 22.5 0.0 0.0#

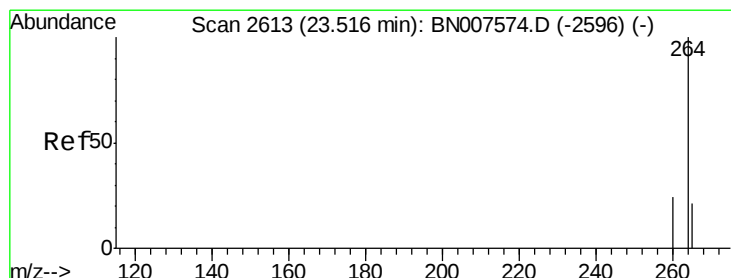
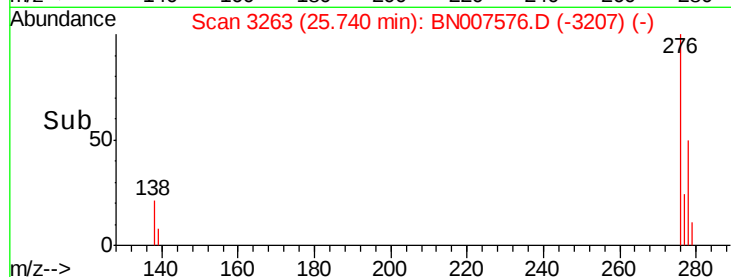
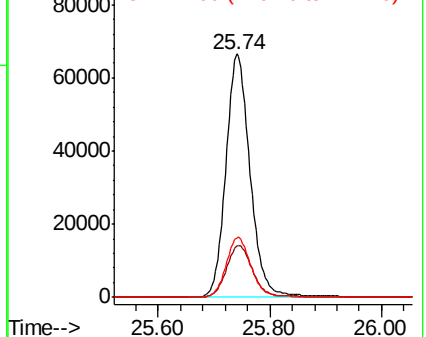
277 25.1 0.0 0.0#



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: 23.51 min Scan# 2612

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

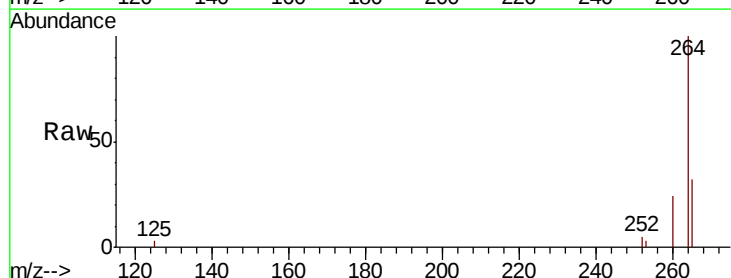
Tgt Ion:264 Resp: 30073

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

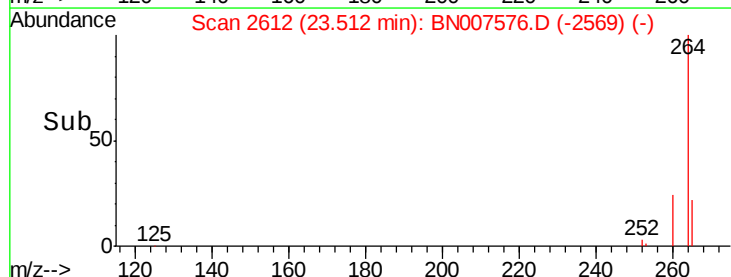
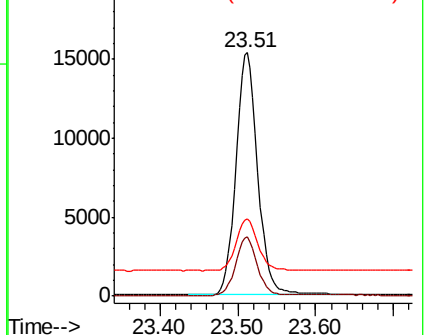
265 31.9 25.6 38.4

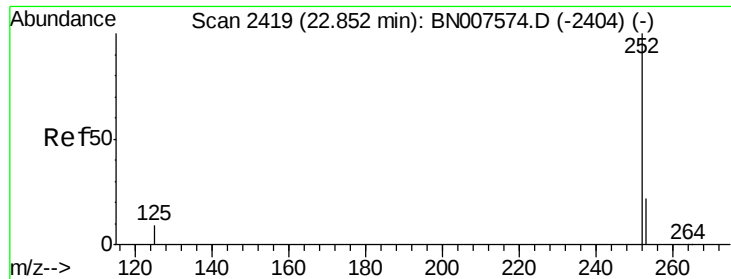


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.637 ng

RT: 22.85 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampleId :

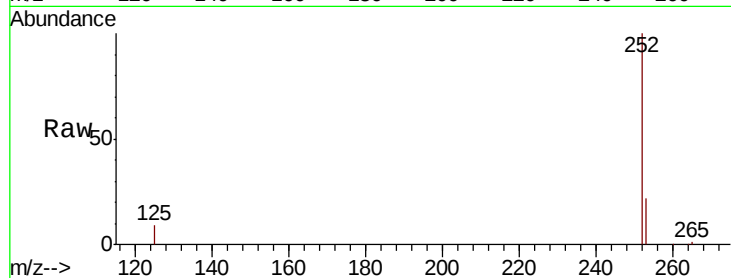
Tot Ion:252 Resp: 178376

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

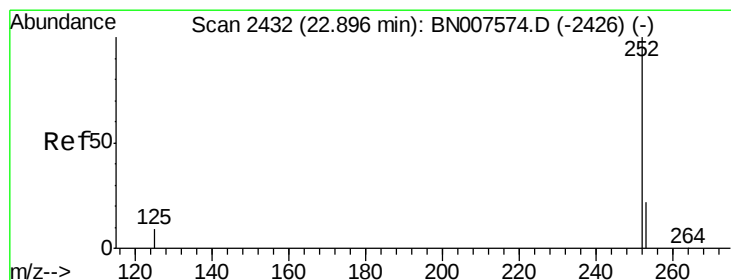
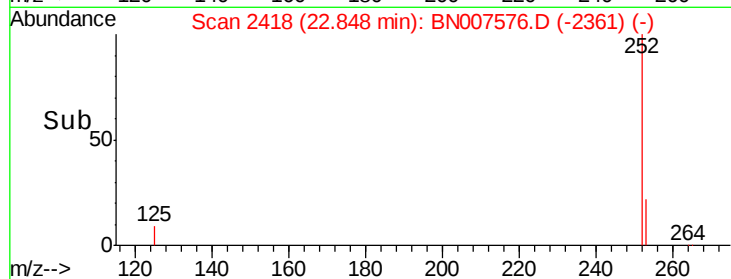
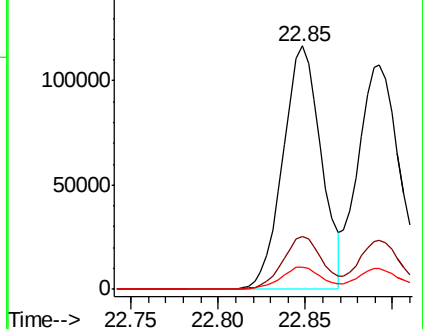
125 9.2 8.2 12.2



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: 1.689 ng

RT: 22.89 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

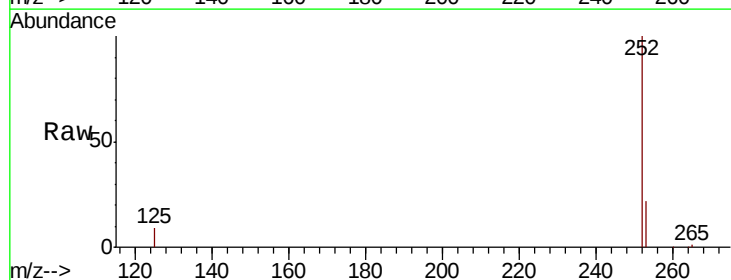
Tgt Ion:252 Resp: 181930

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

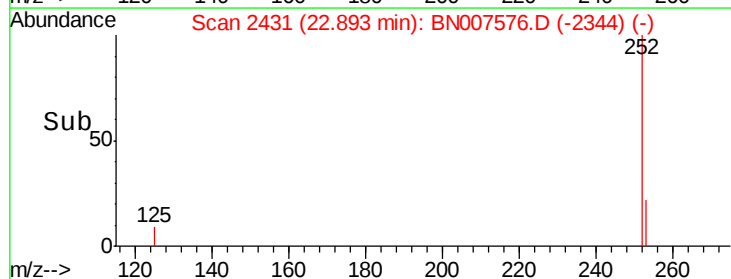
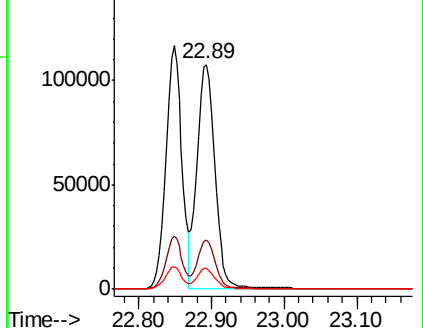
125 9.1 8.2 12.2

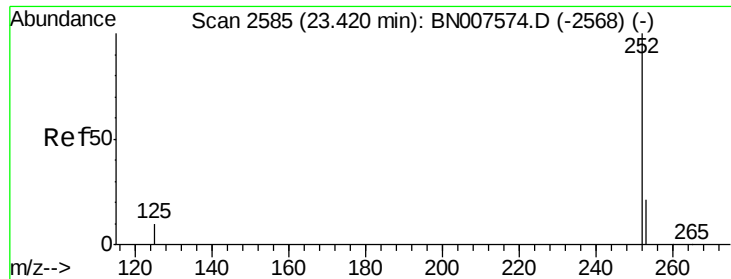


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.555 ng

RT: 23.42 min Scan# 2584

Delta R.T. -0.00 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampleId :

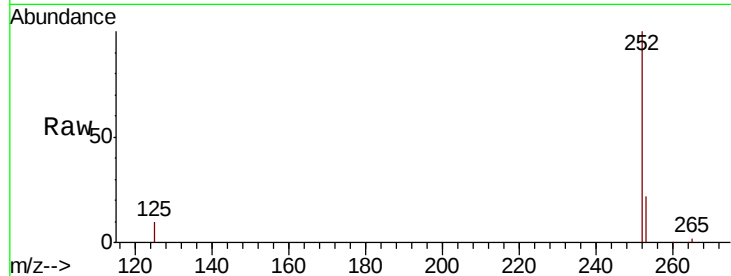
Tot Ion:252 Resp: 161280

Ion Ratio Lower Upper

252 100

253 22.0 18.6 28.0

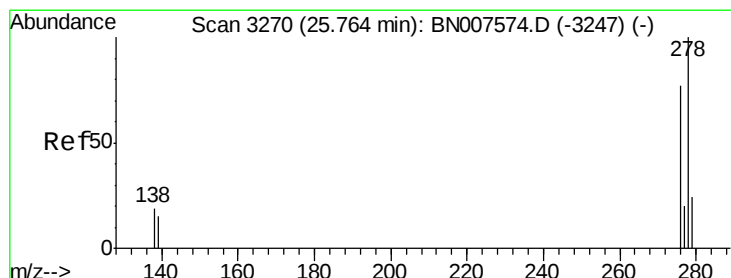
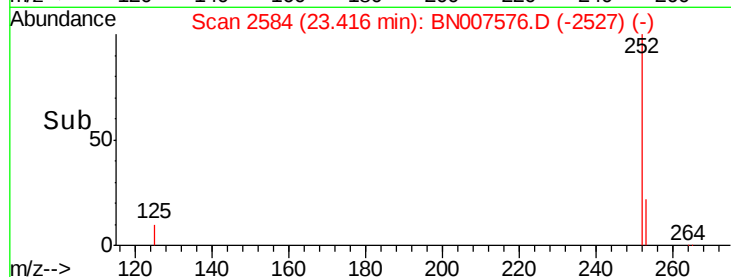
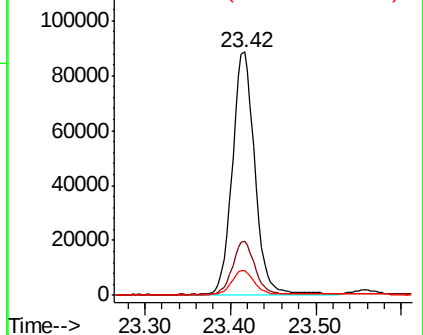
125 10.1 9.2 13.8



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: 1.582 ng

RT: 25.76 min Scan# 3268

Delta R.T. -0.01 min

Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

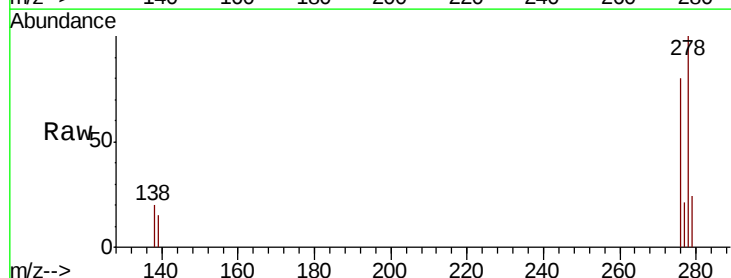
Tgt Ion:278 Resp: 163713

Ion Ratio Lower Upper

278 100

139 14.6 12.5 18.7

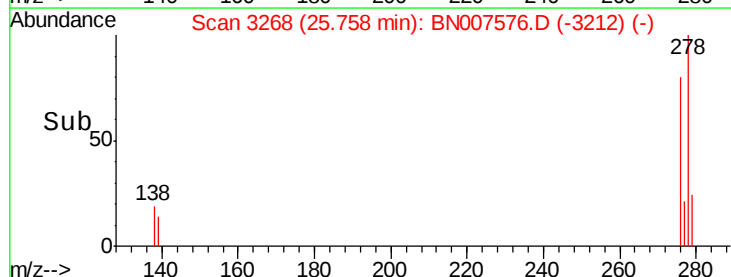
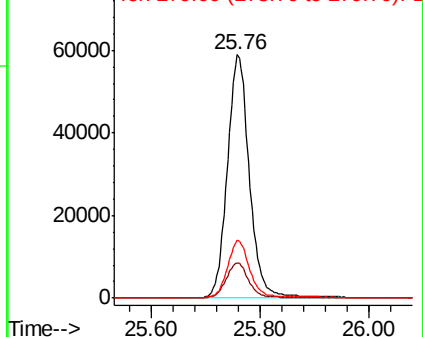
279 23.8 20.2 30.2

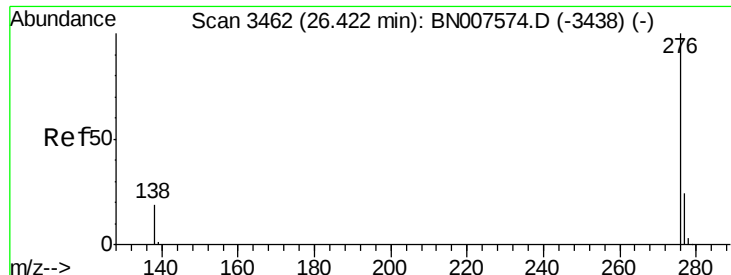


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.586 ng

RT: 26.41 min Scan# 3459

Delta R.T. -0.01 min

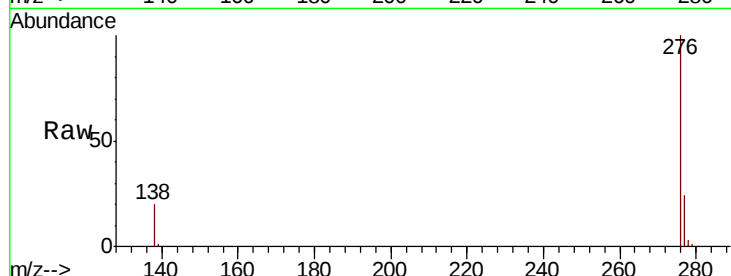
Lab File: BN007576.D

Acq: 10 Sep 2019 14:53

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 163450

Ion Ratio Lower Upper

276 100

277 23.9 19.7 29.5

138 19.6 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

