

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
 Data File : BN007594.D
 Acq On : 11 Sep 2019 18:51
 Operator : HP/JU
 Sample : PB122940BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 12 06:40:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 11 14:14:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	6684	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	26507	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	15586	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	33401	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	34596	0.40	ng	-0.01
34) Perylene-d12	23.50	264	37072	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	8474	0.42	ng	0.00
5) Phenol-d6	6.90	99	10899	0.40	ng	0.00
8) Nitrobenzene-d5	8.86	82	9118	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	19176	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2455	0.41	ng	-0.01
15) 2-Fluorobiphenyl	12.96	172	26434	0.41	ng	-0.01
25) Fluoranthene-d10	19.12	212	46530	0.43	ng	0.00
29) Terphenyl-d14	19.72	244	38764	0.43	ng	-0.01

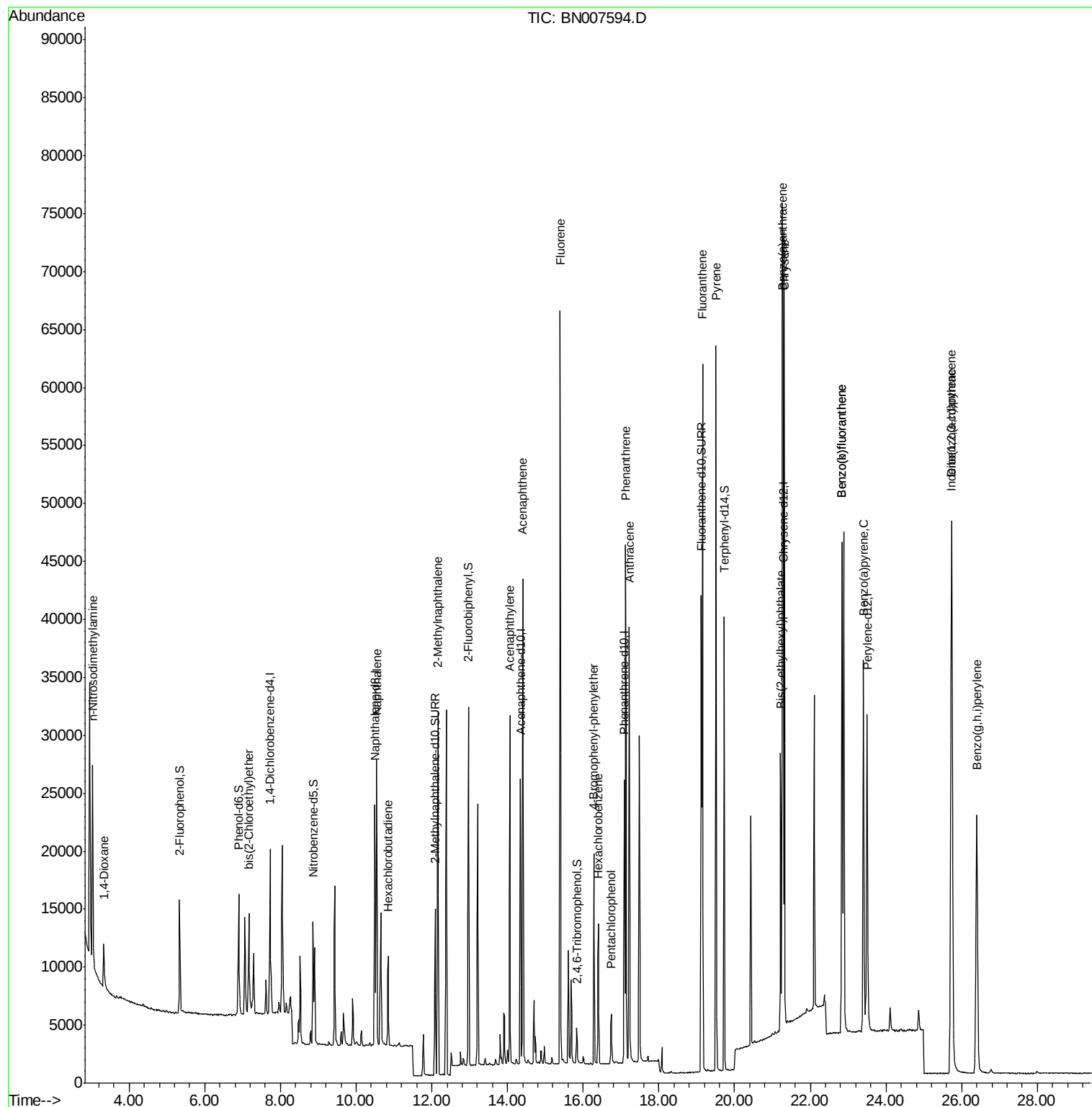
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	3169	0.499	ng	90
3) n-Nitrosodimethylamine	3.03	42	1994	0.499	ng	# 100
6) bis(2-Chloroethyl)ether	7.16	93	9030	0.651	ng	# 75
9) Naphthalene	10.54	128	32192	0.432	ng	99
10) Hexachlorobutadiene	10.85	225	6658	0.445	ng	# 99
12) 2-Methylnaphthalene	12.16	142	21880	0.419	ng	99
16) Acenaphthylene	14.06	152	32075	0.383	ng	100
17) Acenaphthene	14.40	154	20848	0.394	ng	100
18) Fluorene	15.39	166	26773	0.385	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	8742	0.443	ng	# 90
21) Hexachlorobenzene	16.40	284	9478	0.456	ng	98
22) Pentachlorophenol	16.74	266	2418	0.523	ng	97
23) Phenanthrene	17.12	178	44731	0.434	ng	100
24) Anthracene	17.22	178	40373	0.425	ng	100
26) Fluoranthene	19.15	202	53520	0.428	ng	100
28) Pyrene	19.51	202	54373	0.437	ng	100
30) Benzo(a)anthracene	21.26	228	53478	0.432	ng	100
31) Chrysene	21.31	228	53683	0.427	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	21647	0.511	ng	98
33) Indeno(1,2,3-cd)pyrene	25.72	276	59896	0.450	ng	# 100
35) Benzo(b)fluoranthene	22.84	252	52198	0.396	ng	100
36) Benzo(k)fluoranthene	22.84	252	52198	0.401	ng	99
37) Benzo(a)pyrene	23.40	252	48168	0.411	ng	99
38) Dibenzo(a,h)anthracene	25.74	278	49736	0.423	ng	98
39) Benzo(g,h,i)perylene	26.40	276	48188	0.404	ng	100

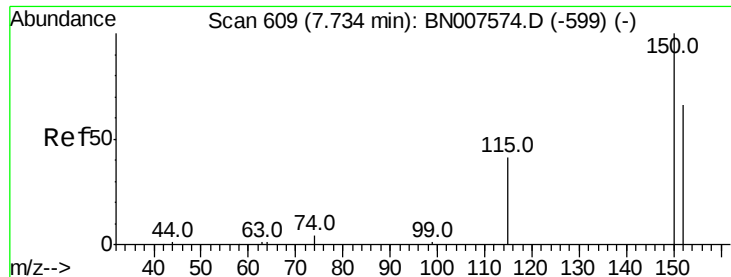
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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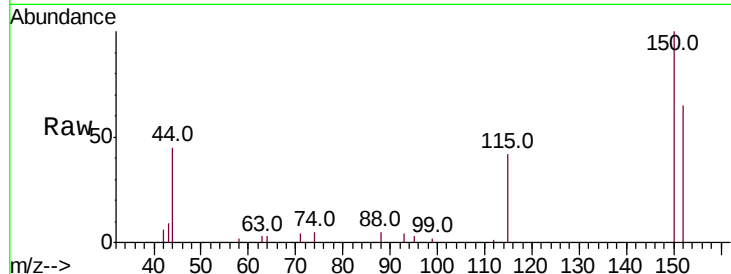


#1

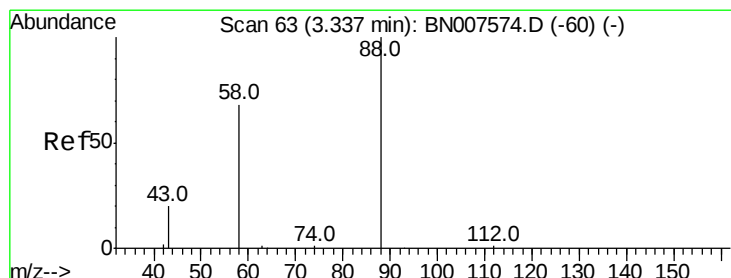
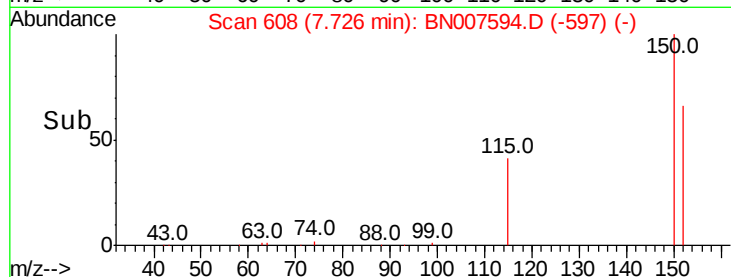
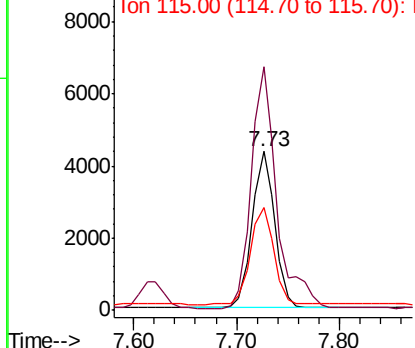
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 6684
Ion Ratio Lower Upper
152 100
150 153.6 119.5 179.3
115 65.2 53.0 79.6



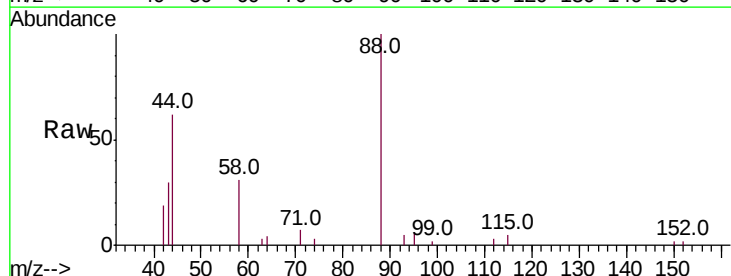
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



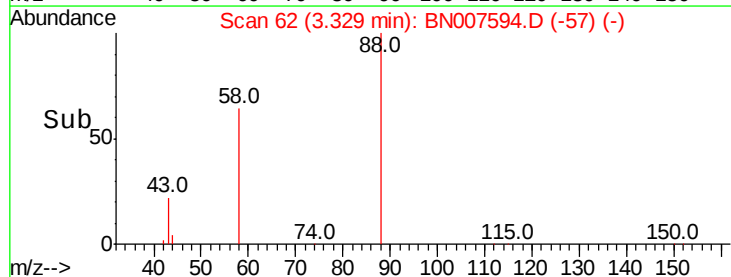
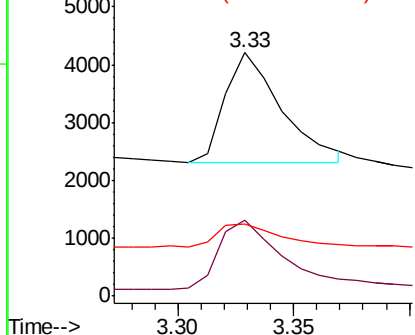
#2

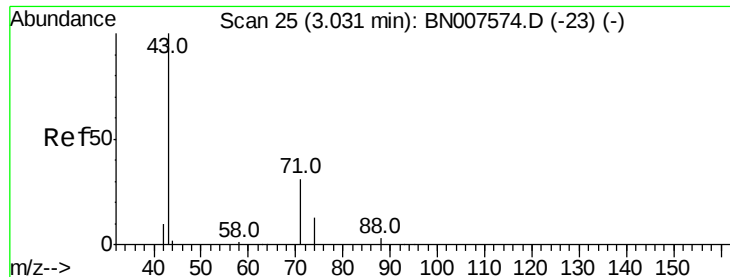
1,4-Dioxane
Concen: 0.499 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion: 88 Resp: 3169
Ion Ratio Lower Upper
88 100
58 69.9 64.6 96.8
43 23.3 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: 0.499 ng

RT: 3.03 min Scan# 25

Delta R.T. 0.00 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

ClientSampled :

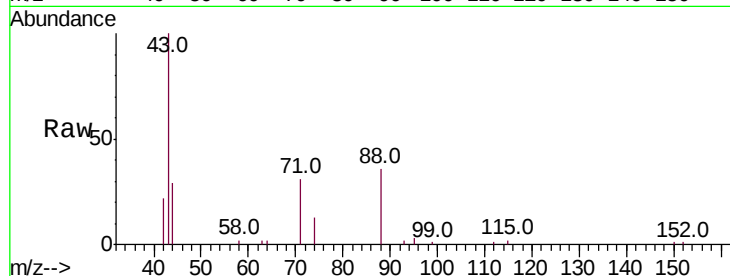
Tot Ion: 42 Resp: 1994

Ion Ratio Lower Upper

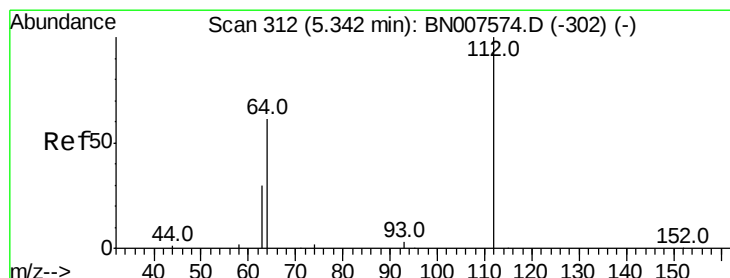
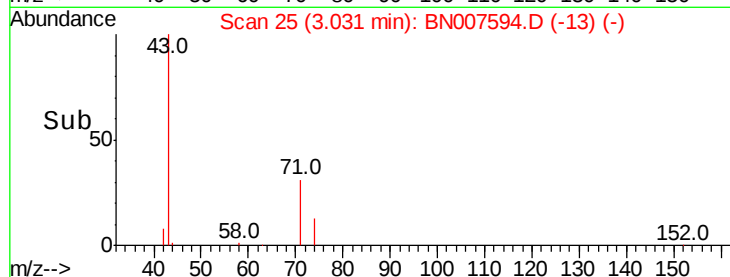
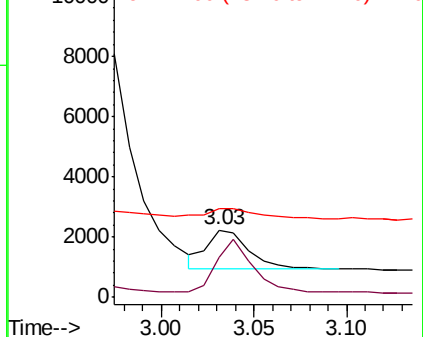
42 100

74 119.1 0.0 0.0#

44 35.3 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: 0.416 ng

RT: 5.34 min Scan# 312

Delta R.T. 0.00 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

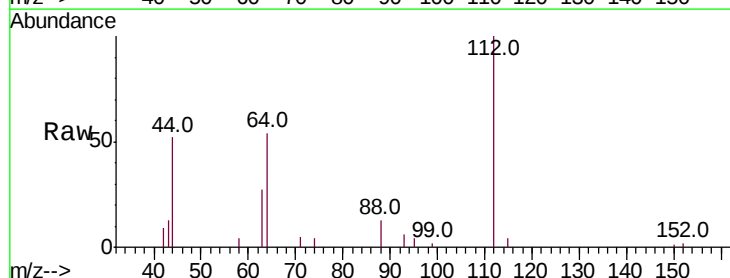
Tgt Ion: 112 Resp: 8474

Ion Ratio Lower Upper

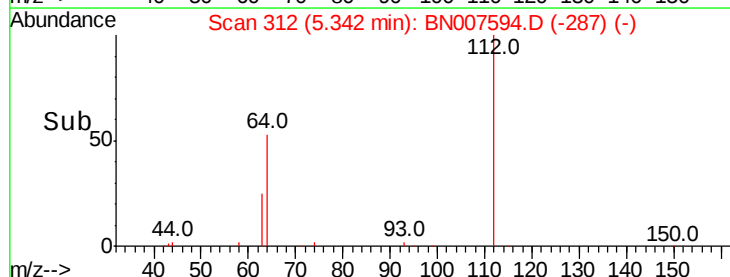
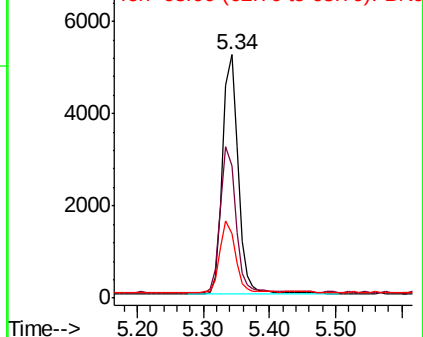
112 100

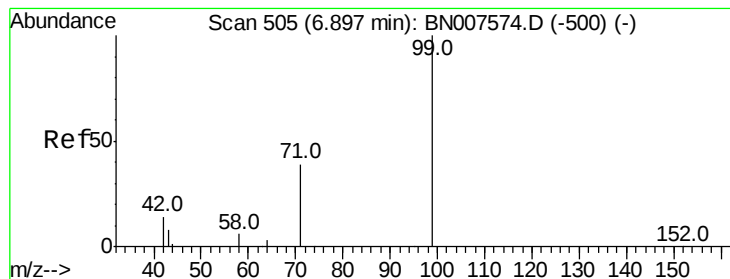
64 59.8 49.2 73.8

63 29.5 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: 0.399 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

ClientSampleId :

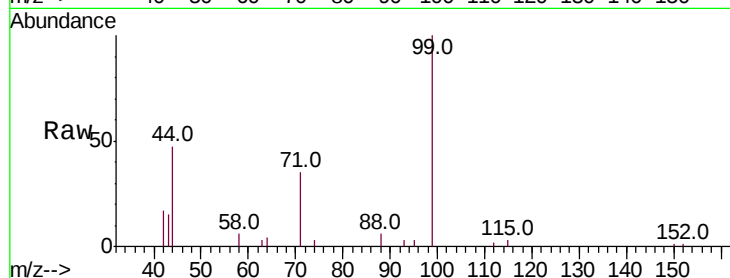
Tot Ion: 99 Resp: 10899

Ion Ratio Lower Upper

99 100

42 15.0 11.8 17.8

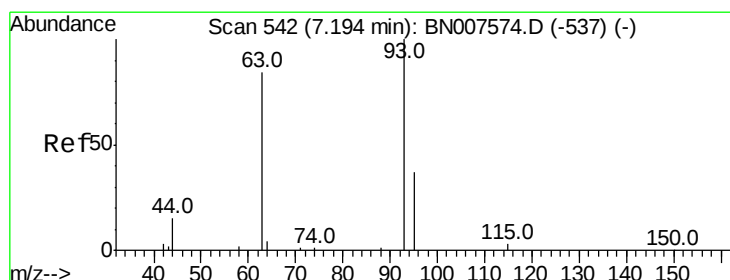
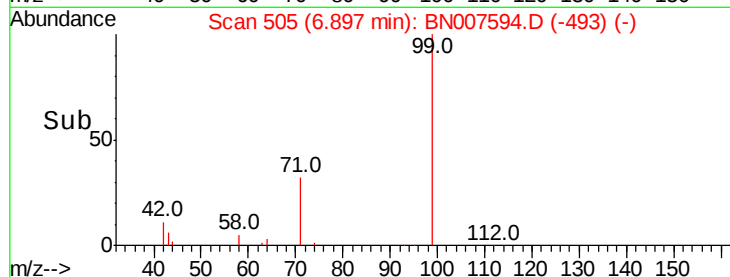
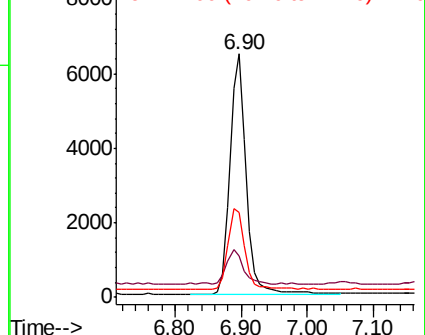
71 34.8 28.8 43.2



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: 0.651 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.03 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

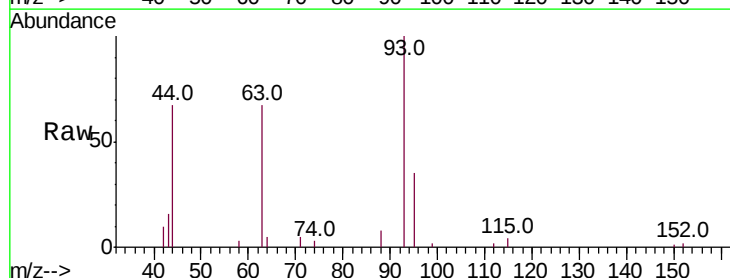
Tgt Ion: 93 Resp: 9030

Ion Ratio Lower Upper

93 100

63 67.7 69.8 104.6#

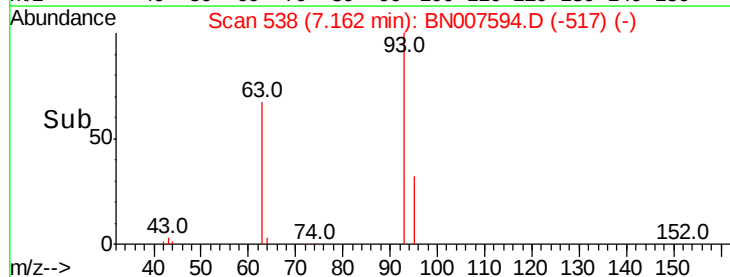
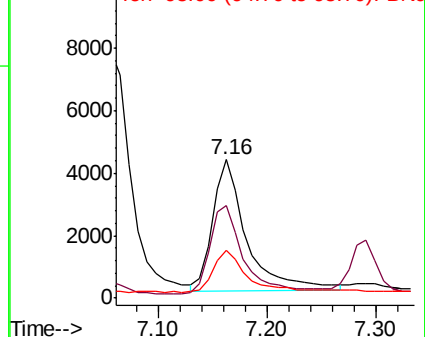
95 31.6 42.8 64.2#

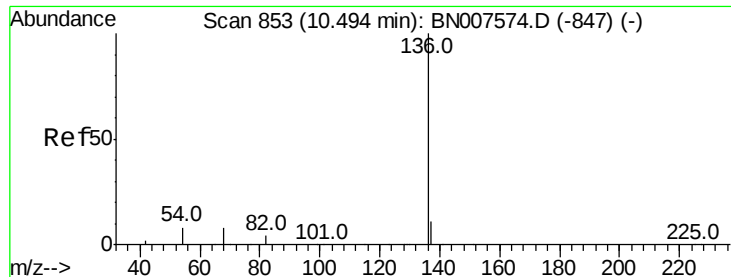


Abundance Ion 93.00 (92.70 to 93.70): BN007574.D (-537) (-)

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: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 26507

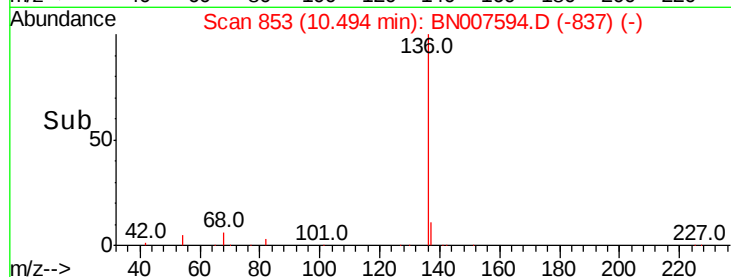
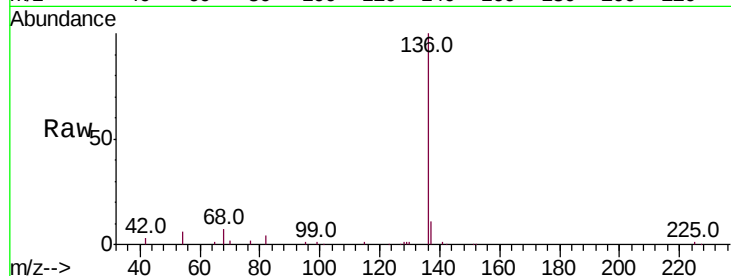
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.1 7.5 11.3#

68 7.2 7.9 11.9#

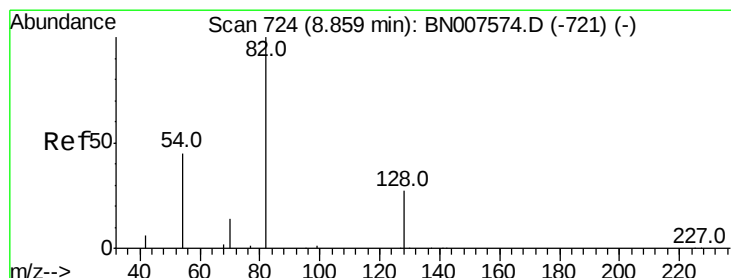
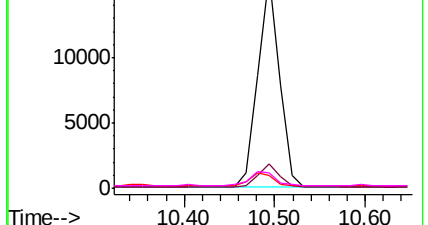


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.565 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

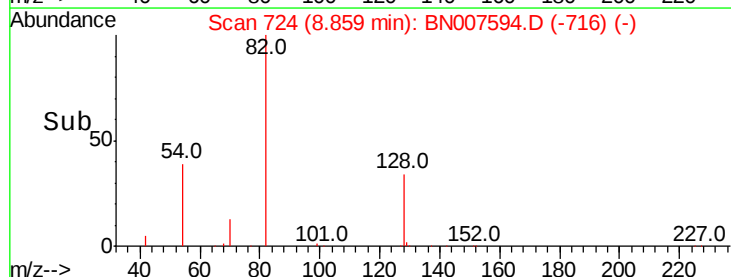
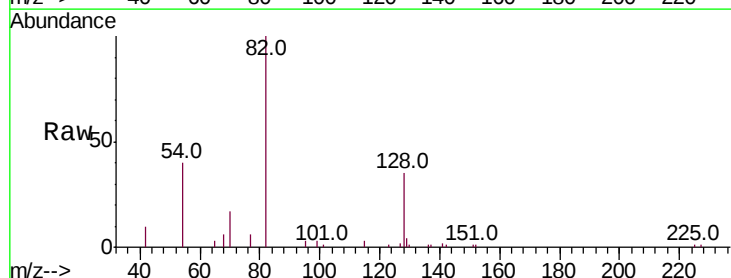
Tgt Ion: 82 Resp: 9118

Ion Ratio Lower Upper

82 100

128 35.1 23.4 35.2

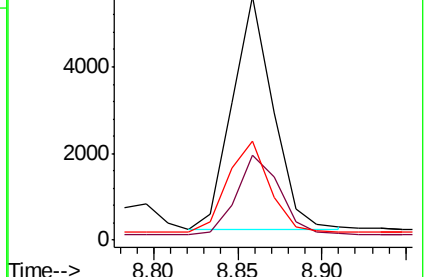
54 40.4 38.2 57.2

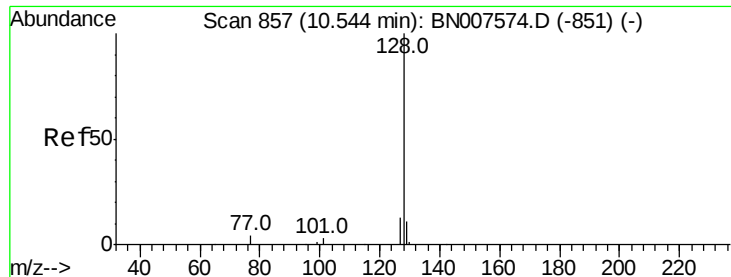


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.432 ng

RT: 10.54 min Scan# 857

Delta R.T. 0.00 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

ClientSampleId :

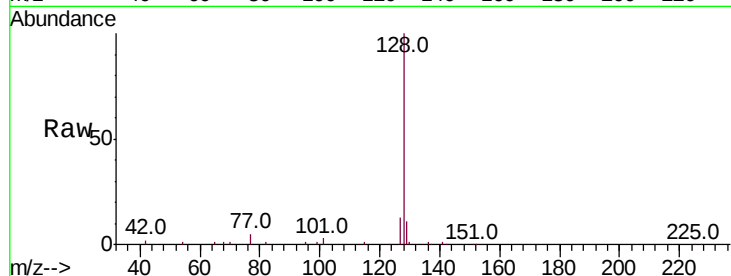
Tot Ion:128 Resp: 32192

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

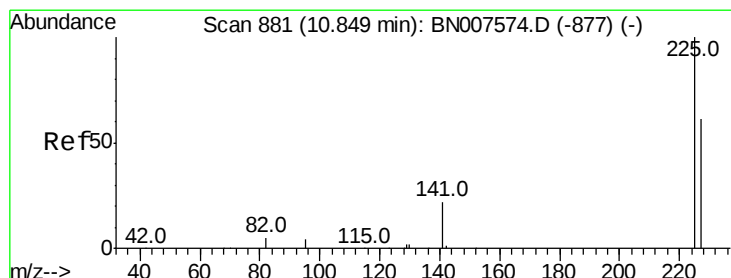
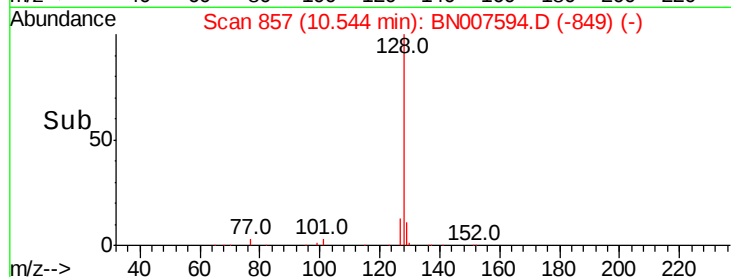
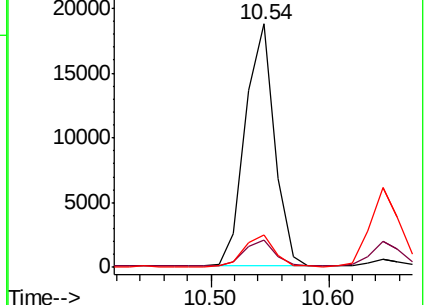
127 13.4 11.0 16.4



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: 0.445 ng

RT: 10.85 min Scan# 881

Delta R.T. 0.00 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

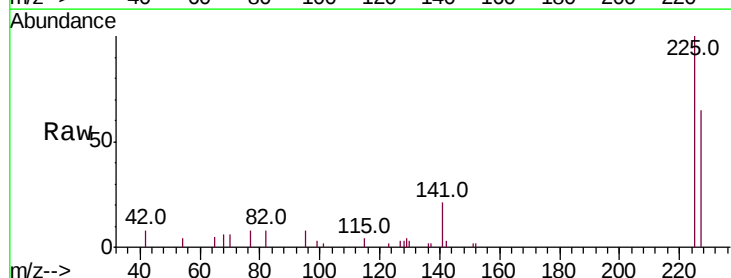
Tgt Ion:225 Resp: 6658

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

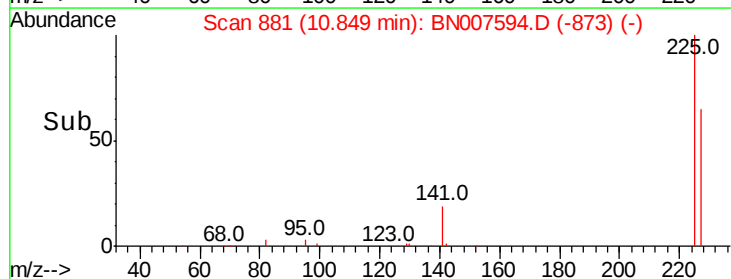
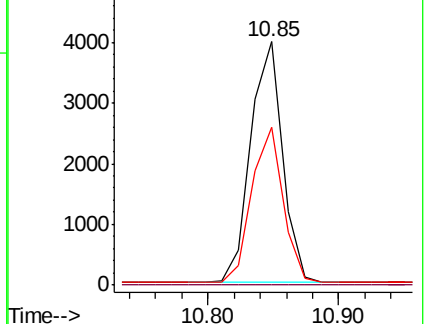
227 63.5 50.4 75.6

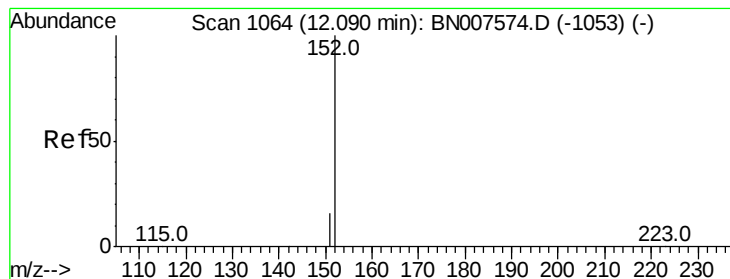


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 12.09 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

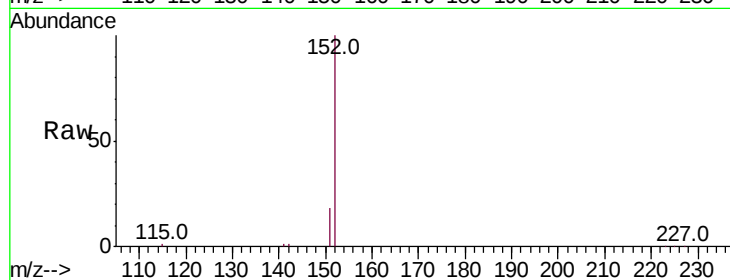
ClientSampleId :

Tot Ion:152 Resp: 19176

Ion Ratio Lower Upper

152 100

151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

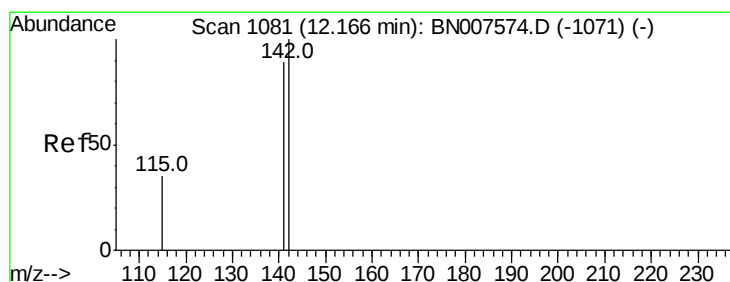
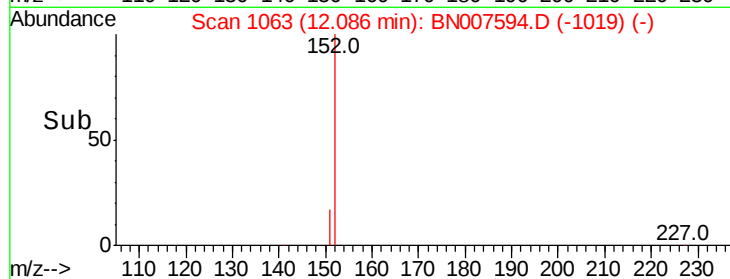
12.09

10000

5000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.419 ng

RT: 12.16 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

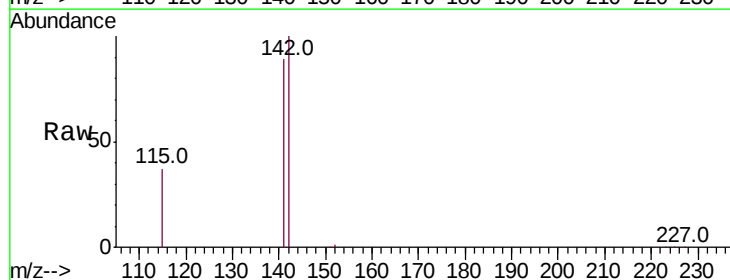
Tgt Ion:142 Resp: 21880

Ion Ratio Lower Upper

142 100

141 89.4 71.0 106.6

115 36.7 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

12.16

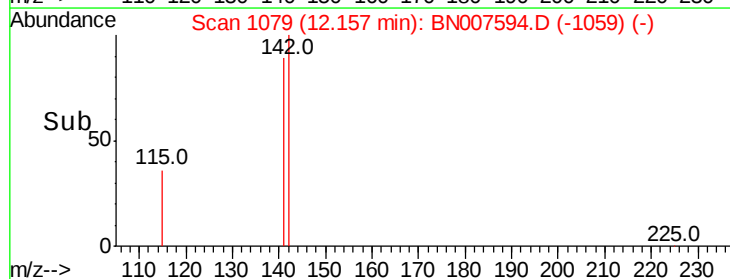
15000

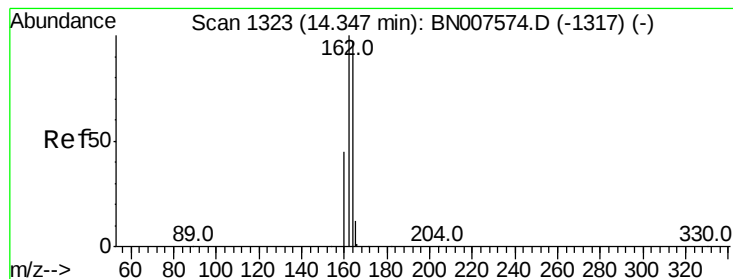
10000

5000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.35 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

ClientSampleId :

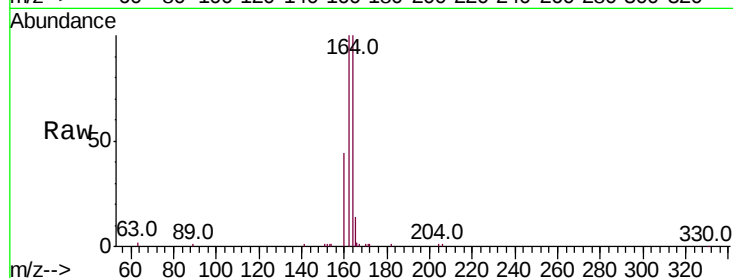
Tot Ion:164 Resp: 15586

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.2	123.2
160	43.6	37.4	56.0

164 100

162 100.2 82.2 123.2

160 43.6 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

12000

10000

8000

6000

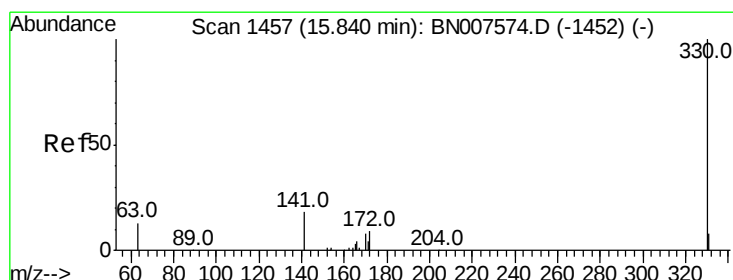
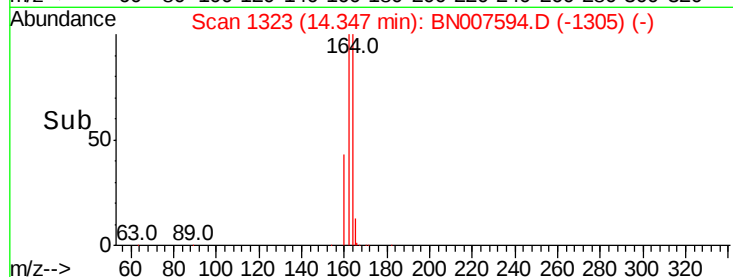
4000

2000

0

14.35

Time--> 14.20 14.30 14.40 14.50



#14

2,4,6-Tribromophenol

Concen: 0.414 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

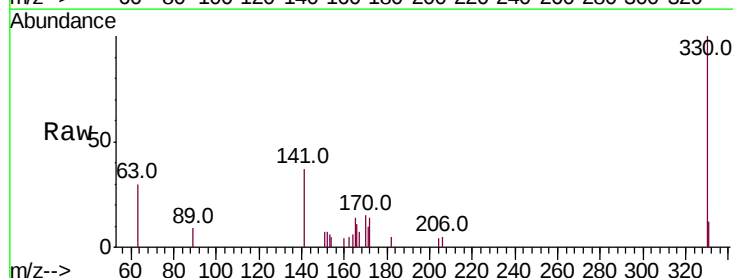
Tgt Ion:330 Resp: 2455

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.3	30.6	45.8

330 100

332 0.0 0.0 0.0

141 36.3 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

2000

1500

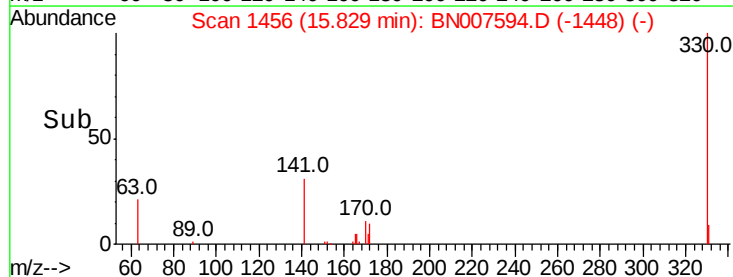
1000

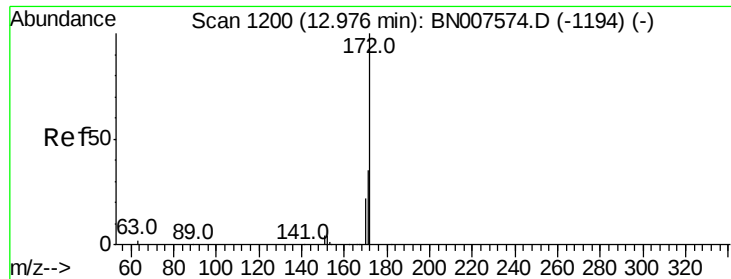
500

0

15.83

Time--> 15.70 15.80 15.90 16.00

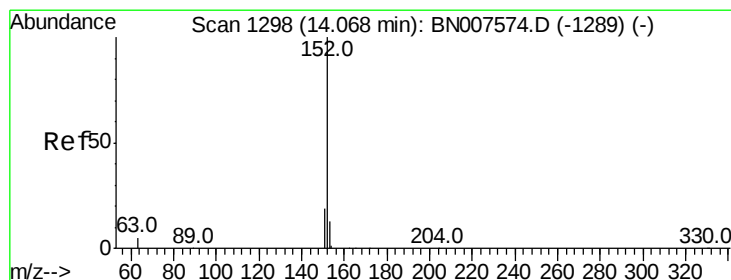
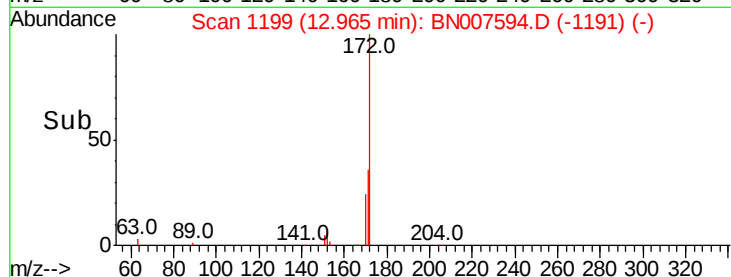
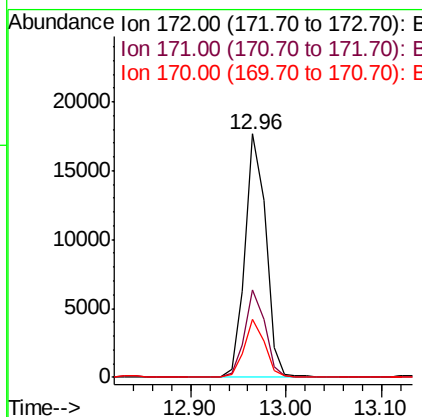
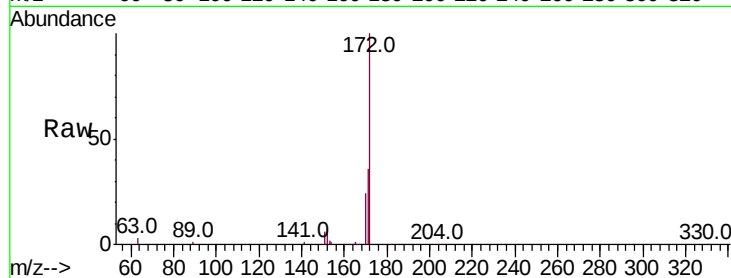




#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.96 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

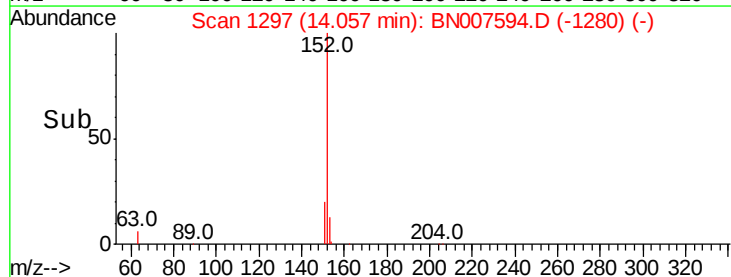
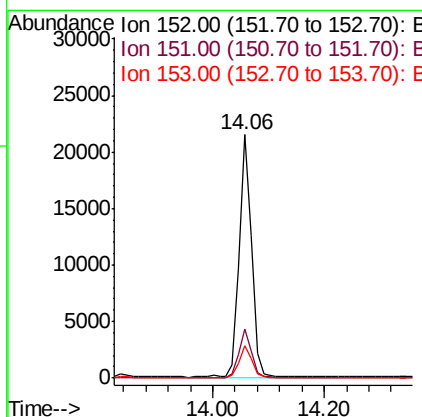
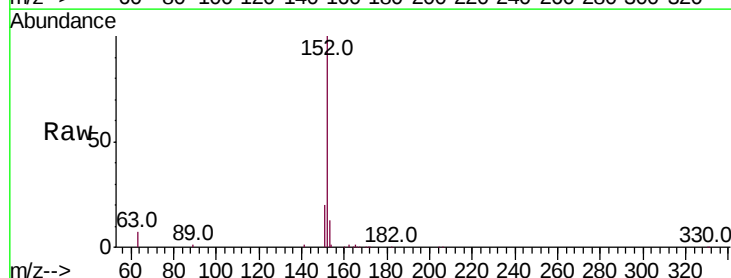
Instrument :
BNA_N
ClientSampleId :

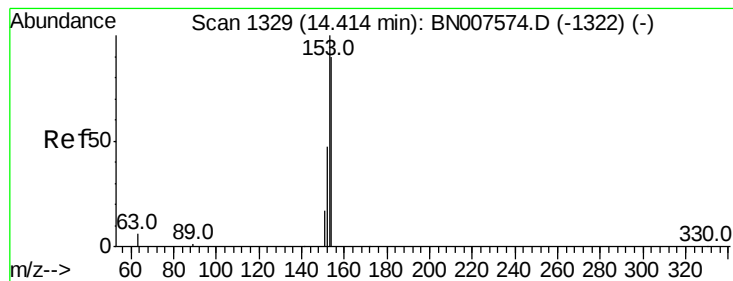
Tot Ion:172 Resp: 26434
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 23.8 18.3 27.5



#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:152 Resp: 32075
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.394 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

ClientSampleId :

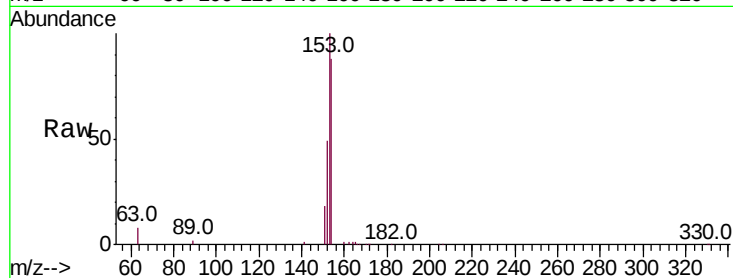
Tot Ion:154 Resp: 20848

Ion Ratio Lower Upper

154 100

153 111.8 89.4 134.2

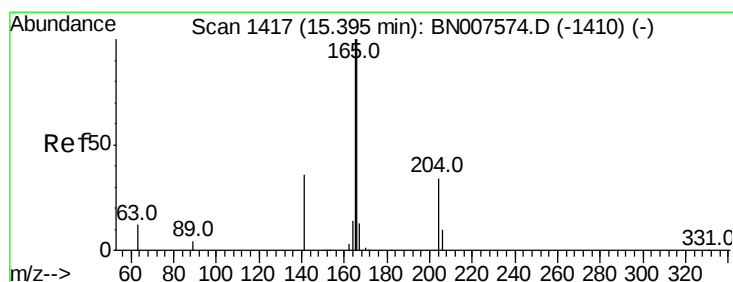
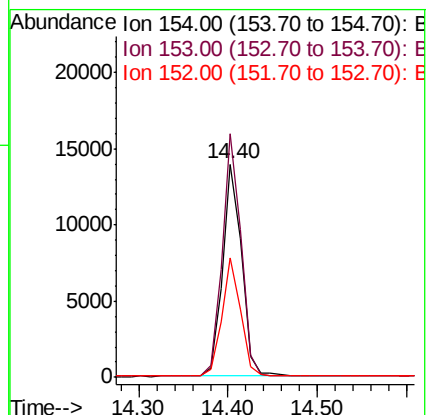
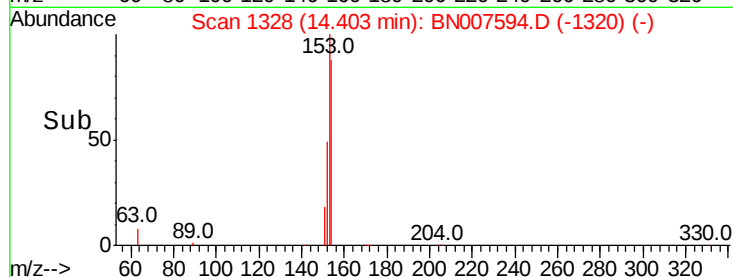
152 54.5 43.4 65.0



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: 0.385 ng

RT: 15.39 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

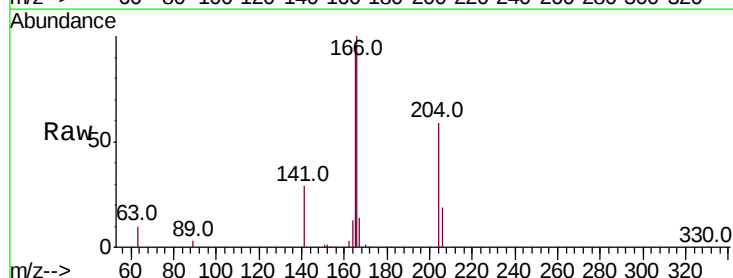
Tgt Ion:166 Resp: 26773

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.6

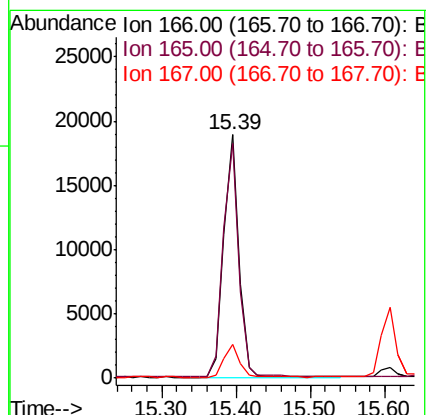
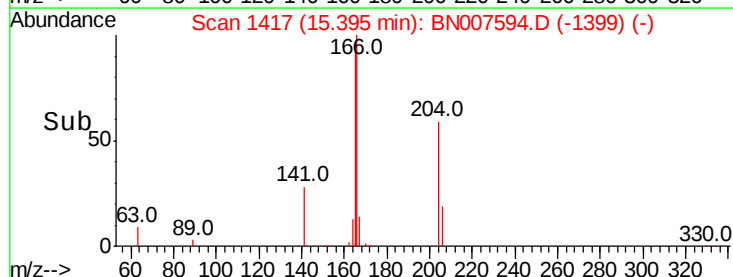
167 13.6 11.0 16.4

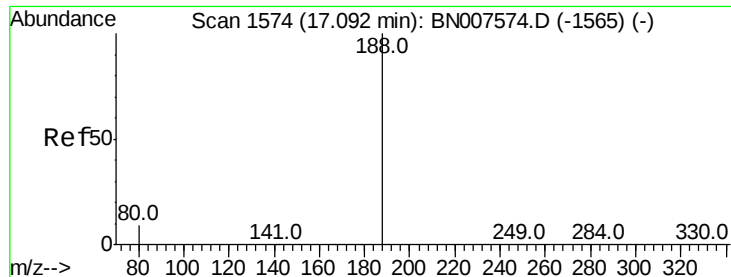


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

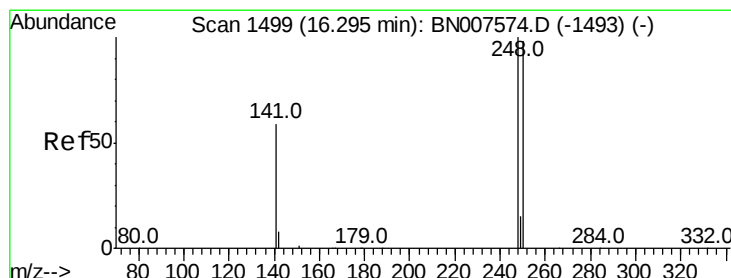
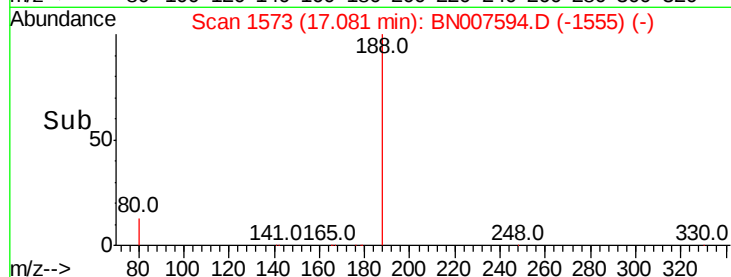
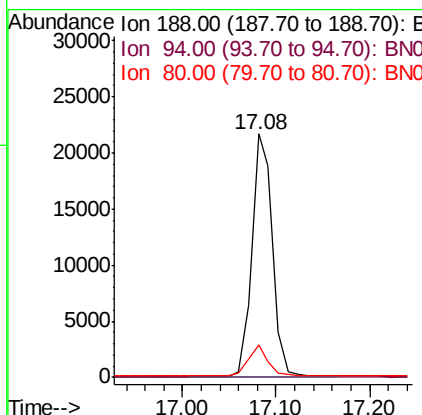
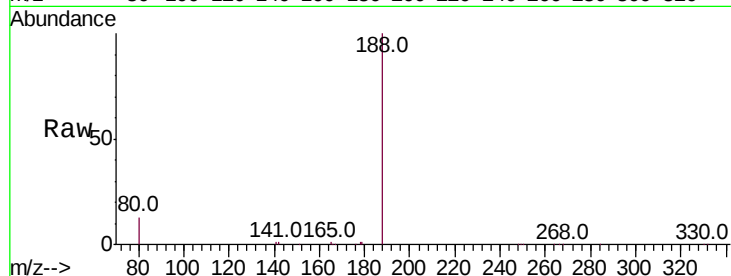




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.08 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BN007594.D
 Acq: 11 Sep 2019 18:51

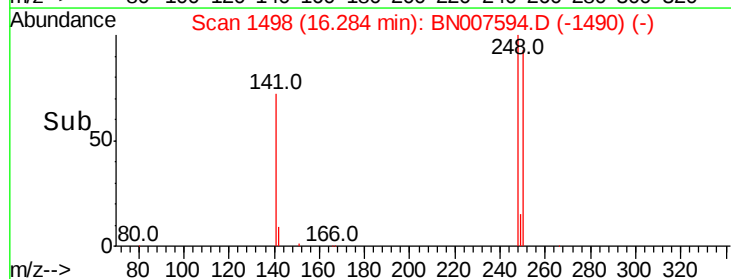
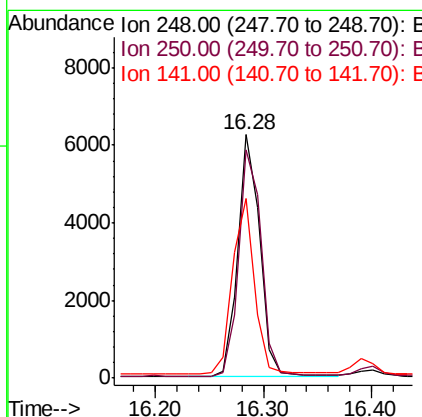
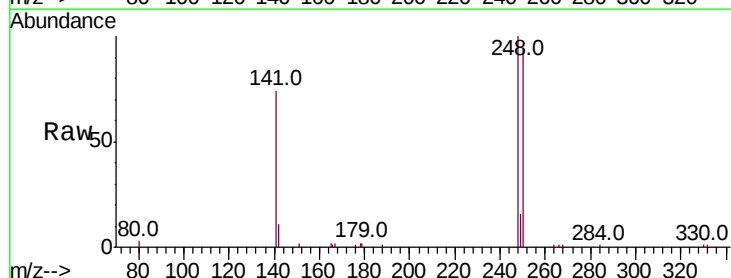
Instrument :
 BNA_N
 ClientSampleId :

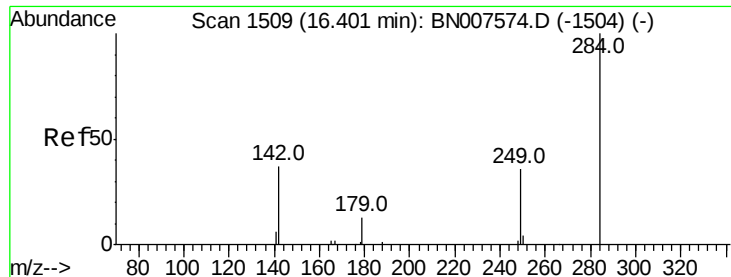
Tot Ion:188 Resp: 33401
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 13.3 8.1 12.1#



#20
 4-Bromophenyl-phenylether
 Concen: 0.443 ng
 RT: 16.28 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BN007594.D
 Acq: 11 Sep 2019 18:51

Tgt Ion:248 Resp: 8742
 Ion Ratio Lower Upper
 248 100
 250 93.6 78.9 118.3
 141 73.6 48.3 72.5#





#21

Hexachlorobenzene

Concen: 0.456 ng

RT: 16.40 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

ClientSampleId :

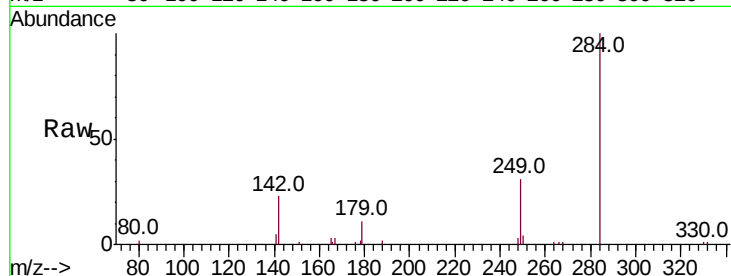
Tot Ion:284 Resp: 9478

Ion Ratio Lower Upper

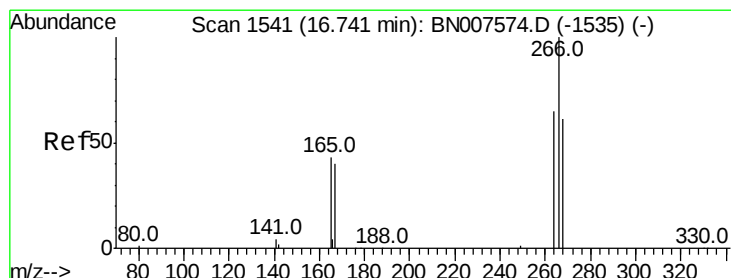
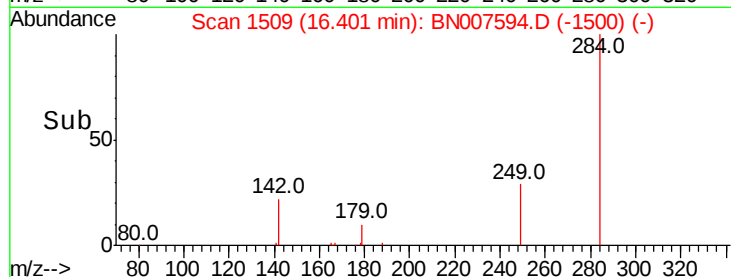
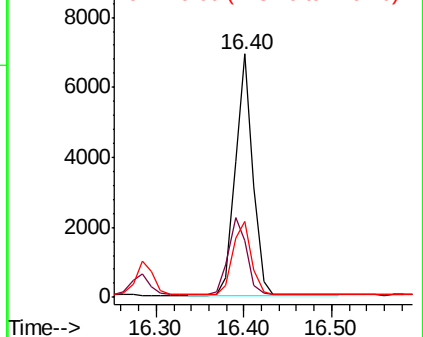
284 100

142 33.3 27.9 41.9

249 32.0 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: 0.523 ng

RT: 16.74 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

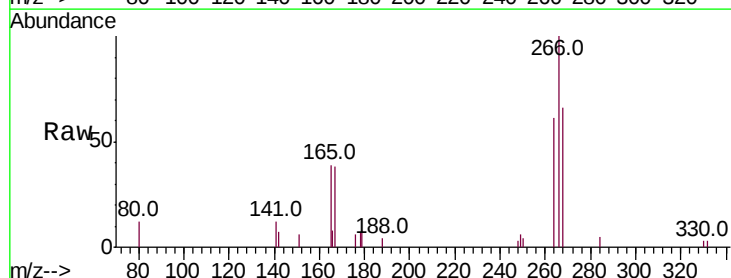
Tgt Ion:266 Resp: 2418

Ion Ratio Lower Upper

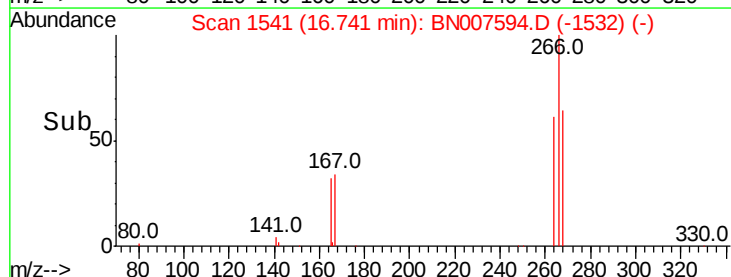
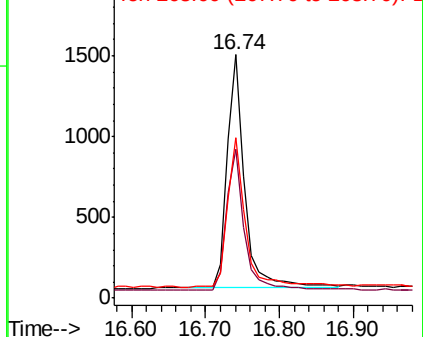
266 100

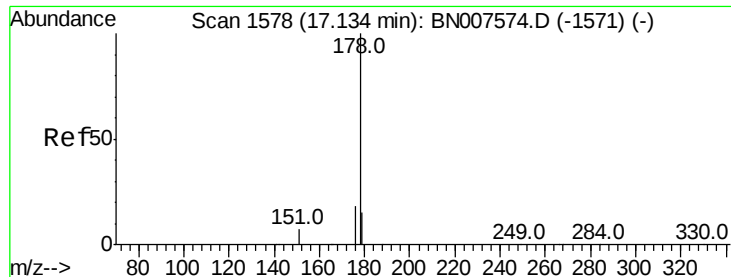
264 61.3 52.0 78.0

268 66.0 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: 0.434 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

ClientSampleId :

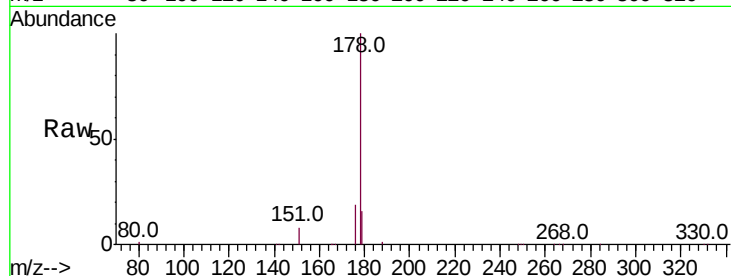
Tot Ion:178 Resp: 44731

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

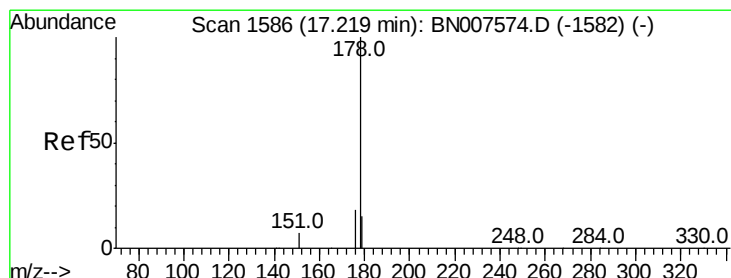
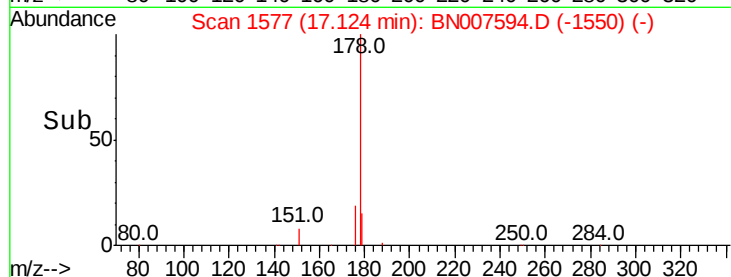
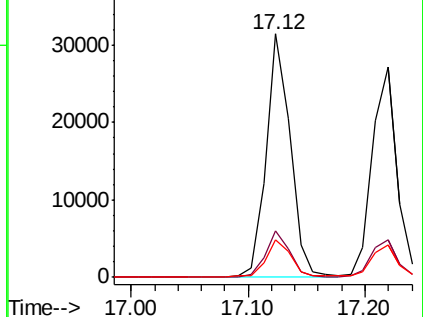
179 15.5 12.2 18.2



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: 0.425 ng

RT: 17.22 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

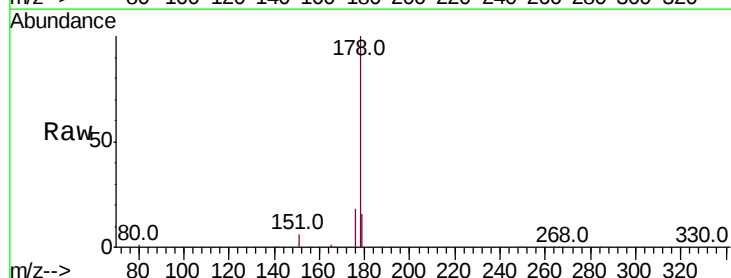
Tgt Ion:178 Resp: 40373

Ion Ratio Lower Upper

178 100

176 18.1 14.4 21.6

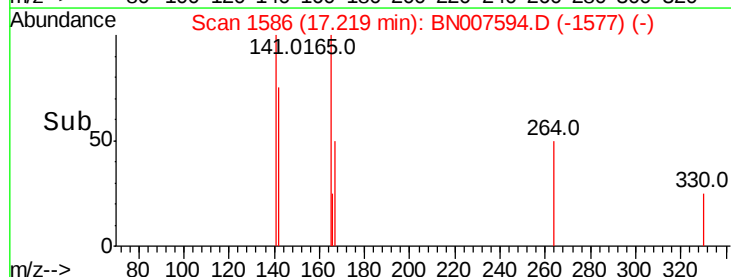
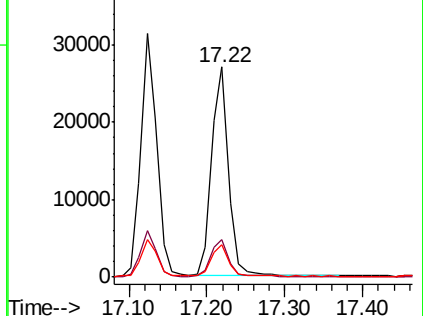
179 15.3 12.5 18.7

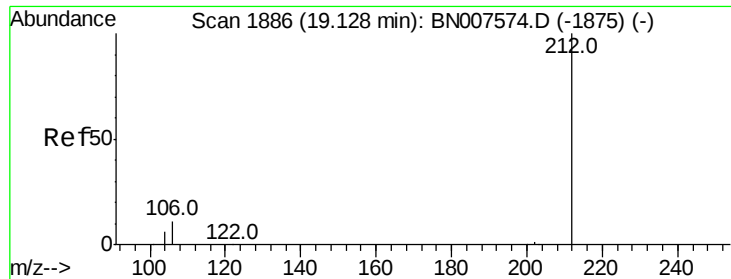


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.429 ng

RT: 19.12 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

ClientSampleId :

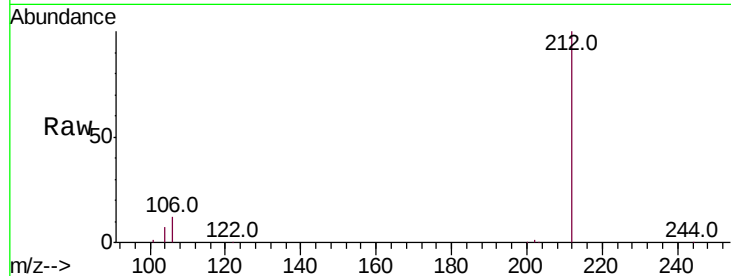
Tot Ion:212 Resp: 46530

Ion Ratio Lower Upper

212 100

106 11.9 9.7 14.5

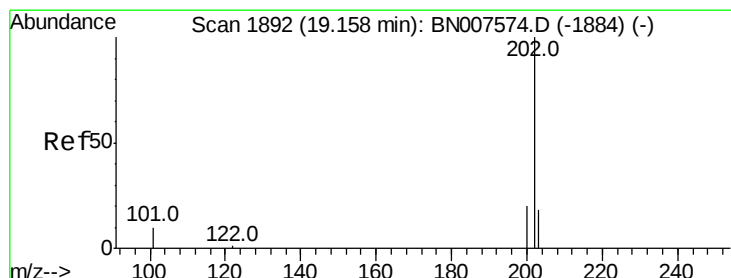
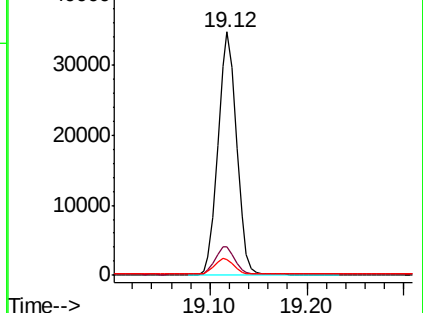
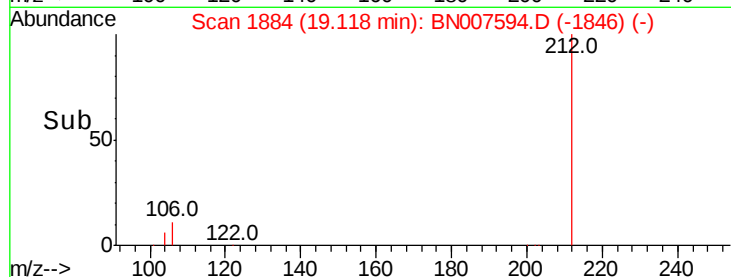
104 6.7 5.5 8.3



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: 0.428 ng

RT: 19.15 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

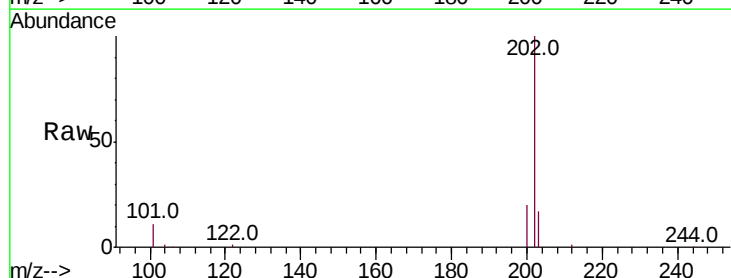
Tgt Ion:202 Resp: 53520

Ion Ratio Lower Upper

202 100

101 10.9 8.8 13.2

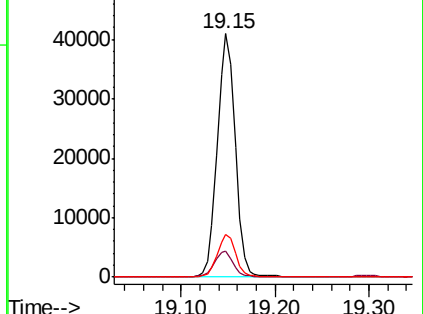
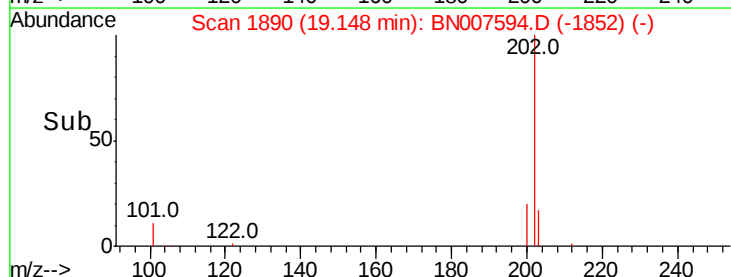
203 17.2 13.8 20.8

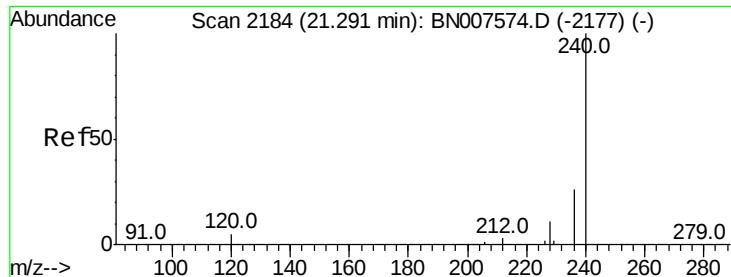


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

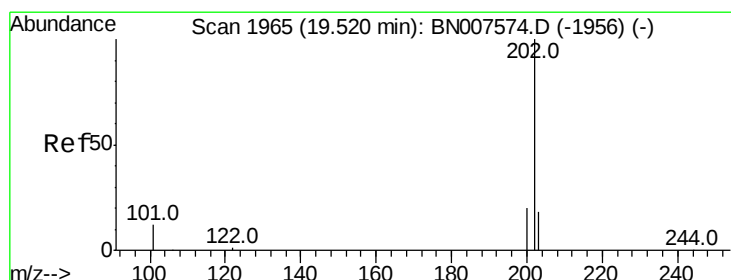
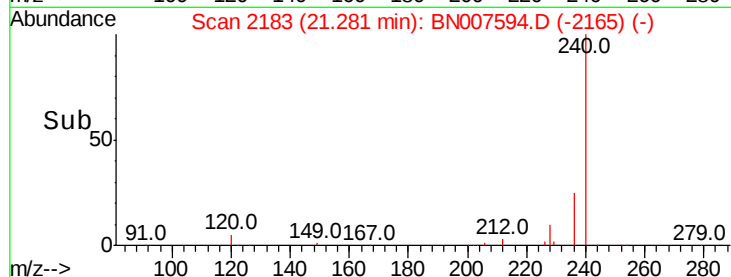
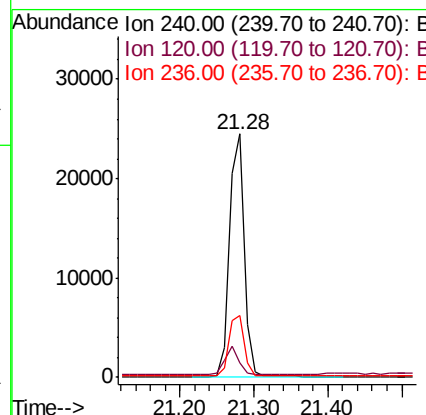
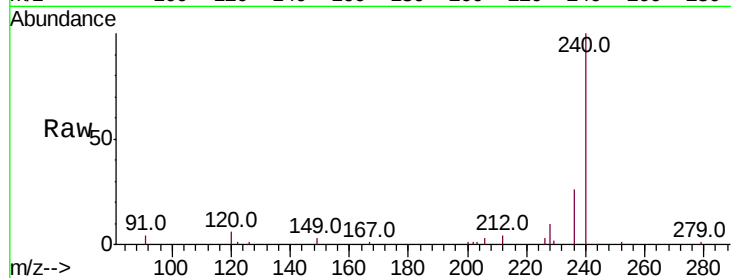




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

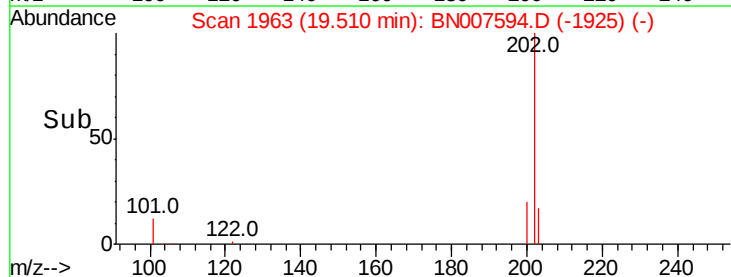
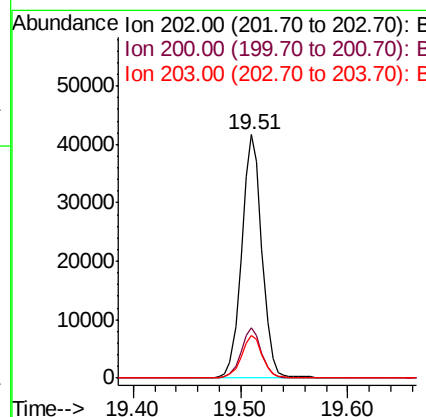
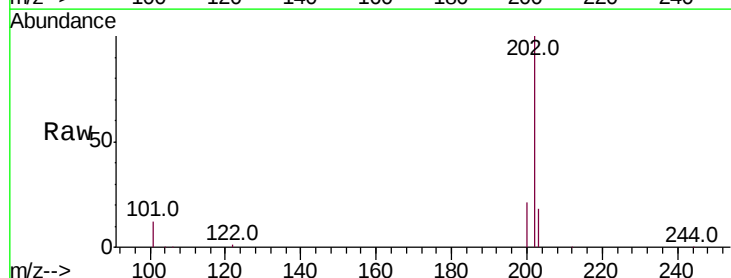
Instrument :
BNA_N
ClientSampleId :

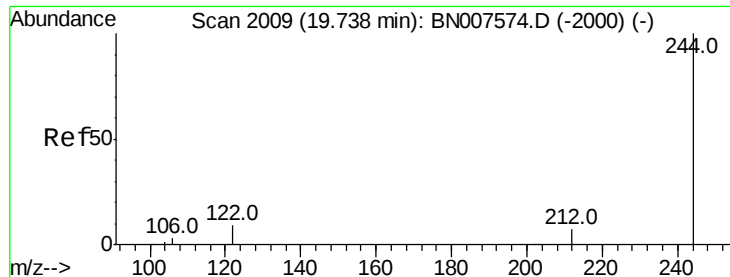
Tot Ion:240 Resp: 34596
Ion Ratio Lower Upper
240 100
120 5.8 5.0 7.4
236 25.7 20.6 31.0



#28
Pyrene
Concen: 0.437 ng
RT: 19.51 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BN007594.D
Acq: 11 Sep 2019 18:51

Tgt Ion:202 Resp: 54373
Ion Ratio Lower Upper
202 100
200 20.3 16.3 24.5
203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.431 ng

RT: 19.72 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

ClientSampleId :

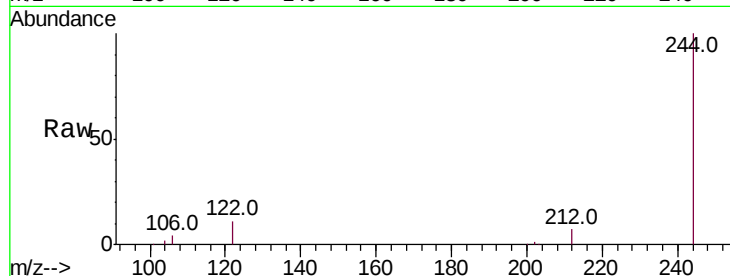
Tot Ion:244 Resp: 38764

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

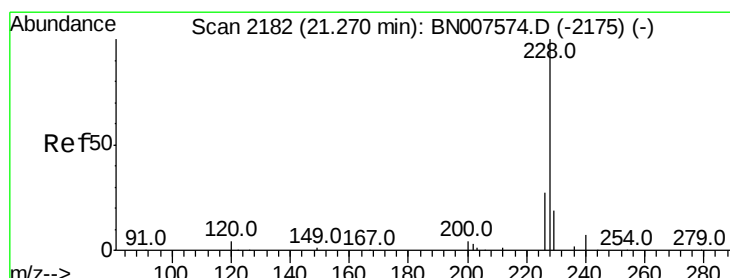
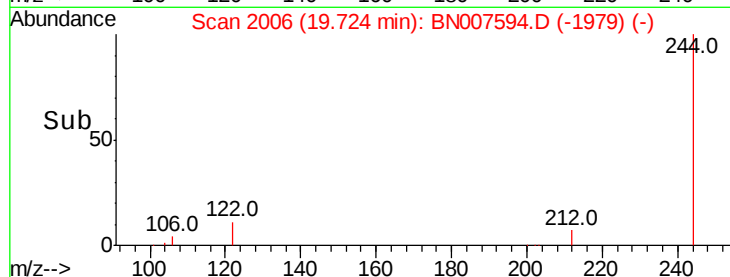
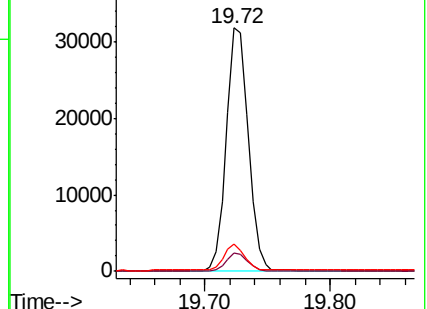
122 11.0 7.8 11.6



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: 0.432 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

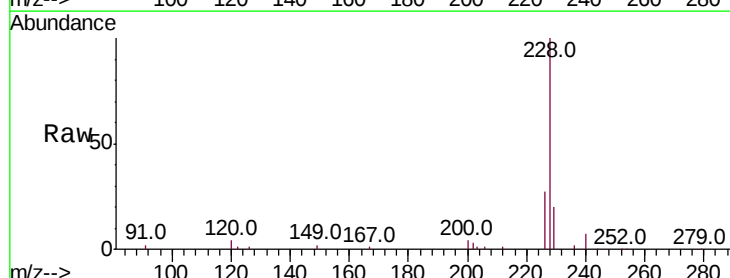
Tgt Ion:228 Resp: 53478

Ion Ratio Lower Upper

228 100

226 26.9 21.6 32.4

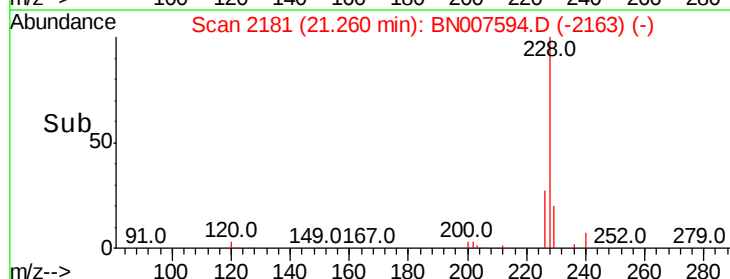
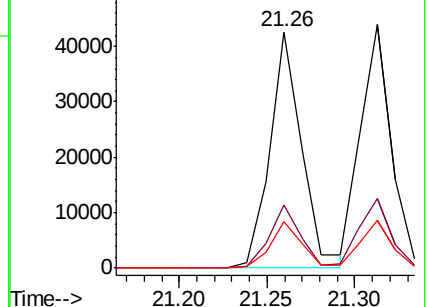
229 19.7 15.7 23.5

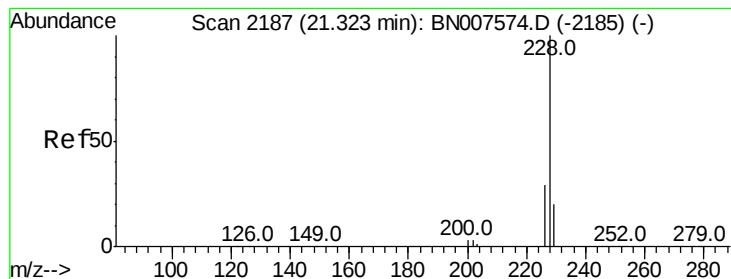


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.427 ng

RT: 21.31 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

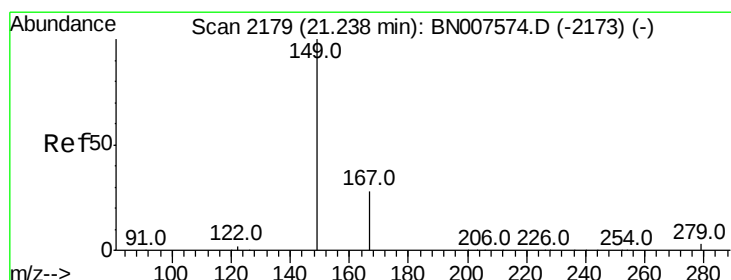
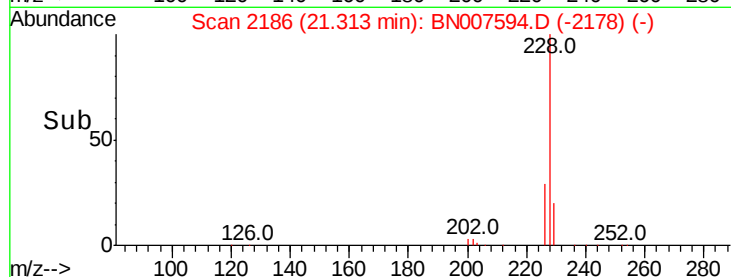
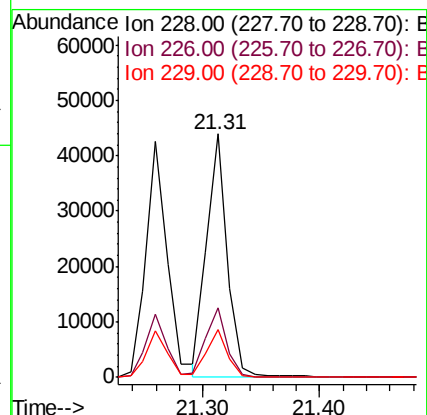
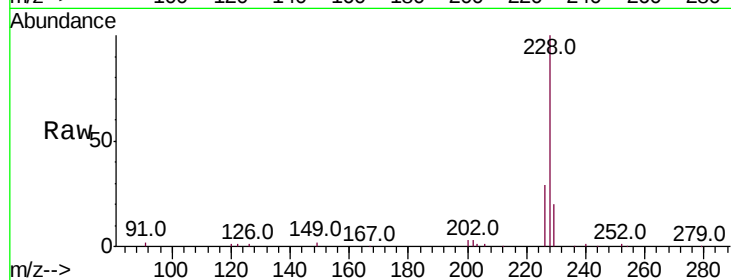
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 53683

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	19.7	15.7	23.5



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.511 ng

RT: 21.22 min Scan# 2177

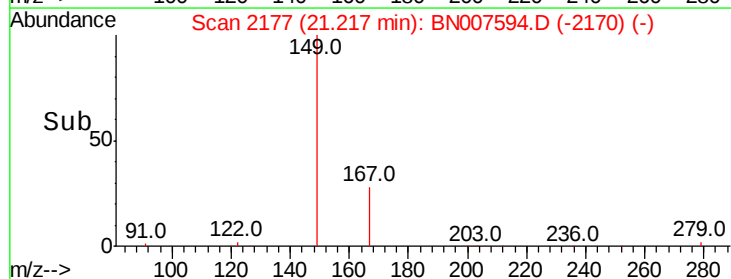
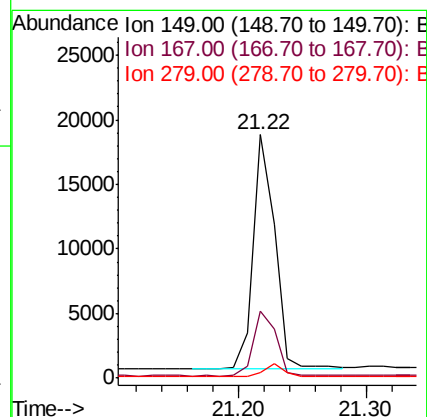
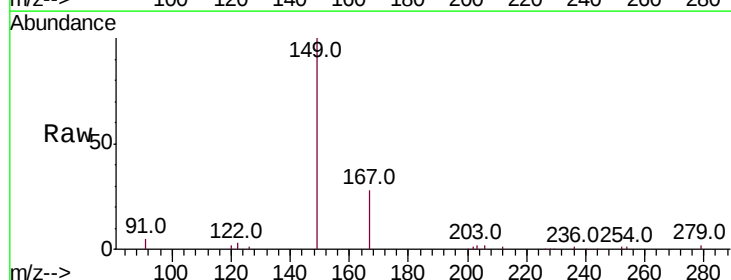
Delta R.T. -0.02 min

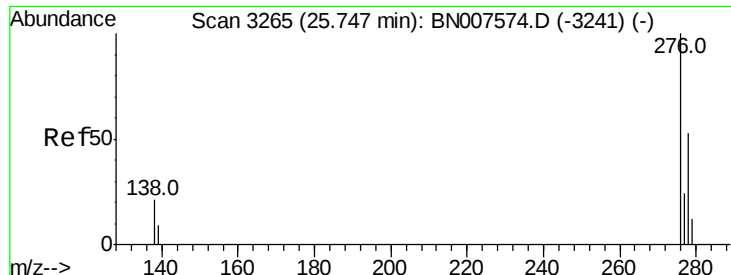
Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Tgt Ion:149 Resp: 21647

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.1	33.1
279	5.0	3.9	5.9





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.450 ng

RT: 25.72 min Scan# 3258

Delta R.T. -0.02 min

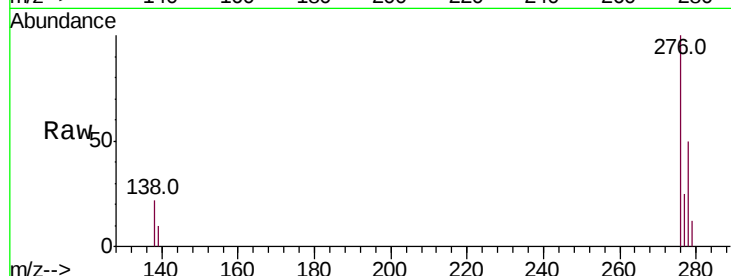
Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

ClientSampleId :



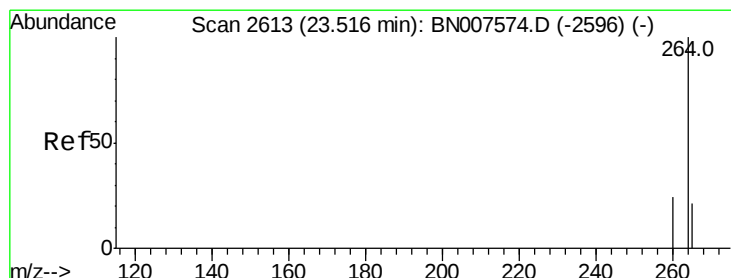
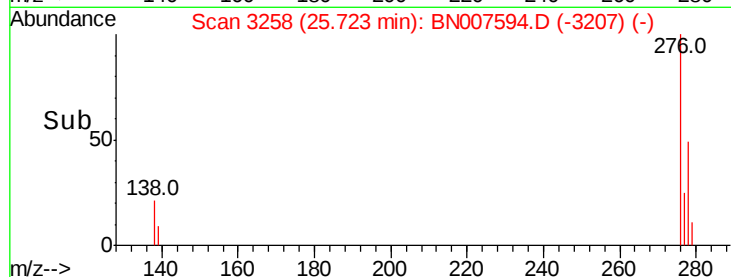
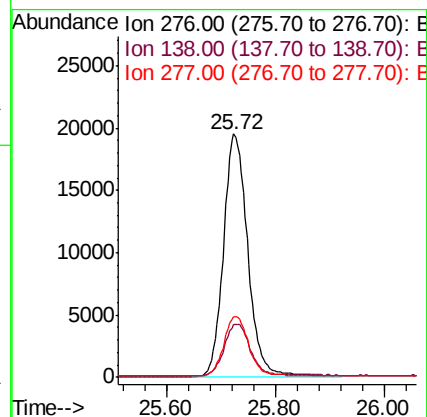
Tot Ion:276 Resp: 59896

Ion Ratio Lower Upper

276 100

138 22.5 0.0 0.0#

277 24.9 0.0 0.0#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

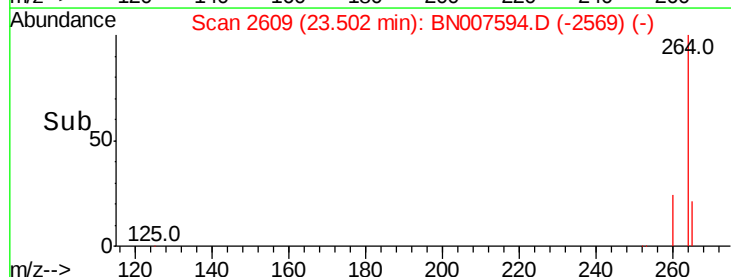
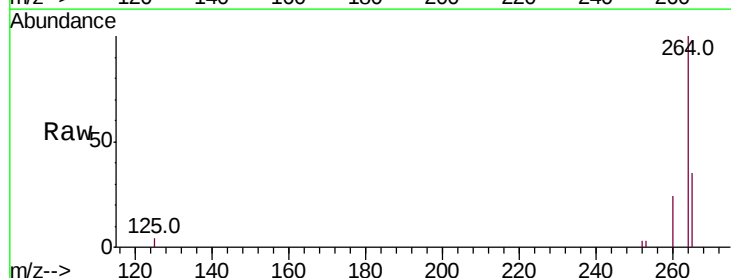
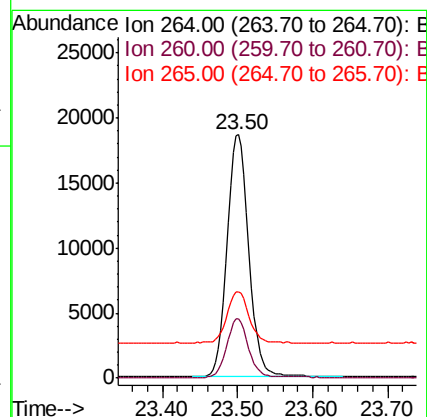
Tgt Ion:264 Resp: 37072

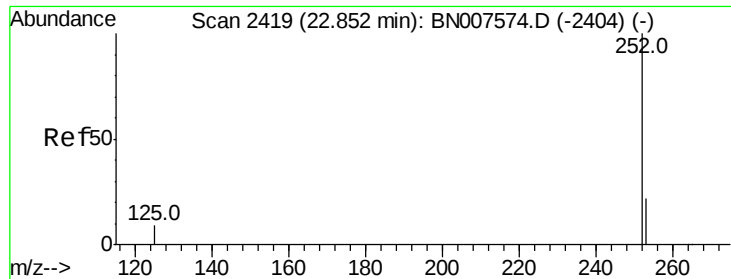
Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 35.4 25.6 38.4





#35

Benzo(b)fluoranthene

Concen: 0.396 ng

RT: 22.84 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

ClientSampleId :

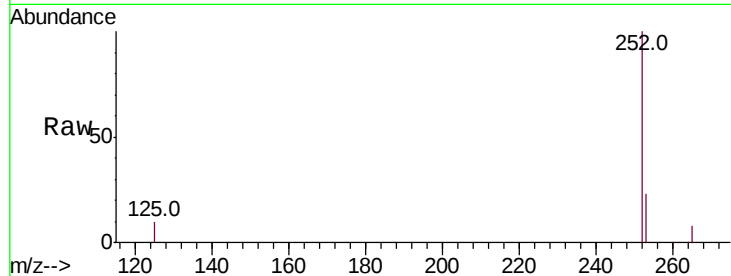
Tot Ion:252 Resp: 52198

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

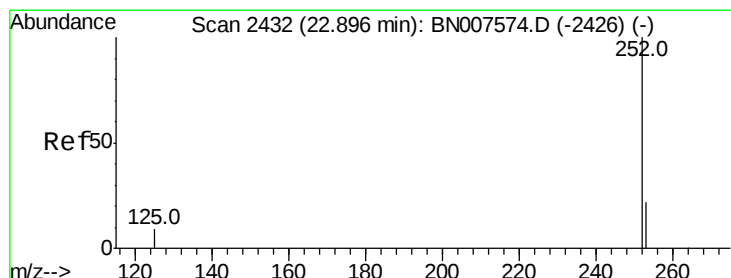
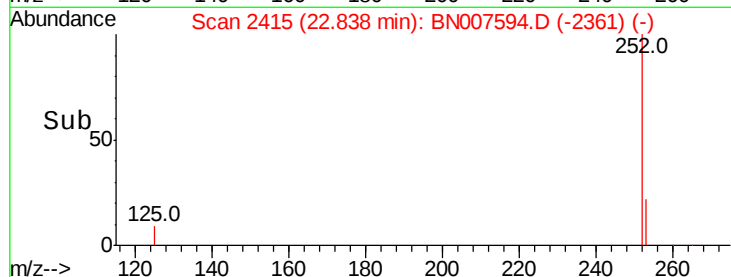
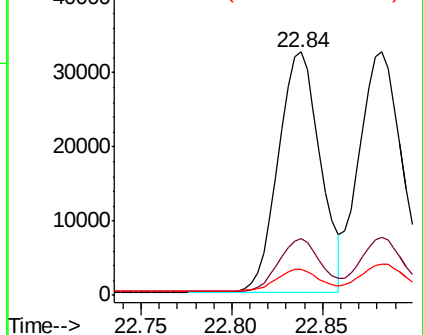
125 10.5 8.2 12.2



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: 0.401 ng

RT: 22.84 min Scan# 2415

Delta R.T. -0.06 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

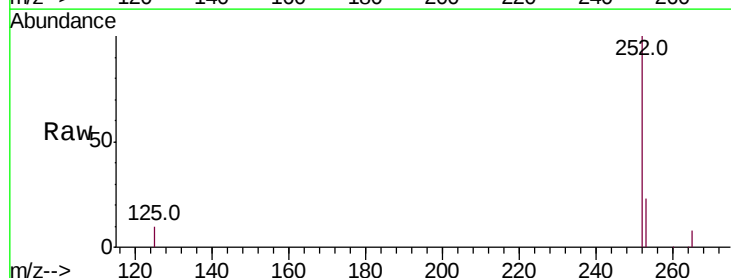
Tgt Ion:252 Resp: 52198

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

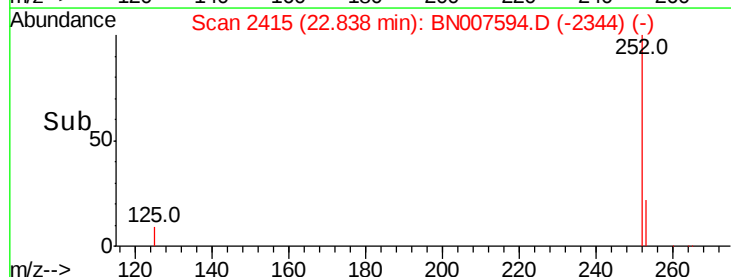
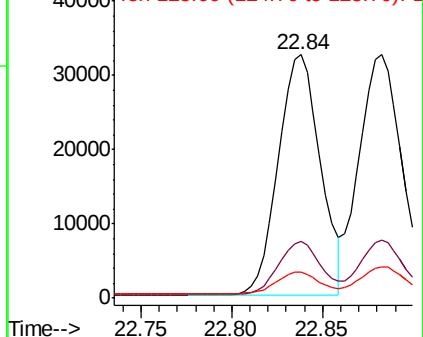
125 10.5 8.2 12.2

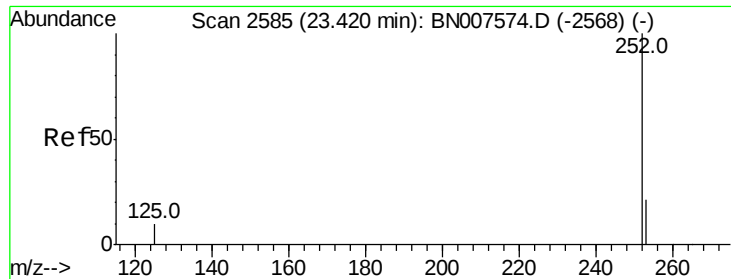


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.411 ng

RT: 23.40 min Scan# 2580

Delta R.T. -0.02 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

ClientSampleId :

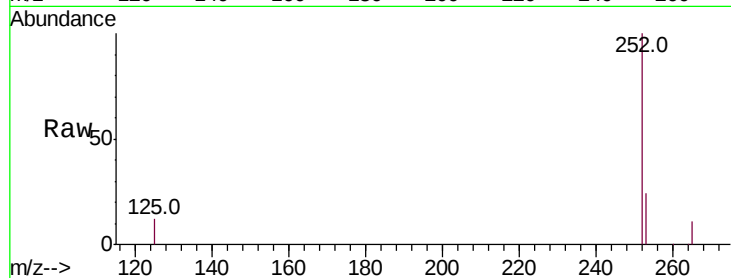
Tot Ion:252 Resp: 48168

Ion Ratio Lower Upper

252 100

253 23.7 18.6 28.0

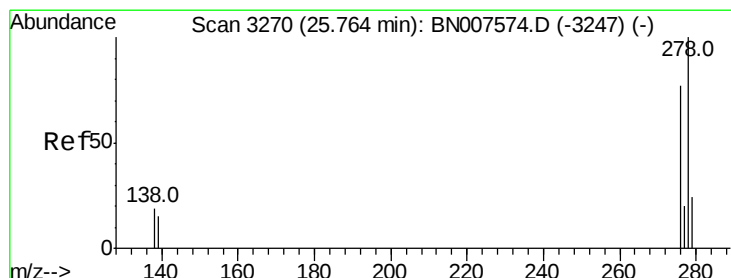
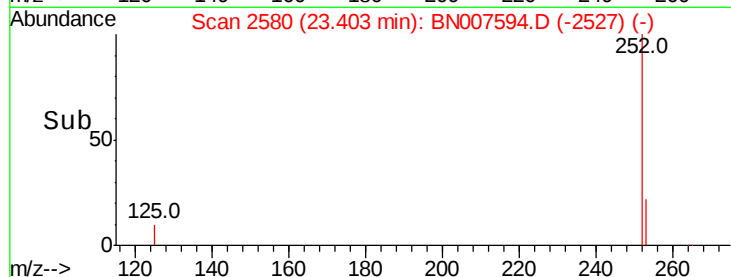
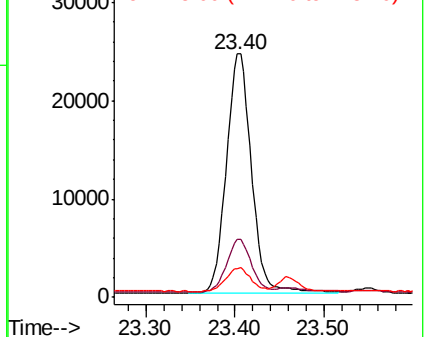
125 11.9 9.2 13.8



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: 0.423 ng

RT: 25.74 min Scan# 3264

Delta R.T. -0.02 min

Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

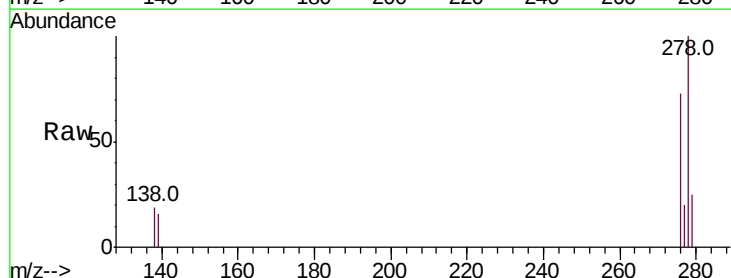
Tgt Ion:278 Resp: 49736

Ion Ratio Lower Upper

278 100

139 16.5 12.5 18.7

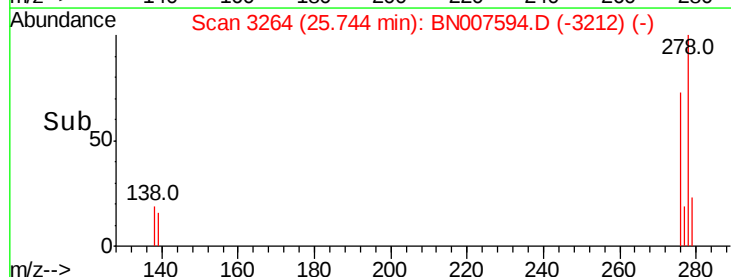
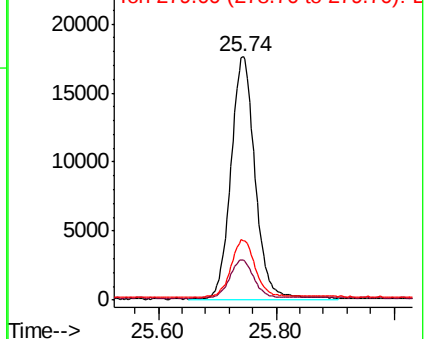
279 24.6 20.2 30.2

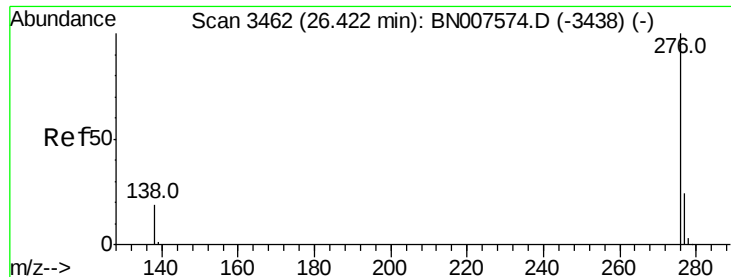


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.404 ng

RT: 26.40 min Scan# 3455

Delta R.T. -0.02 min

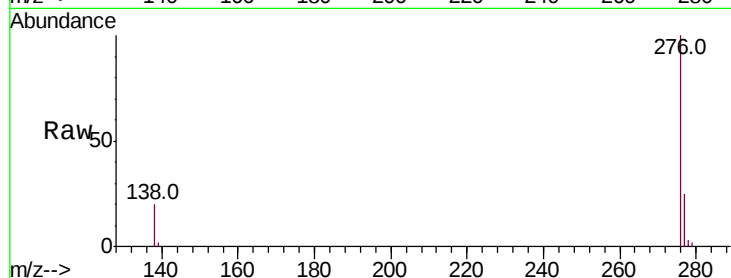
Lab File: BN007594.D

Acq: 11 Sep 2019 18:51

Instrument :

BNA_N

ClientSampleId :



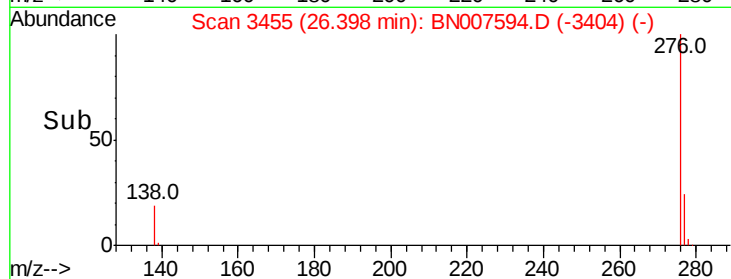
Tot Ion:276 Resp: 48188

Ion Ratio Lower Upper

276 100

277 24.5 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

