

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
 Data File : BN007593.D
 Acq On : 11 Sep 2019 18:15
 Operator : HP/JU
 Sample : PB122993BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 12 06:39:51 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	6476	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	25383	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	15123	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	32190	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	33523	0.40	ng	-0.01
34) Perylene-d12	23.50	264	35657	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	8192	0.42	ng	0.00
5) Phenol-d6	6.90	99	10553	0.40	ng	0.00
8) Nitrobenzene-d5	8.86	82	8889	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	18474	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2319	0.40	ng	-0.01
15) 2-Fluorobiphenyl	12.97	172	25350	0.41	ng	-0.01
25) Fluoranthene-d10	19.12	212	44435	0.42	ng	0.00
29) Terphenyl-d14	19.73	244	37292	0.43	ng	0.00

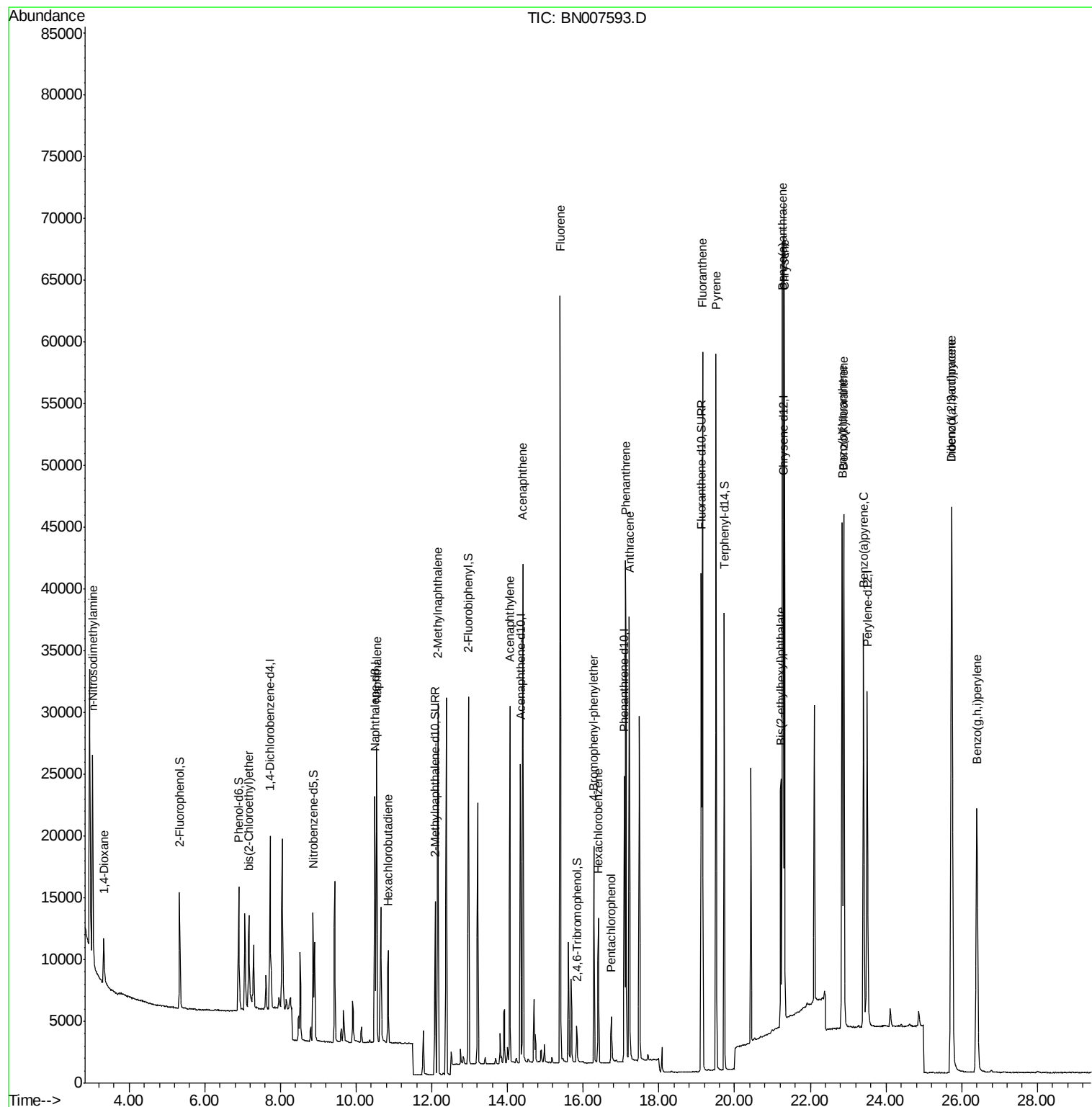
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	3023	0.494	ng	93
3) n-Nitrosodimethylamine	3.03	42	2014	0.521	ng	# 100
6) bis(2-Chloroethyl)ether	7.16	93	7605	0.594	ng	# 84
9) Naphthalene	10.54	128	30832	0.432	ng	99
10) Hexachlorobutadiene	10.85	225	6431	0.449	ng	# 99
12) 2-Methylnaphthalene	12.16	142	20940	0.418	ng	100
16) Acenaphthylene	14.06	152	30911	0.381	ng	100
17) Acenaphthene	14.40	154	20043	0.391	ng	100
18) Fluorene	15.39	166	25564	0.378	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	8389	0.441	ng	# 90
21) Hexachlorobenzene	16.40	284	9104	0.455	ng	98
22) Pentachlorophenol	16.74	266	2285	0.517	ng	98
23) Phenanthrene	17.12	178	42607	0.429	ng	100
24) Anthracene	17.22	178	38624	0.421	ng	100
26) Fluoranthene	19.15	202	51313	0.426	ng	100
28) Pyrene	19.51	202	51664	0.429	ng	100
30) Benzo(a)anthracene	21.26	228	51594	0.430	ng	99
31) Chrysene	21.31	228	51599	0.423	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	20970	0.511	ng	98
33) Indeno(1,2,3-cd)pyrene	25.73	276	57045	0.443	ng	# 100
35) Benzo(b)fluoranthene	22.84	252	50766	0.400	ng	99
36) Benzo(k)fluoranthene	22.88	252	52138	0.416	ng	98
37) Benzo(a)pyrene	23.41	252	46690	0.414	ng	99
38) Dibenzo(a,h)anthracene	25.74	278	47413	0.419	ng	99
39) Benzo(g,h,i)perylene	26.40	276	46525	0.406	ng	99

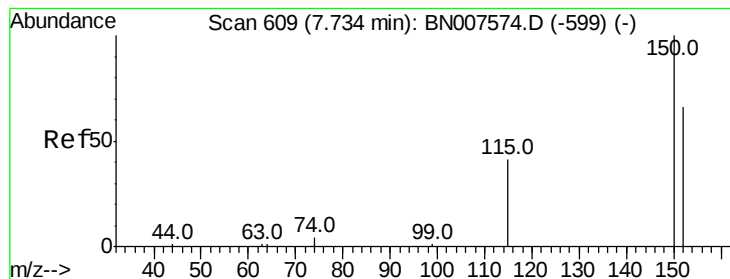
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN007593.D

Acq: 11 Sep 2019 18:15

Instrument :

BNA_N

ClientSampleId :

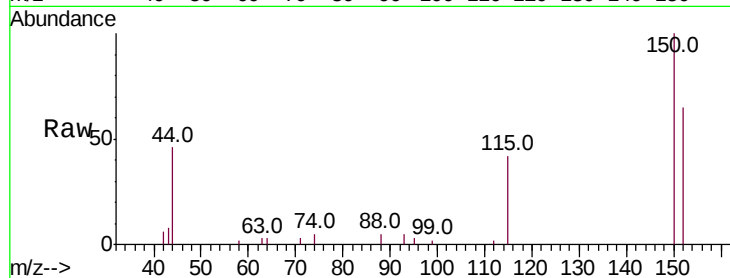
Tot Ion:152 Resp: 6476

Ion Ratio Lower Upper

152 100

150 154.6 119.5 179.3

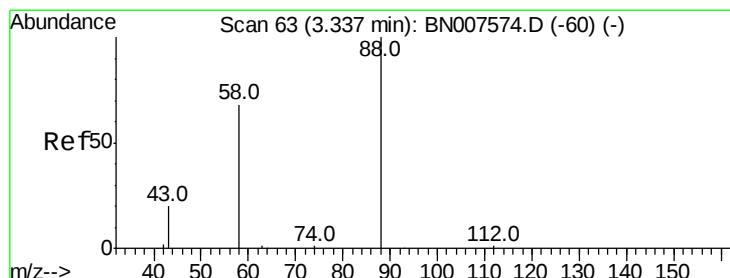
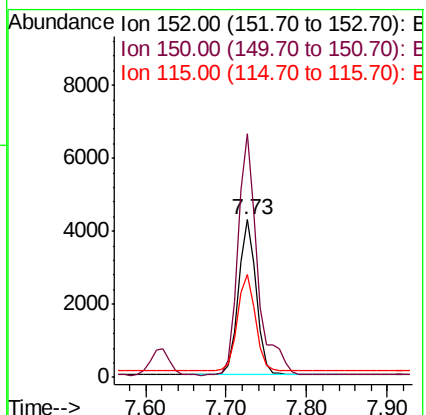
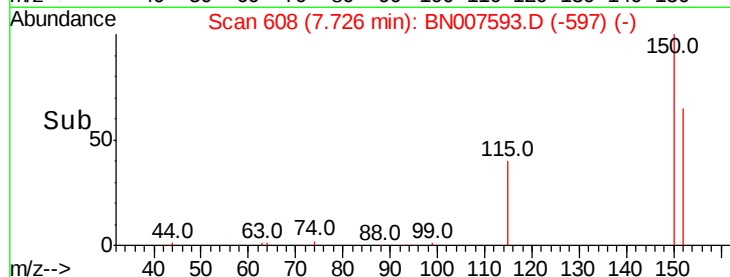
115 65.0 53.0 79.6



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: 0.494 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.01 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

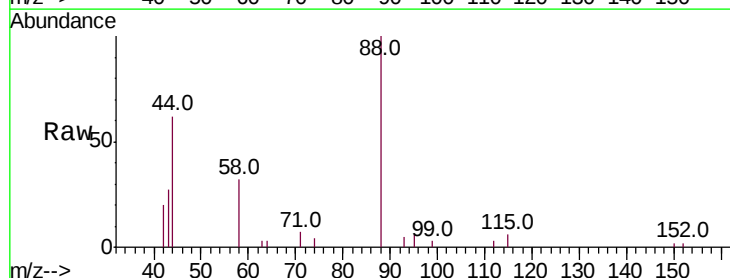
Tgt Ion: 88 Resp: 3023

Ion Ratio Lower Upper

88 100

58 72.5 64.6 96.8

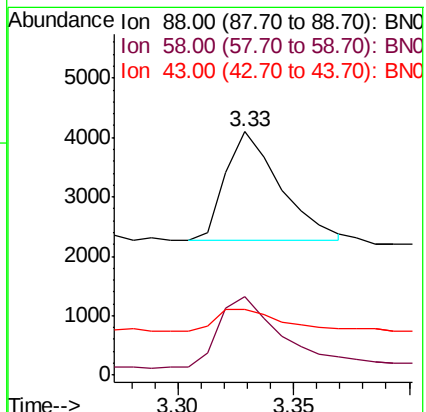
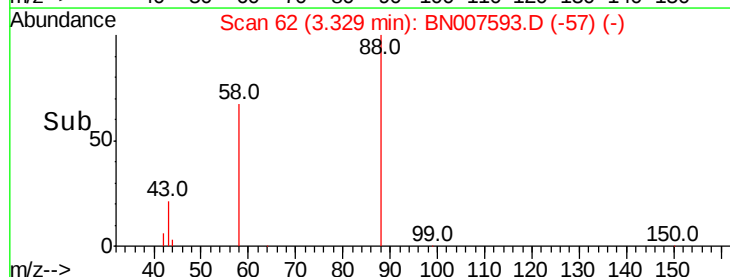
43 23.6 19.2 28.8

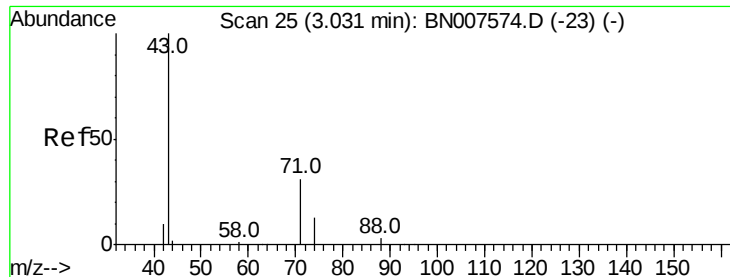


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.521 ng

RT: 3.03 min Scan# 25

Delta R.T. 0.00 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

Instrument :

BNA_N

ClientSampleId :

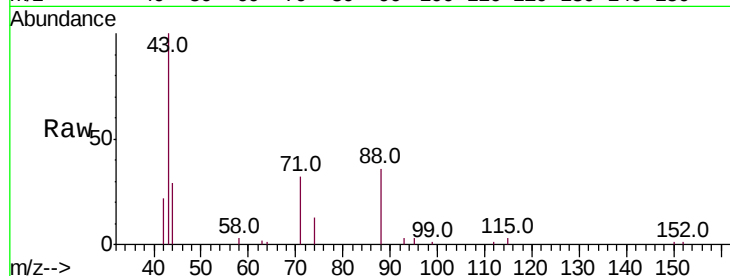
Tot Ion: 42 Resp: 2014

Ion Ratio Lower Upper

42 100

74 112.0 0.0 0.0#

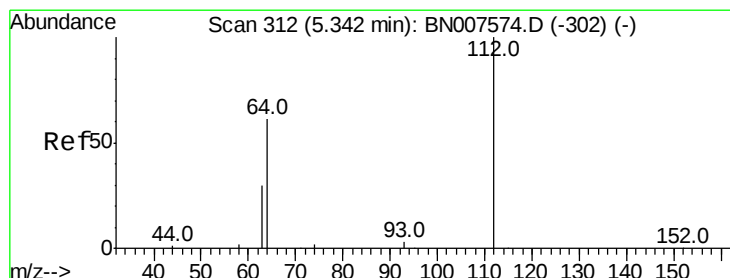
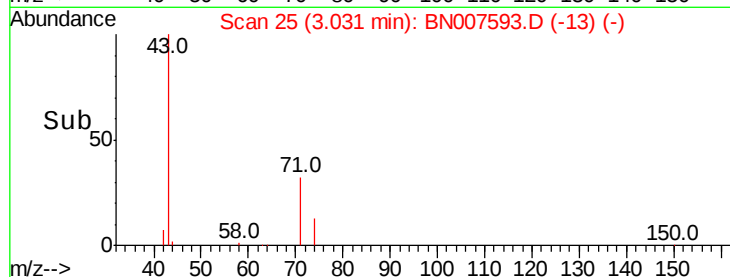
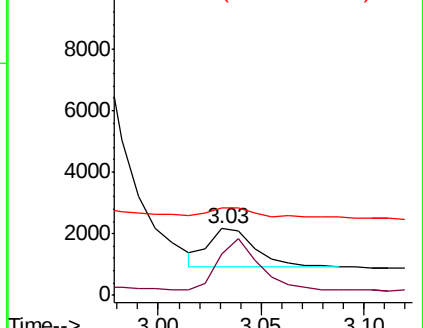
44 28.3 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007574.D (-23) (-)

Ion 74.00 (73.70 to 74.70): BN007574.D (-23) (-)

Ion 44.00 (43.70 to 44.70): BN007574.D (-23) (-)



#4

2-Fluorophenol

Concen: 0.415 ng

RT: 5.34 min Scan# 312

Delta R.T. 0.00 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

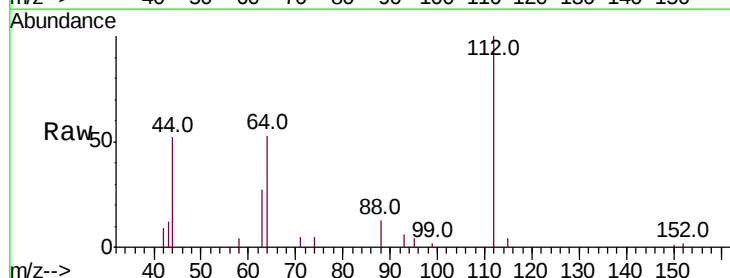
Tgt Ion: 112 Resp: 8192

Ion Ratio Lower Upper

112 100

64 60.4 49.2 73.8

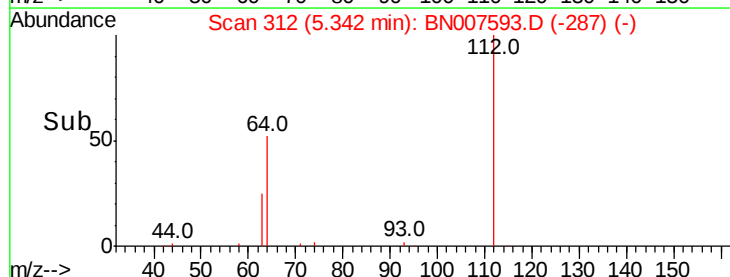
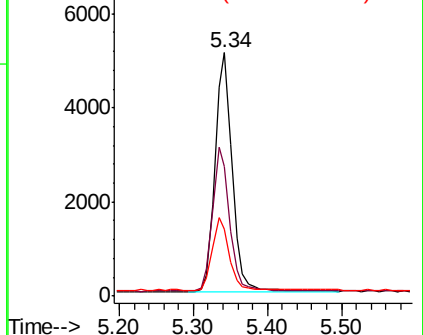
63 29.8 26.0 39.0

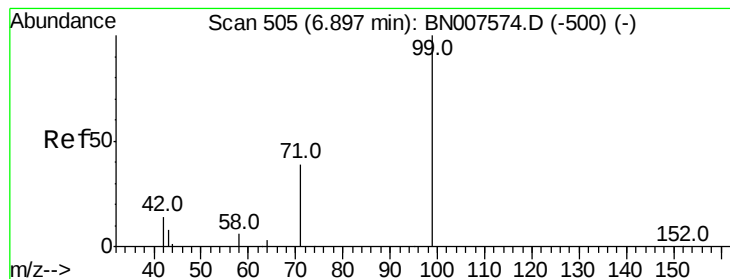


Abundance Ion 112.00 (111.70 to 112.70): BN007574.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007574.D (-302) (-)

Ion 63.00 (62.70 to 63.70): BN007574.D (-302) (-)





#5

Phenol-d6

Concen: 0.399 ng

RT: 6.90 min Scan# 505

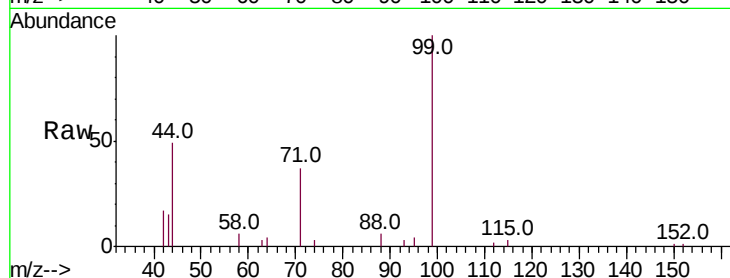
Delta R.T. 0.00 min

Lab File: BN007593.D

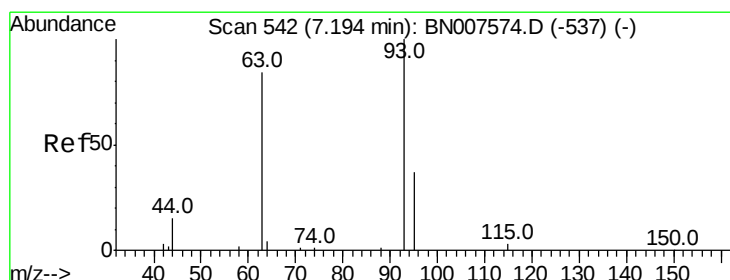
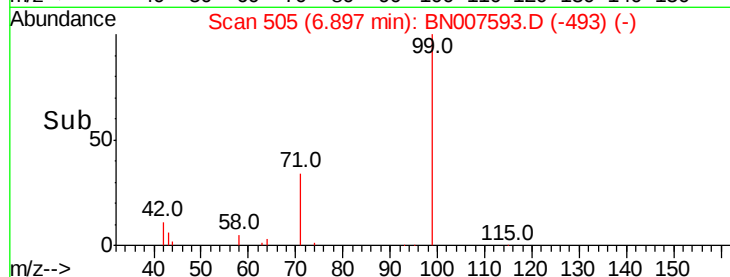
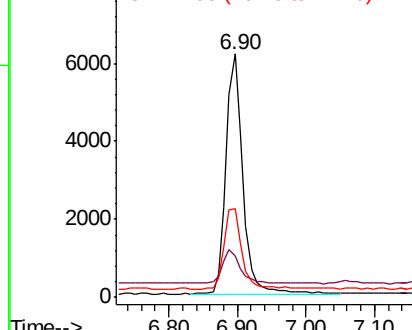
Acq: 11 Sep 2019 18:15

Instrument :
BNA_N
ClientSampled :

Tot Ion:	99	Resp:	10553
Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.8	17.8
71	35.6	28.8	43.2



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.594 ng

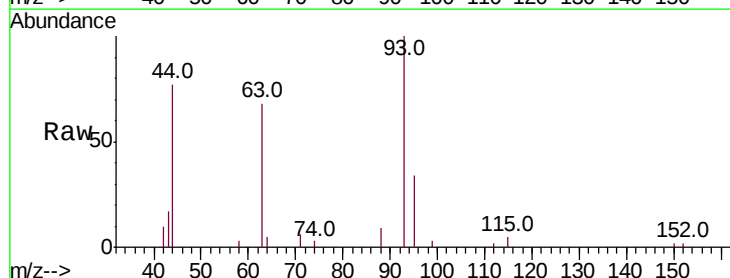
RT: 7.16 min Scan# 538

Delta R.T. -0.03 min

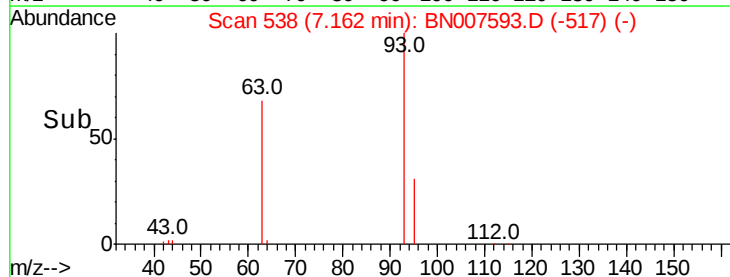
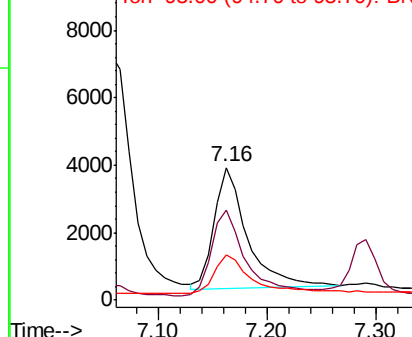
Lab File: BN007593.D

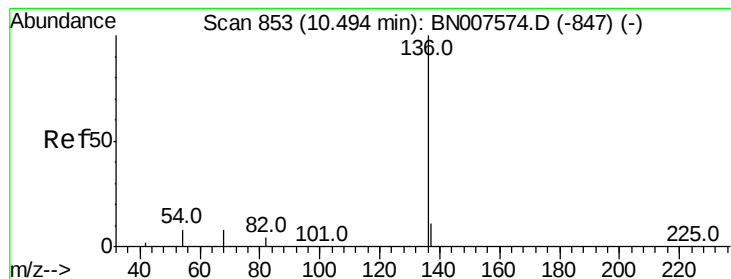
Acq: 11 Sep 2019 18:15

Tgt Ion:	93	Resp:	7605
Ion	Ratio	Lower	Upper
93	100		
63	74.8	69.8	104.6
95	38.5	42.8	64.2#



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 25383

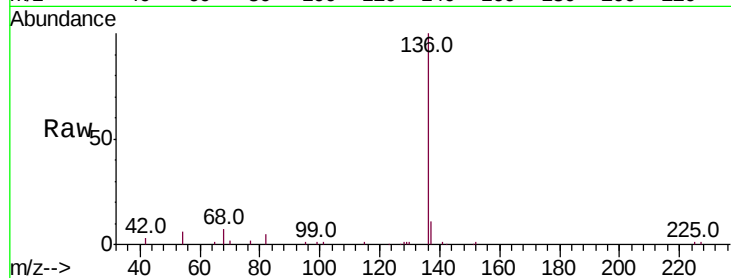
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.4 7.5 11.3#

68 7.3 7.9 11.9#

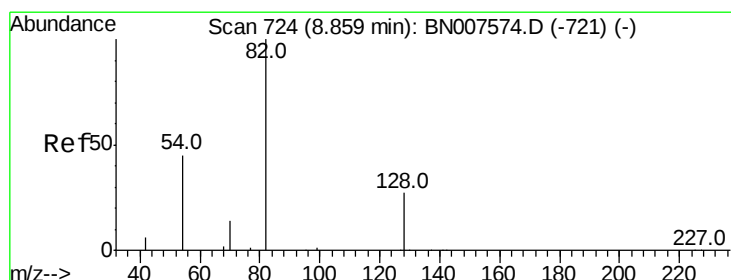
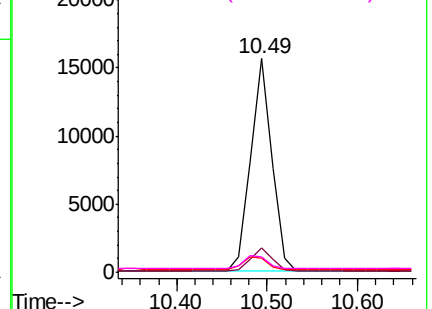
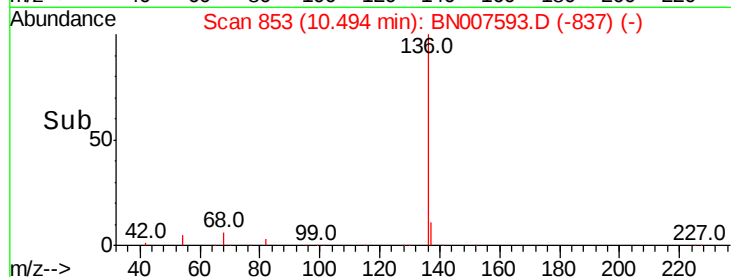


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.575 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

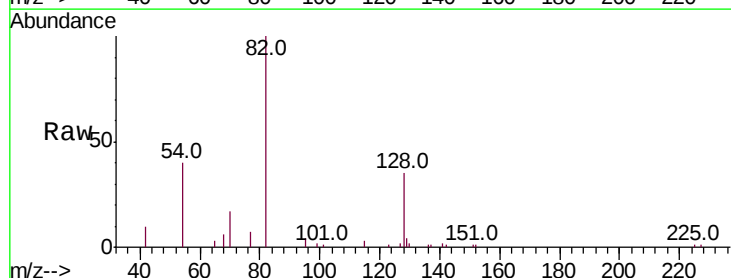
Tgt Ion: 82 Resp: 8889

Ion Ratio Lower Upper

82 100

128 34.9 23.4 35.2

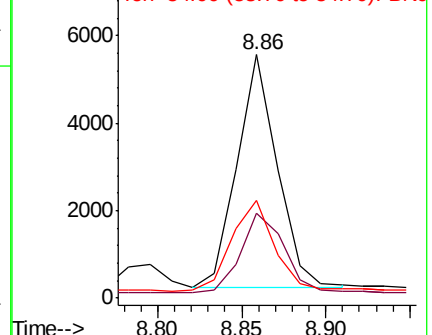
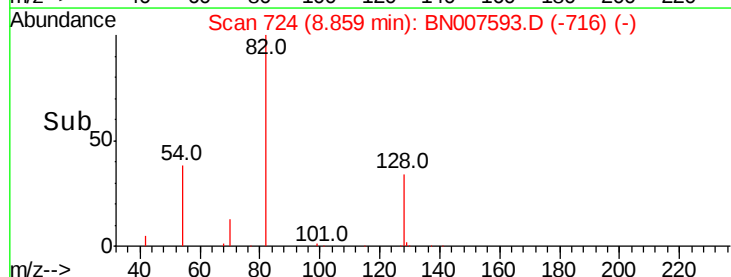
54 40.1 38.2 57.2

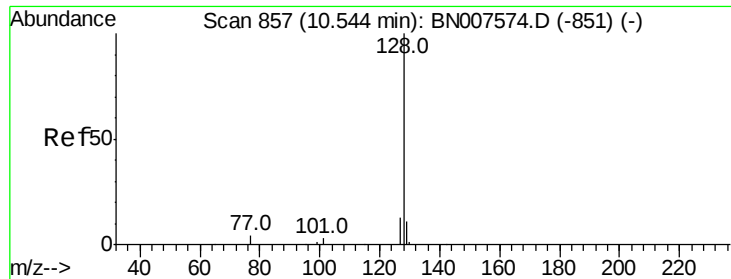


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.432 ng

RT: 10.54 min Scan# 857

Delta R.T. 0.00 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

Instrument :

BNA_N

ClientSampleId :

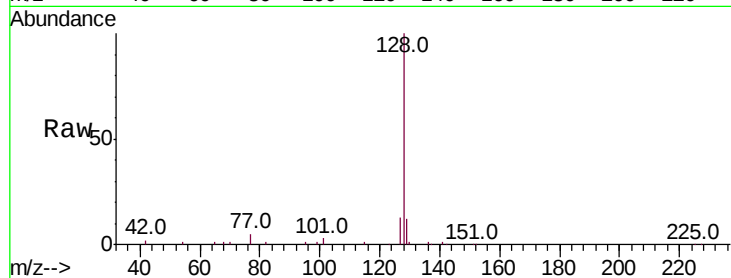
Tot Ion:128 Resp: 30832

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

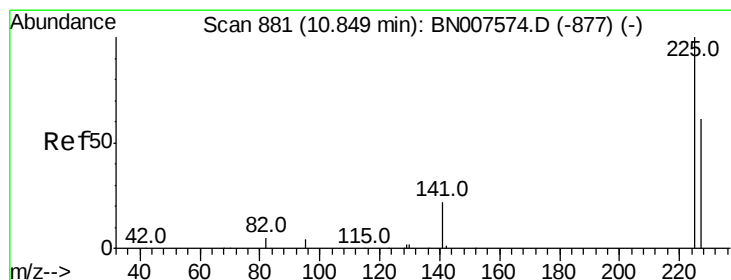
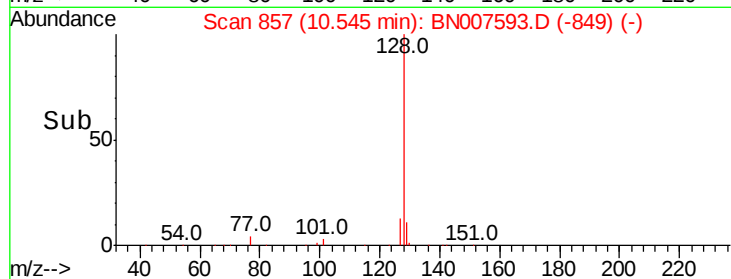
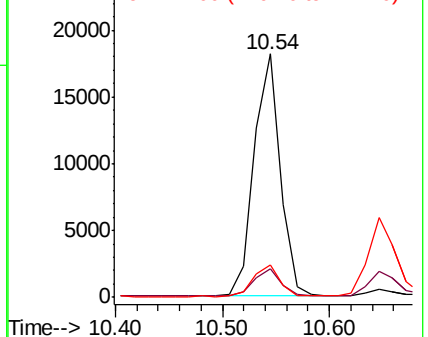
127 13.1 11.0 16.4



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: 0.449 ng

RT: 10.85 min Scan# 881

Delta R.T. 0.00 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

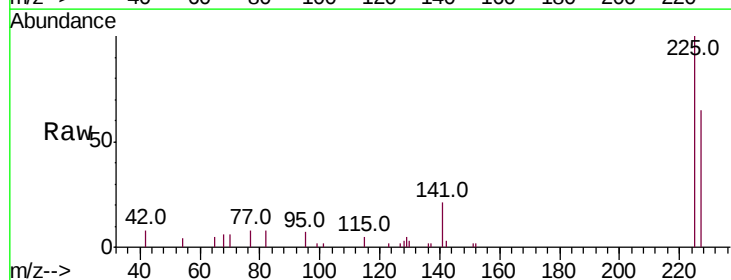
Tgt Ion:225 Resp: 6431

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

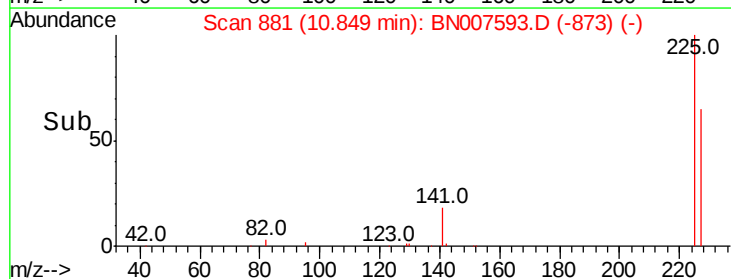
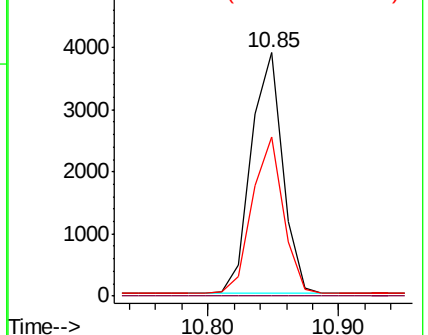
227 63.8 50.4 75.6

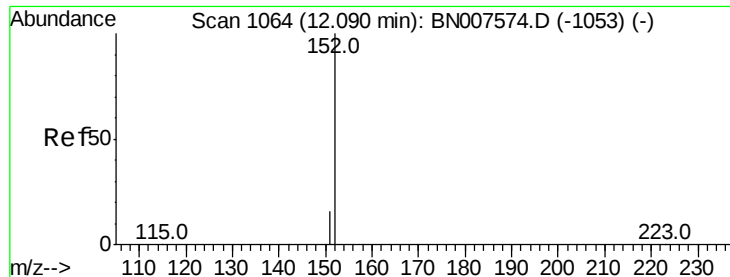


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

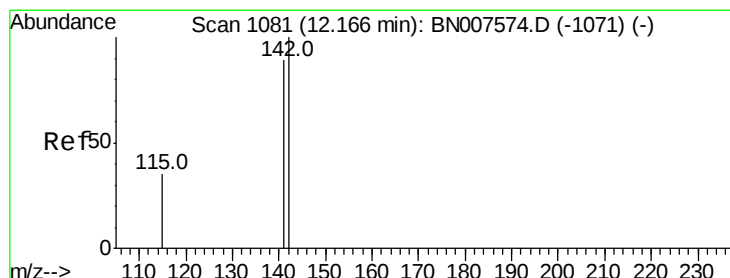
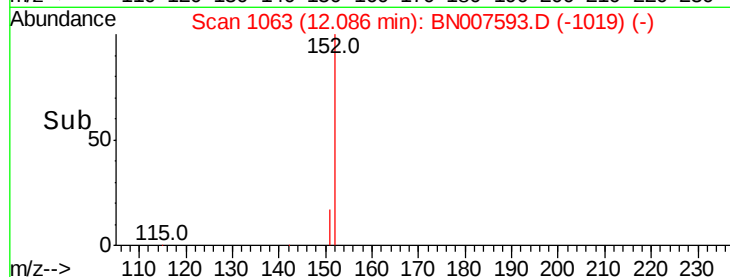
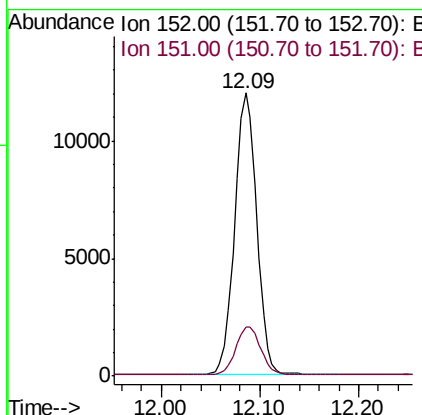
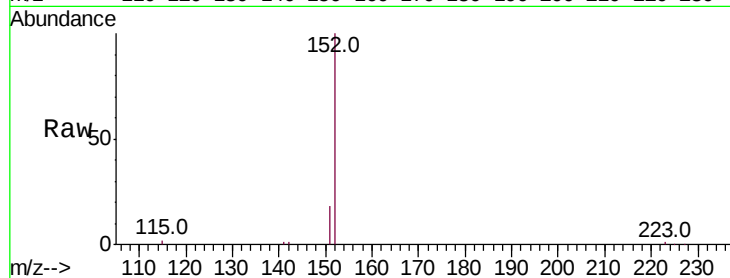




#11
 2-Methylnaphthalene-d10
 Concen: 0.422 ng
 RT: 12.09 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BN007593.D
 Acq: 11 Sep 2019 18:15

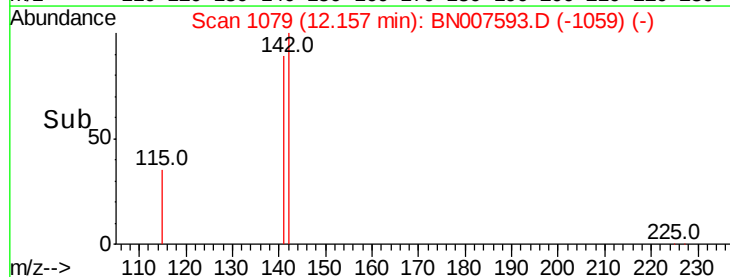
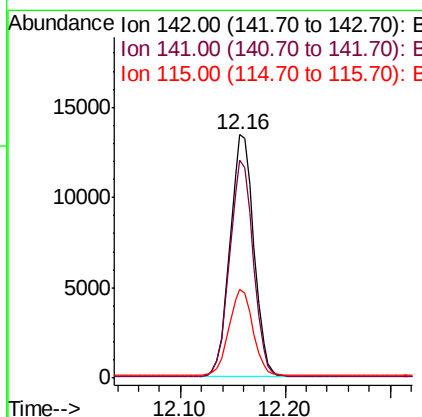
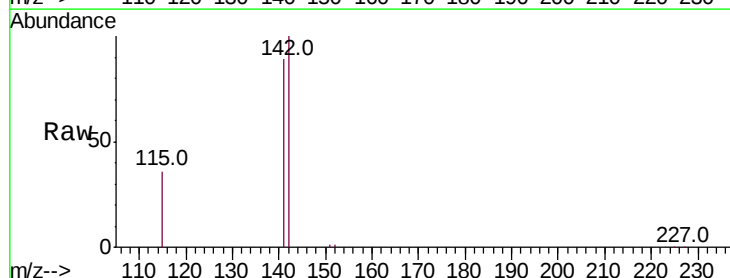
Instrument :
 BNA_N
 ClientSampleId :

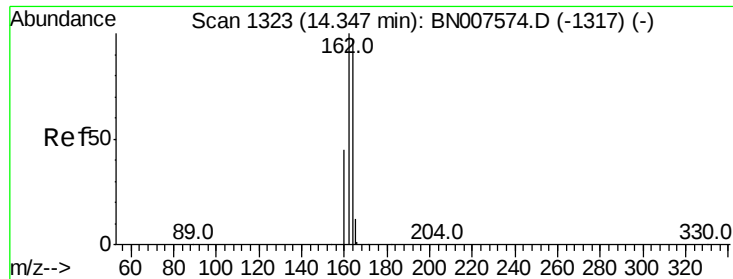
Tot Ion:152 Resp: 18474
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.418 ng
 RT: 12.16 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BN007593.D
 Acq: 11 Sep 2019 18:15

Tgt Ion:142 Resp: 20940
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.0 106.6
 115 36.5 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: BN007593.D

Acq: 11 Sep 2019 18:15

Instrument :

BNA_N

ClientSampleId :

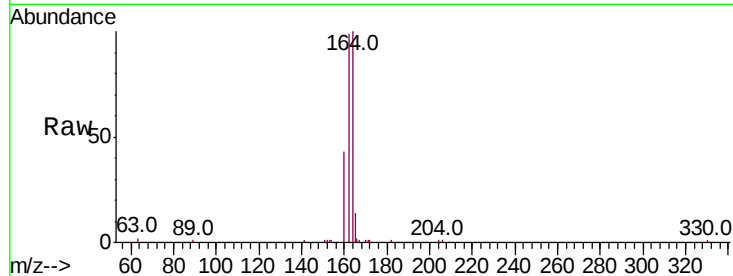
Tot Ion:164 Resp: 15123

Ion Ratio Lower Upper

164 100

162 99.3 82.2 123.2

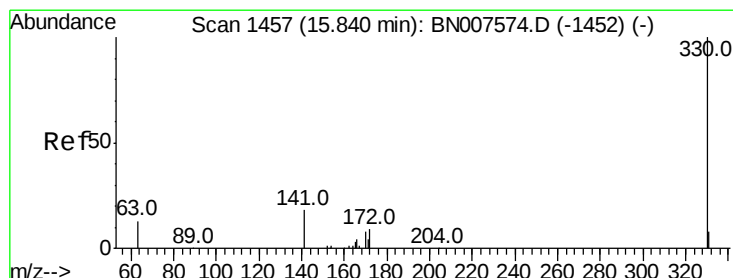
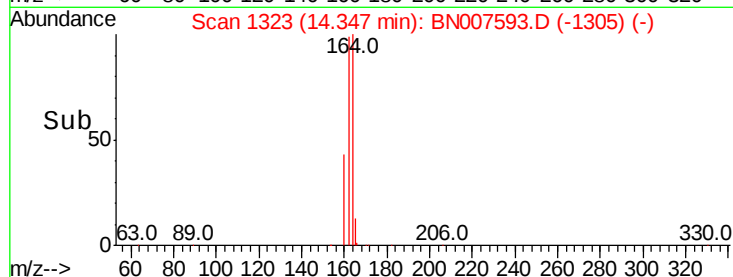
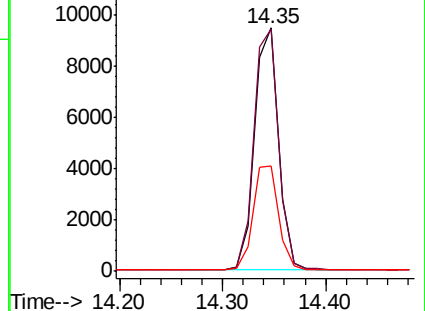
160 43.4 37.4 56.0



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: 0.404 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

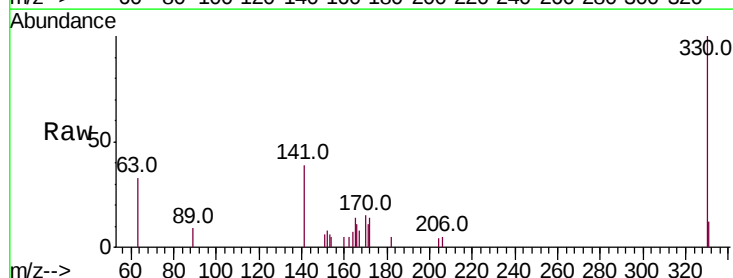
Tgt Ion:330 Resp: 2319

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

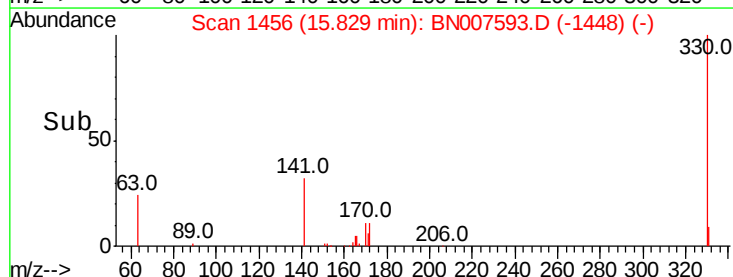
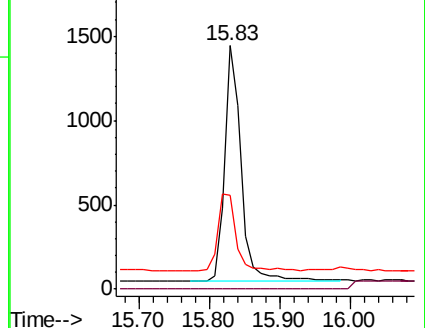
141 36.8 30.6 45.8

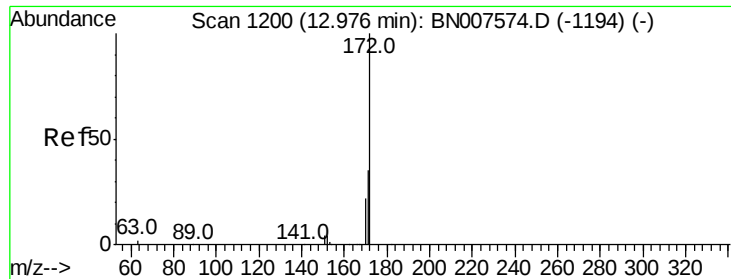


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

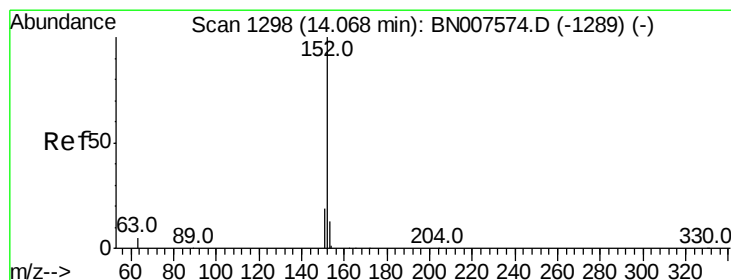
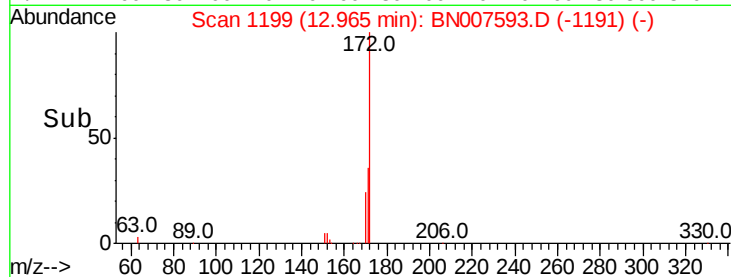
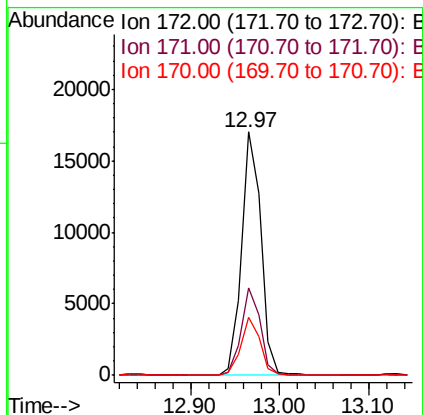
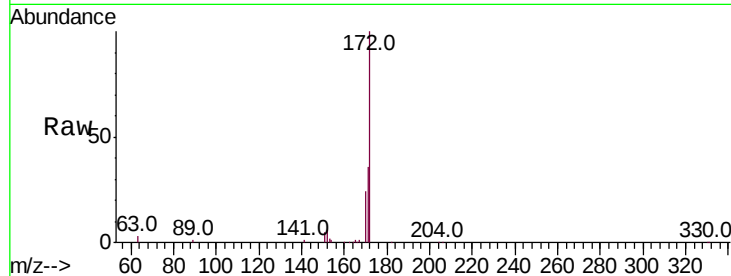




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BN007593.D
Acq: 11 Sep 2019 18:15

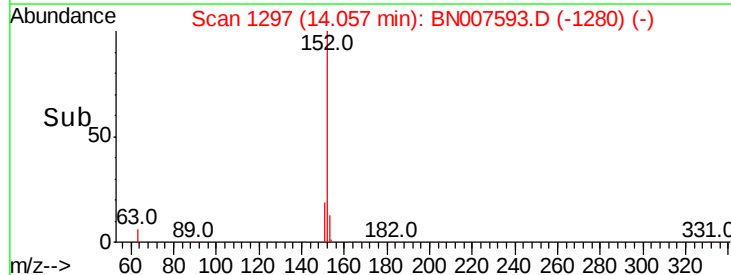
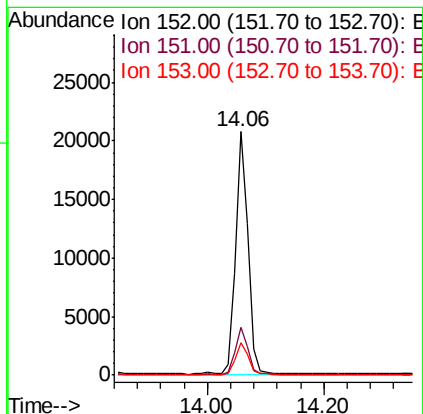
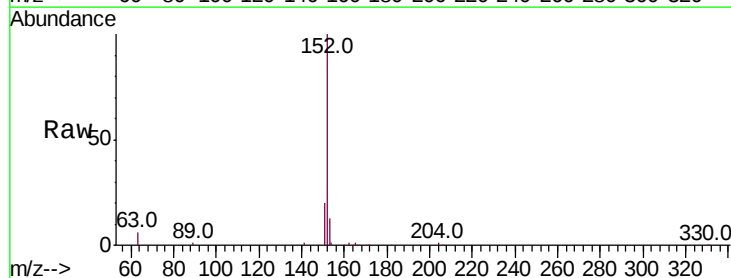
Instrument :
BNA_N
ClientSampleId :

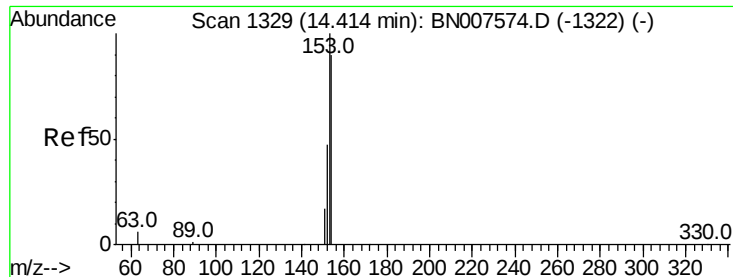
Tot Ion:172 Resp: 25350
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.9 18.3 27.5



#16
Acenaphthylene
Concen: 0.381 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BN007593.D
Acq: 11 Sep 2019 18:15

Tgt Ion:152 Resp: 30911
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

Instrument :

BNA_N

ClientSampleId :

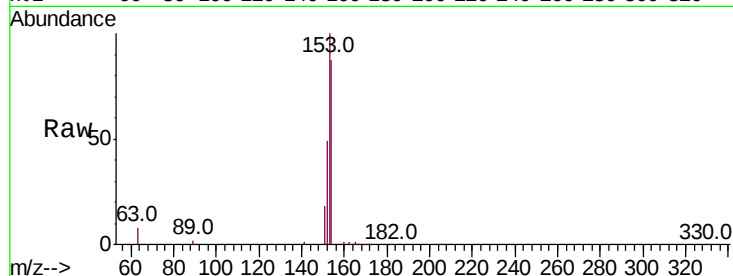
Tot Ion:154 Resp: 20043

Ion Ratio Lower Upper

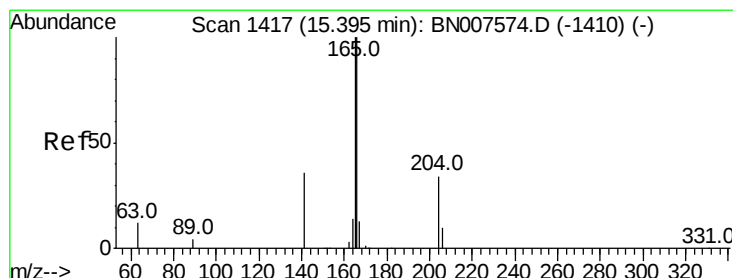
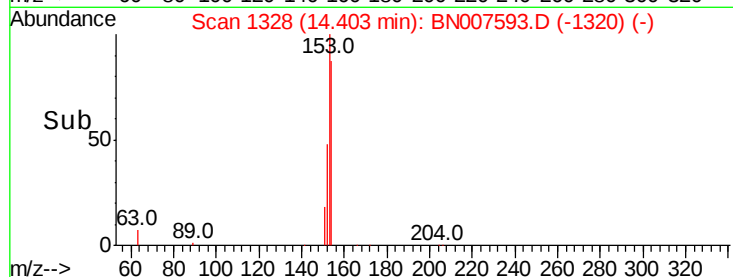
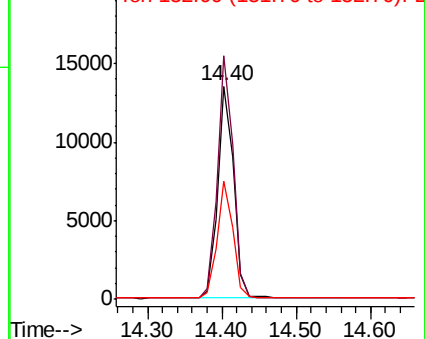
154 100

153 112.3 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: 0.378 ng

RT: 15.39 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

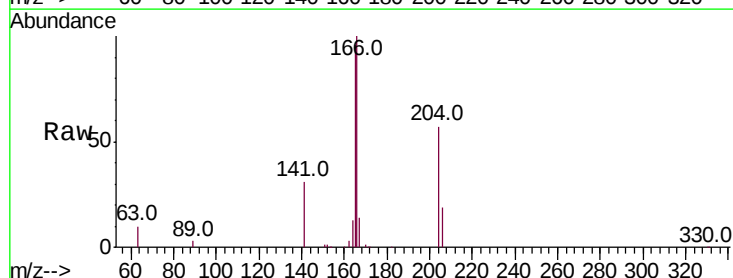
Tgt Ion:166 Resp: 25564

Ion Ratio Lower Upper

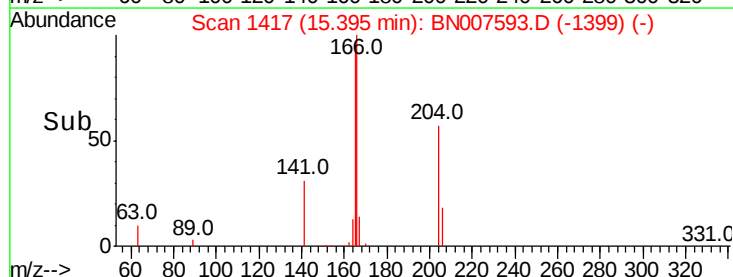
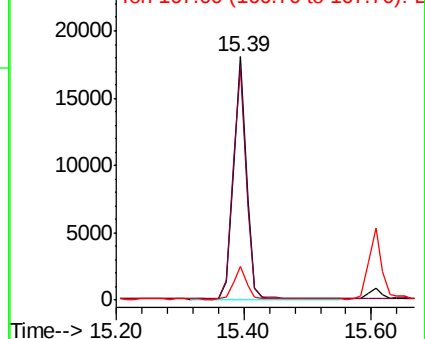
166 100

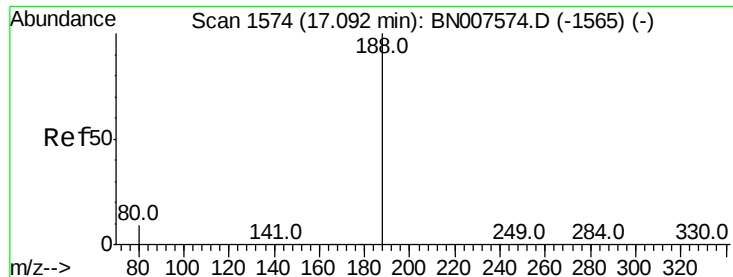
165 97.7 77.8 116.6

167 13.6 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.08 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

Instrument :

BNA_N

ClientSampled :

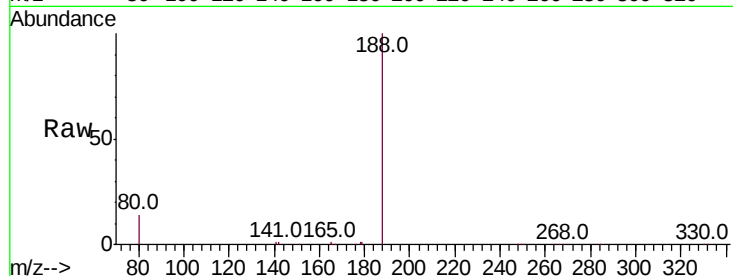
Tot Ion:188 Resp: 32190

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

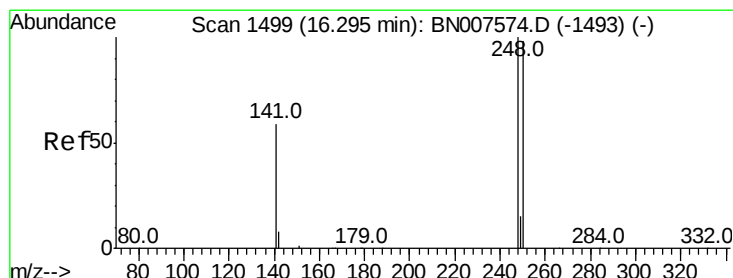
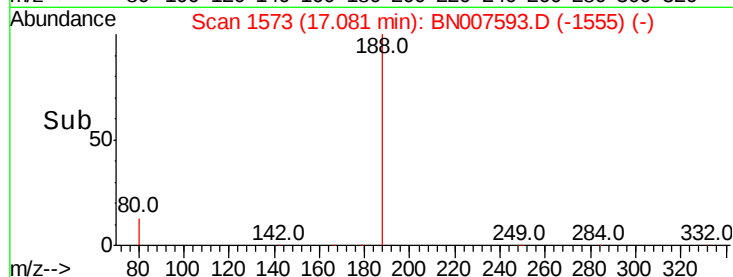
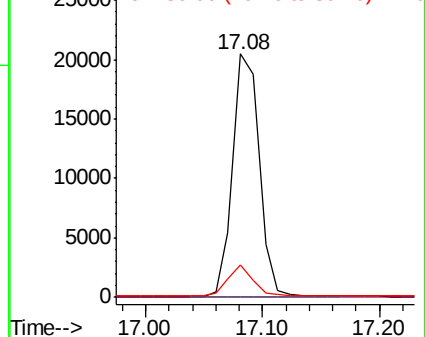
80 13.5 8.1 12.1#



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: 0.441 ng

RT: 16.28 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

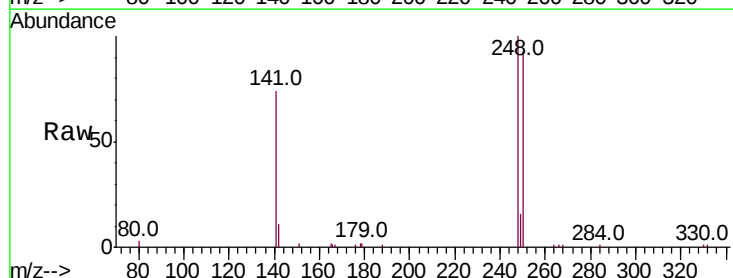
Tgt Ion:248 Resp: 8389

Ion Ratio Lower Upper

248 100

250 93.3 78.9 118.3

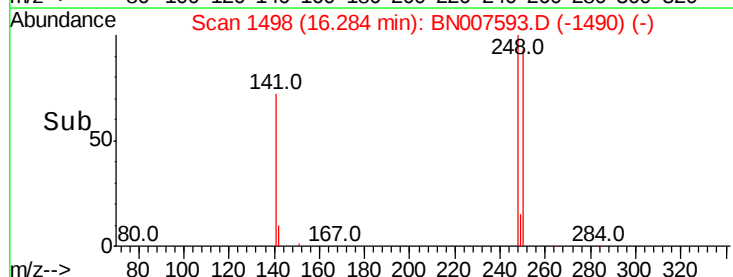
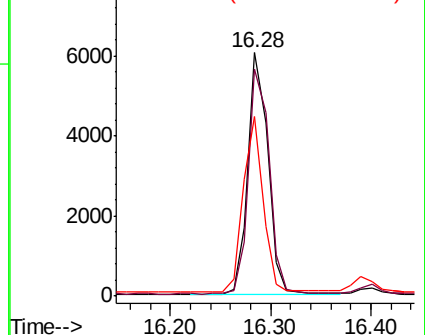
141 73.8 48.3 72.5#

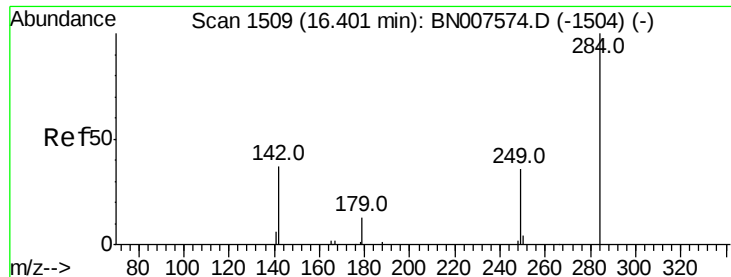


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

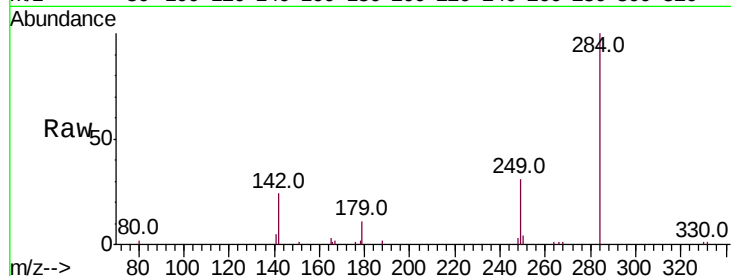




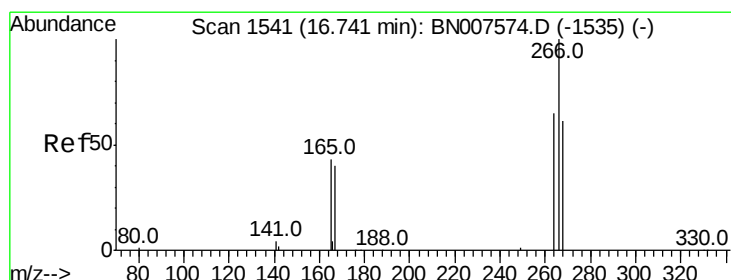
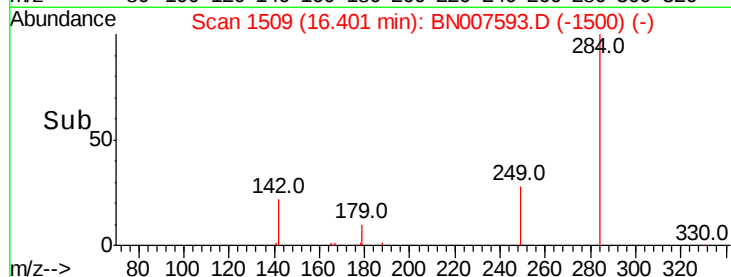
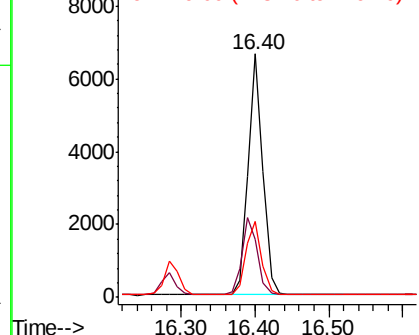
#21
Hexachlorobenzene
Concen: 0.455 ng
RT: 16.40 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BN007593.D
Acq: 11 Sep 2019 18:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 9104
Ion Ratio Lower Upper
284 100
142 33.6 27.9 41.9
249 31.5 26.0 39.0

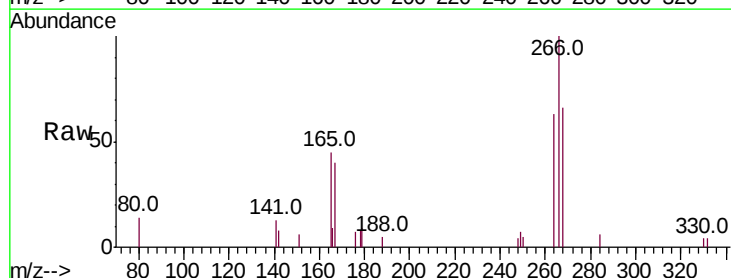


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

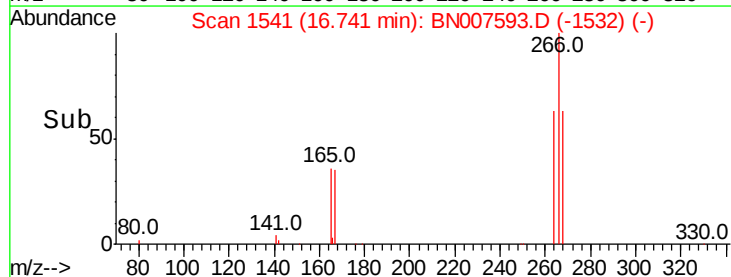
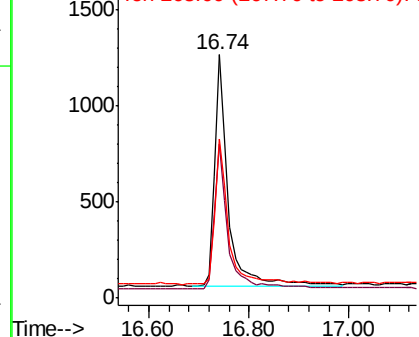


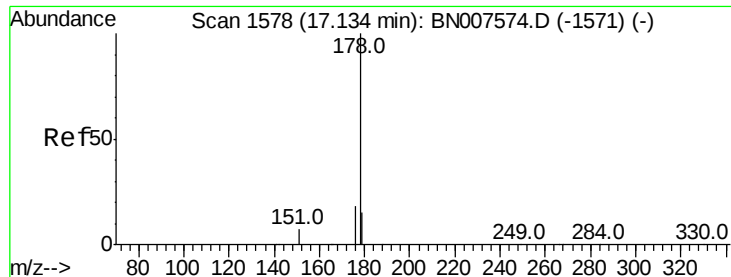
#22
Pentachlorophenol
Concen: 0.517 ng
RT: 16.74 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BN007593.D
Acq: 11 Sep 2019 18:15

Tgt Ion:266 Resp: 2285
Ion Ratio Lower Upper
266 100
264 63.4 52.0 78.0
268 65.6 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: 0.429 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

Instrument :

BNA_N

ClientSampleId :

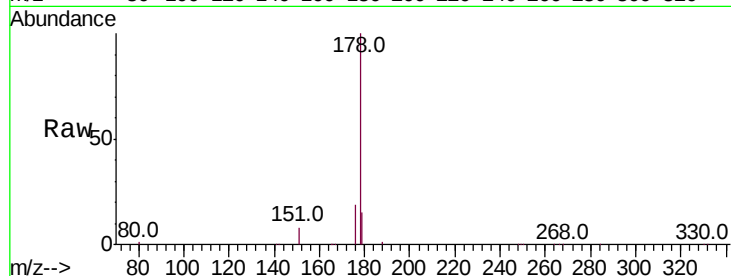
Tot Ion:178 Resp: 42607

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.4 12.2 18.2

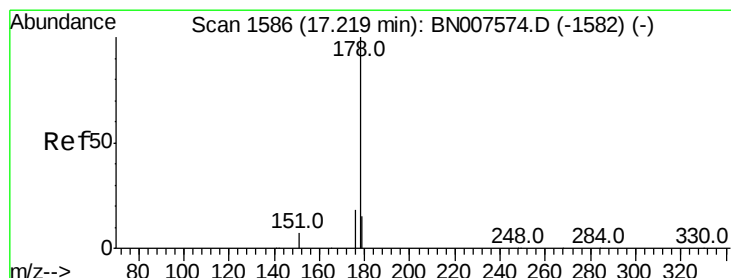
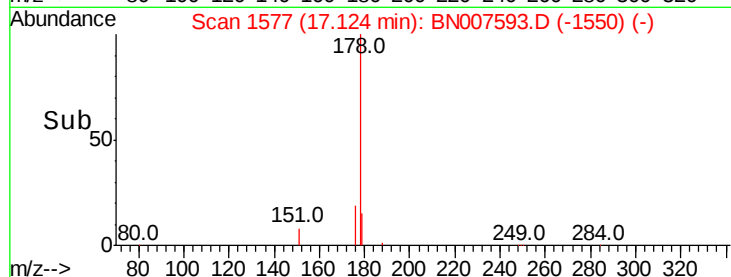
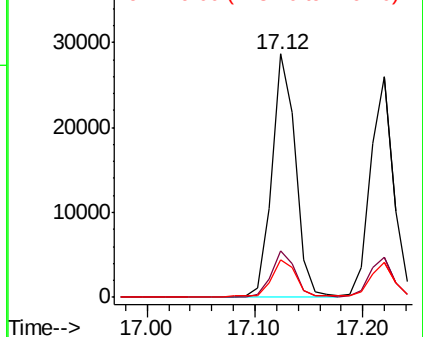


Abundance

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: 0.421 ng

RT: 17.22 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

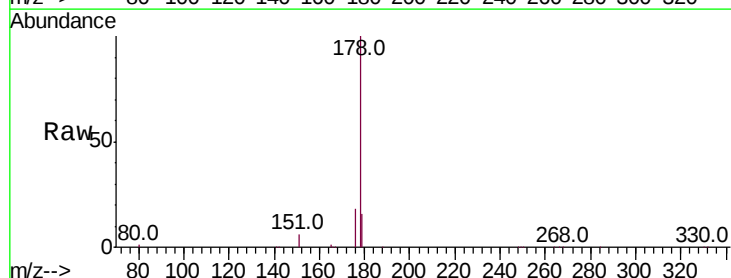
Tgt Ion:178 Resp: 38624

Ion Ratio Lower Upper

178 100

176 18.1 14.4 21.6

179 15.5 12.5 18.7

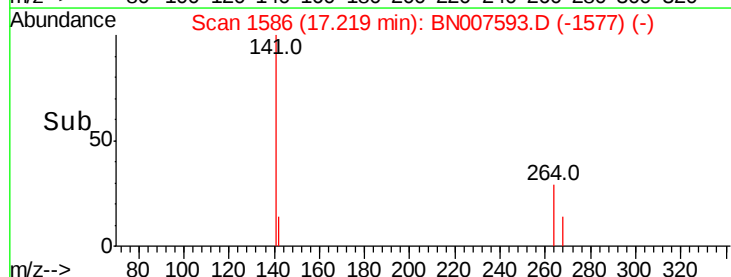
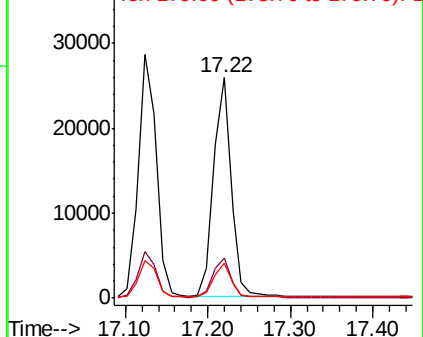


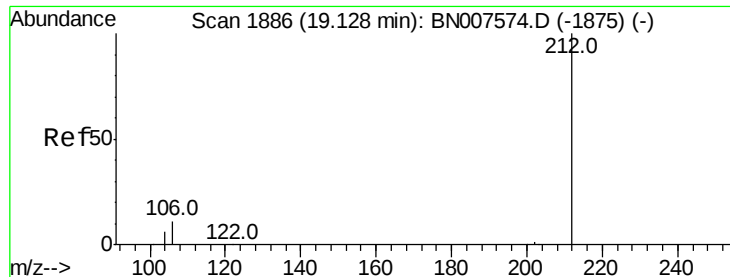
Abundance

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: 0.425 ng

RT: 19.12 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

Instrument :

BNA_N

ClientSampleId :

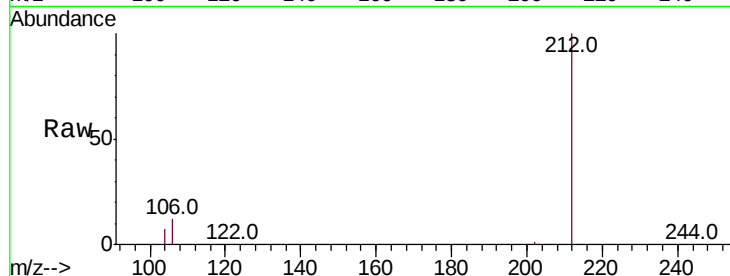
Tot Ion:212 Resp: 44435

Ion Ratio Lower Upper

212 100

106 11.9 9.7 14.5

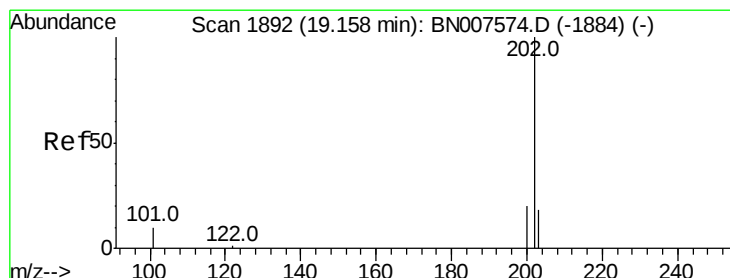
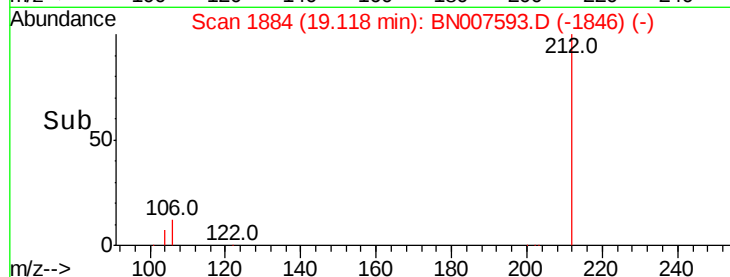
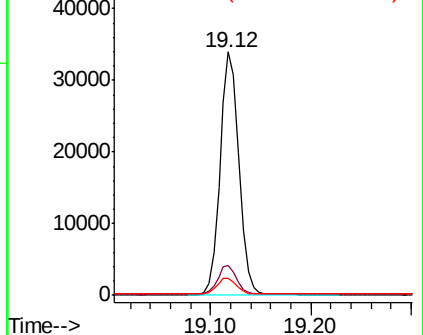
104 6.7 5.5 8.3



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: 0.426 ng

RT: 19.15 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

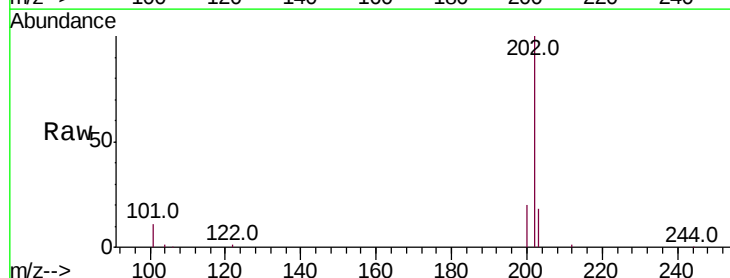
Tgt Ion:202 Resp: 51313

Ion Ratio Lower Upper

202 100

101 10.8 8.8 13.2

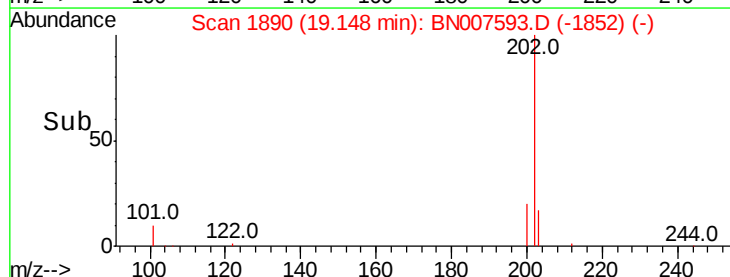
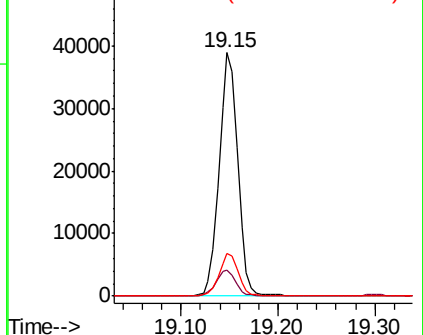
203 17.2 13.8 20.8

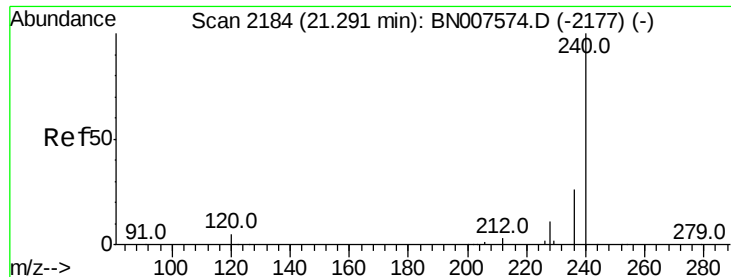


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

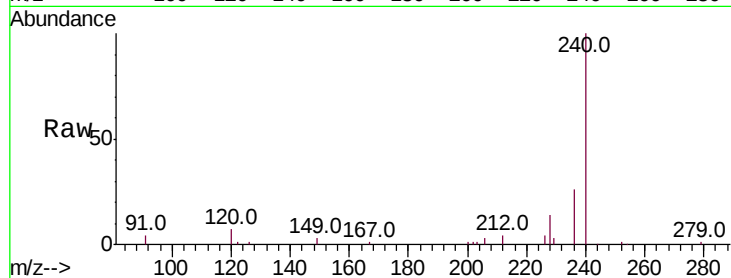




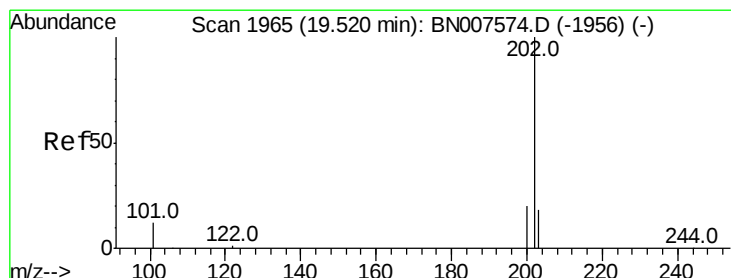
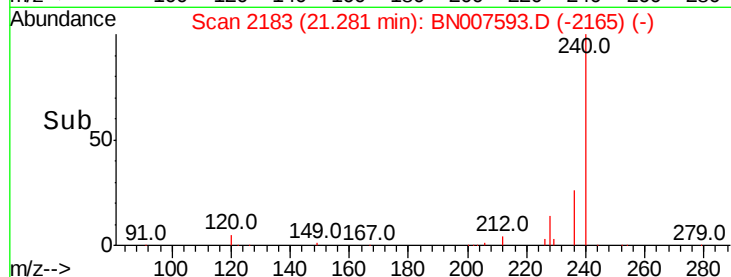
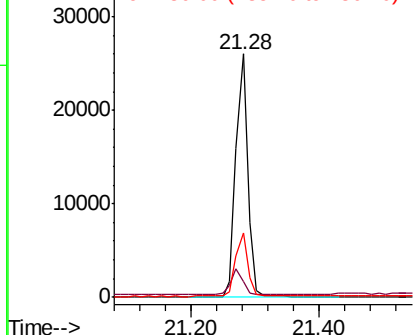
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN007593.D
Acq: 11 Sep 2019 18:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 33523
Ion Ratio Lower Upper
240 100
120 6.6 5.0 7.4
236 26.2 20.6 31.0

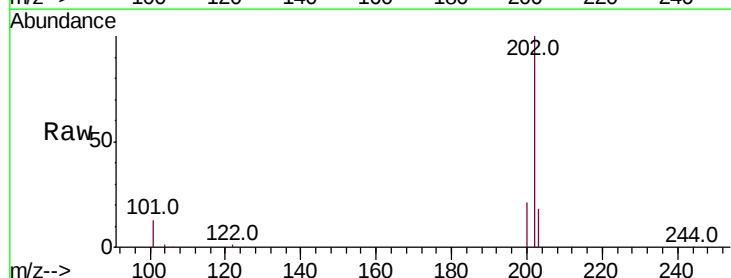


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

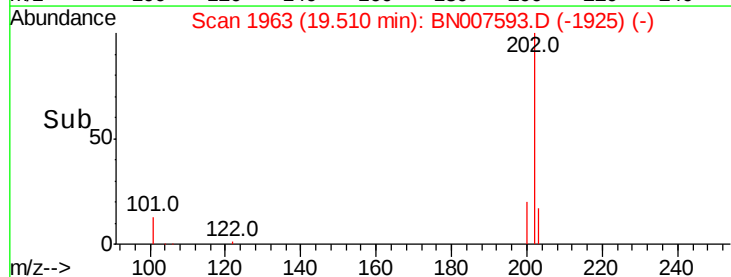
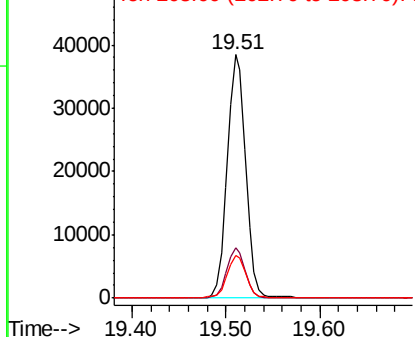


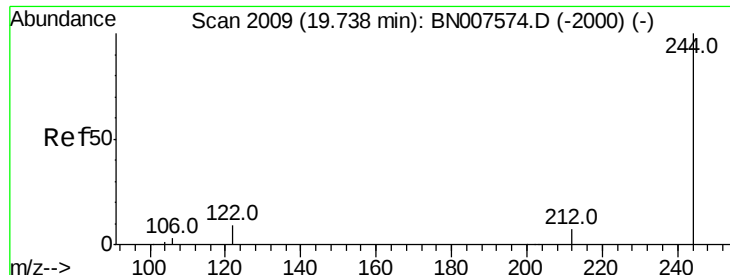
#28
Pyrene
Concen: 0.429 ng
RT: 19.51 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BN007593.D
Acq: 11 Sep 2019 18:15

Tgt Ion:202 Resp: 51664
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: 0.428 ng

RT: 19.73 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

Instrument :

BNA_N

ClientSampleId :

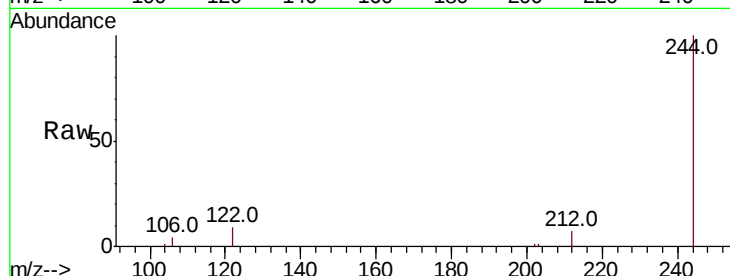
Tot Ion:244 Resp: 37292

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

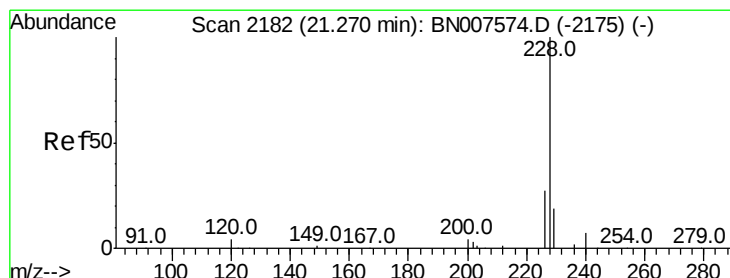
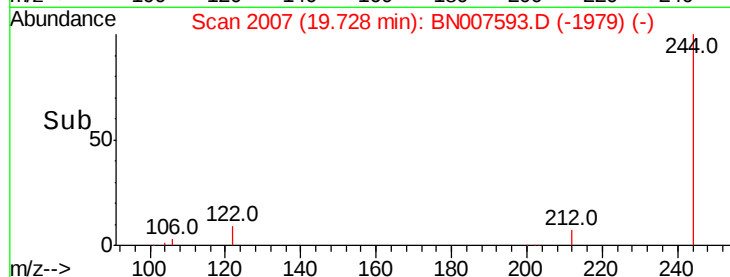
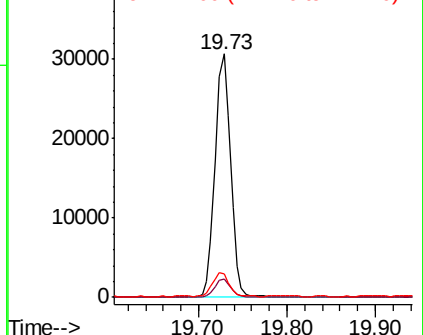
122 9.4 7.8 11.6



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: 0.430 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

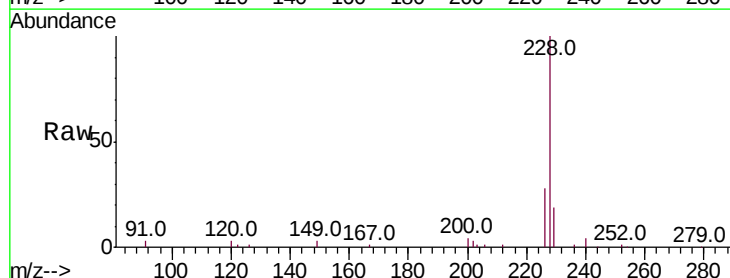
Tgt Ion:228 Resp: 51594

Ion Ratio Lower Upper

228 100

226 27.5 21.6 32.4

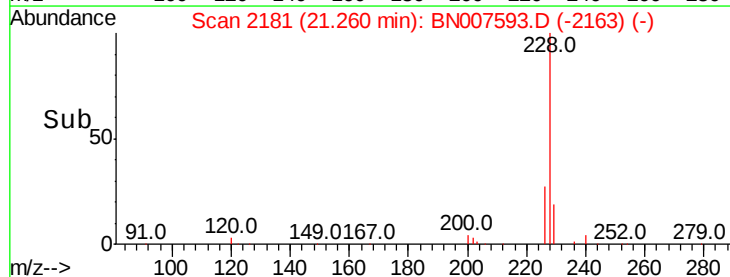
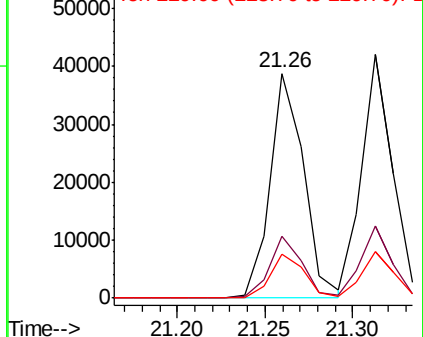
229 19.4 15.7 23.5

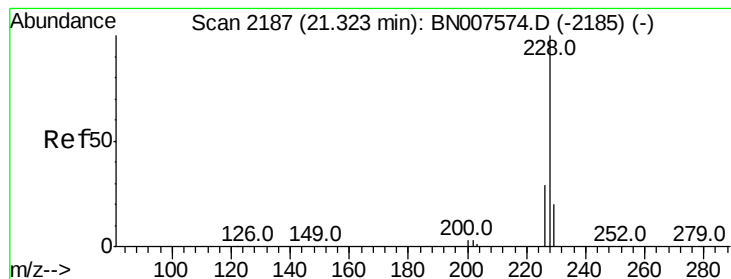


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.423 ng

RT: 21.31 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

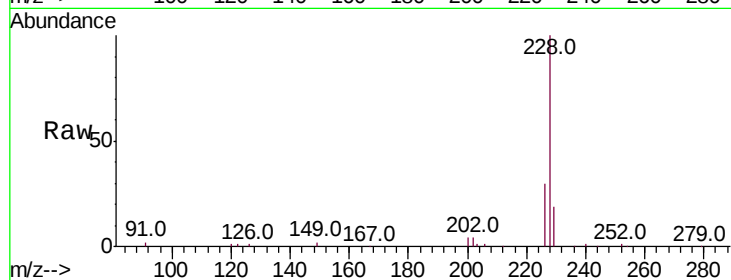
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 51599

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	19.2	15.7	23.5

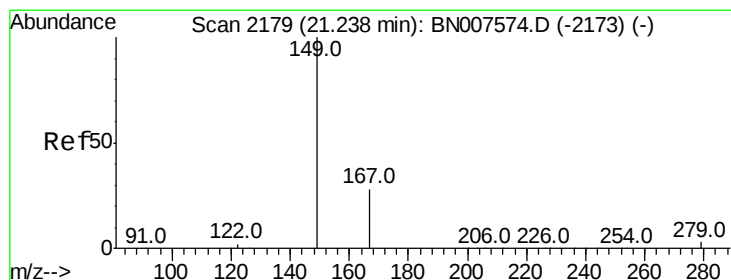
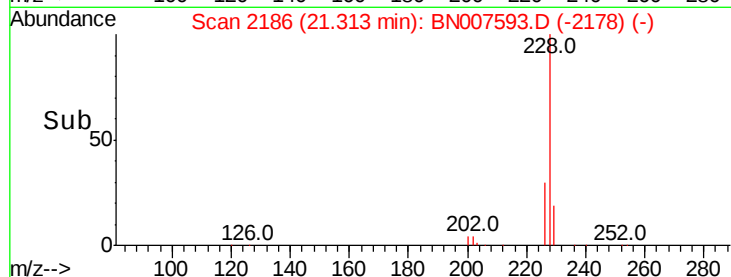
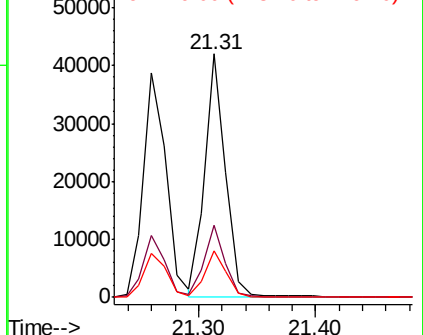


Abundance

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: 0.511 ng

RT: 21.22 min Scan# 2177

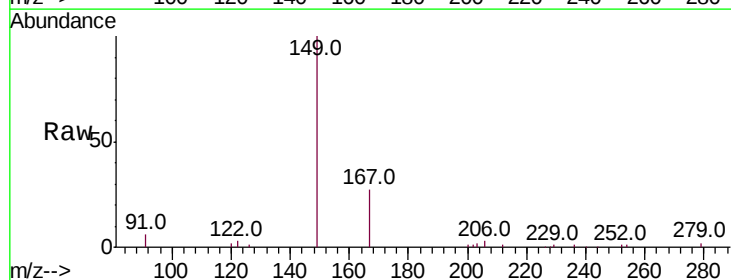
Delta R.T. -0.02 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

Tgt Ion:149 Resp: 20970

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.1	33.1
279	5.2	3.9	5.9

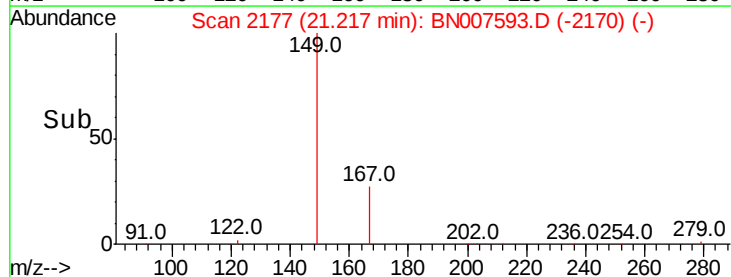
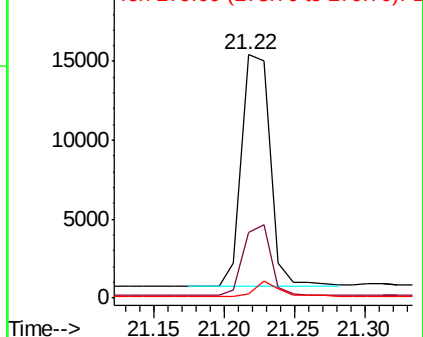


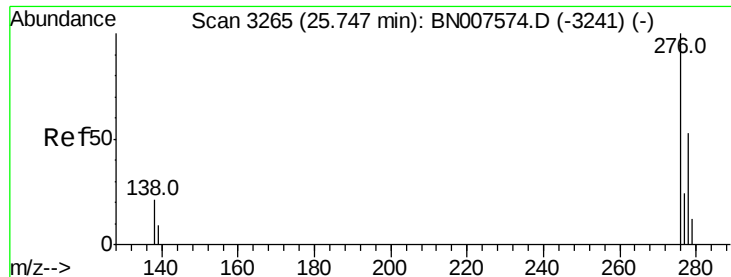
Abundance

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

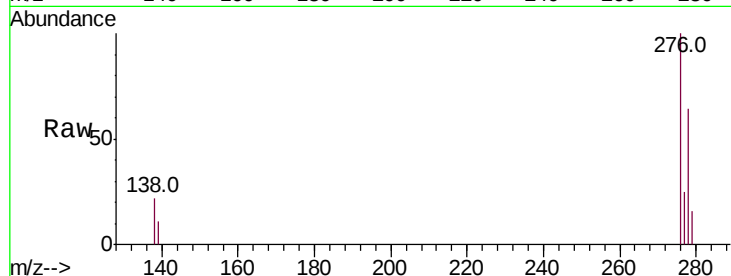




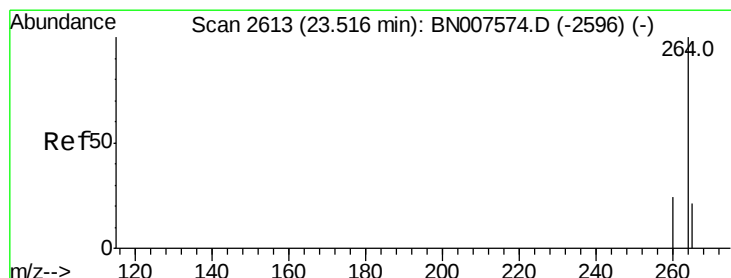
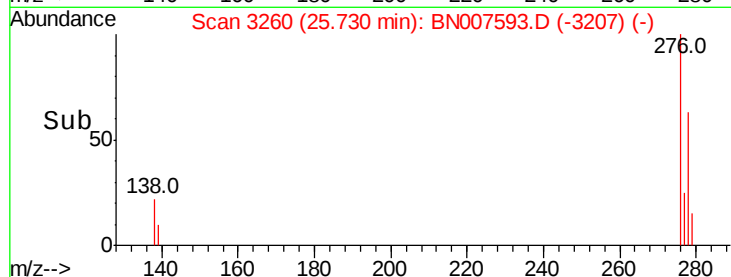
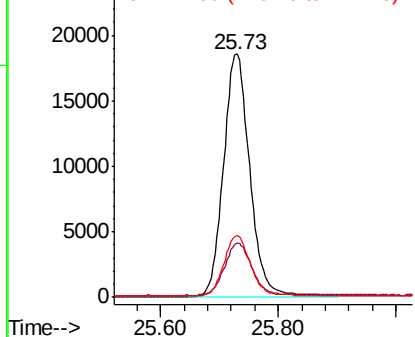
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.443 ng
 RT: 25.73 min Scan# 3260
 Delta R.T. -0.02 min
 Lab File: BN007593.D
 Acq: 11 Sep 2019 18:15

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 57045
 Ion Ratio Lower Upper
 276 100
 138 22.1 0.0 0.0#
 277 25.2 0.0 0.0#

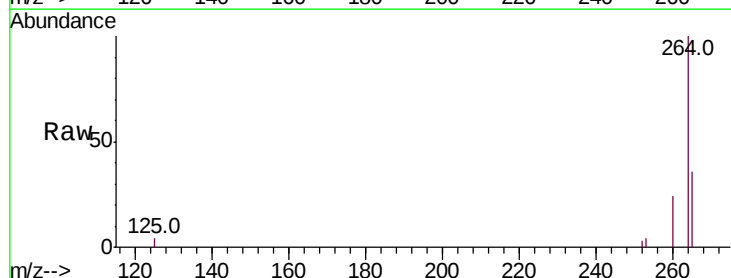


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

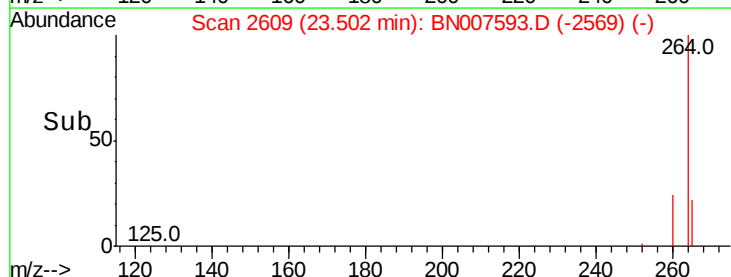
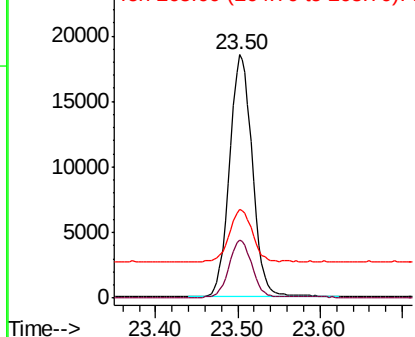


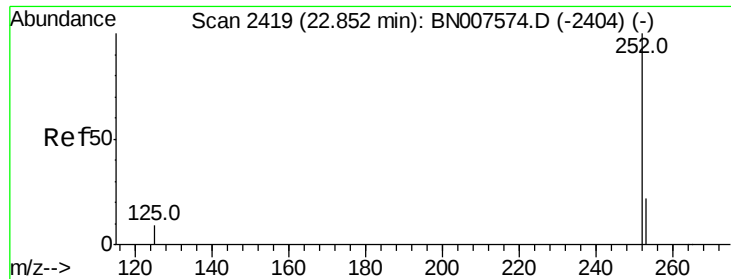
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BN007593.D
 Acq: 11 Sep 2019 18:15

Tgt Ion:264 Resp: 35657
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 36.3 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

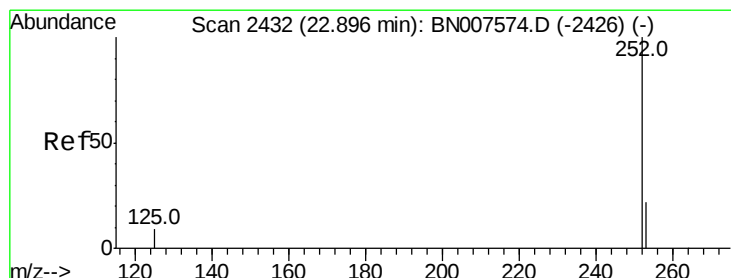
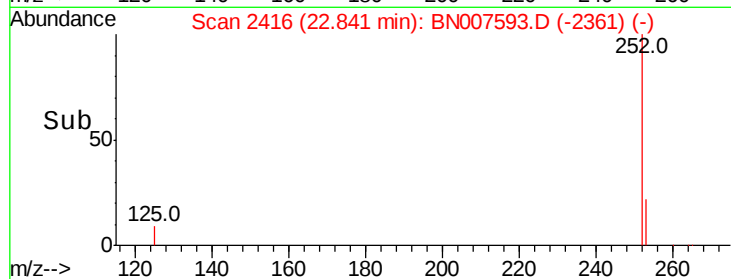
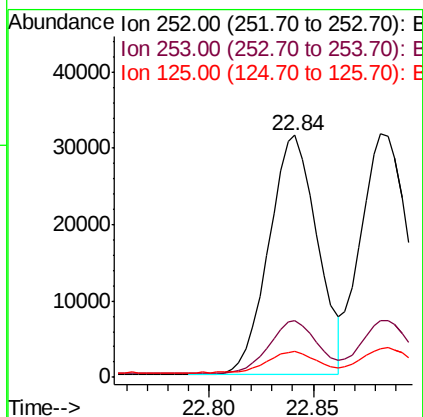
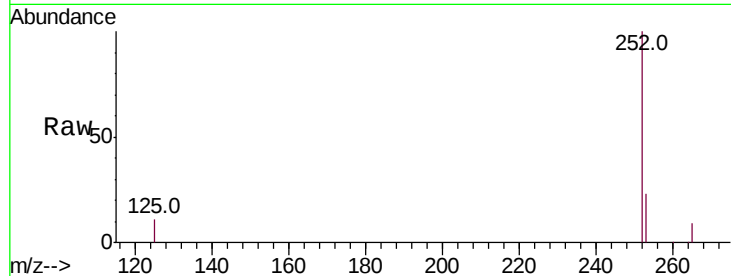




#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 22.84 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BN007593.D
Acq: 11 Sep 2019 18:15

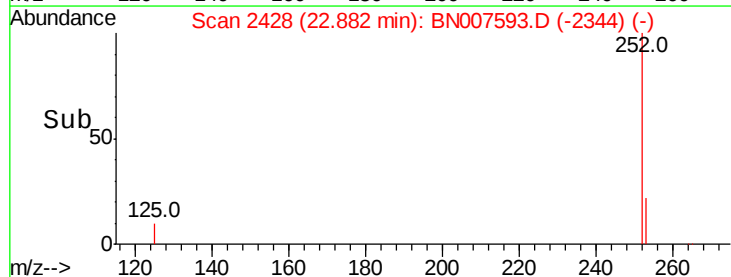
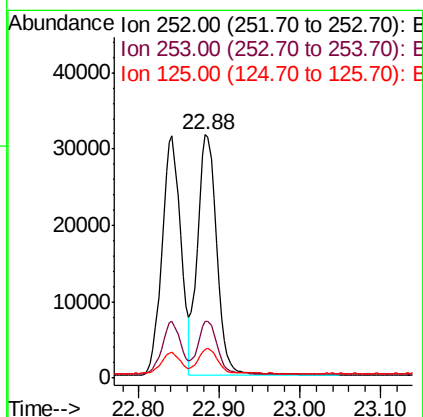
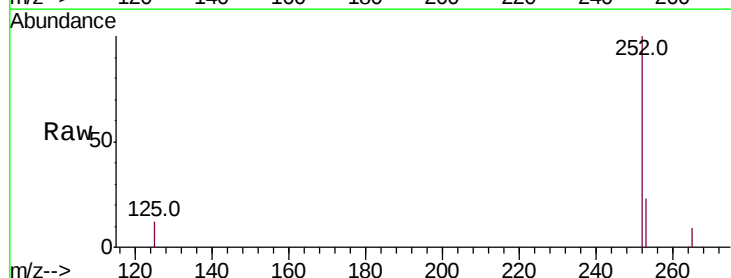
Instrument :
BNA_N
ClientSampleId :

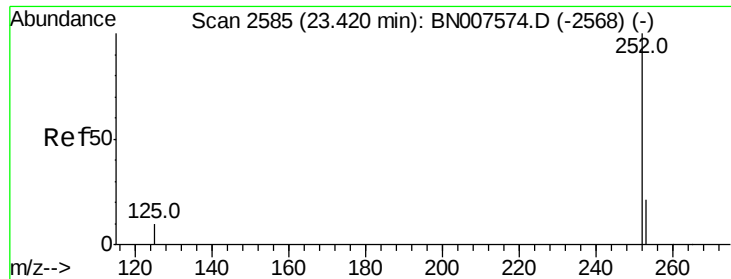
Tot Ion:252 Resp: 50766
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 10.6 8.2 12.2



#36
Benzo(k)fluoranthene
Concen: 0.416 ng
RT: 22.88 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BN007593.D
Acq: 11 Sep 2019 18:15

Tgt Ion:252 Resp: 52138
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 11.8 8.2 12.2





#37

Benzo(a)pyrene

Concen: 0.414 ng

RT: 23.41 min Scan# 2581

Delta R.T. -0.01 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

Instrument :

BNA_N

ClientSampleId :

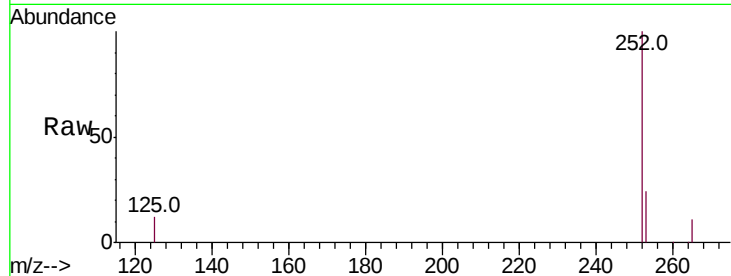
Tot Ion:252 Resp: 46690

Ion Ratio Lower Upper

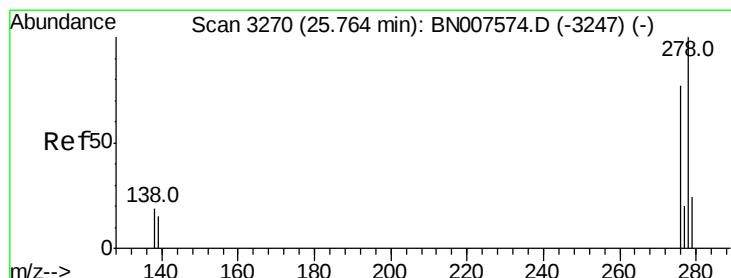
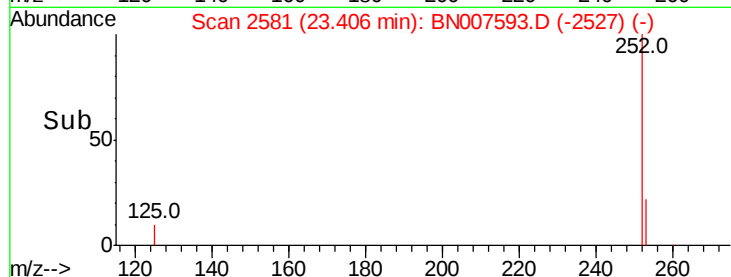
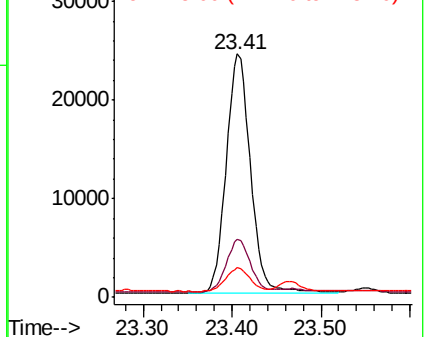
252 100

253 23.7 18.6 28.0

125 12.1 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: 0.419 ng

RT: 25.74 min Scan# 3264

Delta R.T. -0.02 min

Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

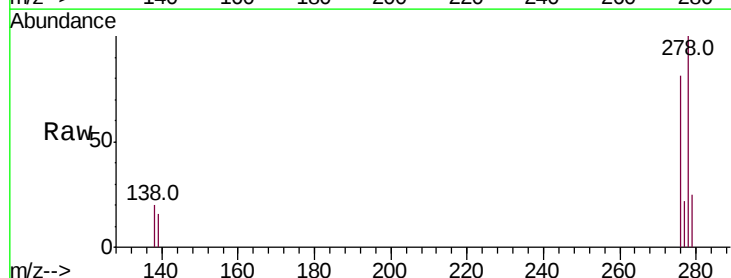
Tgt Ion:278 Resp: 47413

Ion Ratio Lower Upper

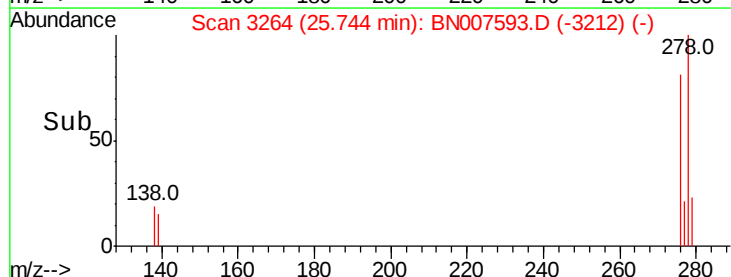
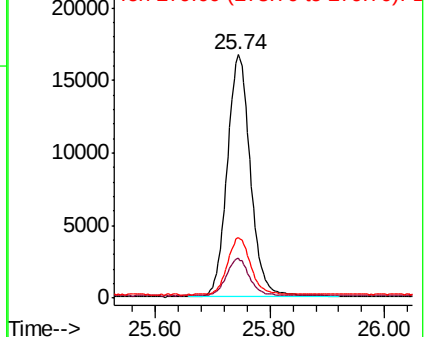
278 100

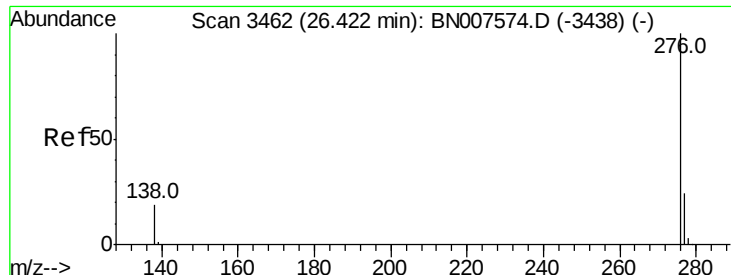
139 16.3 12.5 18.7

279 24.9 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: 0.406 ng

RT: 26.40 min Scan# 3455

Delta R.T. -0.02 min

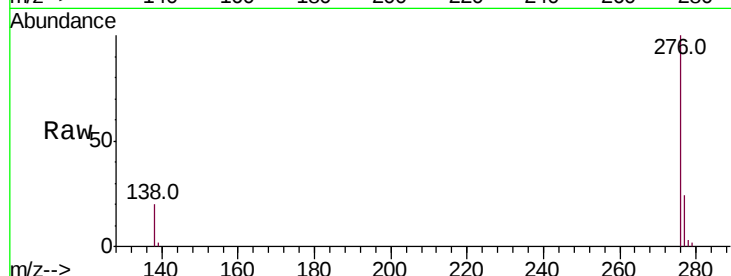
Lab File: BN007593.D

Acq: 11 Sep 2019 18:15

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 46525

Ion Ratio Lower Upper

276 100

277 24.3 19.7 29.5

138 19.7 15.9 23.9

Abundance Ion 276.00 (275.70 to 276.70): E
20000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

