

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090319\
 Data File : BN007531.D
 Acq On : 03 Sep 2019 10:28
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 03 13:36:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5922	0.40	ng	-0.02
7) Naphthalene-d8	10.14	136	27396	0.40	ng	-0.03
13) Acenaphthene-d10	14.03	164	16867	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	40650	0.40	ng	-0.01
27) Chrysene-d12	21.01	240	39066	0.40	ng	-0.01
34) Perylene-d12	23.11	264	38511	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	6645	0.32	ng	-0.02
5) Phenol-d6	6.58	99	8399	0.31	ng	0.00
8) Nitrobenzene-d5	8.53	82	7623	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	18404	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.55	330	2432	0.28	ng	-0.01
15) 2-Fluorobiphenyl	12.65	172	26093	0.38	ng	-0.01
25) Fluoranthene-d10	18.84	212	48232	0.37	ng	0.00
29) Terphenyl-d14	19.45	244	39684	0.39	ng	-0.01

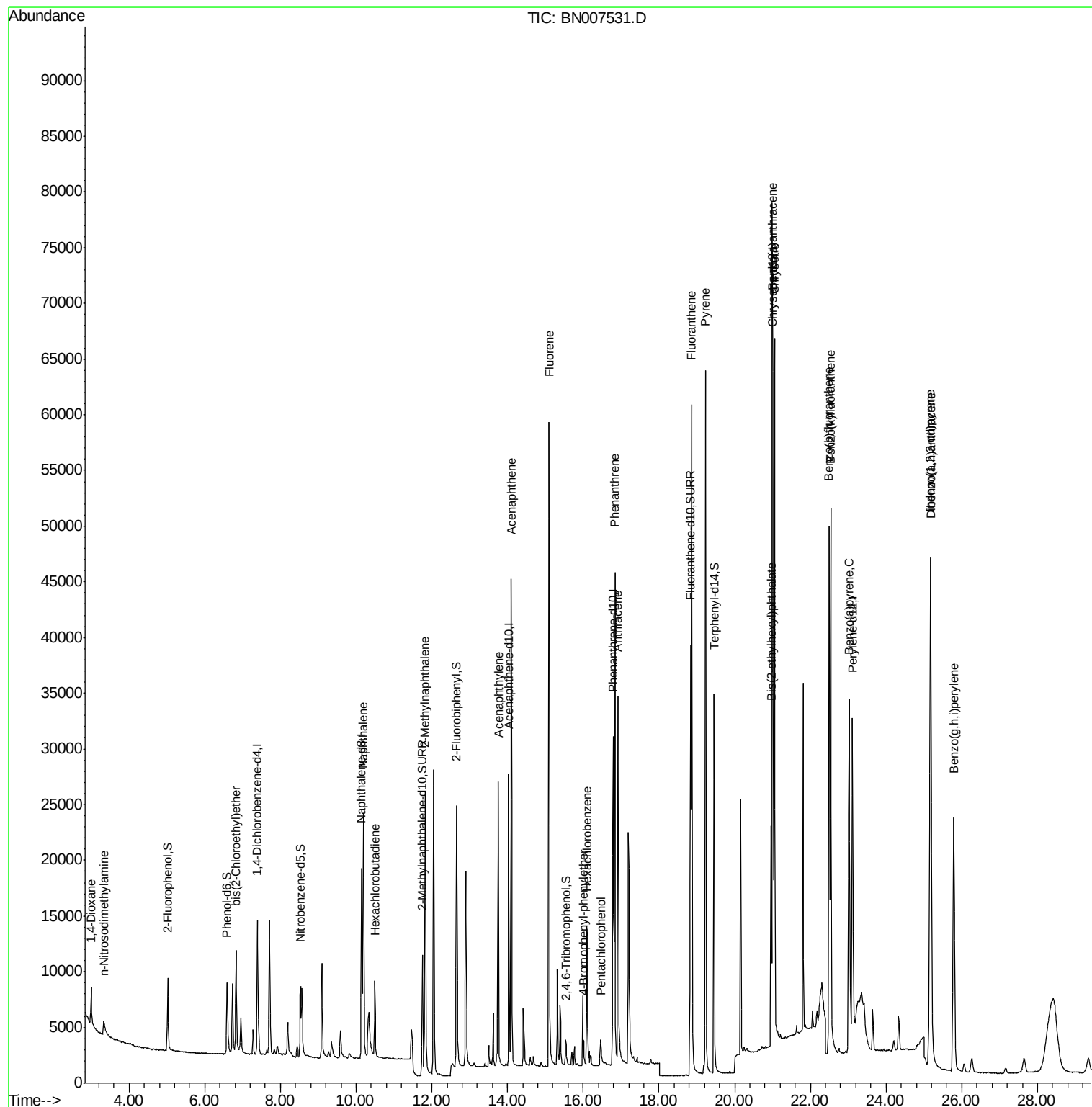
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	3838	0.390	ng	# 81
3) n-Nitrosodimethylamine	3.33	42	1218	0.266	ng	# 76
6) bis(2-Chloroethyl)ether	6.83	93	9162	0.428	ng	94
9) Naphthalene	10.19	128	30935	0.395	ng	# 90
10) Hexachlorobutadiene	10.49	225	5567	0.347	ng	# 99
12) 2-Methylnaphthalene	11.82	142	21763	0.408	ng	95
16) Acenaphthylene	13.75	152	31730	0.318	ng	99
17) Acenaphthene	14.10	154	22402	0.384	ng	98
18) Fluorene	15.10	166	29426	0.398	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	1191	0.074	ng	# 91
21) Hexachlorobenzene	16.11	284	10699	0.393	ng	97
22) Pentachlorophenol	16.46	266	2247	0.265	ng	# 64
23) Phenanthrene	16.83	178	49502	0.405	ng	99
24) Anthracene	16.92	178	42153	0.343	ng	99
26) Fluoranthene	18.87	202	59076	0.376	ng	98
28) Pyrene	19.23	202	60363	0.384	ng	99
30) Benzo(a)anthracene	21.00	228	53682	0.350	ng	99
31) Chrysene	21.05	228	59176	0.400	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	25810	0.241	ng	98
33) Indeno(1,2,3-cd)pyrene	25.17	276	57376	0.322	ng	96
35) Benzo(b)fluoranthene	22.49	252	54857	0.393	ng	# 96
36) Benzo(k)fluoranthene	22.54	252	59816	0.434	ng	99
37) Benzo(a)pyrene	23.02	252	48929	0.368	ng	# 95
38) Dibenzo(a,h)anthracene	25.18	278	45417	0.343	ng	97
39) Benzo(g,h,i)perylene	25.79	276	46990	0.356	ng	99

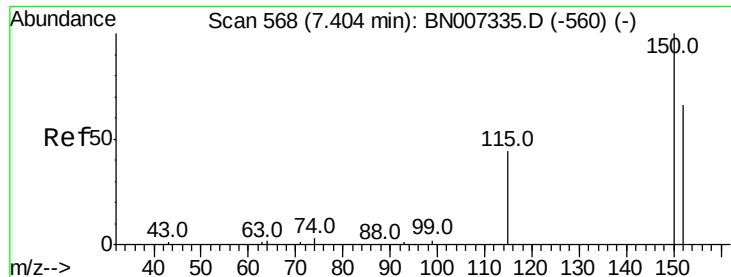
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 566

Delta R.T. -0.02 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

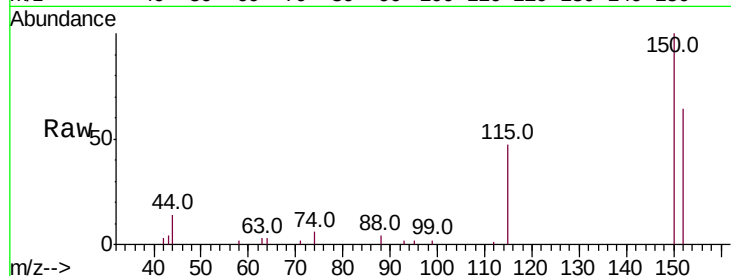
Tot Ion:152 Resp: 5922

Ion Ratio Lower Upper

152 100

150 156.6 109.1 163.7

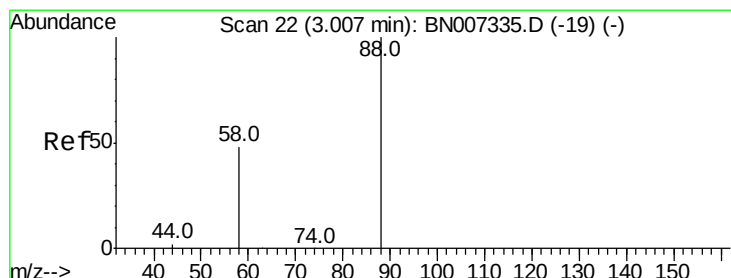
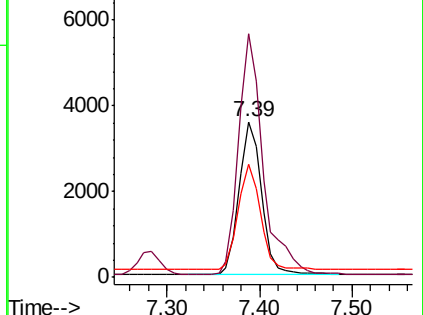
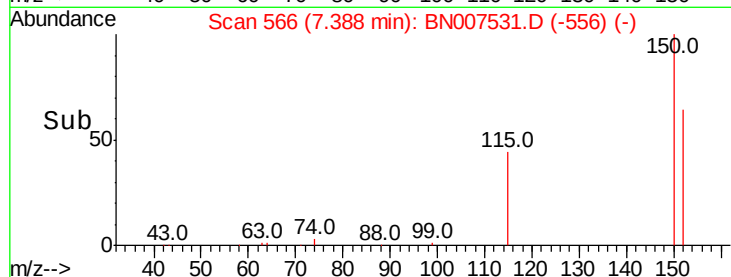
115 72.9 59.6 89.4



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: 0.390 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

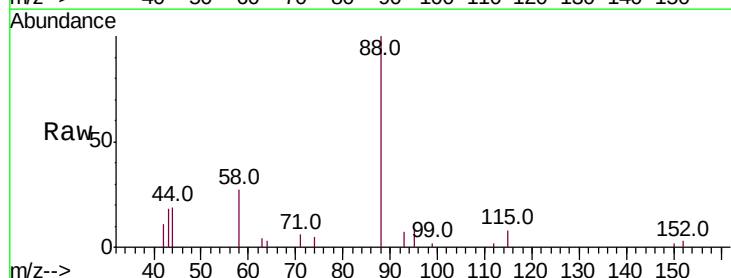
Tgt Ion: 88 Resp: 3838

Ion Ratio Lower Upper

88 100

58 48.2 50.5 75.7#

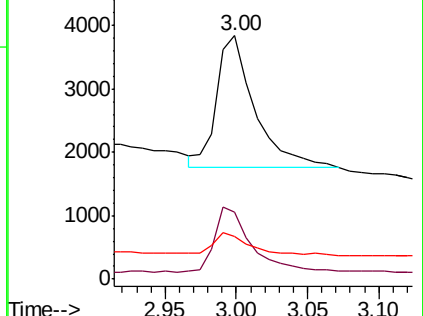
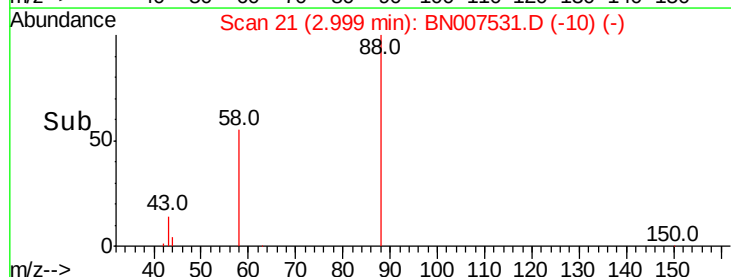
43 16.0 0.0 0.0#

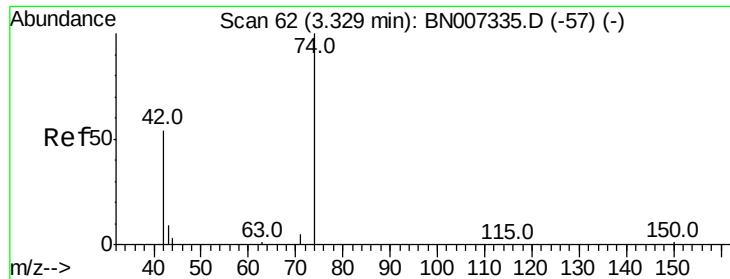


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.266 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

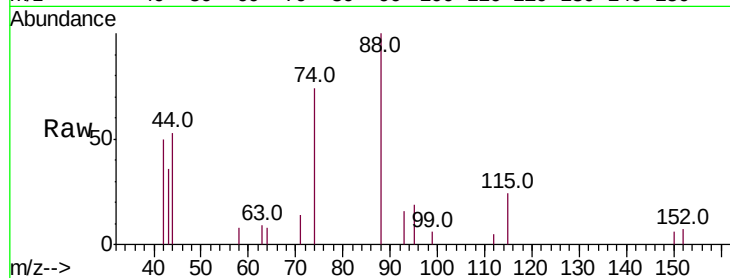
Tot Ion: 42 Resp: 1218

Ion Ratio Lower Upper

42 100

74 215.8 144.7 217.1

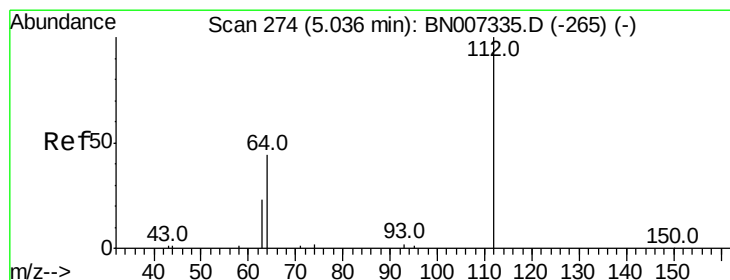
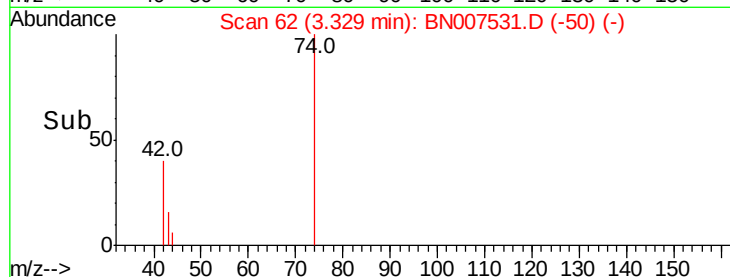
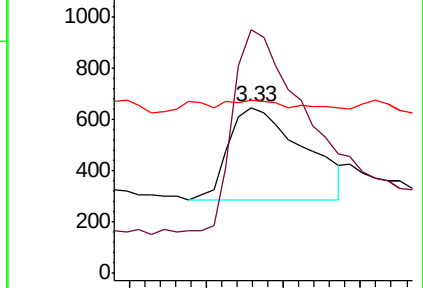
44 8.3 3.2 4.8#



Abundance Ion 42.00 (41.70 to 42.70): BN007531.D (-57) (-)

Ion 74.00 (73.70 to 74.70): BN007531.D (-57) (-)

Ion 44.00 (43.70 to 44.70): BN007531.D (-57) (-)



#4

2-Fluorophenol

Concen: 0.317 ng

RT: 5.02 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

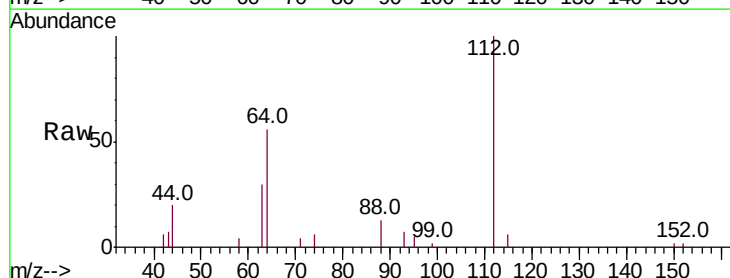
Tgt Ion: 112 Resp: 6645

Ion Ratio Lower Upper

112 100

64 54.9 42.3 63.5

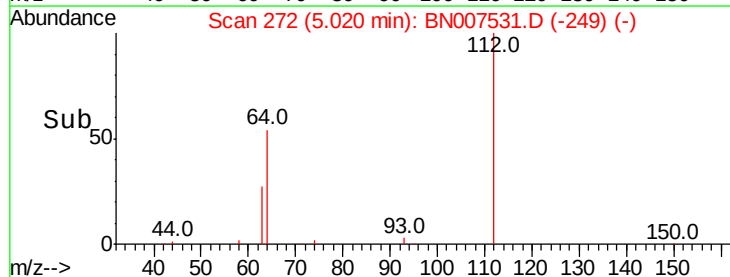
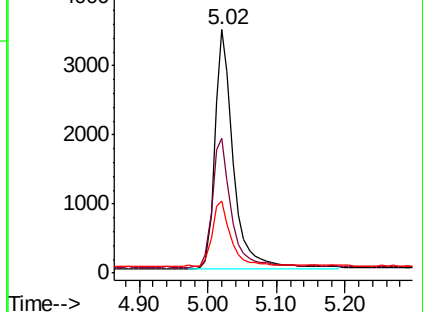
63 28.5 23.6 35.4

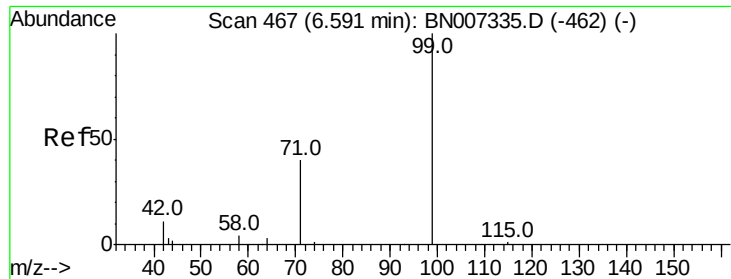


Abundance Ion 112.00 (111.70 to 112.70): BN007531.D (-249) (-)

Ion 64.00 (63.70 to 64.70): BN007531.D (-249) (-)

Ion 63.00 (62.70 to 63.70): BN007531.D (-249) (-)





#5

Phenol-d6

Concen: 0.315 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

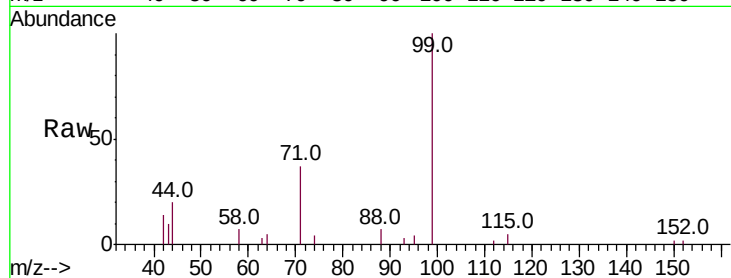
Tot Ion: 99 Resp: 8399

Ion Ratio Lower Upper

99 100

42 10.6 11.2 16.8#

71 33.9 31.8 47.8



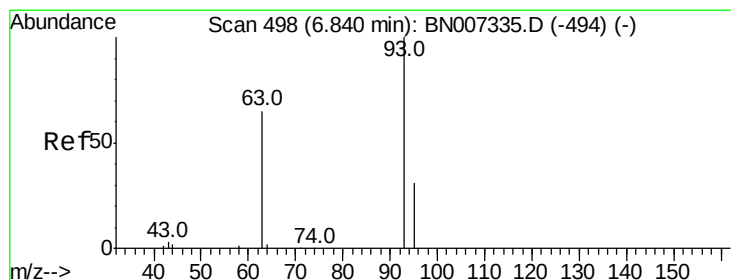
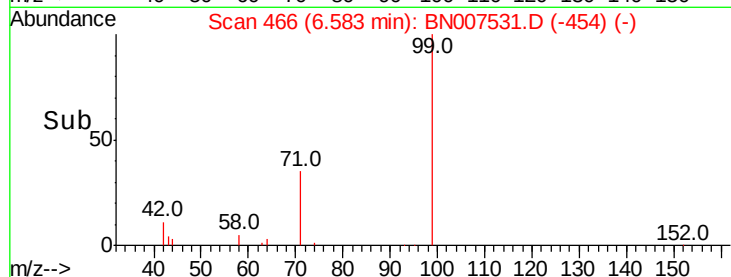
Abundance Ion 99.00 (98.70 to 99.70): BN007531.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007531.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007531.D (-462) (-)

6.58

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.428 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

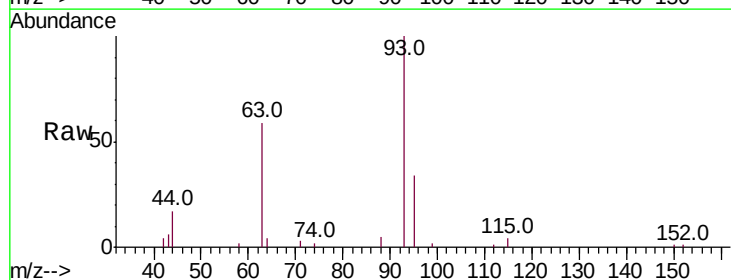
Tgt Ion: 93 Resp: 9162

Ion Ratio Lower Upper

93 100

63 60.4 51.9 77.9

95 31.0 27.7 41.5



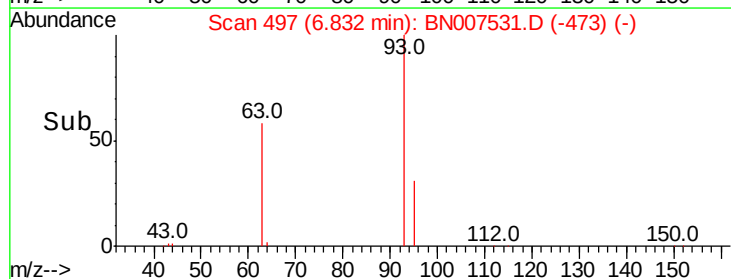
Abundance Ion 93.00 (92.70 to 93.70): BN007531.D (-494) (-)

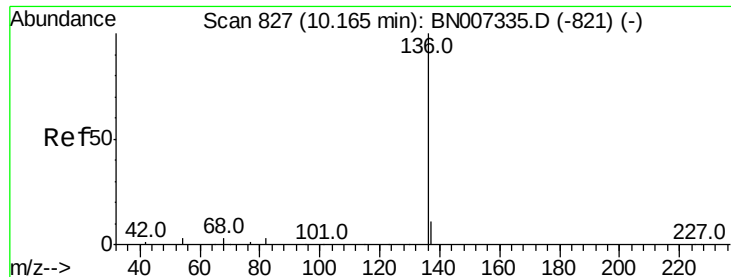
Ion 63.00 (62.70 to 63.70): BN007531.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007531.D (-494) (-)

6.83

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. -0.03 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 27396

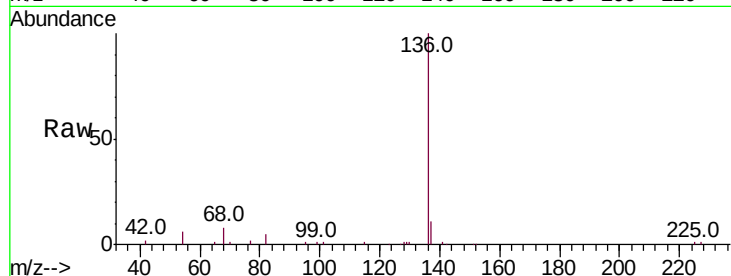
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 6.2 8.6 12.8#

68 7.7 17.0 25.4#

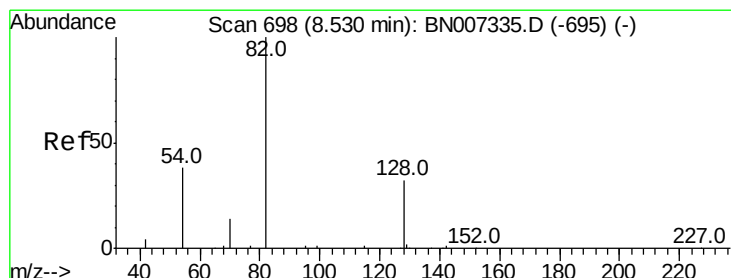
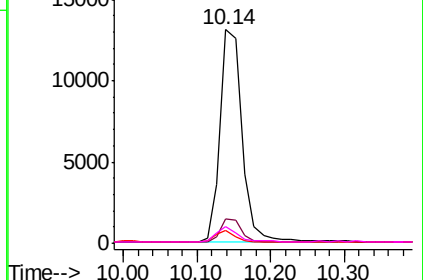
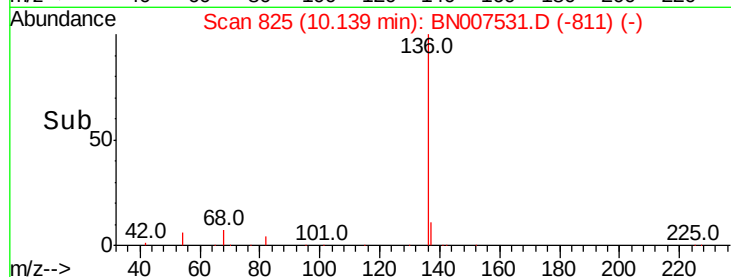


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.320 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

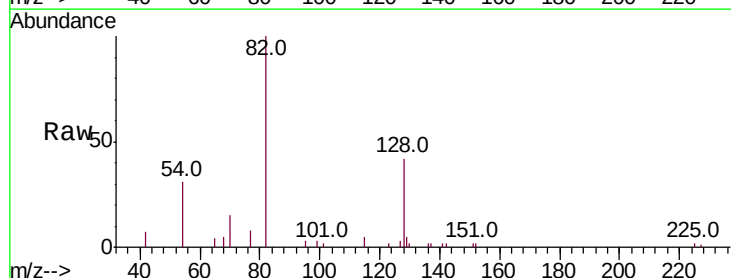
Tgt Ion: 82 Resp: 7623

Ion Ratio Lower Upper

82 100

128 42.1 19.7 29.5#

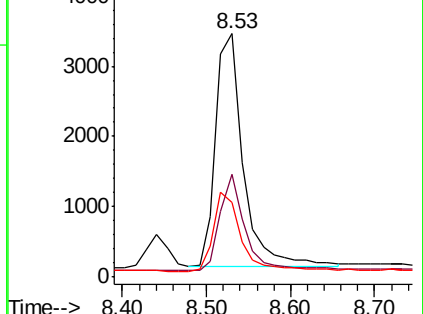
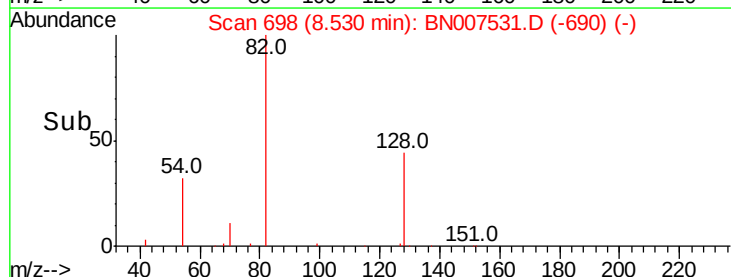
54 30.9 25.8 38.6

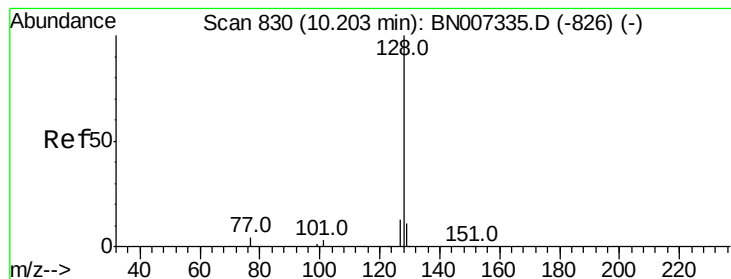


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.395 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

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ClientSampleId :

SSTDCCC0.4

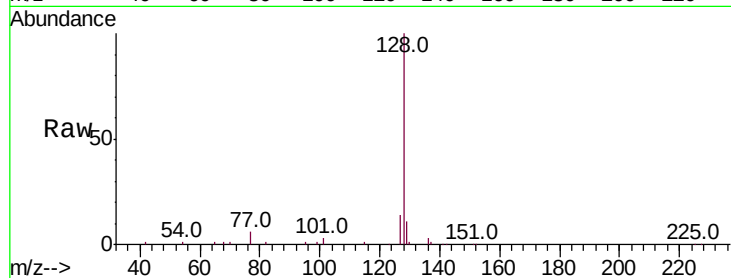
Tot Ion:128 Resp: 30935

Ion Ratio Lower Upper

128 100

129 11.5 11.1 16.7

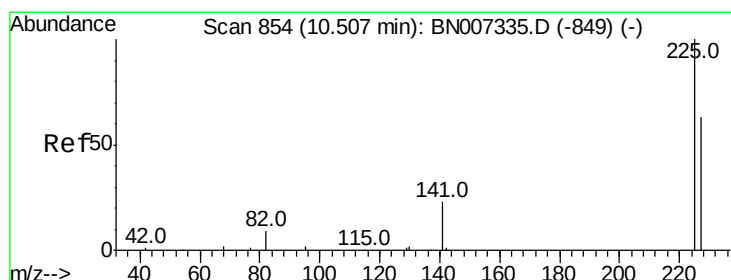
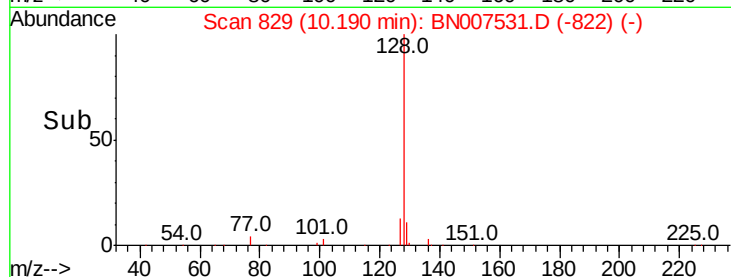
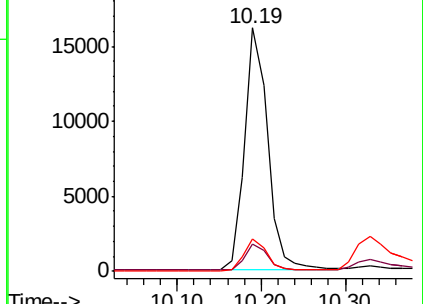
127 13.5 15.5 23.3#



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: 0.347 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

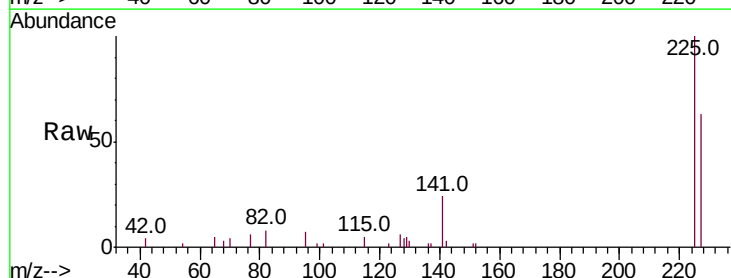
Tgt Ion:225 Resp: 5567

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

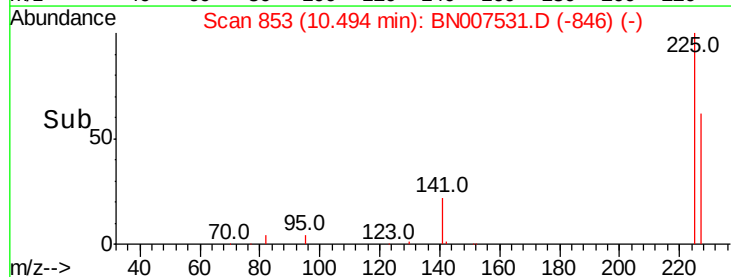
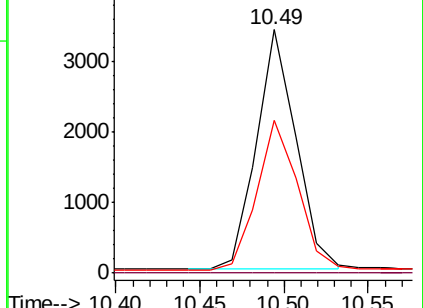
227 63.9 50.7 76.1

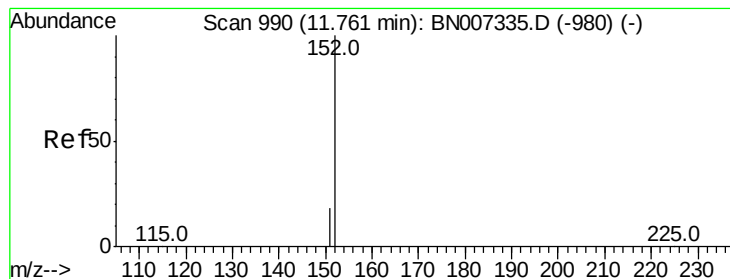


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

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ClientSampleId :

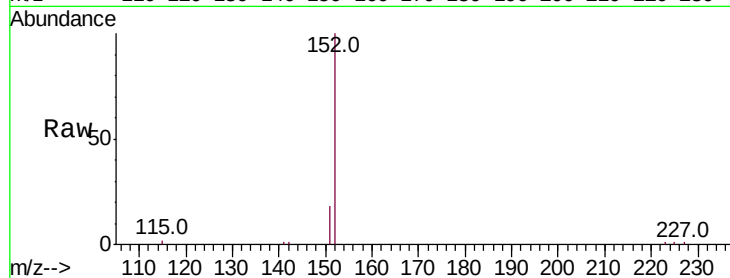
SSTDCCC0.4

Tot Ion:152 Resp: 18404

Ion Ratio Lower Upper

152 100

151 18.8 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.75

10000

8000

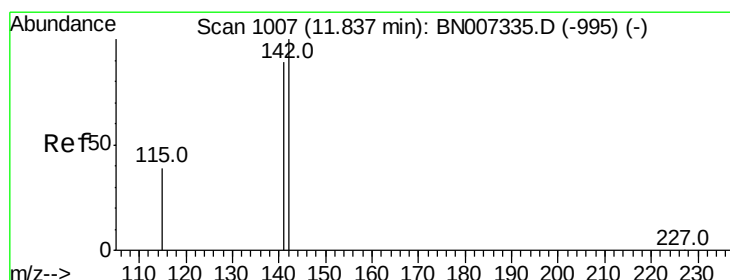
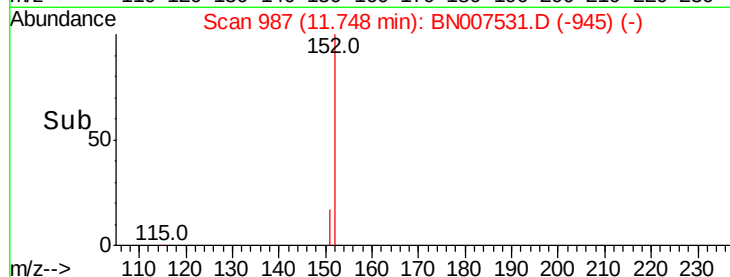
6000

4000

2000

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

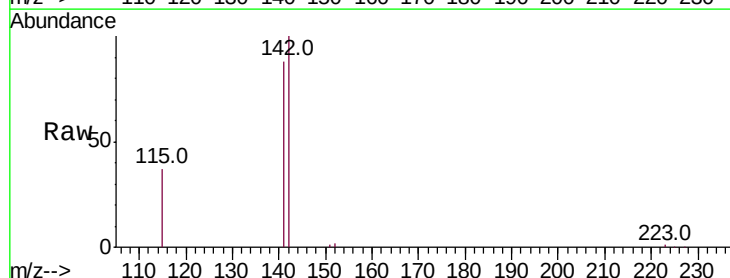
Tgt Ion:142 Resp: 21763

Ion Ratio Lower Upper

142 100

141 88.4 72.8 109.2

115 37.3 35.2 52.8



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

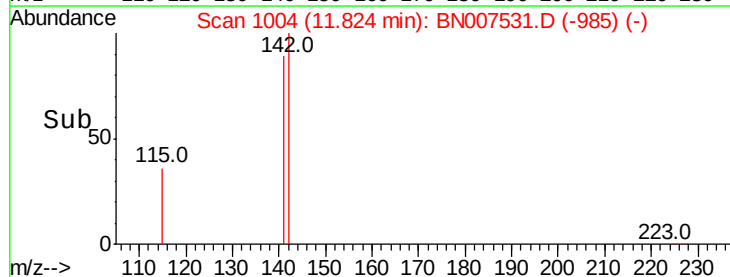
15000

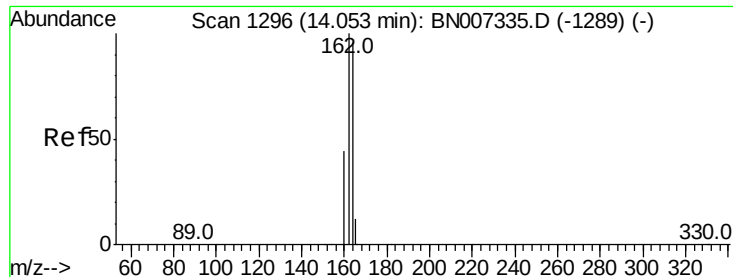
10000

5000

0

Time--> 11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

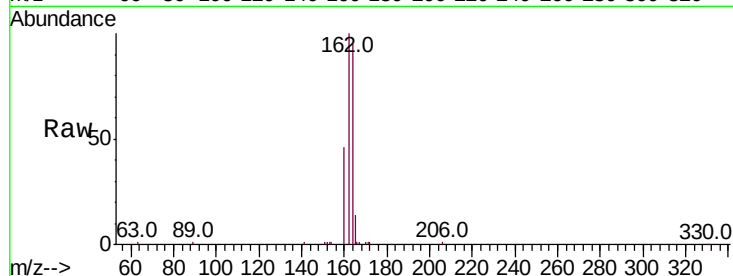
Tot Ion:164 Resp: 16867

Ion Ratio Lower Upper

164 100

162 105.8 83.5 125.3

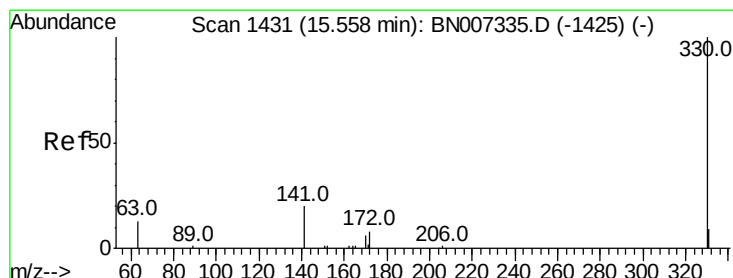
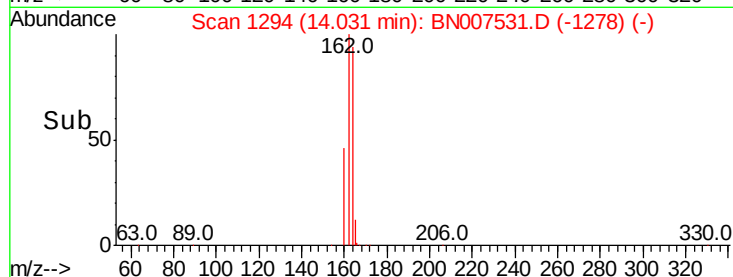
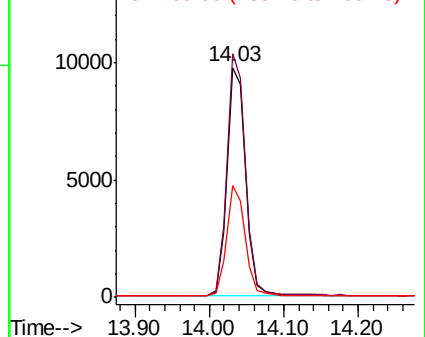
160 48.6 38.2 57.4



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: 0.276 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

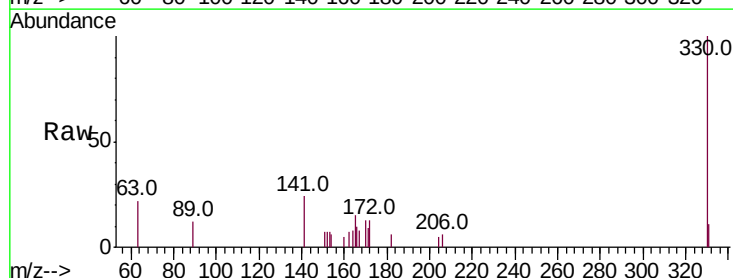
Tgt Ion:330 Resp: 2432

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

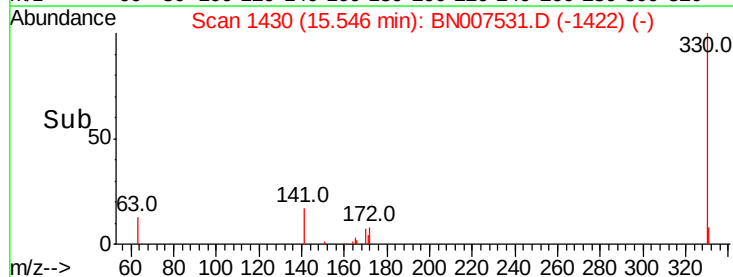
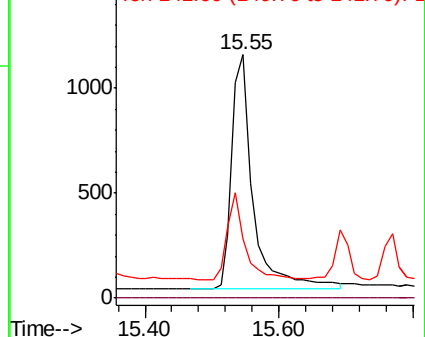
141 30.9 26.9 40.3

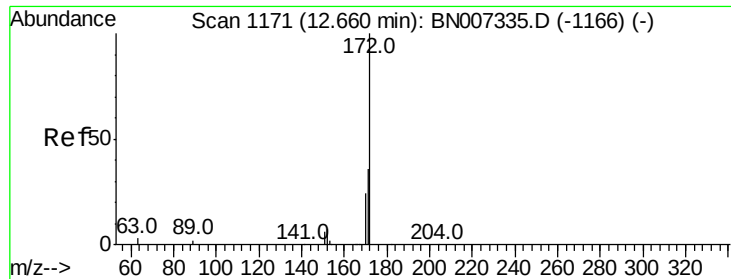


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

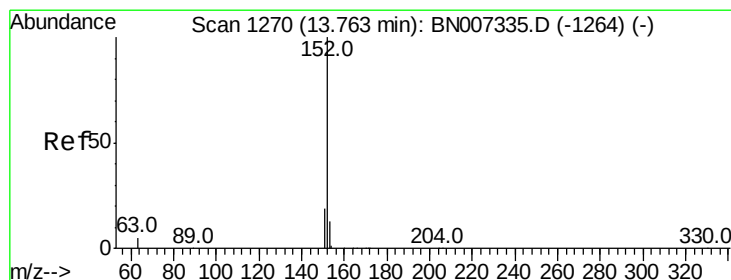
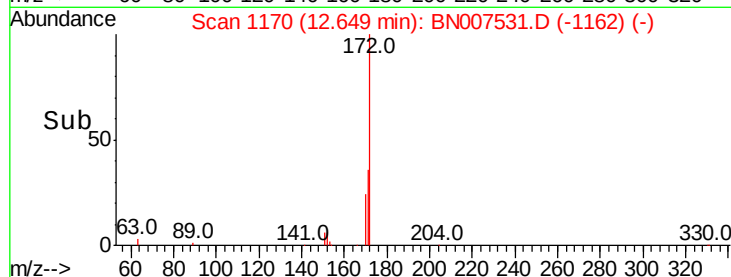
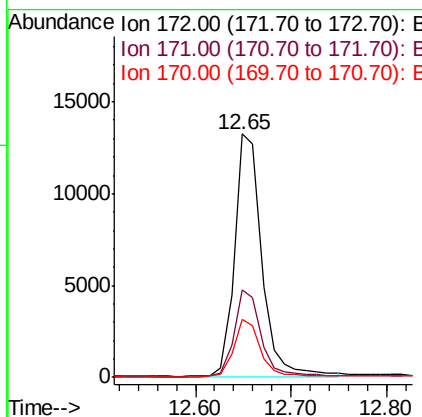
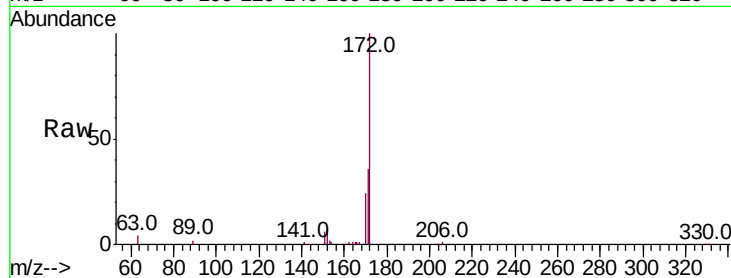




#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.65 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BN007531.D
Acq: 03 Sep 2019 10:28

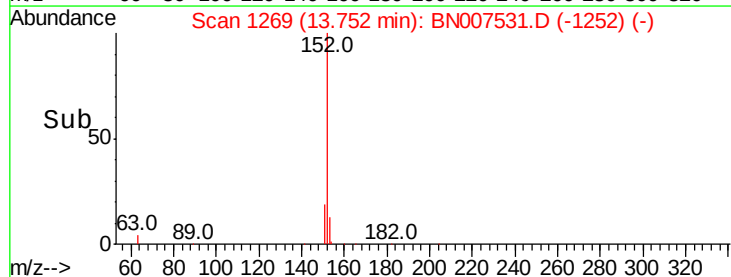
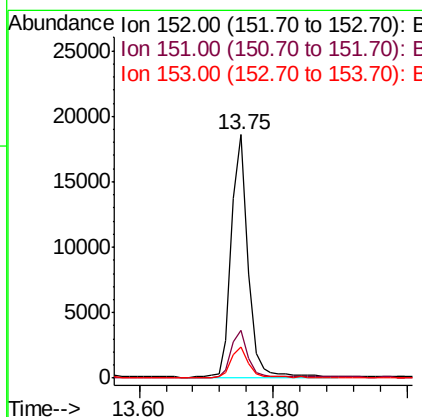
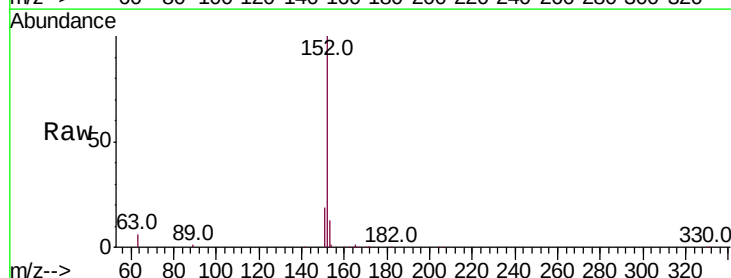
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

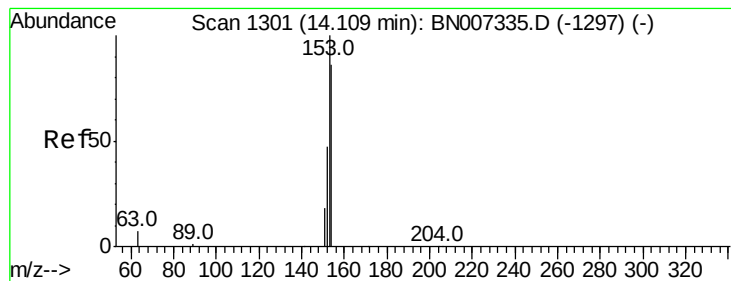
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.3	45.5
170	24.0	20.7	31.1



#16
Acenaphthylene
Concen: 0.318 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN007531.D
Acq: 03 Sep 2019 10:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.1	24.1
153	12.9	10.6	15.8





#17

Acenaphthene

Concen: 0.384 ng

RT: 14.10 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

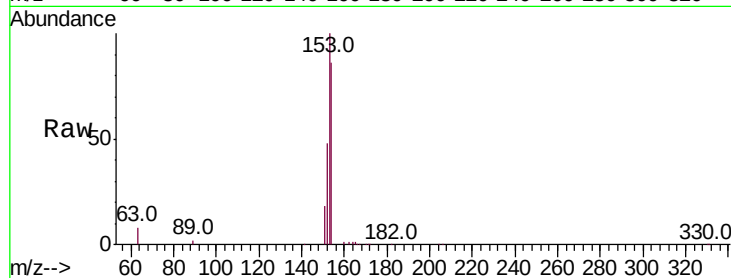
Tot Ion:154 Resp: 22402

Ion Ratio Lower Upper

154 100

153 113.4 92.8 139.2

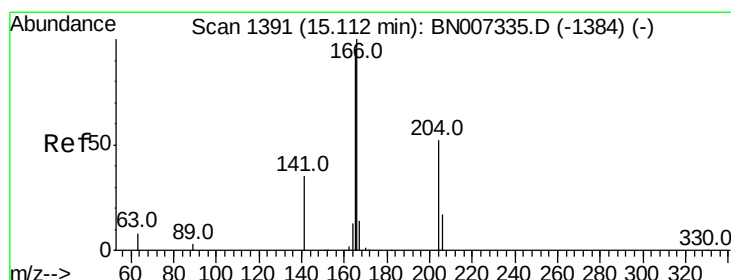
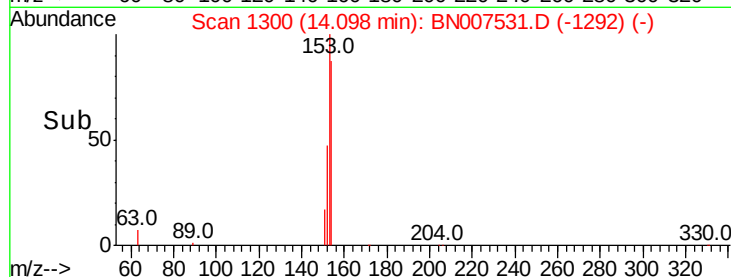
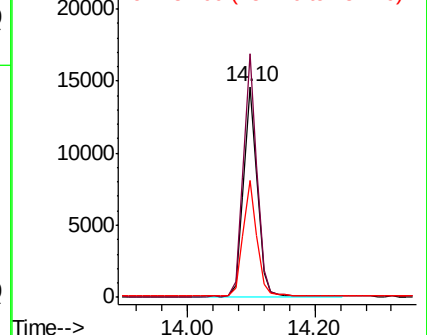
152 54.1 43.8 65.8



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: 0.398 ng

RT: 15.10 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

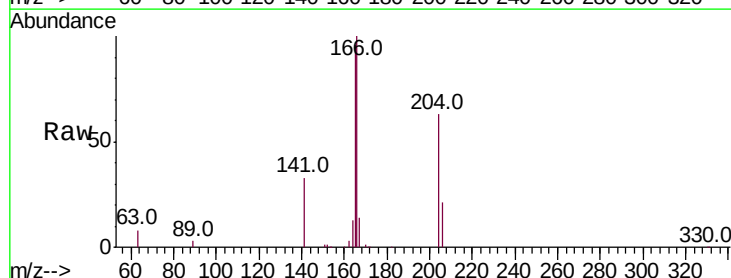
Tgt Ion:166 Resp: 29426

Ion Ratio Lower Upper

166 100

165 97.9 79.0 118.4

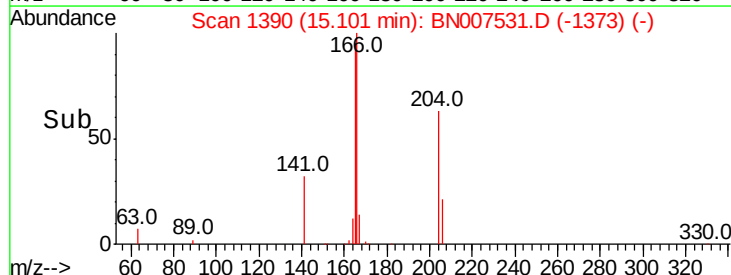
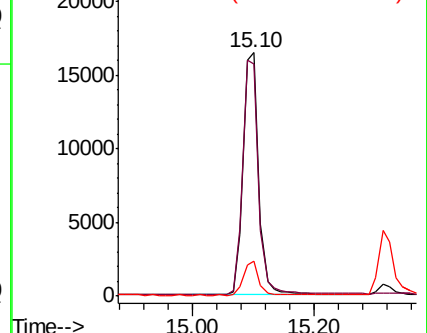
167 13.5 10.6 15.8

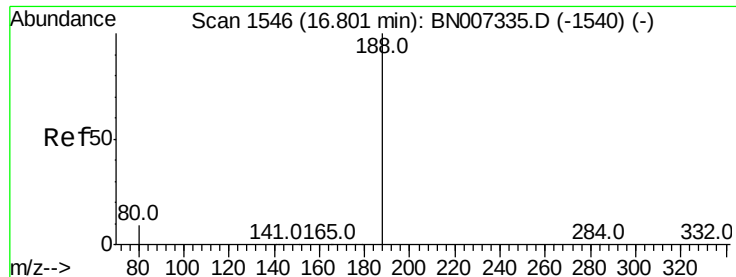


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.79 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

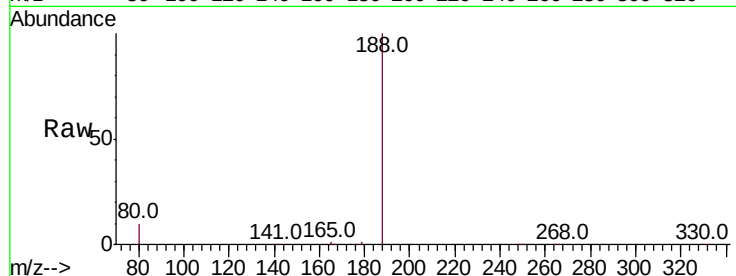
Tot Ion:188 Resp: 40650

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

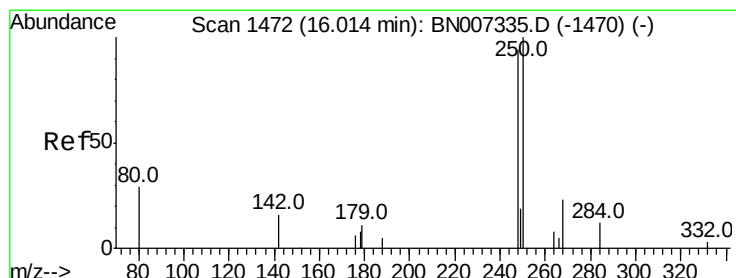
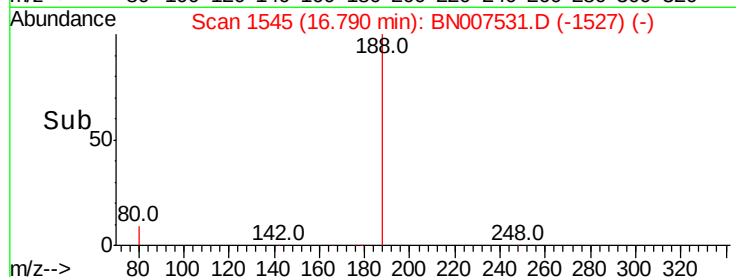
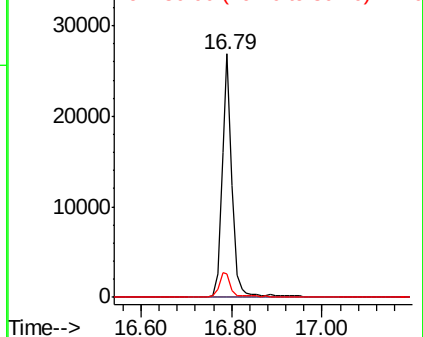
80 9.7 11.8 17.8#



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: 0.074 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

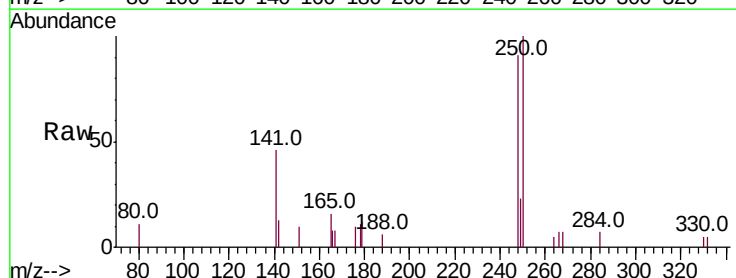
Tgt Ion:248 Resp: 1191

Ion Ratio Lower Upper

248 100

250 110.5 85.0 127.6

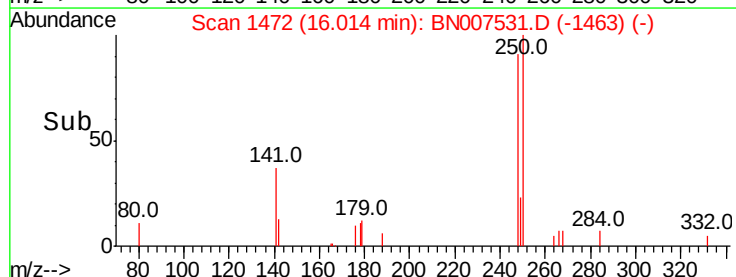
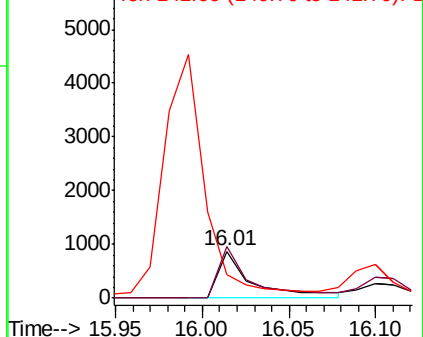
141 50.5 51.7 77.5#

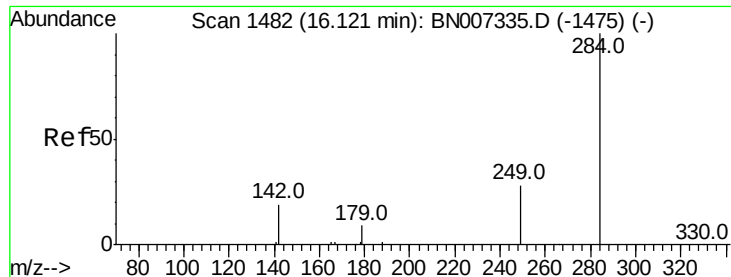


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

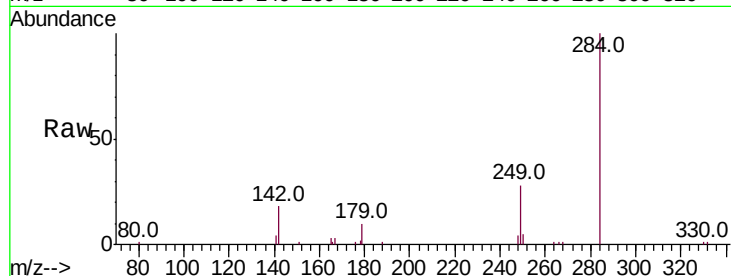




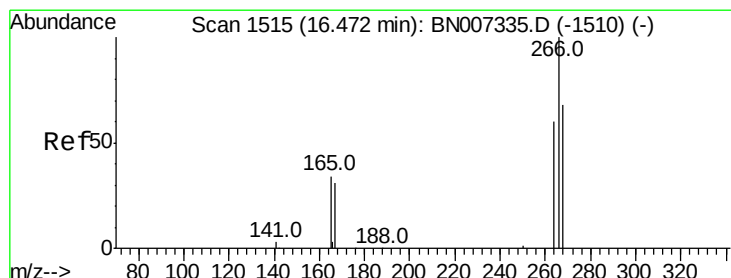
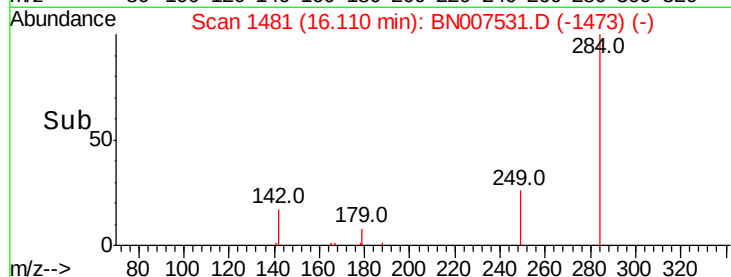
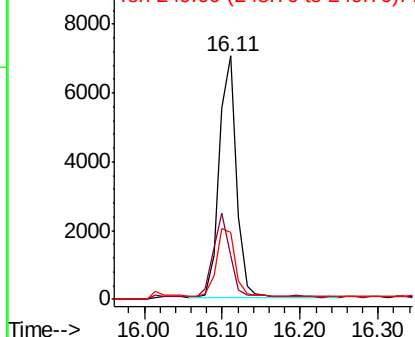
#21
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.11 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN007531.D
Acq: 03 Sep 2019 10:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 10699
Ion Ratio Lower Upper
284 100
142 33.5 29.0 43.6
249 30.3 24.9 37.3

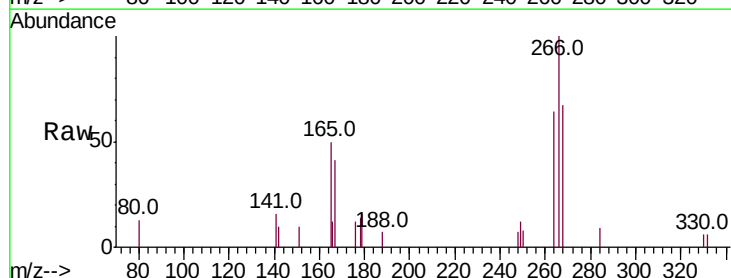


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

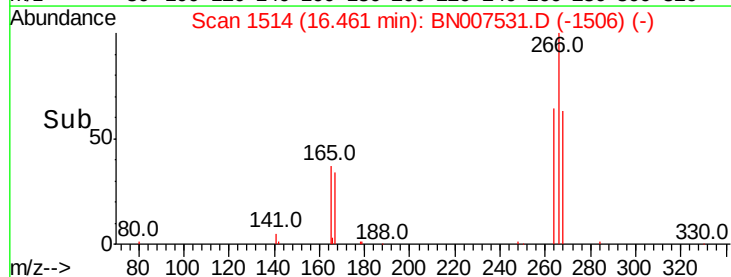
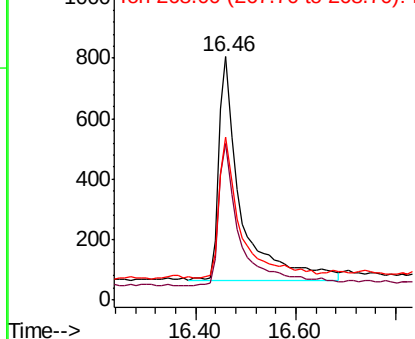


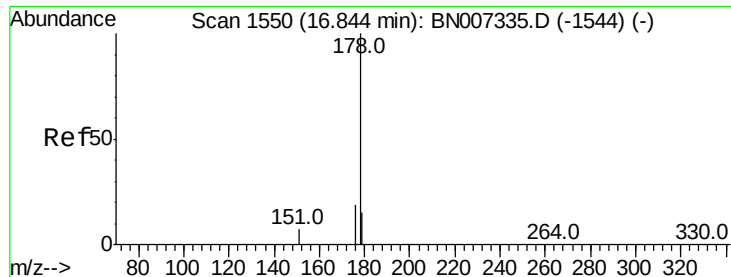
#22
Pentachlorophenol
Concen: 0.265 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN007531.D
Acq: 03 Sep 2019 10:28

Tgt Ion:266 Resp: 2247
Ion Ratio Lower Upper
266 100
264 64.3 57.8 86.8
268 66.7 99.7 149.5#



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: 0.405 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

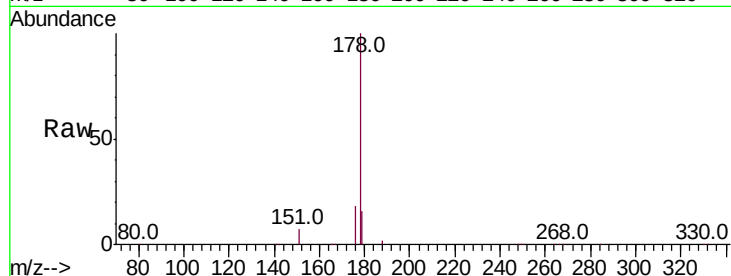
Tot Ion:178 Resp: 49502

Ion Ratio Lower Upper

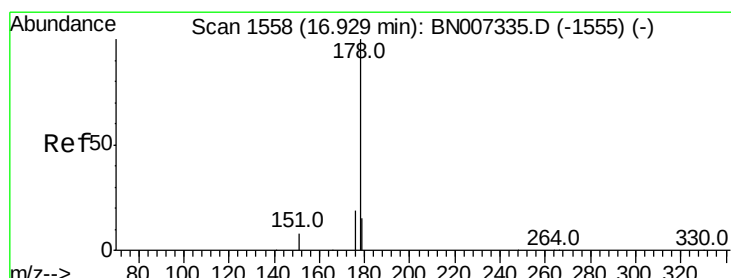
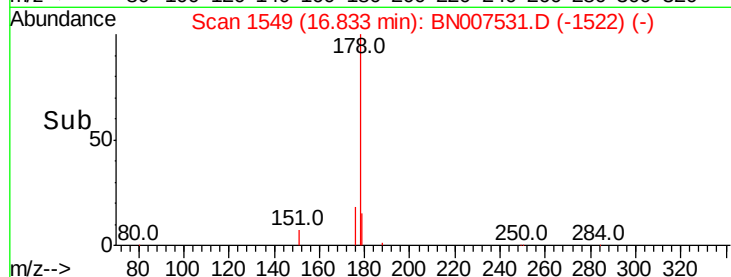
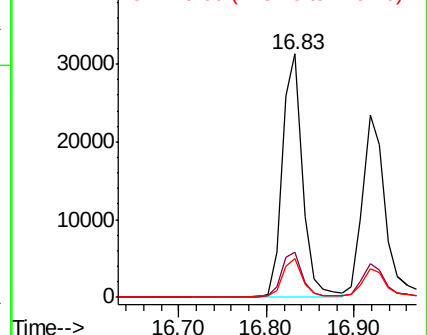
178 100

176 18.8 15.3 22.9

179 15.5 12.6 19.0



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: 0.343 ng

RT: 16.92 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

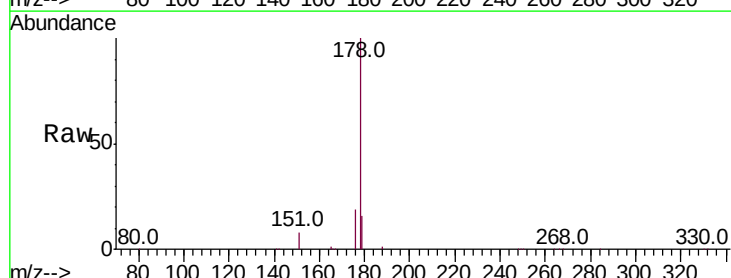
Tgt Ion:178 Resp: 42153

Ion Ratio Lower Upper

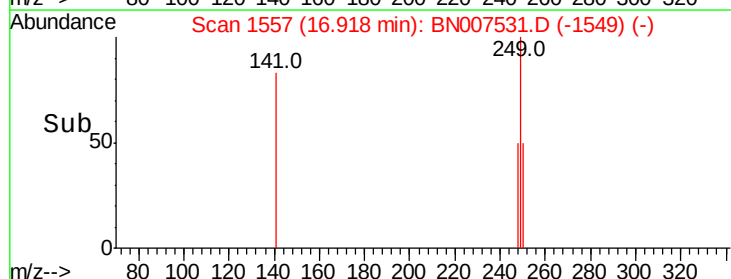
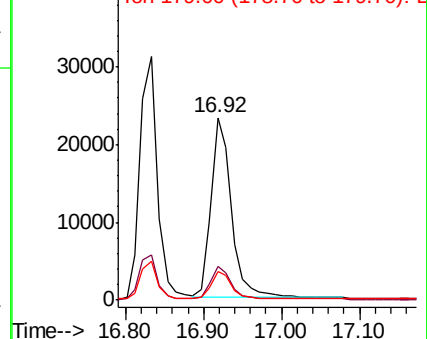
178 100

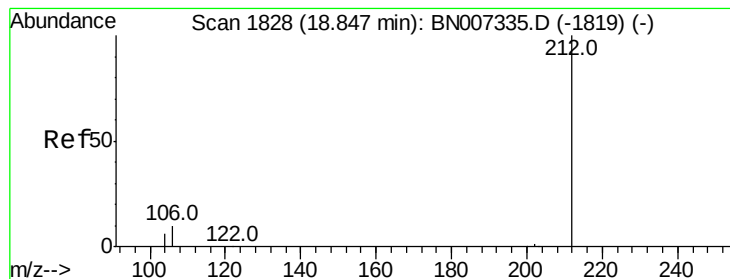
176 17.9 14.9 22.3

179 15.2 12.4 18.6



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: 0.368 ng

RT: 18.84 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

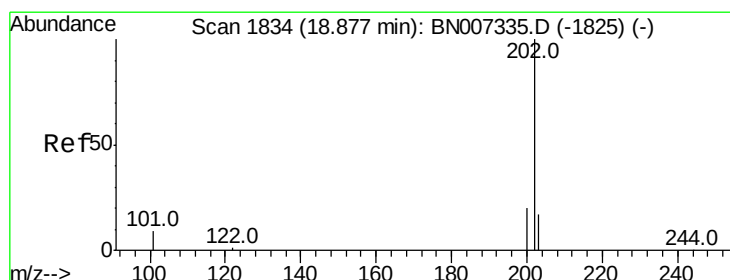
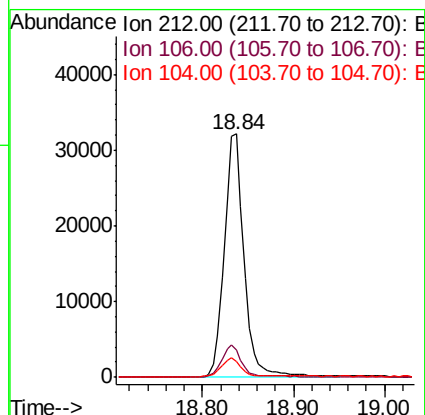
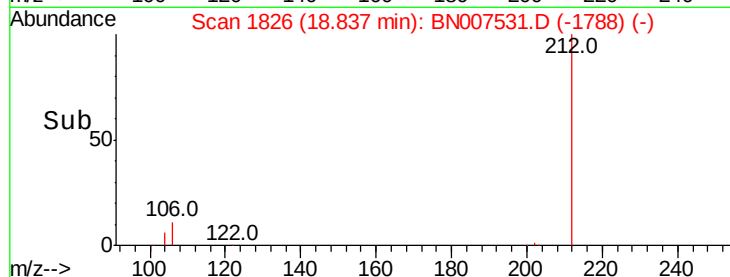
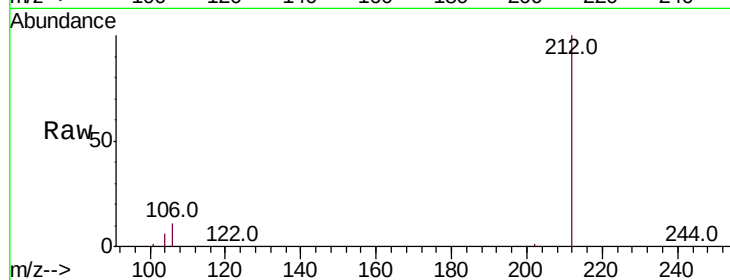
Tot Ion:212 Resp: 48232

Ion Ratio Lower Upper

212 100

106 12.8 9.0 13.4

104 7.3 5.4 8.2



#26

Fluoranthene

Concen: 0.376 ng

RT: 18.87 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

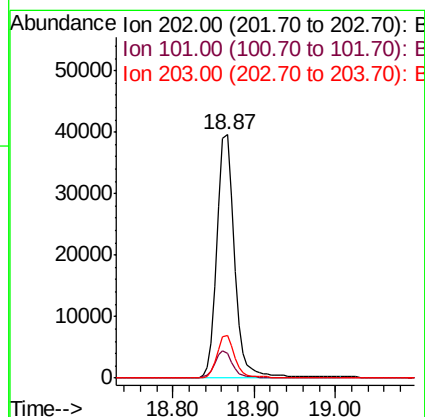
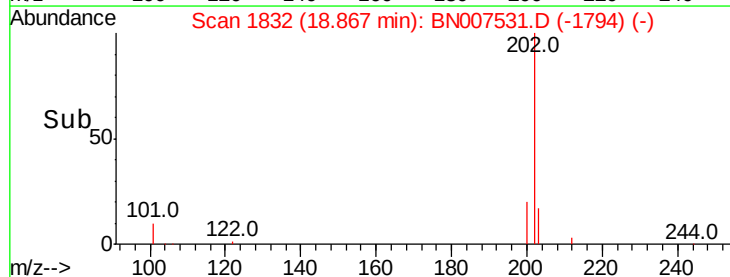
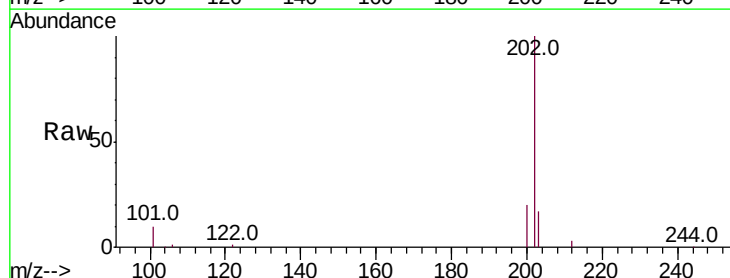
Tgt Ion:202 Resp: 59076

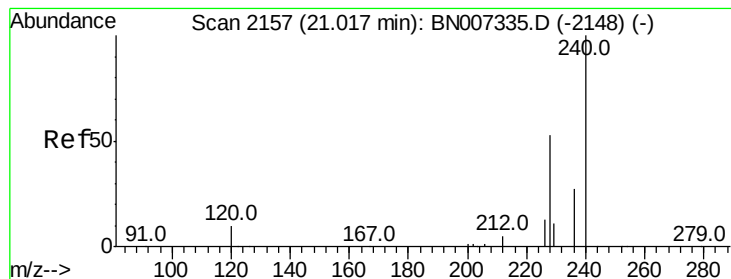
Ion Ratio Lower Upper

202 100

101 11.4 7.7 11.5

203 17.1 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

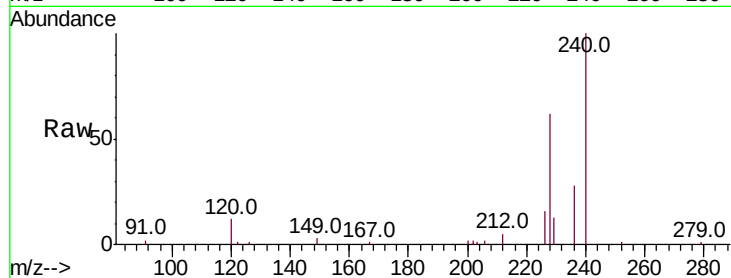
Tot Ion:240 Resp: 39066

Ion Ratio Lower Upper

240 100

120 12.2 9.6 14.4

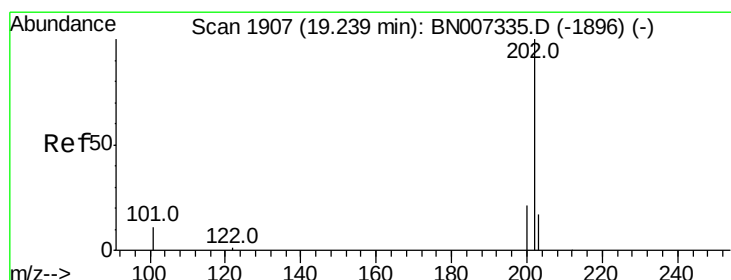
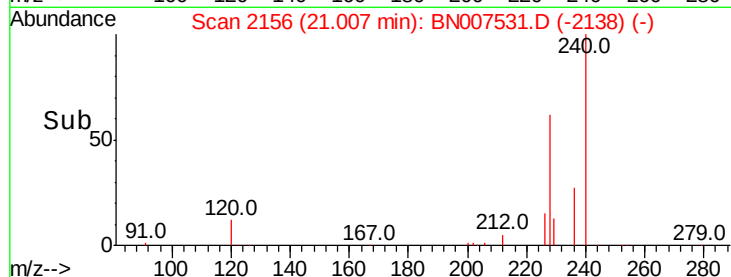
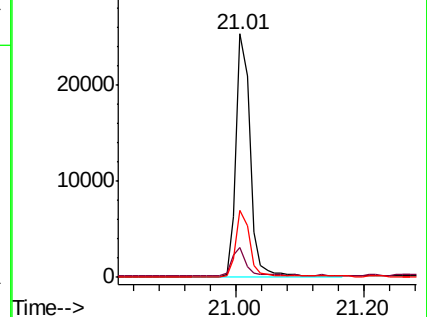
236 27.7 22.2 33.2



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: 0.384 ng

RT: 19.23 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

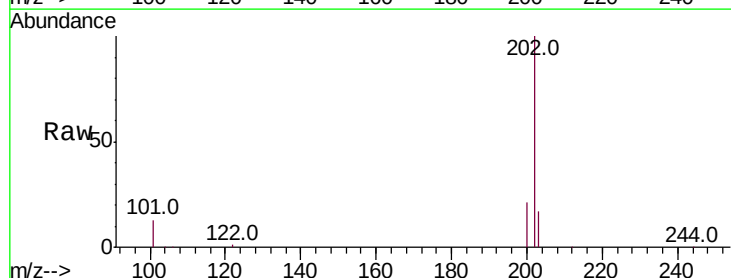
Tgt Ion:202 Resp: 60363

Ion Ratio Lower Upper

202 100

200 20.2 16.6 25.0

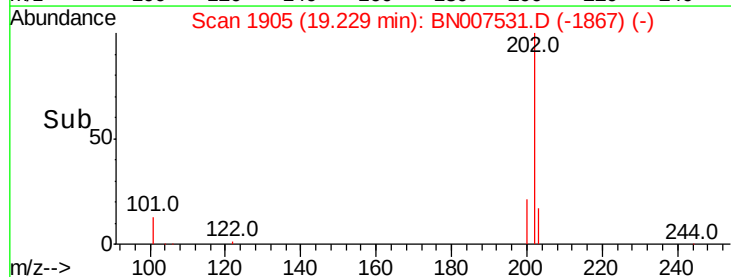
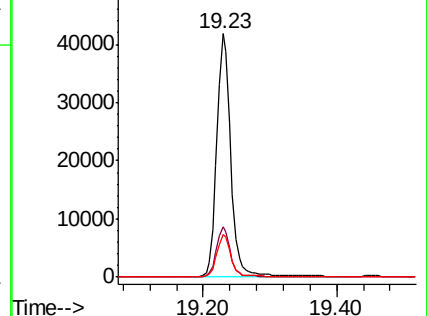
203 17.6 14.2 21.4

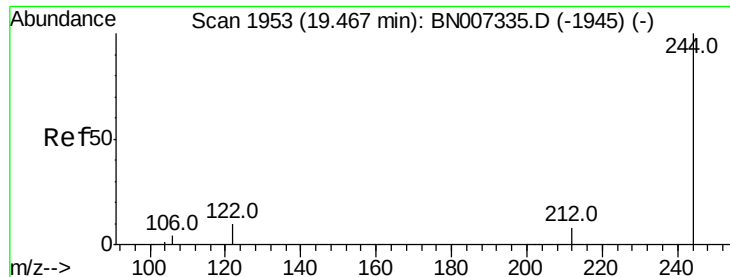


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 19.45 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

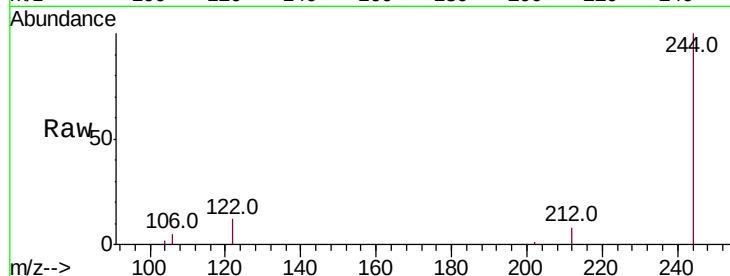
Tot Ion:244 Resp: 39684

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.6

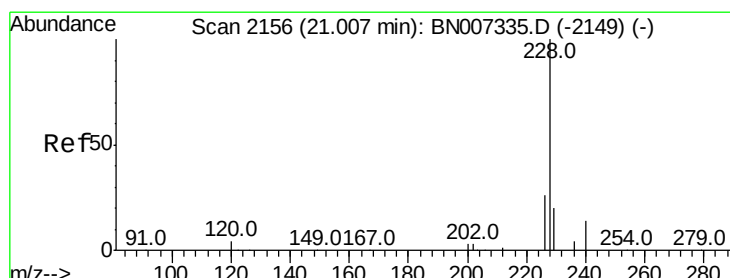
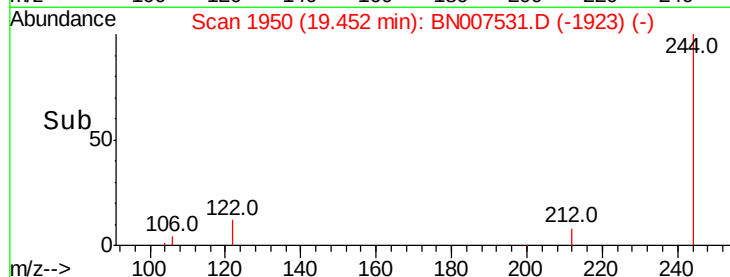
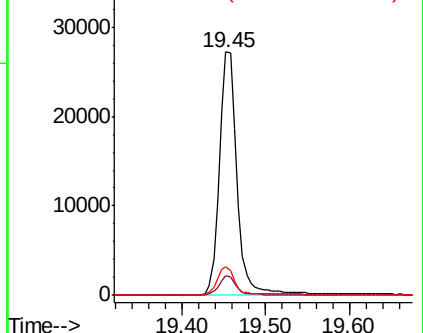
122 11.9 9.6 14.4



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: 0.350 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

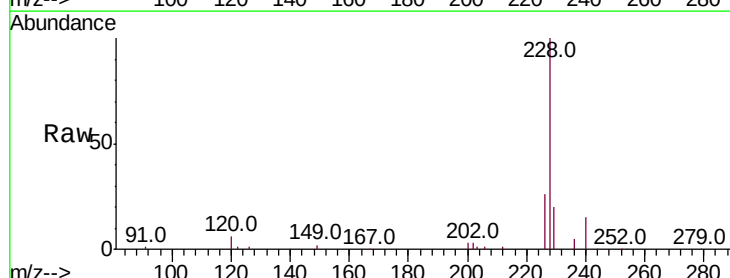
Tgt Ion:228 Resp: 53682

Ion Ratio Lower Upper

228 100

226 26.1 21.3 31.9

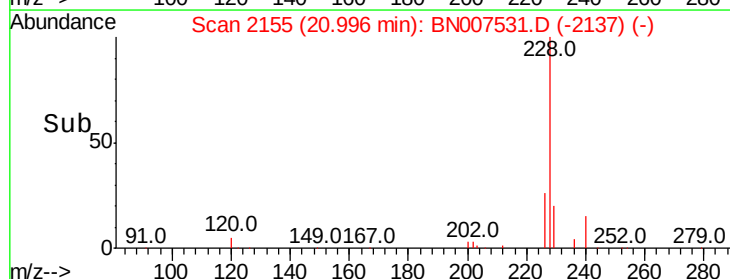
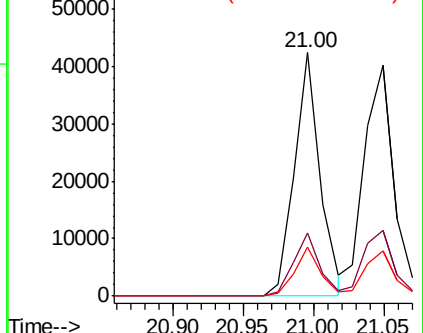
229 19.9 16.1 24.1

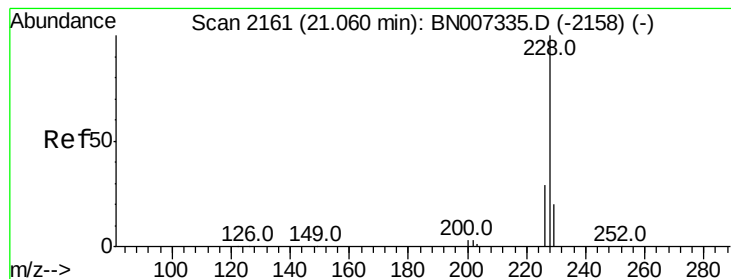


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.400 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

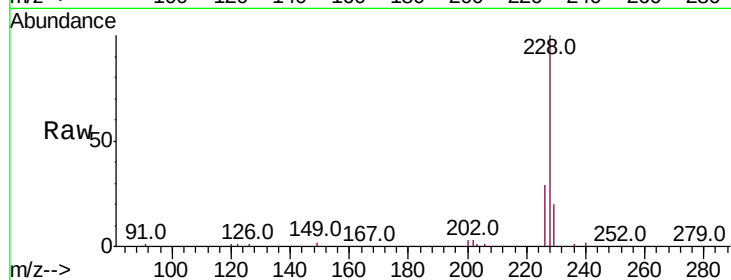
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 59176

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.5	35.3
229	19.9	16.6	24.8

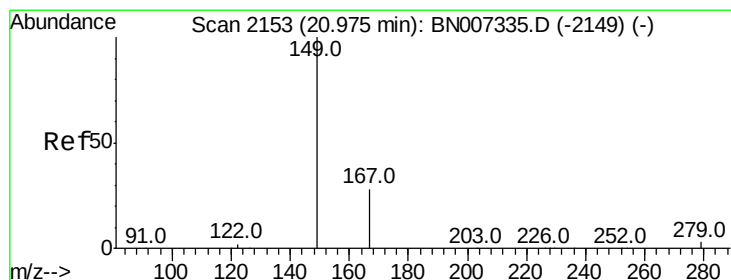
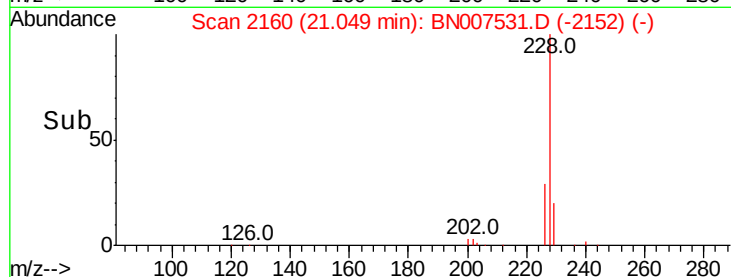
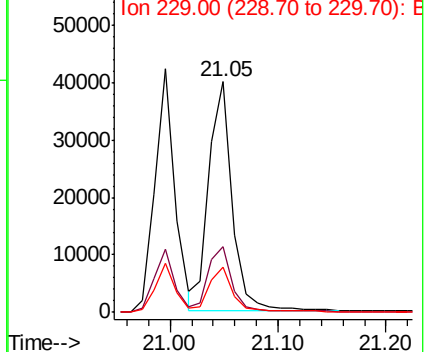


Abundance

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: 0.241 ng

RT: 20.96 min Scan# 2152

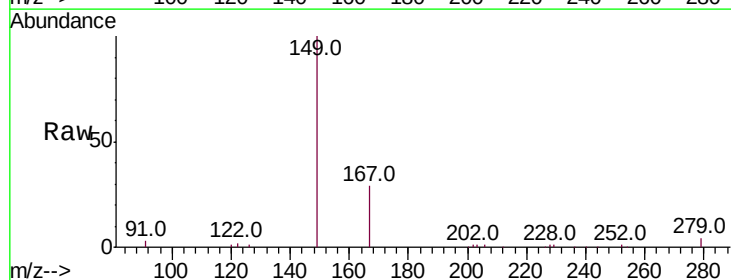
Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Tgt Ion:149 Resp: 25810

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.8	34.2
279	4.0	3.5	5.3

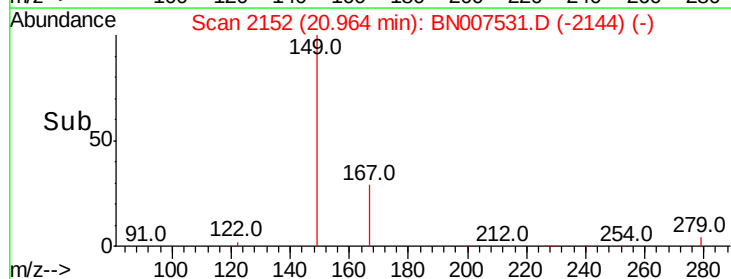
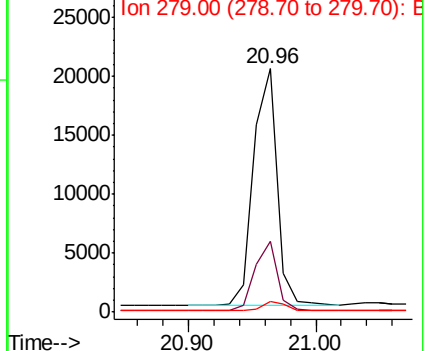


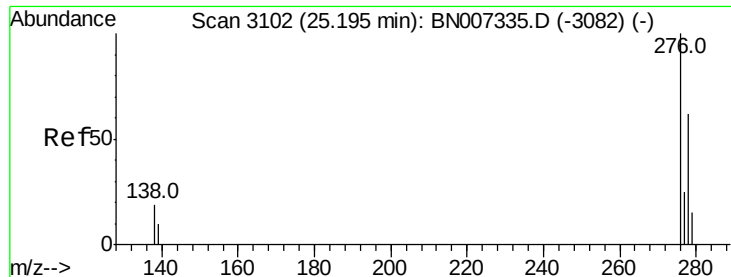
Abundance

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: 0.322 ng

RT: 25.17 min Scan# 3094

Delta R.T. -0.03 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

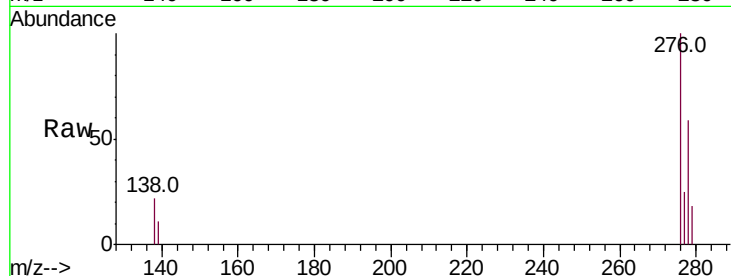
Tot Ion:276 Resp: 57376

Ion Ratio Lower Upper

276 100

138 22.6 15.1 22.7

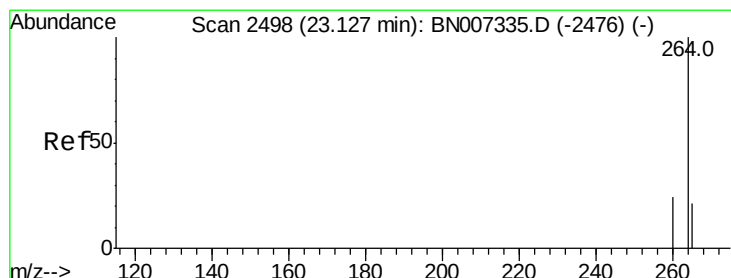
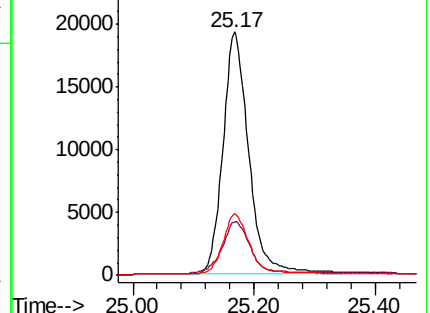
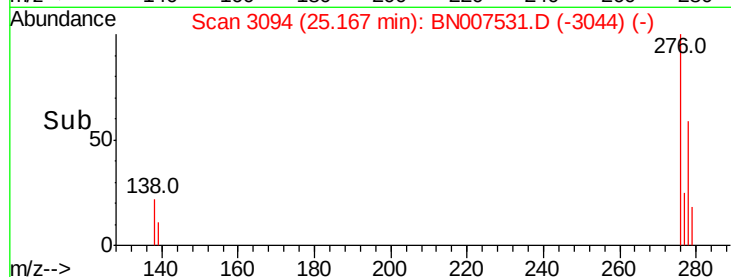
277 24.5 19.7 29.5



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: 23.11 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

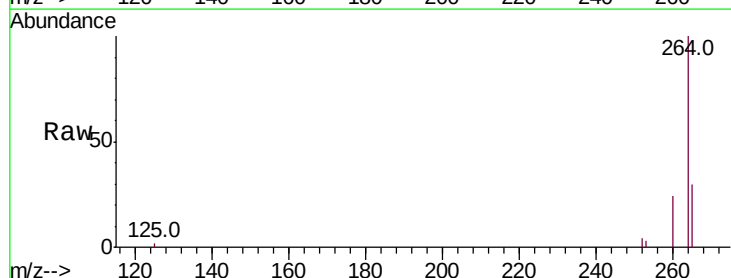
Tgt Ion:264 Resp: 38511

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

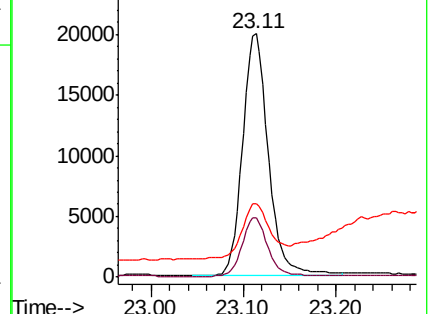
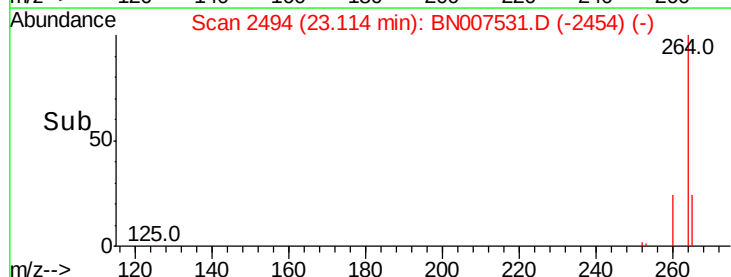
265 30.4 29.9 44.9

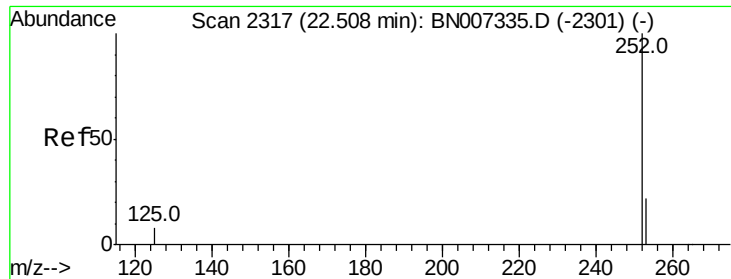


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

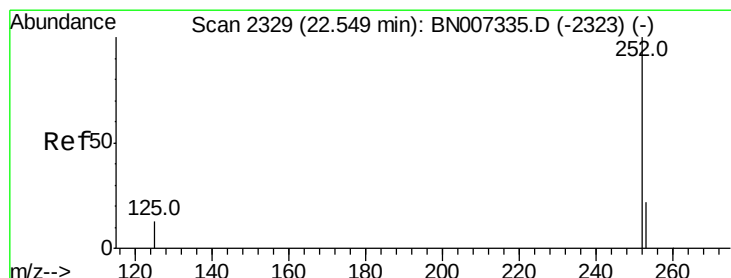
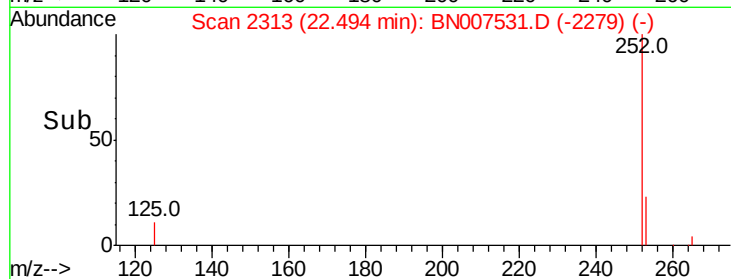
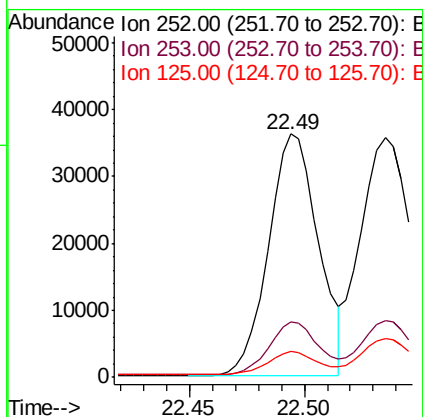
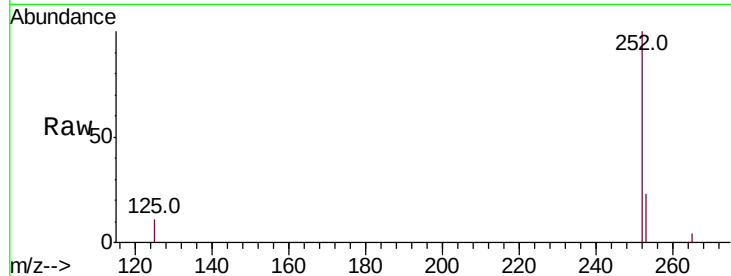




#35
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 22.49 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BN007531.D
Acq: 03 Sep 2019 10:28

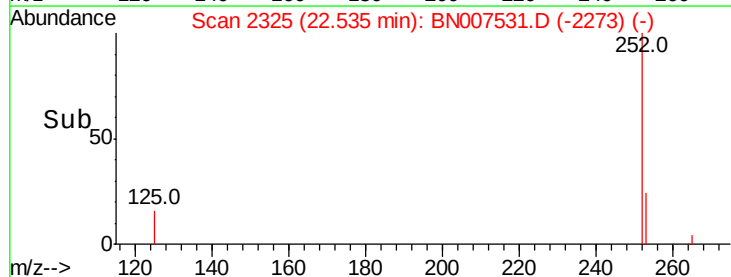
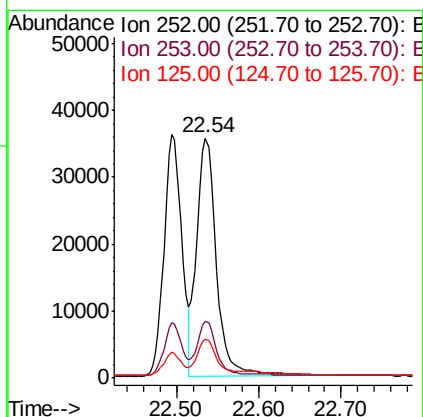
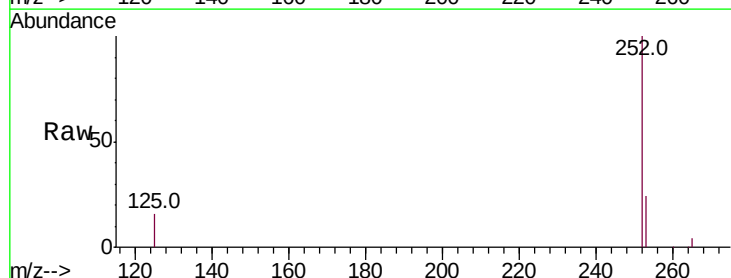
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

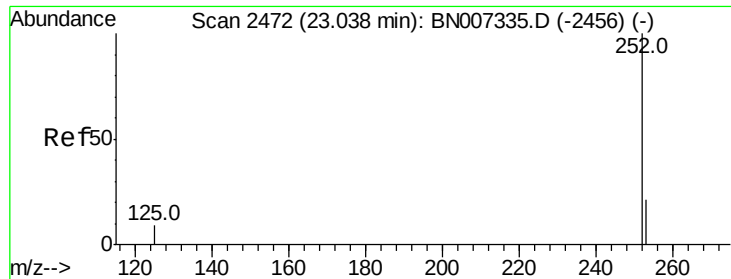
Tot Ion:252 Resp: 54857
Ion Ratio Lower Upper
252 100
253 22.6 19.2 28.8
125 10.6 10.6 16.0#



#36
Benzo(k)fluoranthene
Concen: 0.434 ng
RT: 22.54 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BN007531.D
Acq: 03 Sep 2019 10:28

Tgt Ion:252 Resp: 59816
Ion Ratio Lower Upper
252 100
253 23.5 19.4 29.2
125 16.2 13.1 19.7





#37

Benzo(a)pyrene

Concen: 0.368 ng

RT: 23.02 min Scan# 2467

Delta R.T. -0.02 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

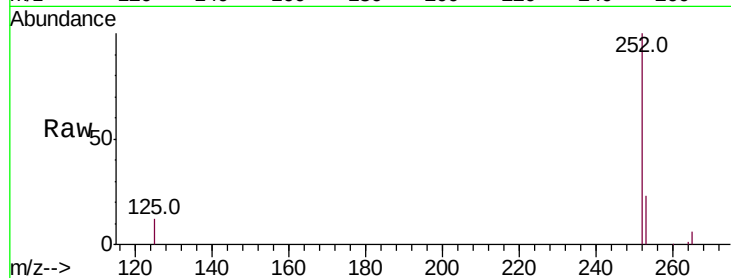
Tot Ion:252 Resp: 48929

Ion Ratio Lower Upper

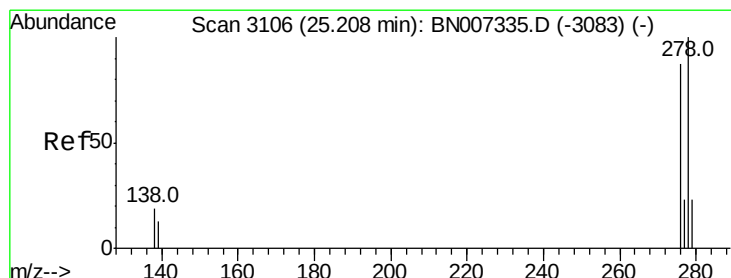
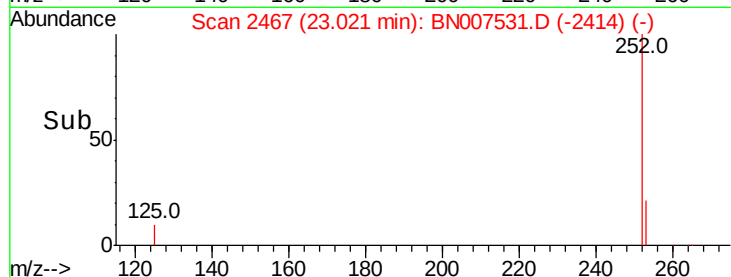
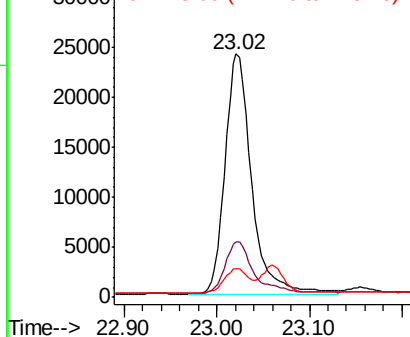
252 100

253 22.8 19.5 29.3

125 11.9 12.1 18.1#



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: 0.343 ng

RT: 25.18 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

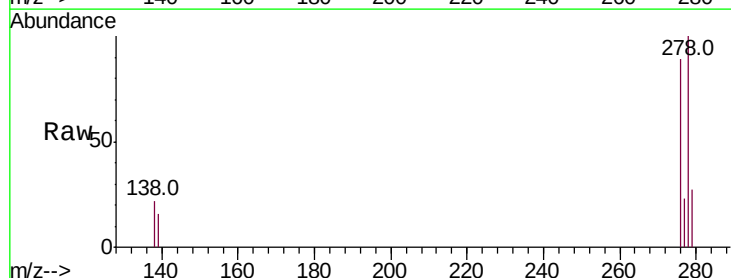
Tgt Ion:278 Resp: 45417

Ion Ratio Lower Upper

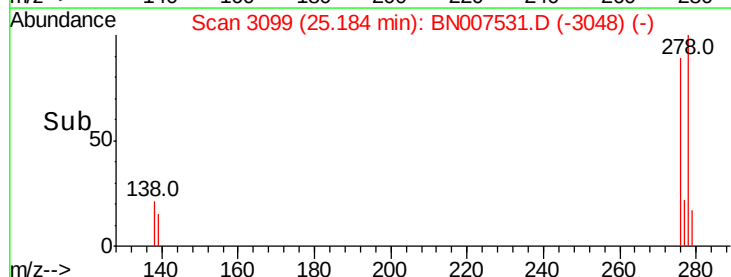
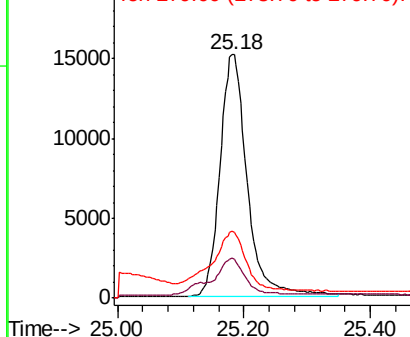
278 100

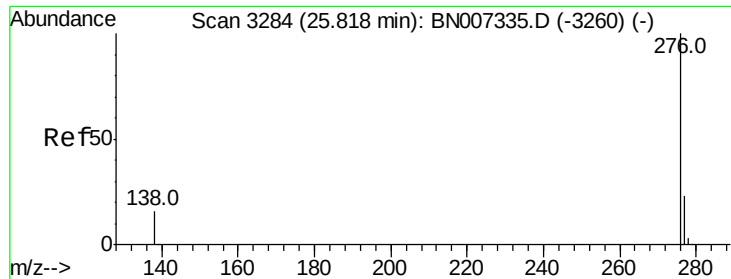
139 16.1 13.7 20.5

279 26.8 20.2 30.4



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: 0.356 ng

RT: 25.79 min Scan# 3276

Delta R.T. -0.03 min

Lab File: BN007531.D

Acq: 03 Sep 2019 10:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

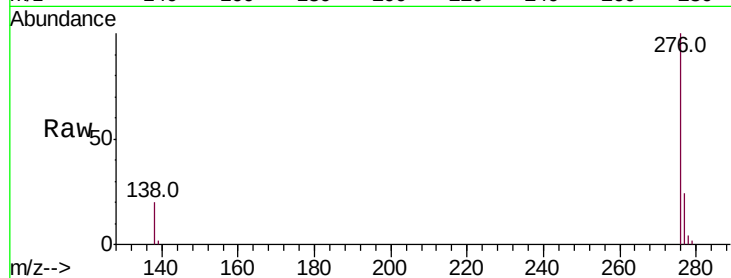
Tot Ion:276 Resp: 46990

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 19.6 16.3 24.5



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

