

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090119\
 Data File : BN007527.D
 Acq On : 01 Sep 2019 16:14
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 02 08:14:36 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	6147	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	27959	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	17239	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	41326	0.40	ng	0.00
27) Chrysene-d12	21.00	240	40158	0.40	ng	-0.01
34) Perylene-d12	23.11	264	39820	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	6803	0.31	ng	-0.02
5) Phenol-d6	6.58	99	8659	0.31	ng	0.00
8) Nitrobenzene-d5	8.53	82	8158	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	18661	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	2681	0.30	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	26752	0.38	ng	0.00
25) Fluoranthene-d10	18.84	212	50614	0.38	ng	-0.01
29) Terphenyl-d14	19.46	244	40895	0.39	ng	-0.01

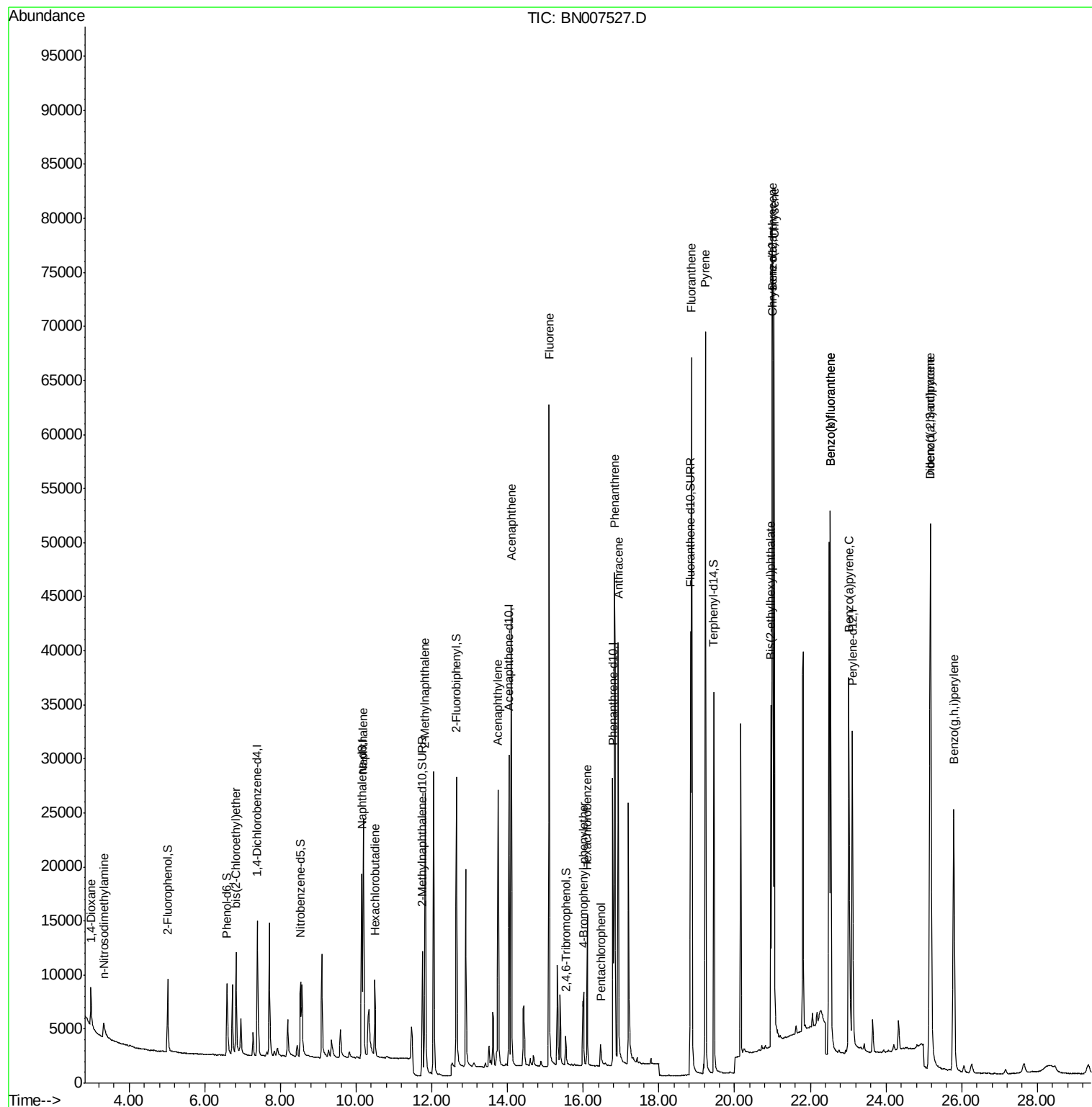
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	4075	0.399	ng	# 77
3) n-Nitrosodimethylamine	3.33	42	1242	0.262	ng	# 71
6) bis(2-Chloroethyl)ether	6.83	93	9257	0.417	ng	94
9) Naphthalene	10.19	128	31446	0.394	ng	# 90
10) Hexachlorobutadiene	10.49	225	5843	0.357	ng	# 99
12) 2-Methylnaphthalene	11.82	142	22026	0.405	ng	96
16) Acenaphthylene	13.75	152	34157	0.335	ng	99
17) Acenaphthene	14.10	154	23005	0.385	ng	98
18) Fluorene	15.09	166	30013	0.398	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	2534	0.155	ng	# 85
21) Hexachlorobenzene	16.10	284	11085	0.400	ng	96
22) Pentachlorophenol	16.46	266	1962	0.228	ng	# 66
23) Phenanthrene	16.83	178	50907	0.410	ng	99
24) Anthracene	16.92	178	44500	0.356	ng	99
26) Fluoranthene	18.86	202	61963	0.388	ng	99
28) Pyrene	19.23	202	63842	0.395	ng	99
30) Benzo(a)anthracene	20.99	228	56837	0.360	ng	99
31) Chrysene	21.05	228	61711	0.405	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	29137	0.267	ng	99
33) Indeno(1,2,3-cd)pyrene	25.17	276	60983	0.333	ng	96
35) Benzo(b)fluoranthene	22.53	252	61557	0.427	ng	97
36) Benzo(k)fluoranthene	22.53	252	62215	0.436	ng	97
37) Benzo(a)pyrene	23.02	252	51455	0.375	ng	# 95
38) Dibenzo(a,h)anthracene	25.18	278	48949	0.357	ng	98
39) Benzo(g,h,i)perylene	25.79	276	48993	0.359	ng	99

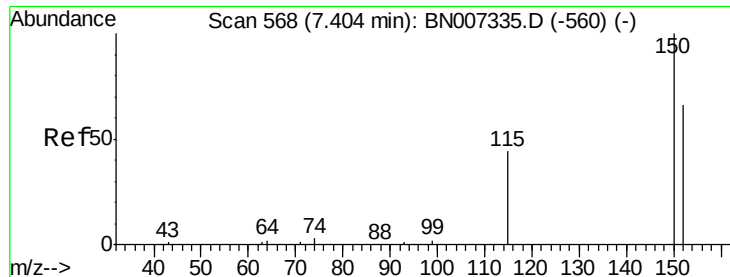
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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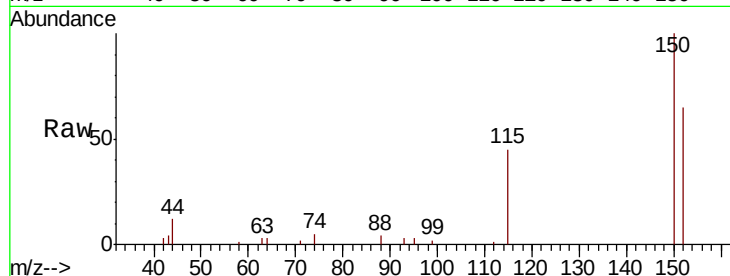


#1

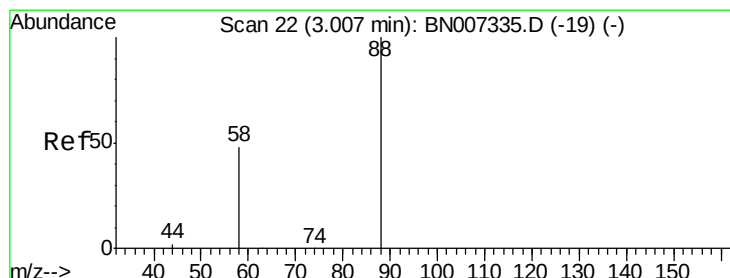
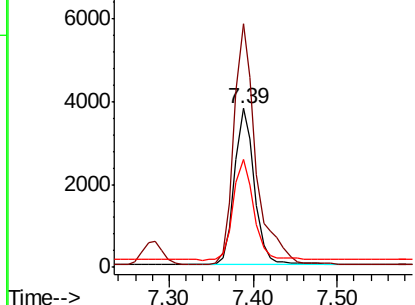
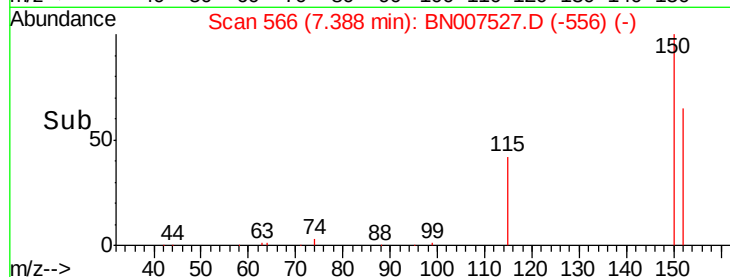
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 6147
Ion Ratio Lower Upper
152 100
150 153.5 109.1 163.7
115 68.4 59.6 89.4



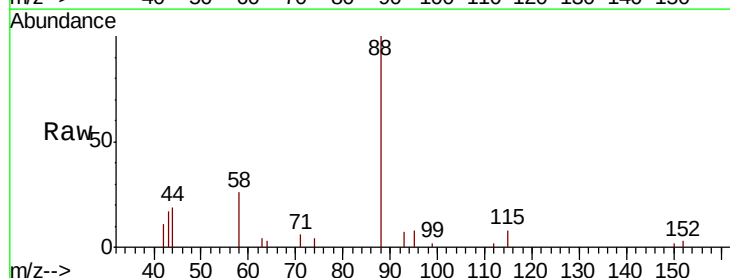
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



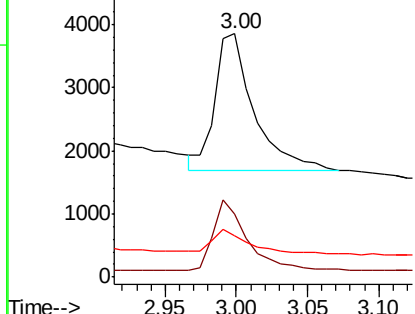
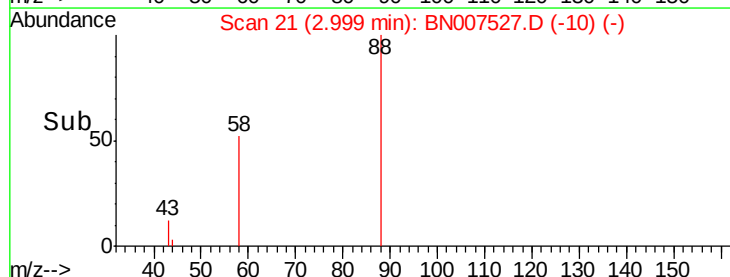
#2

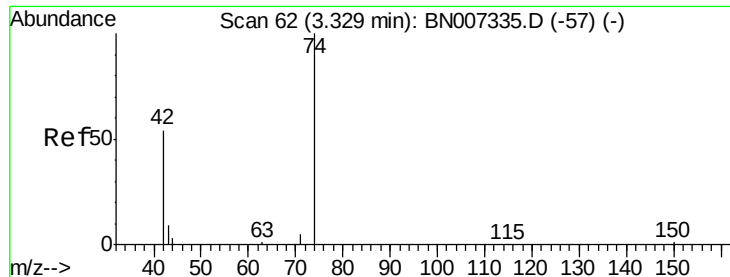
1,4-Dioxane
Concen: 0.399 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Tgt Ion: 88 Resp: 4075
Ion Ratio Lower Upper
88 100
58 45.2 50.5 75.7#
43 16.3 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: 0.262 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

ClientSampleId :

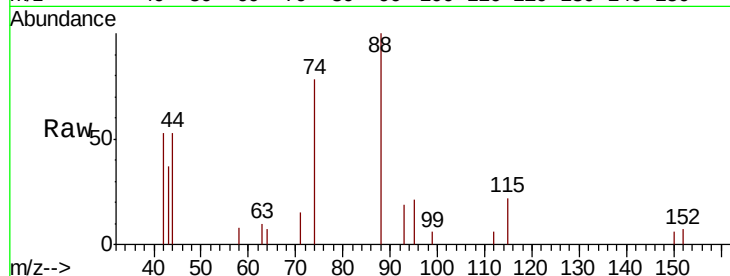
Tot Ion: 42 Resp: 1242

Ion Ratio Lower Upper

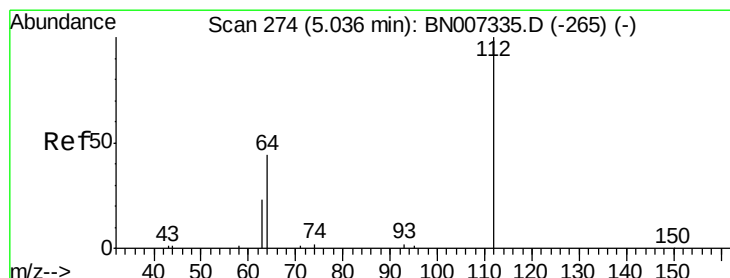
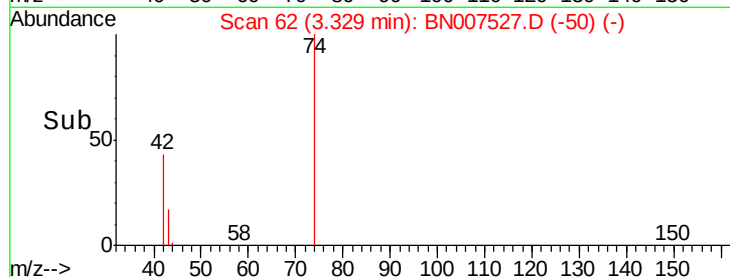
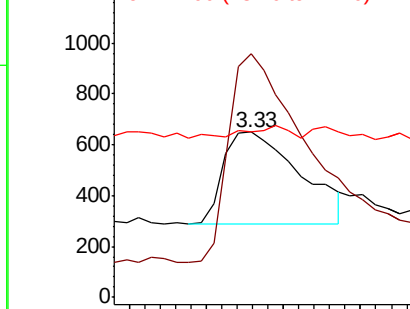
42 100

74 222.3 144.7 217.1#

44 6.9 3.2 4.8#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.313 ng

RT: 5.02 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

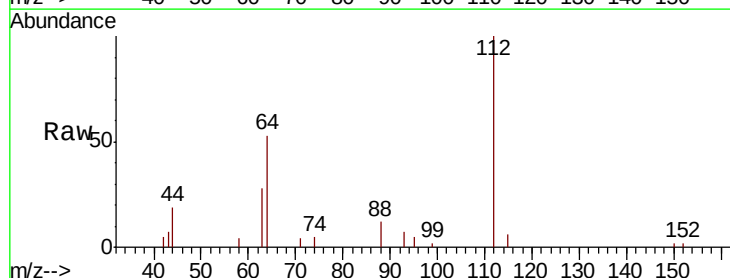
Tgt Ion: 112 Resp: 6803

Ion Ratio Lower Upper

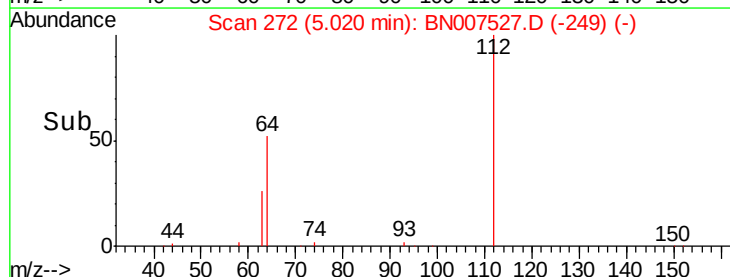
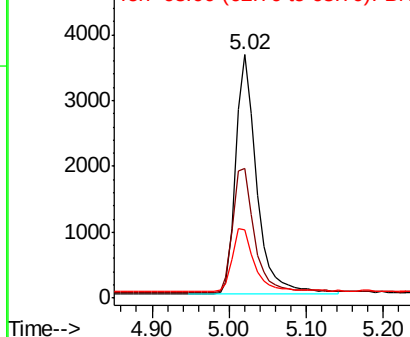
112 100

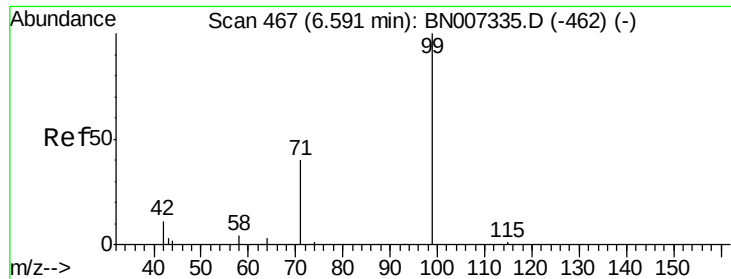
64 56.0 42.3 63.5

63 28.1 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.313 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

ClientSampled :

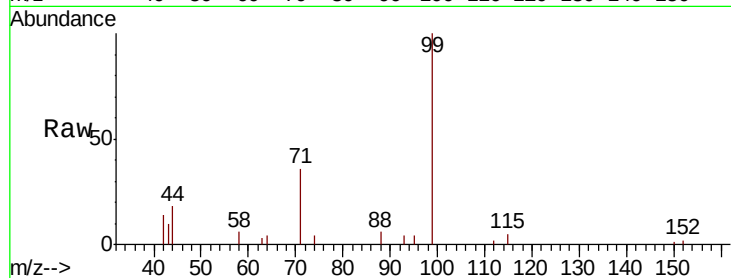
Tot Ion: 99 Resp: 8659

Ion Ratio Lower Upper

99 100

42 12.5 11.2 16.8

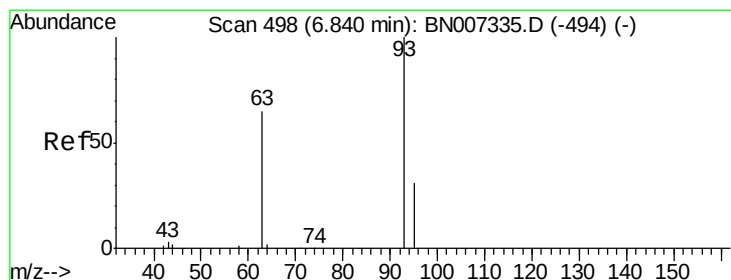
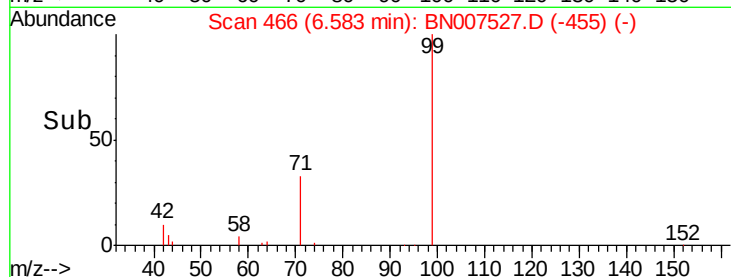
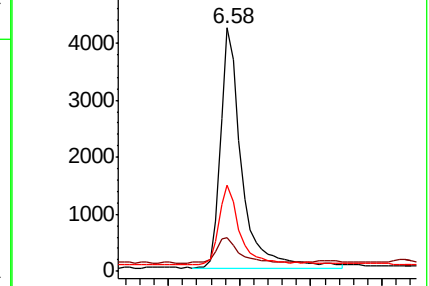
71 32.3 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007527.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN007527.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN007527.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.417 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

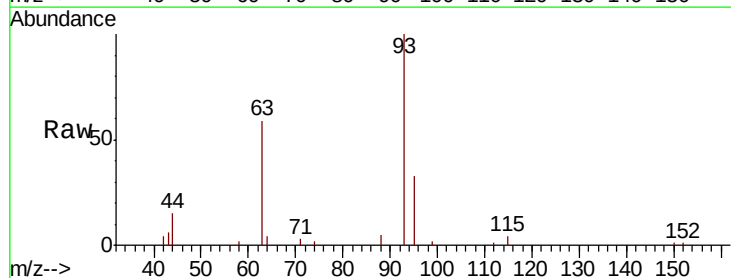
Tgt Ion: 93 Resp: 9257

Ion Ratio Lower Upper

93 100

63 61.0 51.9 77.9

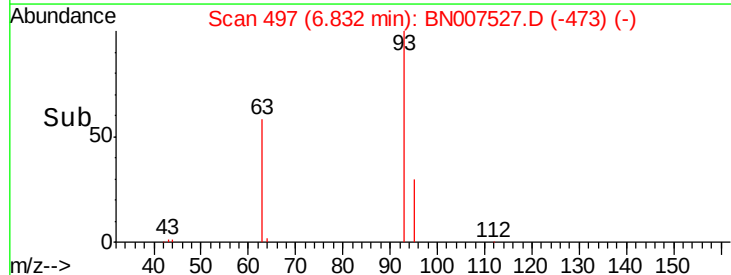
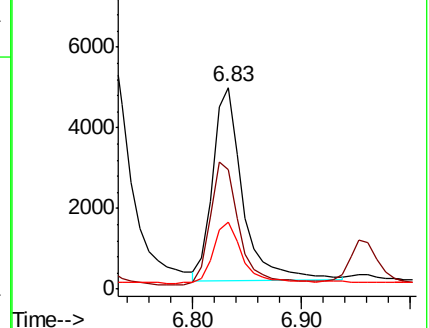
95 30.6 27.7 41.5

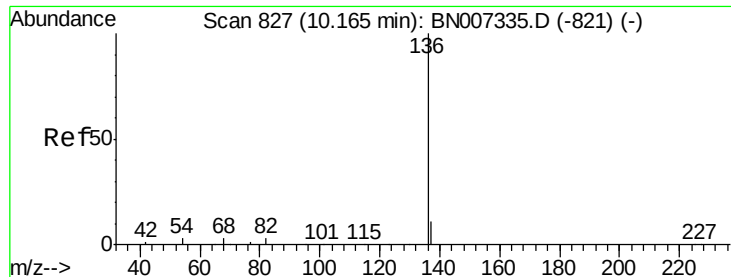


Abundance Ion 93.00 (92.70 to 93.70): BN007527.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN007527.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN007527.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 27959

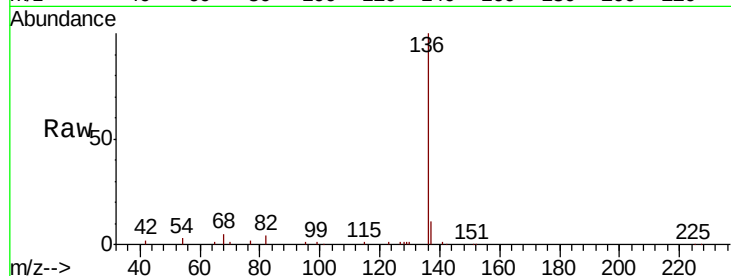
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 3.4 8.6 12.8#

68 4.7 17.0 25.4#

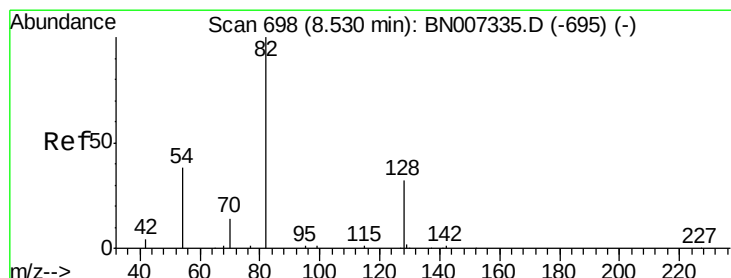
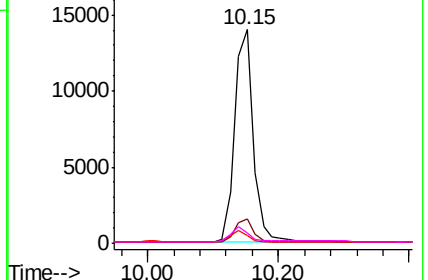
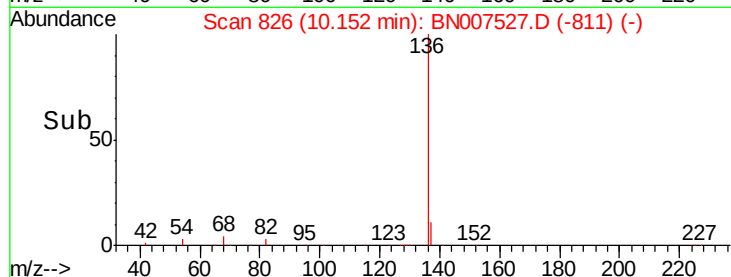


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.335 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

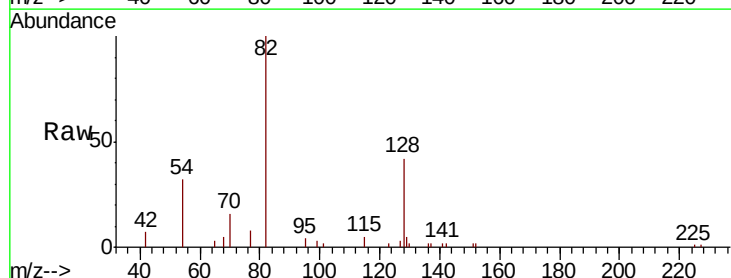
Tgt Ion: 82 Resp: 8158

Ion Ratio Lower Upper

82 100

128 42.4 19.7 29.5#

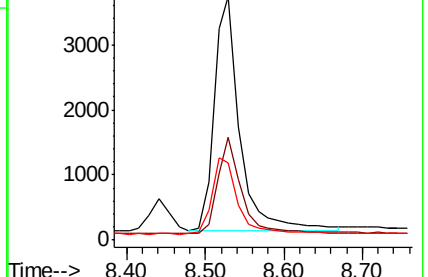
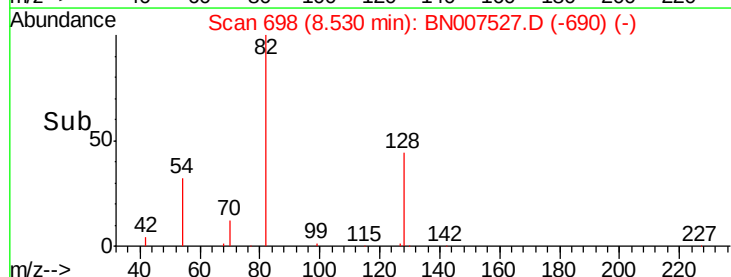
54 31.8 25.8 38.6

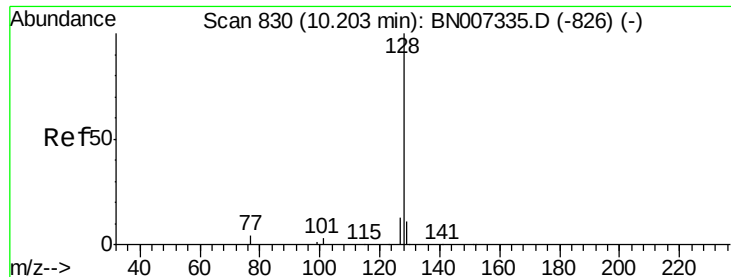


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.394 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

ClientSampleId :

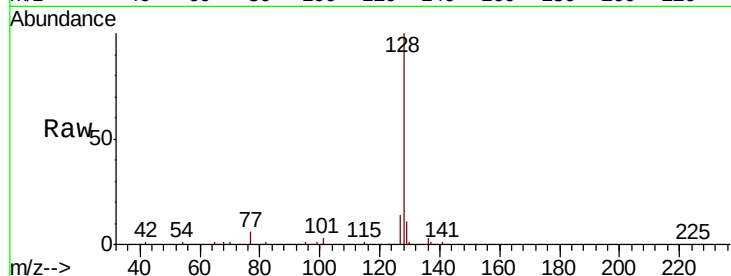
Tot Ion:128 Resp: 31446

Ion Ratio Lower Upper

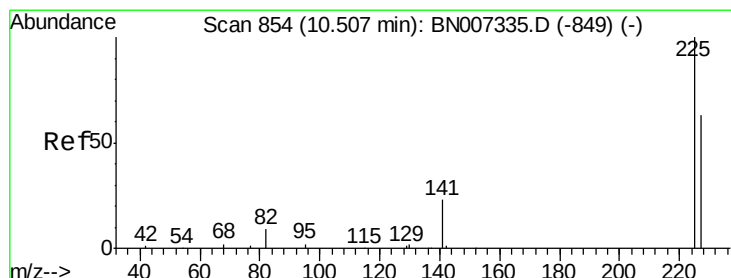
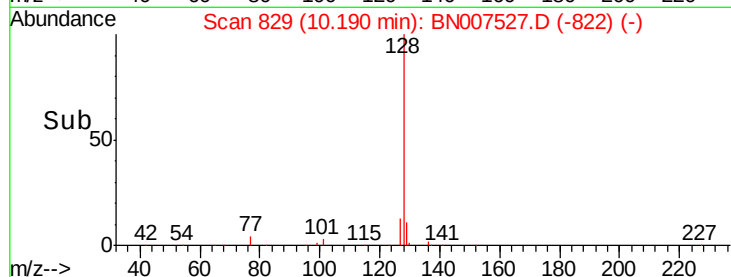
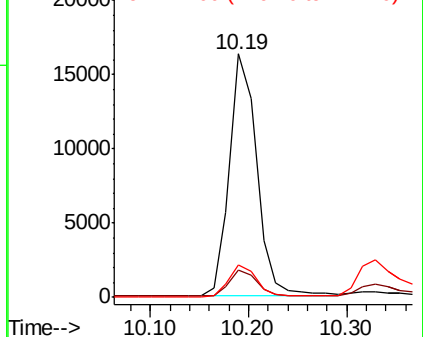
128 100

129 11.2 11.1 16.7

127 13.6 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: 0.357 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

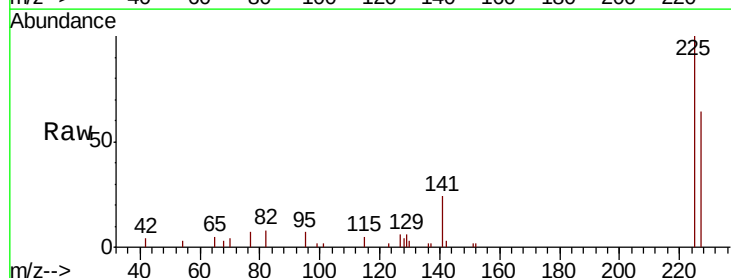
Tgt Ion:225 Resp: 5843

Ion Ratio Lower Upper

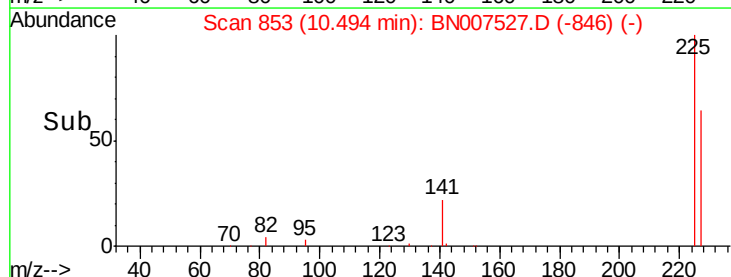
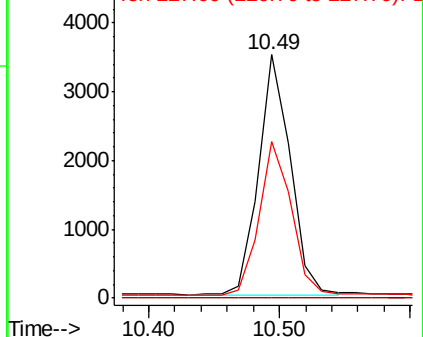
225 100

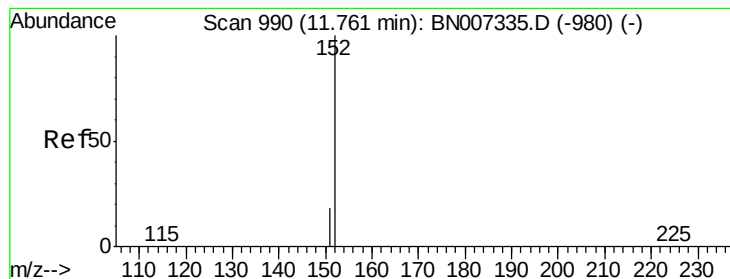
223 0.0 0.0 0.0

227 64.5 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: 0.402 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

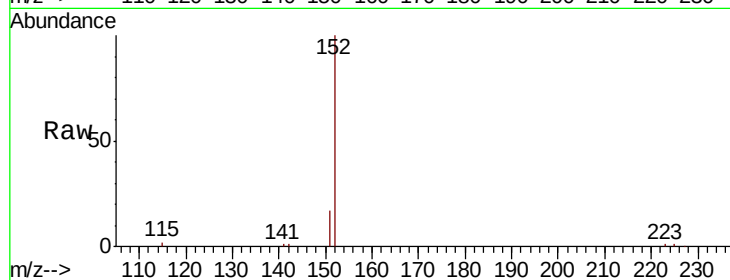
ClientSampleId :

Tot Ion:152 Resp: 18661

Ion Ratio Lower Upper

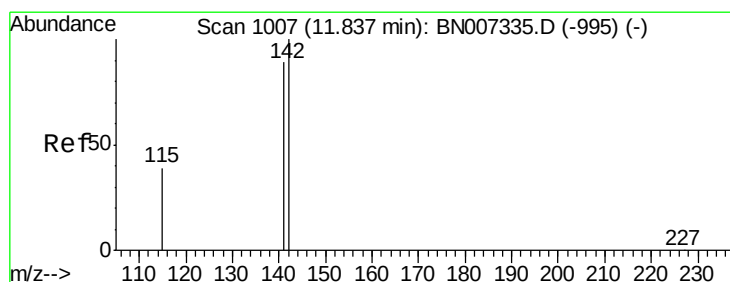
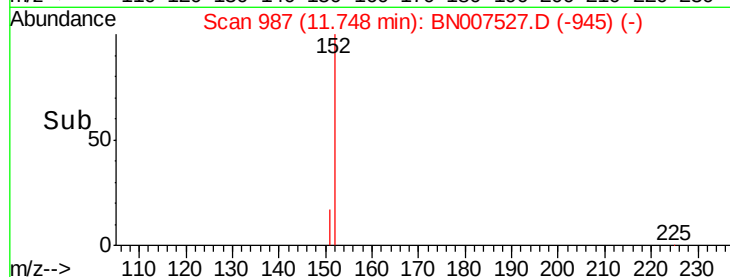
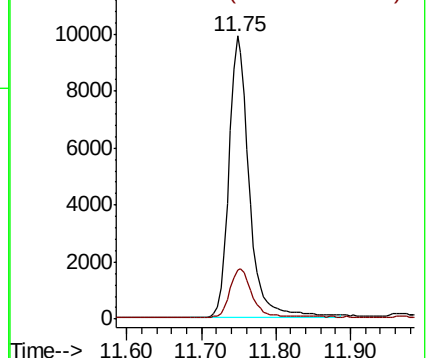
152 100

151 19.2 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.405 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

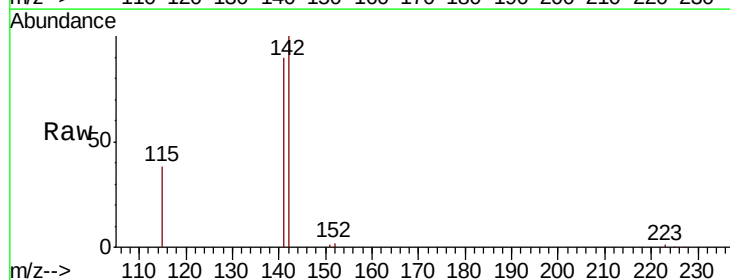
Tgt Ion:142 Resp: 22026

Ion Ratio Lower Upper

142 100

141 89.9 72.8 109.2

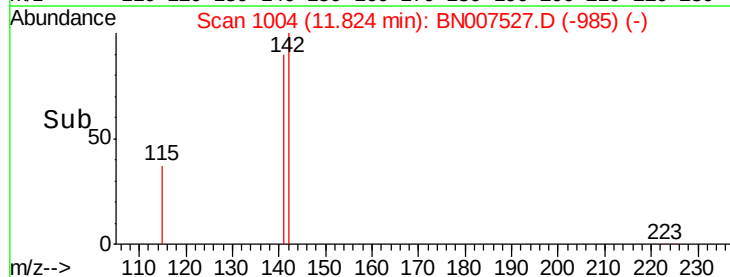
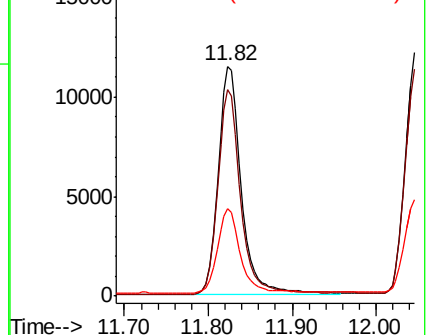
115 38.1 35.2 52.8

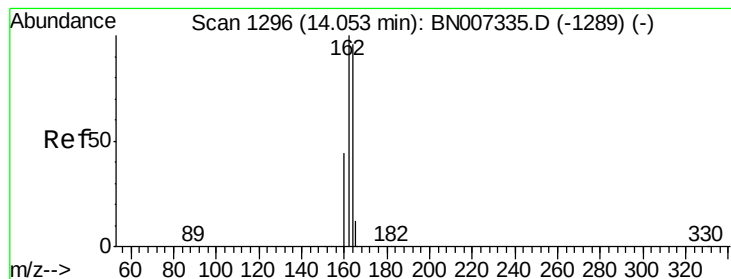


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

ClientSampleId :

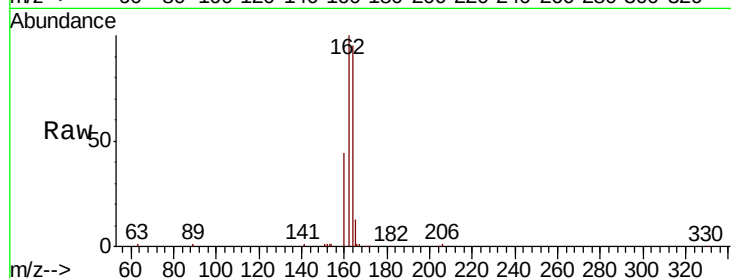
Tot Ion:164 Resp: 17239

Ion Ratio Lower Upper

164 100

162 105.5 83.5 125.3

160 46.9 38.2 57.4

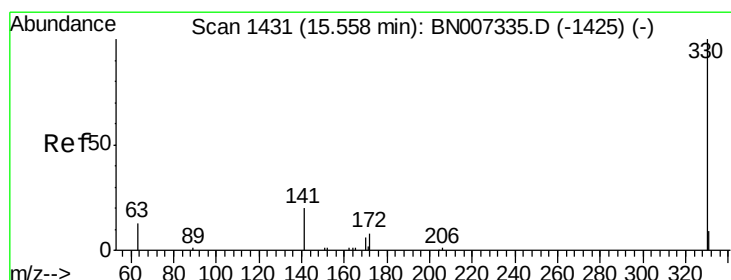
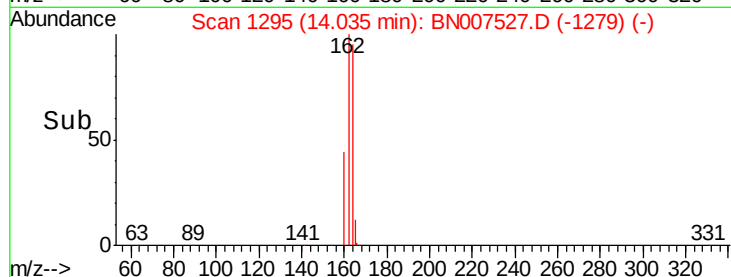
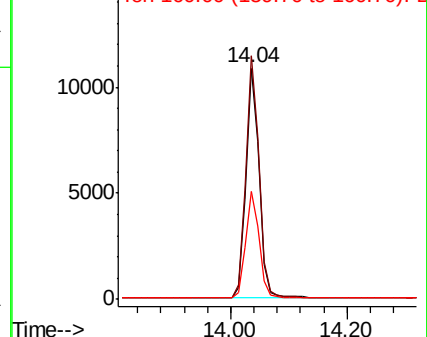


Abundance

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: 0.297 ng

RT: 15.54 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

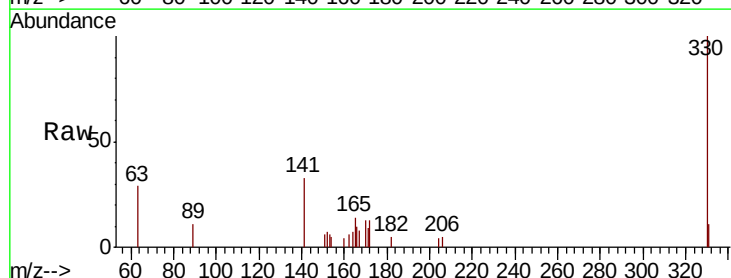
Tgt Ion:330 Resp: 2681

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 31.0 26.9 40.3

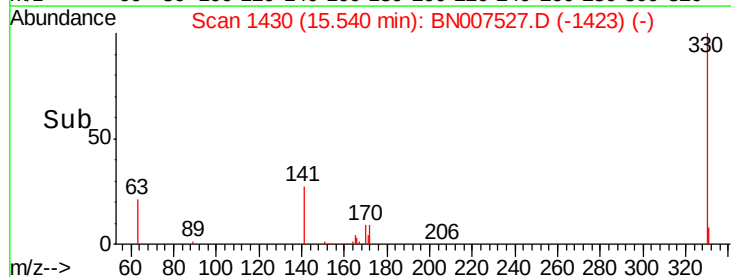
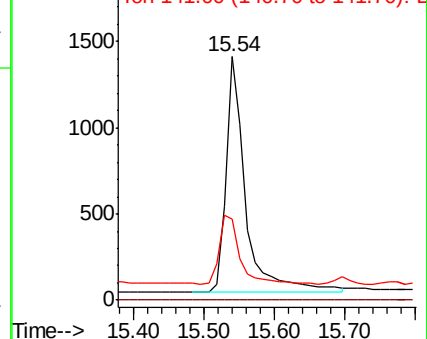


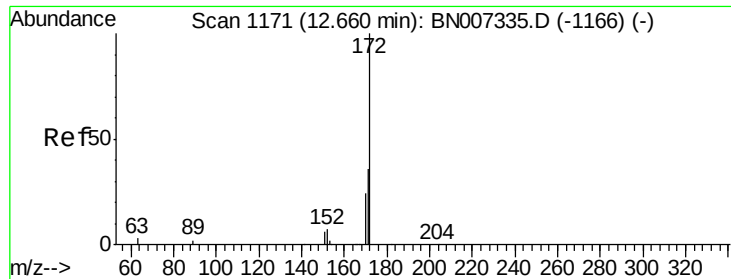
Abundance

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

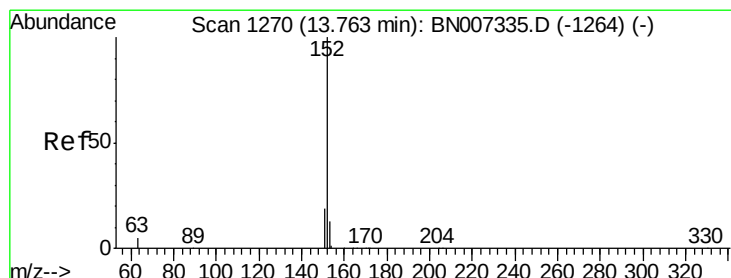
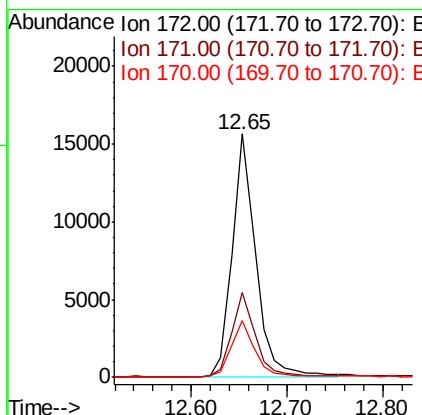
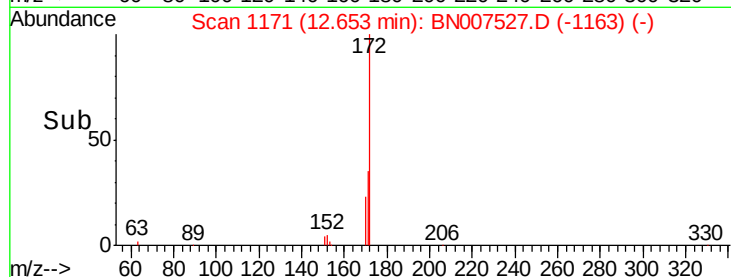
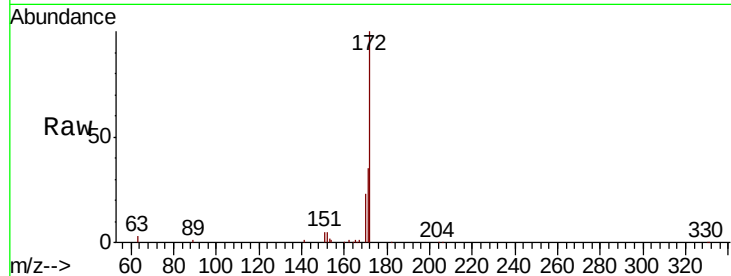




#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

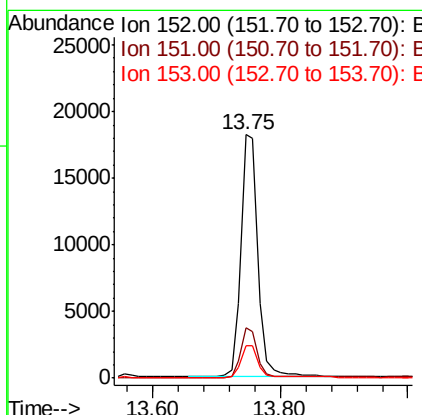
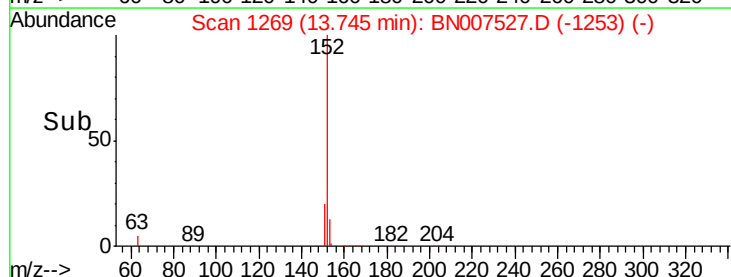
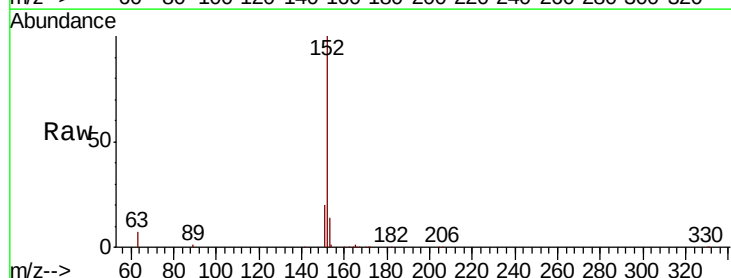
Instrument :
BNA_N
ClientSampleId :

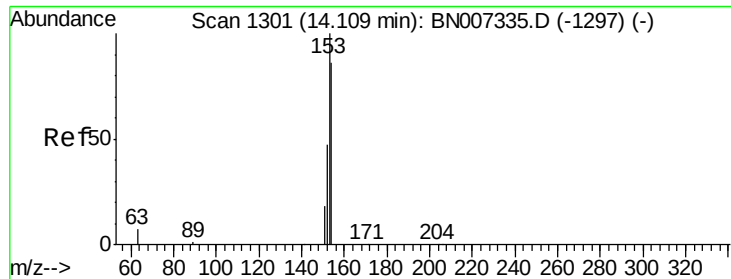
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.3	45.5
170	23.4	20.7	31.1



#16
Acenaphthylene
Concen: 0.335 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	13.2	10.6	15.8





#17

Acenaphthene

Concen: 0.385 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

ClientSampleId :

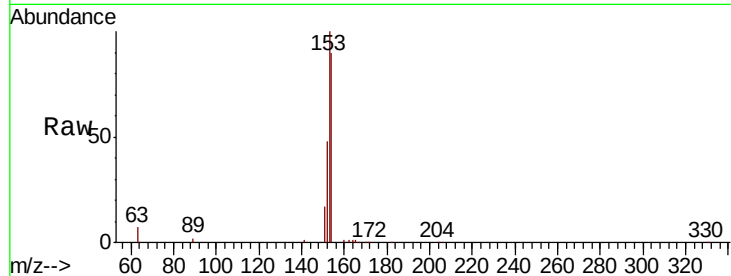
Tot Ion:154 Resp: 23005

Ion Ratio Lower Upper

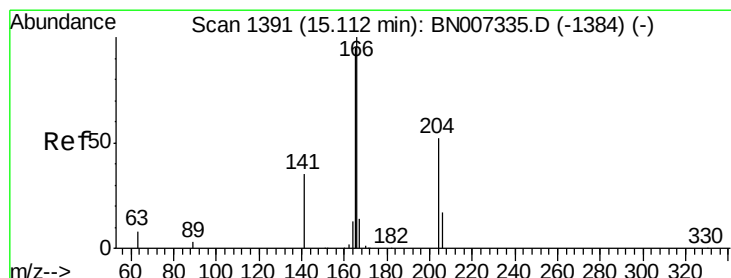
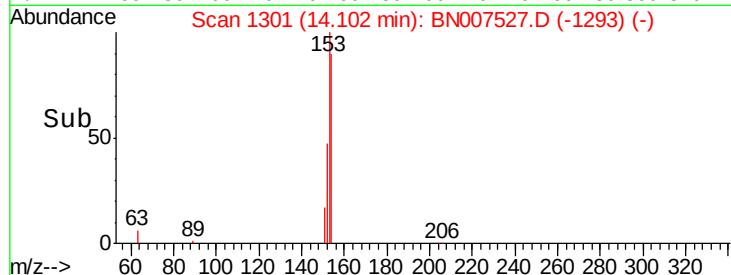
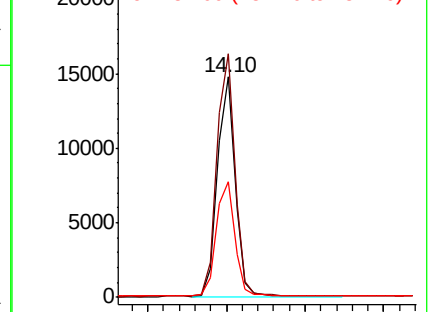
154 100

153 112.5 92.8 139.2

152 54.5 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: 15.09 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

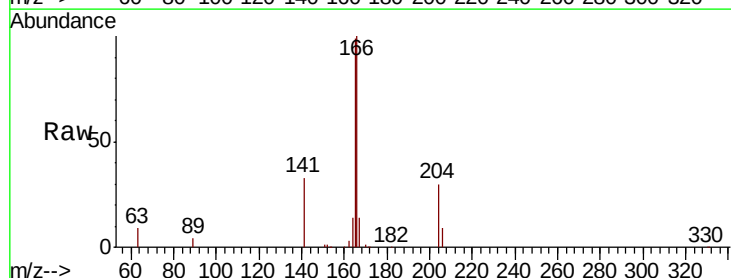
Tgt Ion:166 Resp: 30013

Ion Ratio Lower Upper

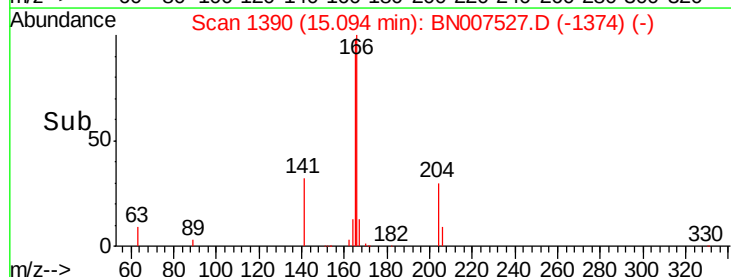
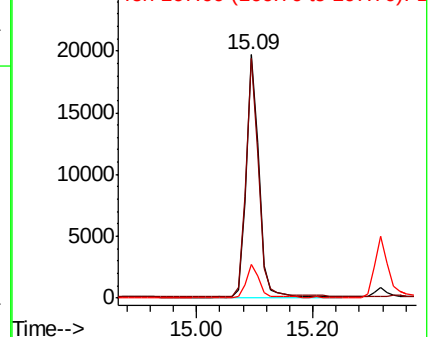
166 100

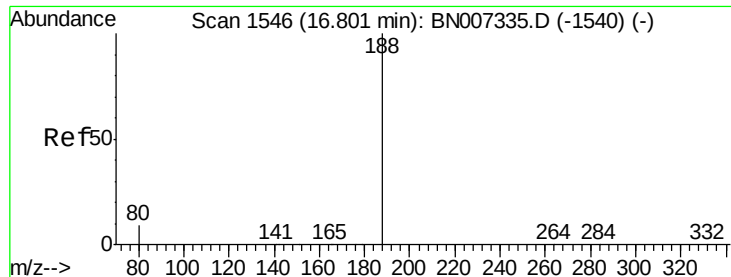
165 97.6 79.0 118.4

167 13.6 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# 1546

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

ClientSampleId :

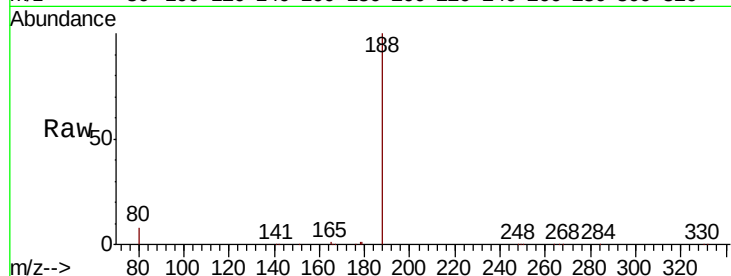
Tot Ion:188 Resp: 41326

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

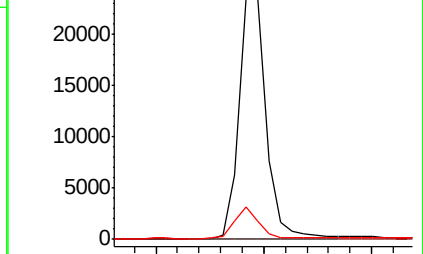
80 7.7 11.8 17.8#



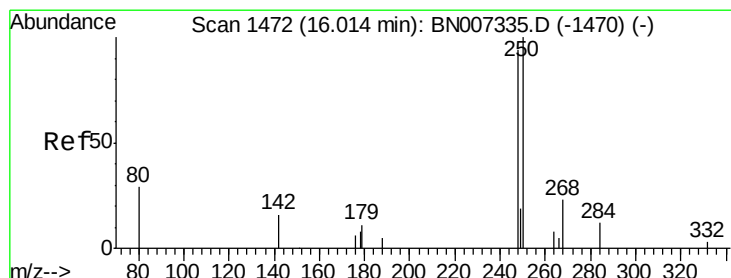
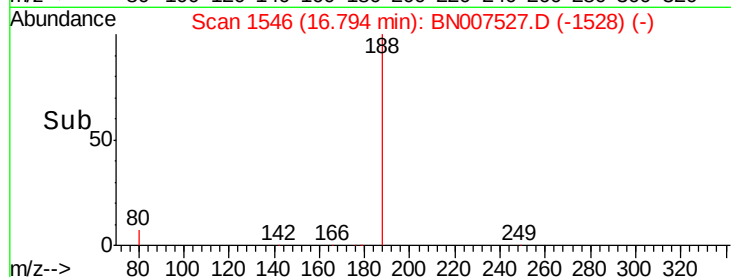
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.155 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

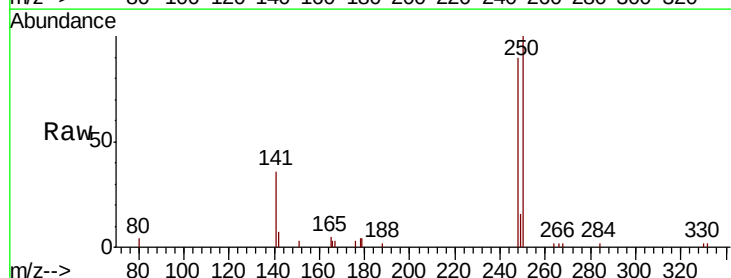
Tgt Ion:248 Resp: 2534

Ion Ratio Lower Upper

248 100

250 111.6 85.0 127.6

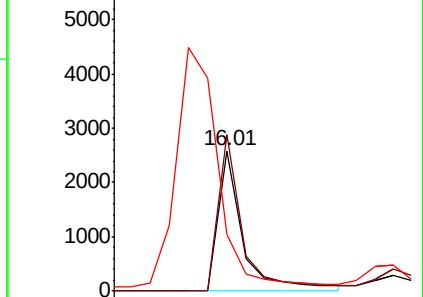
141 40.2 51.7 77.5#



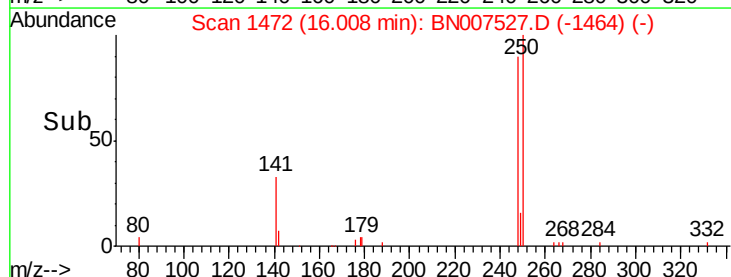
Abundance Ion 248.00 (247.70 to 248.70): E

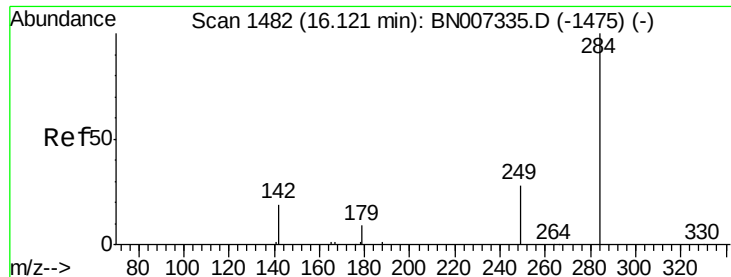
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

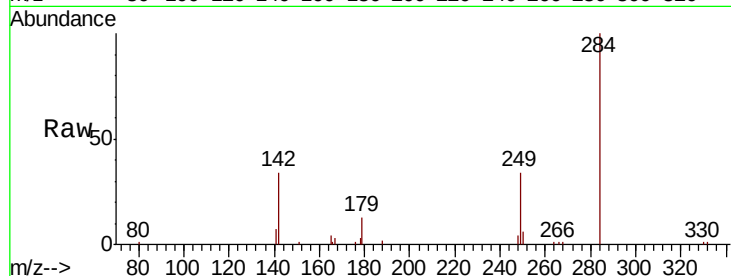




#21
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.0	29.0	43.6
249	30.4	24.9	37.3

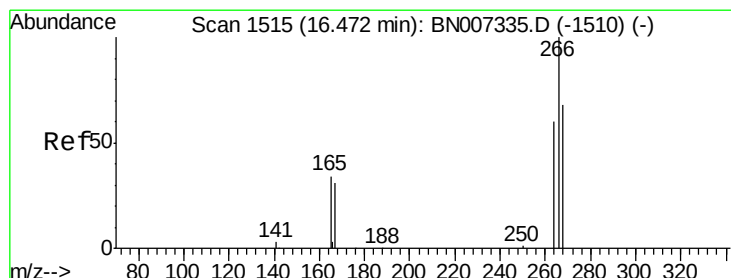
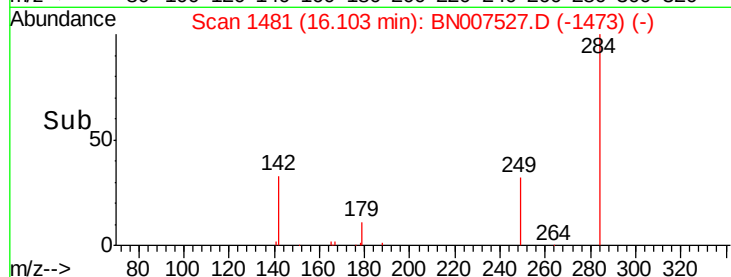
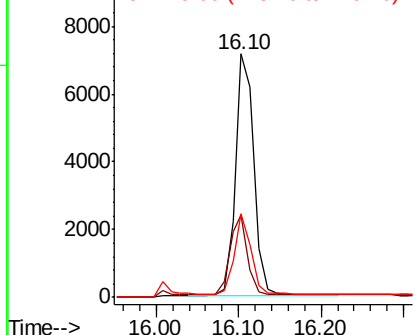


Abundance

Ion 283.80 (283.50 to 284.50): E

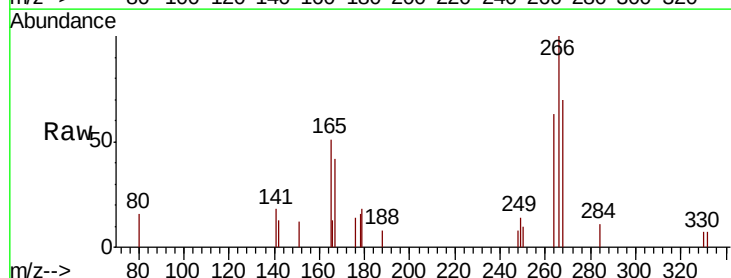
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.228 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.4	57.8	86.8
268	70.2	99.7	149.5#

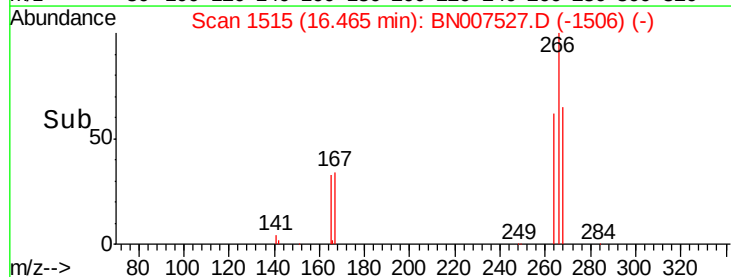
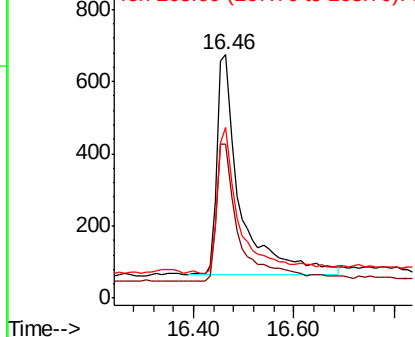


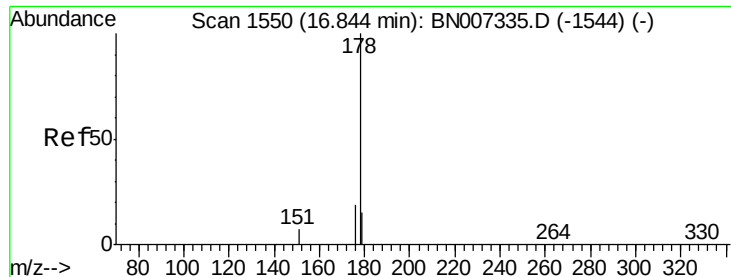
Abundance

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: 0.410 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

ClientSampleId :

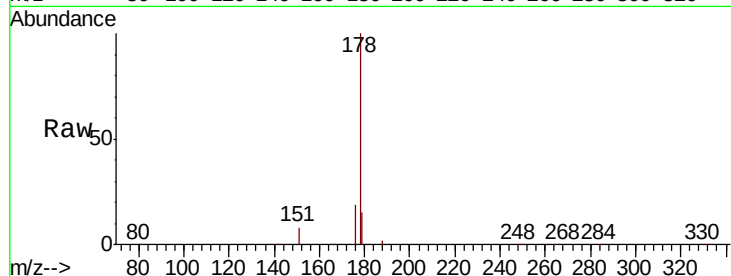
Tot Ion:178 Resp: 50907

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

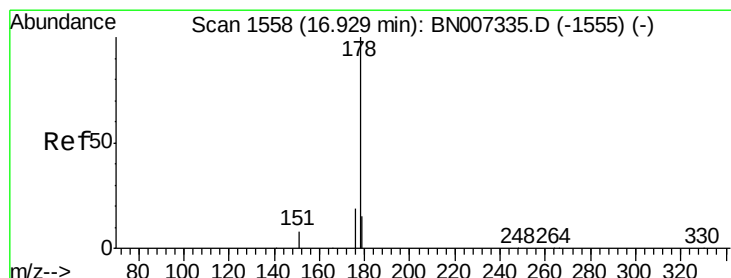
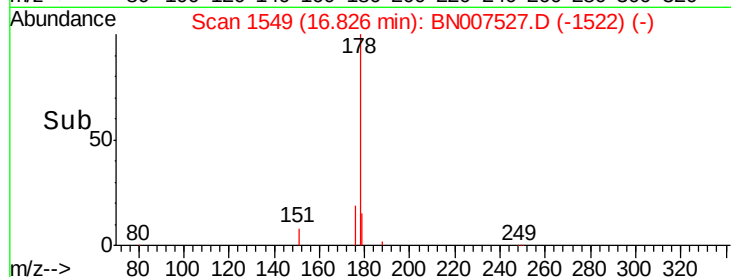
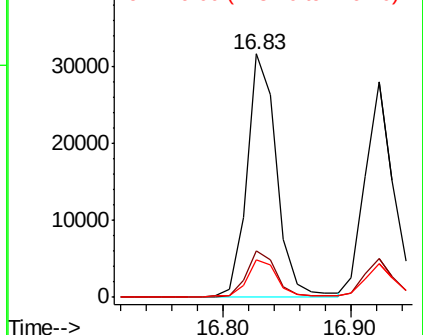
179 15.5 12.6 19.0



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: 0.356 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

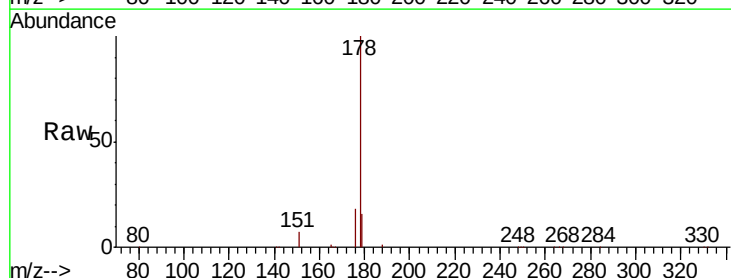
Tgt Ion:178 Resp: 44500

Ion Ratio Lower Upper

178 100

176 18.0 14.9 22.3

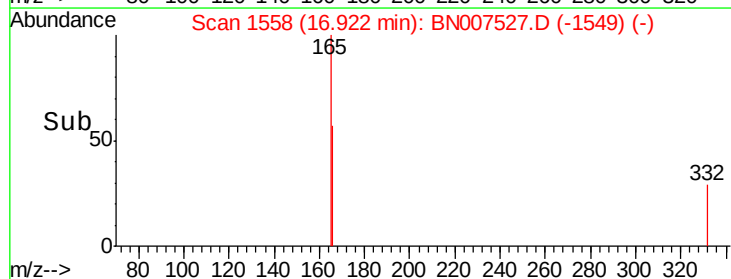
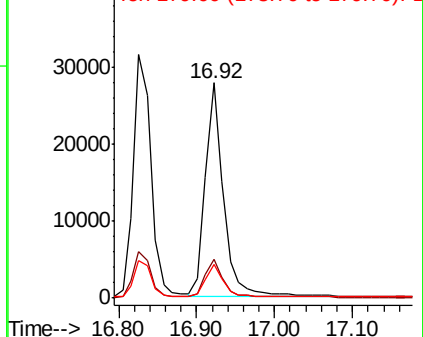
179 15.2 12.4 18.6

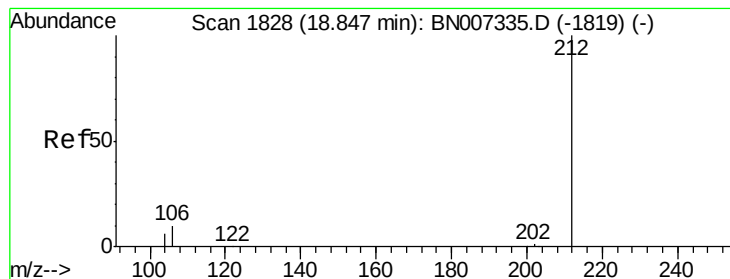


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 18.84 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

ClientSampleId :

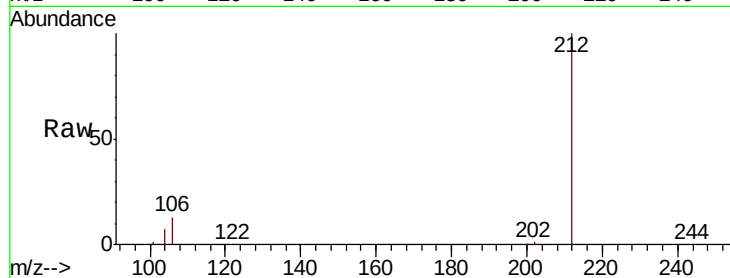
Tot Ion:212 Resp: 50614

Ion Ratio Lower Upper

212 100

106 12.8 9.0 13.4

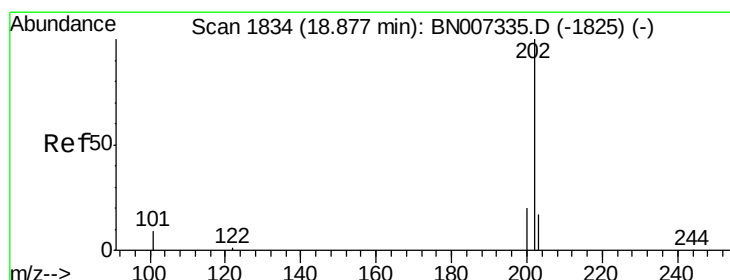
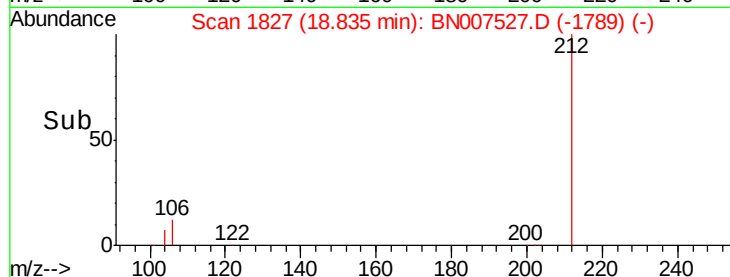
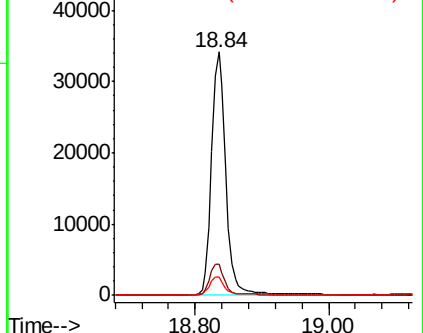
104 7.0 5.4 8.2



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: 0.388 ng

RT: 18.86 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

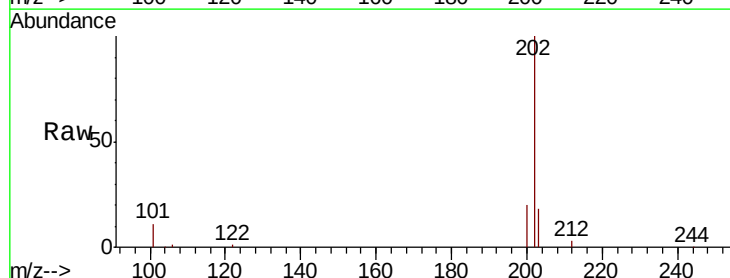
Tgt Ion:202 Resp: 61963

Ion Ratio Lower Upper

202 100

101 10.8 7.7 11.5

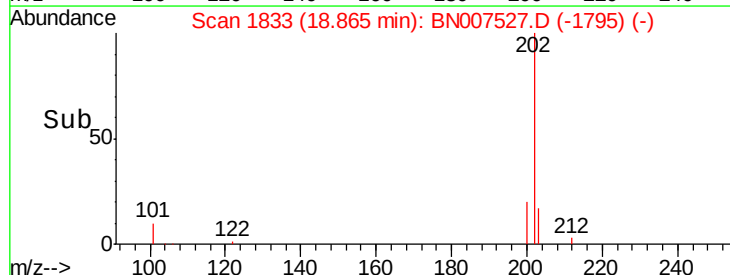
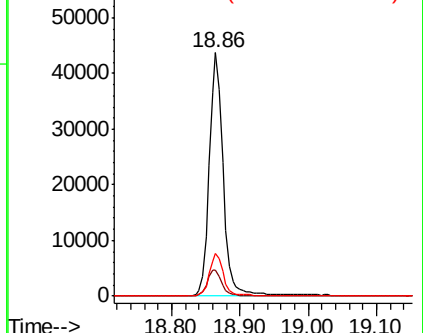
203 17.0 13.7 20.5

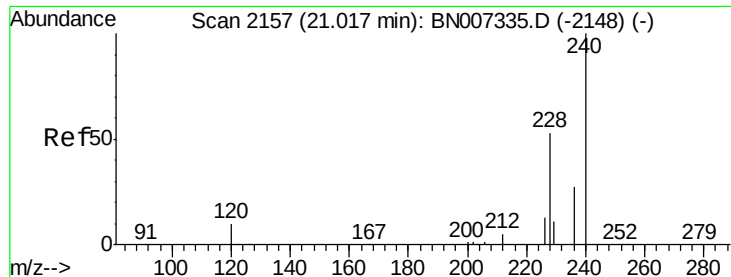


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

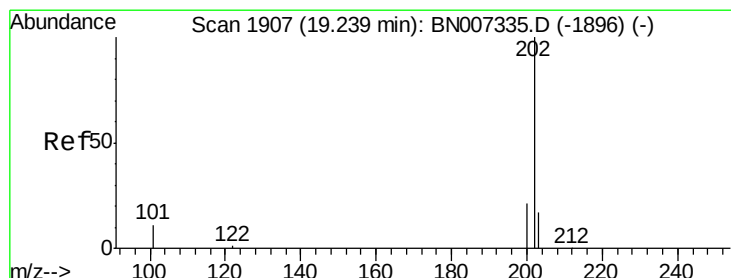
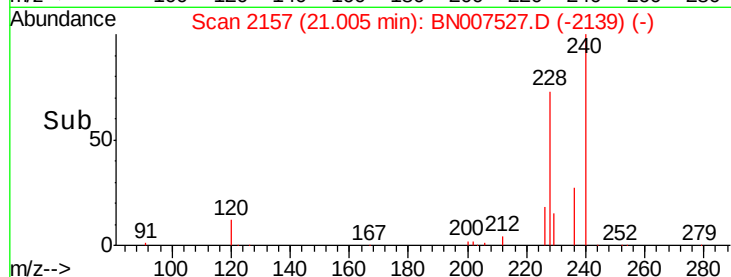
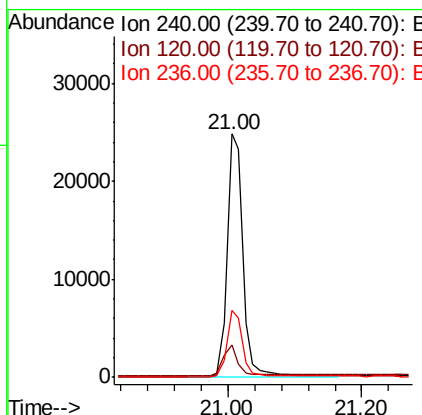
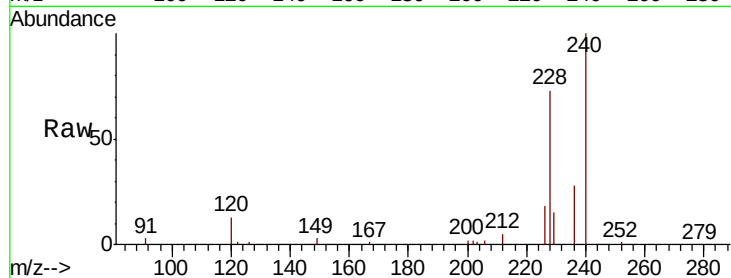




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

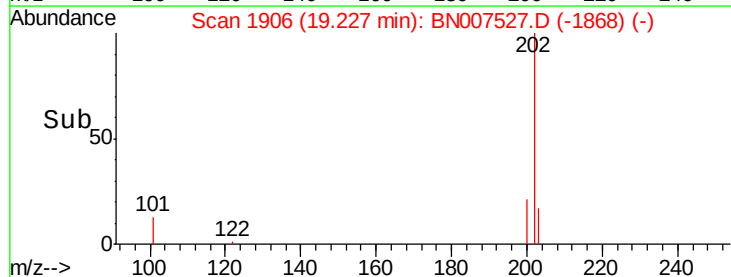
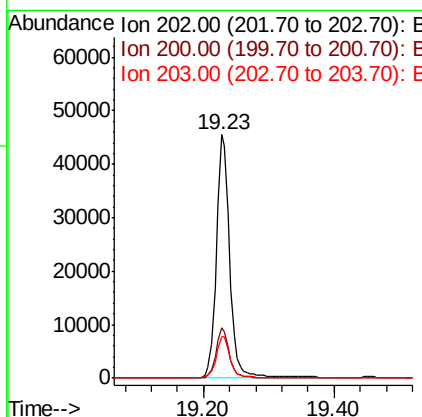
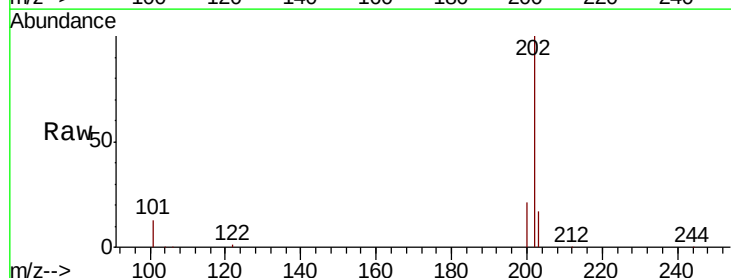
Instrument :
BNA_N
ClientSampleId :

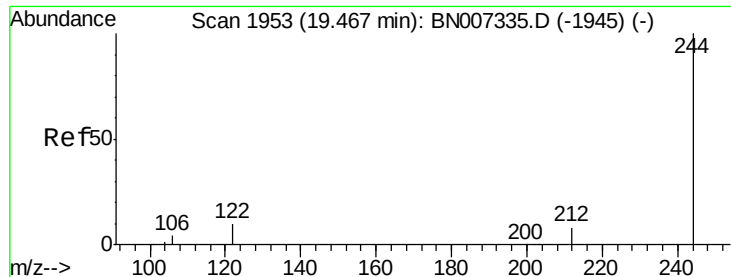
Tot Ion:240 Resp: 40158
Ion Ratio Lower Upper
240 100
120 13.2 9.6 14.4
236 27.6 22.2 33.2



#28
Pyrene
Concen: 0.395 ng
RT: 19.23 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Tgt Ion:202 Resp: 63842
Ion Ratio Lower Upper
202 100
200 20.1 16.6 25.0
203 17.4 14.2 21.4





#29

Terphenyl-d14

Concen: 0.389 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

ClientSampled :

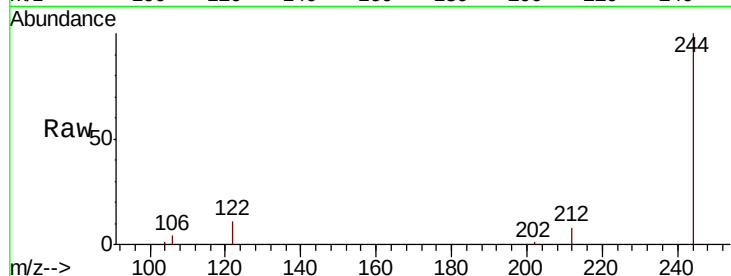
Tot Ion:244 Resp: 40895

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.6

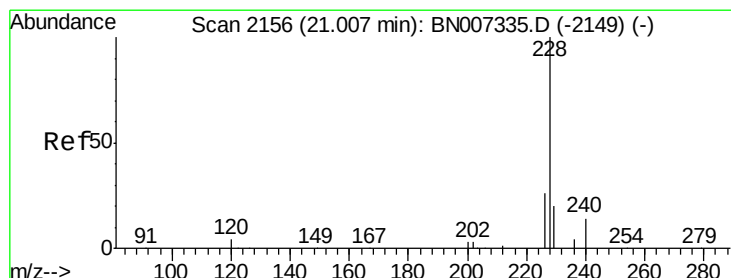
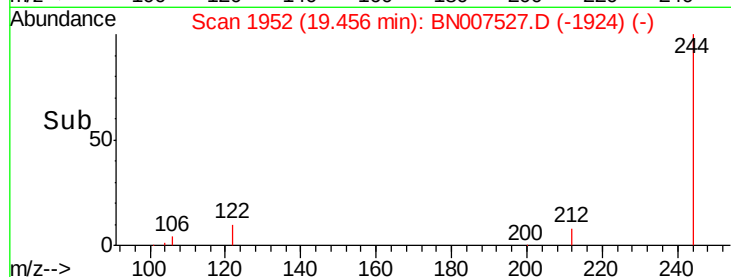
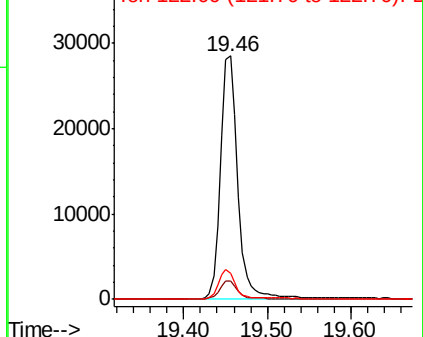
122 10.8 9.6 14.4



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: 0.360 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

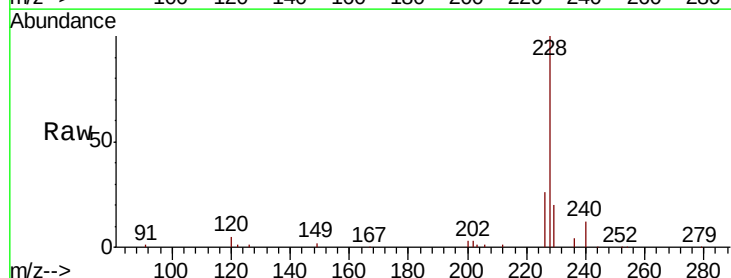
Tgt Ion:228 Resp: 56837

Ion Ratio Lower Upper

228 100

226 26.2 21.3 31.9

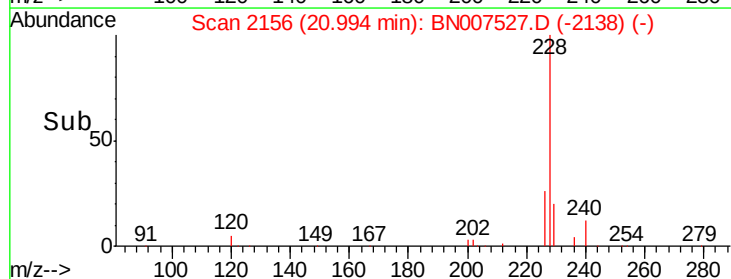
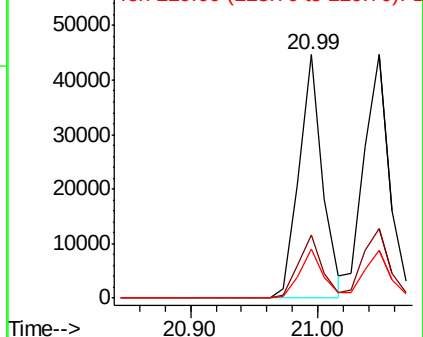
229 20.1 16.1 24.1

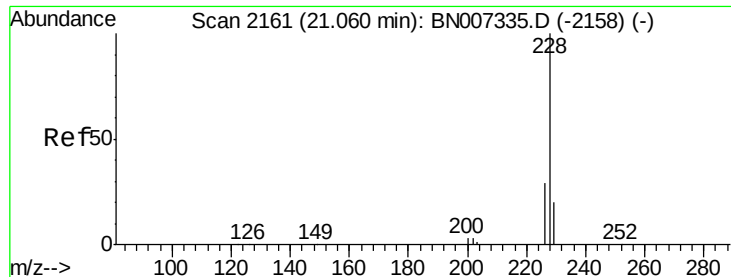


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

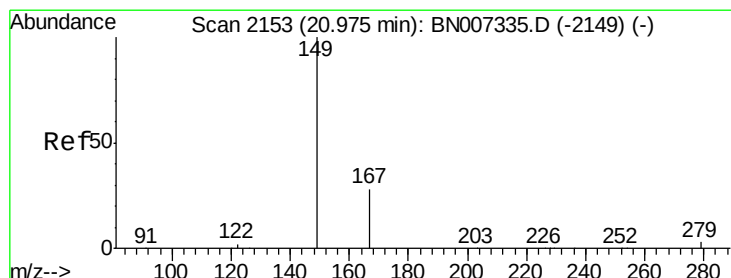
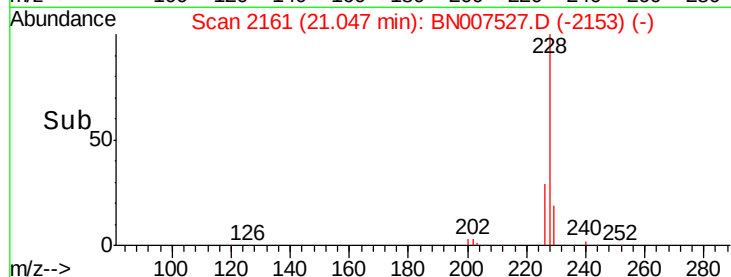
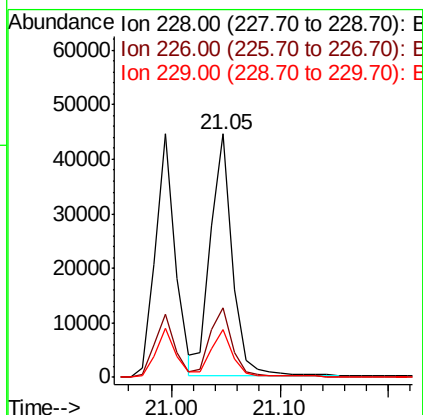
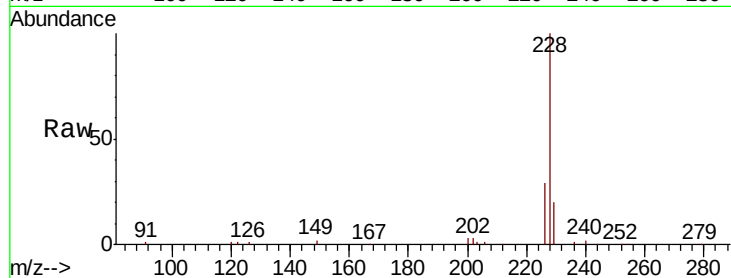




#31
Chrysene
Concen: 0.405 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

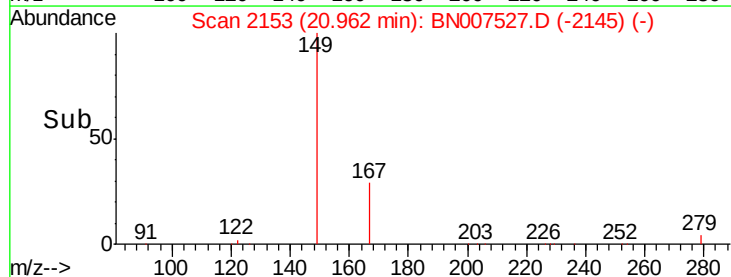
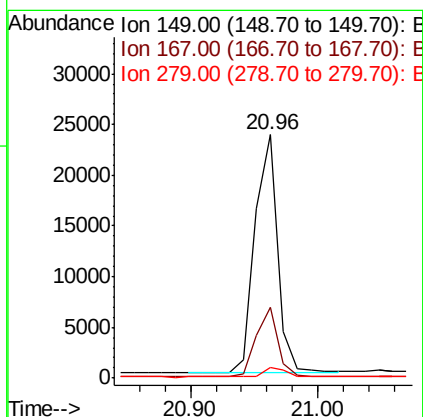
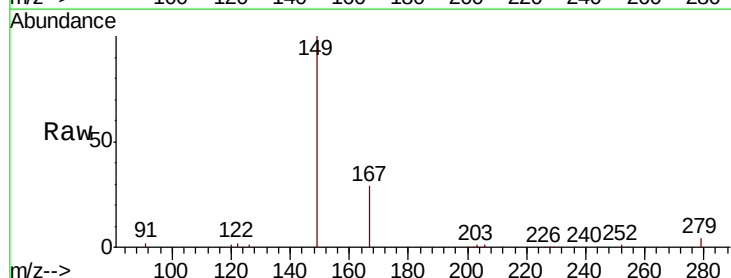
Instrument :
BNA_N
ClientSampled :

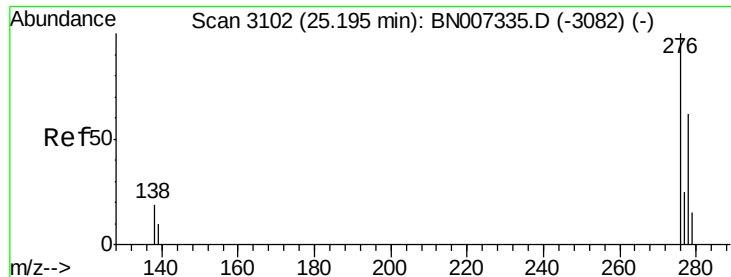
Tot Ion:228 Resp: 61711
Ion Ratio Lower Upper
228 100
226 28.8 23.5 35.3
229 19.6 16.6 24.8



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.267 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007527.D
Acq: 01 Sep 2019 16:14

Tgt Ion:149 Resp: 29137
Ion Ratio Lower Upper
149 100
167 27.8 22.8 34.2
279 4.1 3.5 5.3

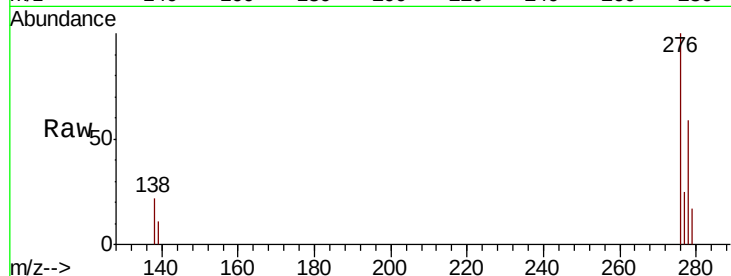




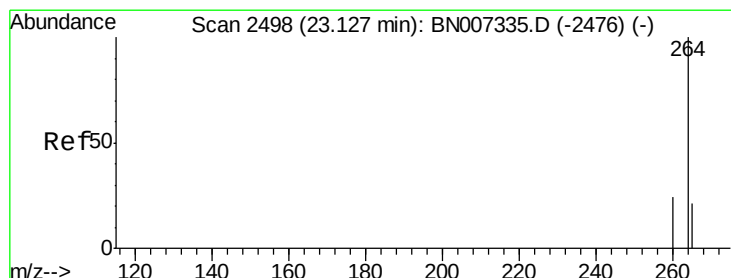
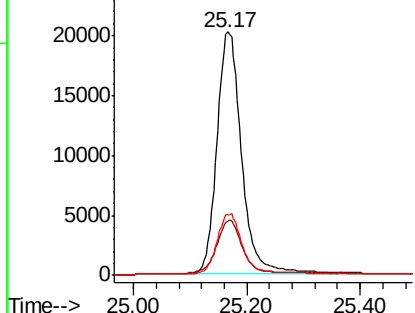
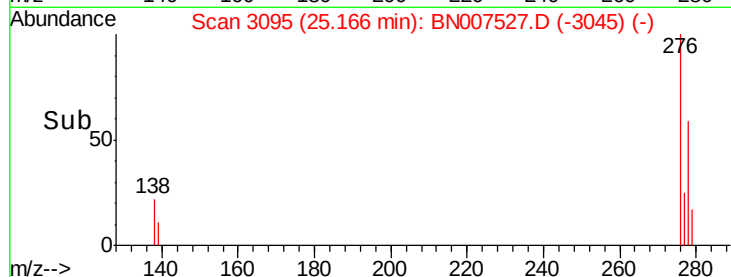
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.333 ng
 RT: 25.17 min Scan# 3095
 Delta R.T. -0.03 min
 Lab File: BN007527.D
 Acq: 01 Sep 2019 16:14

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 60983
 Ion Ratio Lower Upper
 276 100
 138 22.6 15.1 22.7
 277 24.0 19.7 29.5

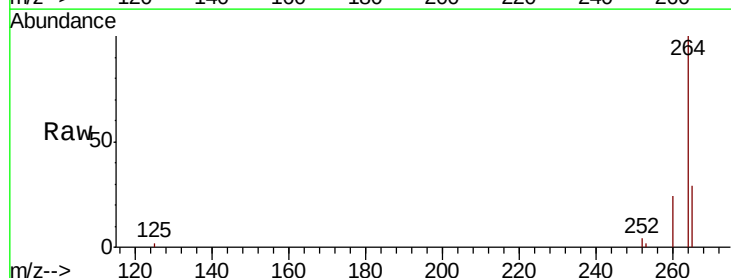


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

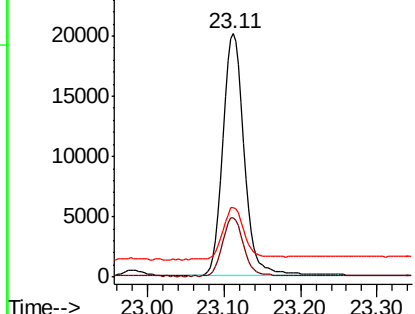
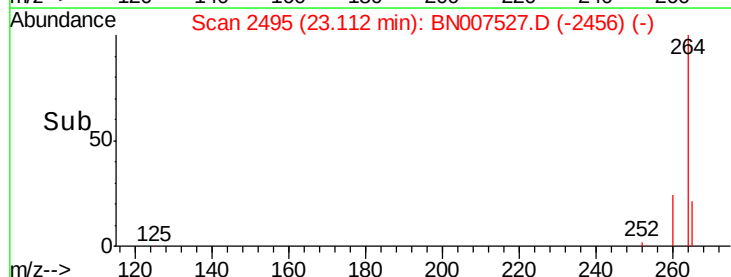


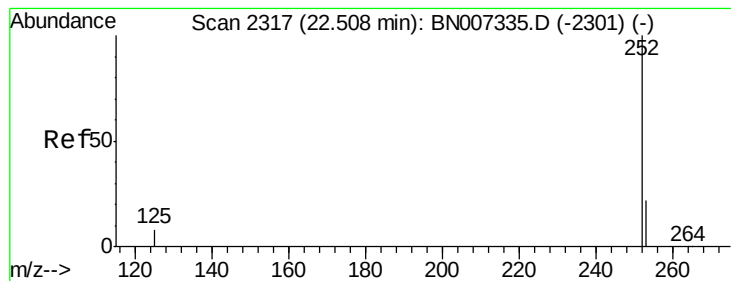
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2495
 Delta R.T. -0.02 min
 Lab File: BN007527.D
 Acq: 01 Sep 2019 16:14

Tgt Ion:264 Resp: 39820
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.7 29.5
 265 28.7 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: 0.427 ng

RT: 22.53 min Scan# 2326

Delta R.T. 0.03 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

ClientSampleId :

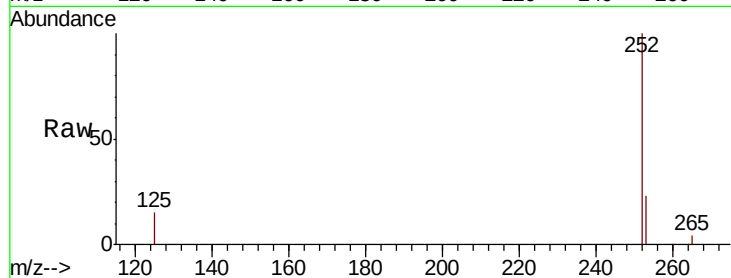
Tot Ion:252 Resp: 61557

Ion Ratio Lower Upper

252 100

253 23.0 19.2 28.8

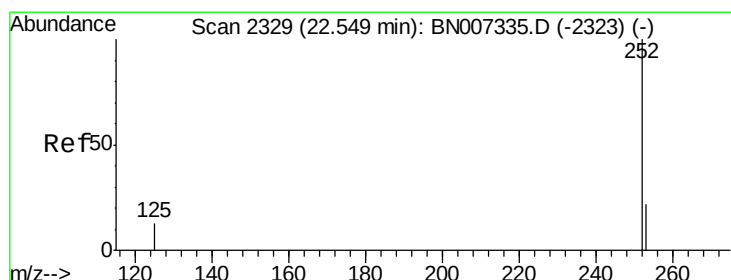
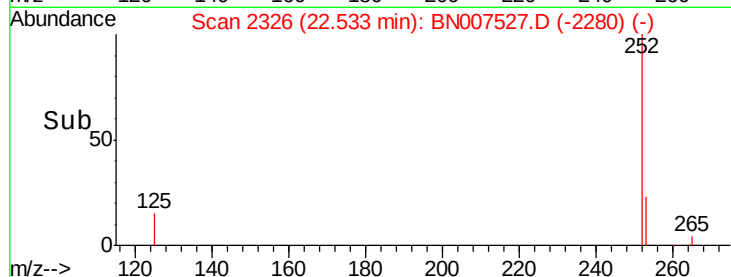
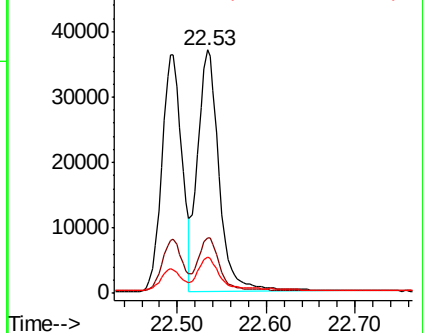
125 14.9 10.6 16.0



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: 0.436 ng

RT: 22.53 min Scan# 2326

Delta R.T. -0.02 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

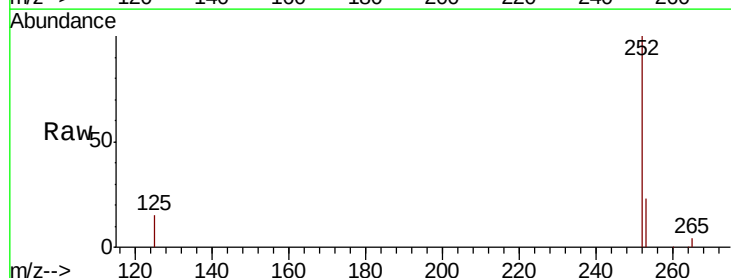
Tgt Ion:252 Resp: 62215

Ion Ratio Lower Upper

252 100

253 23.0 19.4 29.2

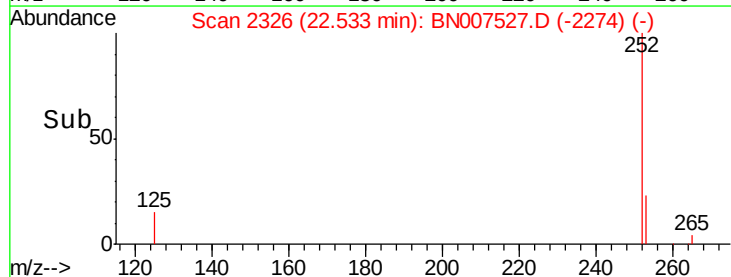
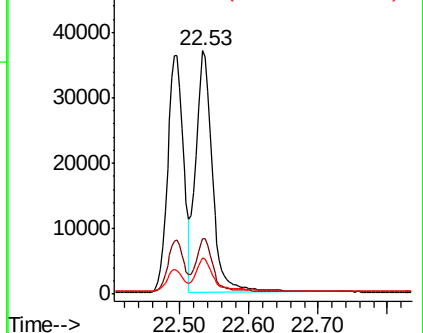
125 14.9 13.1 19.7

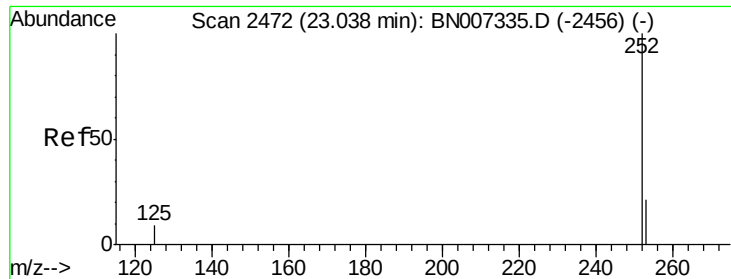


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.02 min Scan# 2468

Delta R.T. -0.02 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

ClientSampleId :

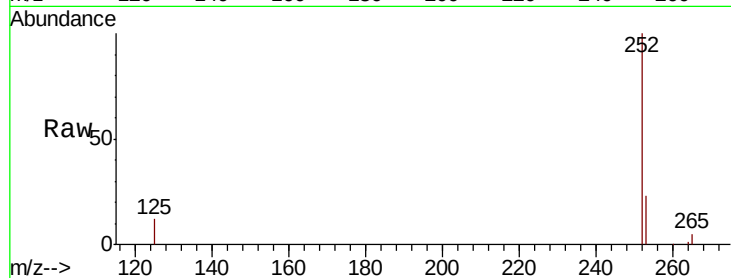
Tot Ion:252 Resp: 51455

Ion Ratio Lower Upper

252 100

253 22.6 19.5 29.3

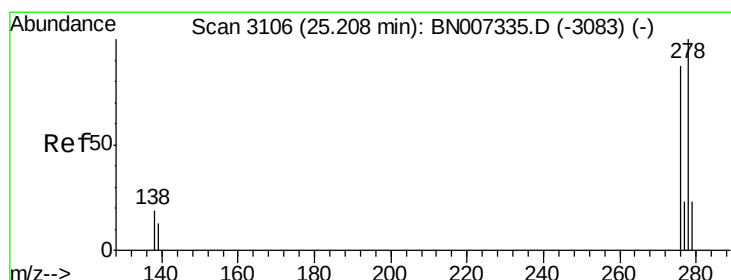
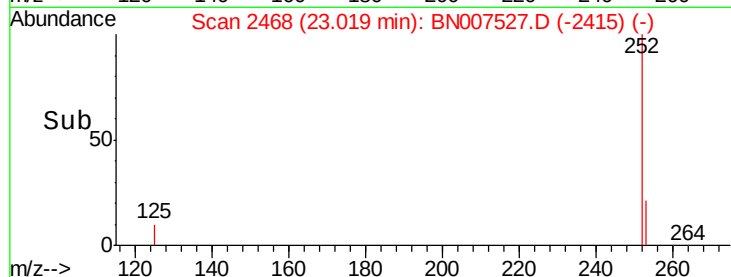
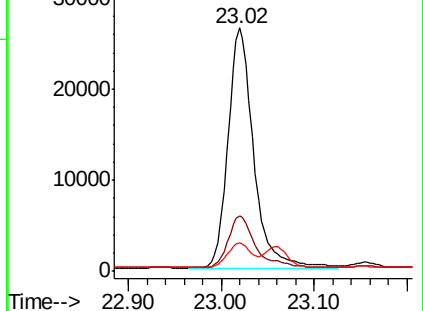
125 11.6 12.1 18.1#



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: 0.357 ng

RT: 25.18 min Scan# 3099

Delta R.T. -0.03 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

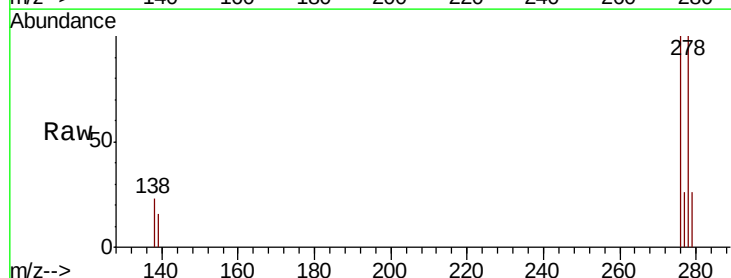
Tgt Ion:278 Resp: 48949

Ion Ratio Lower Upper

278 100

139 16.1 13.7 20.5

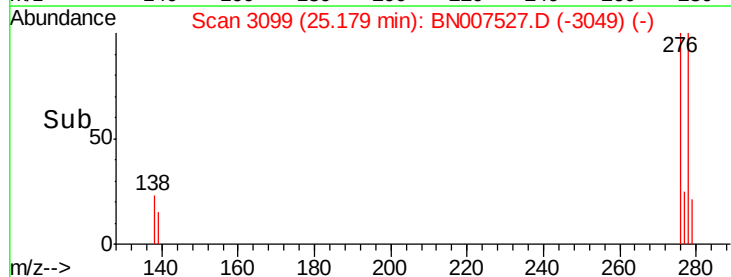
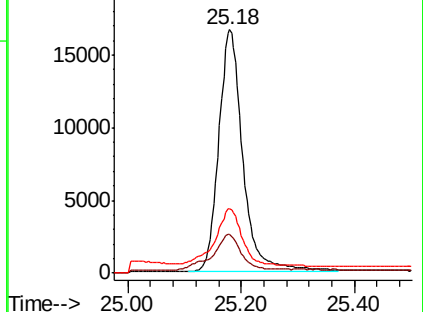
279 26.3 20.2 30.4

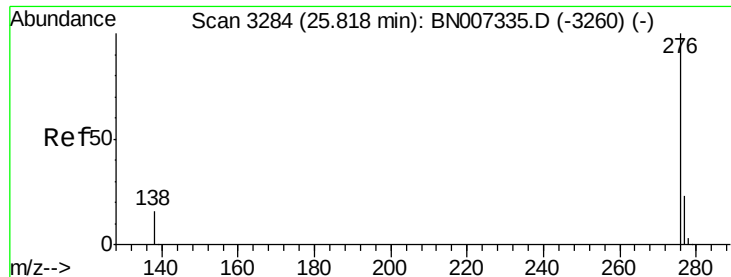


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.359 ng

RT: 25.79 min Scan# 3278

Delta R.T. -0.03 min

Lab File: BN007527.D

Acq: 01 Sep 2019 16:14

Instrument :

BNA_N

ClientSampleId :

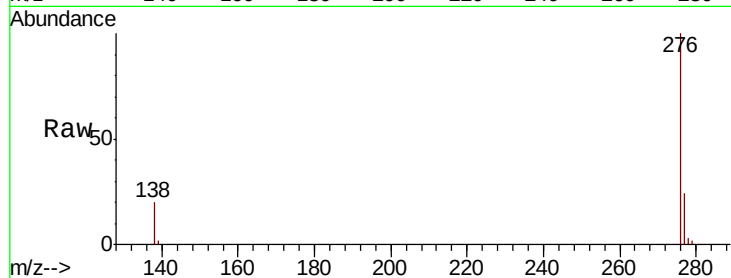
Tot Ion:276 Resp: 48993

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 19.8 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

