

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090519\
 Data File : BN007543.D
 Acq On : 05 Sep 2019 21:16
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 06 02:00:30 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	6140	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	28315	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	17392	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	41707	0.40	ng	0.00
27) Chrysene-d12	21.00	240	34982	0.40	ng	-0.01
34) Perylene-d12	23.11	264	31766	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	6736	0.31	ng	-0.02
5) Phenol-d6	6.58	99	8613	0.31	ng	0.00
8) Nitrobenzene-d5	8.53	82	7556	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	18940	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	2578	0.28	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	27714	0.40	ng	0.00
25) Fluoranthene-d10	18.84	212	46662	0.35	ng	-0.01
29) Terphenyl-d14	19.46	244	38958	0.43	ng	-0.01

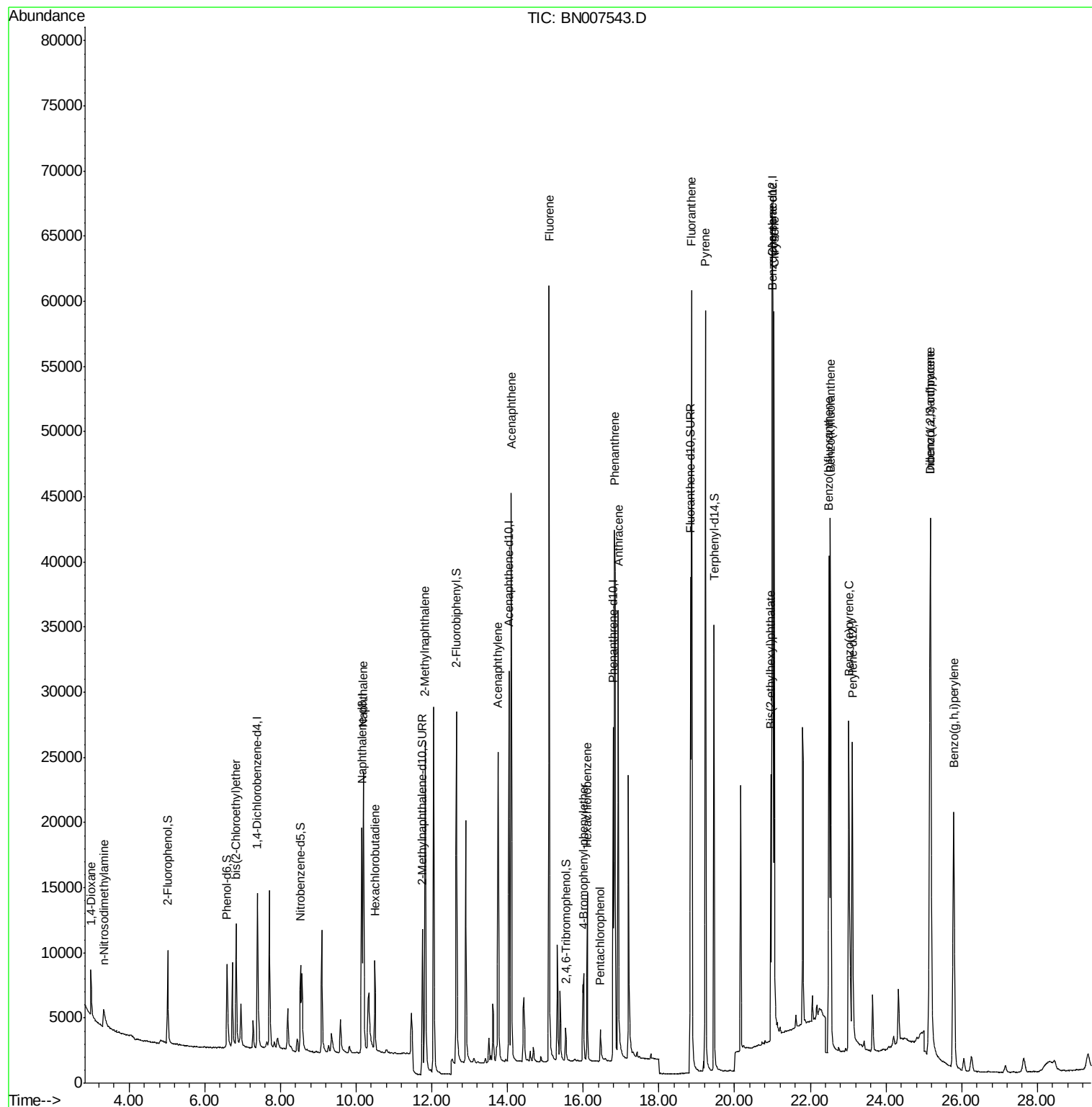
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	3835	0.376	ng	# 85
3) n-Nitrosodimethylamine	3.32	42	1266	0.267	ng	# 76
6) bis(2-Chloroethyl)ether	6.83	93	8668	0.391	ng	99
9) Naphthalene	10.19	128	32007	0.396	ng	# 90
10) Hexachlorobutadiene	10.49	225	5762	0.348	ng	# 99
12) 2-Methylnaphthalene	11.82	142	22704	0.412	ng	94
16) Acenaphthylene	13.75	152	32211	0.313	ng	99
17) Acenaphthene	14.10	154	23291	0.387	ng	98
18) Fluorene	15.09	166	30187	0.396	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	2554	0.155	ng	# 86
21) Hexachlorobenzene	16.10	284	10785	0.386	ng	96
22) Pentachlorophenol	16.45	266	1893	0.218	ng	# 64
23) Phenanthrene	16.83	178	49049	0.391	ng	99
24) Anthracene	16.92	178	41873	0.332	ng	99
26) Fluoranthene	18.86	202	57351	0.356	ng	99
28) Pyrene	19.23	202	58044	0.412	ng	99
30) Benzo(a)anthracene	20.99	228	46864	0.341	ng	99
31) Chrysene	21.05	228	52834	0.398	ng	99
32) Bis(2-ethylhexyl)phthalate	20.96	149	21700	0.225	ng	99
33) Indeno(1,2,3-cd)pyrene	25.17	276	49925	0.313	ng	# 96
35) Benzo(b)fluoranthene	22.49	252	45712	0.397	ng	# 95
36) Benzo(k)fluoranthene	22.53	252	48320	0.425	ng	97
37) Benzo(a)pyrene	23.02	252	39605	0.362	ng	# 95
38) Dibenzo(a,h)anthracene	25.18	278	39371	0.360	ng	# 89
39) Benzo(g,h,i)perylene	25.79	276	40795	0.375	ng	100

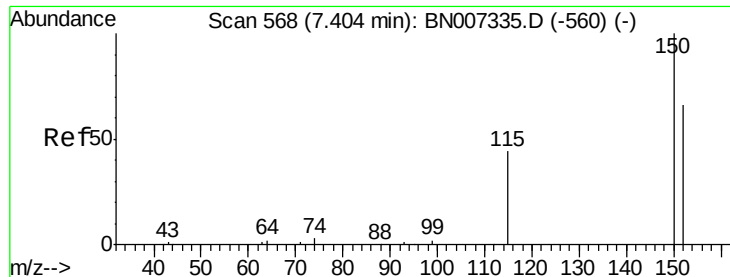
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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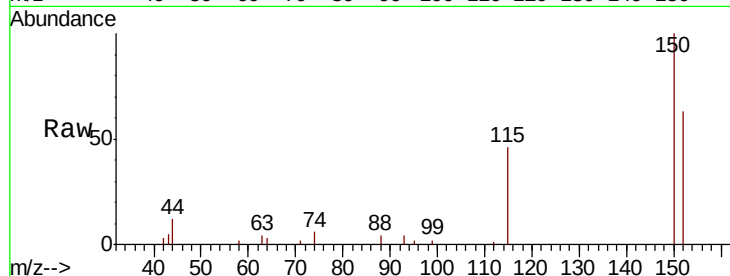


#1

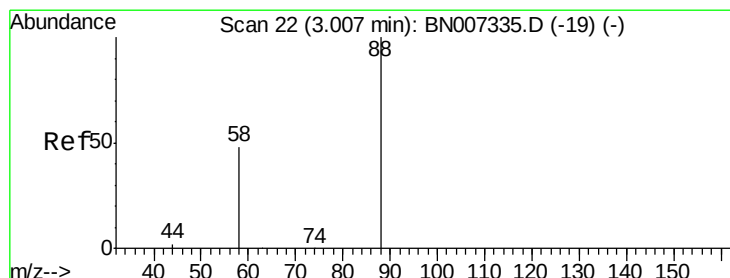
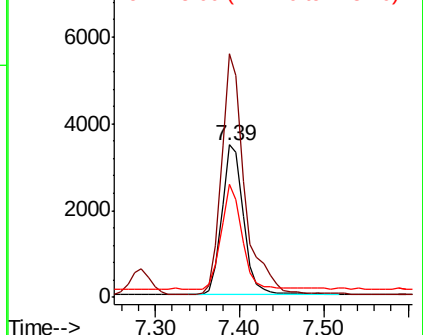
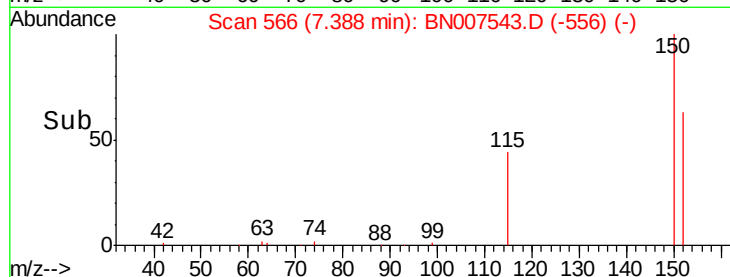
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 6140
Ion Ratio Lower Upper
152 100
150 159.9 109.1 163.7
115 74.0 59.6 89.4



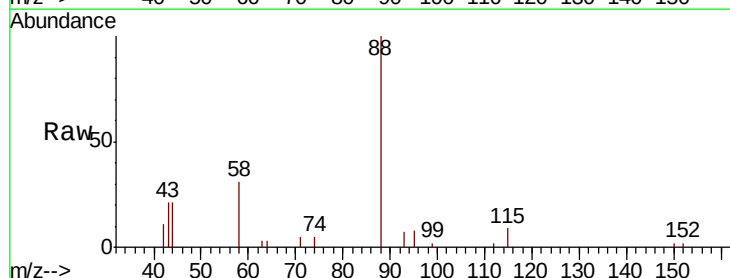
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



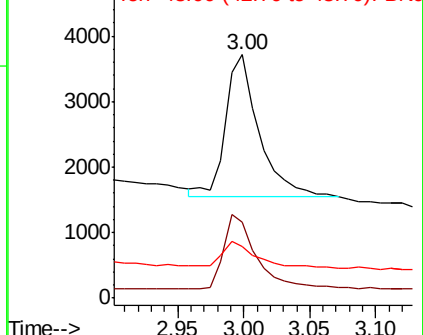
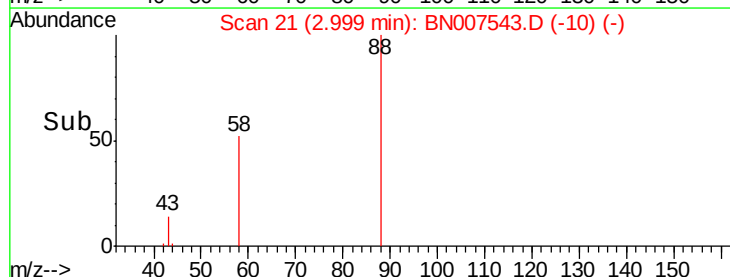
#2

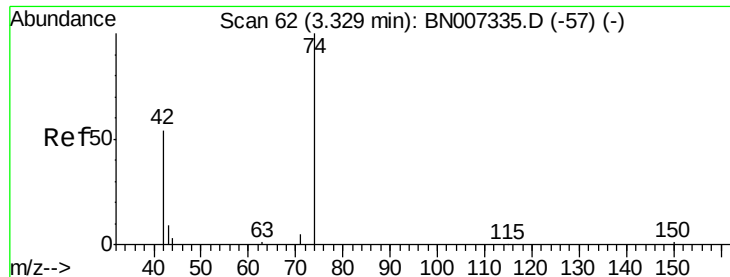
1,4-Dioxane
Concen: 0.376 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion: 88 Resp: 3835
Ion Ratio Lower Upper
88 100
58 51.2 50.5 75.7
43 18.4 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



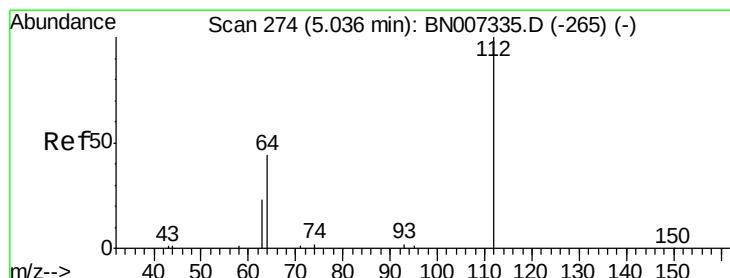
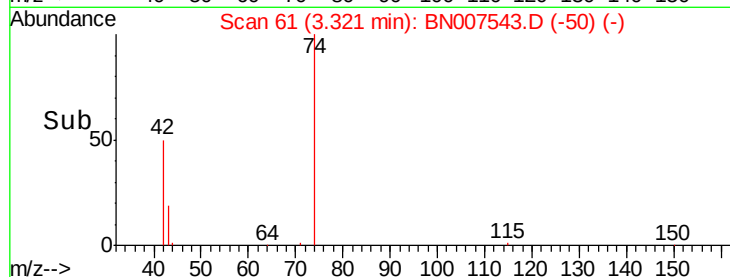
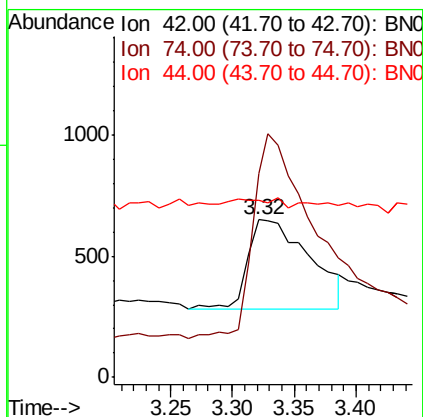
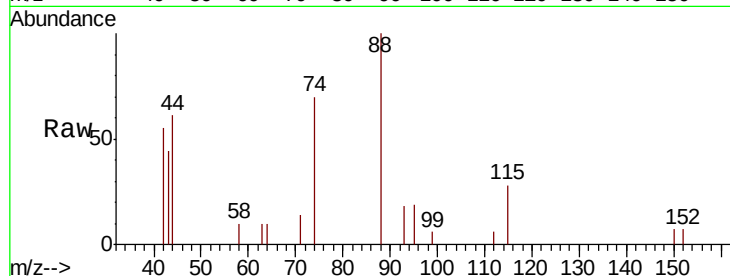


#3

n-Nitrosodimethylamine
 Concen: 0.267 ng
 RT: 3.32 min Scan# 61
 Delta R.T. -0.01 min
 Lab File: BN007543.D
 Acq: 05 Sep 2019 21:16

Instrument :
 BNA_N
 ClientSampleId :

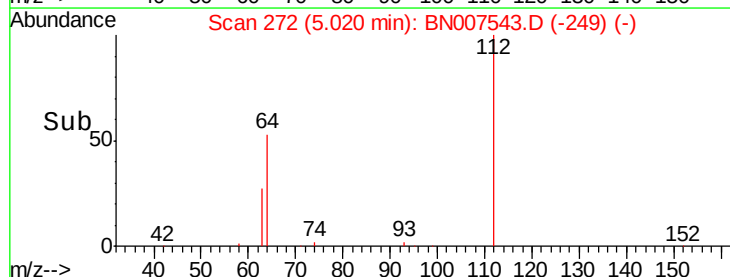
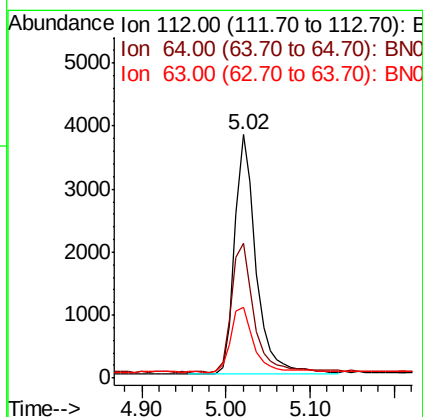
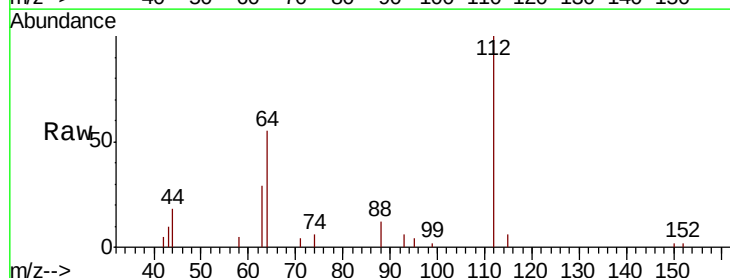
Tot Ion: 42 Resp: 1266
 Ion Ratio Lower Upper
 42 100
 74 216.0 144.7 217.1
 44 7.1 3.2 4.8#

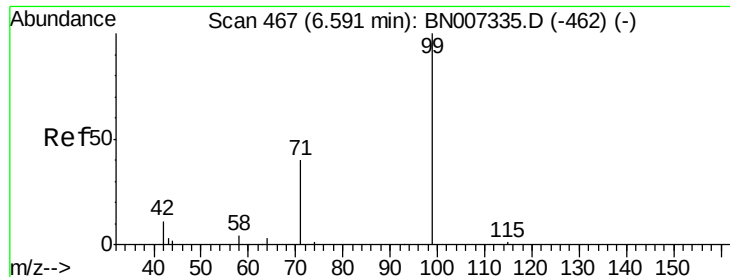


#4

2-Fluorophenol
 Concen: 0.310 ng
 RT: 5.02 min Scan# 272
 Delta R.T. -0.02 min
 Lab File: BN007543.D
 Acq: 05 Sep 2019 21:16

Tgt Ion: 112 Resp: 6736
 Ion Ratio Lower Upper
 112 100
 64 56.5 42.3 63.5
 63 29.1 23.6 35.4





#5

Phenol-d6

Concen: 0.311 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

Instrument :

BNA_N

ClientSampleId :

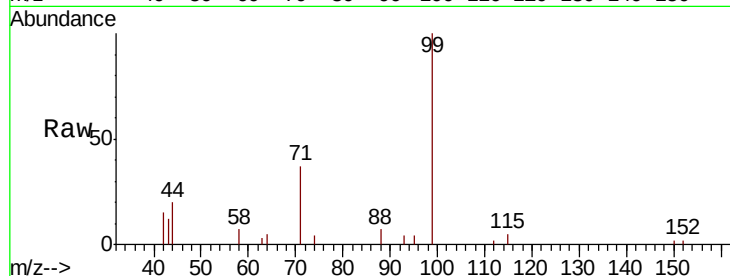
Tot Ion: 99 Resp: 8613

Ion Ratio Lower Upper

99 100

42 11.2 11.2 16.8

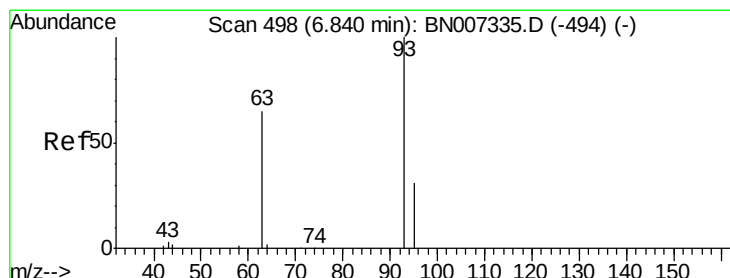
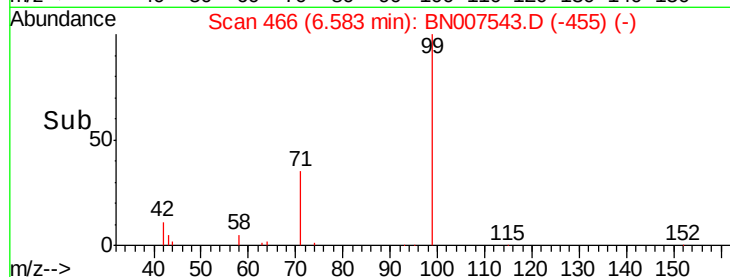
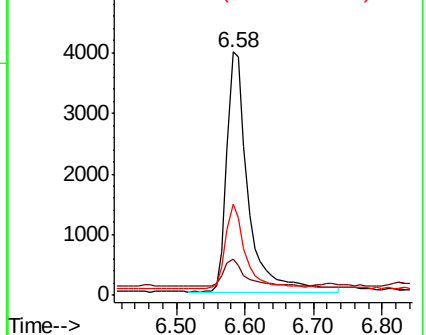
71 33.2 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007543.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN007543.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN007543.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.391 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

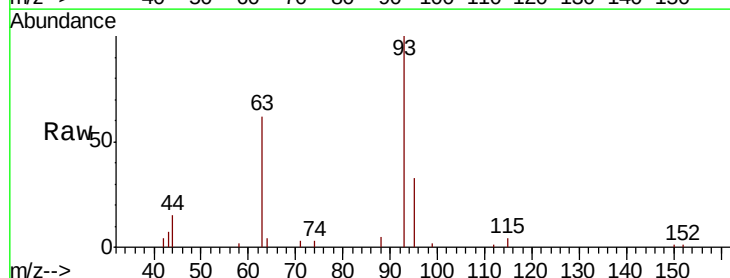
Tgt Ion: 93 Resp: 8668

Ion Ratio Lower Upper

93 100

63 64.7 51.9 77.9

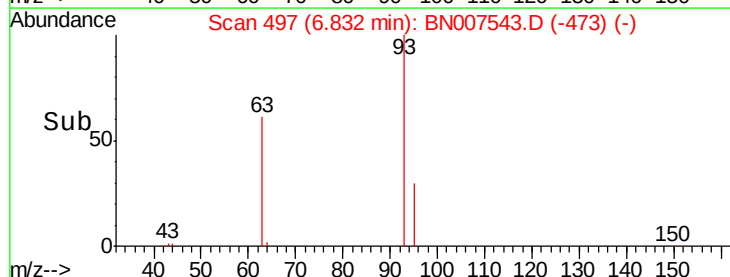
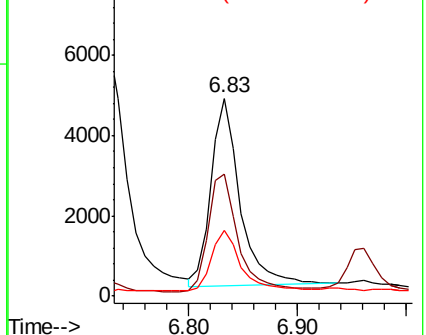
95 33.0 27.7 41.5

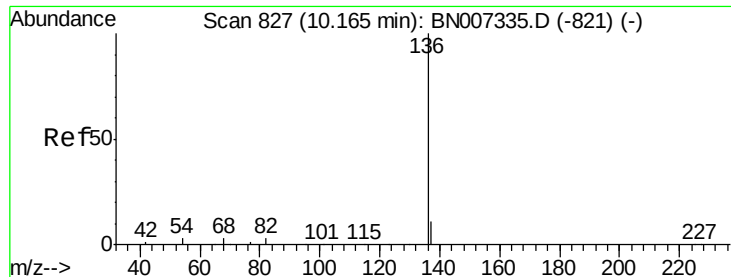


Abundance Ion 93.00 (92.70 to 93.70): BN007543.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN007543.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN007543.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 28315

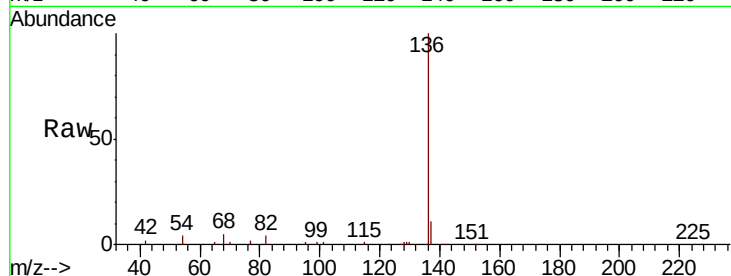
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 3.6 8.6 12.8#

68 5.1 17.0 25.4#

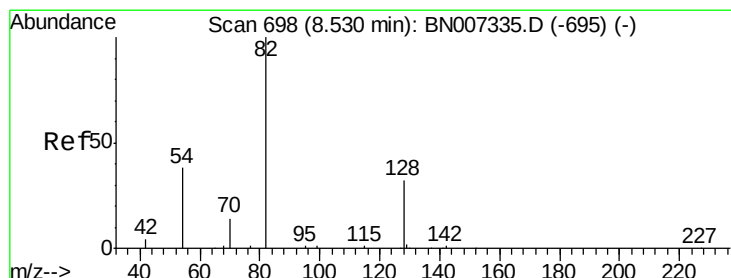
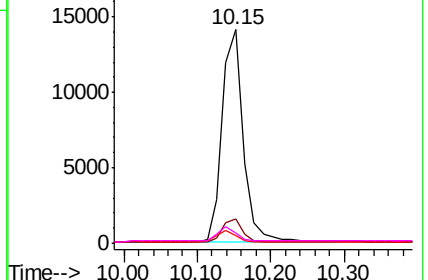
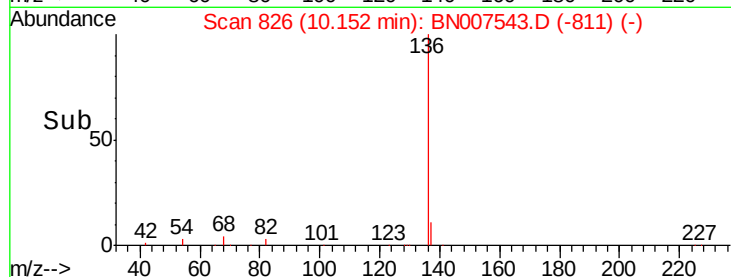


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.307 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

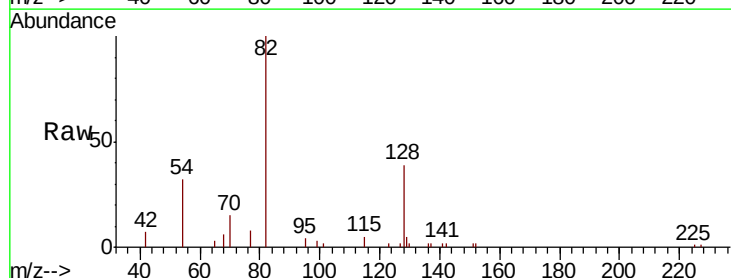
Tgt Ion: 82 Resp: 7556

Ion Ratio Lower Upper

82 100

128 39.0 19.7 29.5#

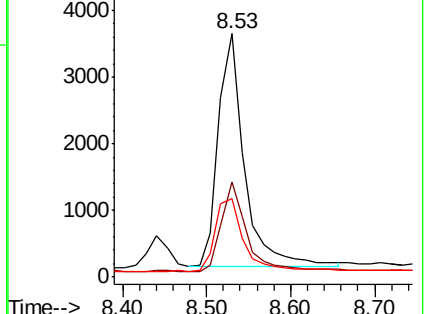
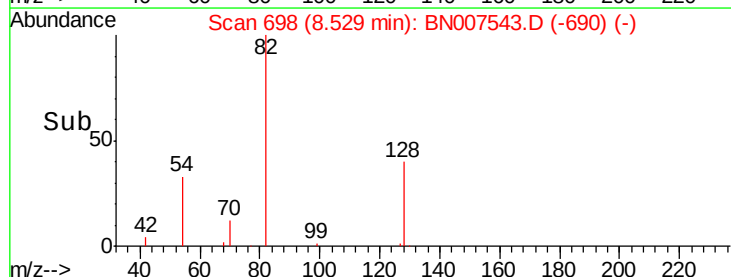
54 32.3 25.8 38.6

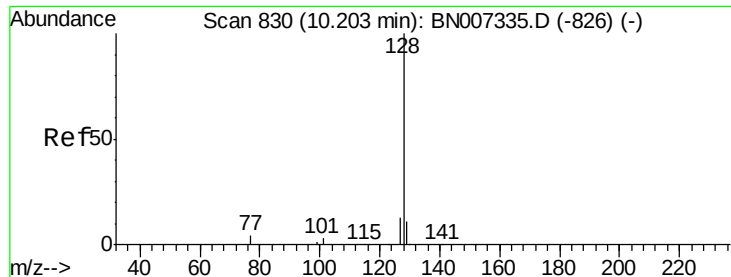


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

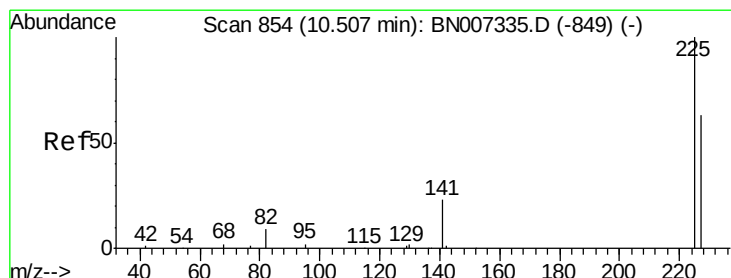
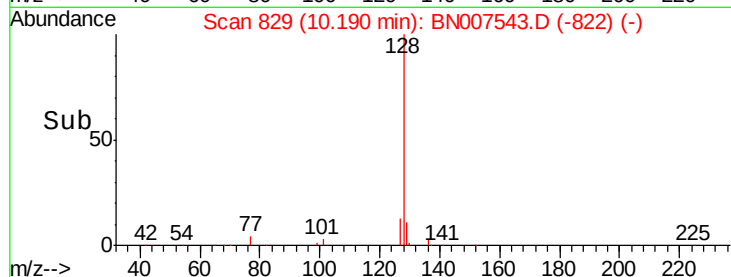
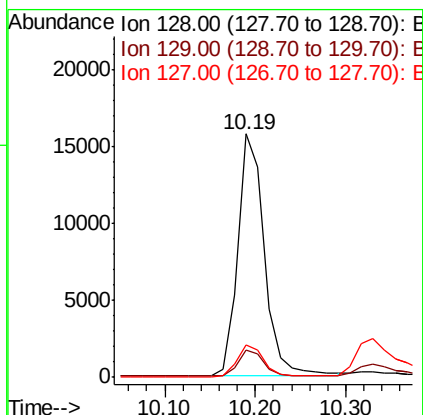
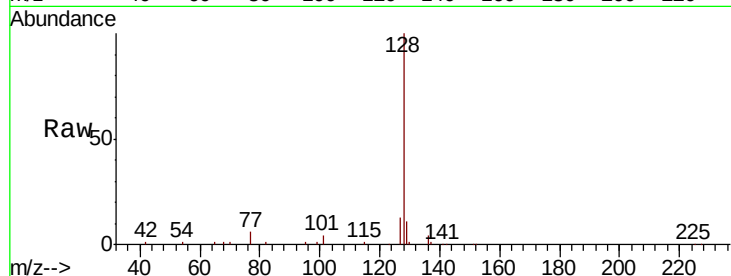




#9
Naphthalene
Concen: 0.396 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

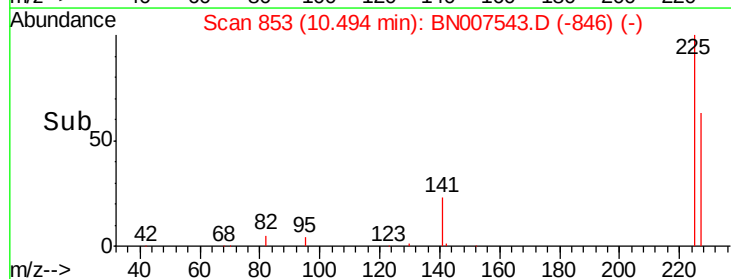
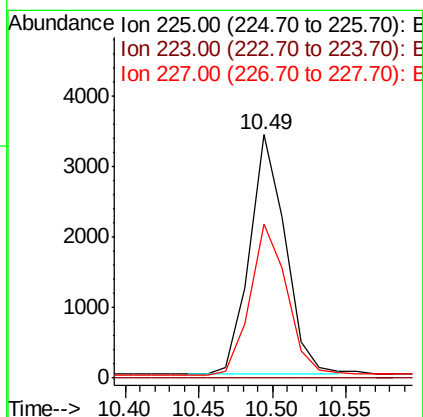
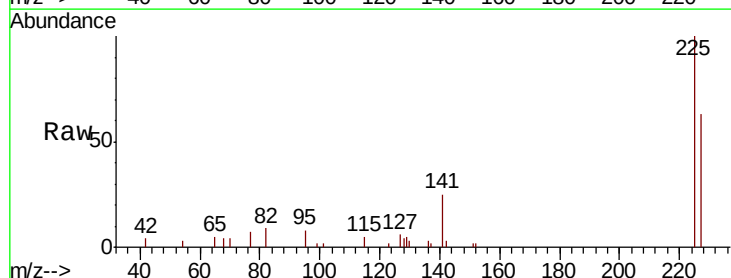
Instrument :
BNA_N
ClientSampleId :

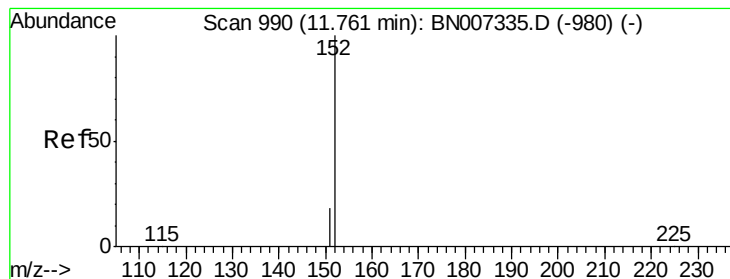
Tot Ion:128 Resp: 32007
Ion Ratio Lower Upper
128 100
129 11.4 11.1 16.7
127 13.5 15.5 23.3#



#10
Hexachlorobutadiene
Concen: 0.348 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:225 Resp: 5762
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.2 50.7 76.1





#11

2-Methylnaphthalene-d10

Concen: 0.403 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

Instrument :

BNA_N

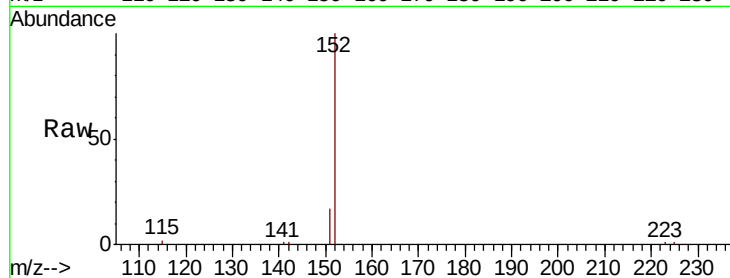
ClientSampleId :

Tot Ion:152 Resp: 18940

Ion Ratio Lower Upper

152 100

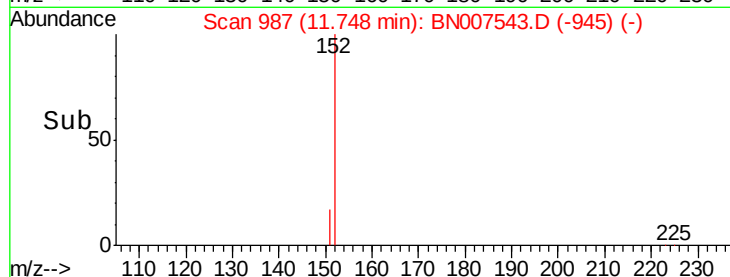
151 18.9 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.75



10000

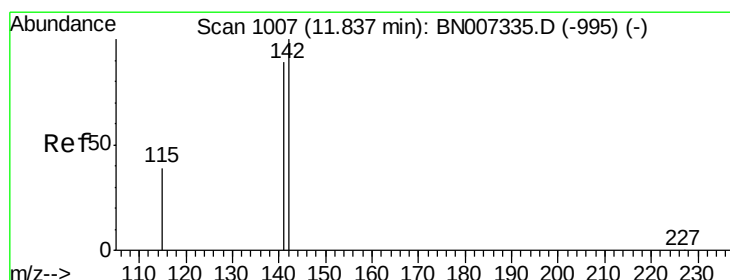
8000

6000

4000

2000

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.412 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

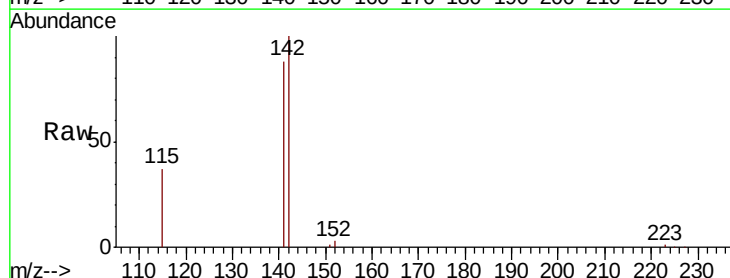
Tgt Ion:142 Resp: 22704

Ion Ratio Lower Upper

142 100

141 88.1 72.8 109.2

115 37.1 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

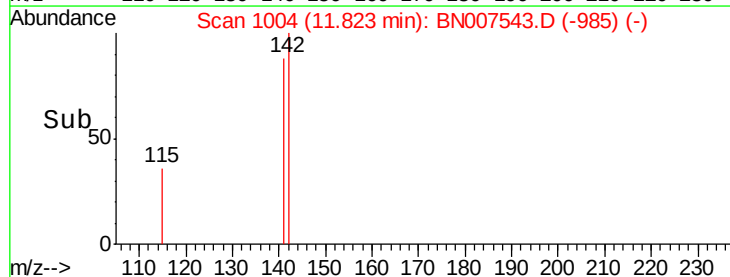
15000

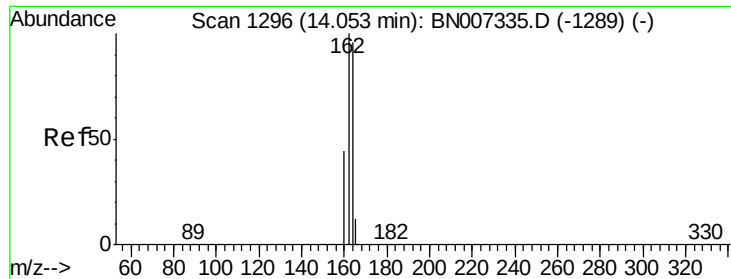
10000

5000

0

Time--> 11.80 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

Instrument :

BNA_N

ClientSampleId :

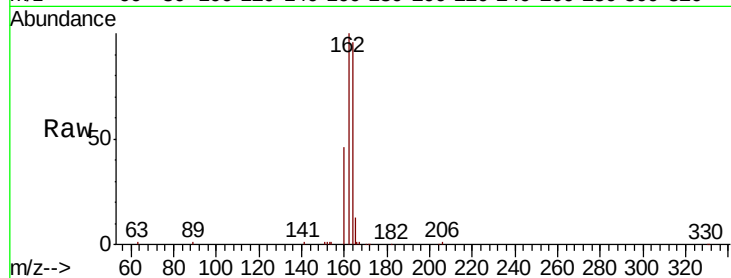
Tot Ion:164 Resp: 17392

Ion Ratio Lower Upper

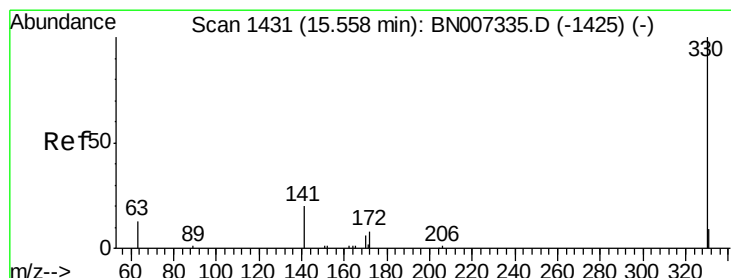
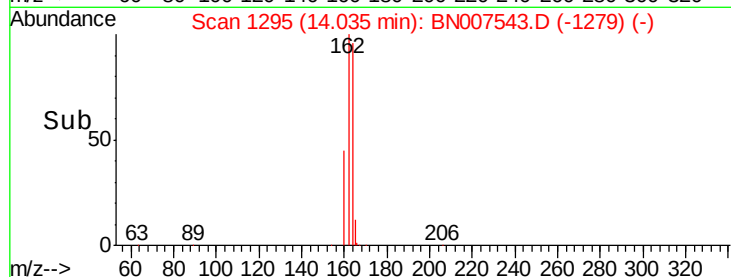
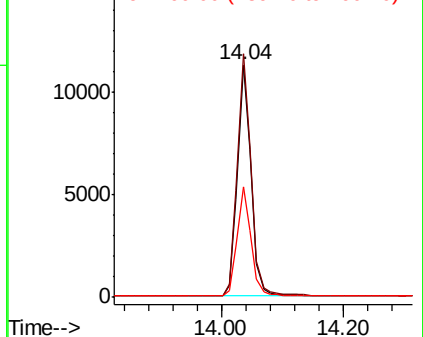
164 100

162 104.6 83.5 125.3

160 47.7 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: 0.283 ng

RT: 15.54 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

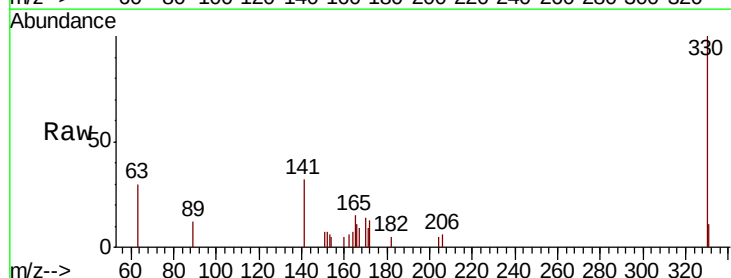
Tgt Ion:330 Resp: 2578

Ion Ratio Lower Upper

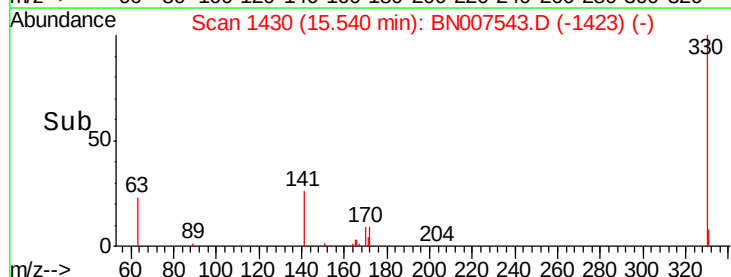
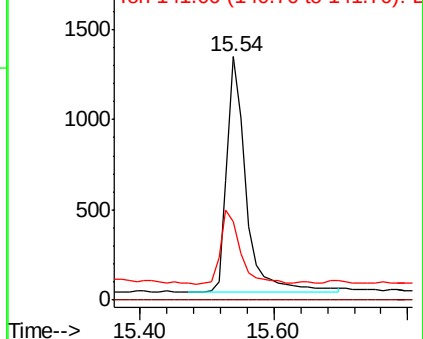
330 100

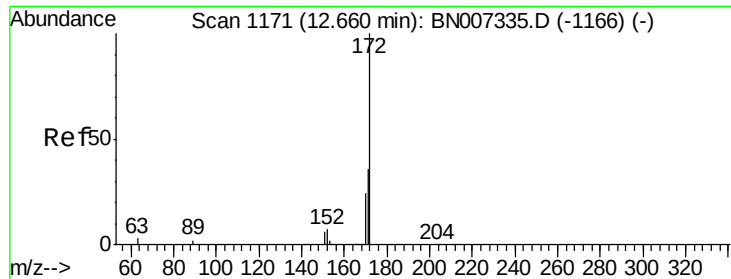
332 0.0 0.0 0.0

141 32.5 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

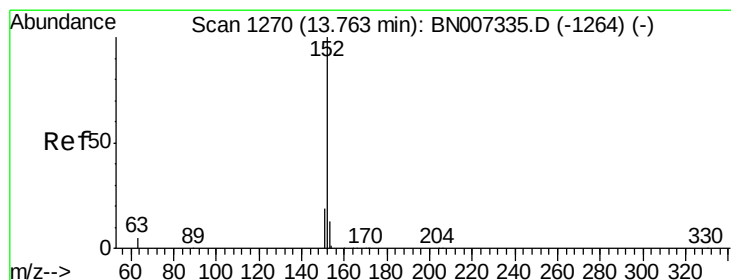
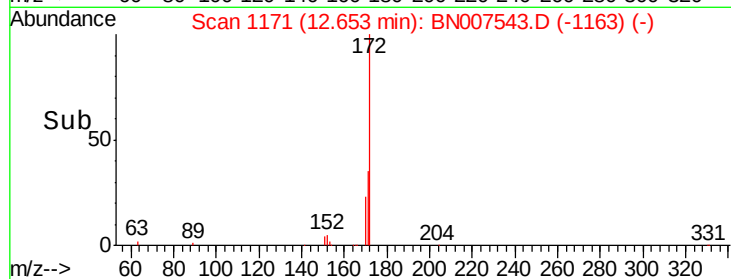
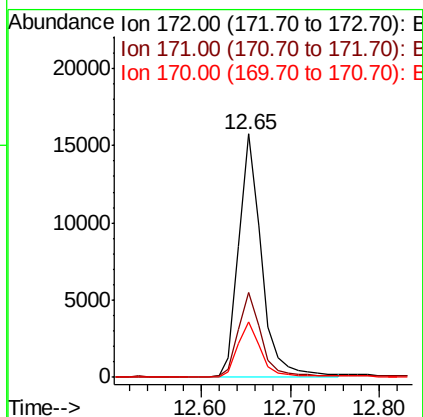
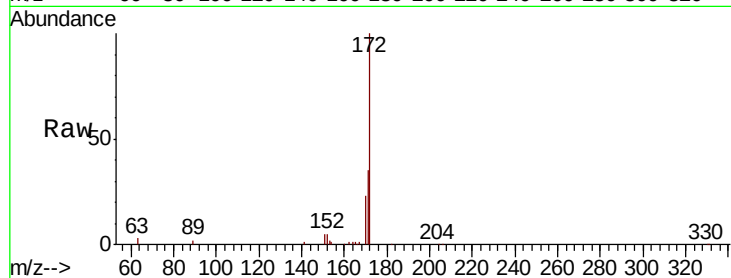




#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

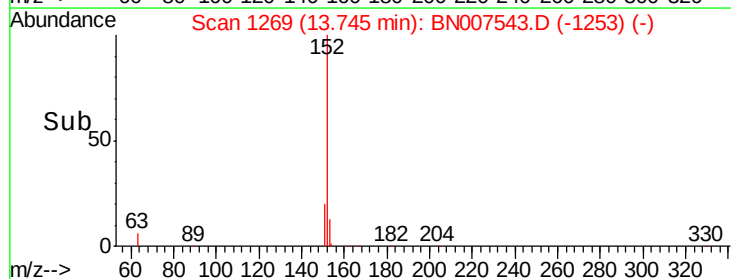
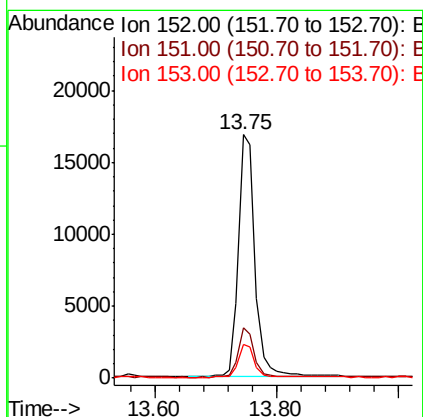
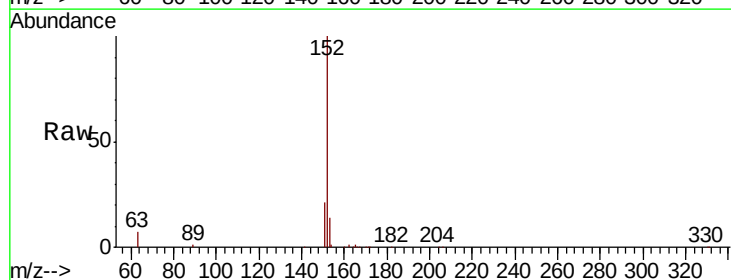
Instrument :
BNA_N
ClientSampleId :

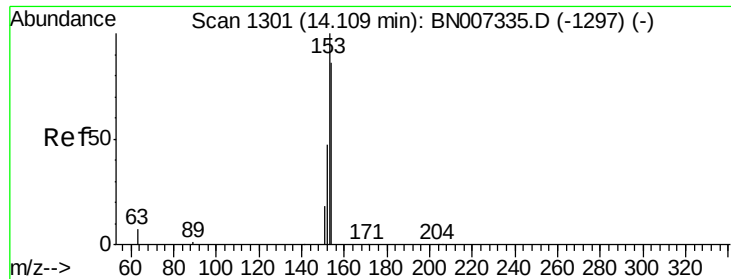
Tot Ion:172 Resp: 27714
Ion Ratio Lower Upper
172 100
171 34.8 30.3 45.5
170 22.8 20.7 31.1



#16
Acenaphthylene
Concen: 0.313 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:152 Resp: 32211
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.387 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

Instrument :

BNA_N

ClientSampleId :

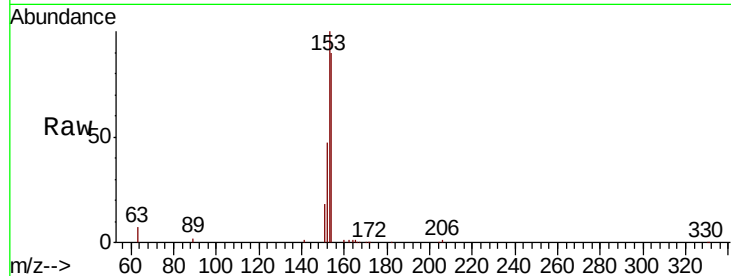
Tot Ion:154 Resp: 23291

Ion Ratio Lower Upper

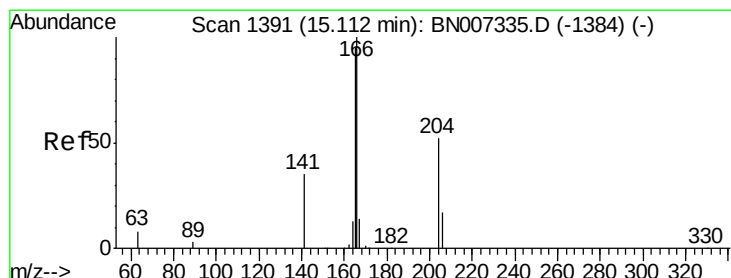
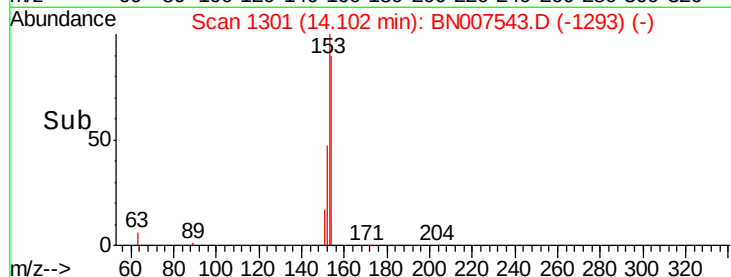
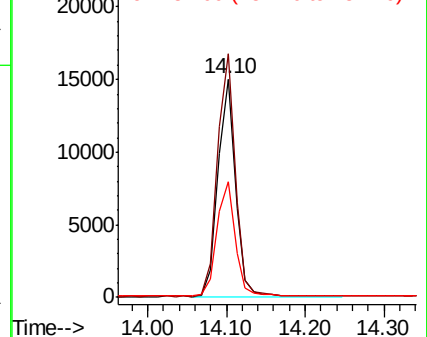
154 100

153 113.4 92.8 139.2

152 53.9 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: 0.396 ng

RT: 15.09 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

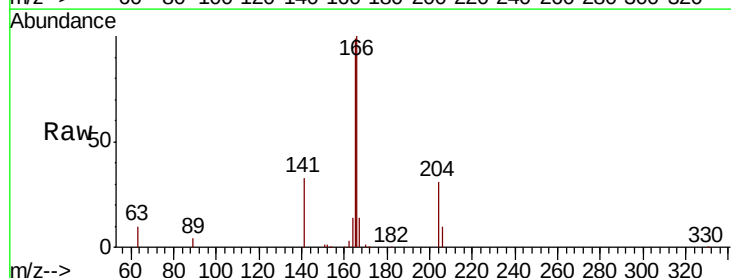
Tgt Ion:166 Resp: 30187

Ion Ratio Lower Upper

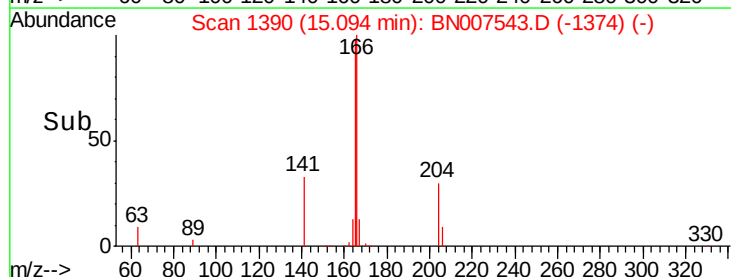
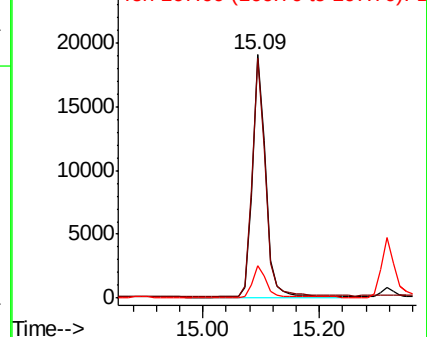
166 100

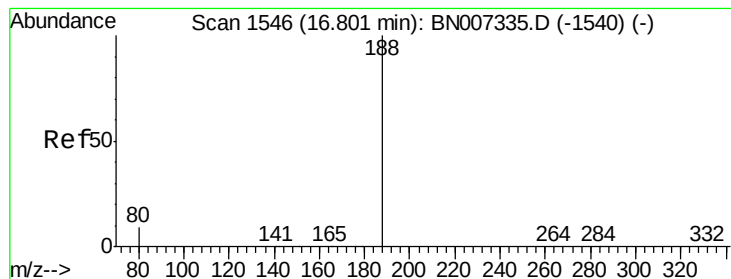
165 98.4 79.0 118.4

167 13.4 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: BN007543.D

Acq: 05 Sep 2019 21:16

Instrument :

BNA_N

ClientSampleId :

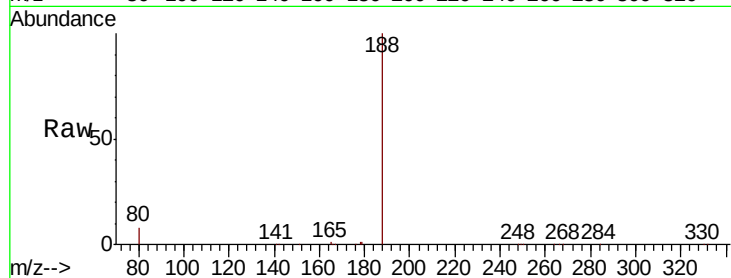
Tot Ion:188 Resp: 41707

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

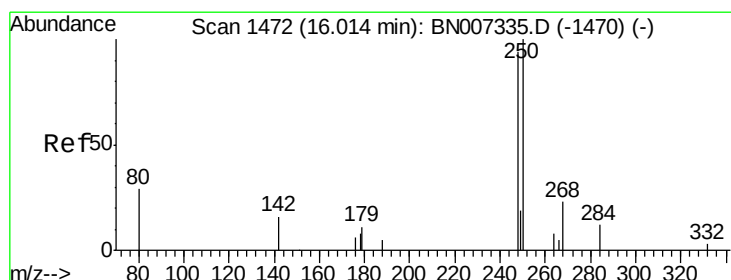
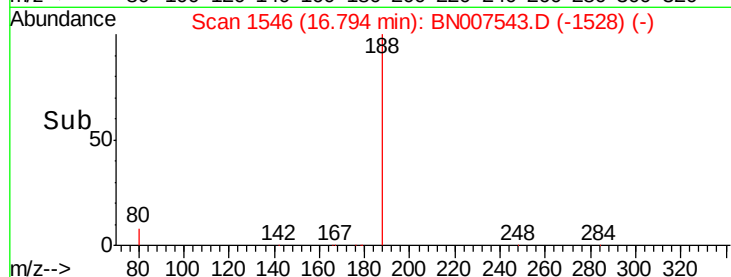
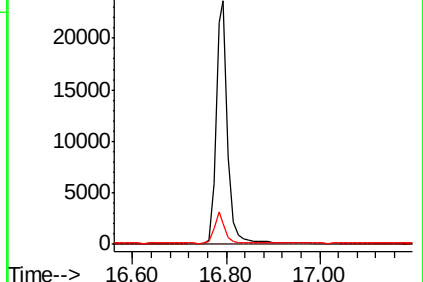
80 8.4 11.8 17.8#



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: 0.155 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

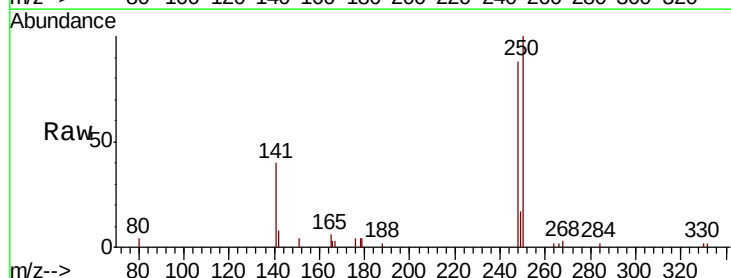
Tgt Ion:248 Resp: 2554

Ion Ratio Lower Upper

248 100

250 113.5 85.0 127.6

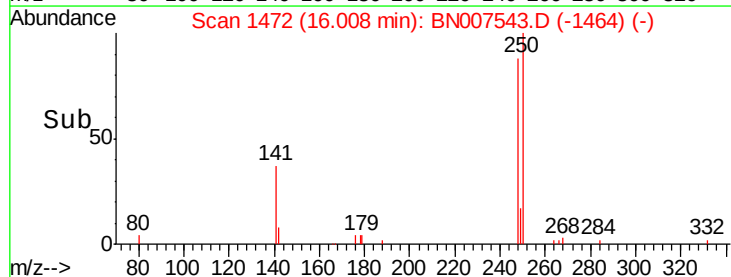
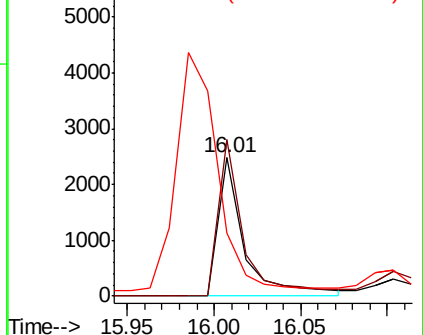
141 45.5 51.7 77.5#

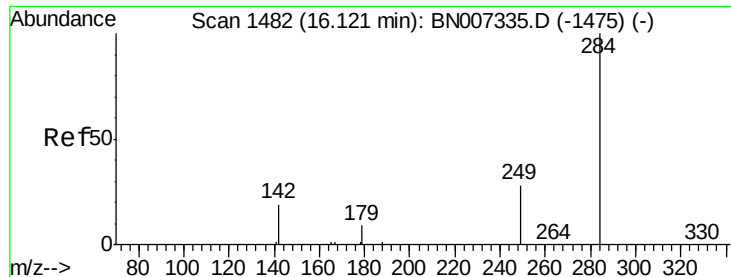


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

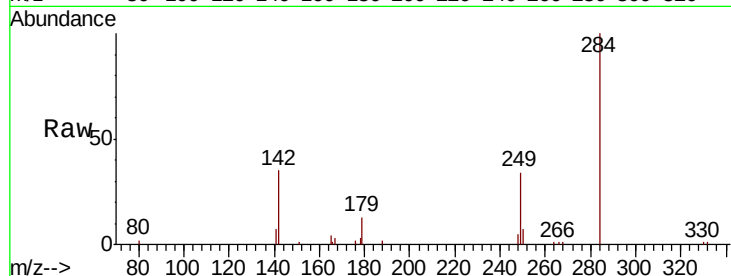




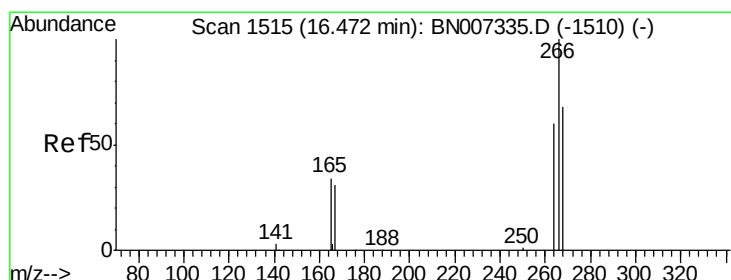
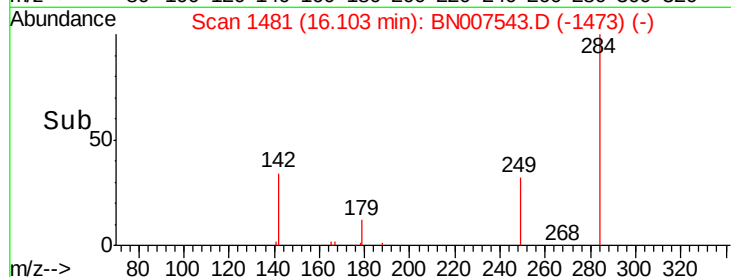
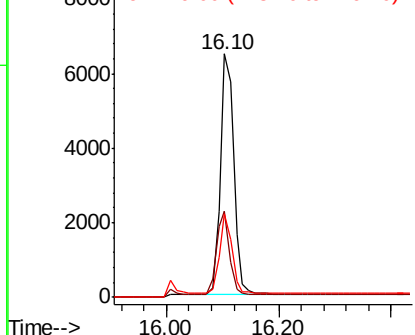
#21
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 10785
Ion Ratio Lower Upper
284 100
142 33.2 29.0 43.6
249 30.1 24.9 37.3

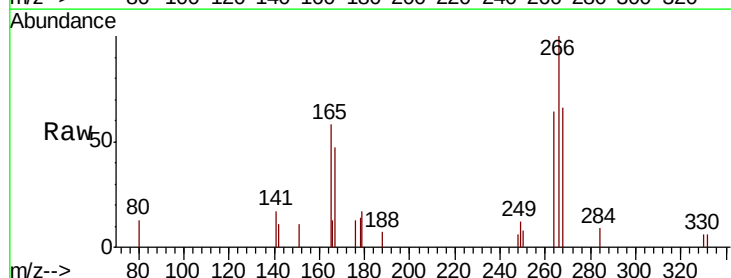


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

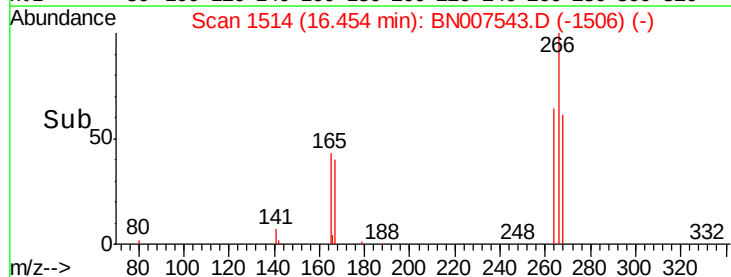
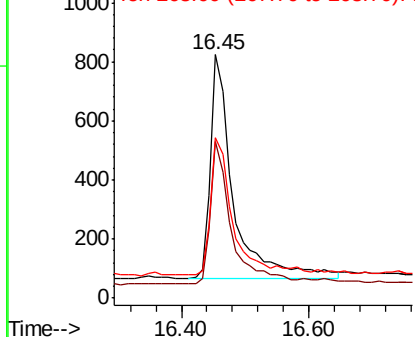


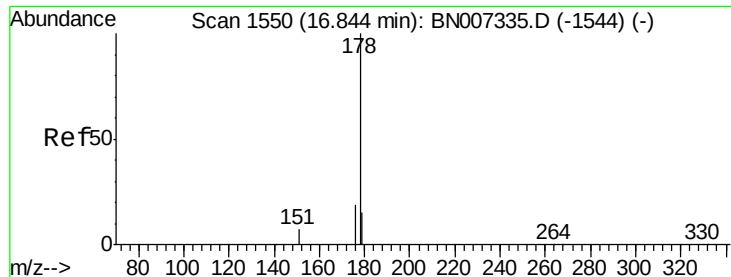
#22
Pentachlorophenol
Concen: 0.218 ng
RT: 16.45 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:266 Resp: 1893
Ion Ratio Lower Upper
266 100
264 64.1 57.8 86.8
268 65.9 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: 0.391 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

Instrument :

BNA_N

ClientSampleId :

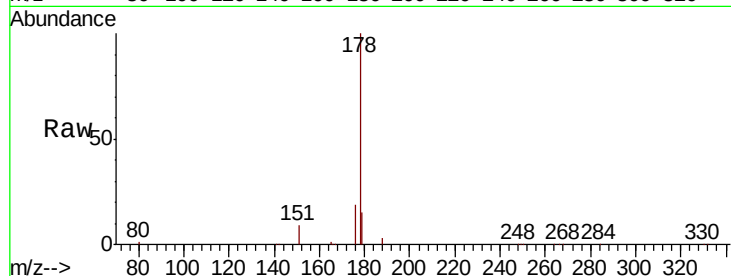
Tot Ion:178 Resp: 49049

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

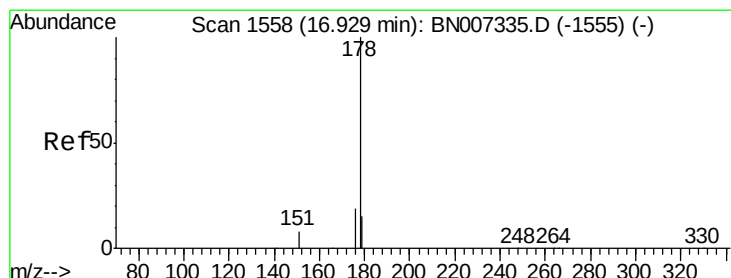
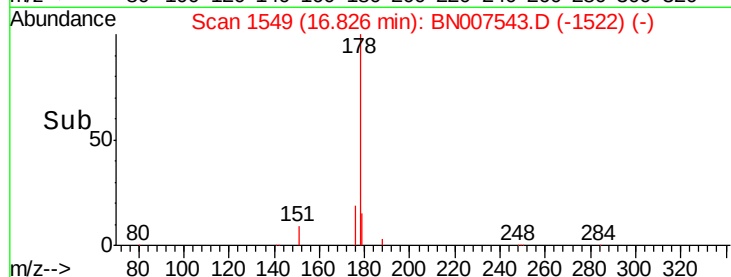
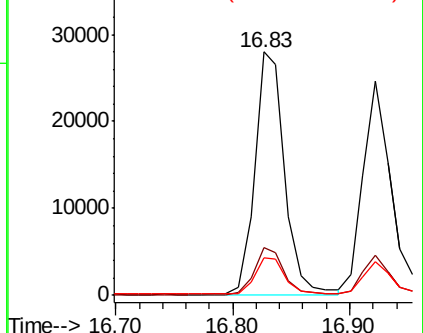
179 15.5 12.6 19.0



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: 0.332 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

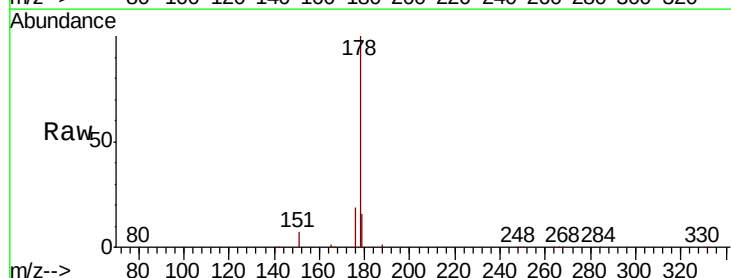
Tgt Ion:178 Resp: 41873

Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

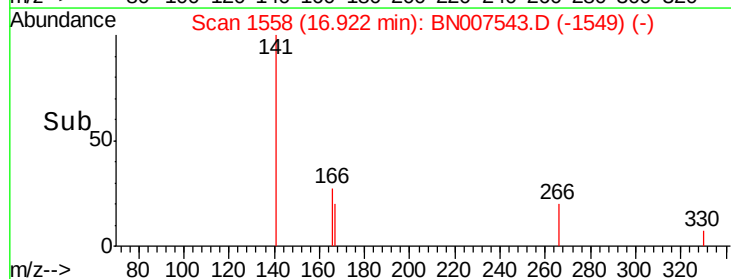
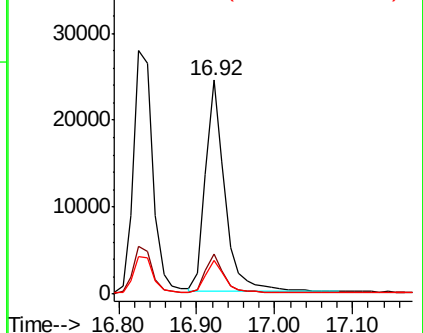
179 15.1 12.4 18.6

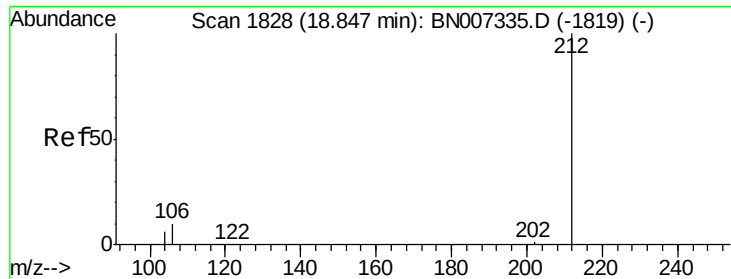


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.347 ng

RT: 18.84 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

Instrument :

BNA_N

ClientSampleId :

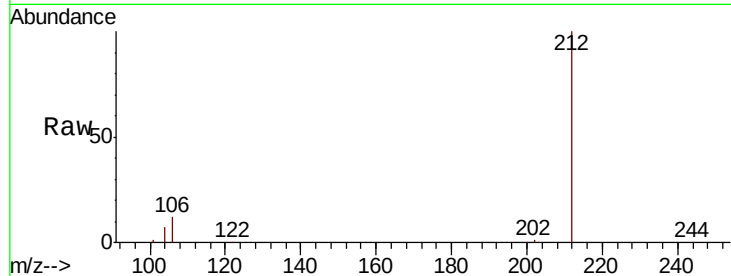
Tot Ion:212 Resp: 46662

Ion Ratio Lower Upper

212 100

106 12.9 9.0 13.4

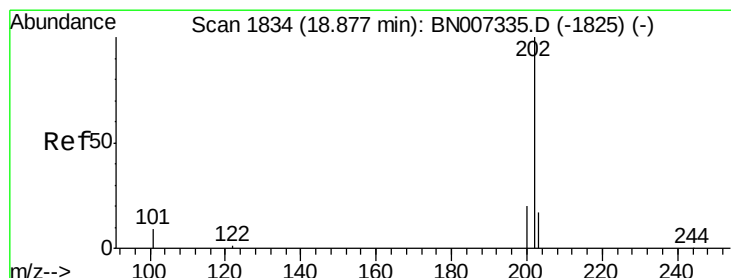
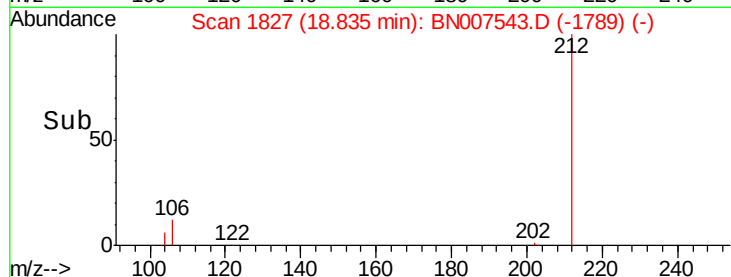
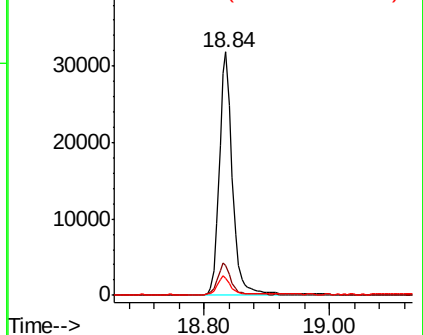
104 7.4 5.4 8.2



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: 0.356 ng

RT: 18.86 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

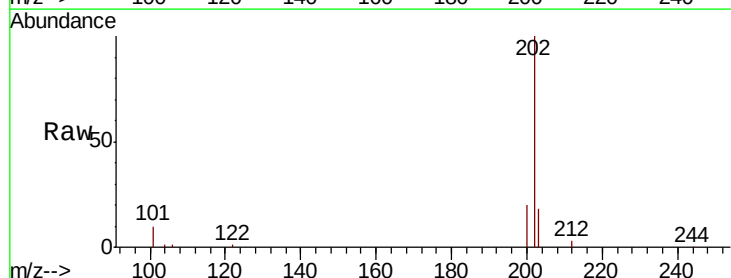
Tgt Ion:202 Resp: 57351

Ion Ratio Lower Upper

202 100

101 10.9 7.7 11.5

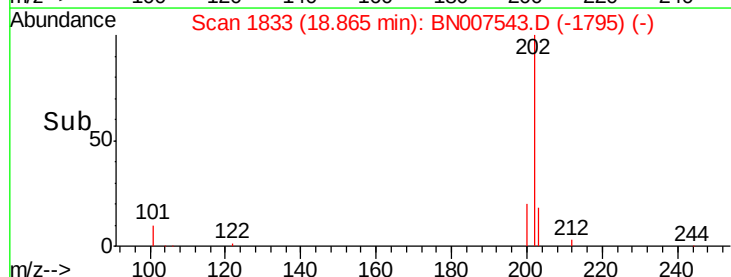
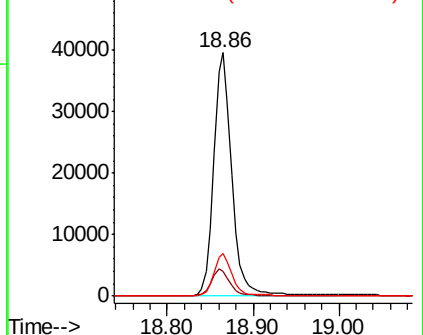
203 17.0 13.7 20.5

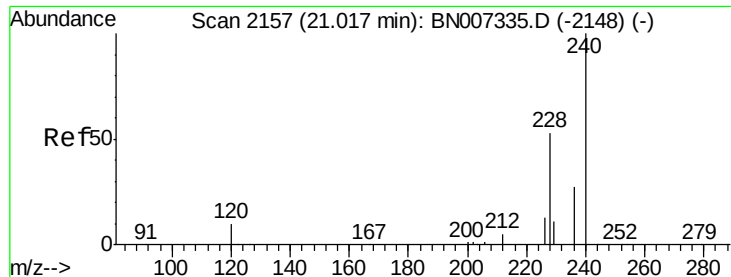


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007543.D

Acq: 05 Sep 2019 21:16

Instrument :

BNA_N

ClientSampleId :

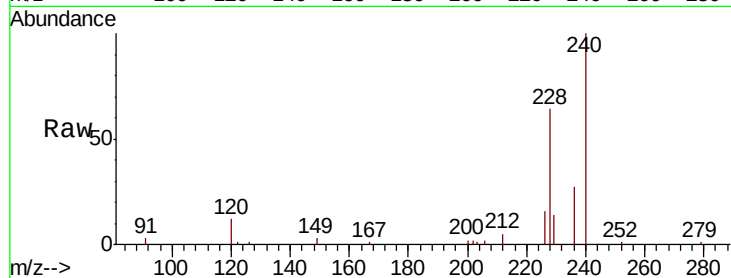
Tot Ion:240 Resp: 34982

Ion Ratio Lower Upper

240 100

120 11.9 9.6 14.4

236 27.4 22.2 33.2

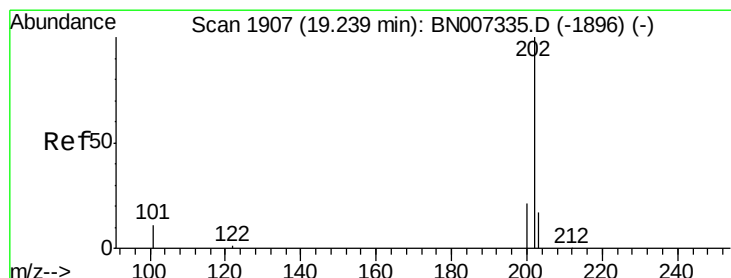
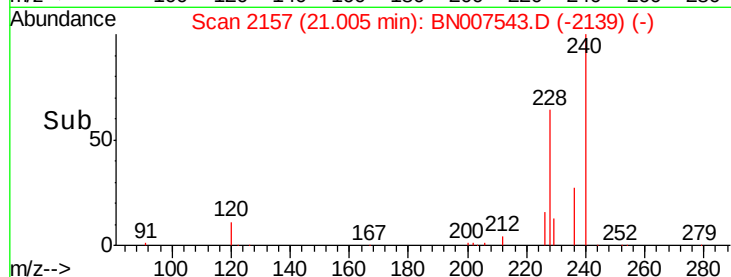
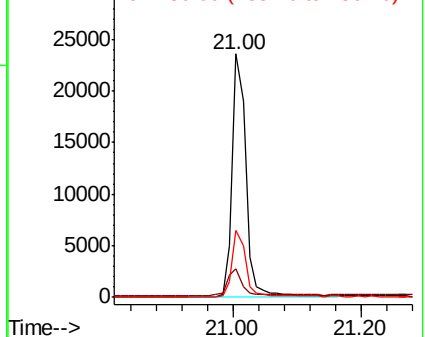


Abundance

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: 0.412 ng

RT: 19.23 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

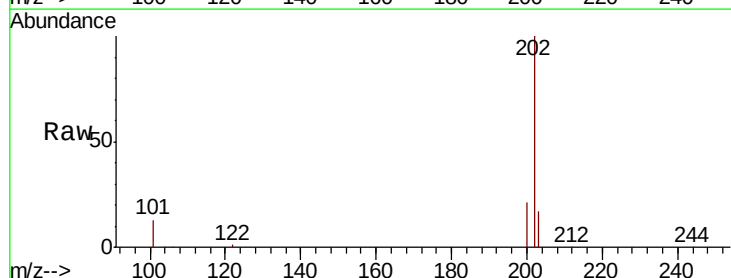
Tgt Ion:202 Resp: 58044

Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

203 17.5 14.2 21.4

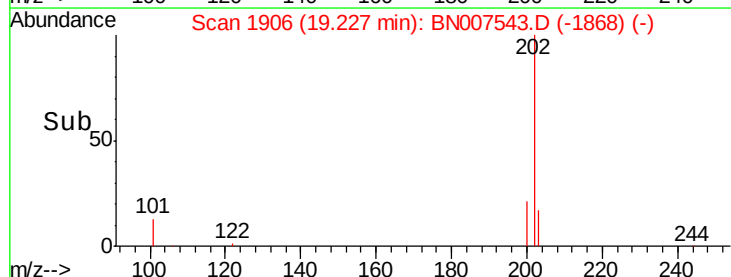
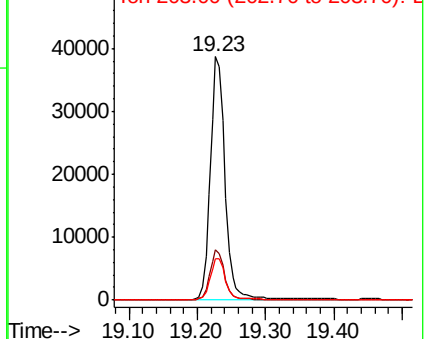


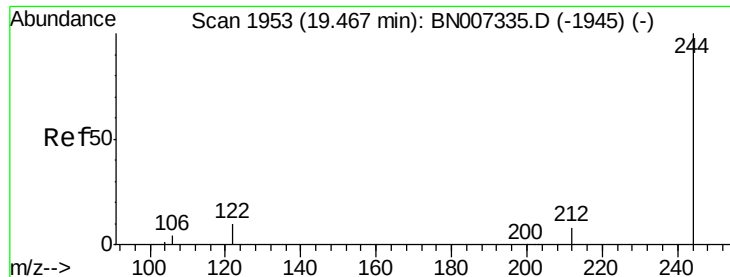
Abundance

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: 0.426 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

Instrument :

BNA_N

ClientSampleId :

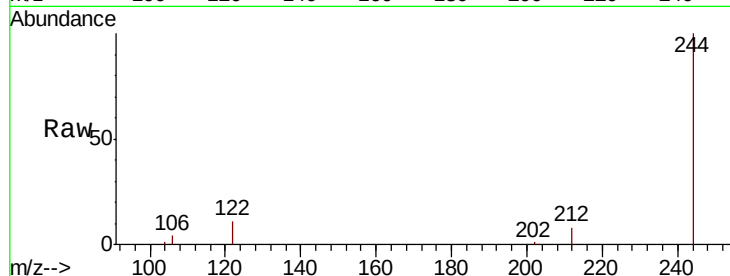
Tot Ion:244 Resp: 38958

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.6

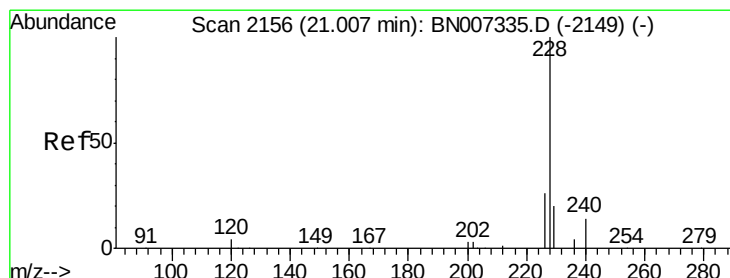
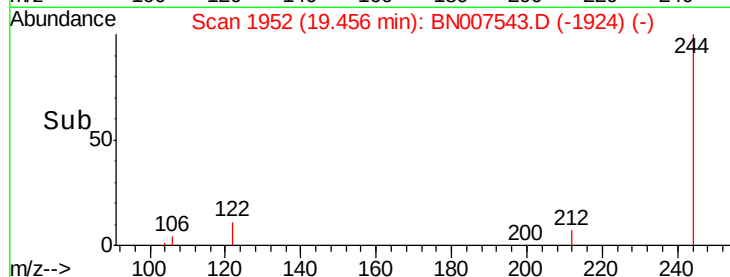
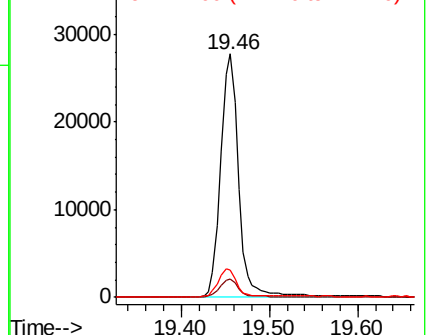
122 11.1 9.6 14.4



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: 0.341 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

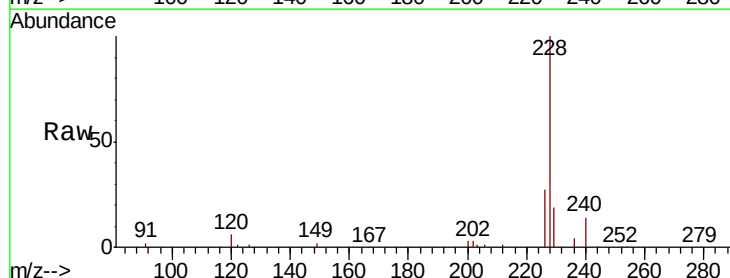
Tgt Ion:228 Resp: 46864

Ion Ratio Lower Upper

228 100

226 26.5 21.3 31.9

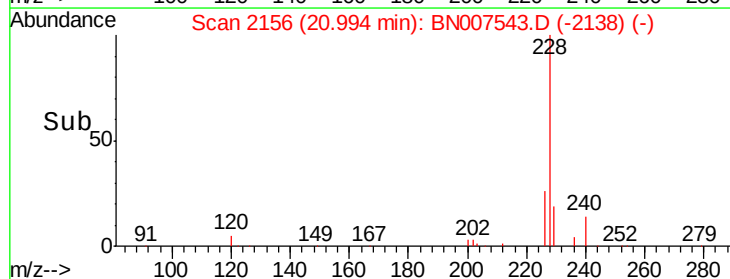
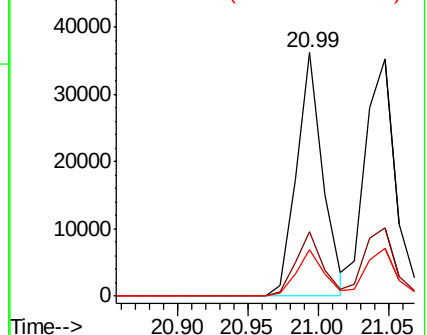
229 19.3 16.1 24.1

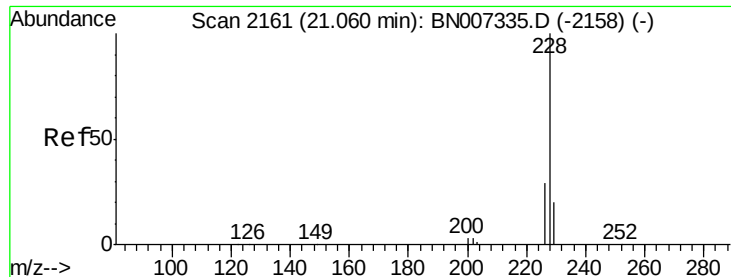


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

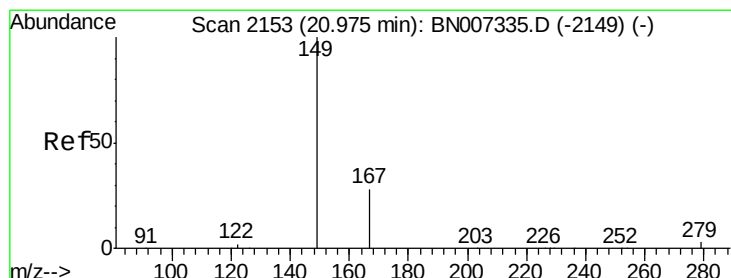
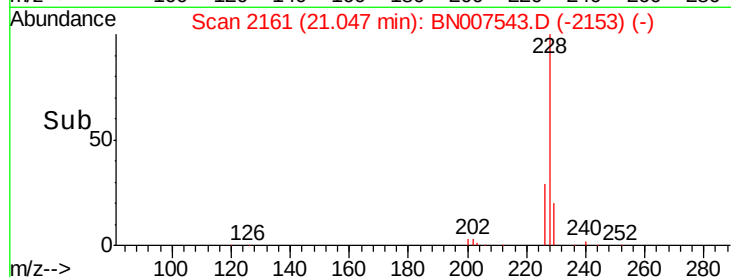
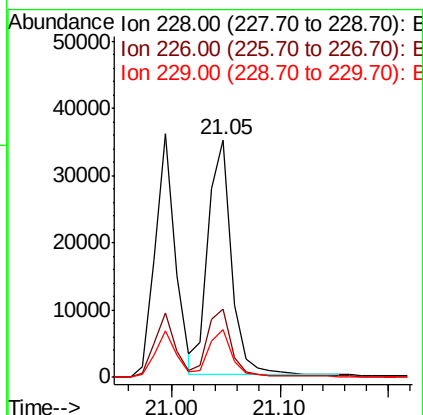
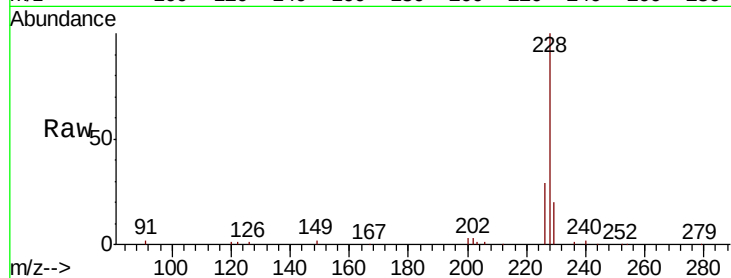




#31
Chrysene
Concen: 0.398 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

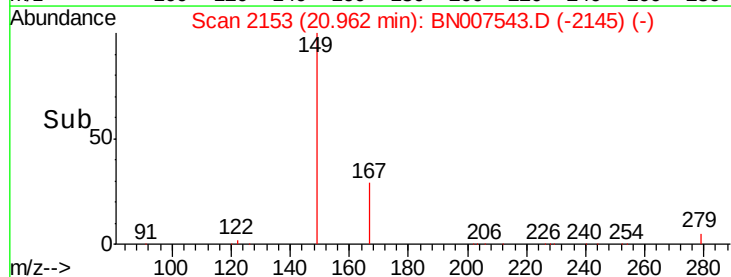
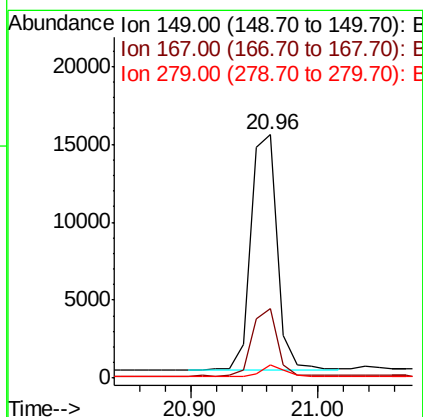
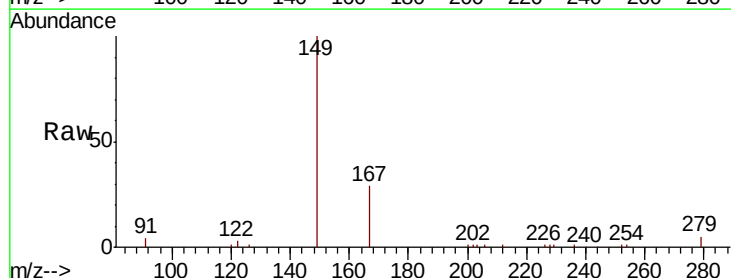
Instrument :
BNA_N
ClientSampled :

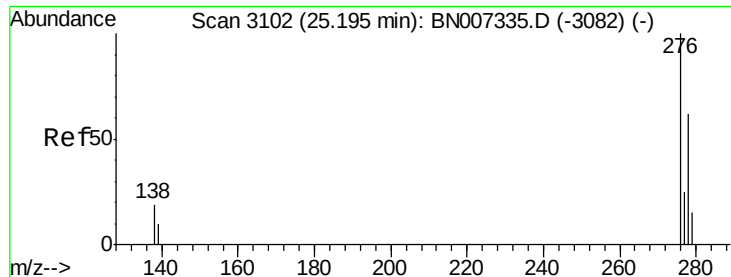
Tot Ion:228 Resp: 52834
Ion Ratio Lower Upper
228 100
226 28.7 23.5 35.3
229 20.2 16.6 24.8



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.225 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:149 Resp: 21700
Ion Ratio Lower Upper
149 100
167 27.7 22.8 34.2
279 4.2 3.5 5.3

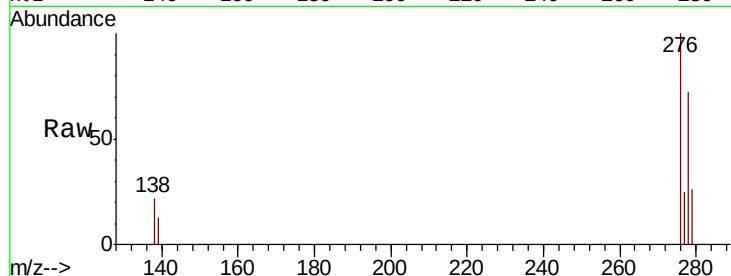




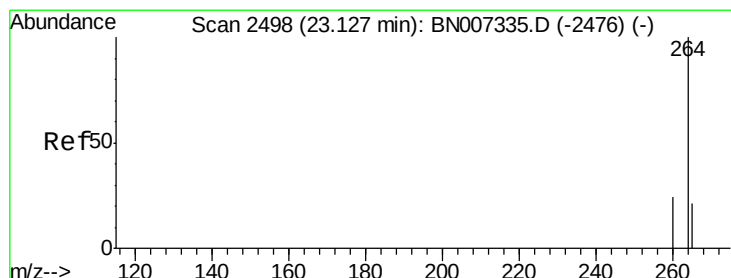
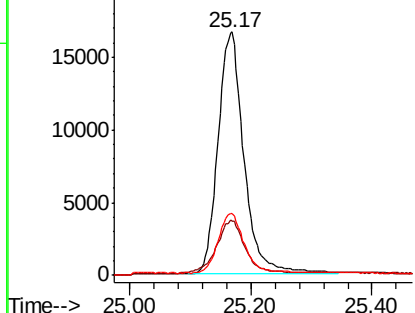
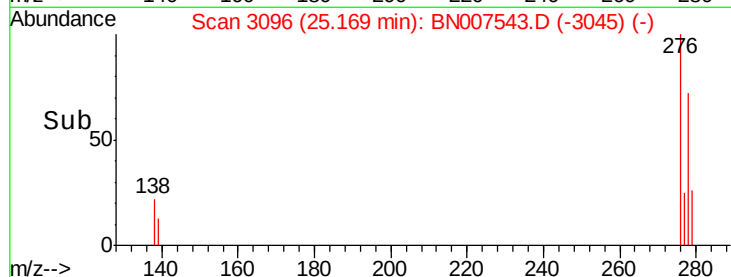
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.313 ng
 RT: 25.17 min Scan# 3096
 Delta R.T. -0.03 min
 Lab File: BN007543.D
 Acq: 05 Sep 2019 21:16

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 49925
 Ion Ratio Lower Upper
 276 100
 138 22.9 15.1 22.7#
 277 24.3 19.7 29.5

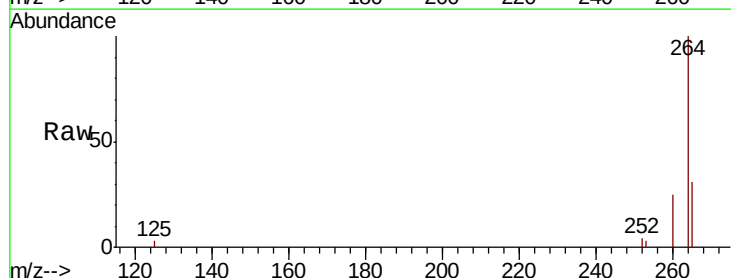


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

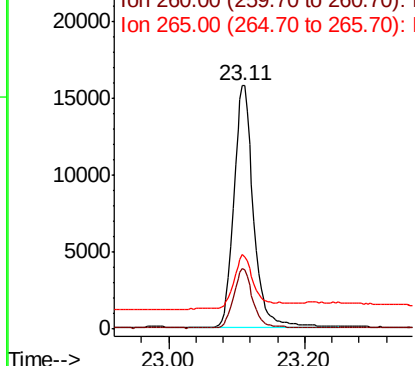
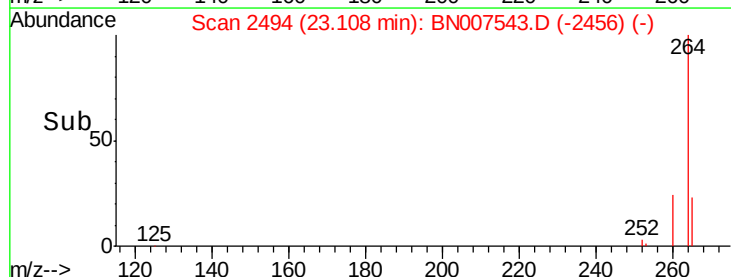


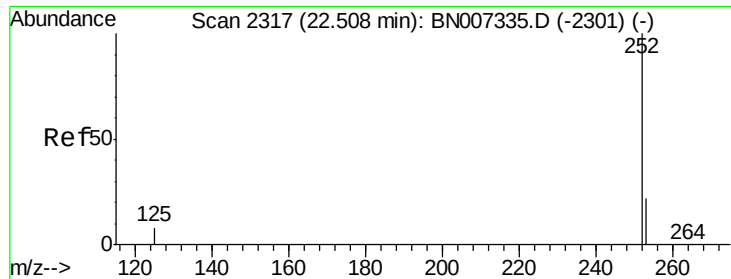
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2494
 Delta R.T. -0.02 min
 Lab File: BN007543.D
 Acq: 05 Sep 2019 21:16

Tgt Ion:264 Resp: 31766
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.7 29.5
 265 30.6 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: 0.397 ng

RT: 22.49 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

Instrument :

BNA_N

ClientSampleId :

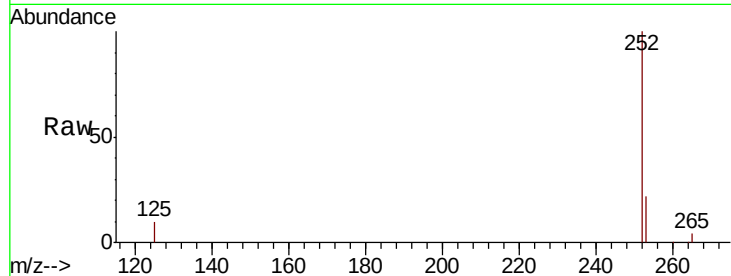
Tot Ion:252 Resp: 45712

Ion Ratio Lower Upper

252 100

253 22.3 19.2 28.8

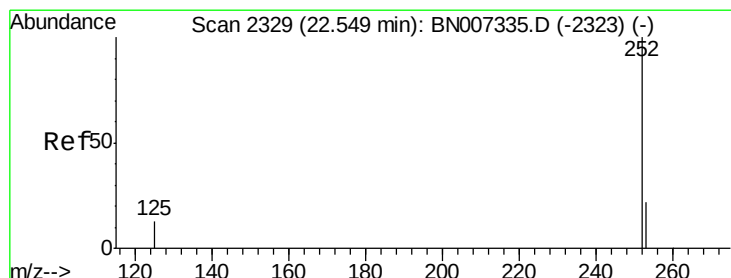
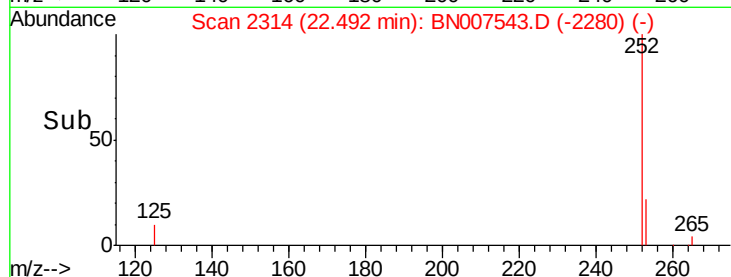
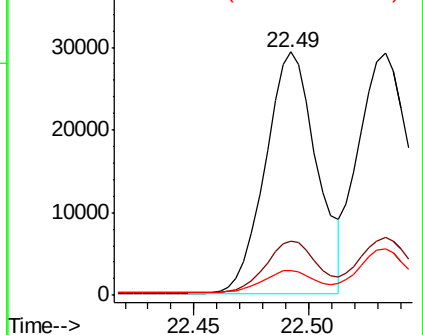
125 10.4 10.6 16.0#



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: 0.425 ng

RT: 22.53 min Scan# 2326

Delta R.T. -0.02 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

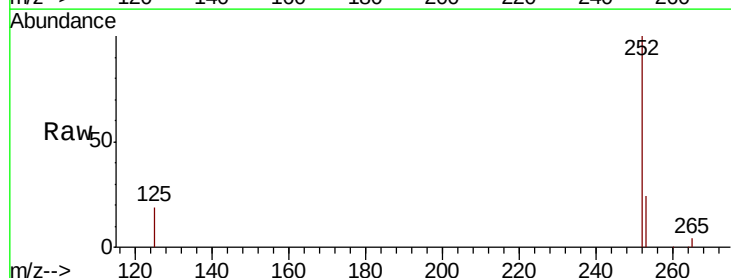
Tgt Ion:252 Resp: 48320

Ion Ratio Lower Upper

252 100

253 24.1 19.4 29.2

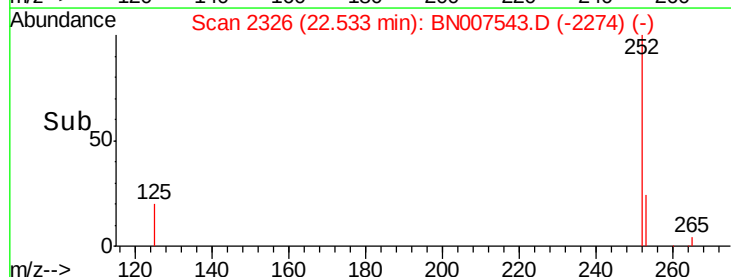
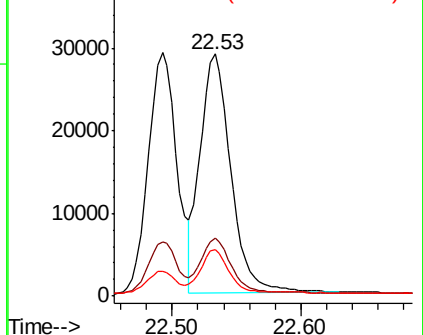
125 19.4 13.1 19.7

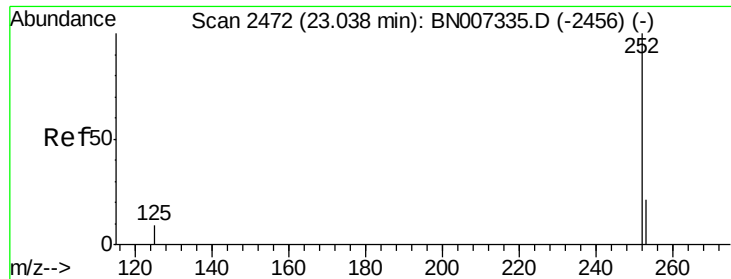


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.02 min Scan# 2468

Delta R.T. -0.02 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

Instrument :

BNA_N

ClientSampled :

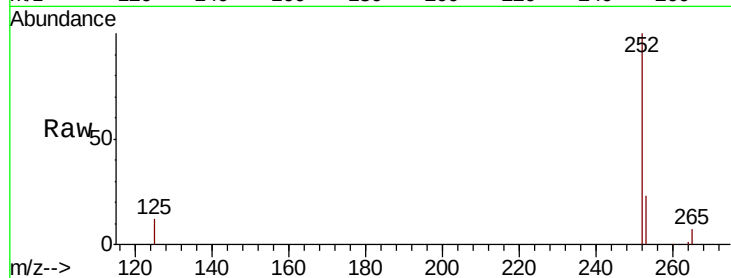
Tot Ion:252 Resp: 39605

Ion Ratio Lower Upper

252 100

253 23.1 19.5 29.3

125 12.0 12.1 18.1#

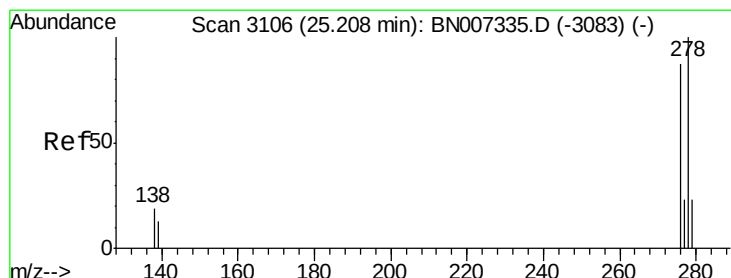
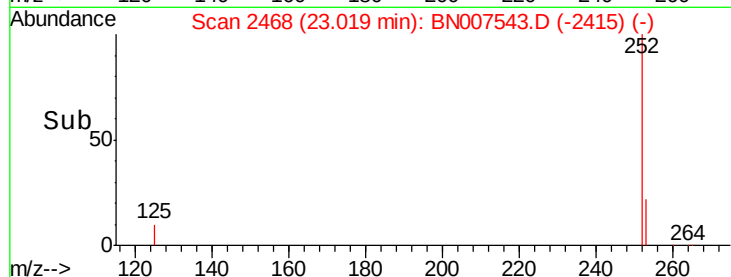
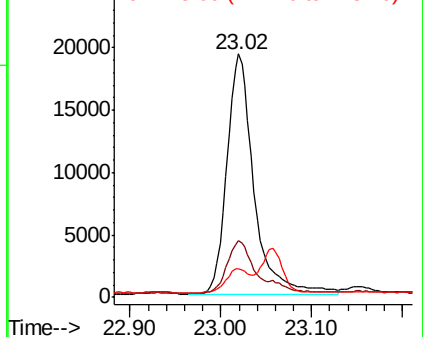


Abundance

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: 0.360 ng

RT: 25.18 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

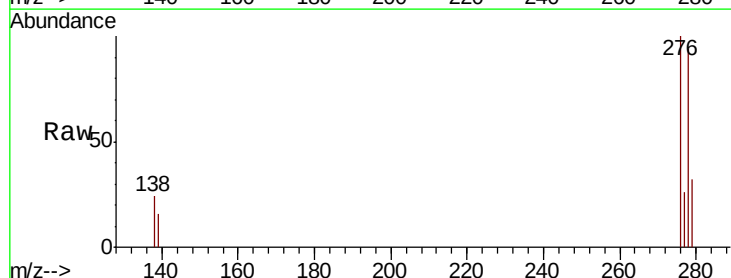
Tgt Ion:278 Resp: 39371

Ion Ratio Lower Upper

278 100

139 16.6 13.7 20.5

279 34.4 20.2 30.4#

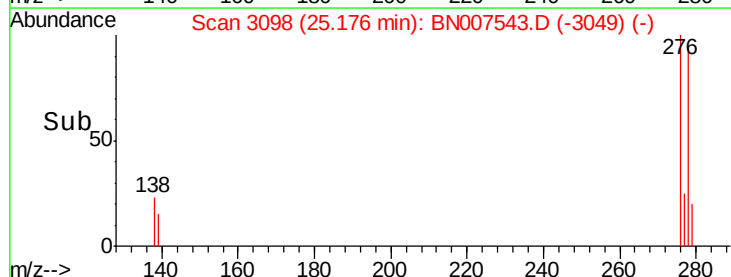
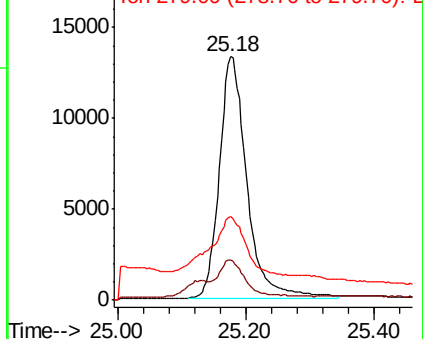


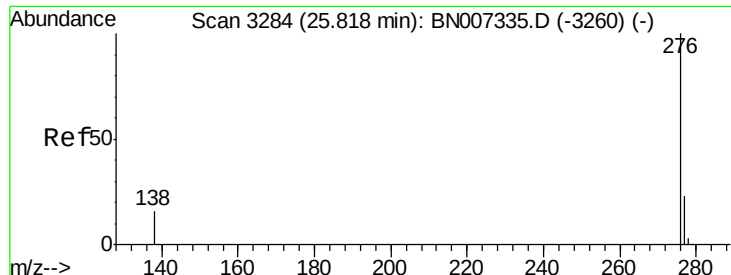
Abundance

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: 0.375 ng

RT: 25.79 min Scan# 3277

Delta R.T. -0.03 min

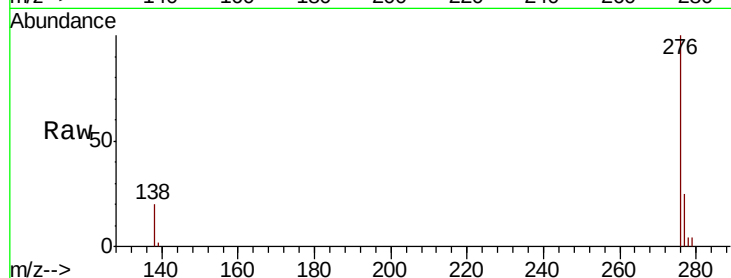
Lab File: BN007543.D

Acq: 05 Sep 2019 21:16

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 40795

Ion Ratio Lower Upper

276 100

277 24.6 19.6 29.4

138 20.3 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

