

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
 Data File : BN007555.D
 Acq On : 06 Sep 2019 23:12
 Operator : HP/JU
 Sample : K4722-16MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 07 00:39:53 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	5466	0.40	ng	-0.02
7) Naphthalene-d8	10.14	136	21812	0.40	ng	-0.03
13) Acenaphthene-d10	14.03	164	11569	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	25039	0.40	ng	-0.01
27) Chrysene-d12	21.01	240	24369	0.40	ng	-0.01
34) Perylene-d12	23.11	264	26905	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.02	112	3060	0.14	ng	-0.02
5) Phenol-d6	6.58	99	2517	0.08	ng	0.00
8) Nitrobenzene-d5	8.53	82	5788	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	19401	0.54	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	2135	0.35	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	19718	0.42	ng	-0.01
25) Fluoranthene-d10	18.83	212	27159	0.34	ng	-0.01
29) Terphenyl-d14	19.45	244	34344	0.54	ng	-0.01

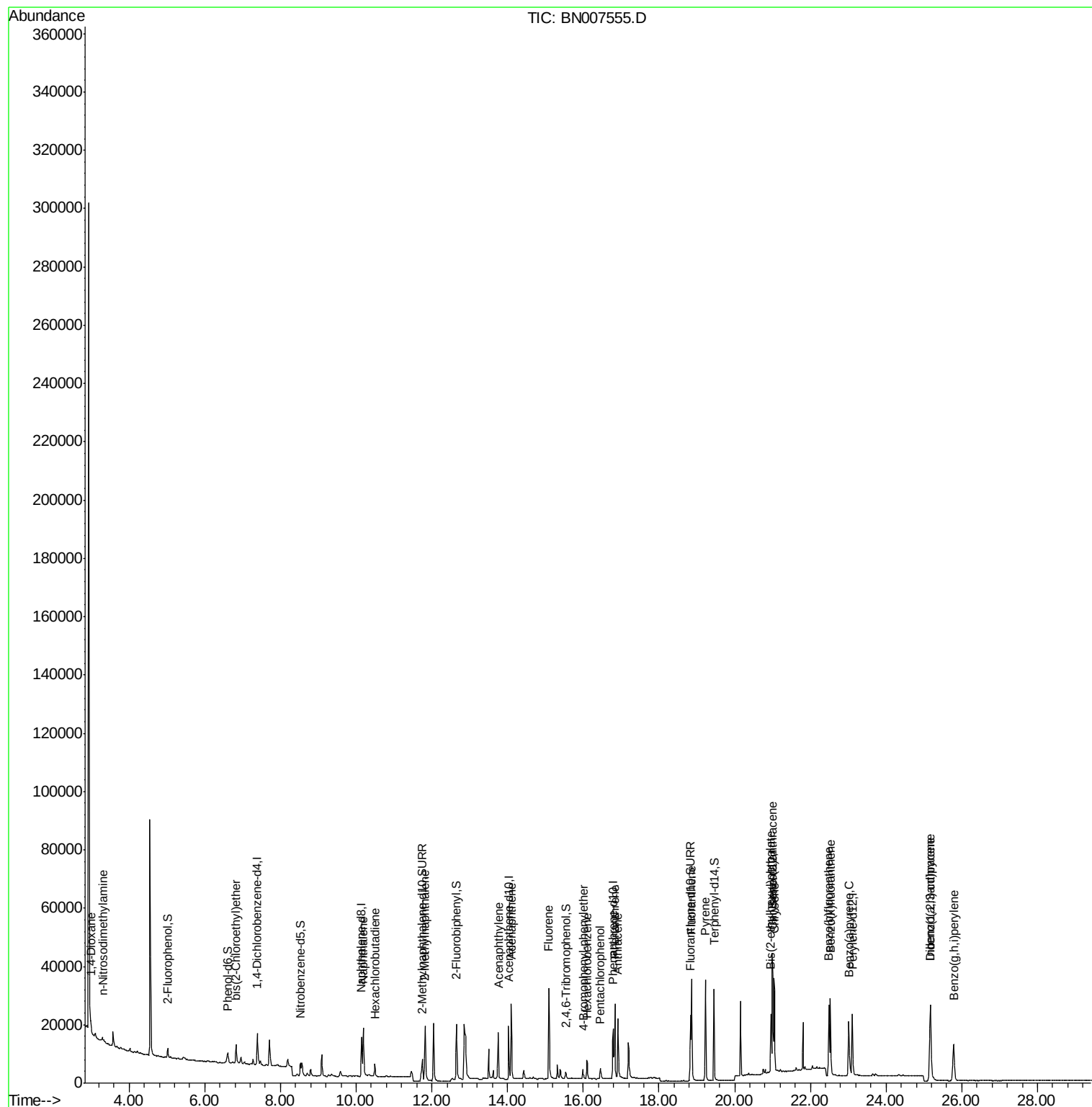
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	2601	0.286	ng	# 94
3) n-Nitrosodimethylamine	3.33	42	603	0.143	ng	# 76
6) bis(2-Chloroethyl)ether	6.83	93	6646	0.337	ng	# 97
9) Naphthalene	10.19	128	23681	0.380	ng	# 90
10) Hexachlorobutadiene	10.49	225	3586	0.281	ng	# 99
12) 2-Methylnaphthalene	11.82	142	17592	0.414	ng	# 94
16) Acenaphthylene	13.75	152	20544	0.300	ng	# 99
17) Acenaphthene	14.10	154	13622	0.340	ng	# 97
18) Fluorene	15.09	166	17502	0.346	ng	# 99
20) 4-Bromophenyl-phenylether	16.01	248	844	0.085	ng	# 92
21) Hexachlorobenzene	16.11	284	5603	0.334	ng	# 97
22) Pentachlorophenol	16.45	266	2591	0.497	ng	# 64
23) Phenanthrene	16.83	178	30982	0.411	ng	# 99
24) Anthracene	16.92	178	24971	0.330	ng	# 99
26) Fluoranthene	18.86	202	33644	0.348	ng	# 98
28) Pyrene	19.23	202	34544	0.352	ng	# 99
30) Benzo(a)anthracene	21.00	228	29679	0.310	ng	# 98
31) Chrysene	21.04	228	31195	0.338	ng	# 98
32) Bis(2-ethylhexyl)phthalate	20.95	149	17574	0.265	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.16	276	30219	0.272	ng	# 96
35) Benzo(b)fluoranthene	22.49	252	30140	0.309	ng	# 97
36) Benzo(k)fluoranthene	22.53	252	32194	0.334	ng	# 98
37) Benzo(a)pyrene	23.02	252	28753	0.310	ng	# 98
38) Dibenzo(a,h)anthracene	25.17	278	25037	0.270	ng	# 99
39) Benzo(g,h,i)perylene	25.79	276	26177	0.284	ng	# 98

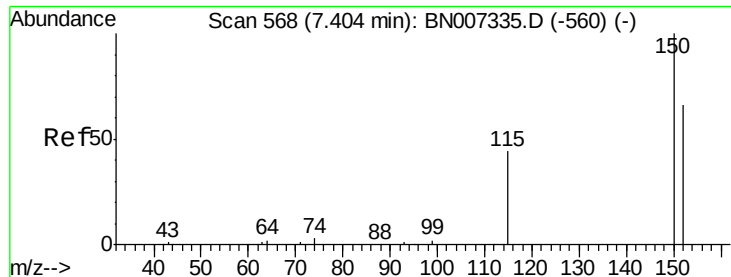
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
Data File : BN007555.D
Acq On : 06 Sep 2019 23:12
Operator : HP/JU
Sample : K4722-16MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 07 00:39:53 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



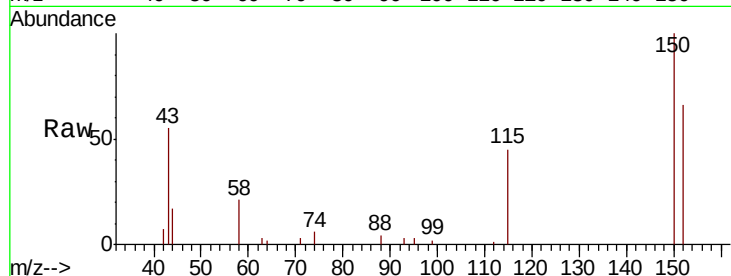


#1

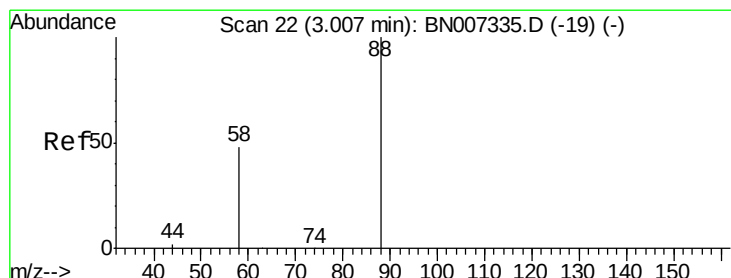
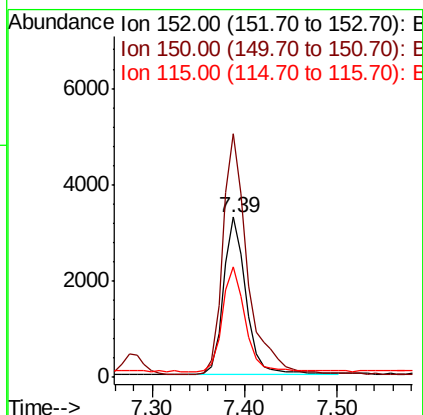
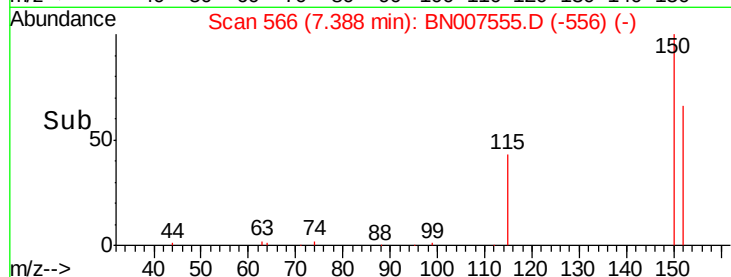
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5466
Ion Ratio Lower Upper
152 100
150 151.9 109.1 163.7
115 68.6 59.6 89.4



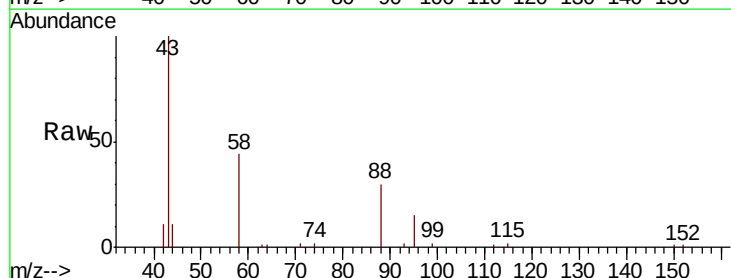
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



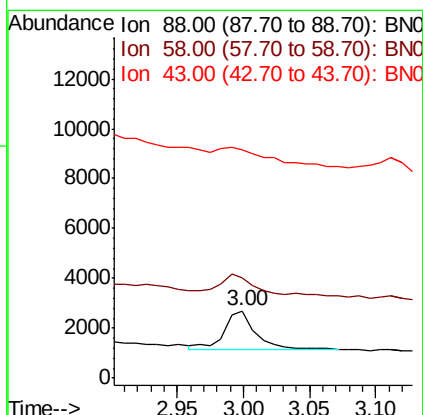
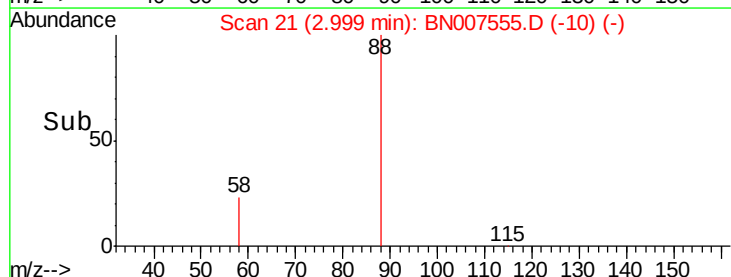
#2

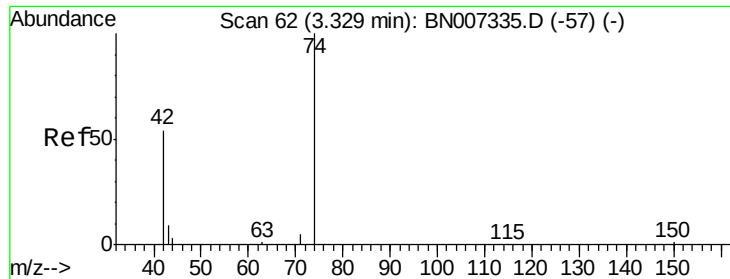
1,4-Dioxane
Concen: 0.286 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Tgt Ion: 88 Resp: 2601
Ion Ratio Lower Upper
88 100
58 67.6 50.5 75.7
43 0.0 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



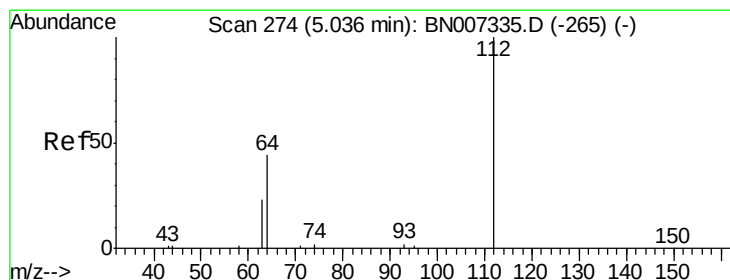
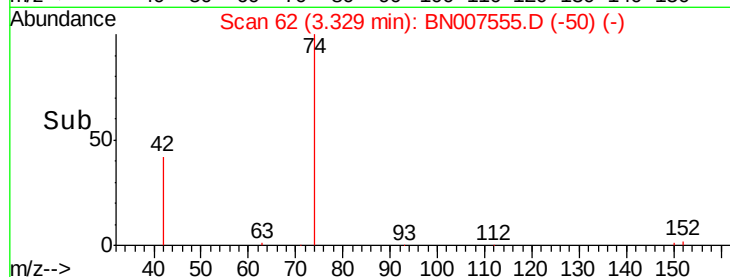
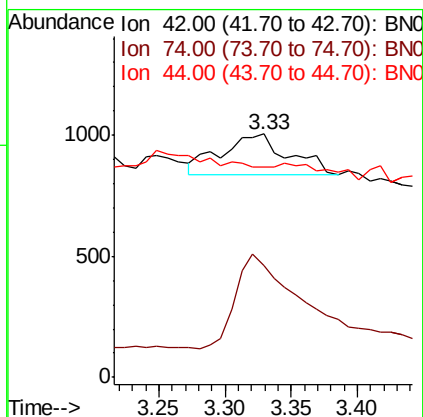
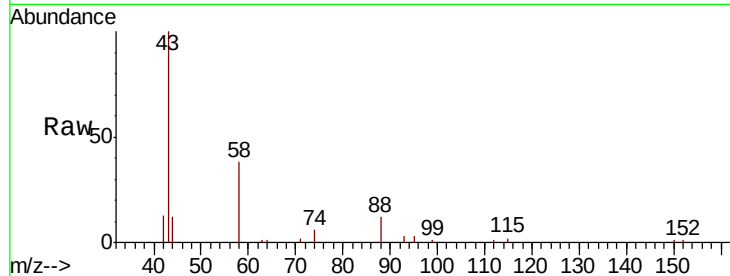


#3

n-Nitrosodimethylamine
 Concen: 0.143 ng
 RT: 3.33 min Scan# 62
 Delta R.T. -0.00 min
 Lab File: BN007555.D
 Acq: 06 Sep 2019 23:12

Instrument :
 BNA_N
 ClientSampleId :

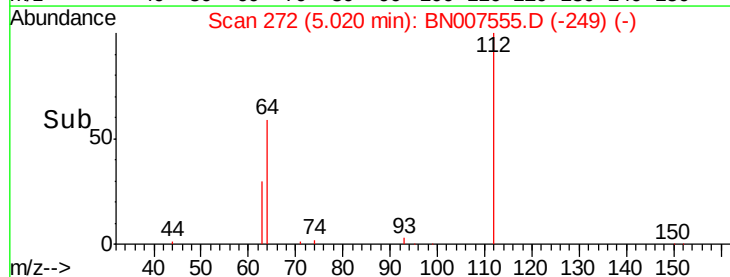
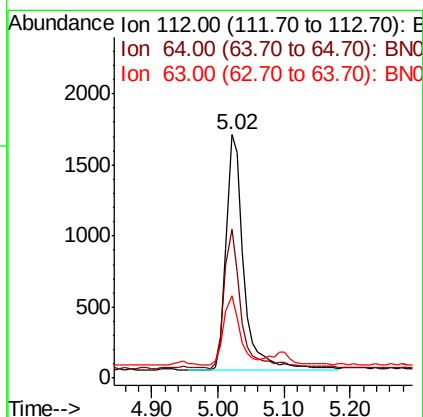
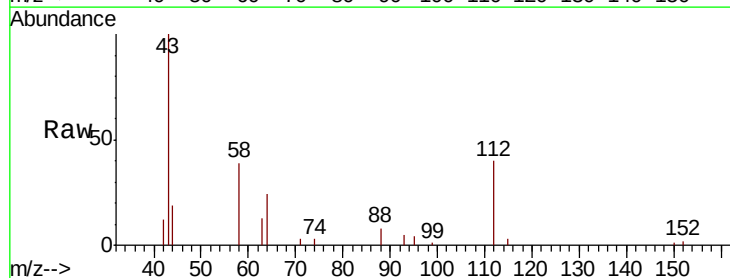
Tot Ion: 42 Resp: 603
 Ion Ratio Lower Upper
 42 100
 74 215.6 144.7 217.1
 44 0.0 3.2 4.8#

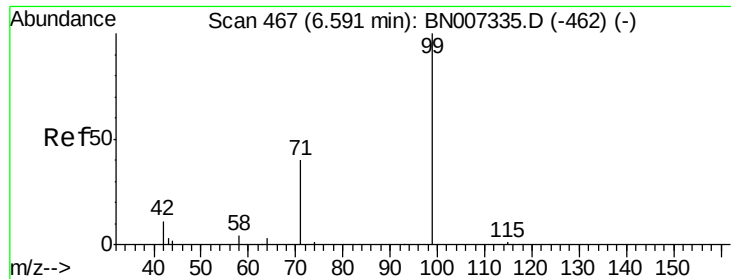


#4

2-Fluorophenol
 Concen: 0.143 ng
 RT: 5.02 min Scan# 272
 Delta R.T. -0.02 min
 Lab File: BN007555.D
 Acq: 06 Sep 2019 23:12

Tgt Ion: 112 Resp: 3060
 Ion Ratio Lower Upper
 112 100
 64 56.0 42.3 63.5
 63 26.7 23.6 35.4





#5

Phenol-d6

Concen: 0.080 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

ClientSampleId :

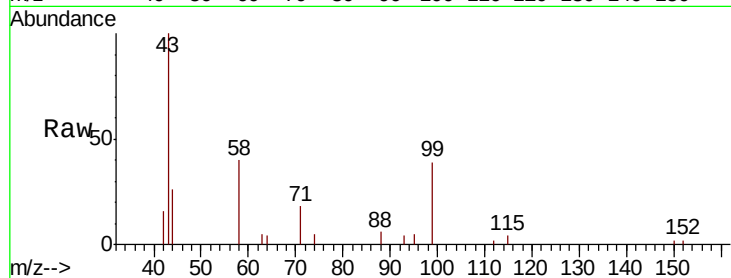
Tot Ion: 99 Resp: 2517

Ion Ratio Lower Upper

99 100

42 16.3 11.2 16.8

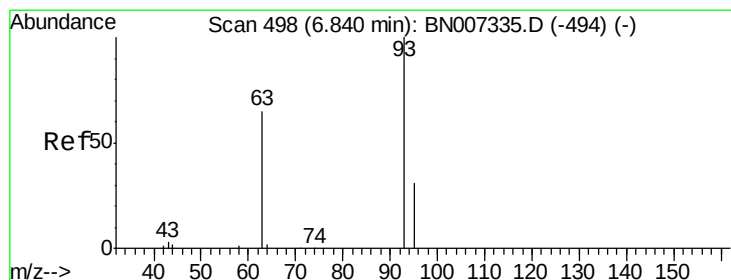
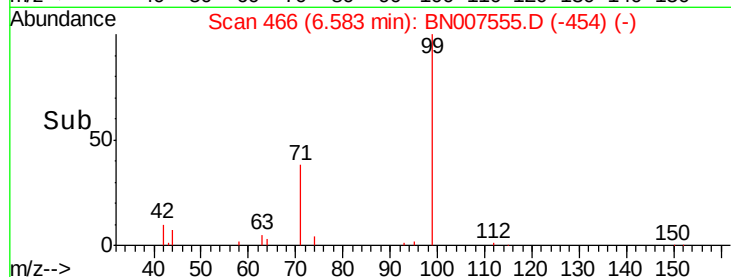
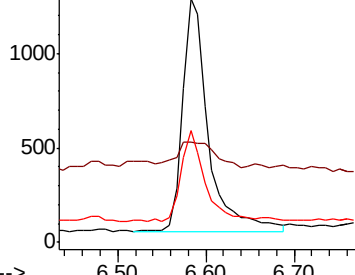
71 35.1 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007555.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007555.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007555.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.337 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

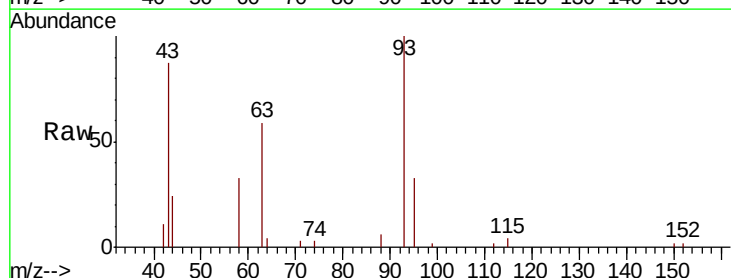
Tgt Ion: 93 Resp: 6646

Ion Ratio Lower Upper

93 100

63 63.5 51.9 77.9

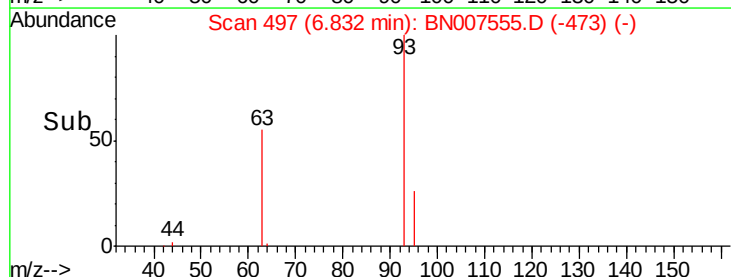
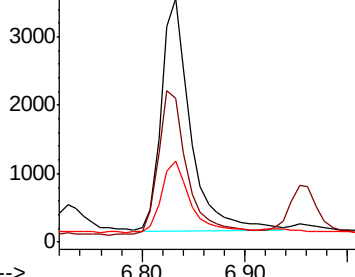
95 30.8 27.7 41.5

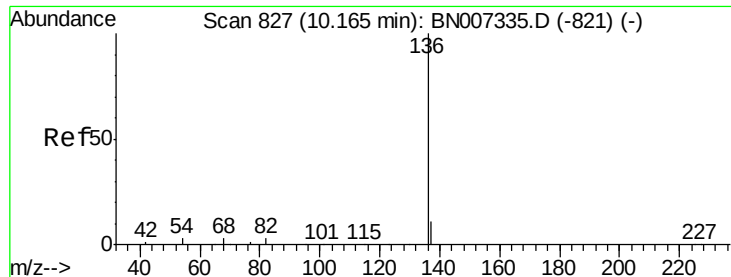


Abundance Ion 93.00 (92.70 to 93.70): BN007555.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007555.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007555.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. -0.03 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 21812

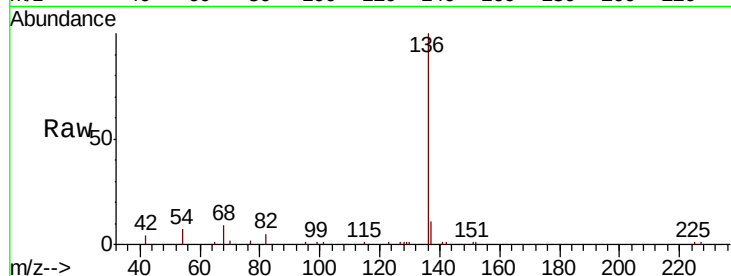
Ion Ratio Lower Upper

136 100

137 11.2 12.9 19.3#

54 6.6 8.6 12.8#

68 8.6 17.0 25.4#

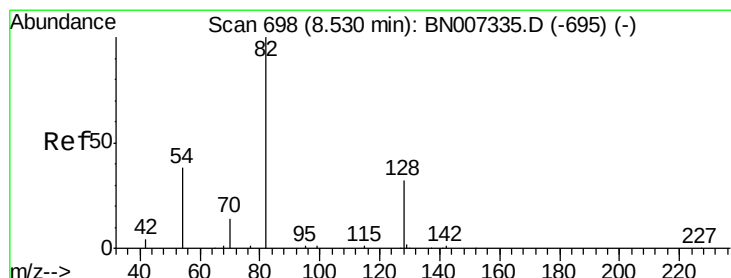
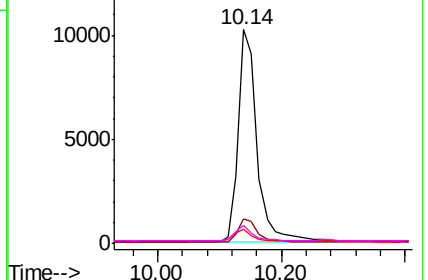
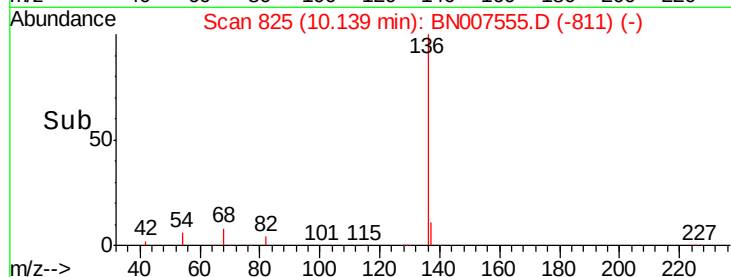


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.305 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

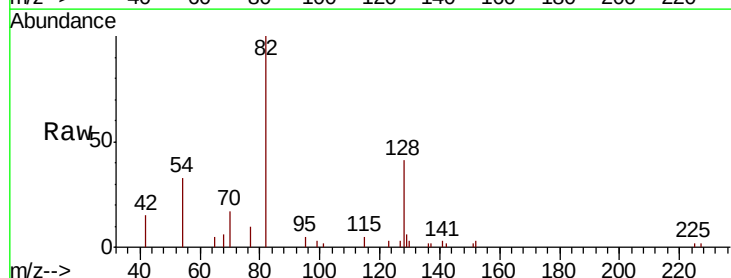
Tgt Ion: 82 Resp: 5788

Ion Ratio Lower Upper

82 100

128 41.5 19.7 29.5#

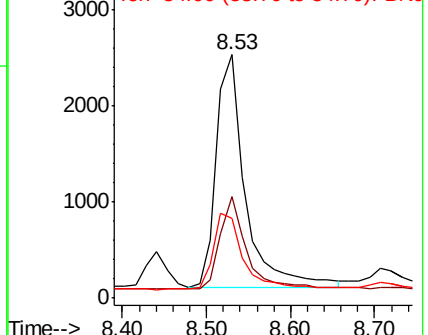
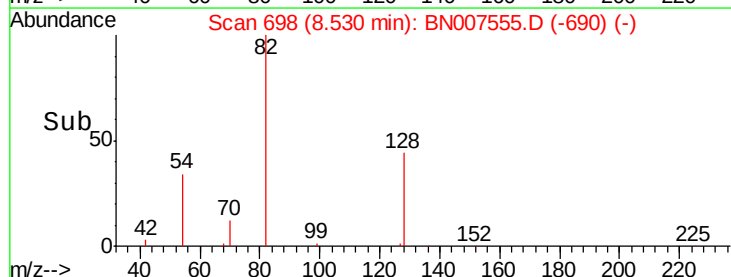
54 33.0 25.8 38.6

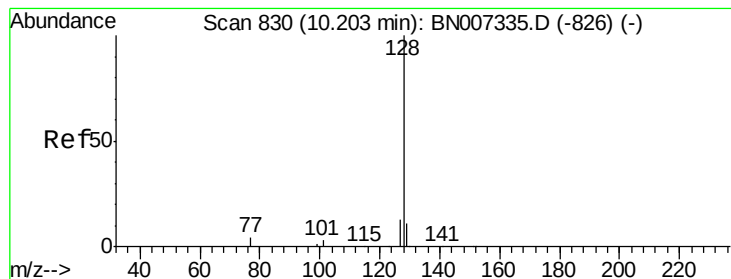


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.380 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

ClientSampleId :

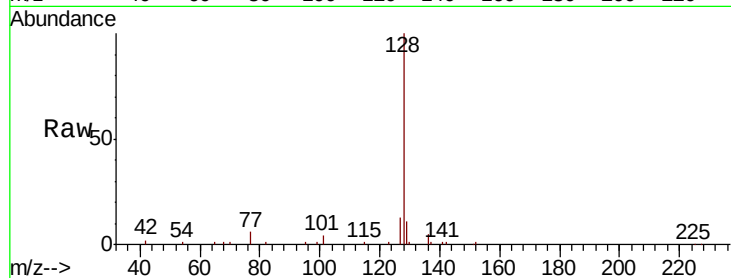
Tot Ion:128 Resp: 23681

Ion Ratio Lower Upper

128 100

129 11.5 11.1 16.7

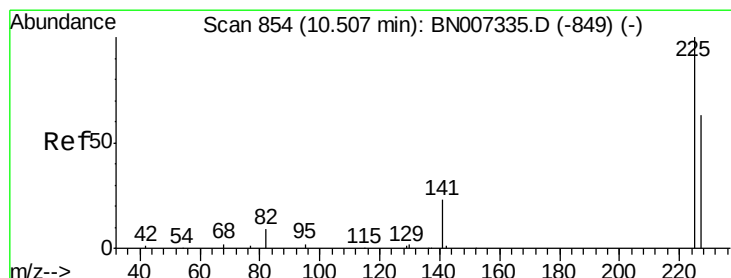
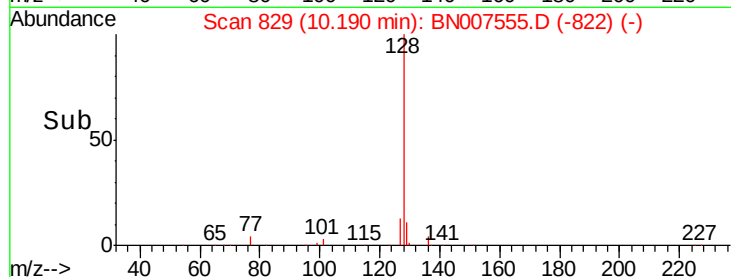
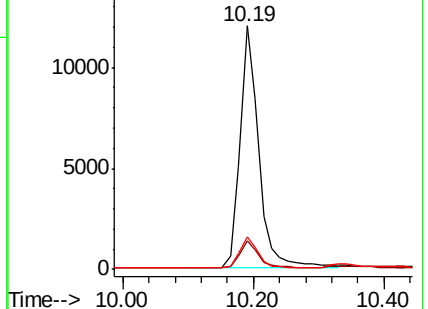
127 13.4 15.5 23.3#



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: 0.281 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

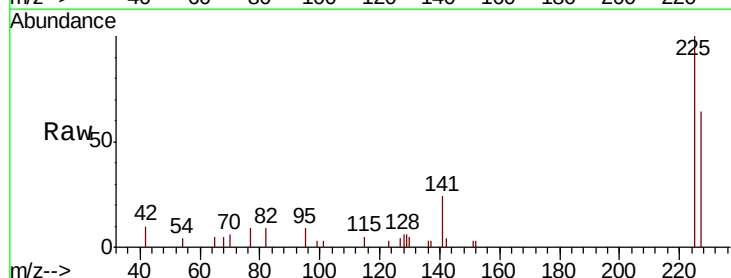
Tgt Ion:225 Resp: 3586

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

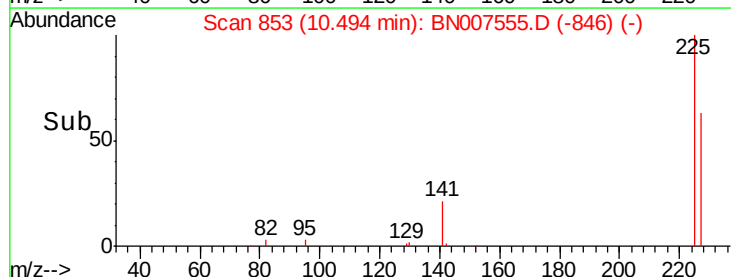
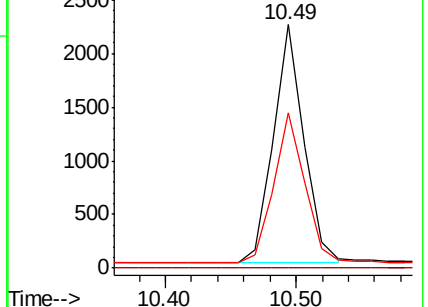
227 64.1 50.7 76.1

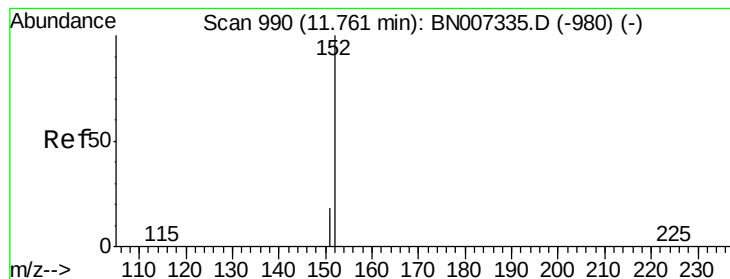


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.535 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

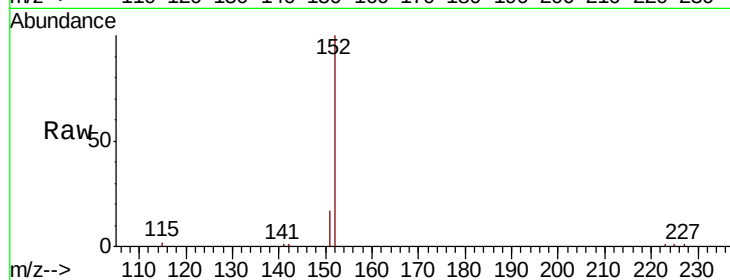
ClientSampleId :

Tot Ion:152 Resp: 19401

Ion Ratio Lower Upper

152 100

151 12.1 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

8000

6000

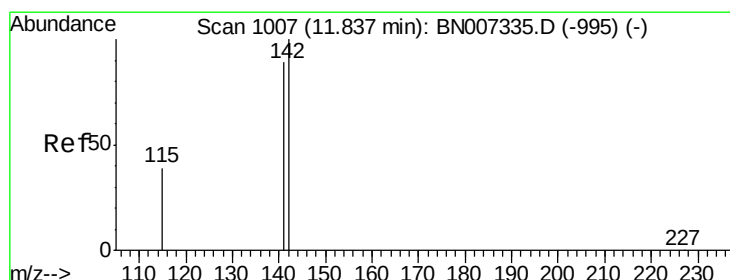
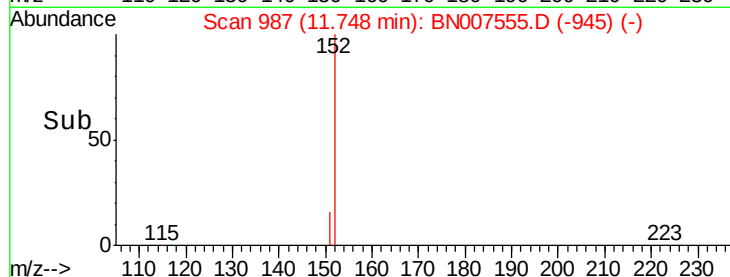
4000

2000

0

Time-->

11.60 11.80



#12

2-Methylnaphthalene

Concen: 0.414 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

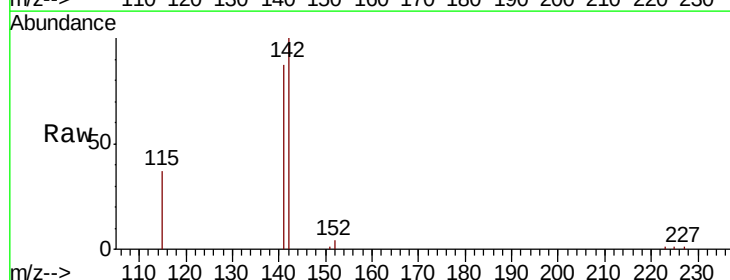
Tgt Ion:142 Resp: 17592

Ion Ratio Lower Upper

142 100

141 87.4 72.8 109.2

115 36.7 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

12000

10000

8000

6000

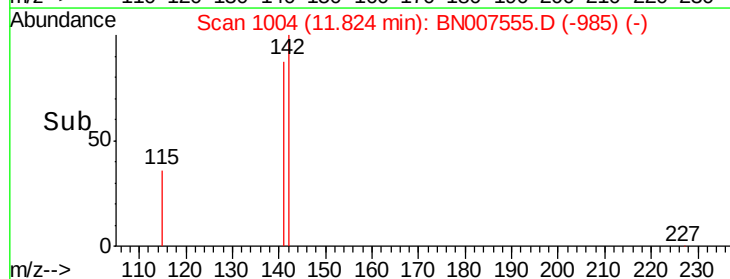
4000

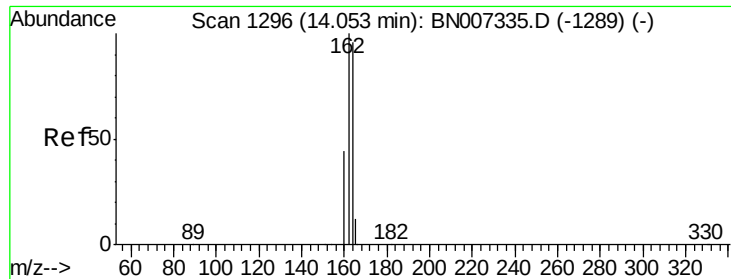
2000

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: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

ClientSampled :

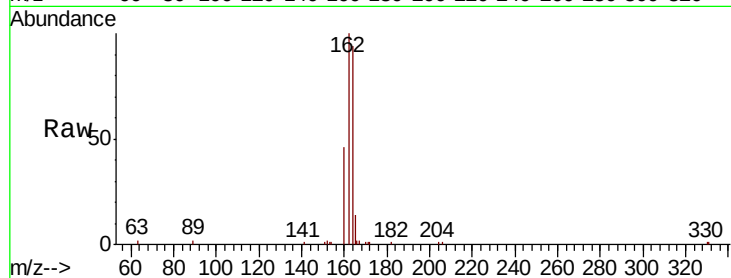
Tot Ion:164 Resp: 11569

Ion Ratio Lower Upper

164 100

162 106.4 83.5 125.3

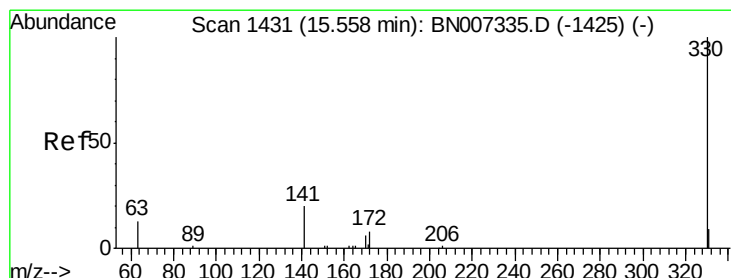
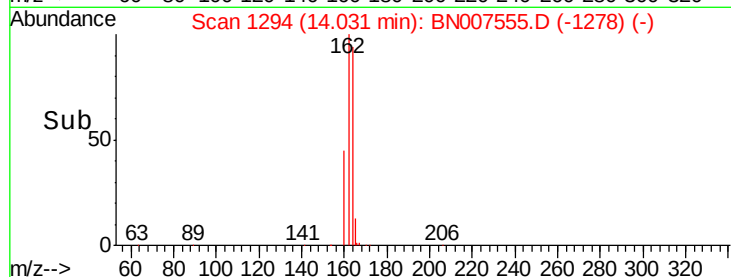
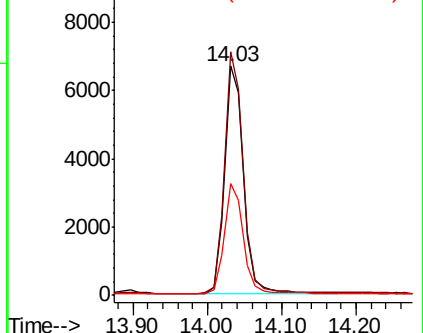
160 48.6 38.2 57.4



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: 0.353 ng

RT: 15.54 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

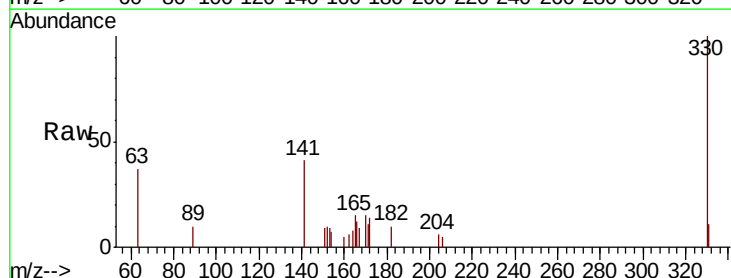
Tgt Ion:330 Resp: 2135

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

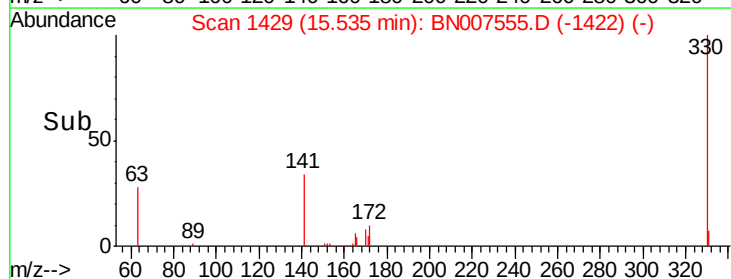
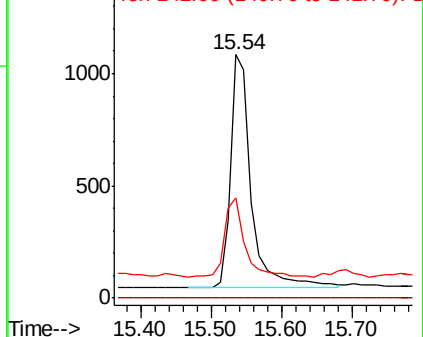
141 34.1 26.9 40.3

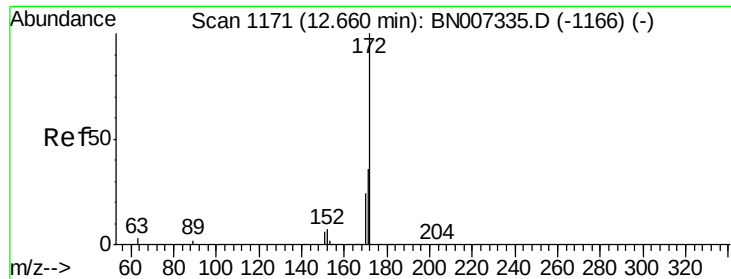


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

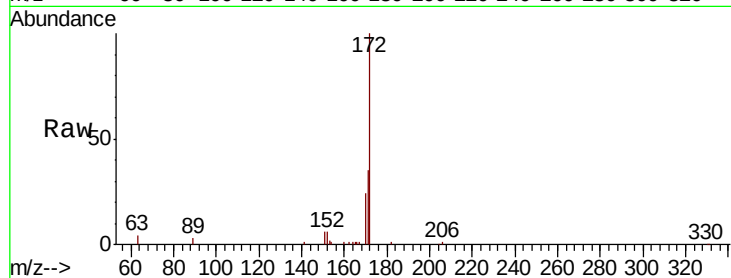




#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.65 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.3	45.5
170	24.0	20.7	31.1

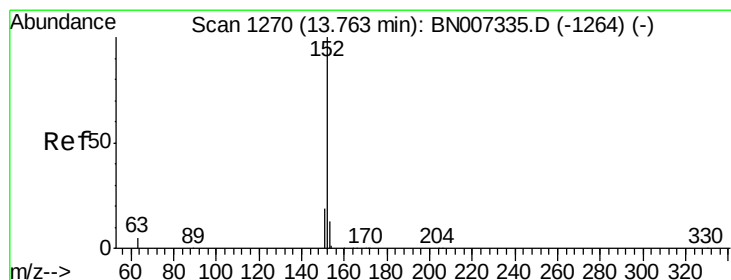
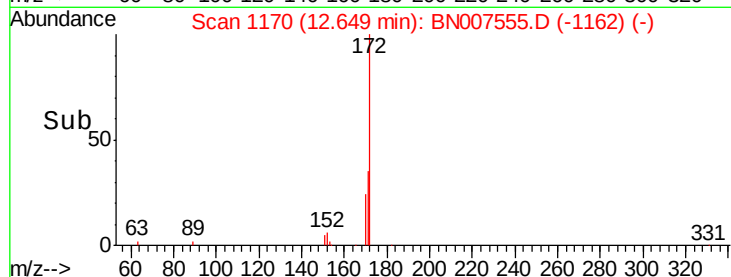
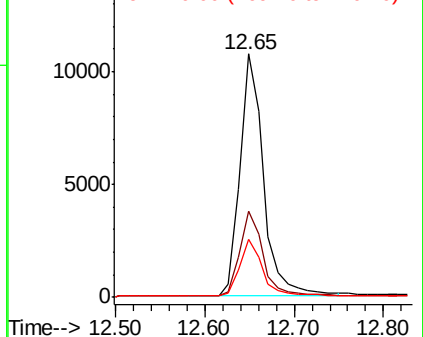


Abundance

Ion 172.00 (171.70 to 172.70): E

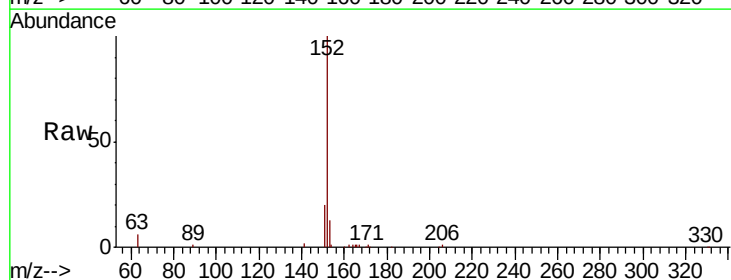
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.300 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	12.9	10.6	15.8

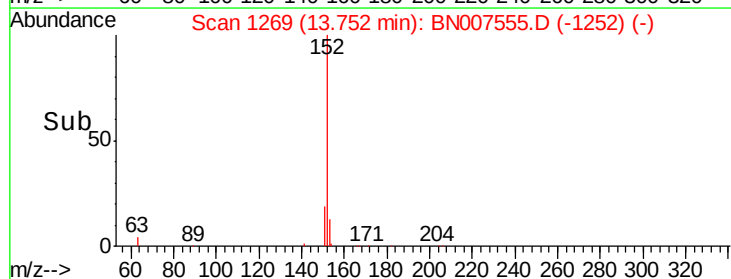
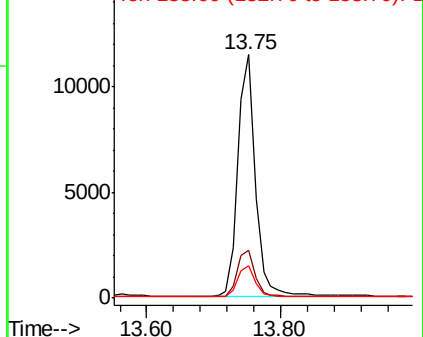


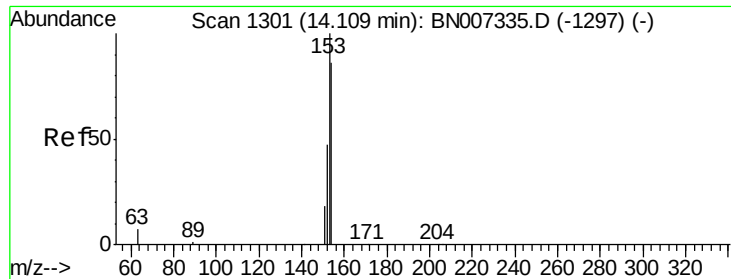
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.340 ng

RT: 14.10 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

ClientSampleId :

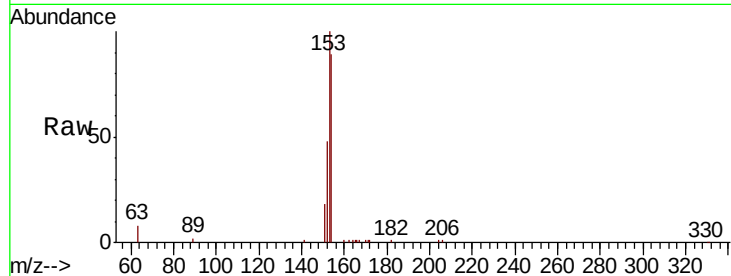
Tot Ion:154 Resp: 13622

Ion Ratio Lower Upper

154 100

153 112.6 92.8 139.2

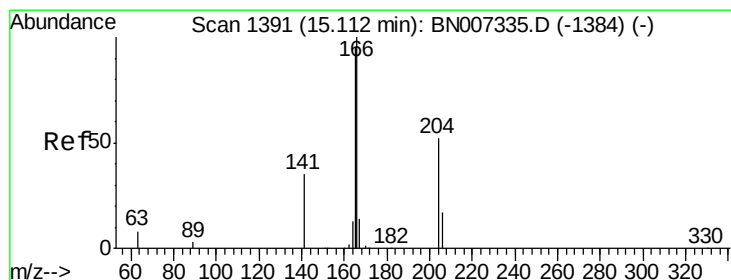
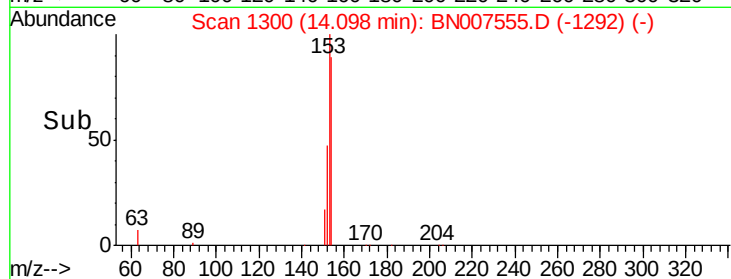
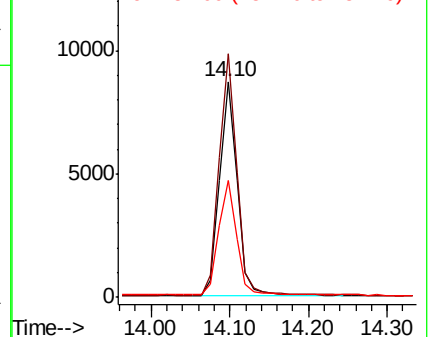
152 53.6 43.8 65.8



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: 0.346 ng

RT: 15.09 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

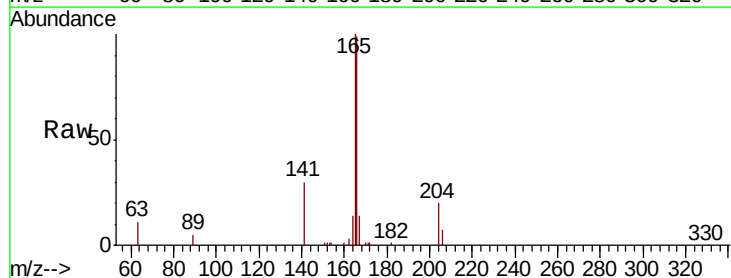
Tgt Ion:166 Resp: 17502

Ion Ratio Lower Upper

166 100

165 97.7 79.0 118.4

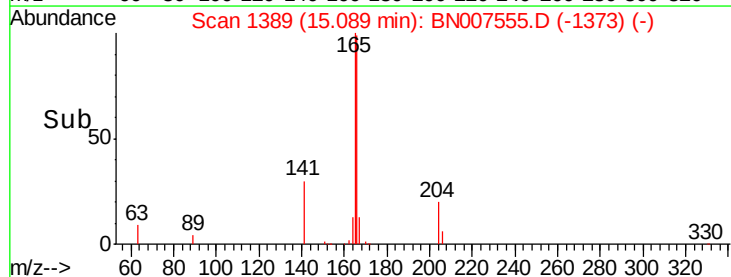
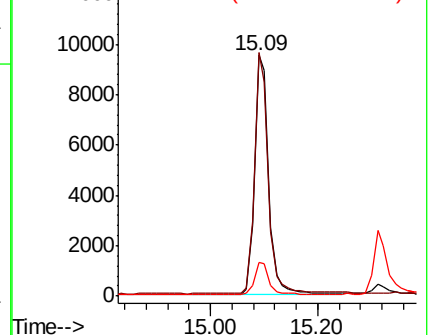
167 13.5 10.6 15.8

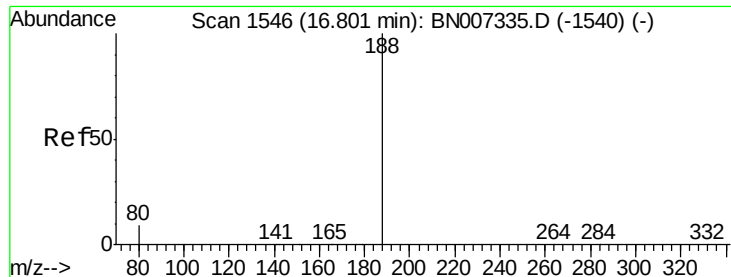


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

ClientSampleId :

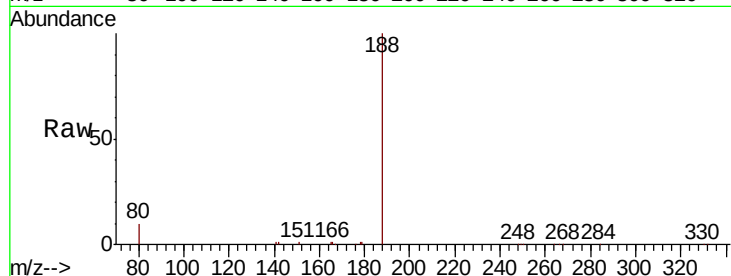
Tot Ion:188 Resp: 25039

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

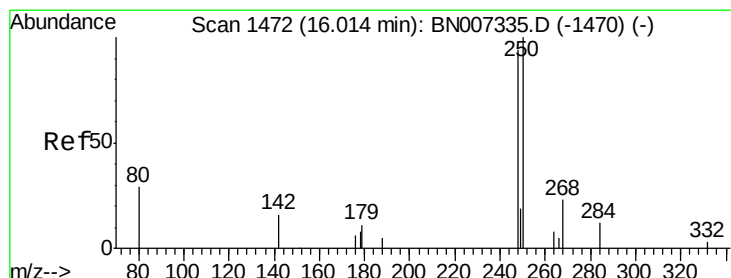
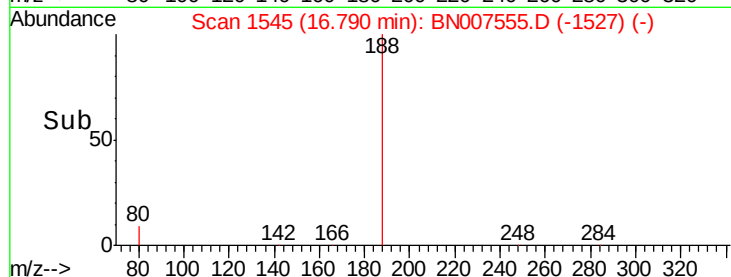
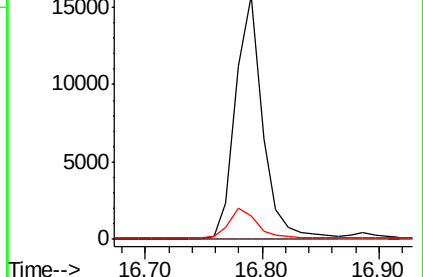
80 9.6 11.8 17.8#



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: 0.085 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

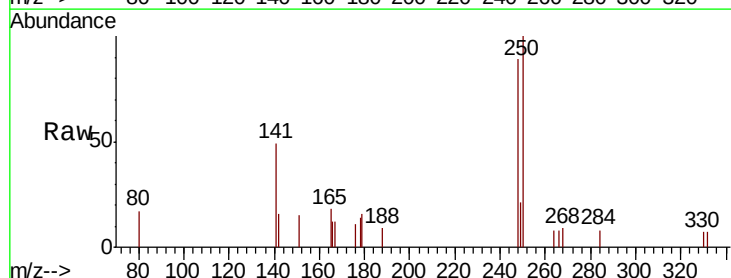
Tgt Ion:248 Resp: 844

Ion Ratio Lower Upper

248 100

250 112.8 85.0 127.6

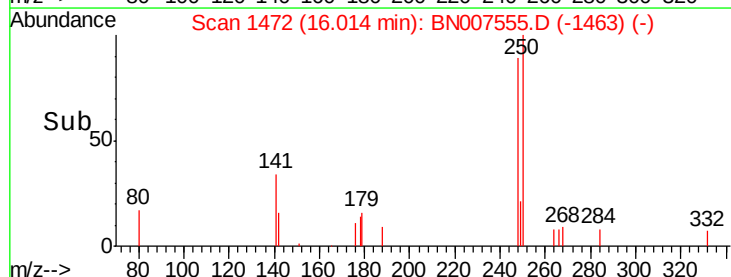
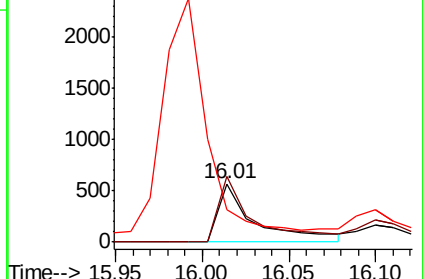
141 55.3 51.7 77.5

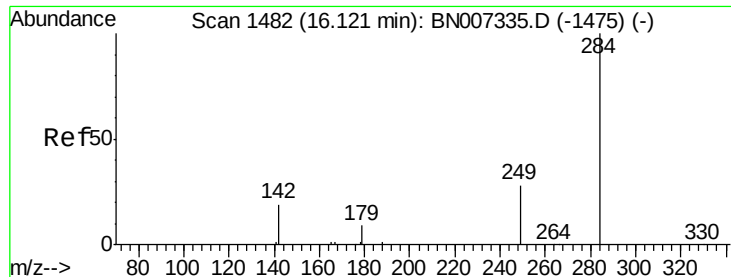


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

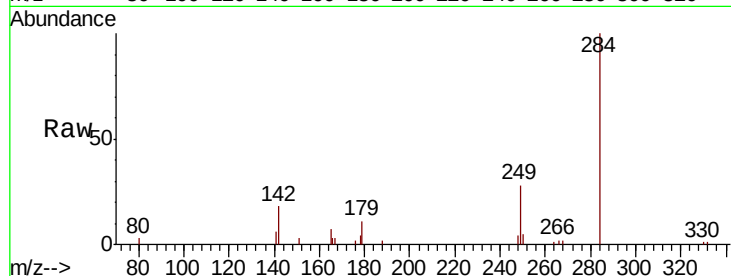




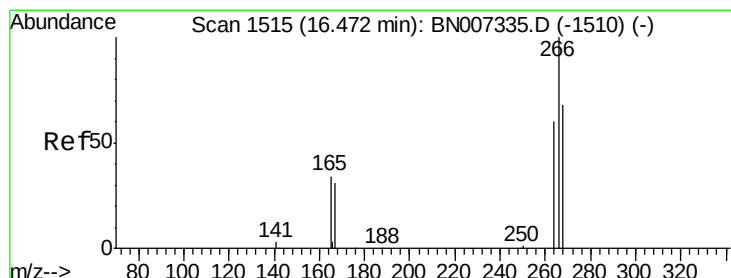
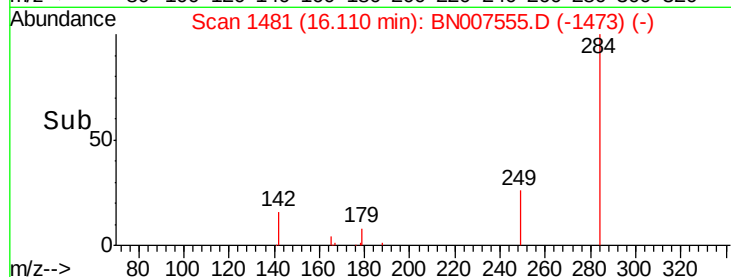
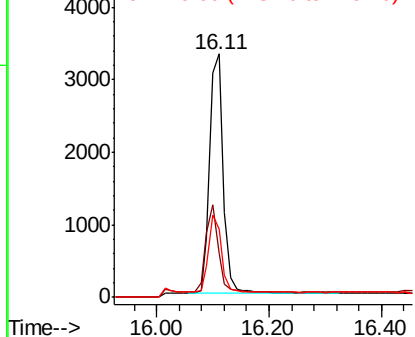
#21
Hexachlorobenzene
Concen: 0.334 ng
RT: 16.11 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 5603
Ion Ratio Lower Upper
284 100
142 32.7 29.0 43.6
249 31.0 24.9 37.3

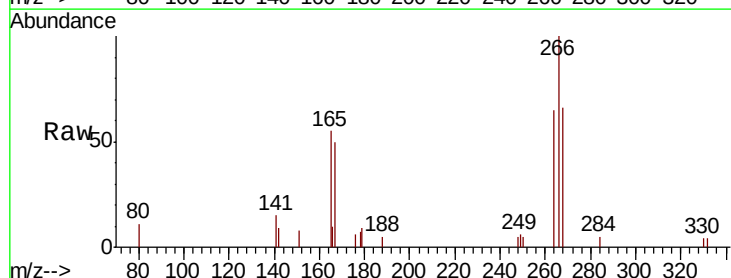


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

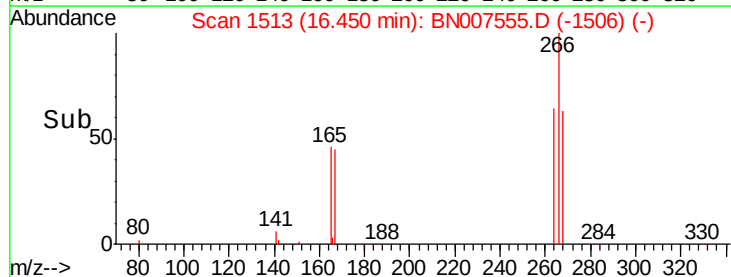
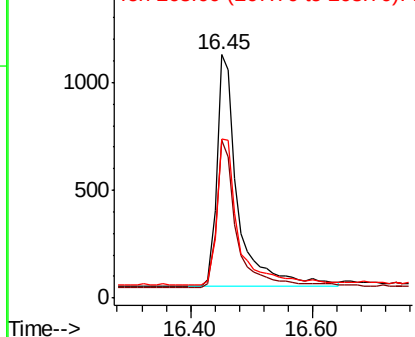


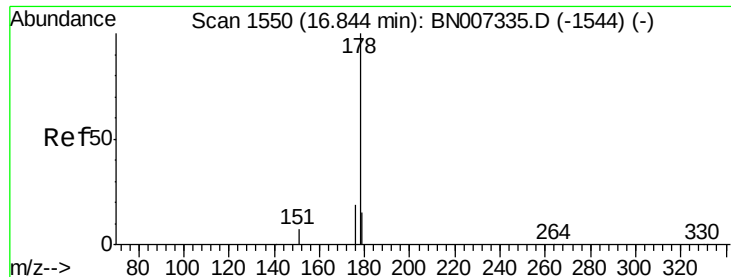
#22
Pentachlorophenol
Concen: 0.497 ng
RT: 16.45 min Scan# 1513
Delta R.T. -0.02 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Tgt Ion:266 Resp: 2591
Ion Ratio Lower Upper
266 100
264 64.9 57.8 86.8
268 65.6 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: 0.411 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

ClientSampled :

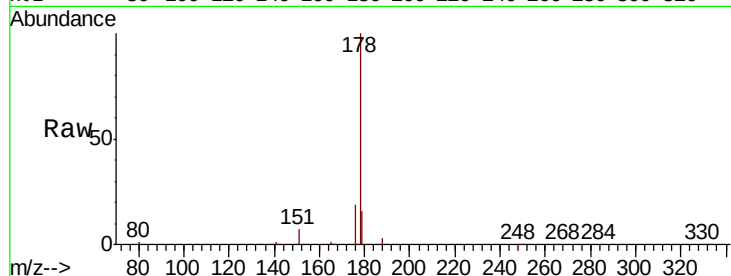
Tot Ion:178 Resp: 30982

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

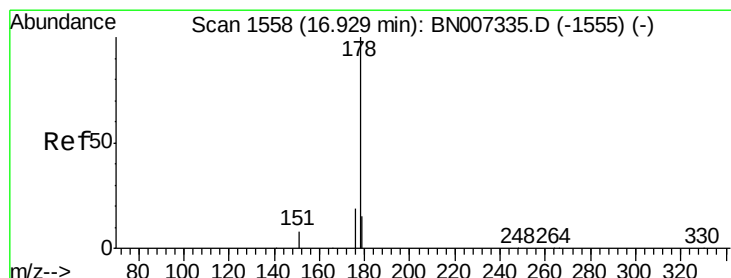
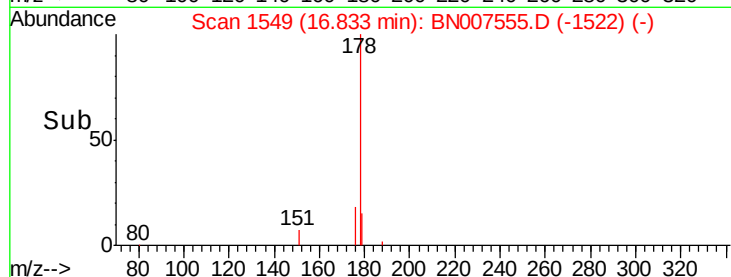
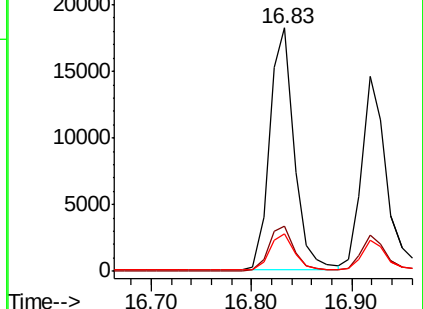
179 15.5 12.6 19.0



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: 0.330 ng

RT: 16.92 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

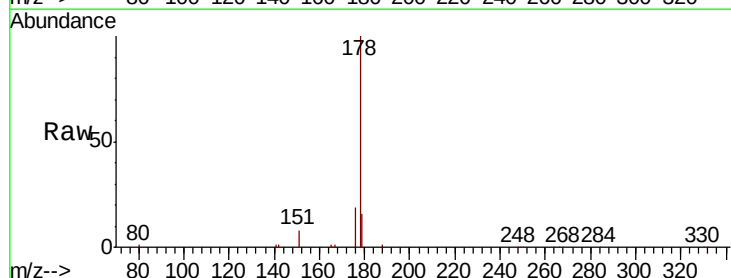
Tgt Ion:178 Resp: 24971

Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

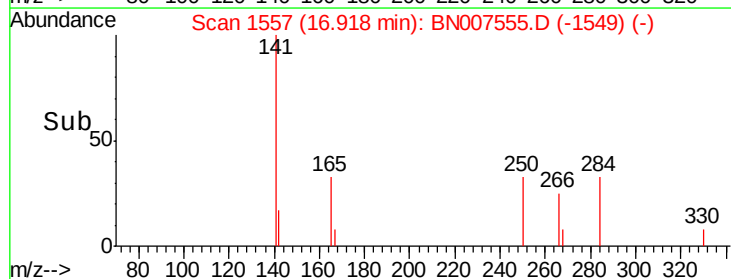
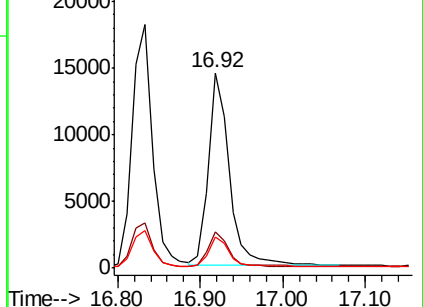
179 14.9 12.4 18.6

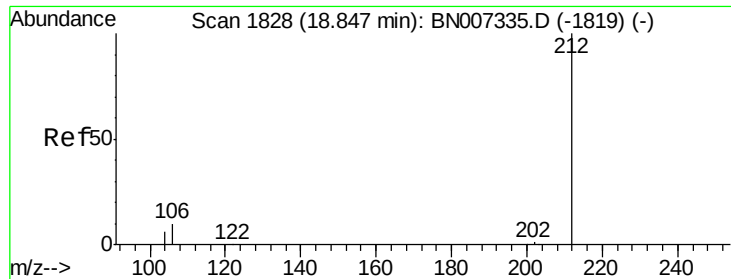


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

ClientSampleId :

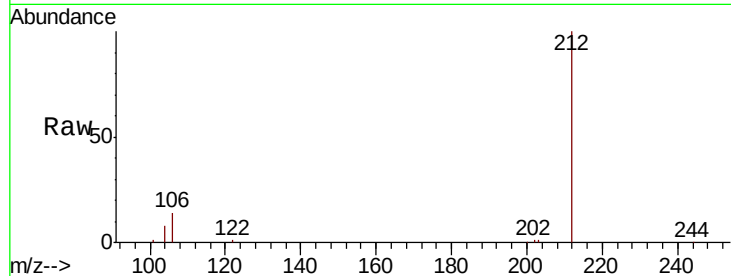
Tot Ion:212 Resp: 27159

Ion Ratio Lower Upper

212 100

106 13.3 9.0 13.4

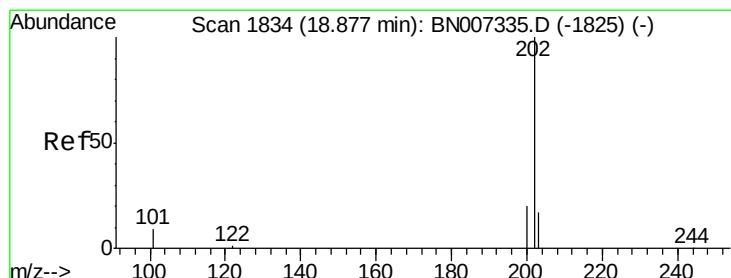
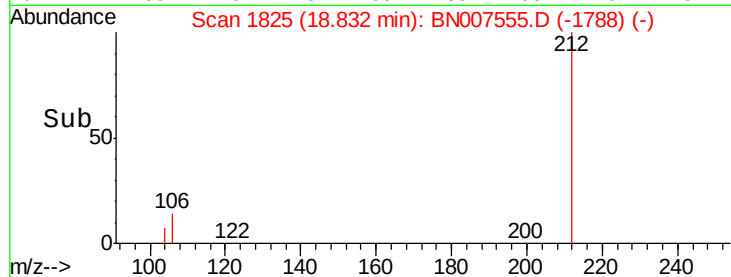
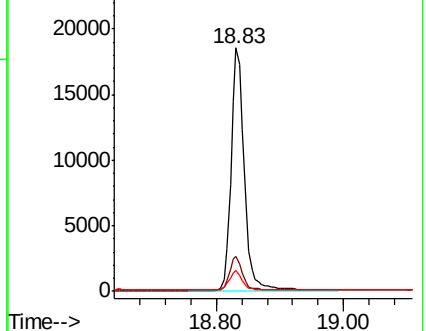
104 7.6 5.4 8.2



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: 0.348 ng

RT: 18.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

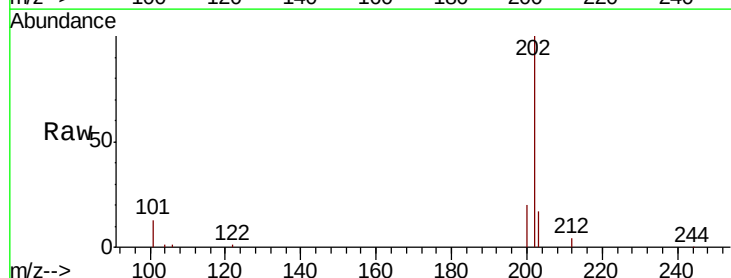
Tgt Ion:202 Resp: 33644

Ion Ratio Lower Upper

202 100

101 11.8 7.7 11.5#

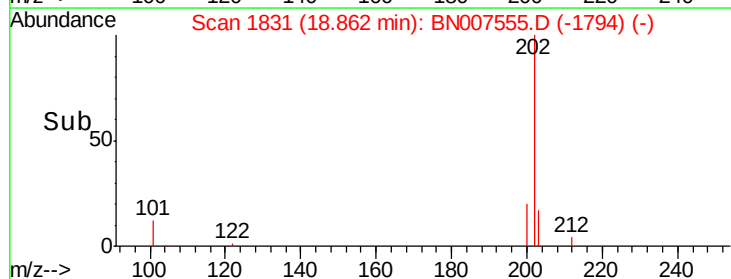
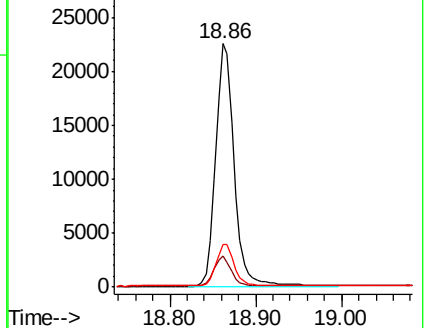
203 17.0 13.7 20.5

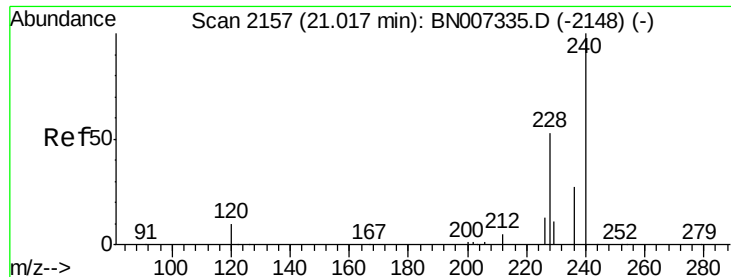


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.01 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

ClientSampled :

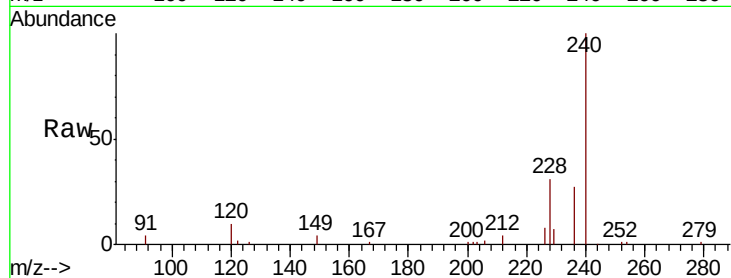
Tot Ion:240 Resp: 24369

Ion Ratio Lower Upper

240 100

120 10.1 9.6 14.4

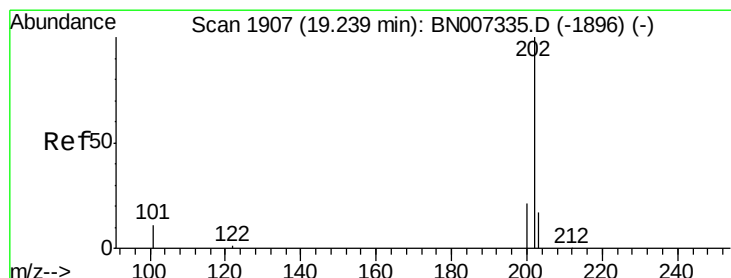
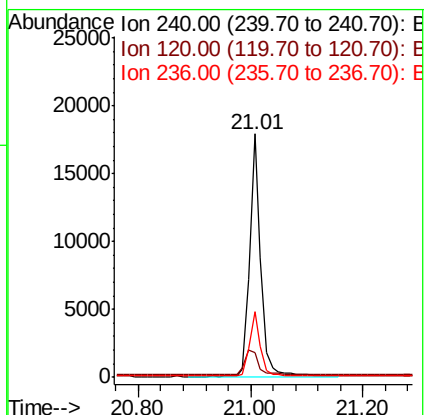
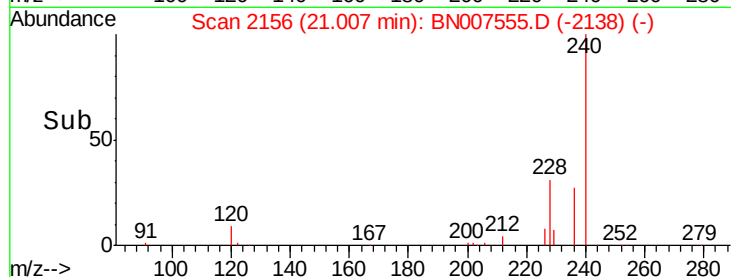
236 27.0 22.2 33.2



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: 0.352 ng

RT: 19.23 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

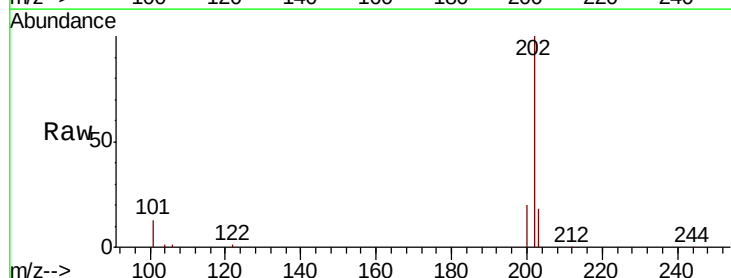
Tgt Ion:202 Resp: 34544

Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

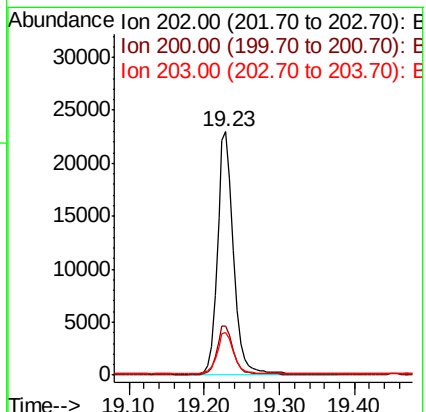
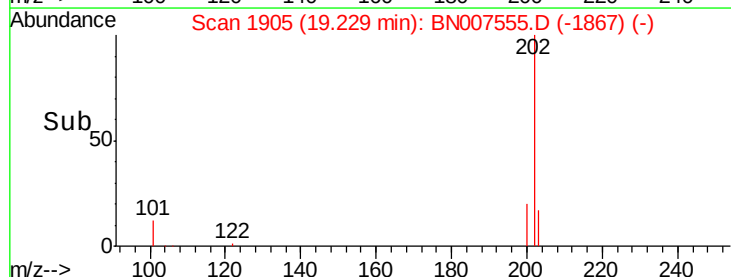
203 17.9 14.2 21.4

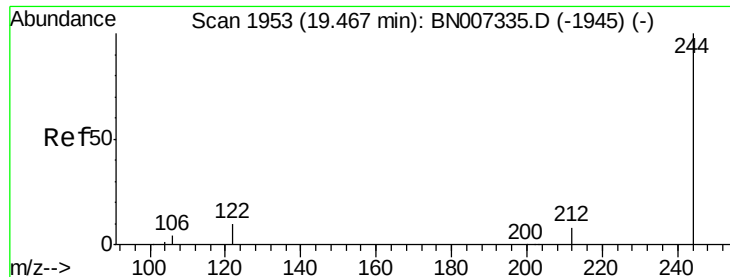


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.539 ng

RT: 19.45 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

ClientSampleId :

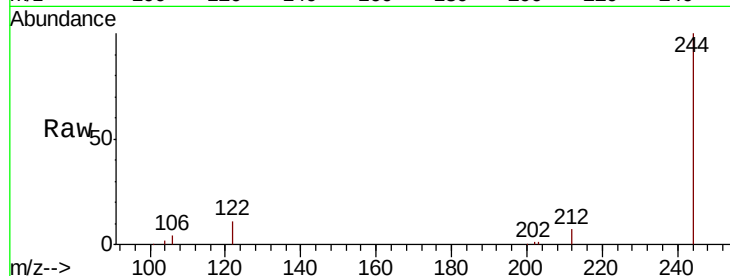
Tot Ion:244 Resp: 34344

Ion Ratio Lower Upper

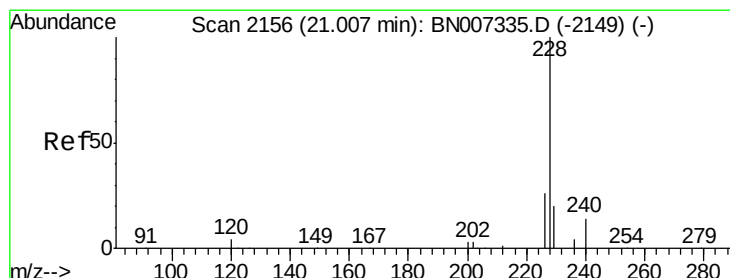
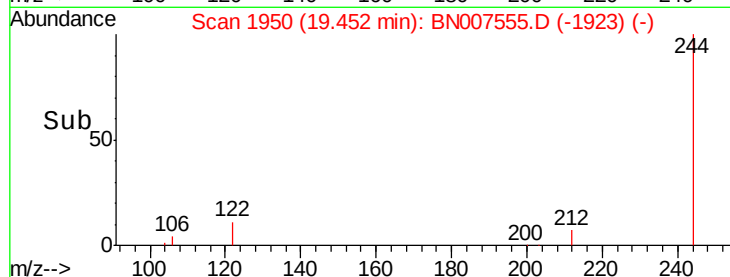
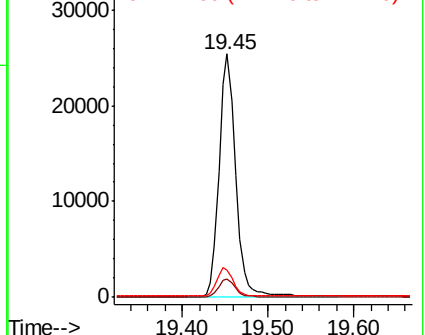
244 100

212 7.5 7.0 10.6

122 11.3 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: 0.310 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

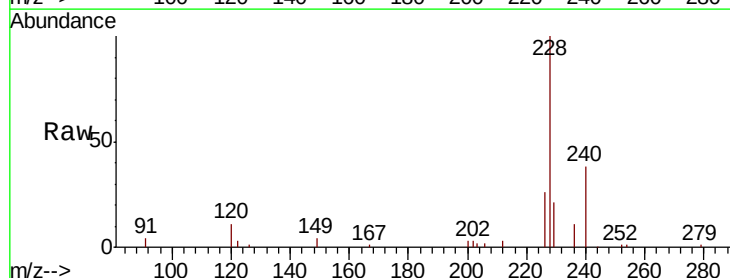
Tgt Ion:228 Resp: 29679

Ion Ratio Lower Upper

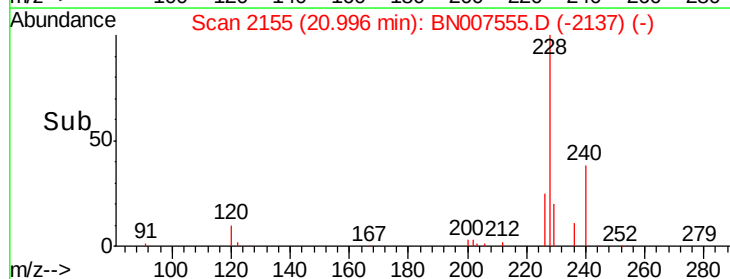
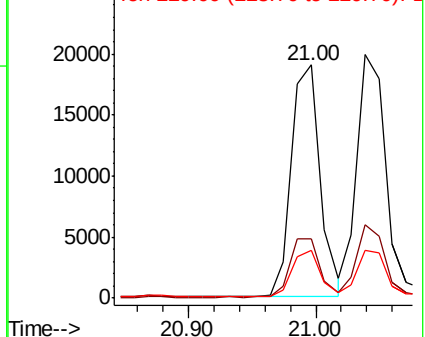
228 100

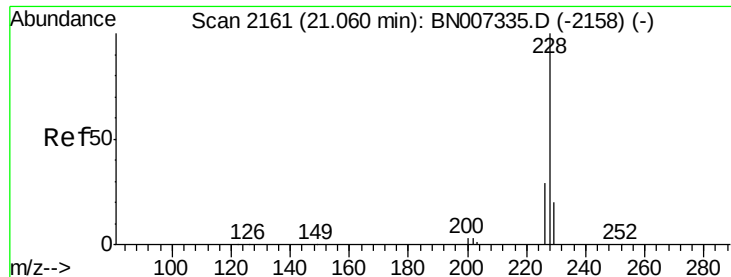
226 25.6 21.3 31.9

229 20.7 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: 0.338 ng

RT: 21.04 min Scan# 2159

Delta R.T. -0.02 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

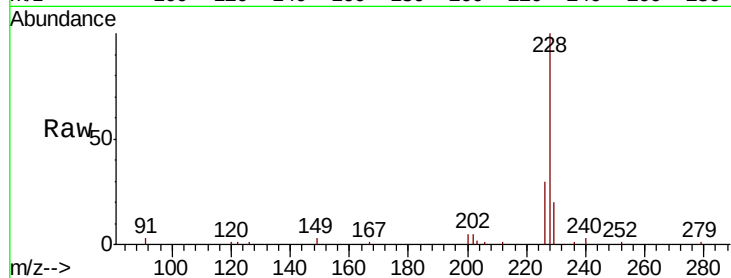
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 31195

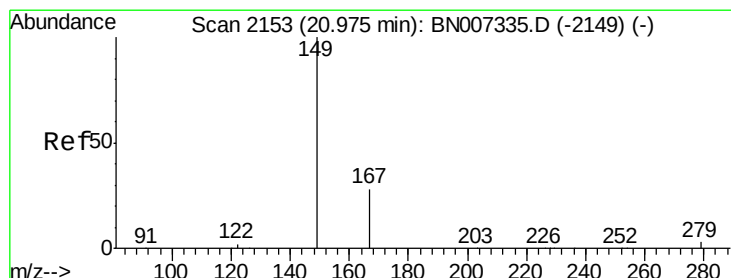
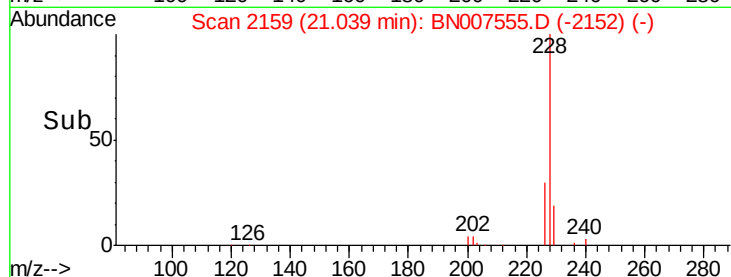
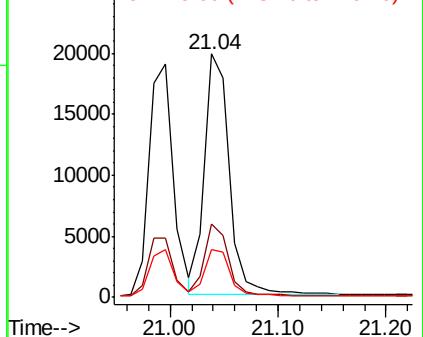
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.5	35.3
229	19.7	16.6	24.8



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: 0.265 ng

RT: 20.95 min Scan# 2151

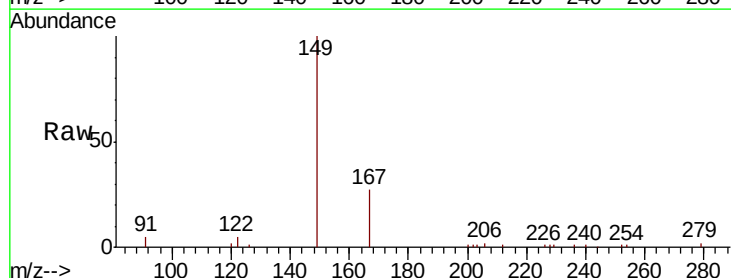
Delta R.T. -0.02 min

Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Tgt Ion:149 Resp: 17574

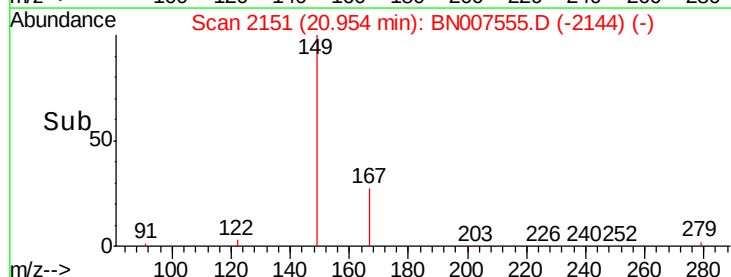
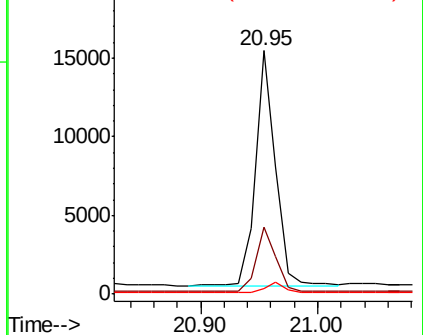
Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.8	34.2
279	4.2	3.5	5.3

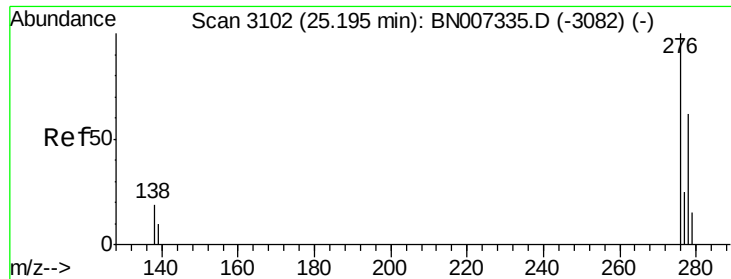


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

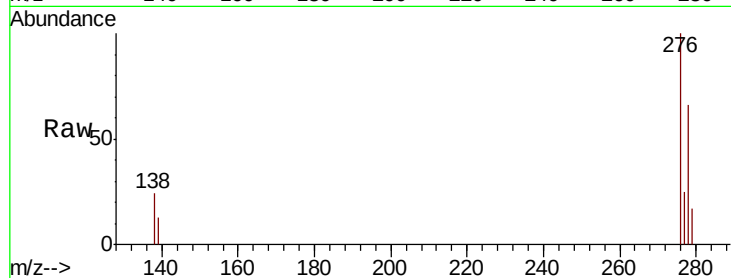




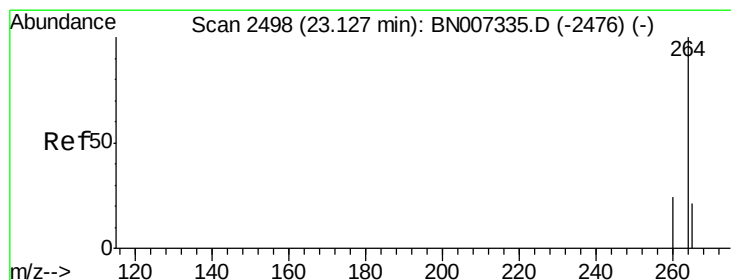
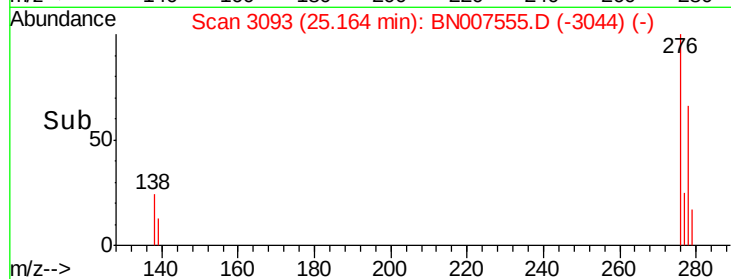
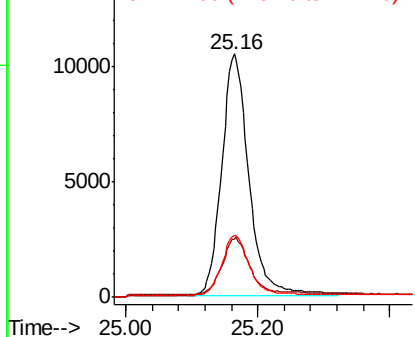
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.272 ng
 RT: 25.16 min Scan# 3093
 Delta R.T. -0.03 min
 Lab File: BN007555.D
 Acq: 06 Sep 2019 23:12

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 30219
 Ion Ratio Lower Upper
 276 100
 138 22.4 15.1 22.7
 277 24.2 19.7 29.5

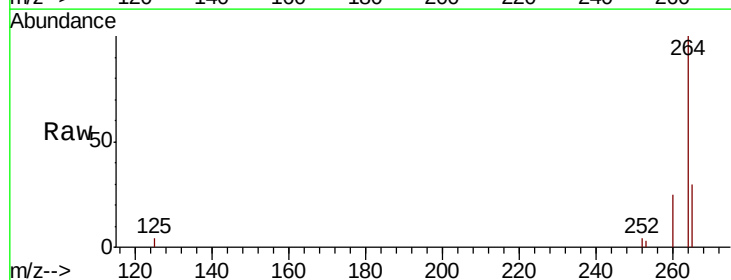


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

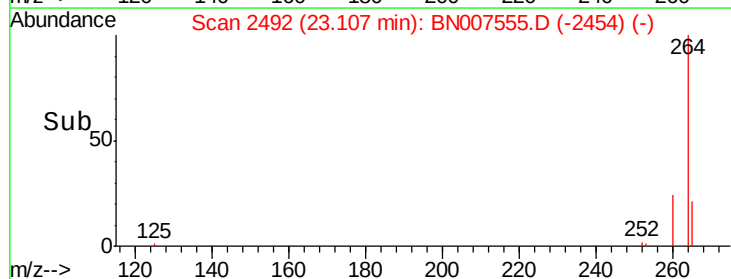
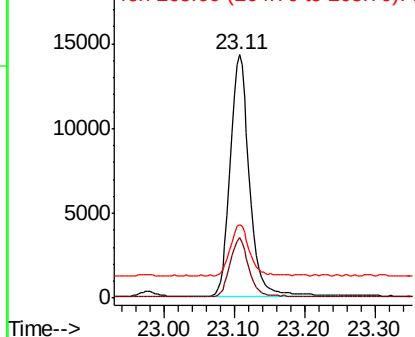


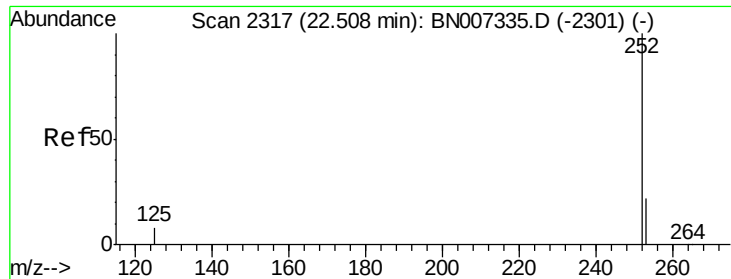
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2492
 Delta R.T. -0.02 min
 Lab File: BN007555.D
 Acq: 06 Sep 2019 23:12

Tgt Ion:264 Resp: 26905
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.7 29.5
 265 30.2 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

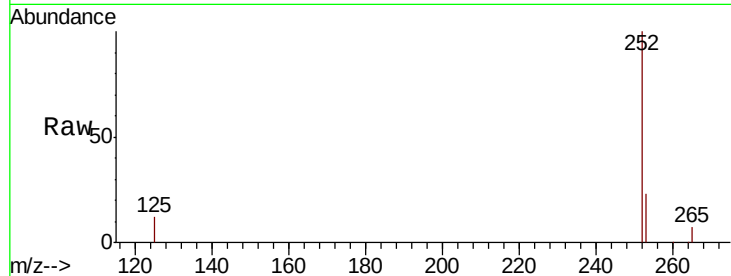




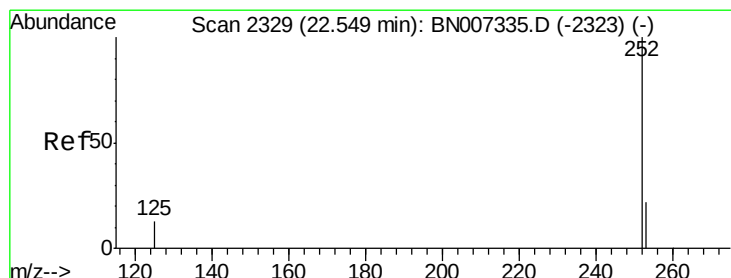
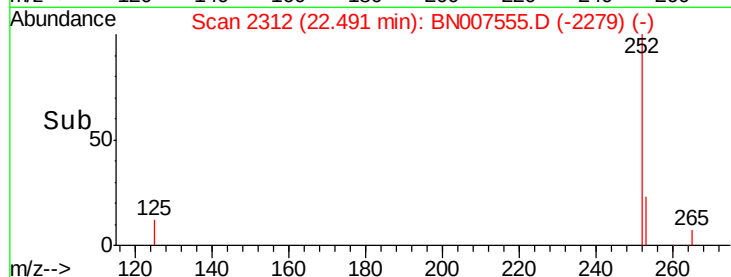
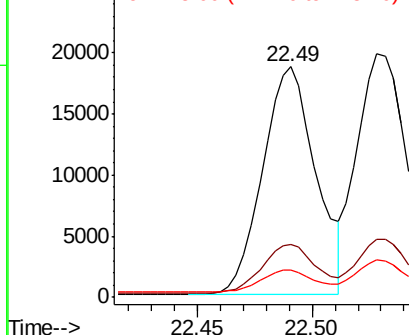
#35
Benzo(b)fluoranthene
Concen: 0.309 ng
RT: 22.49 min Scan# 2312
Delta R.T. -0.02 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 30140
Ion Ratio Lower Upper
252 100
253 23.2 19.2 28.8
125 11.6 10.6 16.0

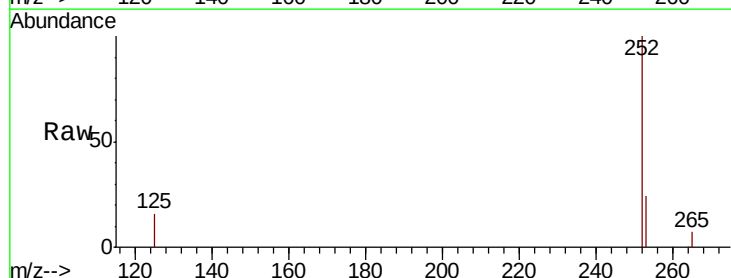


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

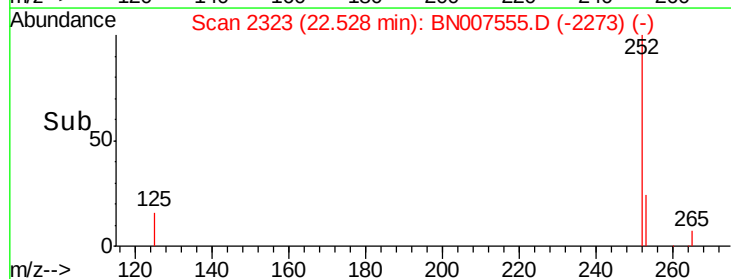
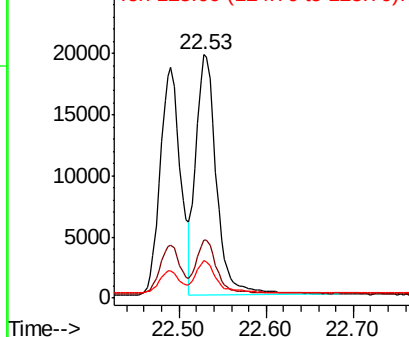


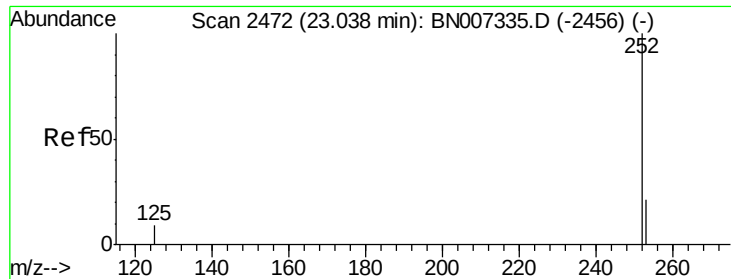
#36
Benzo(k)fluoranthene
Concen: 0.334 ng
RT: 22.53 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Tgt Ion:252 Resp: 32194
Ion Ratio Lower Upper
252 100
253 23.7 19.4 29.2
125 15.5 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

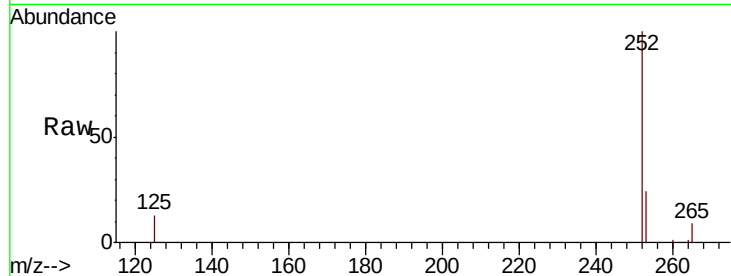




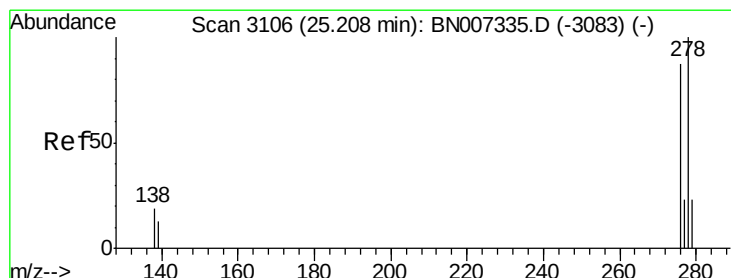
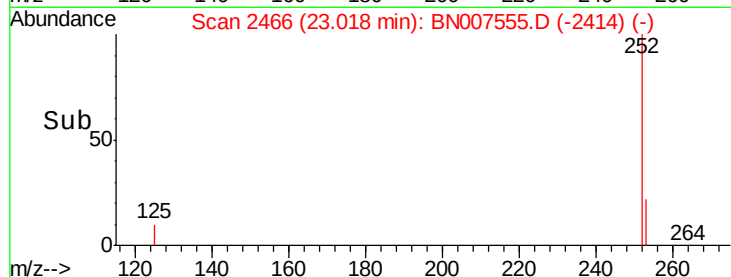
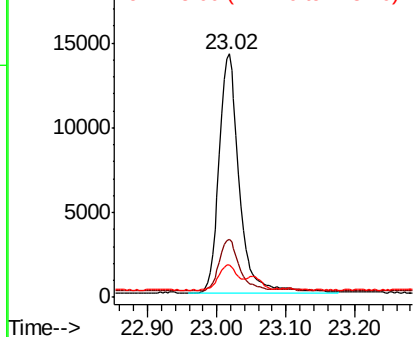
#37
Benzo(a)pyrene
Concen: 0.310 ng
RT: 23.02 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 28753
Ion Ratio Lower Upper
252 100
253 23.9 19.5 29.3
125 13.2 12.1 18.1

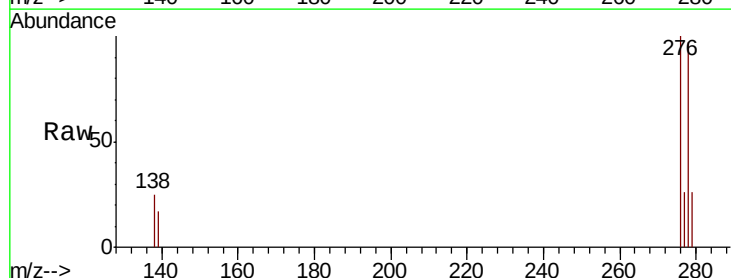


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

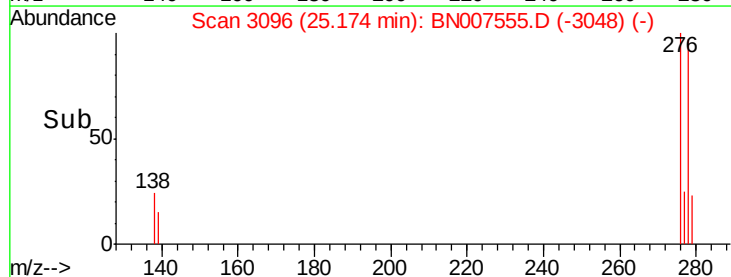
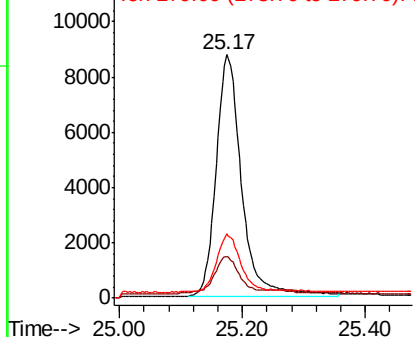


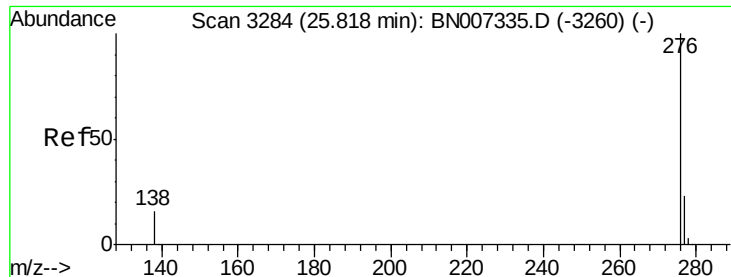
#38
Dibenzo(a,h)anthracene
Concen: 0.270 ng
RT: 25.17 min Scan# 3096
Delta R.T. -0.03 min
Lab File: BN007555.D
Acq: 06 Sep 2019 23:12

Tgt Ion:278 Resp: 25037
Ion Ratio Lower Upper
278 100
139 17.2 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: 0.284 ng

RT: 25.79 min Scan# 3275

Delta R.T. -0.03 min

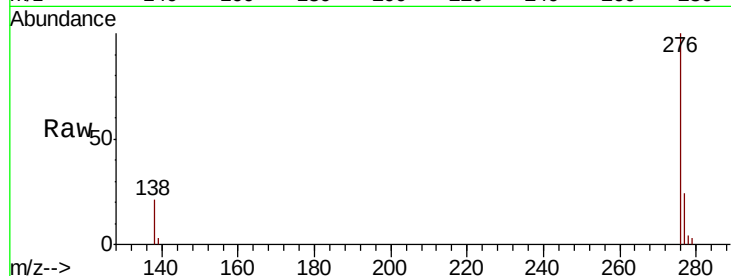
Lab File: BN007555.D

Acq: 06 Sep 2019 23:12

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 26177

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 21.3 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

