

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120519\
 Data File : BN008852.D
 Acq On : 05 Dec 2019 17:50
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 06 03:11:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 15:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3101	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	13124	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	9198	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	20747	0.40	ng	0.00
27) Chrysene-d12	21.14	240	22325	0.40	ng	0.00
34) Perylene-d12	23.30	264	24994	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	3230	0.38	ng	0.00
5) Phenol-d6	6.76	99	4500	0.39	ng	0.00
8) Nitrobenzene-d5	8.71	82	4534	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.92	152	8808	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.69	330	1862	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	13890	0.40	ng	0.00
25) Fluoranthene-d10	18.98	212	24764	0.39	ng	0.00
29) Terphenyl-d14	19.59	244	20429	0.40	ng	0.00

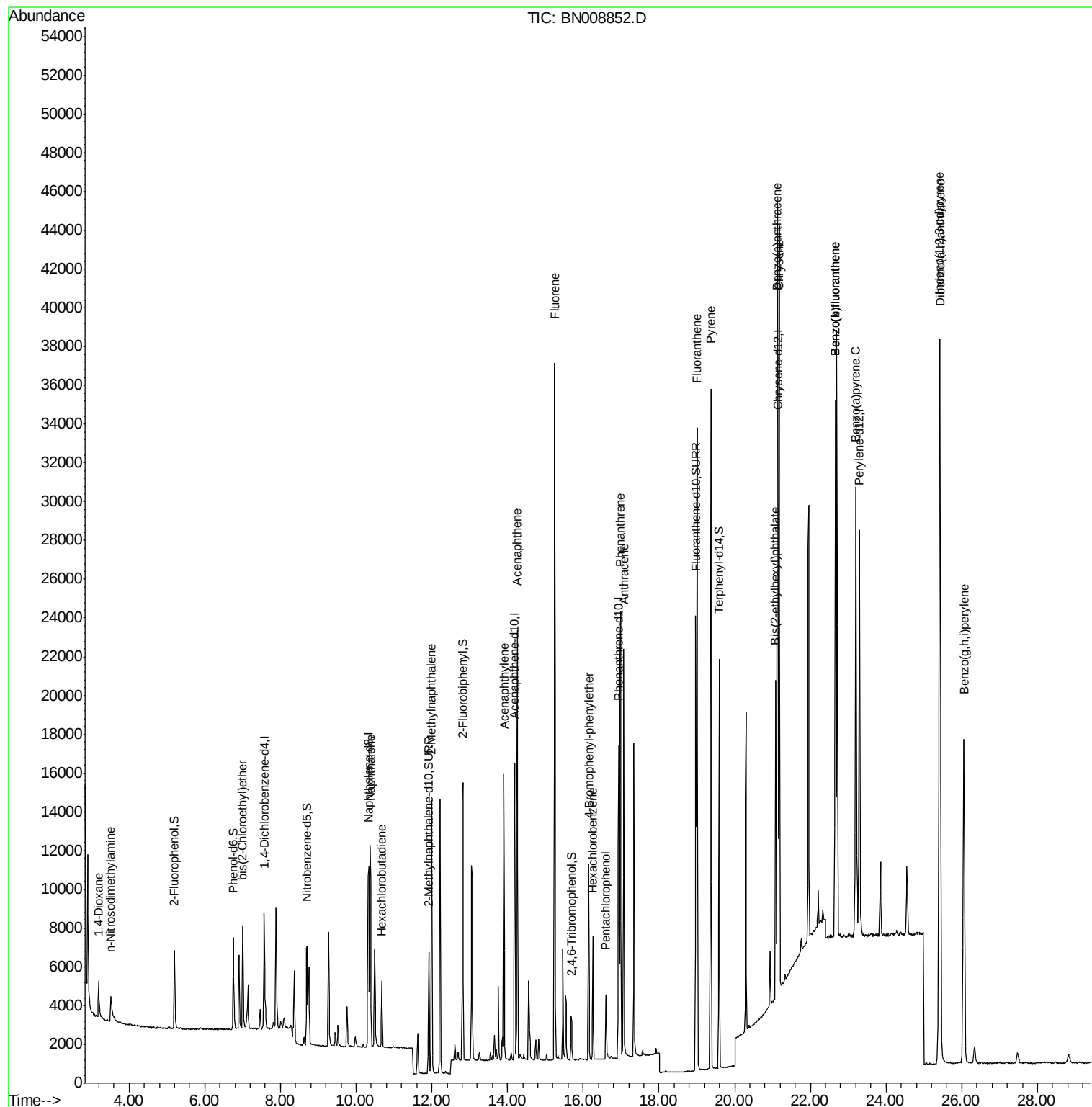
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	1166	0.391	ng	# 100
3) n-Nitrosodimethylamine	3.51	42	1448	0.352	ng	# 100
6) bis(2-Chloroethyl)ether	7.01	93	4019	0.391	ng	98
9) Naphthalene	10.37	128	14138	0.404	ng	99
10) Hexachlorobutadiene	10.67	225	2786	0.404	ng	# 100
12) 2-Methylnaphthalene	11.99	142	10412	0.404	ng	100
16) Acenaphthylene	13.91	152	16398	0.382	ng	100
17) Acenaphthene	14.25	154	10792	0.396	ng	99
18) Fluorene	15.25	166	14523	0.402	ng	100
20) 4-Bromophenyl-phenylether	16.14	248	4823	0.397	ng	98
21) Hexachlorobenzene	16.26	284	5628	0.402	ng	99
22) Pentachlorophenol	16.60	266	1871	0.333	ng	98
23) Phenanthrene	16.98	178	25192	0.398	ng	99
24) Anthracene	17.07	178	22445	0.386	ng	100
26) Fluoranthene	19.01	202	30352	0.398	ng	100
28) Pyrene	19.37	202	31012	0.398	ng	100
30) Benzo(a)anthracene	21.12	228	31958	0.396	ng	99
31) Chrysene	21.18	228	31427	0.401	ng	100
32) Bis(2-ethylhexyl)phthalate	21.08	149	17315	0.322	ng	99
33) Indeno(1,2,3-cd)pyrene	25.41	276	40281	0.417	ng	98
35) Benzo(b)fluoranthene	22.66	252	32340	0.390	ng	98
36) Benzo(k)fluoranthene	22.66	252	32340	0.397	ng	96
37) Benzo(a)pyrene	23.20	252	31038	0.396	ng	98
38) Dibenzo(a,h)anthracene	25.43	278	32549	0.407	ng	98
39) Benzo(g,h,i)perylene	26.05	276	32826	0.405	ng	99

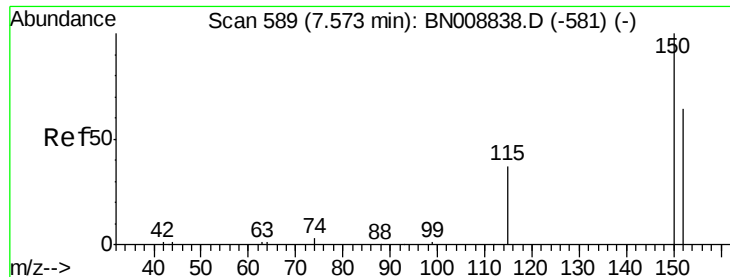
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 06 03:11:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120419.M
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QLast Update : Wed Dec 04 15:42:09 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 588

Delta R.T. -0.01 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Instrument :

BNA_N

ClientSampleId :

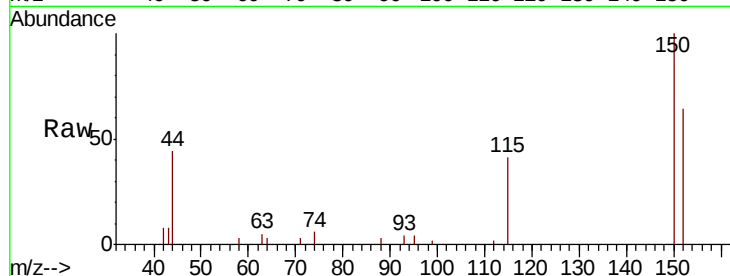
Tot Ion:152 Resp: 3101

Ion Ratio Lower Upper

152 100

150 155.5 123.9 185.9

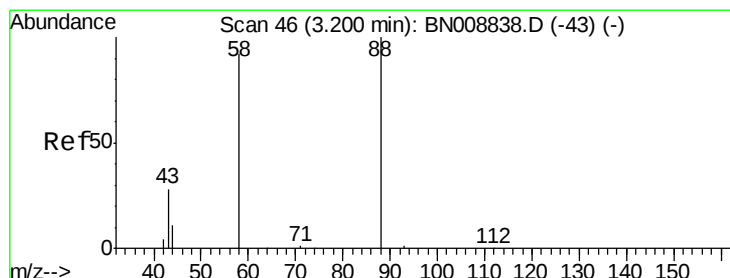
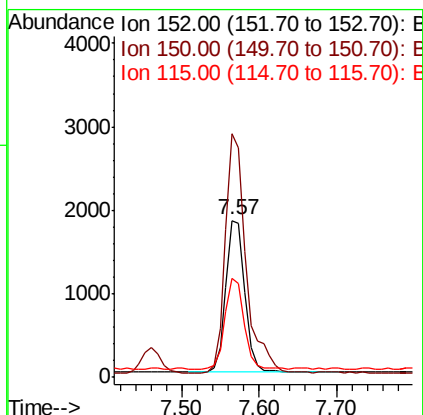
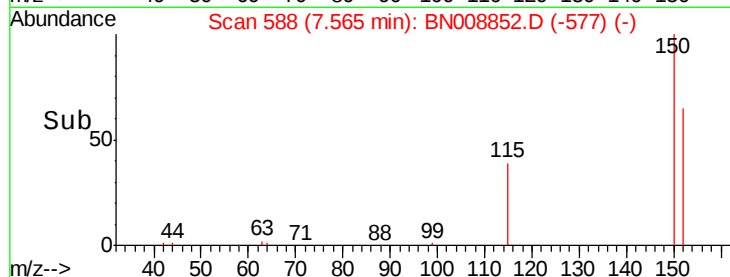
115 63.3 49.9 74.9



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: 0.391 ng

RT: 3.20 min Scan# 46

Delta R.T. 0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

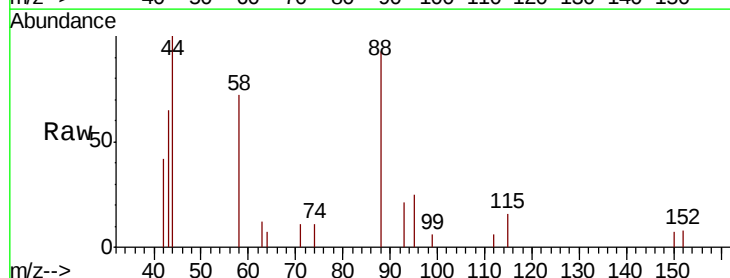
Tgt Ion: 88 Resp: 1166

Ion Ratio Lower Upper

88 100

58 110.5 0.0 0.0#

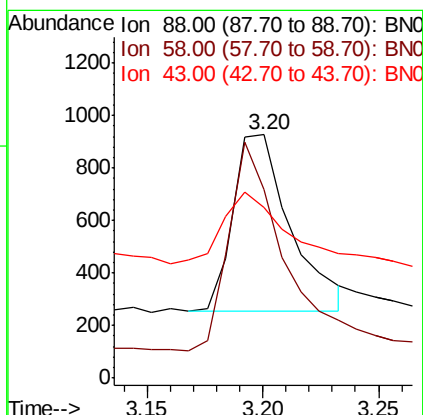
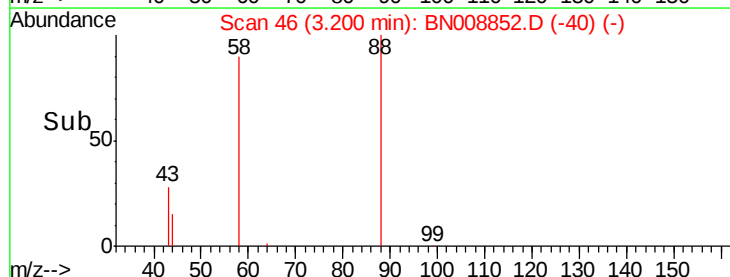
43 42.1 0.0 0.0#

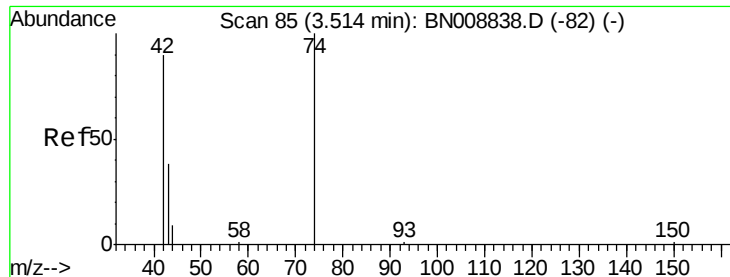


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.352 ng

RT: 3.51 min Scan# 85

Delta R.T. 0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Instrument :

BNA_N

ClientSampled :

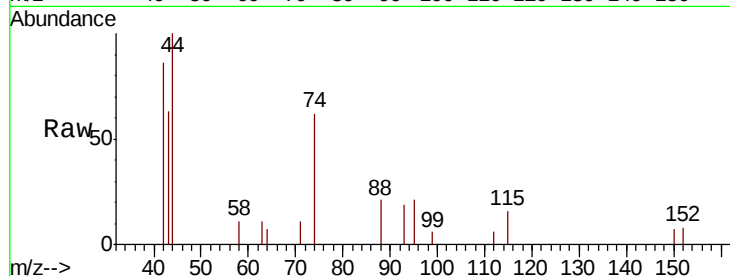
Tot Ion: 42 Resp: 1448

Ion Ratio Lower Upper

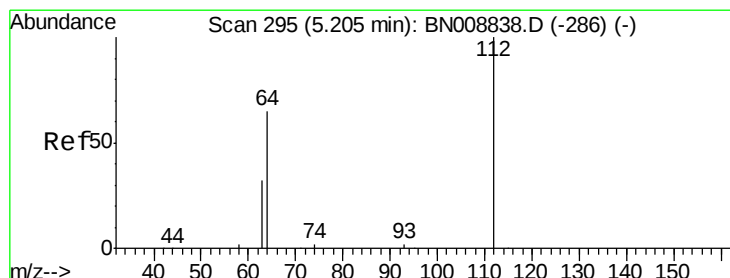
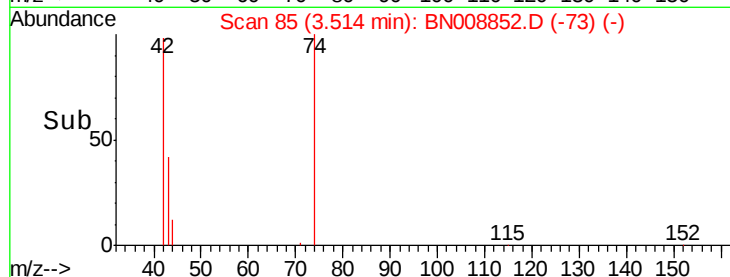
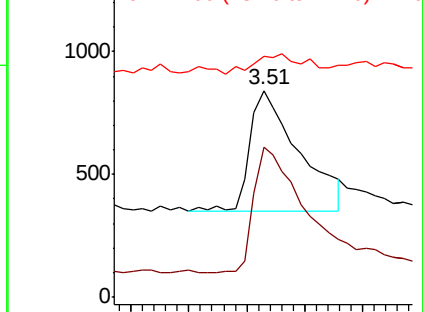
42 100

74 105.4 0.0 0.0#

44 16.6 0.0 0.0#



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: 0.385 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

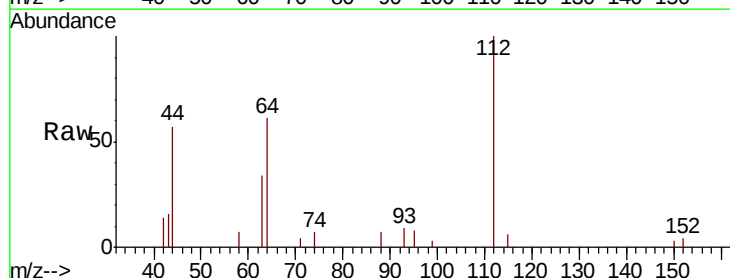
Tgt Ion: 112 Resp: 3230

Ion Ratio Lower Upper

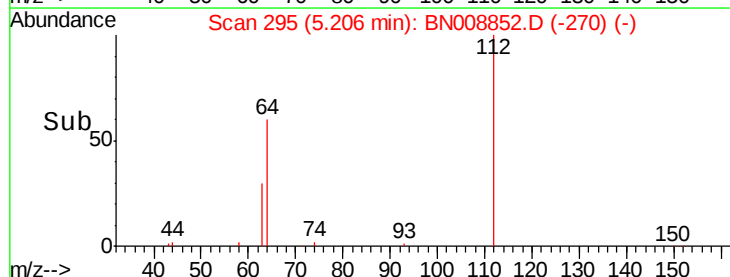
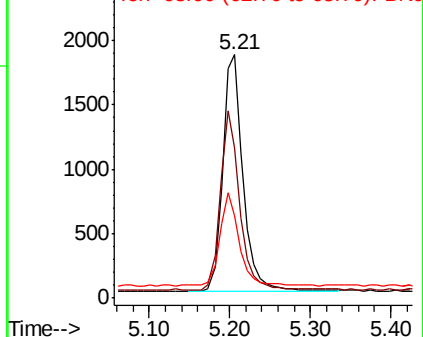
112 100

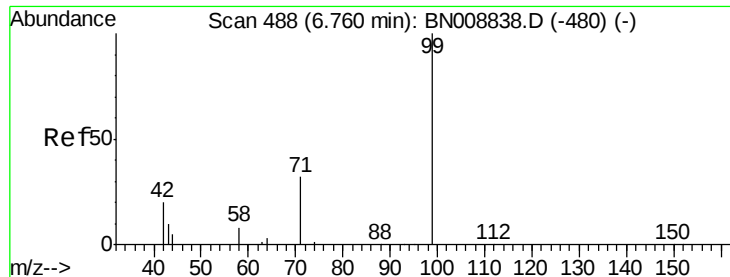
64 72.4 56.3 84.5

63 37.4 28.2 42.2



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





#5

Phenol-d6

Concen: 0.393 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Instrument :

BNA_N

ClientSampleId :

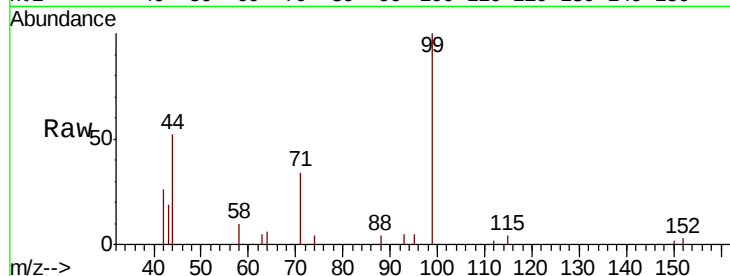
Tot Ion: 99 Resp: 4500

Ion Ratio Lower Upper

99 100

42 23.0 18.1 27.1

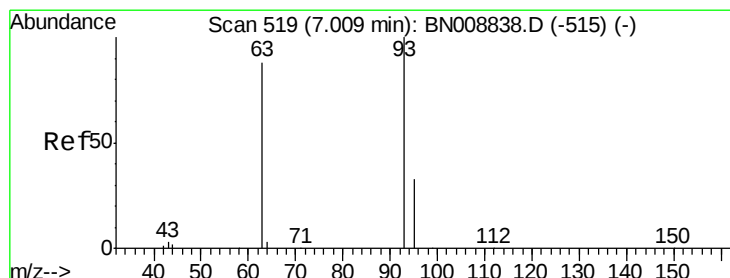
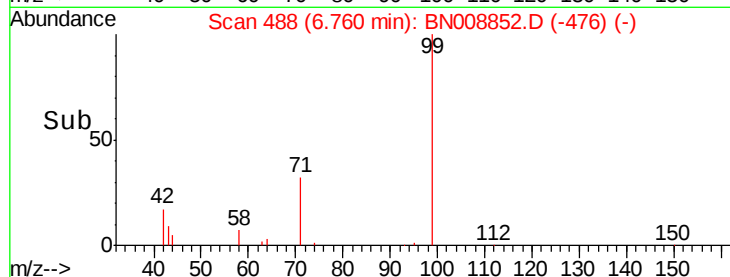
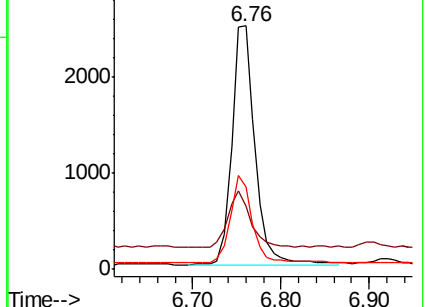
71 34.4 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN008838.D (-480) (-)

Ion 42.00 (41.70 to 42.70): BN008838.D (-480) (-)

Ion 71.00 (70.70 to 71.70): BN008838.D (-480) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.391 ng

RT: 7.01 min Scan# 519

Delta R.T. 0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

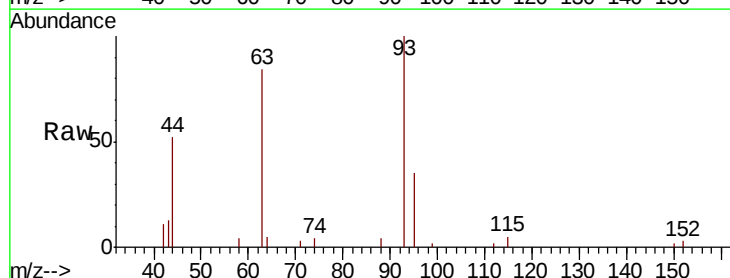
Tgt Ion: 93 Resp: 4019

Ion Ratio Lower Upper

93 100

63 92.9 72.1 108.1

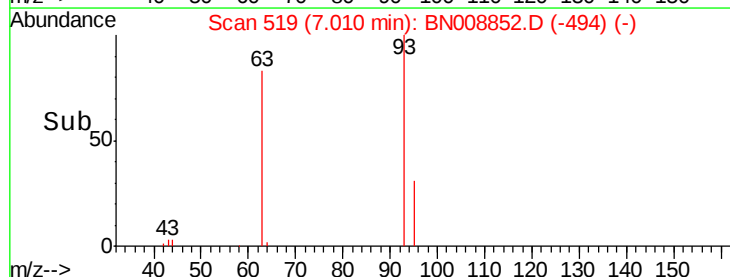
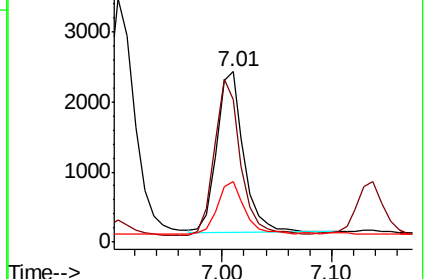
95 32.4 25.7 38.5

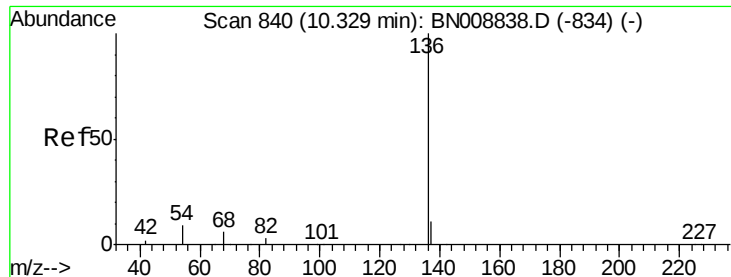


Abundance Ion 93.00 (92.70 to 93.70): BN008838.D (-515) (-)

Ion 63.00 (62.70 to 63.70): BN008838.D (-515) (-)

Ion 95.00 (94.70 to 95.70): BN008838.D (-515) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13124

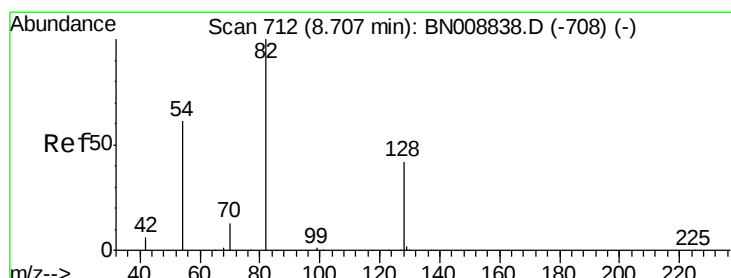
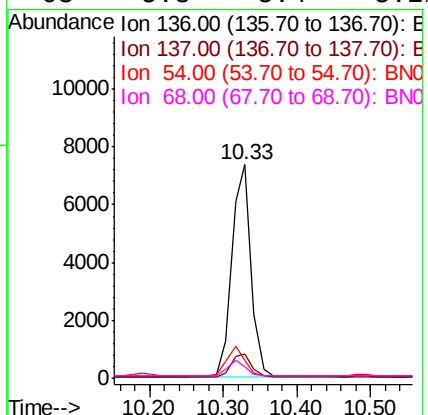
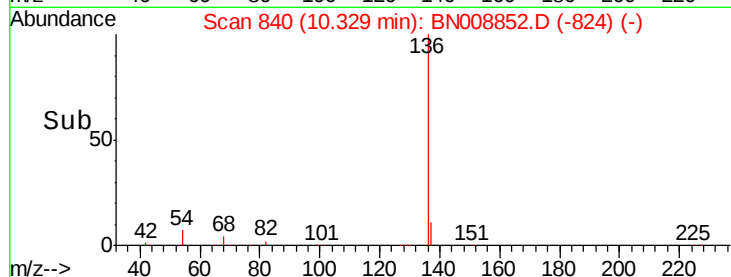
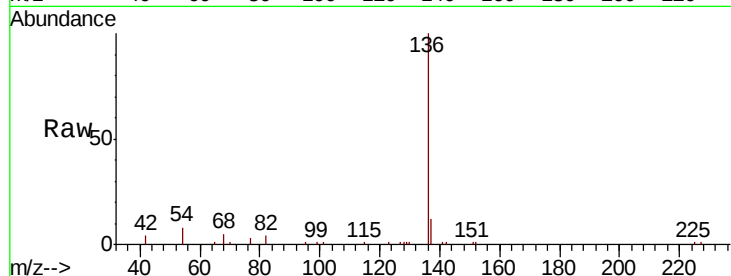
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 8.5 8.2 12.2

68 5.3 5.4 8.2#



#8

Nitrobenzene-d5

Concen: 0.391 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

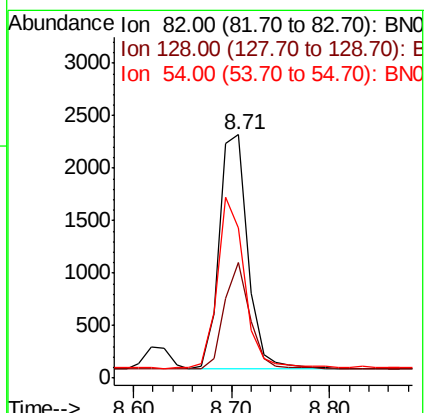
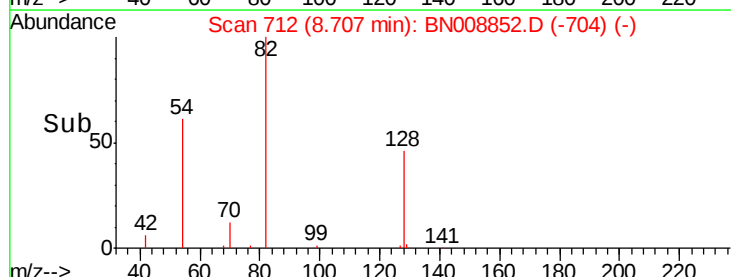
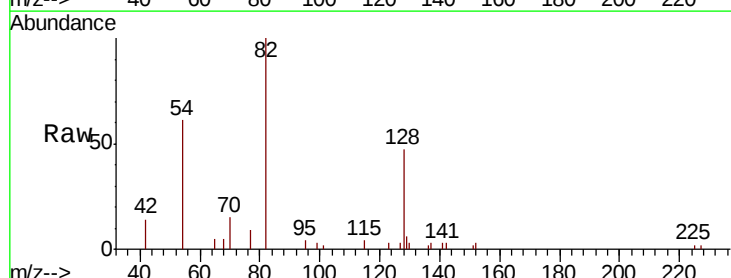
Tgt Ion: 82 Resp: 4534

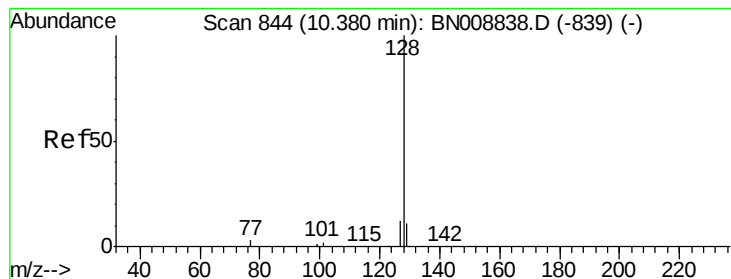
Ion Ratio Lower Upper

82 100

128 47.3 35.0 52.6

54 61.5 50.2 75.2





#9

Naphthalene

Concen: 0.404 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.01 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Instrument :

BNA_N

ClientSampleId :

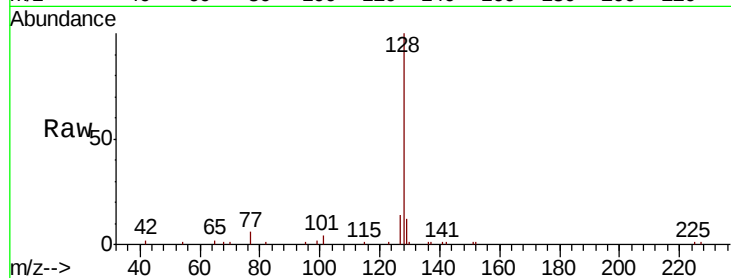
Tot Ion:128 Resp: 14138

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

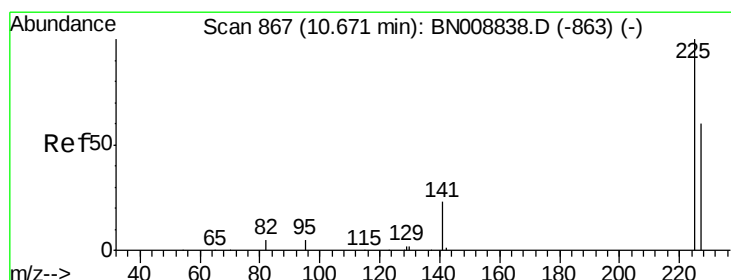
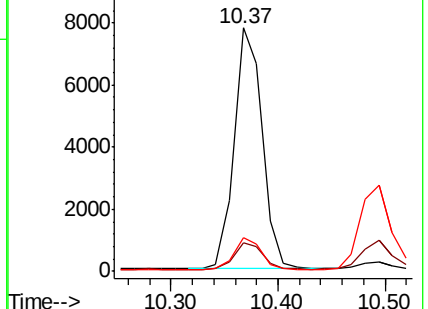
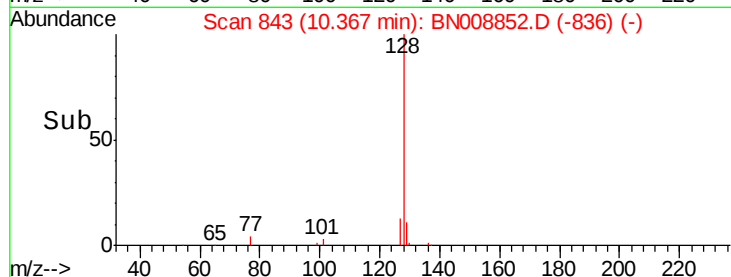
127 13.9 10.5 15.7



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: 0.404 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

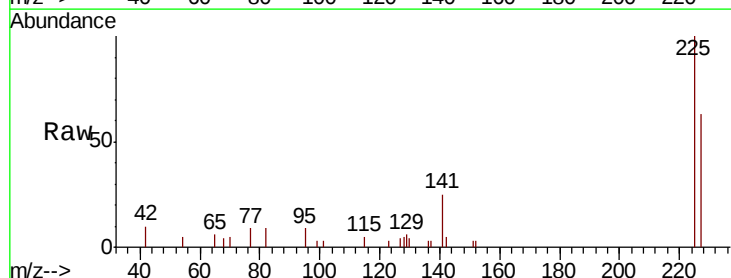
Tgt Ion:225 Resp: 2786

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

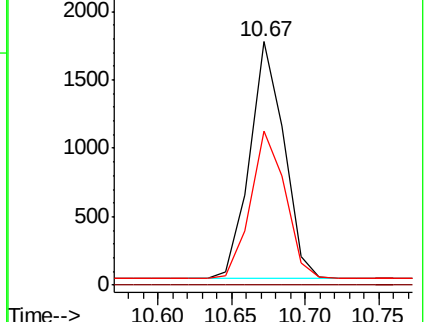
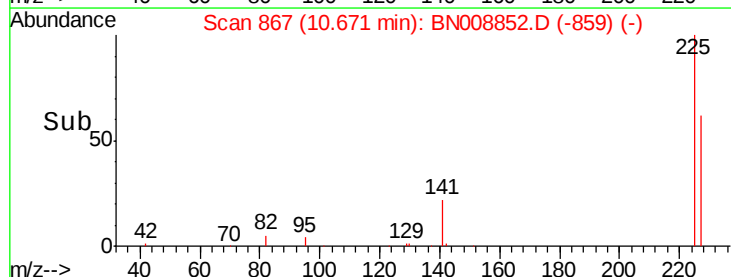
227 63.7 50.9 76.3

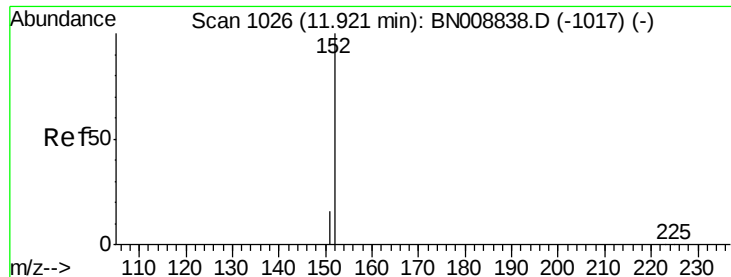


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

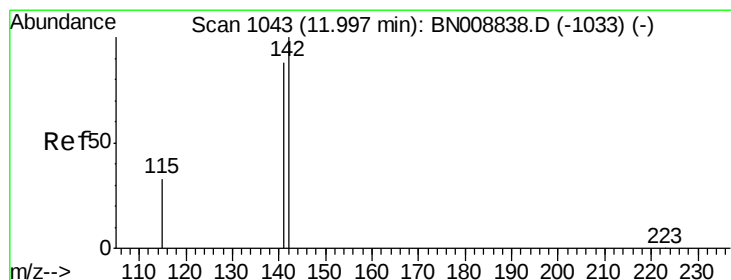
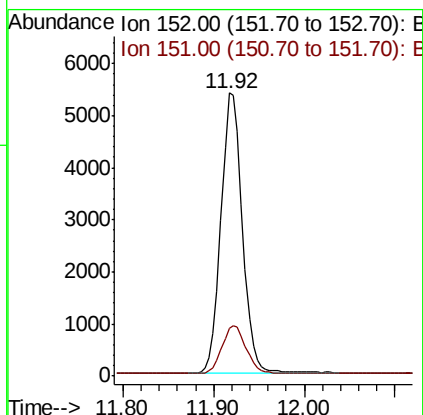
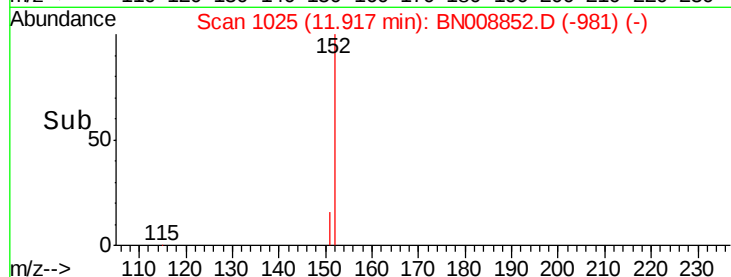
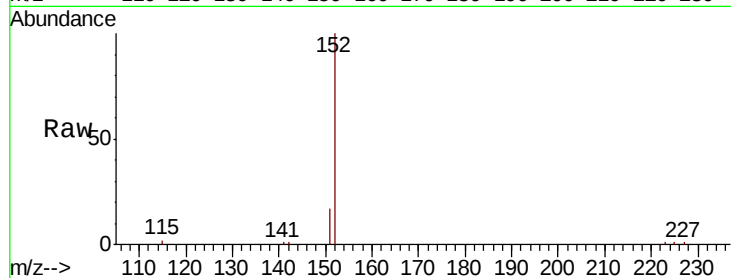




#11
 2-Methylnaphthalene-d10
 Concen: 0.405 ng
 RT: 11.92 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BN008852.D
 Acq: 05 Dec 2019 17:50

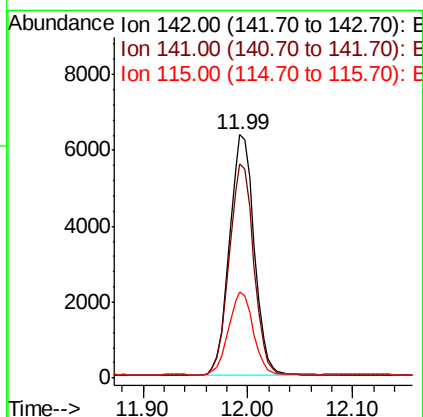
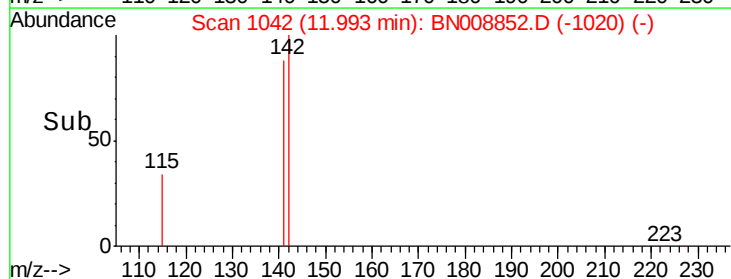
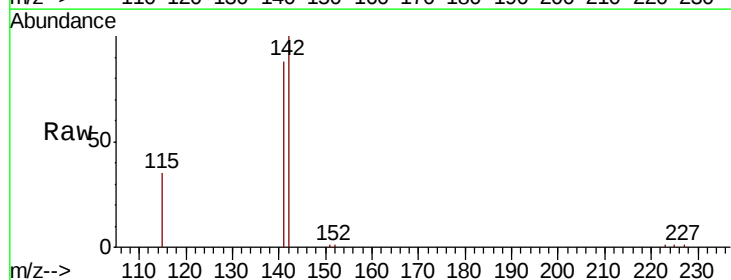
Instrument :
 BNA_N
 ClientSampleId :

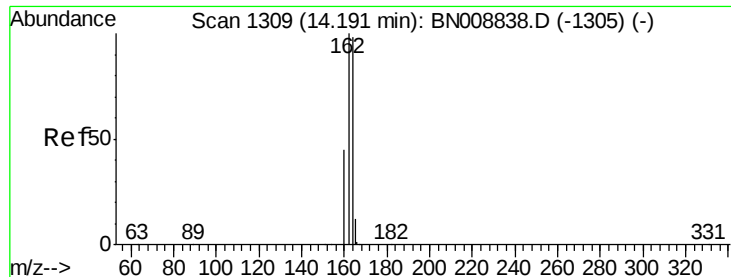
Tot Ion:152 Resp: 8808
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.404 ng
 RT: 11.99 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BN008852.D
 Acq: 05 Dec 2019 17:50

Tgt Ion:142 Resp: 10412
 Ion Ratio Lower Upper
 142 100
 141 87.9 70.2 105.4
 115 35.3 27.6 41.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Instrument :

BNA_N

ClientSampleId :

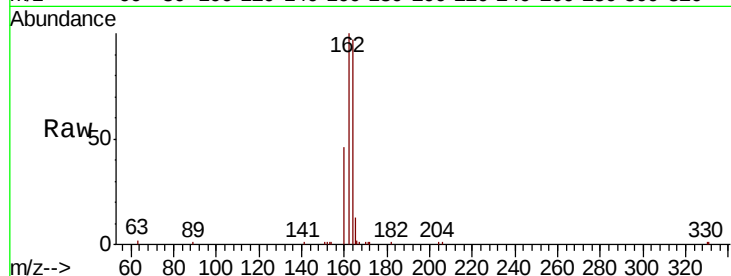
Tot Ion:164 Resp: 9198

Ion Ratio Lower Upper

164 100

162 103.1 81.9 122.9

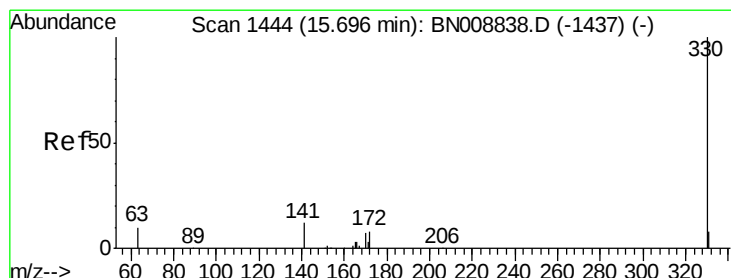
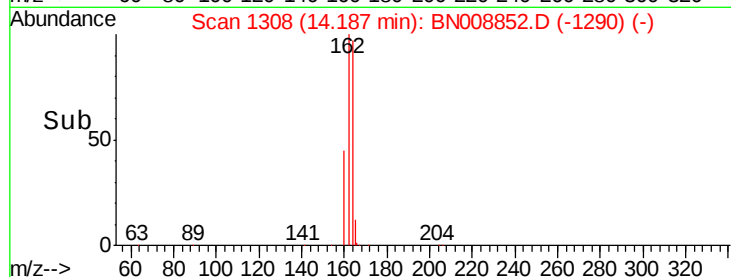
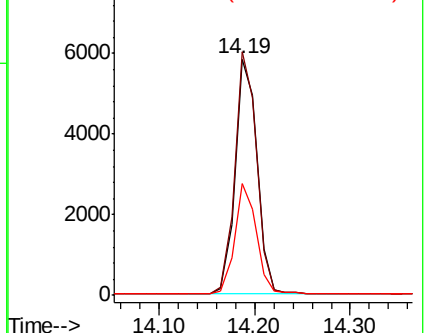
160 47.2 37.4 56.2



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: 0.372 ng

RT: 15.69 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

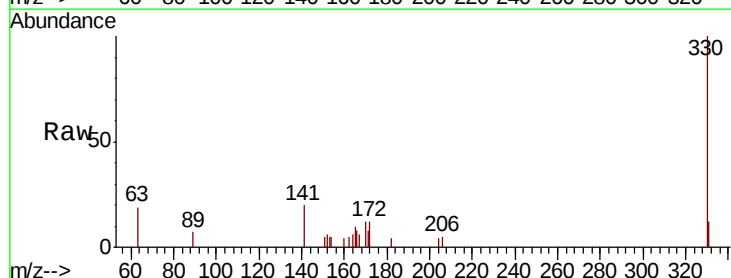
Tgt Ion:330 Resp: 1862

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

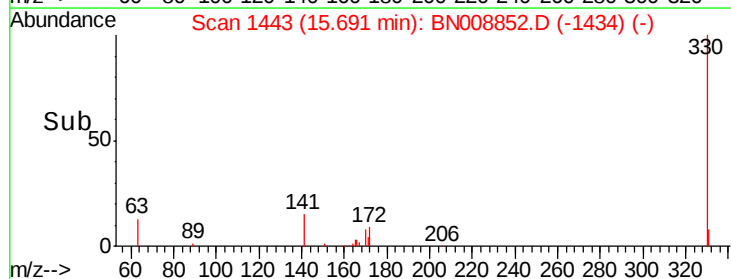
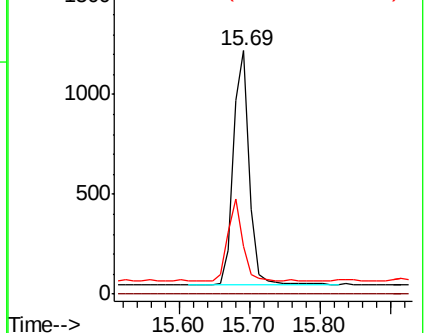
141 33.5 26.2 39.4

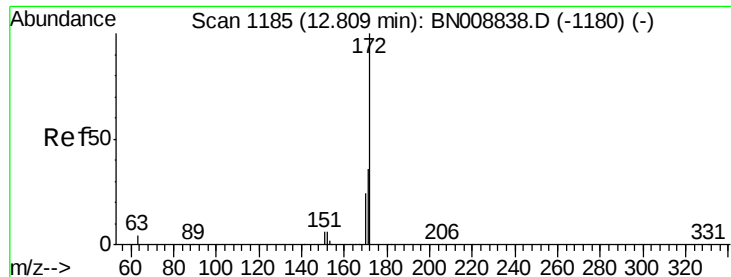


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

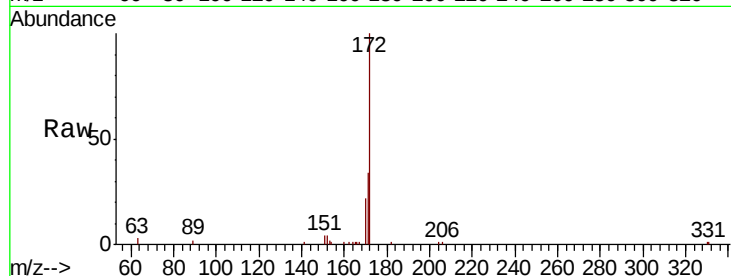




#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.82 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.9	43.3
170	22.0	19.7	29.5

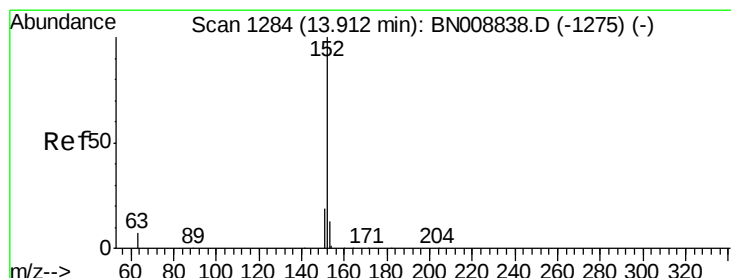
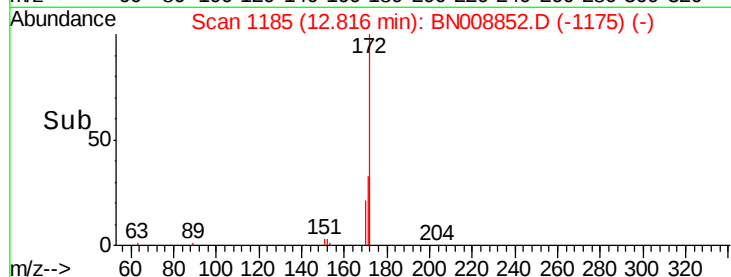
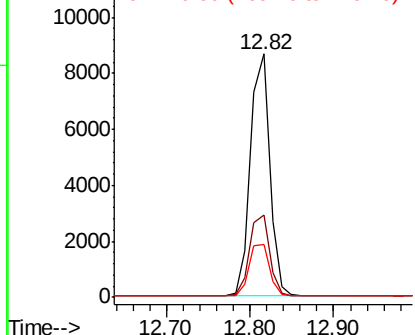


Abundance

Ion 172.00 (171.70 to 172.70): E

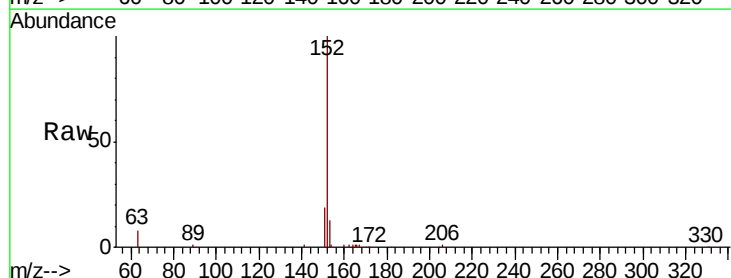
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.382 ng
RT: 13.91 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2
153	13.0	10.4	15.6

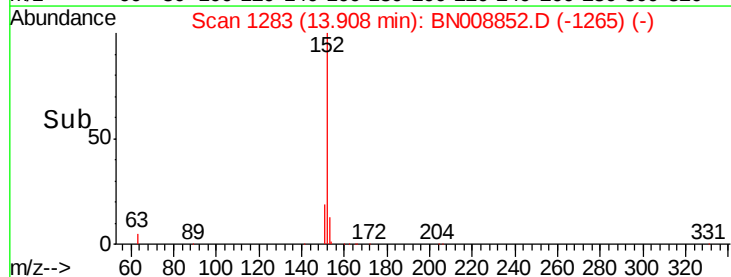
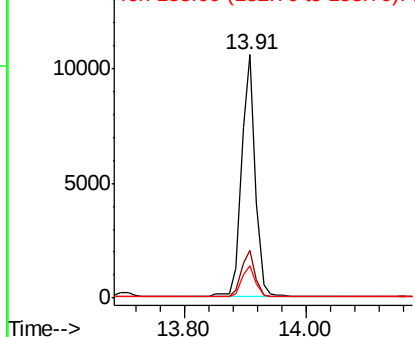


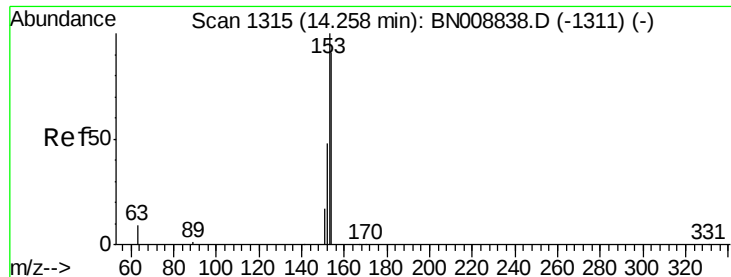
Abundance

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: 0.396 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Instrument :

BNA_N

ClientSampled :

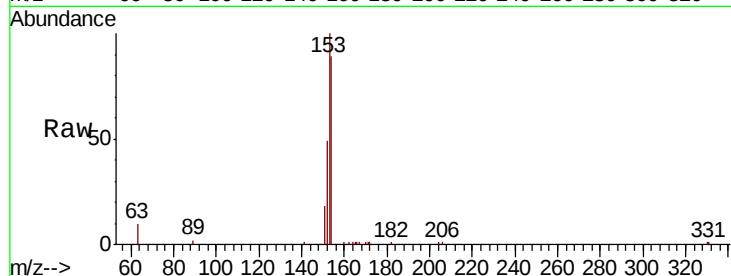
Tot Ion:154 Resp: 10792

Ion Ratio Lower Upper

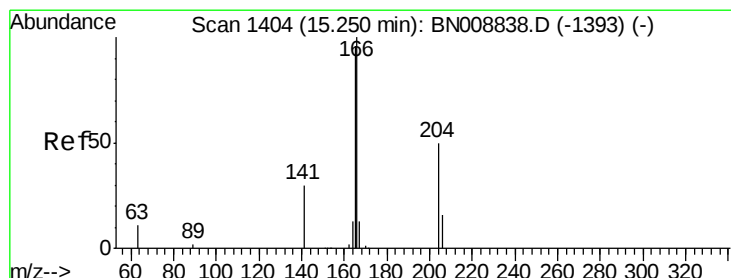
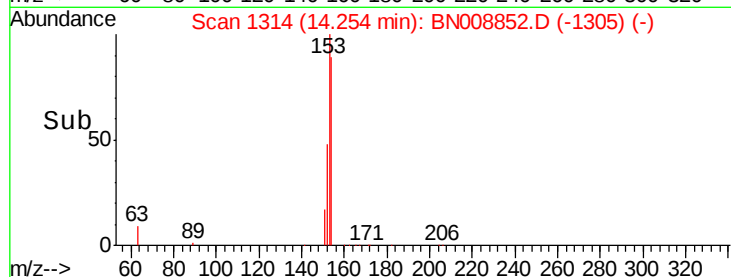
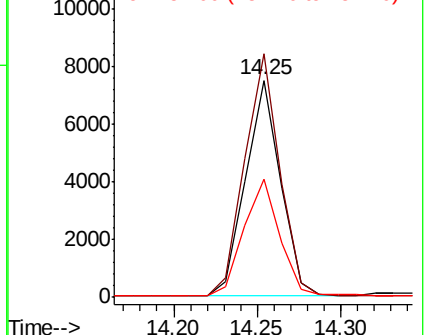
154 100

153 112.9 89.4 134.2

152 55.6 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: 0.402 ng

RT: 15.25 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

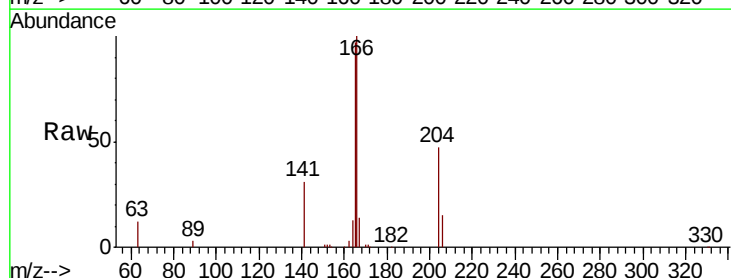
Tgt Ion:166 Resp: 14523

Ion Ratio Lower Upper

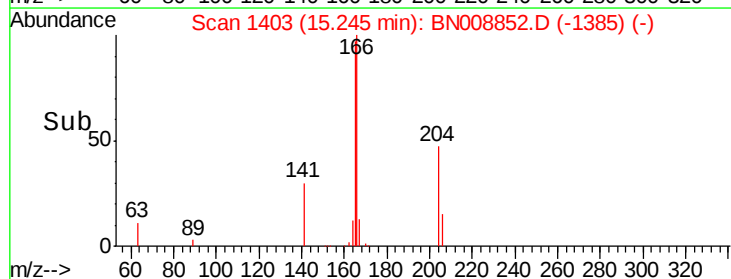
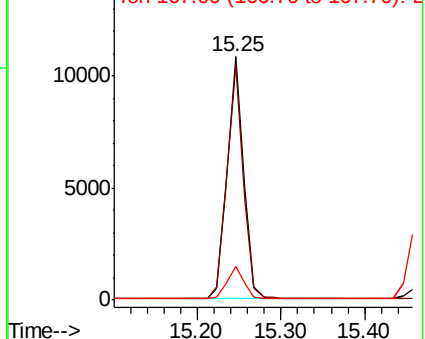
166 100

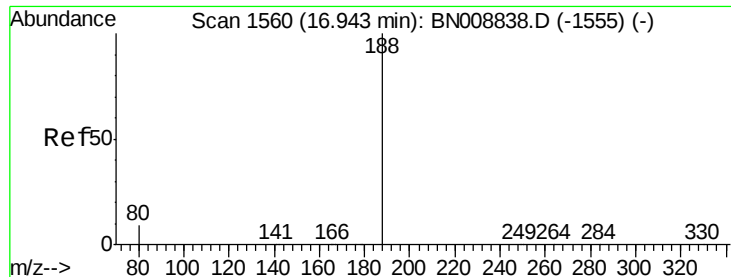
165 96.8 77.0 115.6

167 13.7 10.8 16.2



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: 16.94 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Instrument :

BNA_N

ClientSampleId :

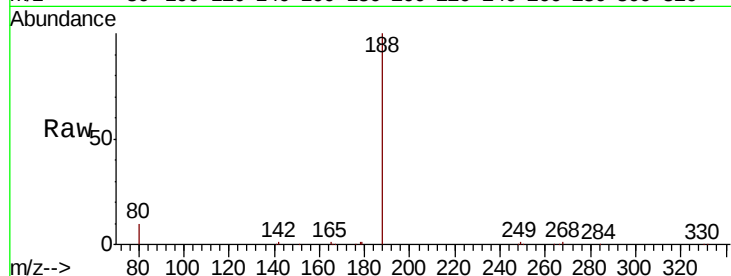
Tot Ion:188 Resp: 20747

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

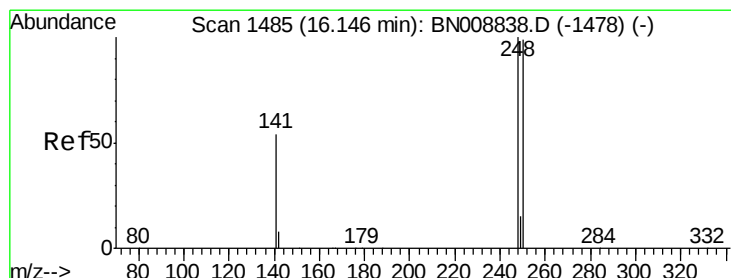
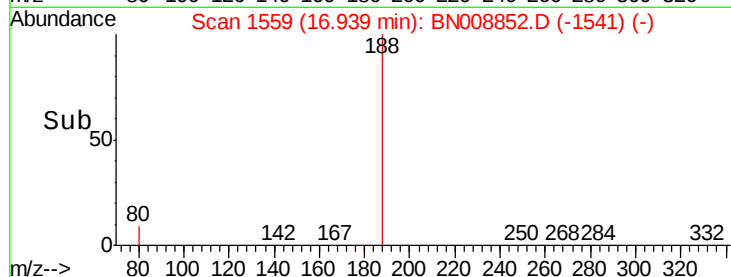
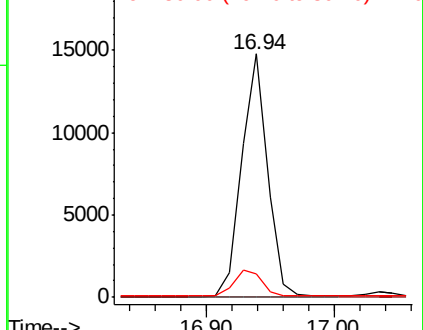
80 9.6 7.4 11.2



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: 0.397 ng

RT: 16.14 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

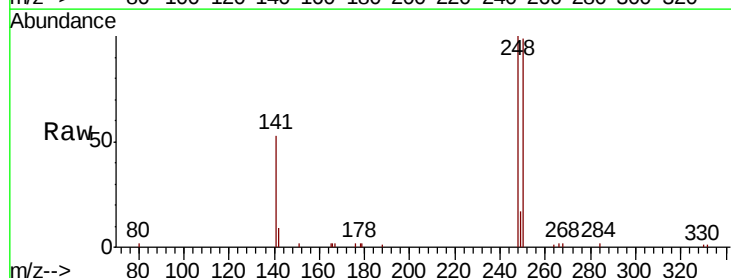
Tgt Ion:248 Resp: 4823

Ion Ratio Lower Upper

248 100

250 99.0 79.7 119.5

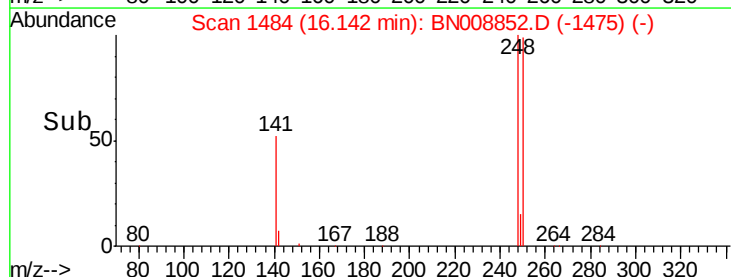
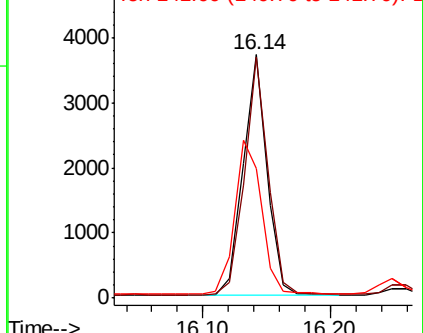
141 53.4 44.7 67.1

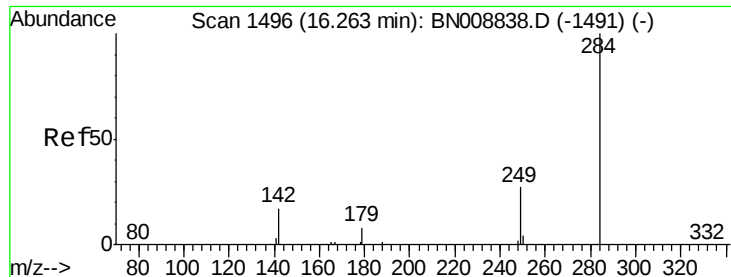


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.402 ng

RT: 16.26 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Instrument :

BNA_N

ClientSampleId :

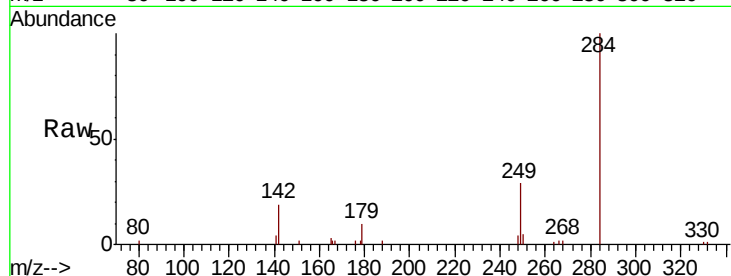
Tot Ion:284 Resp: 5628

Ion Ratio Lower Upper

284 100

142 32.8 25.4 38.0

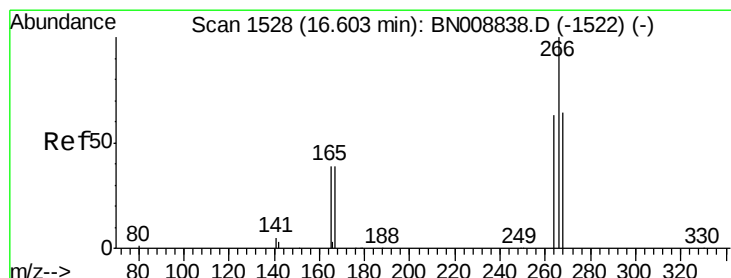
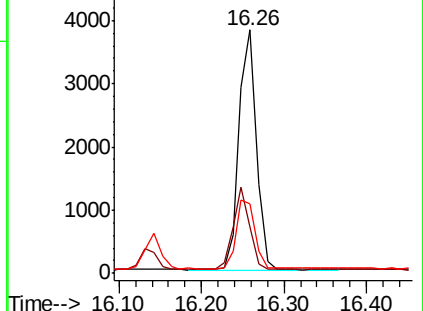
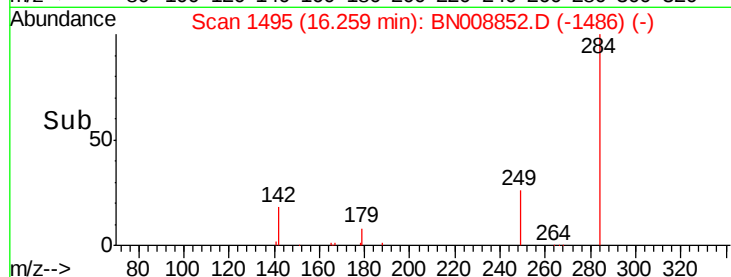
249 30.7 24.3 36.5



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: 0.333 ng

RT: 16.60 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

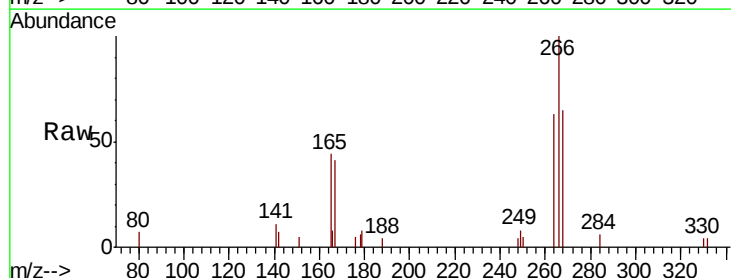
Tgt Ion:266 Resp: 1871

Ion Ratio Lower Upper

266 100

264 63.1 51.0 76.4

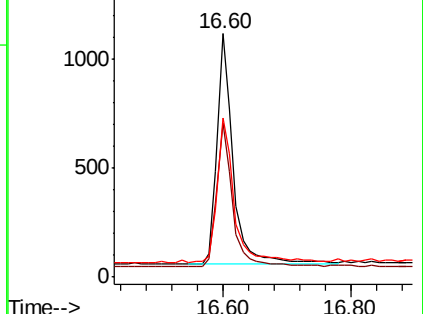
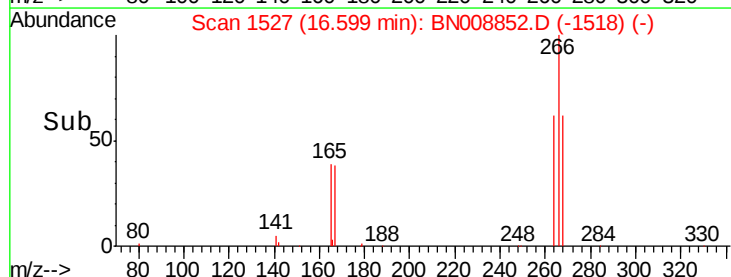
268 65.1 53.7 80.5

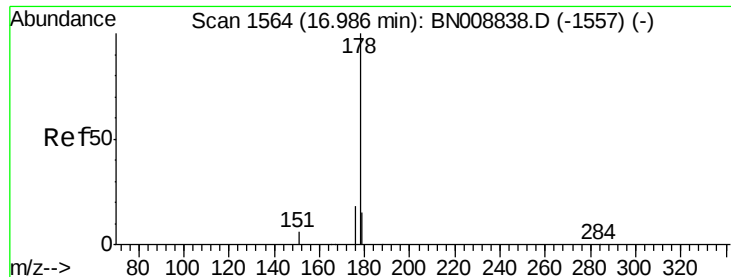


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.398 ng

RT: 16.98 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Instrument :

BNA_N

ClientSampleId :

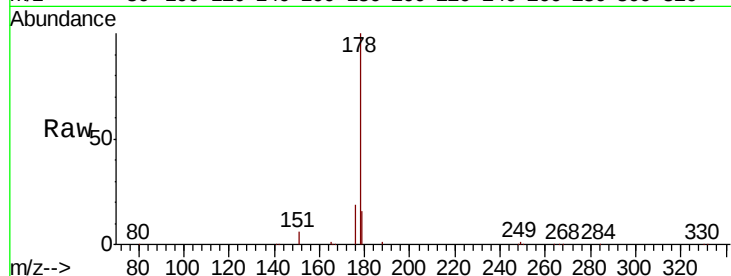
Tot Ion:178 Resp: 25192

Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

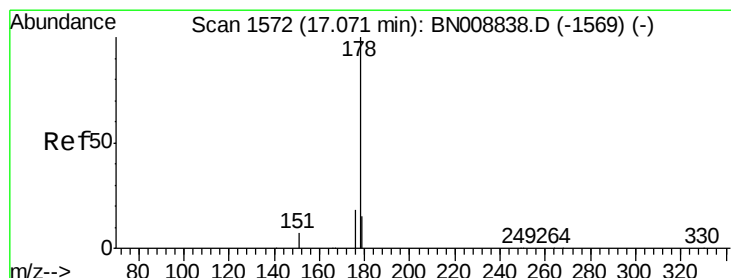
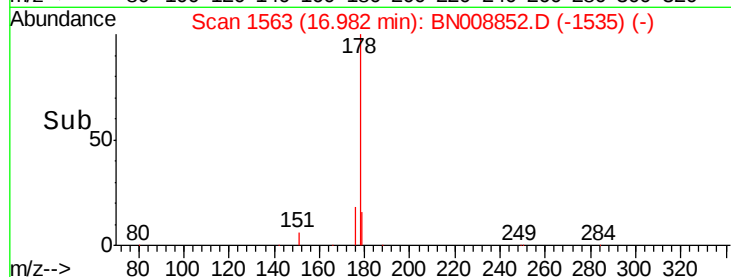
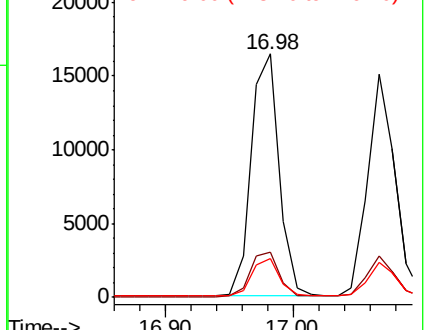
179 15.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.386 ng

RT: 17.07 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

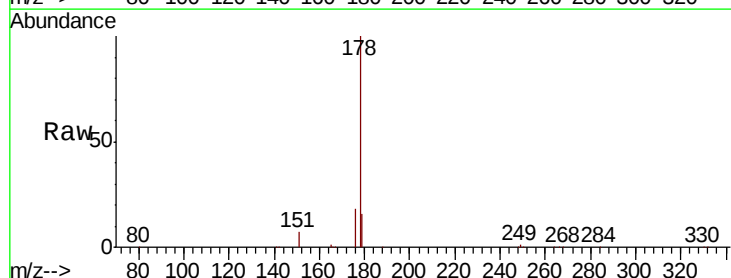
Tgt Ion:178 Resp: 22445

Ion Ratio Lower Upper

178 100

176 18.0 14.3 21.5

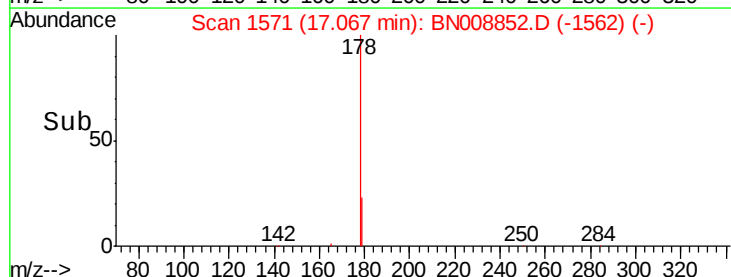
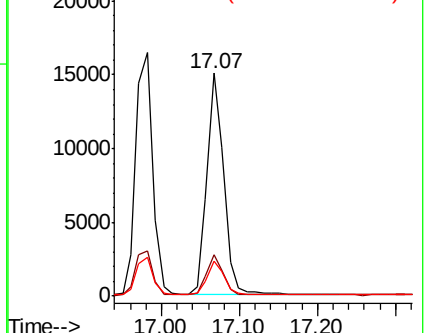
179 15.1 12.2 18.2

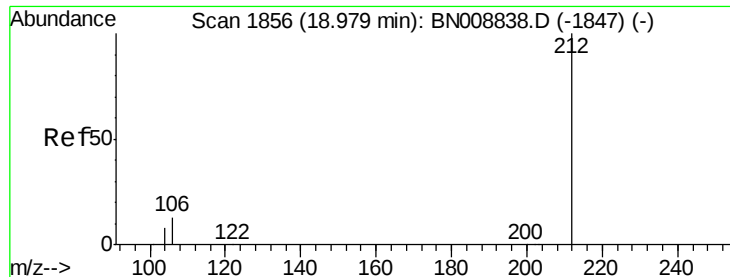


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 18.98 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Instrument :

BNA_N

ClientSampleId :

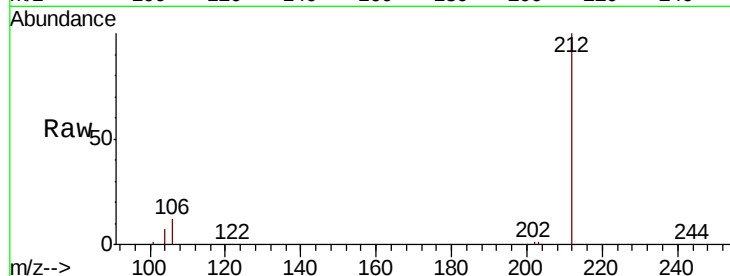
Tot Ion:212 Resp: 24764

Ion Ratio Lower Upper

212 100

106 13.4 10.7 16.1

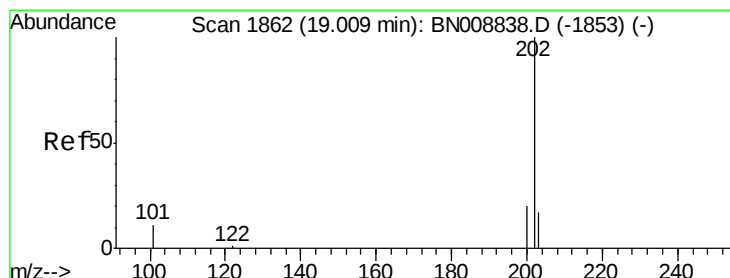
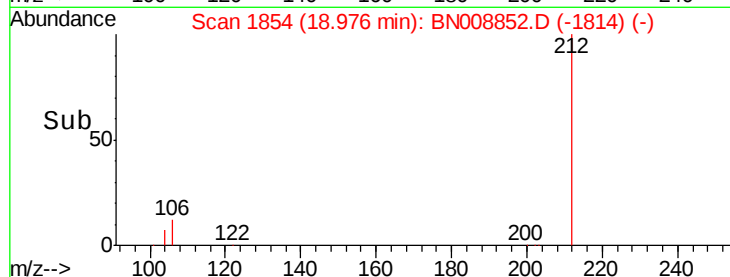
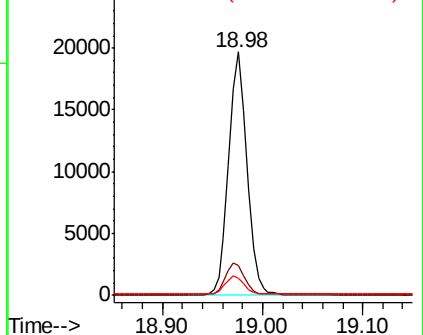
104 7.5 6.1 9.1



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: 0.398 ng

RT: 19.01 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

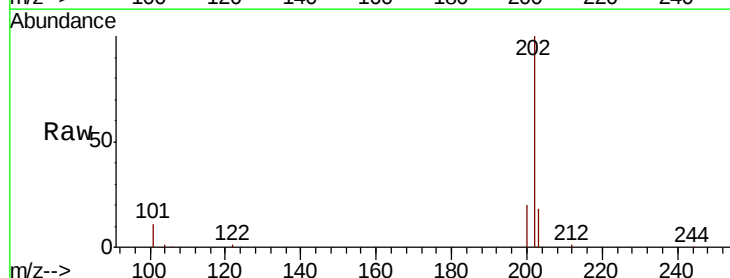
Tgt Ion:202 Resp: 30352

Ion Ratio Lower Upper

202 100

101 11.3 9.3 13.9

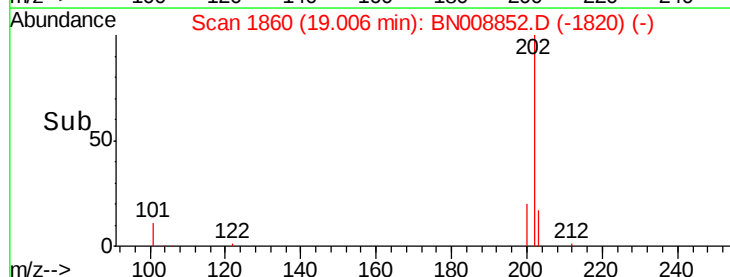
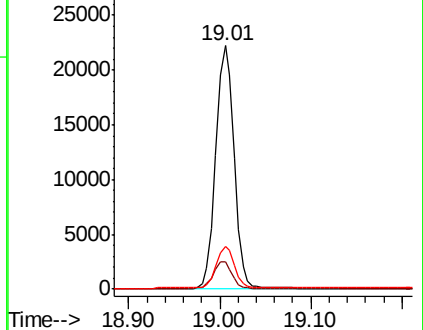
203 17.0 13.7 20.5

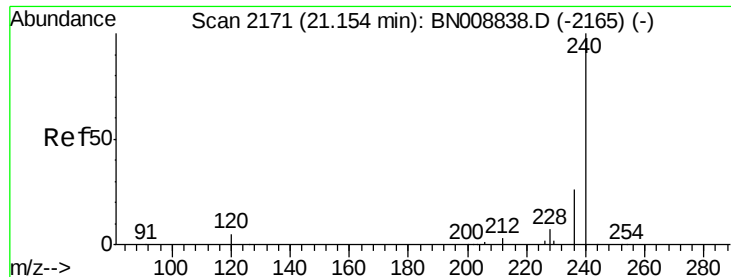


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

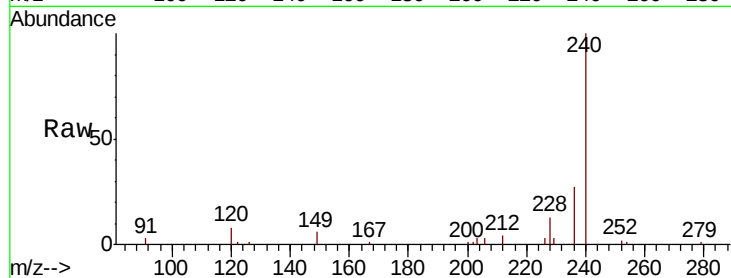




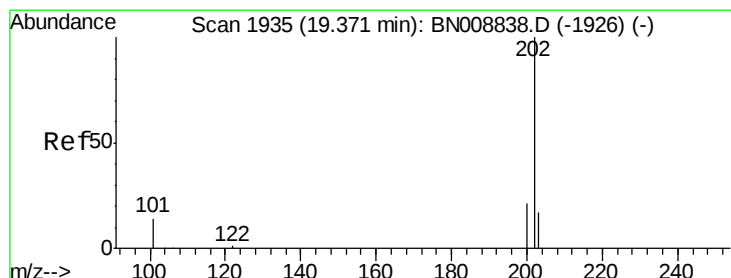
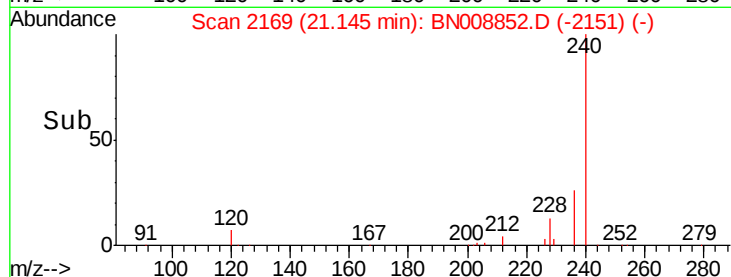
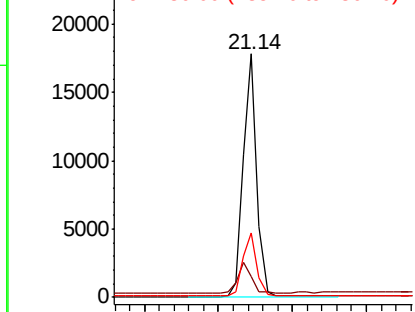
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.14 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 22325
Ion Ratio Lower Upper
240 100
120 8.4 6.0 9.0
236 26.7 21.4 32.0

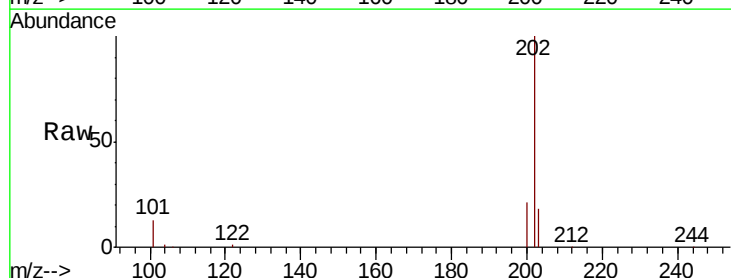


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

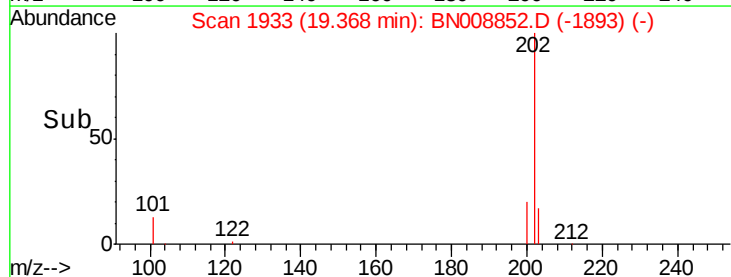
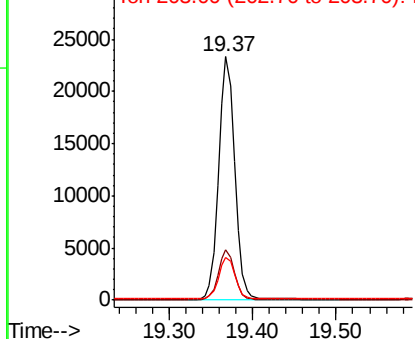


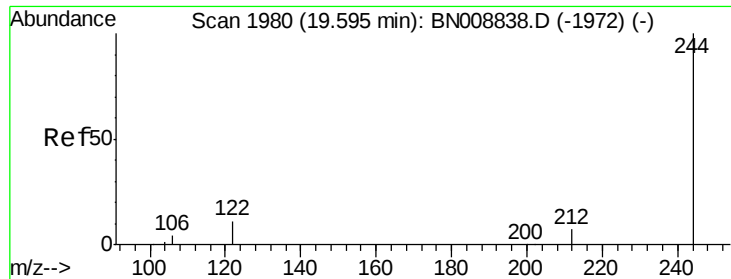
#28
Pyrene
Concen: 0.398 ng
RT: 19.37 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:202 Resp: 31012
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.7 14.2 21.2



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: 0.397 ng

RT: 19.59 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Instrument :

BNA_N

ClientSampleId :

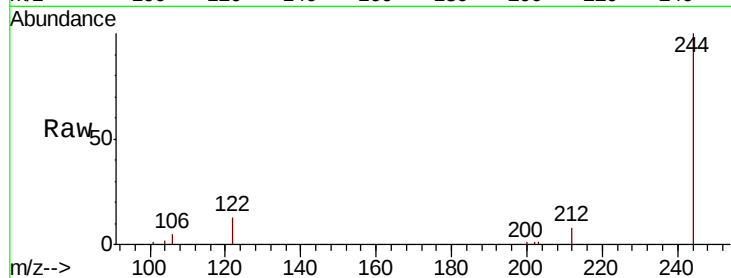
Tot Ion:244 Resp: 20429

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

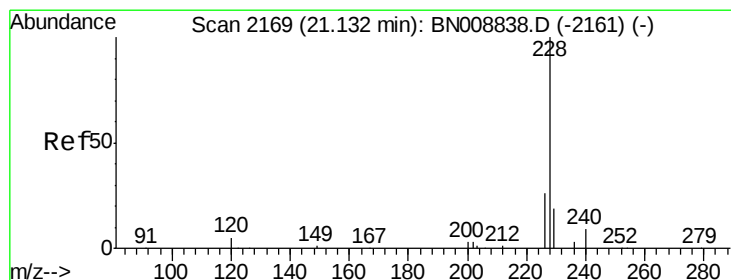
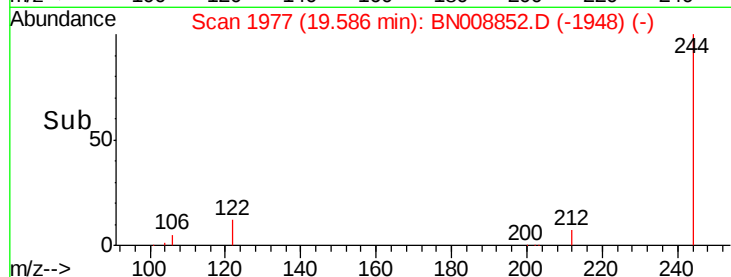
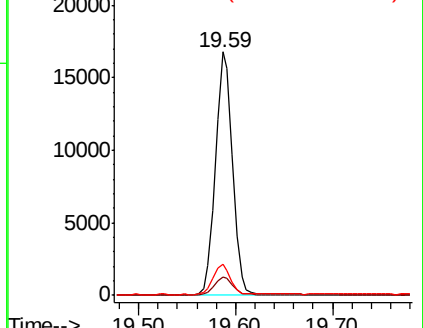
122 12.9 8.9 13.3



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: 0.396 ng

RT: 21.12 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

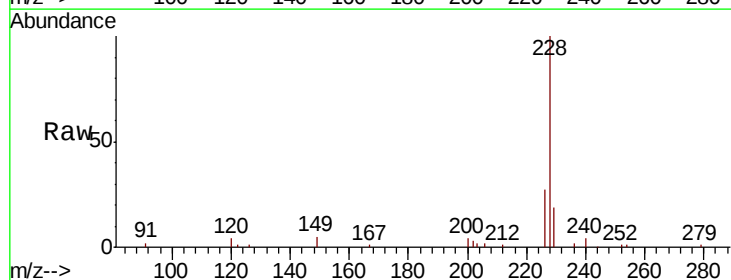
Tgt Ion:228 Resp: 31958

Ion Ratio Lower Upper

228 100

226 26.7 20.8 31.2

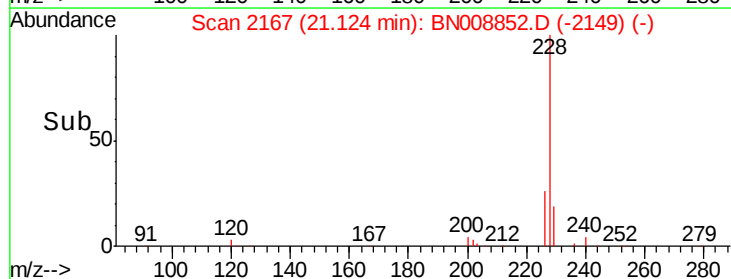
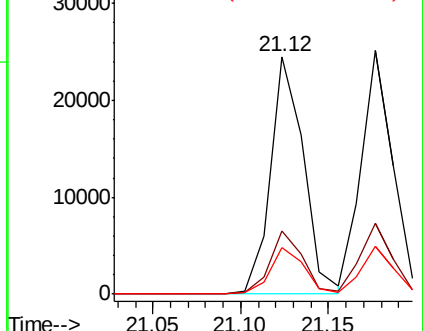
229 19.5 15.9 23.9

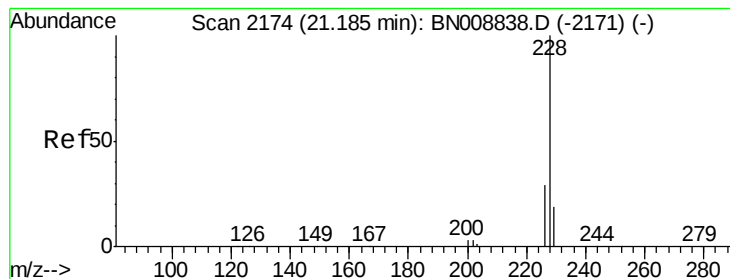


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.401 ng

RT: 21.18 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

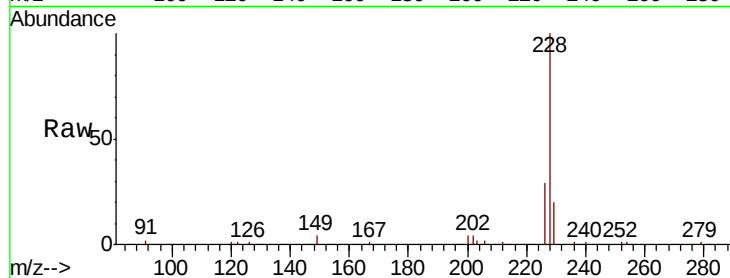
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 31427

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	19.8	15.8	23.8

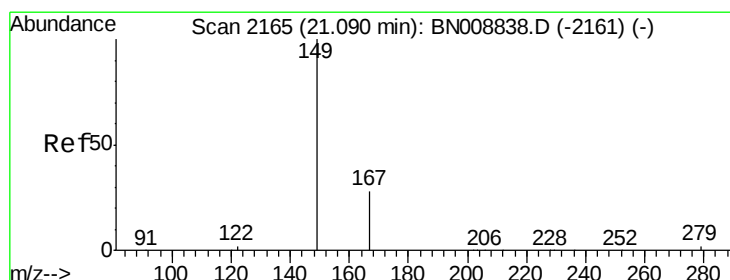
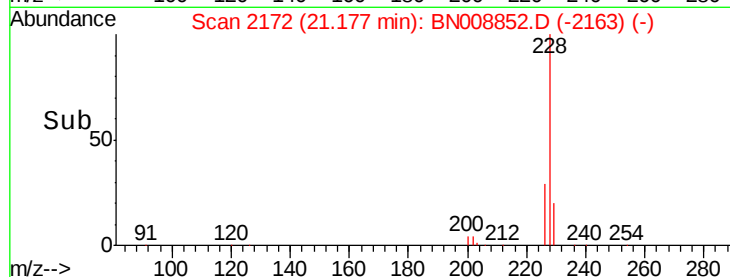
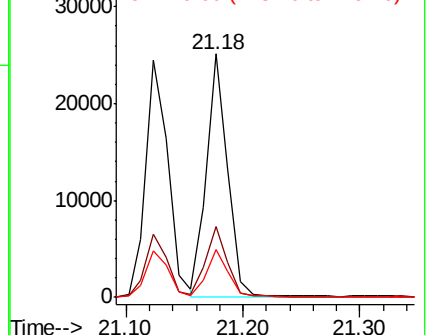


Abundance

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: 0.322 ng

RT: 21.08 min Scan# 2163

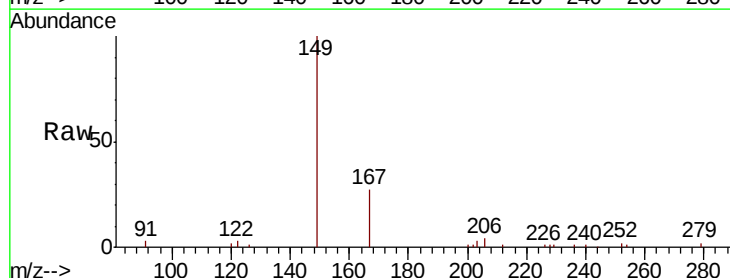
Delta R.T. -0.01 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Tgt Ion:149 Resp: 17315

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.1	34.7
279	4.1	3.4	5.2

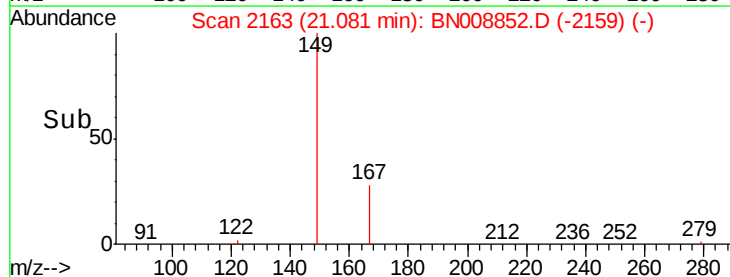
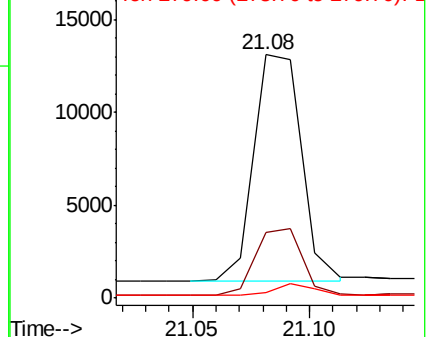


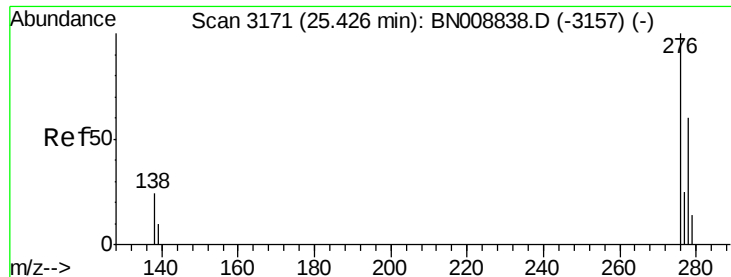
Abundance

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

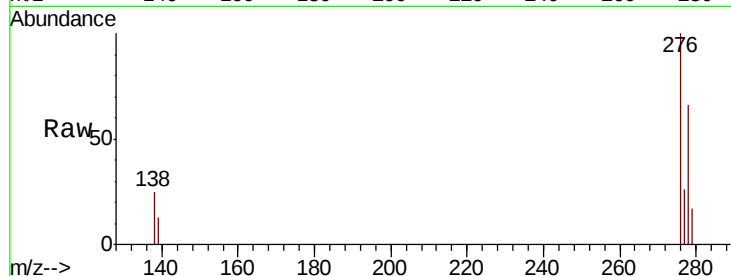




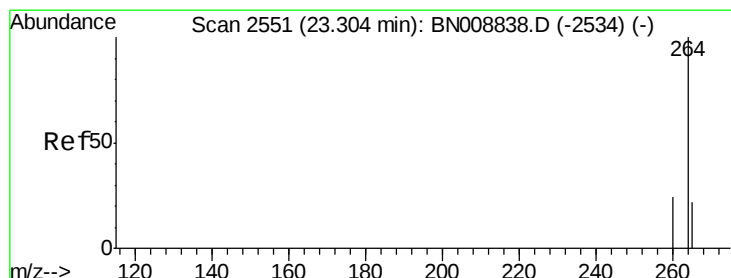
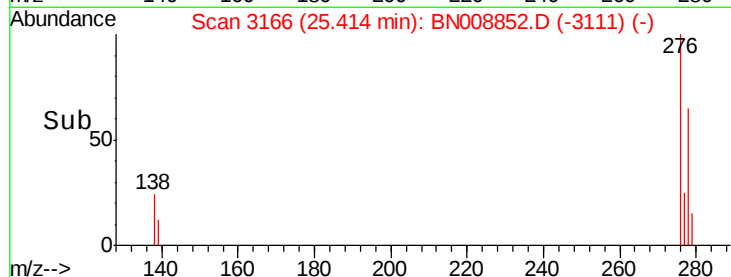
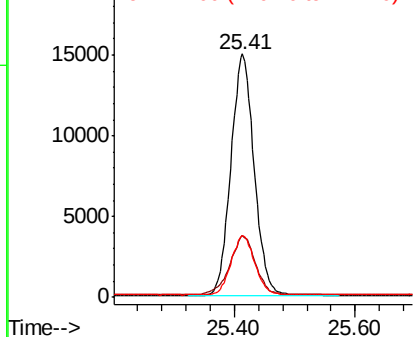
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng
RT: 25.41 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 40281
Ion Ratio Lower Upper
276 100
138 26.6 20.2 30.2
277 25.0 19.8 29.6

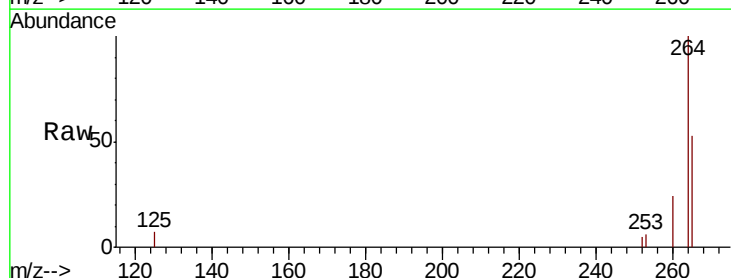


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

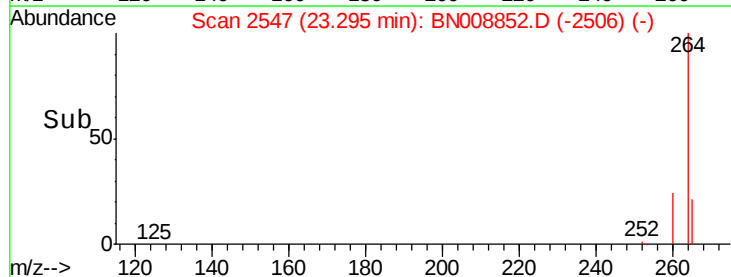
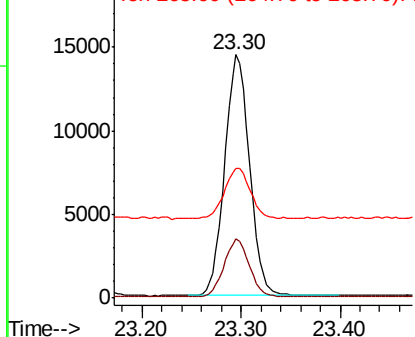


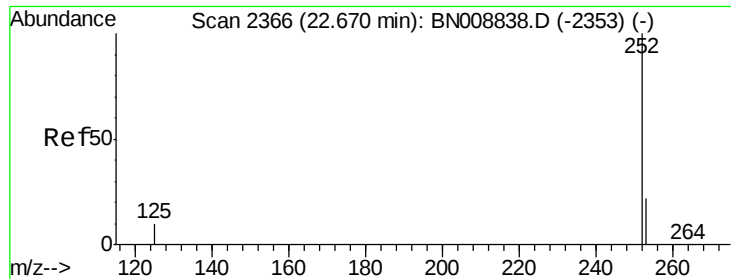
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.30 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:264 Resp: 24994
Ion Ratio Lower Upper
264 100
260 24.1 19.9 29.9
265 53.4 46.8 70.2



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

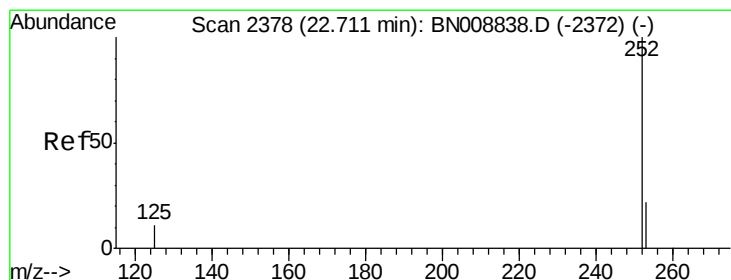
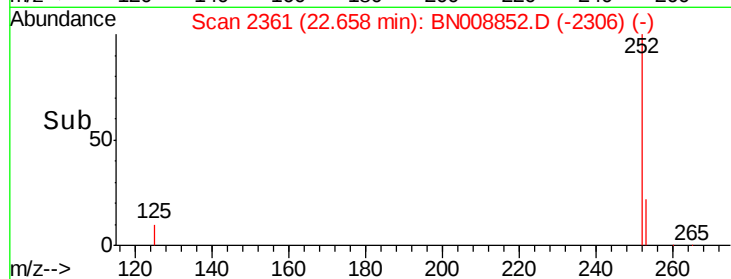
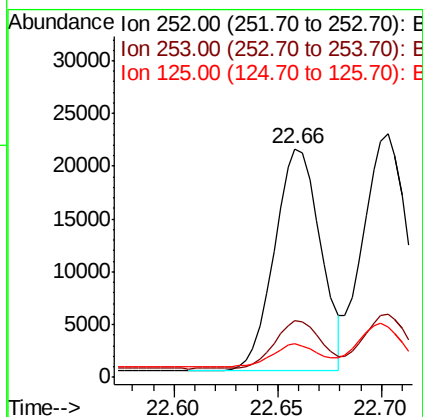
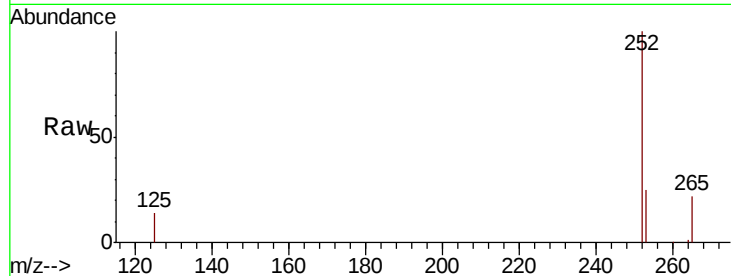




#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.66 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

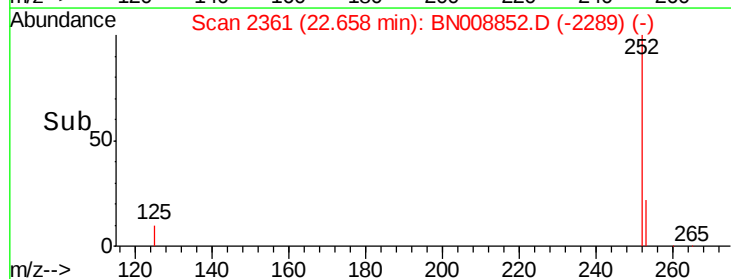
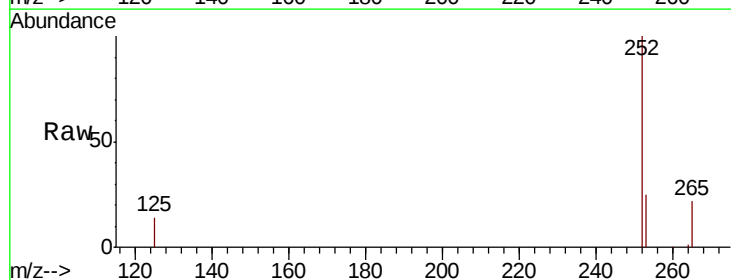
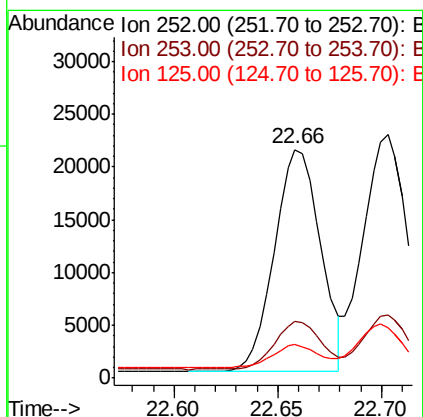
Instrument :
BNA_N
ClientSampleId :

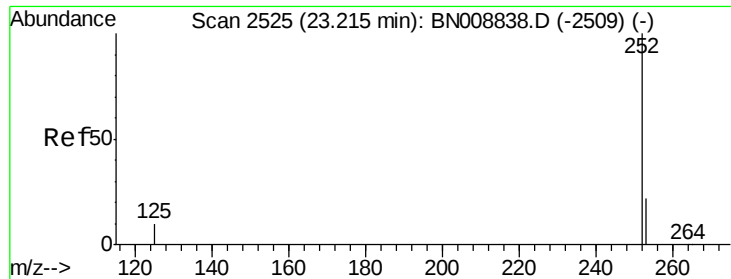
Tot Ion:252 Resp: 32340
Ion Ratio Lower Upper
252 100
253 24.8 20.6 31.0
125 14.5 12.3 18.5



#36
Benzo(k)fluoranthene
Concen: 0.397 ng
RT: 22.66 min Scan# 2361
Delta R.T. -0.05 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:252 Resp: 32340
Ion Ratio Lower Upper
252 100
253 24.8 21.0 31.4
125 14.5 13.5 20.3





#37

Benzo(a)pyrene

Concen: 0.396 ng

RT: 23.20 min Scan# 2519

Delta R.T. -0.02 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Instrument :

BNA_N

ClientSampleId :

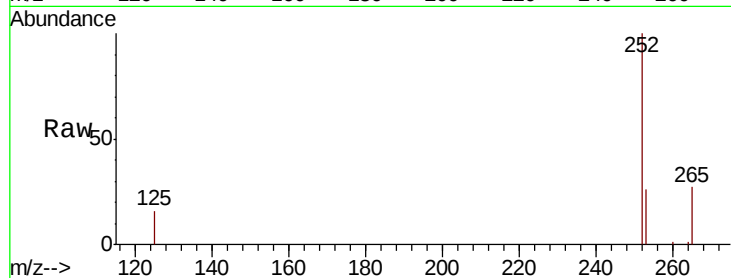
Tot Ion:252 Resp: 31038

Ion Ratio Lower Upper

252 100

253 25.5 21.4 32.2

125 16.2 13.7 20.5

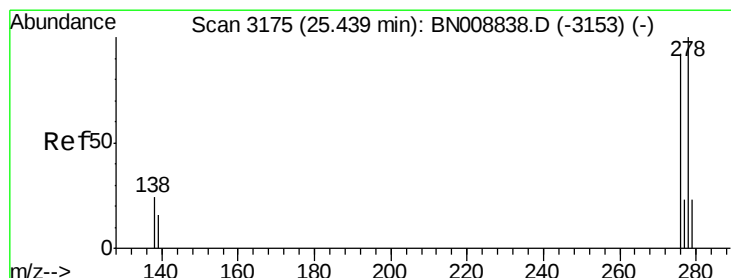
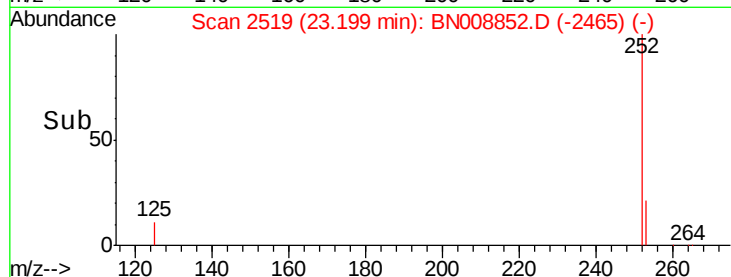
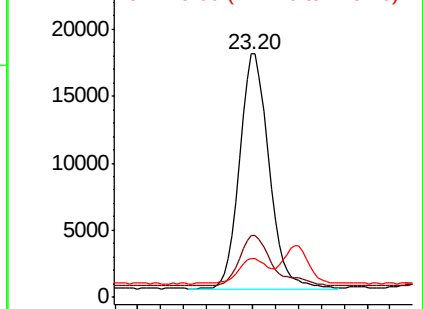


Abundance

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: 0.407 ng

RT: 25.43 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

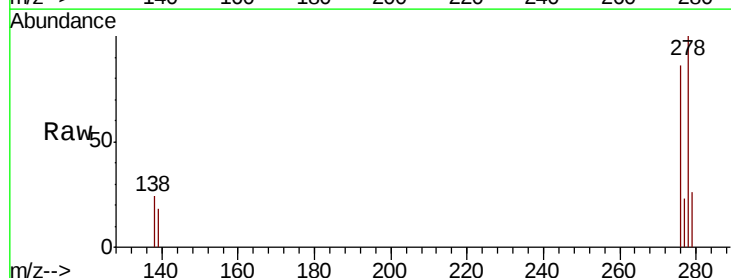
Tgt Ion:278 Resp: 32549

Ion Ratio Lower Upper

278 100

139 17.8 15.3 22.9

279 25.9 21.2 31.8

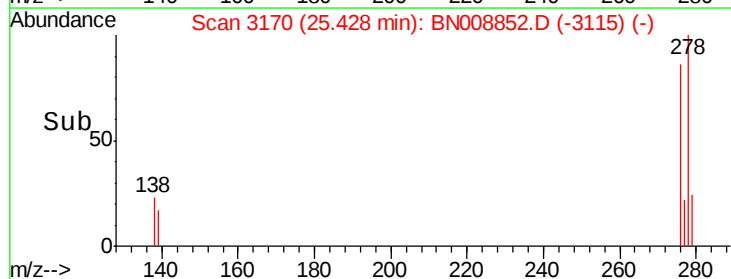
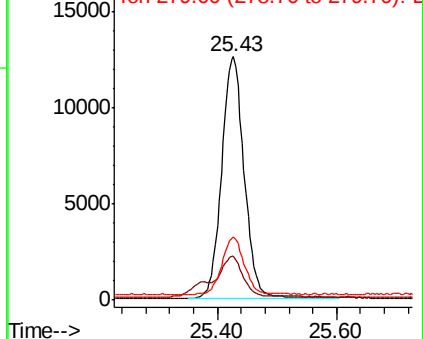


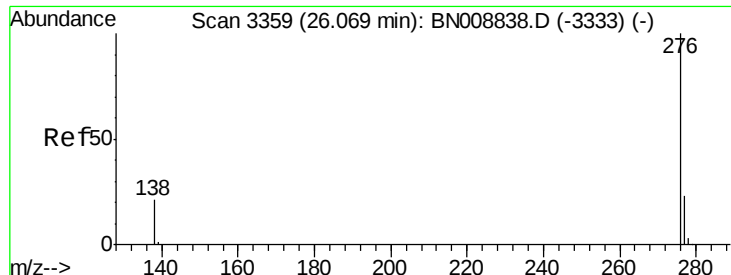
Abundance

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: 0.405 ng

RT: 26.05 min Scan# 3352

Delta R.T. -0.02 min

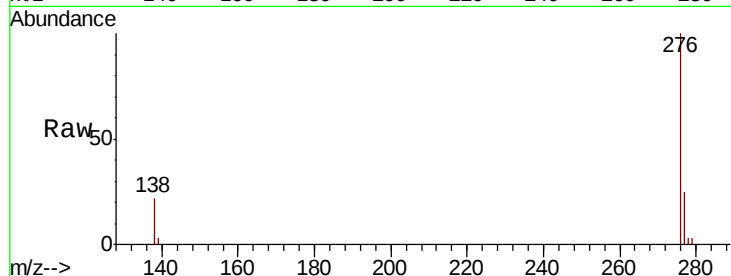
Lab File: BN008852.D

Acq: 05 Dec 2019 17:50

Instrument :

BNA_N

ClientSampleId :



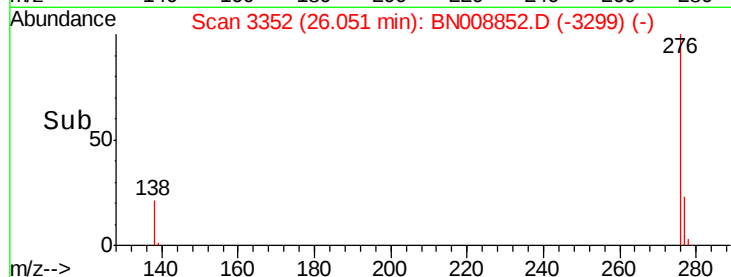
Tot Ion: 276 Resp: 32826

Ion Ratio Lower Upper

276 100

277 24.6 20.1 30.1

138 22.5 18.6 27.8



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

