

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122018\
 Data File : BN004152.D
 Acq On : 20 Dec 2018 16:13
 Operator : JU/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 16:46:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN122018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 20 16:25:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1804	0.40	ng	0.00
7) Naphthalene-d8	10.62	136	9630	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	6172	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	15355	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	16682	0.40	ng	-0.01
34) Perylene-d12	23.72	264	15225	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	7938	1.78	ng	0.00
5) Phenol-d6	6.99	99	11194	1.98	ng	0.00
8) Nitrobenzene-d5	9.00	82	9969	2.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	25603	1.63	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	5763	2.35	ng	-0.01
15) 2-Fluorobiphenyl	13.08	172	36165	1.36	ng	0.00
25) Fluoranthene-d10	19.24	212	72721	1.63	ng	0.00
29) Terphenyl-d14	19.83	244	64172	1.65	ng	0.00

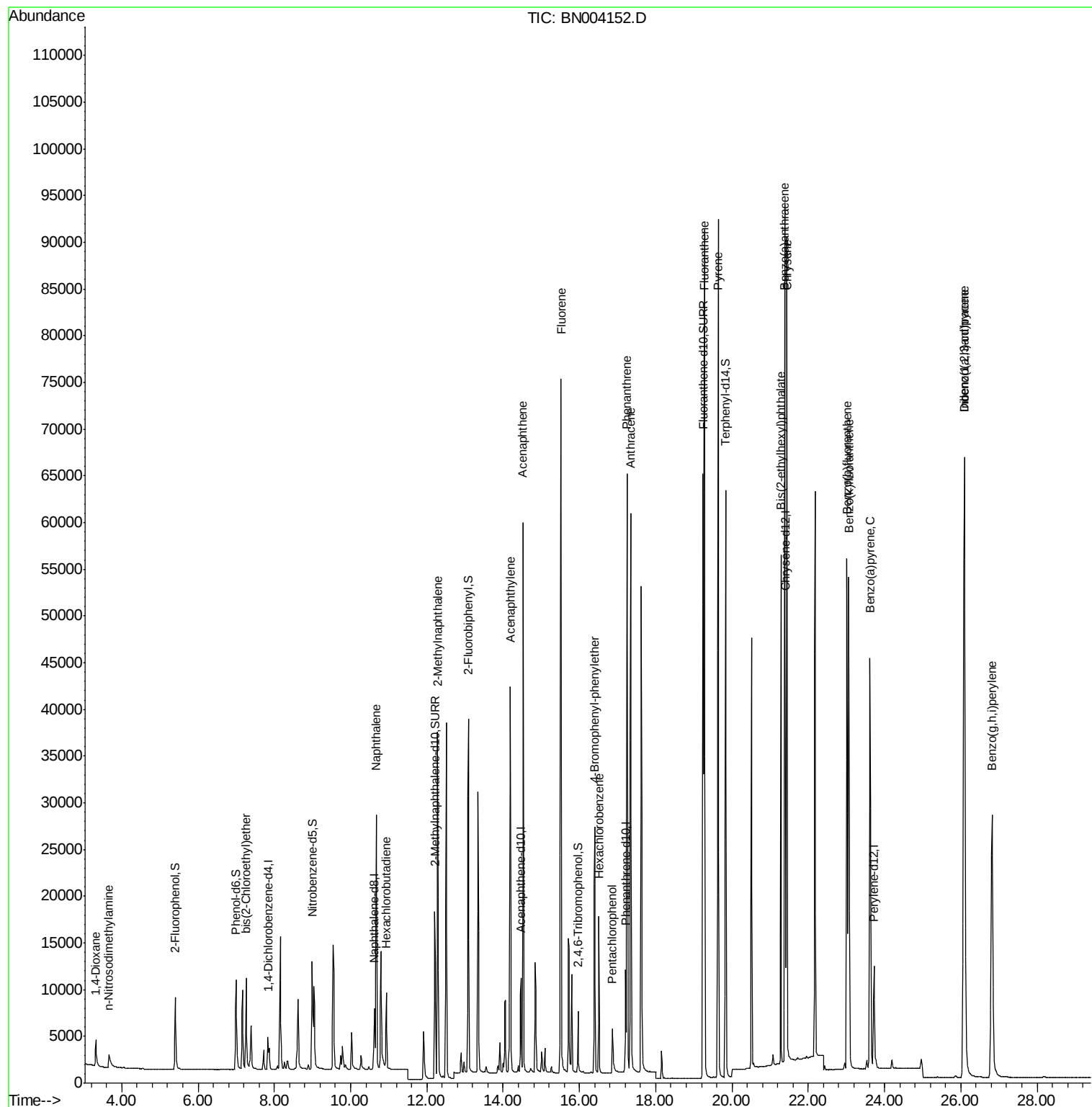
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	2480	1.061	ng	97
3) n-Nitrosodimethylamine	3.67	42	1600	1.488	ng	83
6) bis(2-Chloroethyl)ether	7.26	93	8614	1.711	ng	100
9) Naphthalene	10.67	128	37297	1.583	ng	99
10) Hexachlorobutadiene	10.93	225	6360	1.478	ng	# 100
12) 2-Methylnaphthalene	12.28	142	27626	1.678	ng	99
16) Acenaphthylene	14.19	152	47230	1.717	ng	100
17) Acenaphthene	14.52	154	29862	1.566	ng	98
18) Fluorene	15.51	166	38561	1.616	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	13712	1.542	ng	# 93
21) Hexachlorobenzene	16.52	284	14968	1.596	ng	95
22) Pentachlorophenol	16.87	266	3209	1.263	ng	100
23) Phenanthrene	17.25	178	66427	1.577	ng	100
24) Anthracene	17.34	178	62891	1.741	ng	100
26) Fluoranthene	19.27	202	80153	1.657	ng	98
28) Pyrene	19.64	202	81086	1.758	ng	100
30) Benzo(a)anthracene	21.39	228	72589	1.660	ng	100
31) Chrysene	21.44	228	74345	1.577	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	42781	3.307	ng	100
33) Indeno(1,2,3-cd)pyrene	26.08	276	77838	1.595	ng	100
35) Benzo(b)fluoranthene	23.02	252	69752	1.468	ng	# 93
36) Benzo(k)fluoranthene	23.07	252	71842	1.527	ng	99
37) Benzo(a)pyrene	23.62	252	65195	1.508	ng	# 90
38) Dibenzo(a,h)anthracene	26.09	278	65286	1.621	ng	99
39) Benzo(g,h,i)perylene	26.82	276	63802	1.584	ng	99

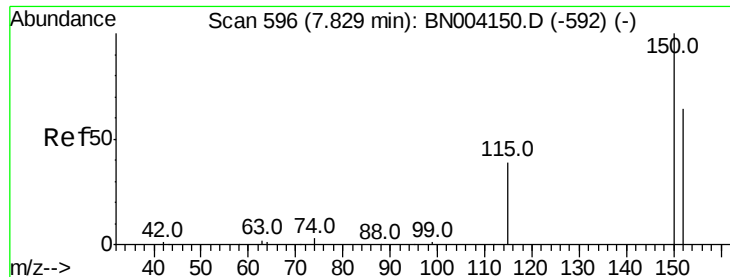
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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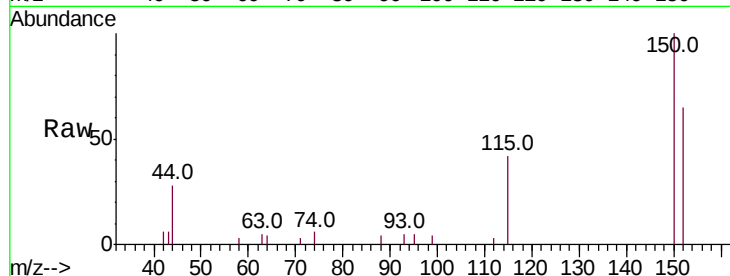


#1

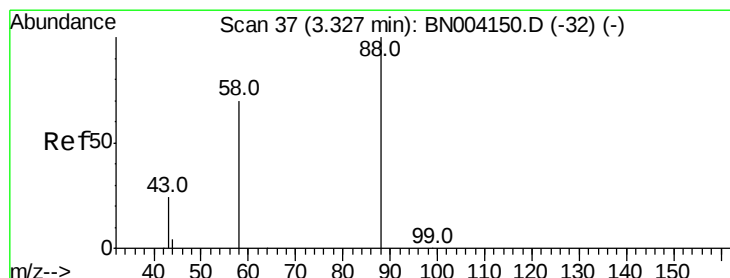
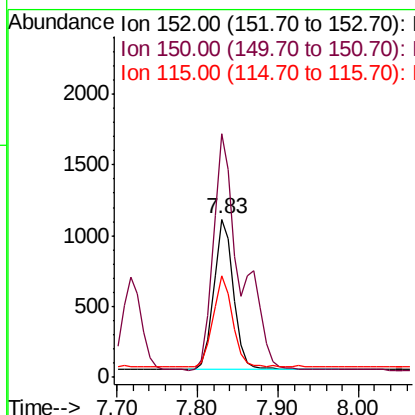
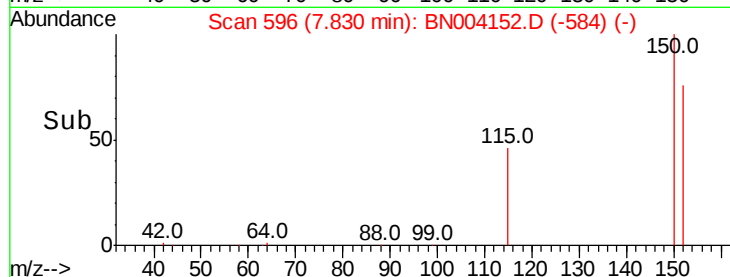
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 596
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1804
Ion Ratio Lower Upper
152 100
150 153.8 124.6 187.0
115 64.1 46.4 69.6



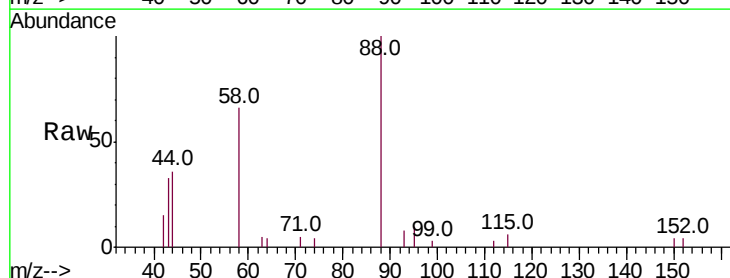
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



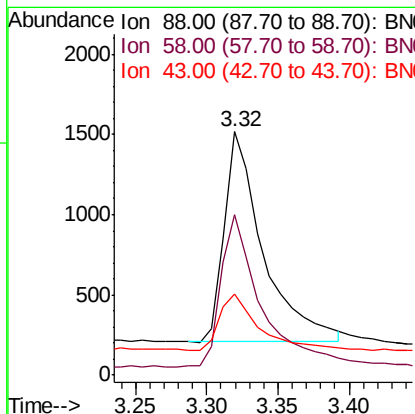
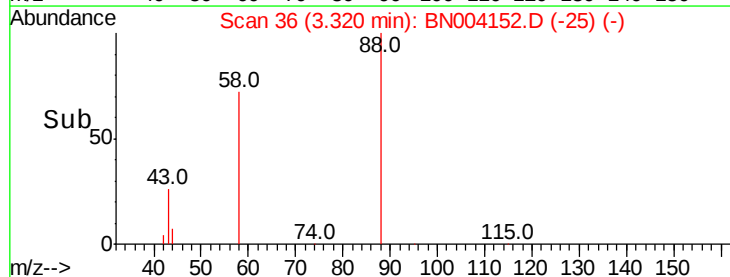
#2

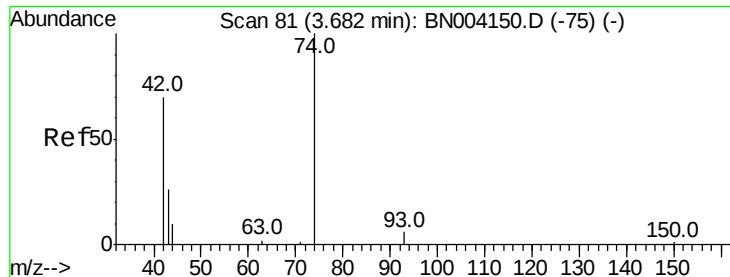
1,4-Dioxane
Concen: 1.061 ng
RT: 3.32 min Scan# 36
Delta R.T. -0.01 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion: 88 Resp: 2480
Ion Ratio Lower Upper
88 100
58 74.0 60.9 91.3
43 27.1 23.9 35.9



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: 1.488 ng

RT: 3.67 min Scan# 79

Delta R.T. -0.02 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Instrument :

BNA_N

ClientSampleId :

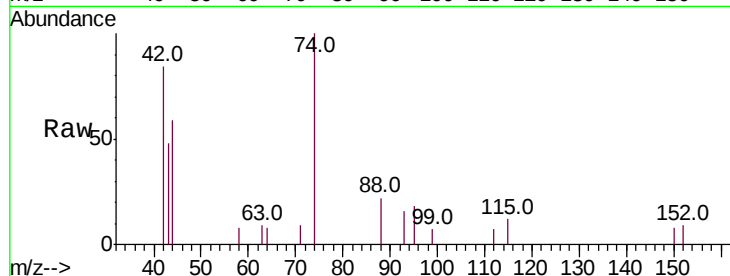
Tot Ion: 42 Resp: 1600

Ion Ratio Lower Upper

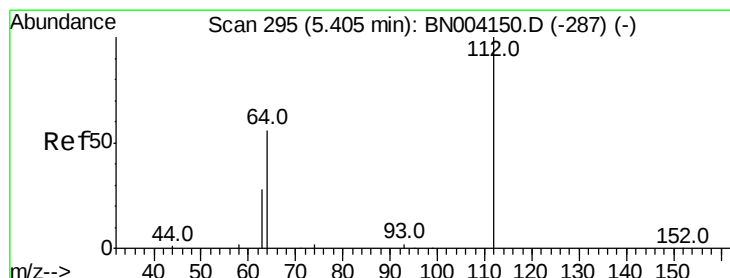
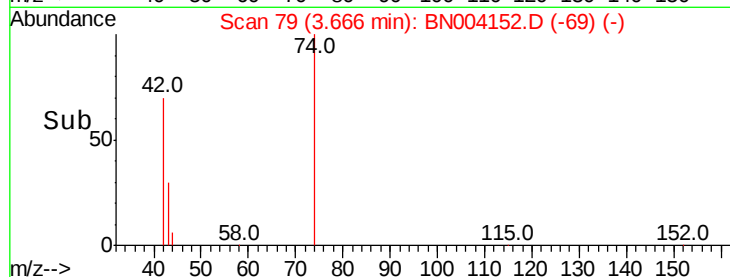
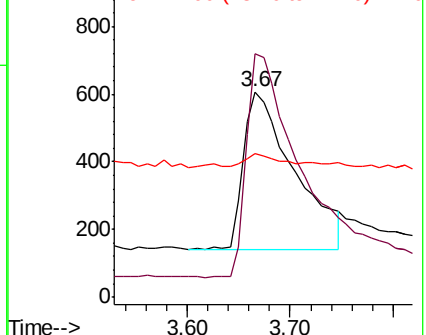
42 100

74 144.3 99.1 148.7

44 5.9 4.2 6.4



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 1.777 ng

RT: 5.41 min Scan# 295

Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

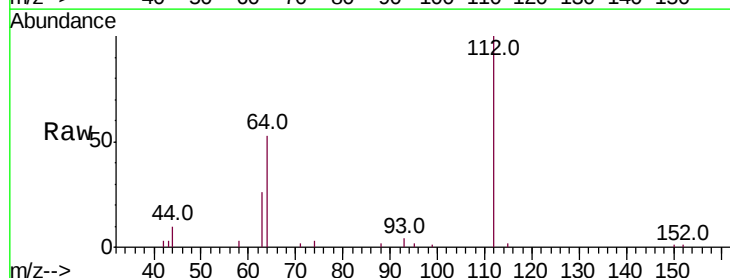
Tgt Ion: 112 Resp: 7938

Ion Ratio Lower Upper

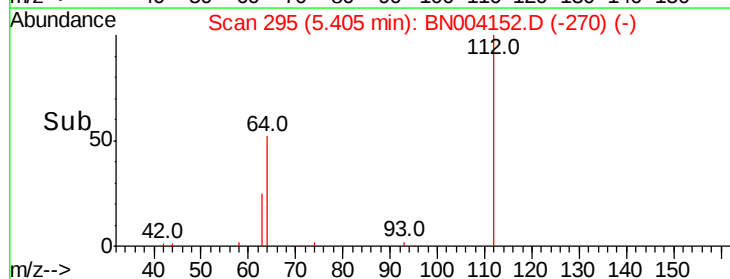
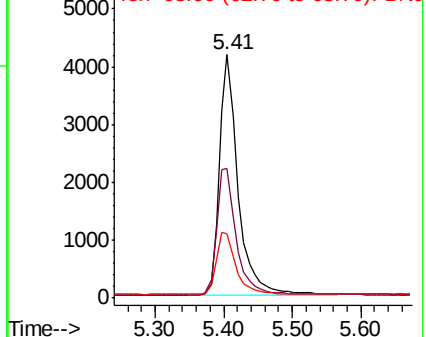
112 100

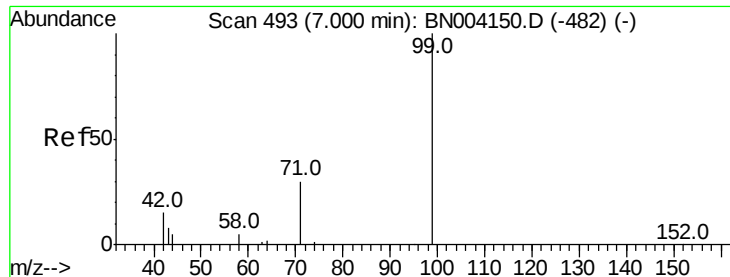
64 56.0 44.3 66.5

63 27.6 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 1.985 ng

RT: 6.99 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Instrument :

BNA_N

ClientSampleId :

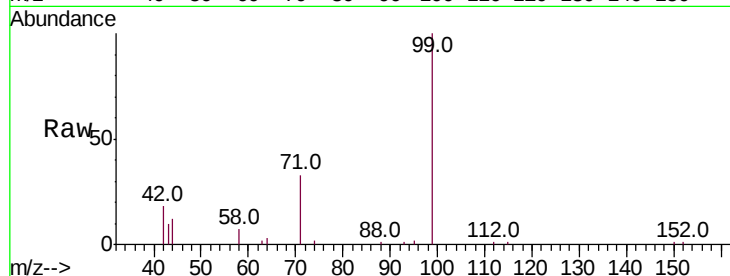
Tot Ion: 99 Resp: 11194

Ion Ratio Lower Upper

99 100

42 17.1 14.8 22.2

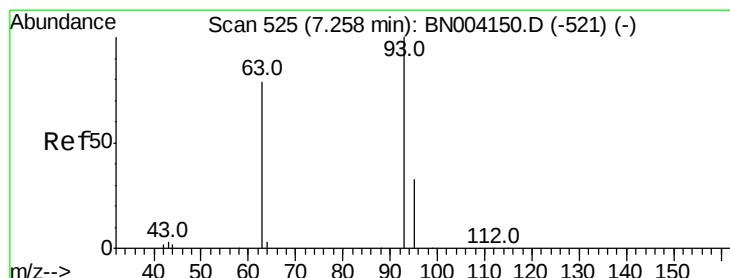
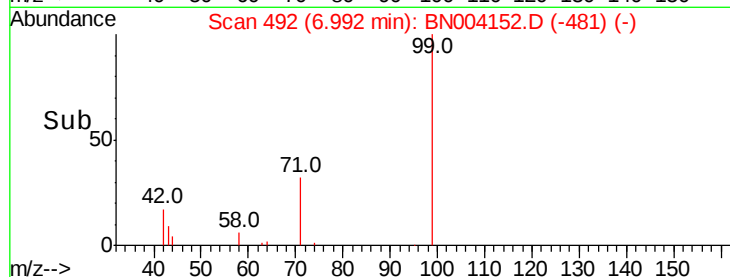
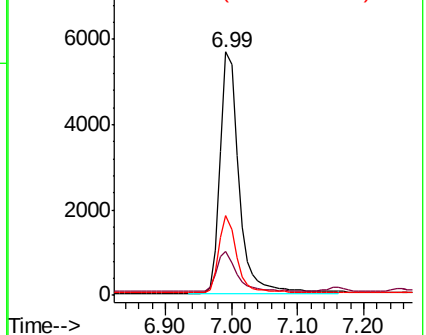
71 30.3 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 1.711 ng

RT: 7.26 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

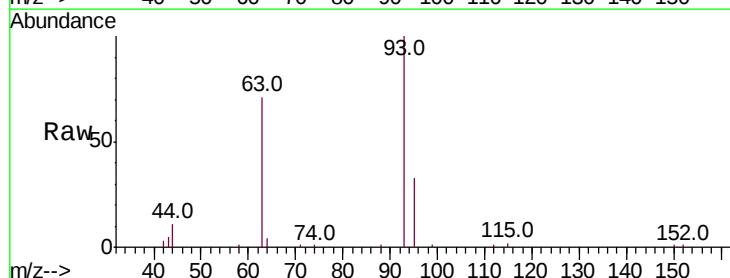
Tgt Ion: 93 Resp: 8614

Ion Ratio Lower Upper

93 100

63 69.8 55.8 83.6

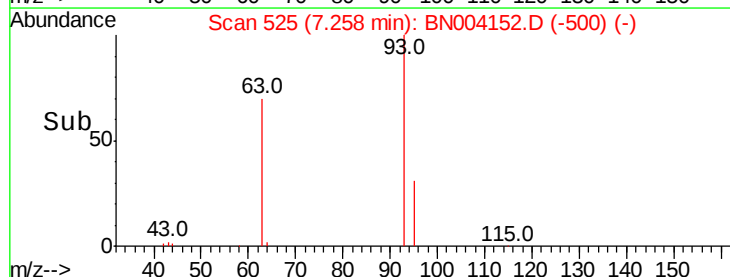
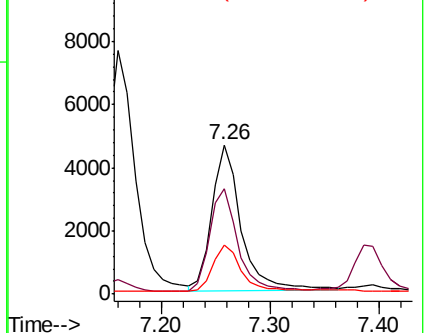
95 31.2 25.4 38.2

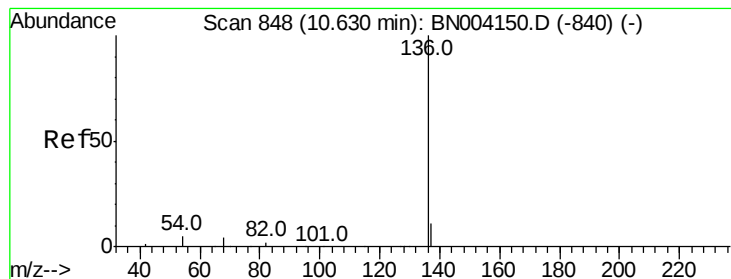


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.62 min Scan# 847

Delta R.T. -0.01 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 9630

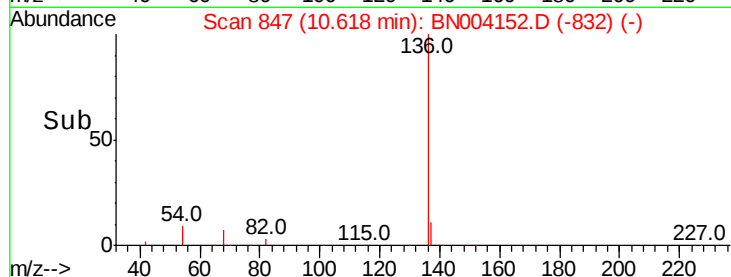
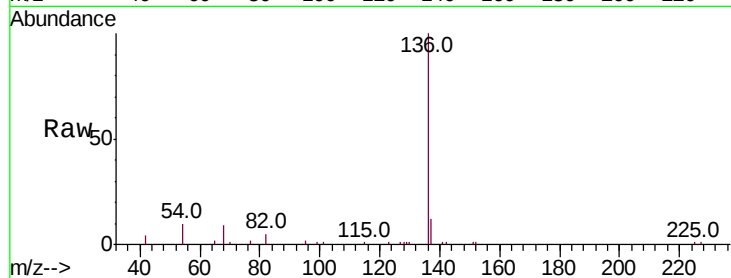
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.4

54 10.1 4.1 6.1#

68 8.7 3.5 5.3#

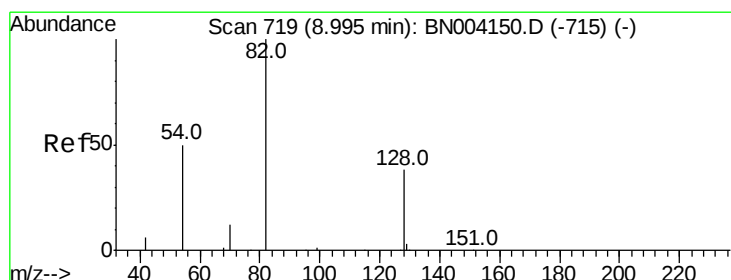
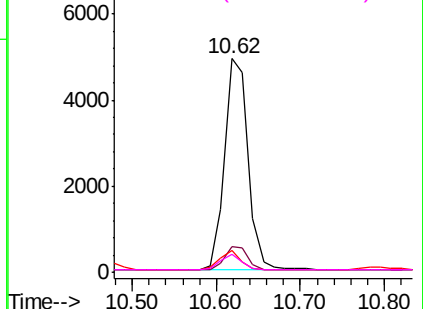


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.364 ng

RT: 9.00 min Scan# 719

Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

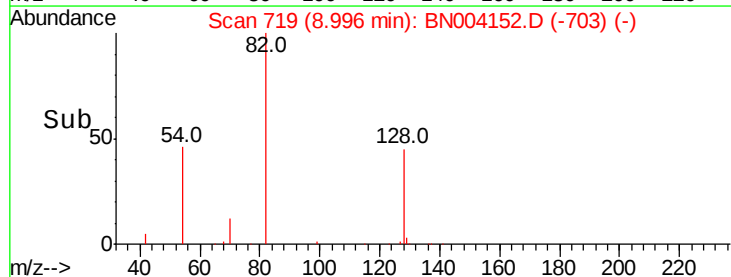
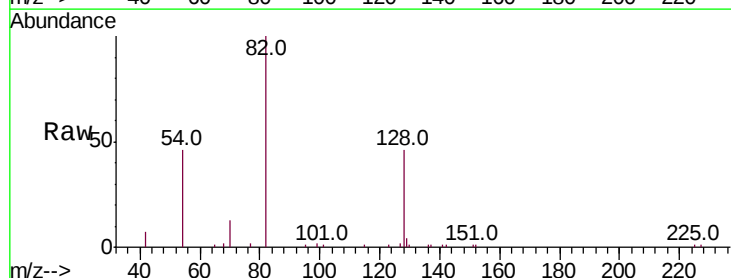
Tgt Ion: 82 Resp: 9969

Ion Ratio Lower Upper

82 100

128 45.8 28.9 43.3#

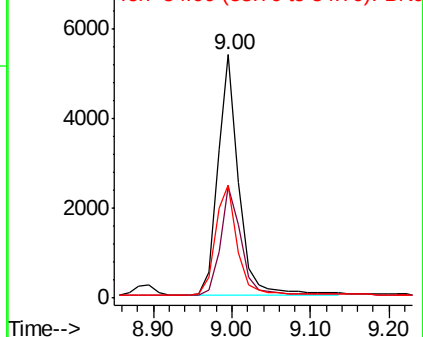
54 46.4 46.1 69.1

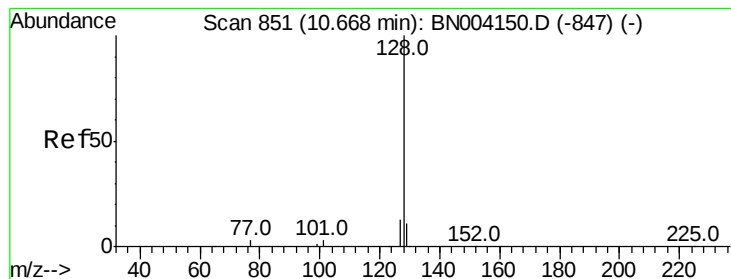


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.583 ng

RT: 10.67 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

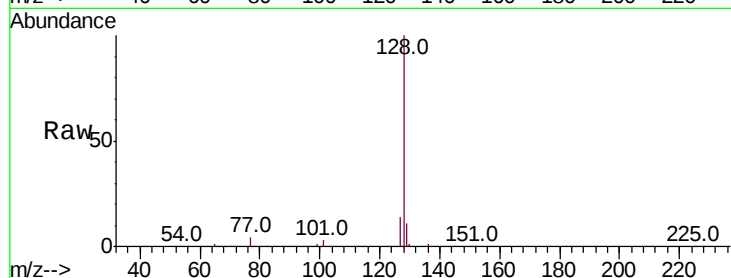
Instrument :

BNA_N

ClientSampleId :

Tot Ion:128 Resp: 37297

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.5	10.2	15.4

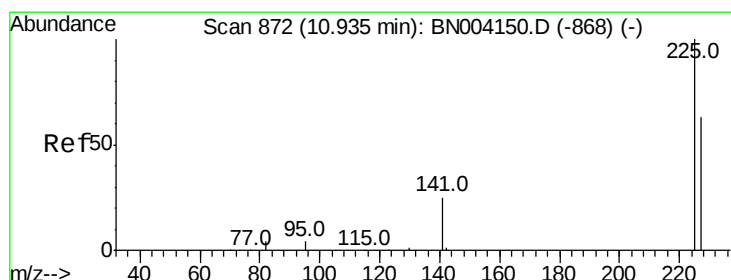
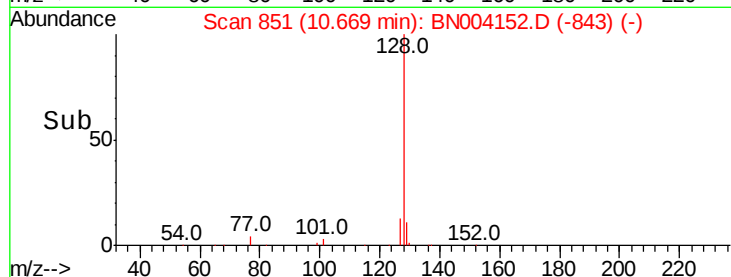
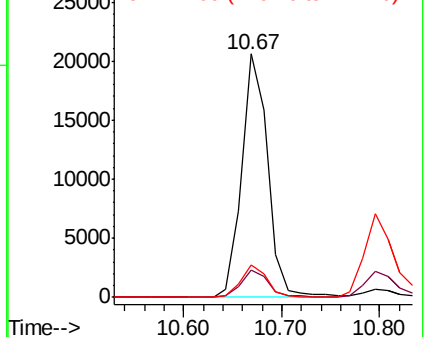


Abundance

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: 1.478 ng

RT: 10.93 min Scan# 872

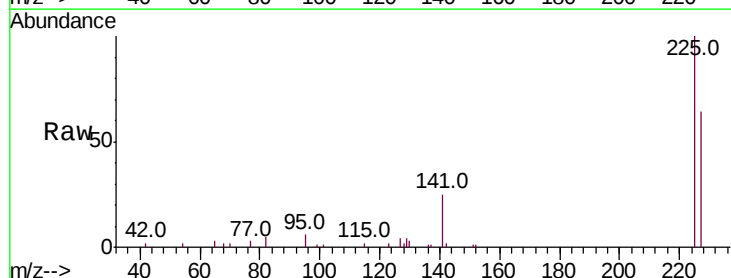
Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Tgt Ion:225 Resp: 6360

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.3	76.9

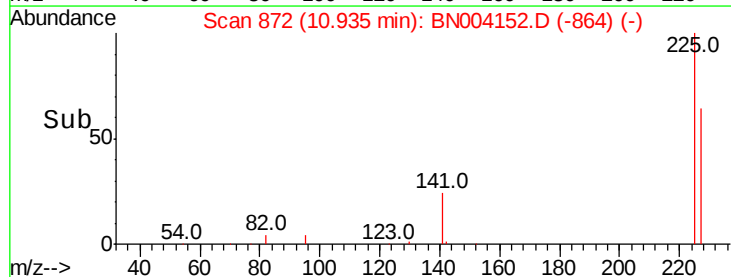
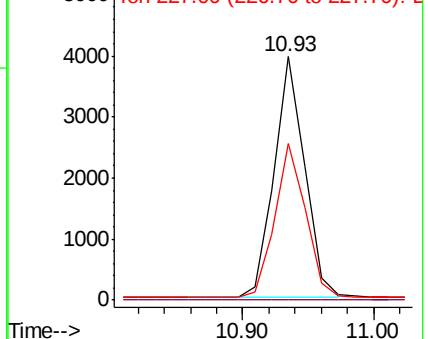


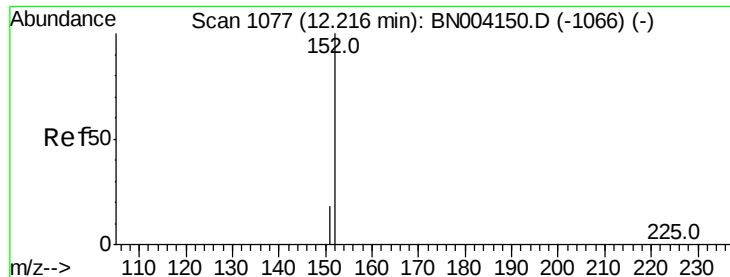
Abundance

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

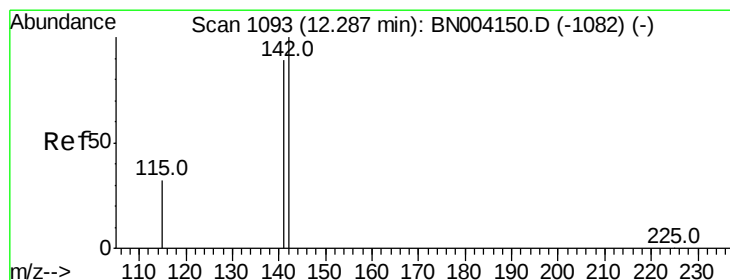
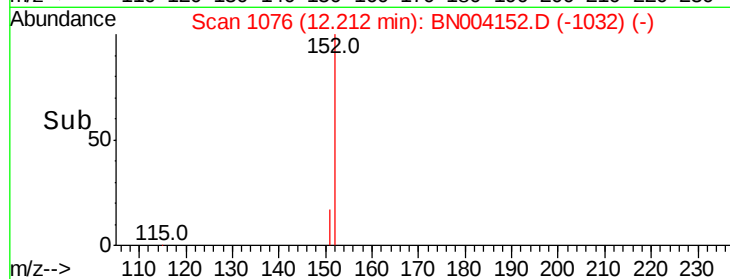
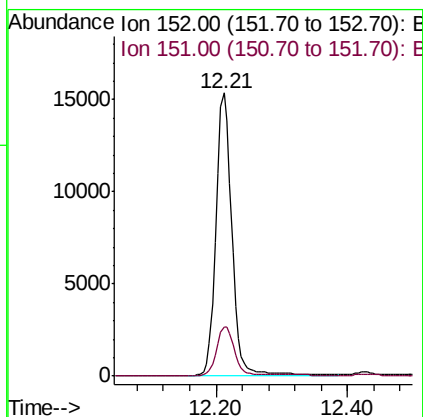
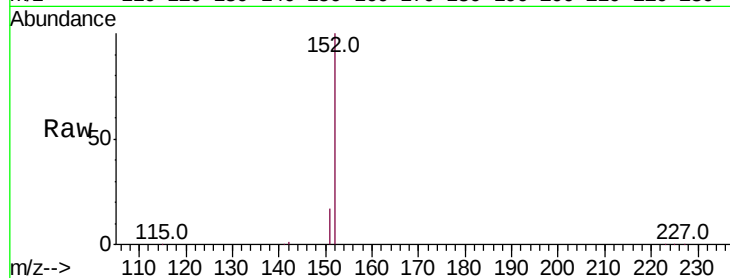




#11
2-Methylnaphthalene-d10
Concen: 1.633 ng
RT: 12.21 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

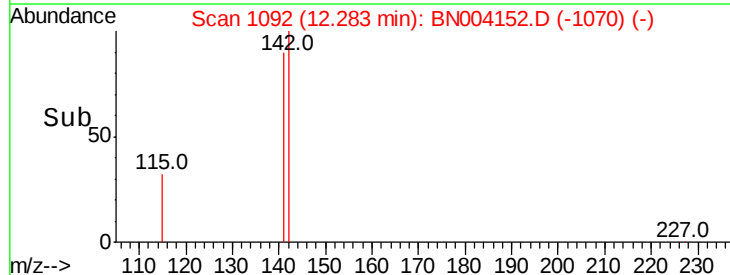
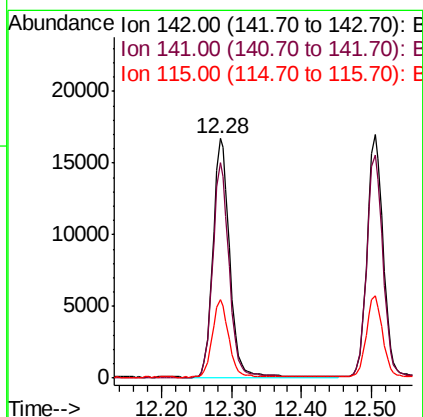
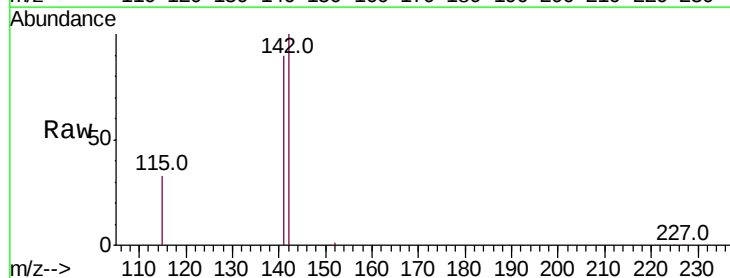
Instrument :
BNA_N
ClientSampleId :

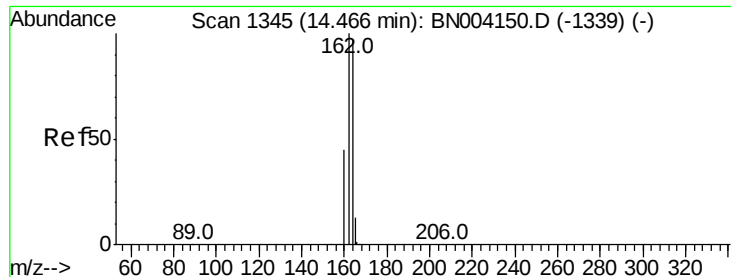
Tot Ion:152 Resp: 25603
Ion Ratio Lower Upper
152 100
151 19.3 15.1 22.7



#12
2-Methylnaphthalene
Concen: 1.678 ng
RT: 12.28 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:142 Resp: 27626
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9
115 32.7 27.0 40.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Instrument :

BNA_N

ClientSampled :

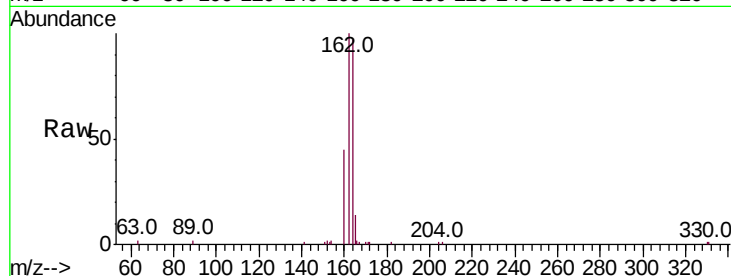
Tot Ion:164 Resp: 6172

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

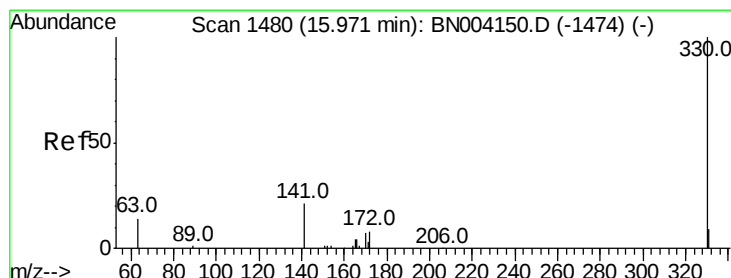
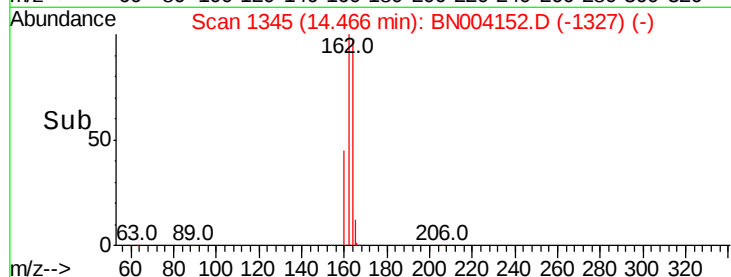
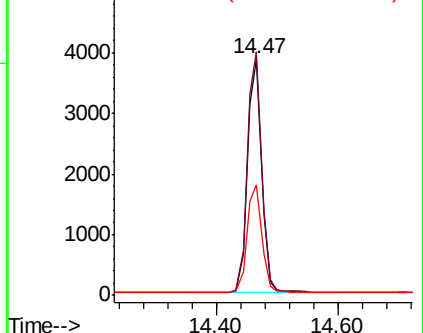
160 46.6 37.2 55.8



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: 2.346 ng

RT: 15.96 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

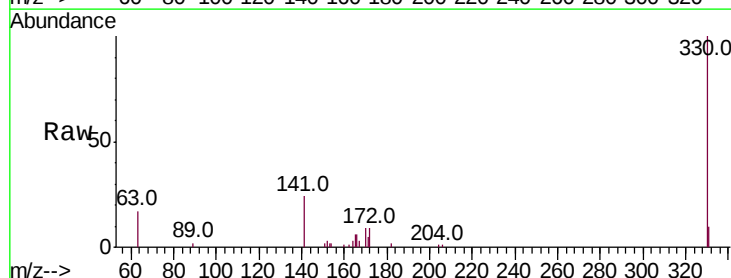
Tgt Ion:330 Resp: 5763

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

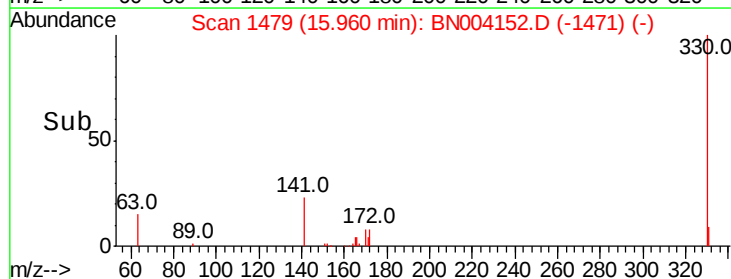
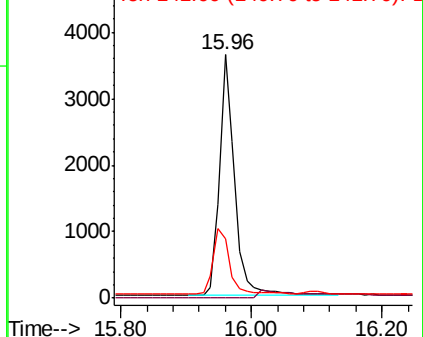
141 29.2 28.3 42.5

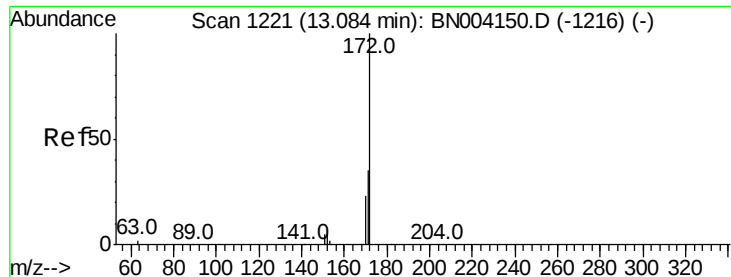


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

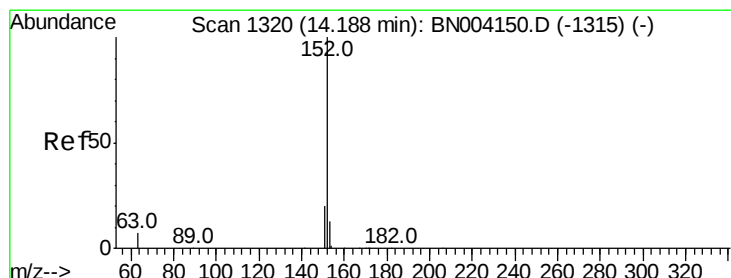
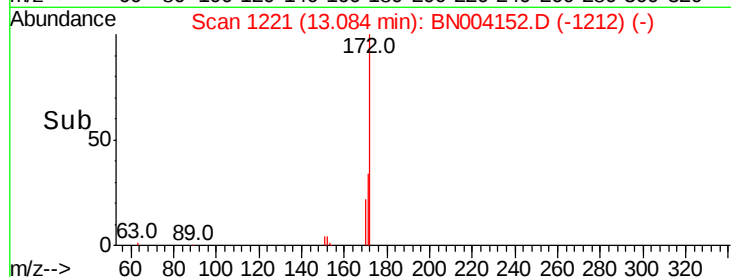
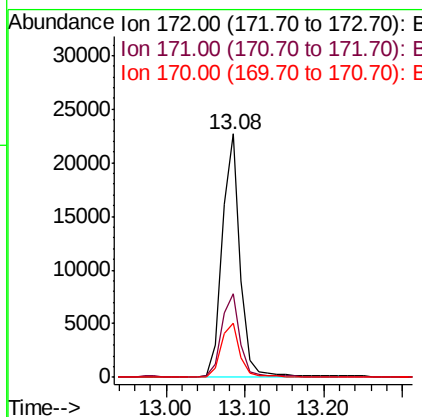
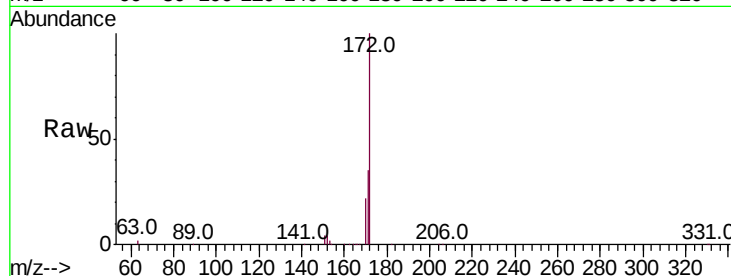




#15
2-Fluorobiphenyl
Concen: 1.362 ng
RT: 13.08 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

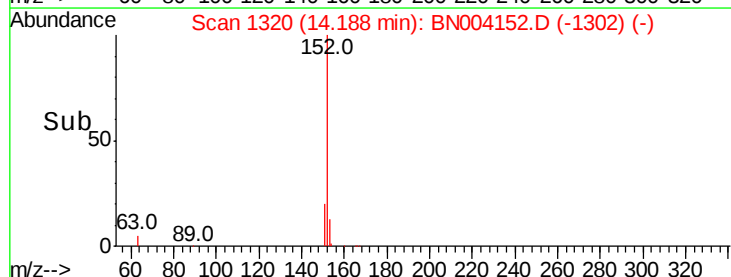
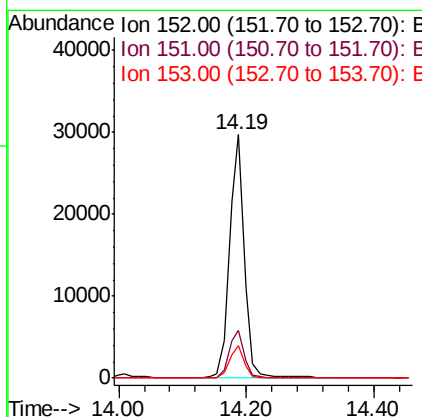
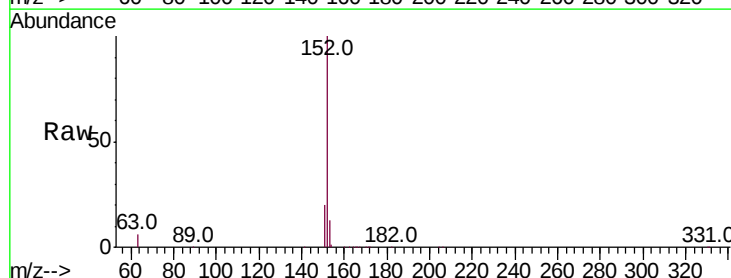
Instrument :
BNA_N
ClientSampleId :

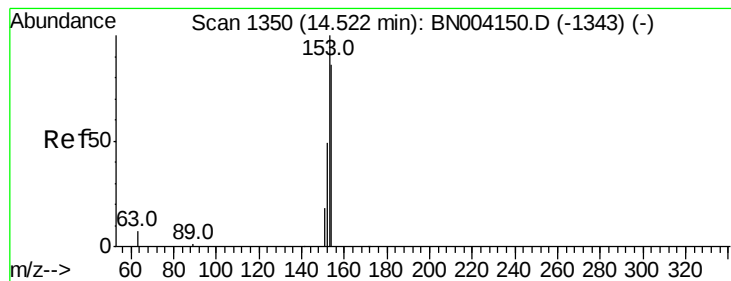
Tot Ion:172 Resp: 36165
Ion Ratio Lower Upper
172 100
171 34.6 27.1 40.7
170 22.2 17.4 26.0



#16
Acenaphthylene
Concen: 1.717 ng
RT: 14.19 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BN004152.D
Acq: 20 Dec 2018 16:13

Tgt Ion:152 Resp: 47230
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 1.566 ng

RT: 14.52 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Instrument :

BNA_N

ClientSampleId :

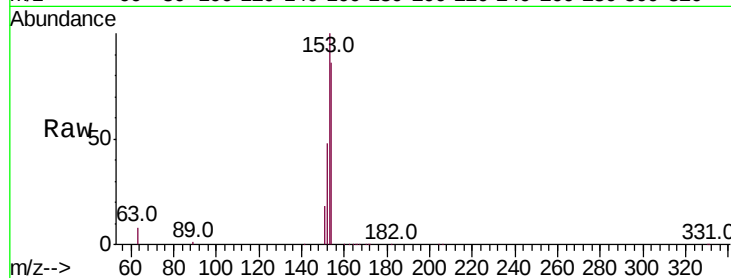
Tot Ion:154 Resp: 29862

Ion Ratio Lower Upper

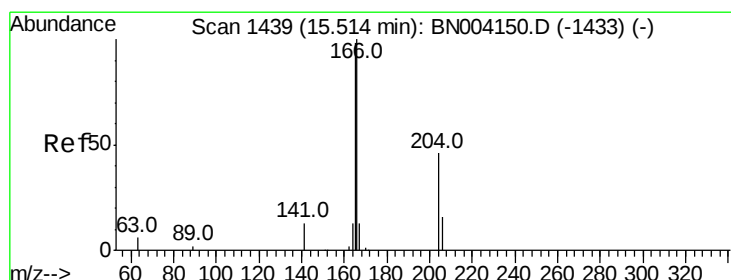
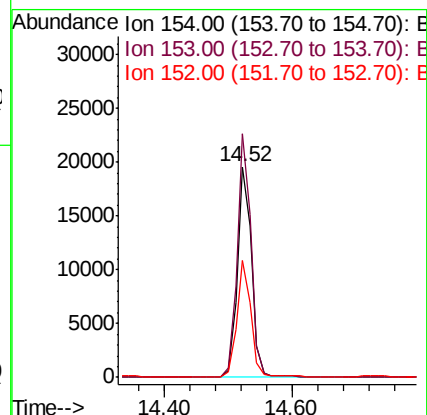
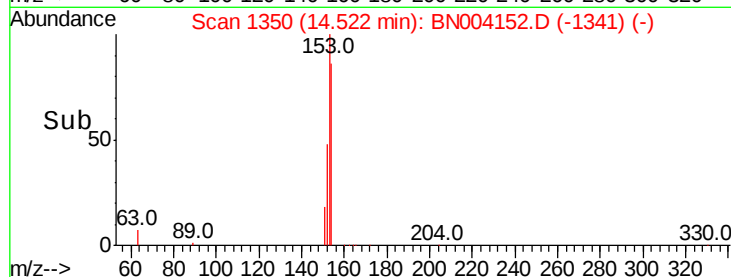
154 100

153 113.5 88.9 133.3

152 54.2 43.5 65.3



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: 1.616 ng

RT: 15.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

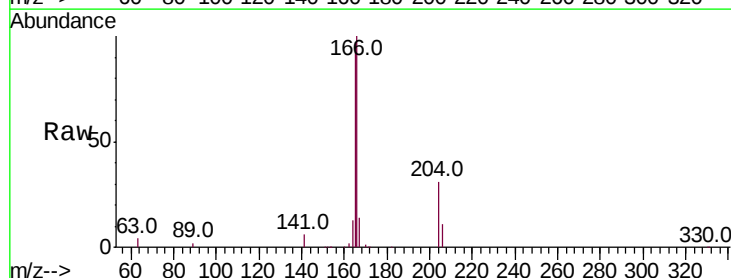
Tgt Ion:166 Resp: 38561

Ion Ratio Lower Upper

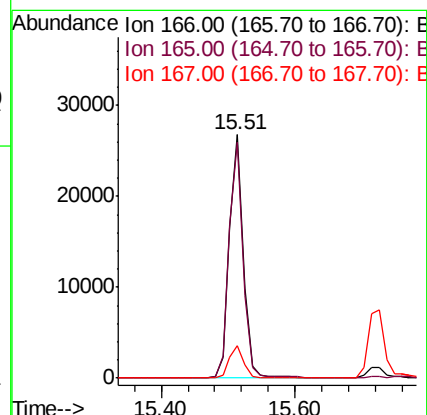
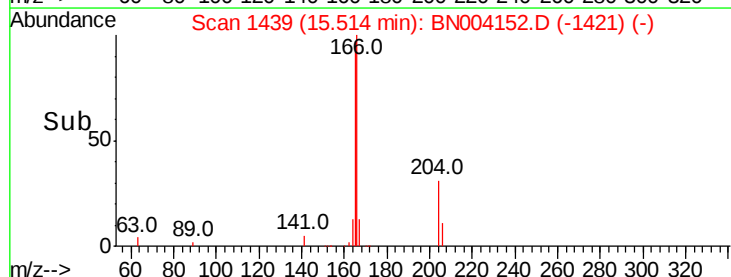
166 100

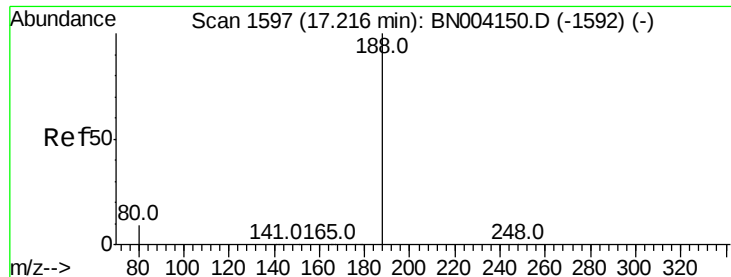
165 97.7 77.8 116.8

167 13.5 10.9 16.3



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: 17.21 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Instrument :

BNA_N

ClientSampleId :

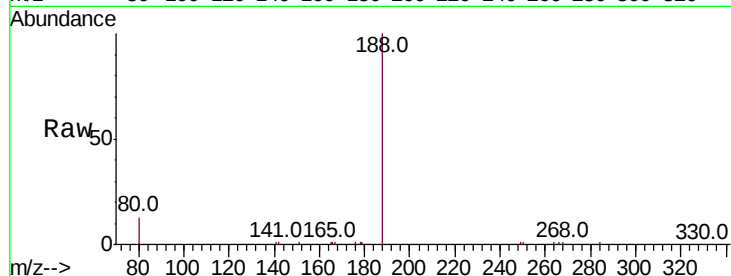
Tot Ion:188 Resp: 15355

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

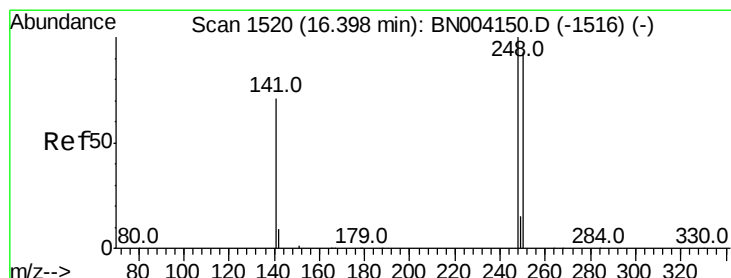
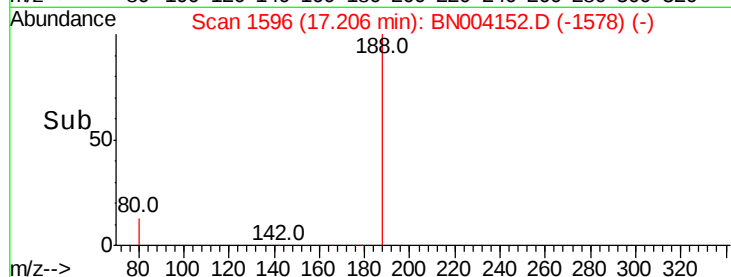
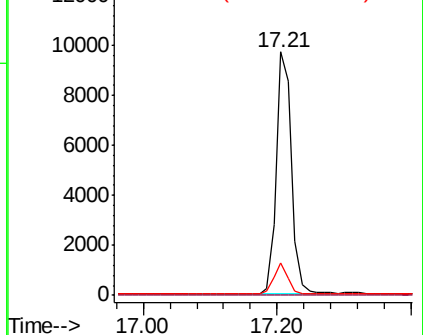
80 13.5 8.6 12.8#



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: 1.542 ng

RT: 16.40 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

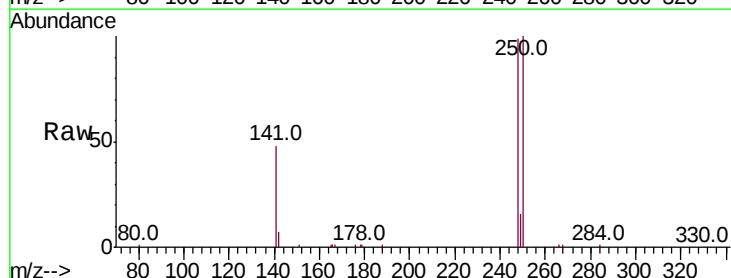
Tgt Ion:248 Resp: 13712

Ion Ratio Lower Upper

248 100

250 101.0 83.7 125.5

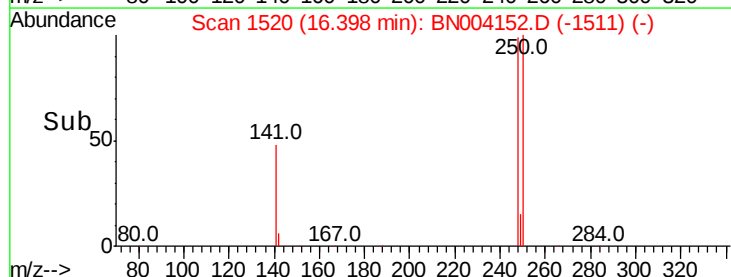
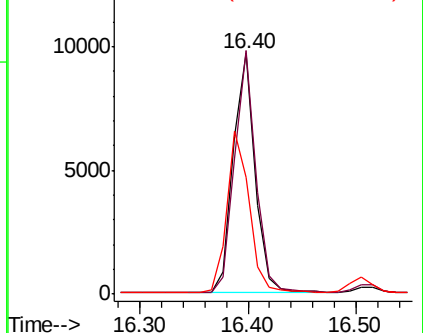
141 48.7 31.4 47.0#

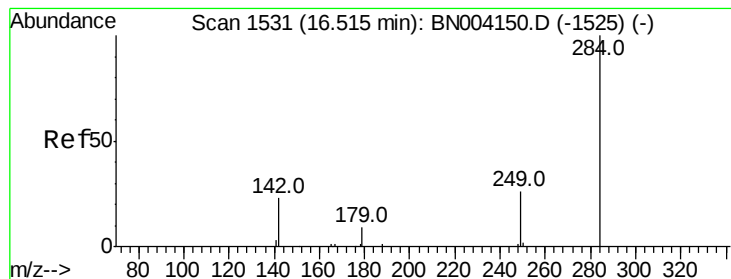


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.596 ng

RT: 16.52 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Instrument :

BNA_N

ClientSampled :

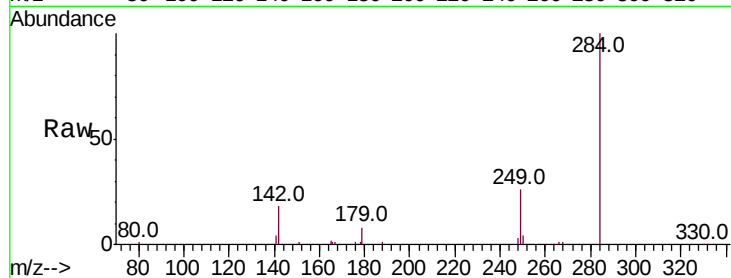
Tot Ion:284 Resp: 14968

Ion Ratio Lower Upper

284 100

142 33.2 29.7 44.5

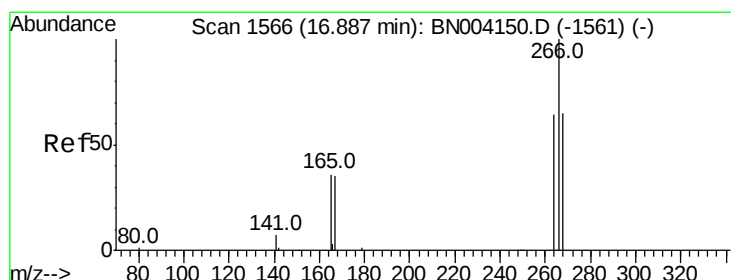
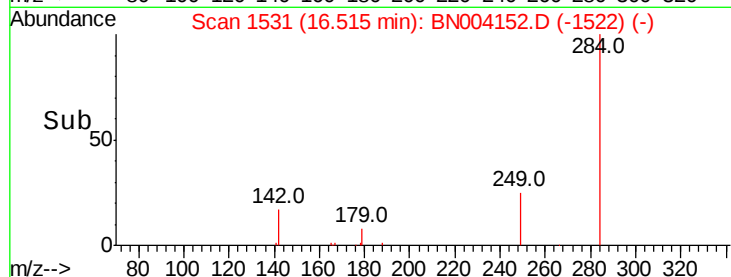
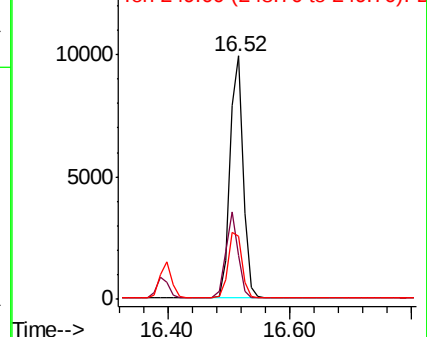
249 28.9 24.0 36.0



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: 1.263 ng

RT: 16.87 min Scan# 1564

Delta R.T. -0.02 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

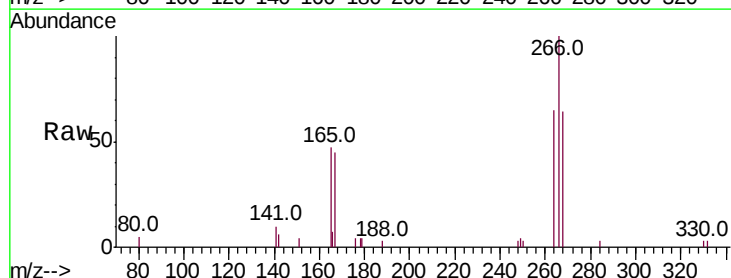
Tgt Ion:266 Resp: 3209

Ion Ratio Lower Upper

266 100

264 65.1 52.1 78.1

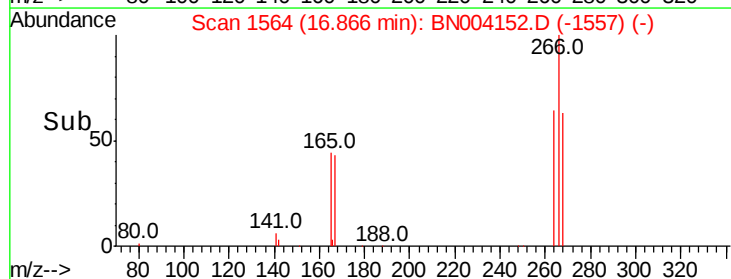
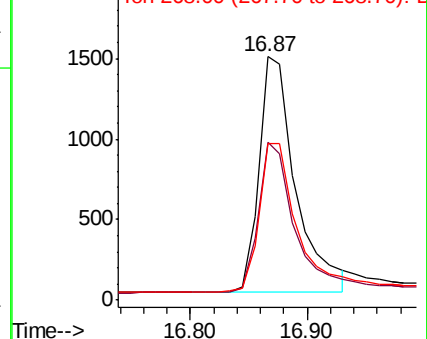
268 64.2 51.8 77.6

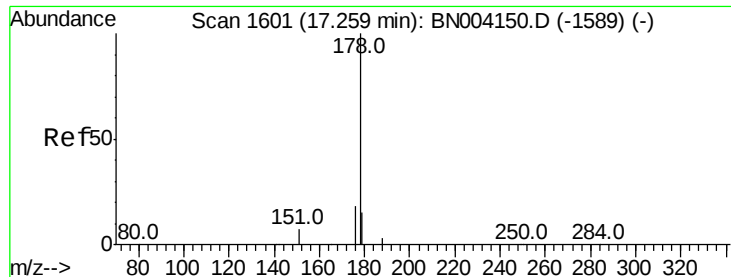


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.577 ng

RT: 17.25 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

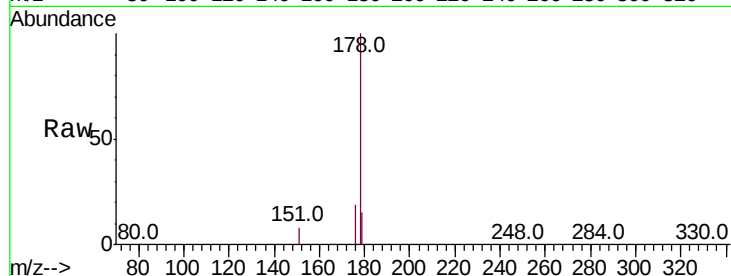
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 66427

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.3	12.4	18.6

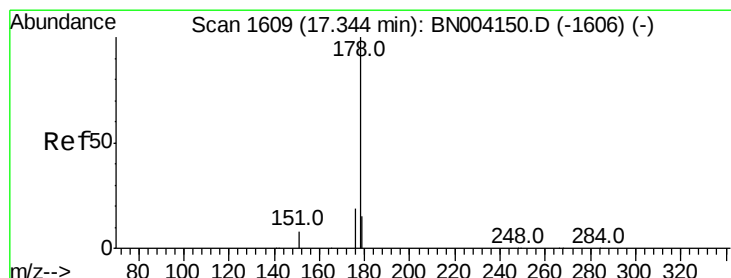
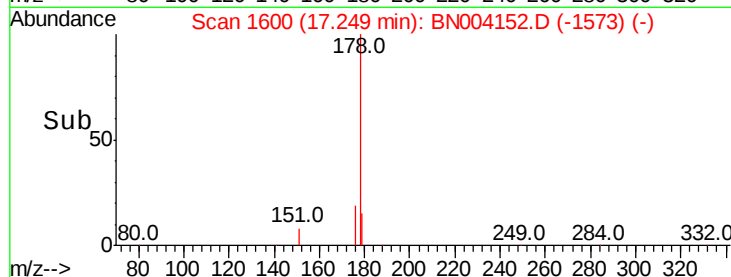
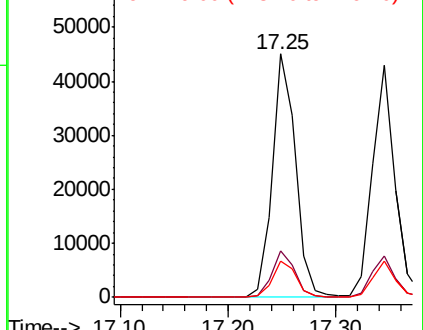


Abundance

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



#24

Anthracene

Concen: 1.741 ng

RT: 17.34 min Scan# 1609

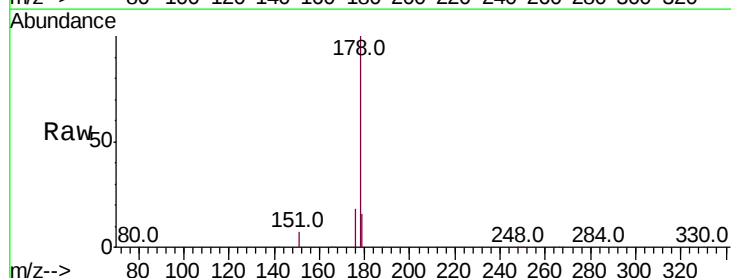
Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Tgt Ion:178 Resp: 62891

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.3	12.2	18.4

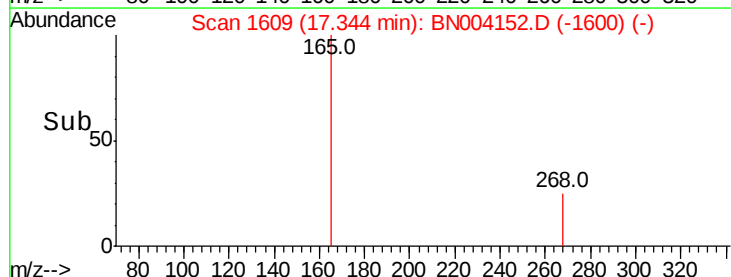
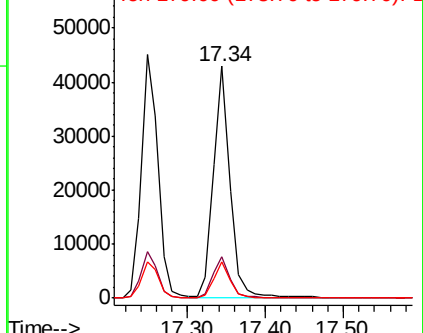


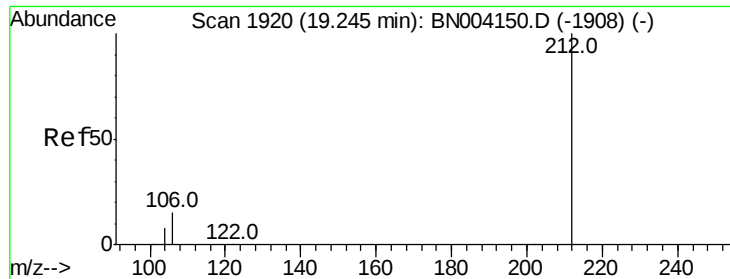
Abundance

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

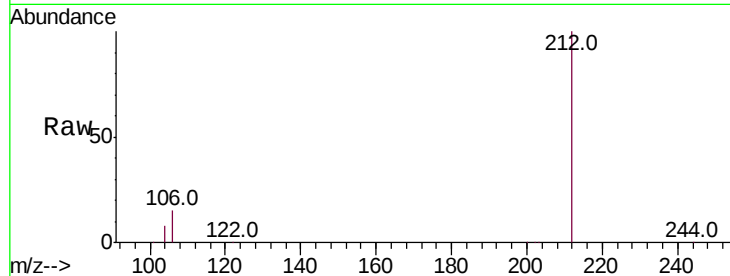




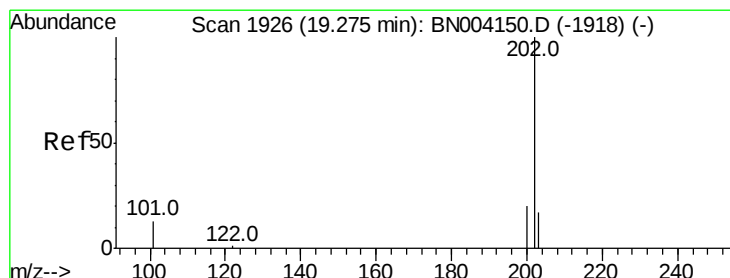
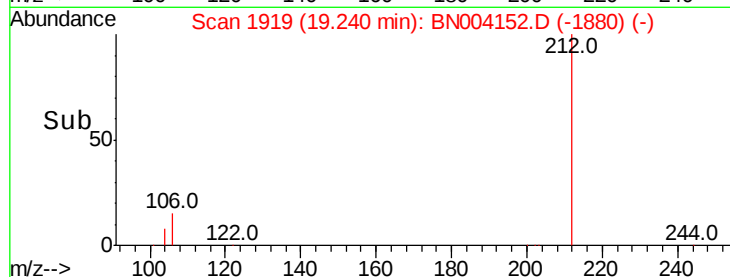
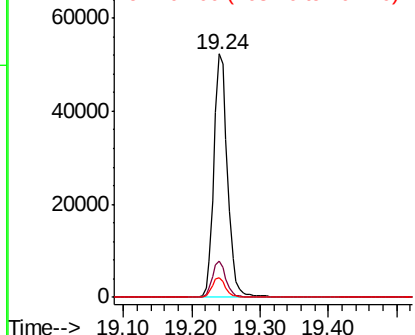
#25
 Fluoranthene-d10
 Concen: 1.629 ng
 RT: 19.24 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: BN004152.D
 Acq: 20 Dec 2018 16:13

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:212 Resp: 72721
 Ion Ratio Lower Upper
 212 100
 106 14.6 10.3 15.5
 104 8.1 5.6 8.4

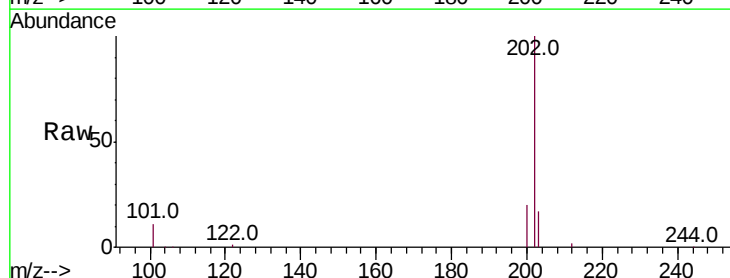


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

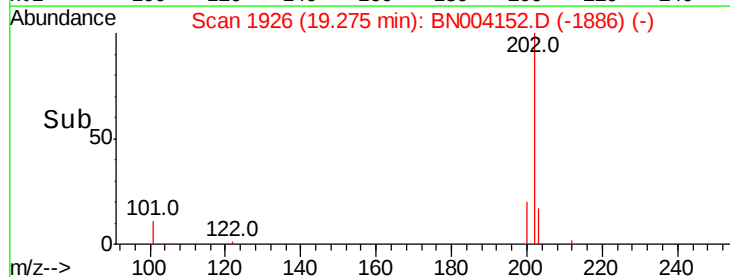
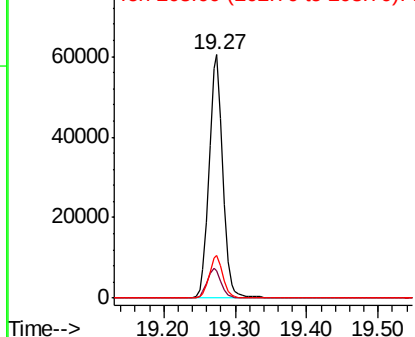


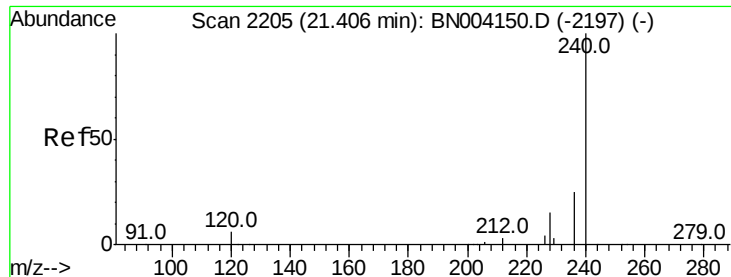
#26
 Fluoranthene
 Concen: 1.657 ng
 RT: 19.27 min Scan# 1926
 Delta R.T. 0.00 min
 Lab File: BN004152.D
 Acq: 20 Dec 2018 16:13

Tgt Ion:202 Resp: 80153
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.0 13.4
 203 17.3 13.8 20.6



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: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Instrument :

BNA_N

ClientSampleId :

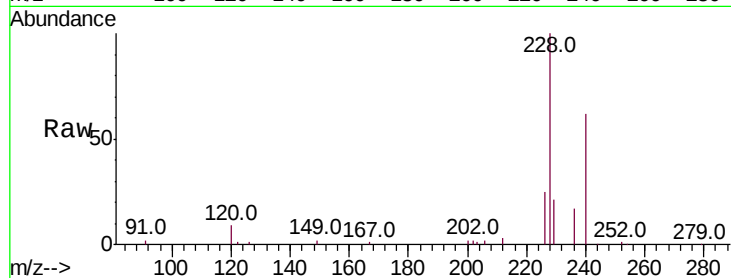
Tot Ion:240 Resp: 16682

Ion Ratio Lower Upper

240 100

120 14.7 9.3 13.9#

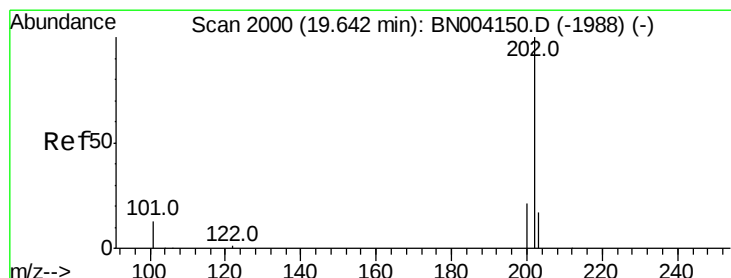
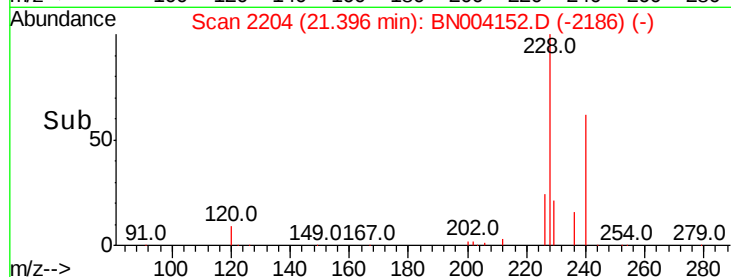
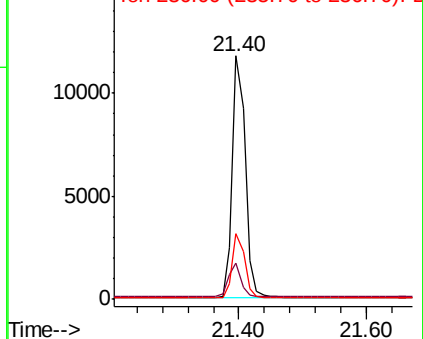
236 27.0 21.0 31.4



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: 1.758 ng

RT: 19.64 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

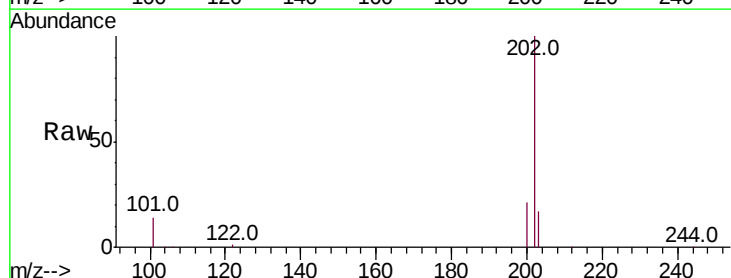
Tgt Ion:202 Resp: 81086

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

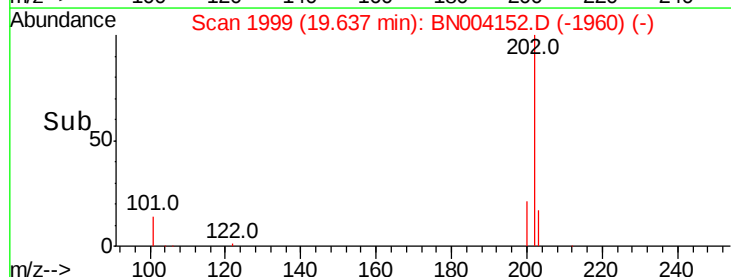
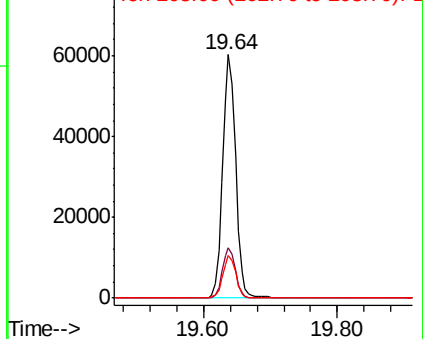
203 17.5 13.9 20.9

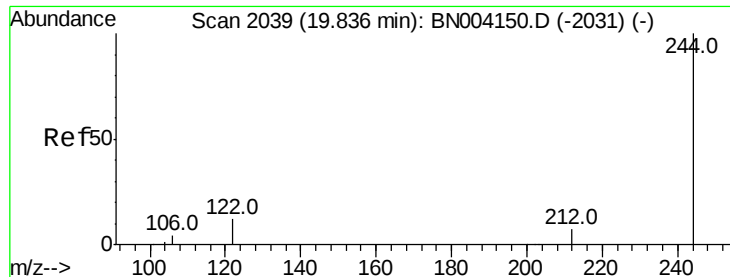


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.654 ng

RT: 19.83 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Instrument :

BNA_N

ClientSampleId :

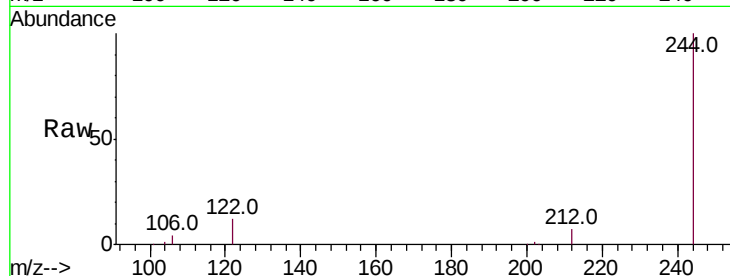
Tot Ion:244 Resp: 64172

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

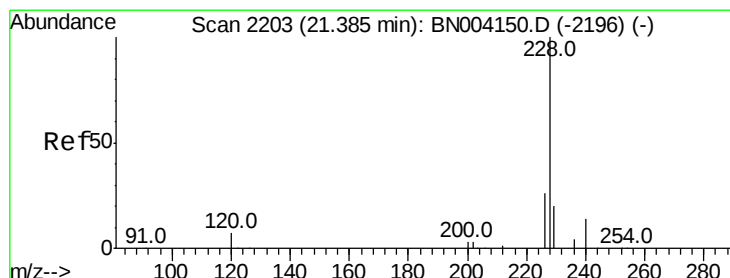
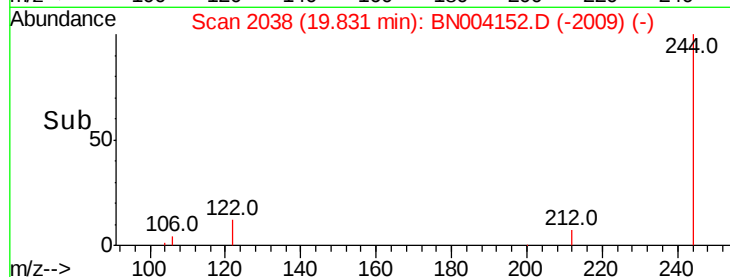
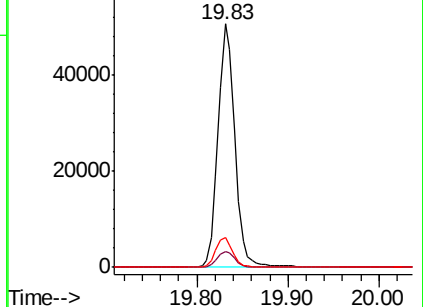
122 12.1 8.5 12.7



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: 1.660 ng

RT: 21.39 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

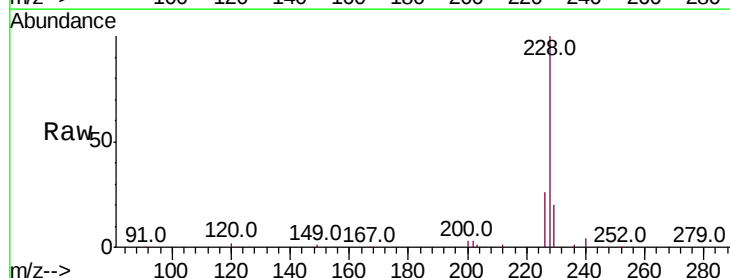
Tgt Ion:228 Resp: 72589

Ion Ratio Lower Upper

228 100

226 26.2 20.8 31.2

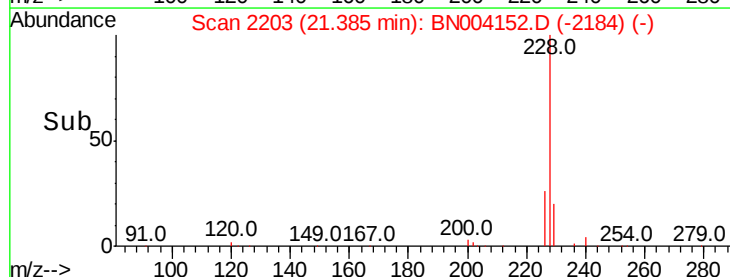
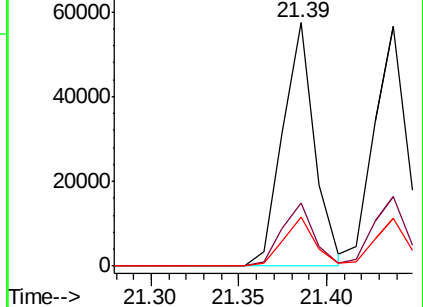
229 20.0 16.1 24.1

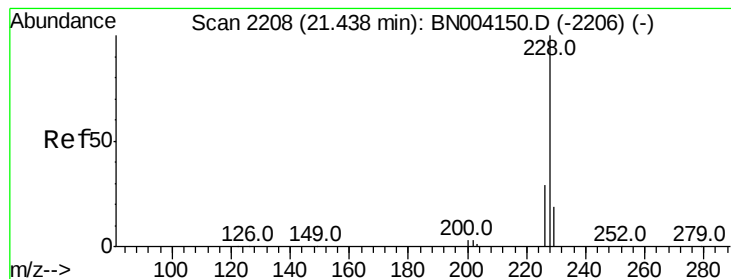


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.577 ng

RT: 21.44 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

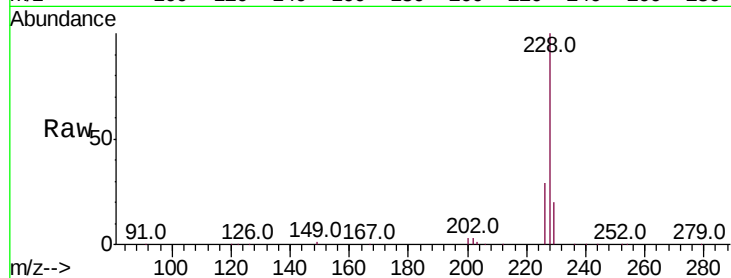
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 74345

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	19.8	16.0	24.0

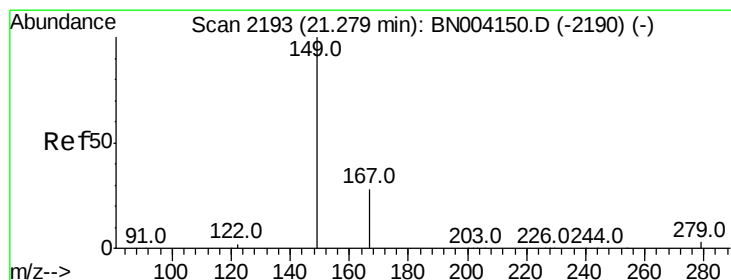
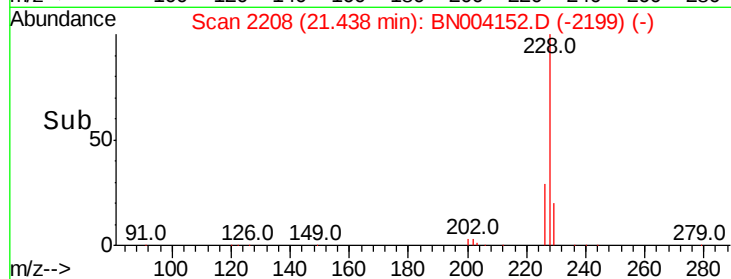
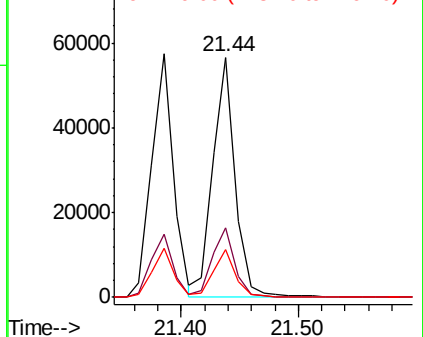


Abundance

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: 3.307 ng

RT: 21.28 min Scan# 2193

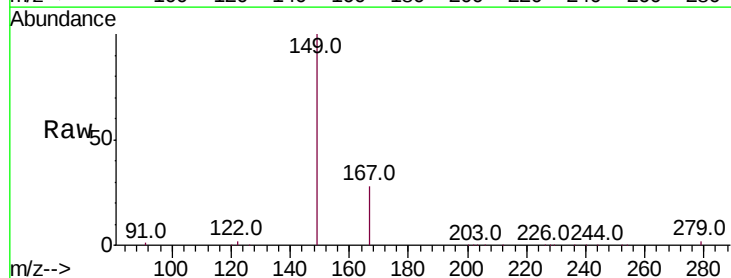
Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Tgt Ion:149 Resp: 42781

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	5.0	3.9	5.9

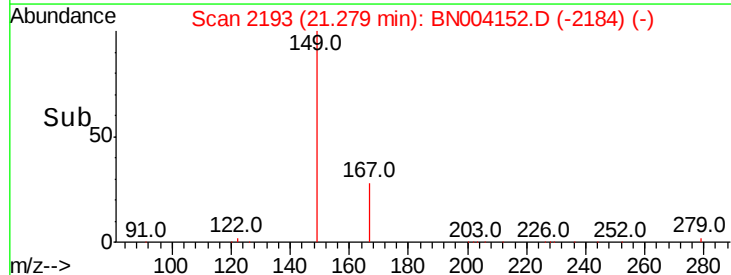
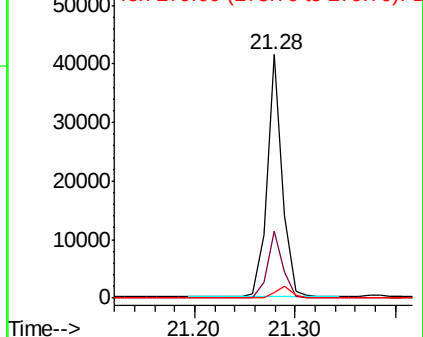


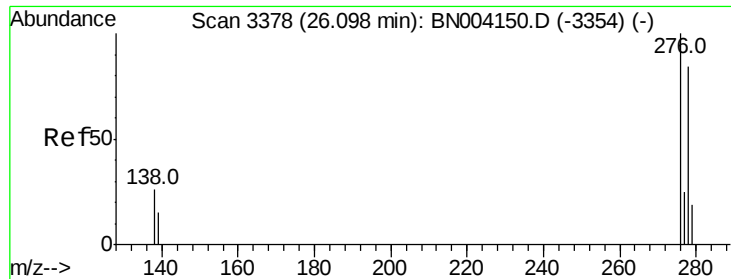
Abundance

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: 1.595 ng

RT: 26.08 min Scan# 3374

Delta R.T. -0.01 min

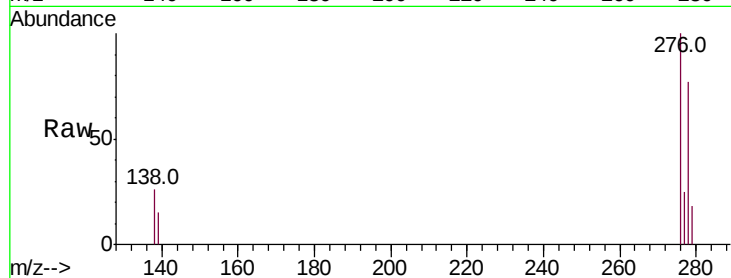
Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Instrument :

BNA_N

ClientSampleId :



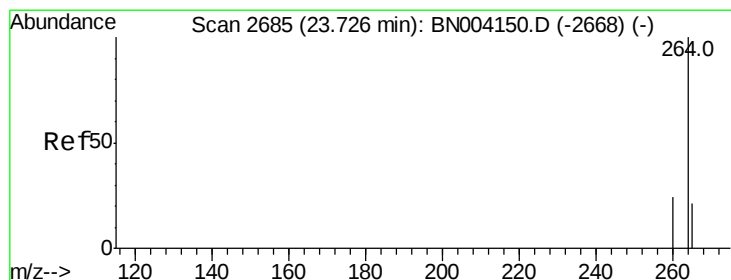
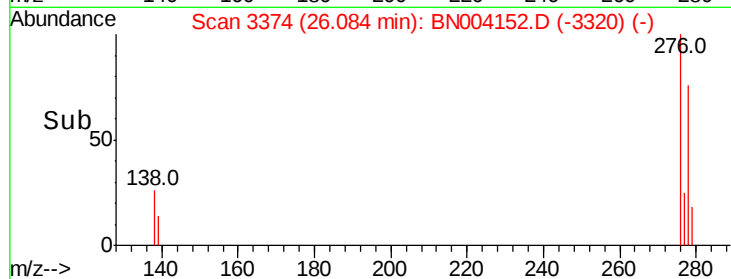
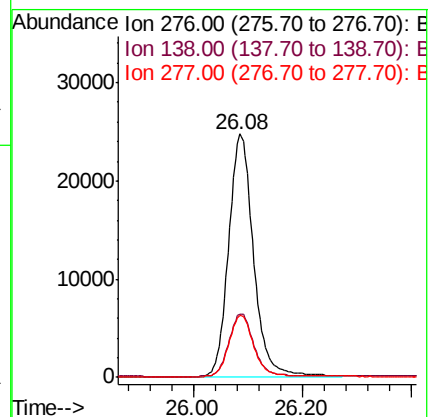
Tot Ion:276 Resp: 77838

Ion Ratio Lower Upper

276 100

138 25.9 20.6 30.8

277 25.2 20.0 30.0



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.72 min Scan# 2684

Delta R.T. -0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

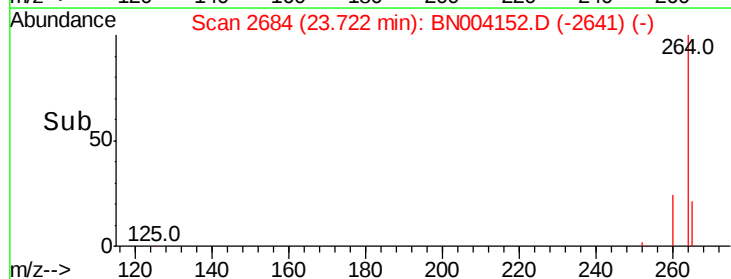
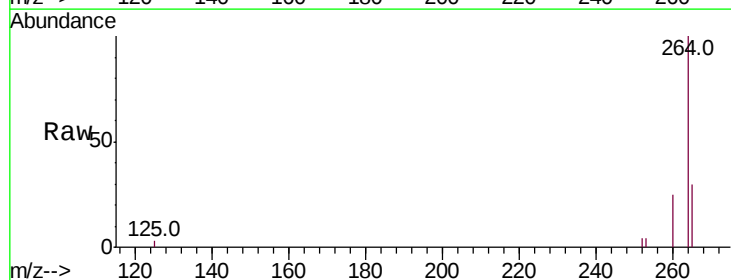
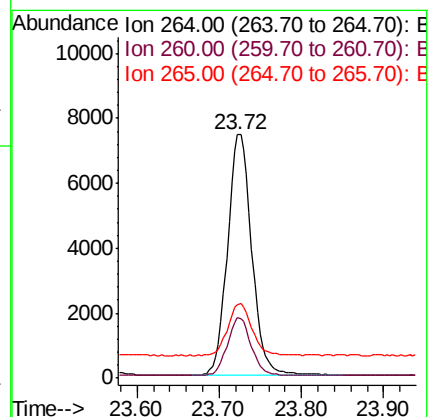
Tgt Ion:264 Resp: 15225

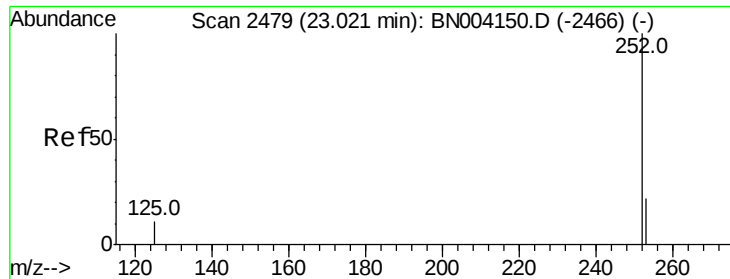
Ion Ratio Lower Upper

264 100

260 24.7 19.1 28.7

265 30.2 26.4 39.6





#35

Benzo(b)fluoranthene

Concen: 1.468 ng

RT: 23.02 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Instrument :

BNA_N

ClientSampleId :

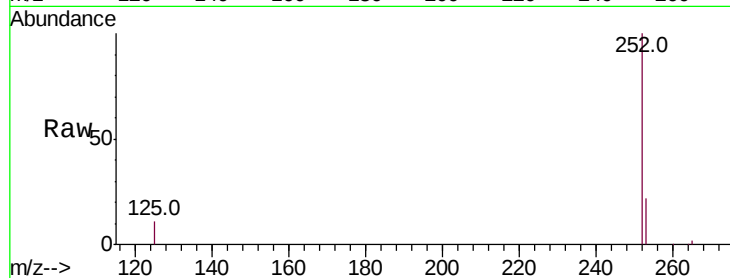
Tot Ion:252 Resp: 69752

Ion Ratio Lower Upper

252 100

253 22.3 19.3 28.9

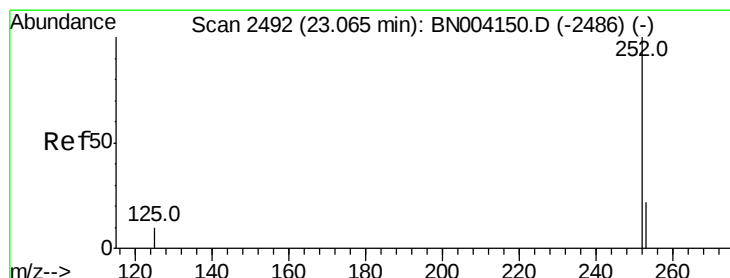
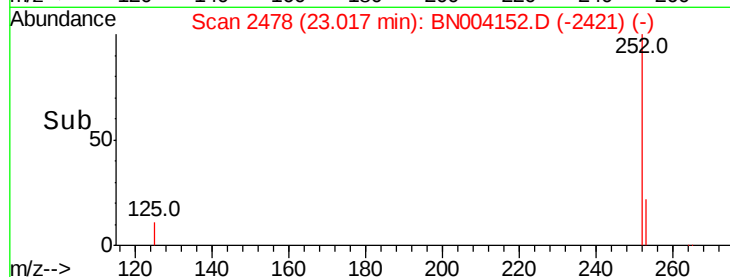
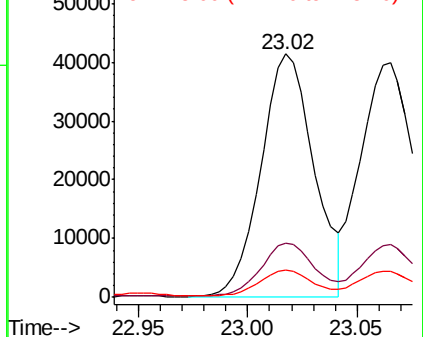
125 11.2 12.7 19.1#



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



#36

Benzo(k)fluoranthene

Concen: 1.527 ng

RT: 23.07 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

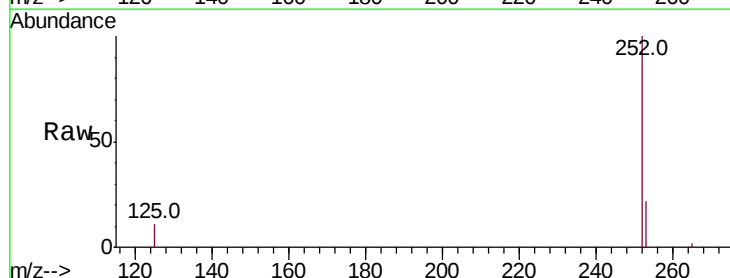
Tgt Ion:252 Resp: 71842

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

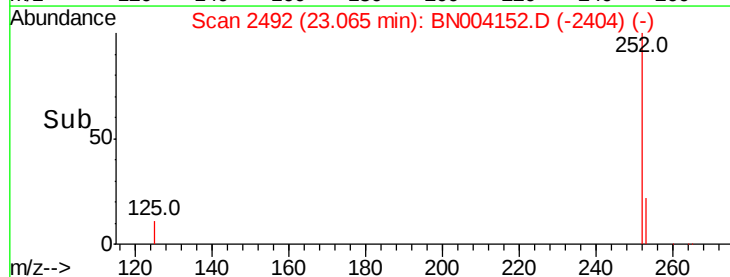
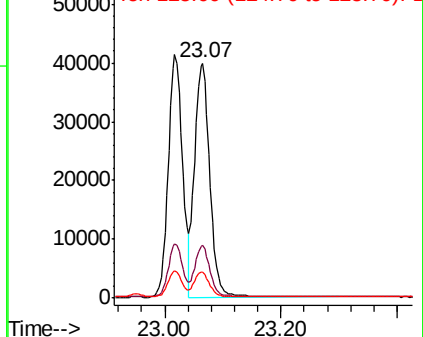
125 11.1 9.1 13.7

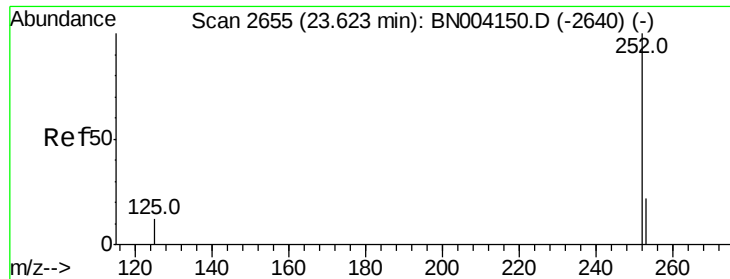


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.508 ng

RT: 23.62 min Scan# 2655

Delta R.T. 0.00 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Instrument :

BNA_N

ClientSampleId :

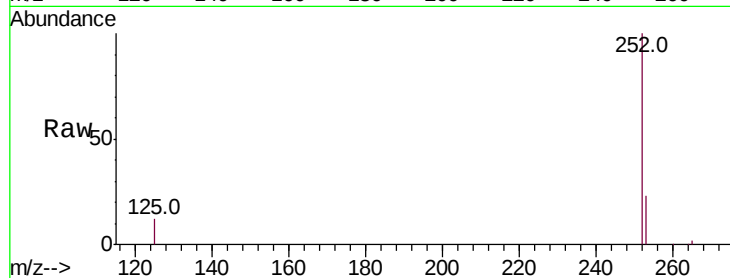
Tot Ion:252 Resp: 65195

Ion Ratio Lower Upper

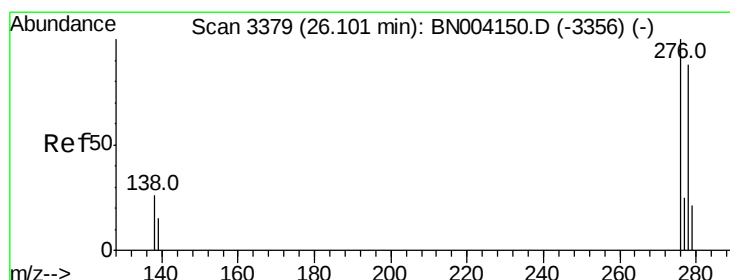
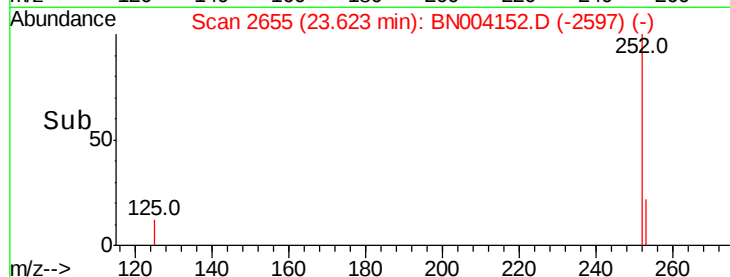
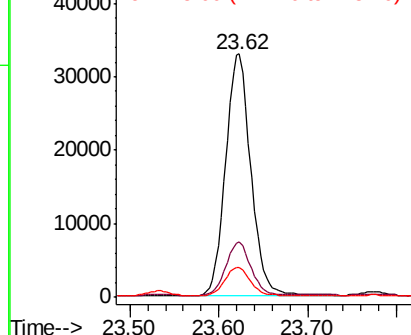
252 100

253 22.5 20.1 30.1

125 12.3 16.0 24.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 1.621 ng

RT: 26.09 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

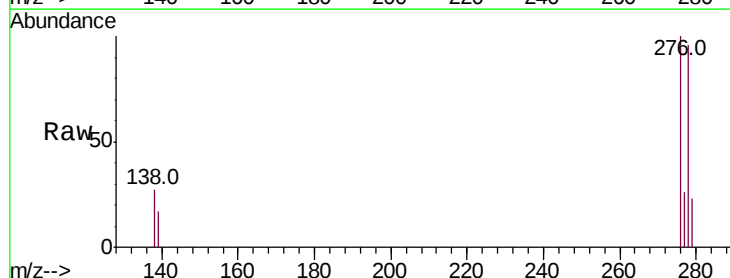
Tgt Ion:278 Resp: 65286

Ion Ratio Lower Upper

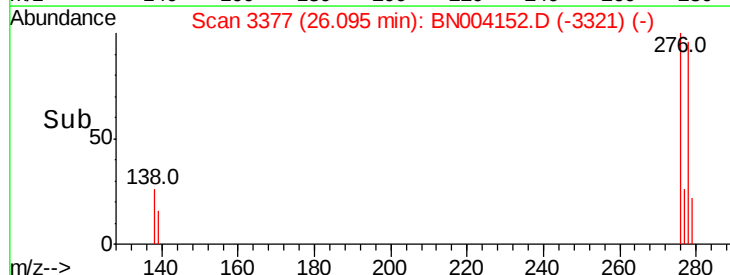
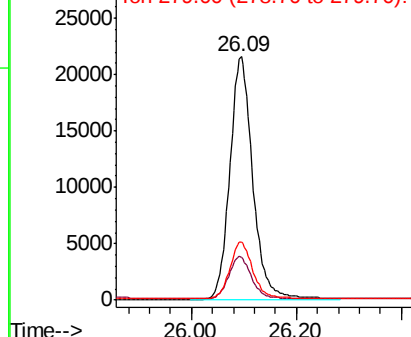
278 100

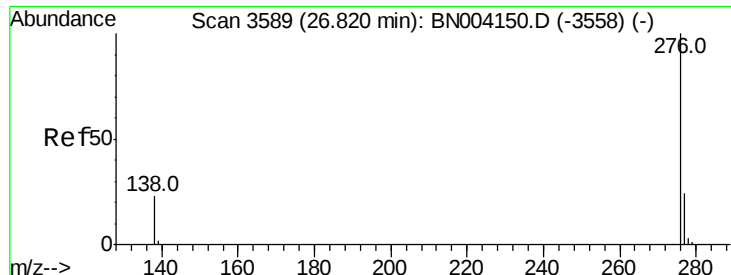
139 17.6 13.5 20.3

279 24.0 19.8 29.6



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: 1.584 ng

RT: 26.82 min Scan# 3589

Delta R.T. 0.00 min

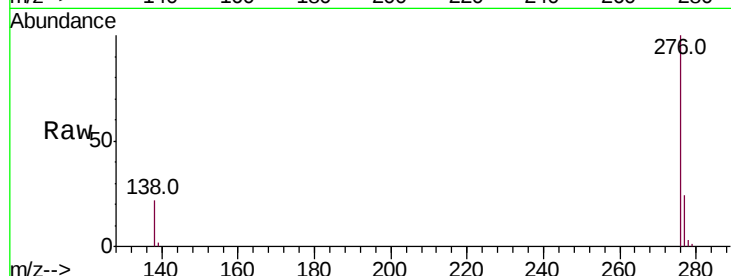
Lab File: BN004152.D

Acq: 20 Dec 2018 16:13

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 63802

Ion Ratio Lower Upper

276 100

277 24.2 19.5 29.3

138 22.4 17.4 26.2

Abundance Ion 276.00 (275.70 to 276.70): E
 25000 Ion 277.00 (276.70 to 277.70): E
 20000 Ion 138.00 (137.70 to 138.70): E
 15000
 10000
 5000
 0

