

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
 Data File : BN009744.D
 Acq On : 18 Feb 2020 15:18
 Operator : CG/JU
 Sample : L1541-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBCX6

Quant Time: Feb 19 03:05:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 02:49:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	108260	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	446238	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	276035	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	591906	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	581768	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	568339	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	17686	6.72	ng/uL	0.00
5) Phenol-d5	6.61	99	371952	40.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	267060	42.03	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	291926	42.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	282678	38.59	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	136958	41.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	154493	43.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	279870	40.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	91509	11.86	ng/ul	0.01
44) Dimethylphthalate-d6	13.48	166	853987	41.42	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1018342	41.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	153732	40.83	ng/ul	0.00
58) Fluorene-d10	15.06	176	737044	41.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	148274	40.32	ng/ul	0.00
71) Anthracene-d10	16.91	188	1107617	40.82	ng/ul	0.00
79) Pyrene-d10	19.22	212	1243454	40.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	1234791	43.51	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.64	94	194095	19.669	ng/ul 96
8) Bis(2-Chloroethyl)ether	6.86	93	442872	57.102	ng/ul 96
11) 2-Methylphenol	7.86	108	429373	59.462	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.22	70	395177	63.363	ng/ul 99
16) 4-Methylphenol	8.19	108	460698	58.145	ng/ul 83
17) Hexachloroethane	8.46	117	129424	38.957	ng/ul 98
21) Isophorone	9.12	82	651965	38.509	ng/ul 99
24) 2,4-Dimethylphenol	9.37	107	356111	41.042	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.60	93	486684	47.036	ng/ul 99
27) 2,4-Dichlorophenol	9.83	162	113048	16.320	ng/ul 95
28) Naphthalene	10.21	128	558331	23.202	ng/ul 99
31) Hexachlorobutadiene	10.50	225	275658	59.505	ng/ul 93
32) Caprolactam	11.10	113	87496	37.664	ng/ul 94
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	327063	39.974	ng/ul 97
38) Hexachlorocyclopentadiene	12.19	237	96642	27.300	ng/ul 99
40) 2,4,5-Trichlorophenol	12.55	196	230351	41.349	ng/ul 97
42) 2-Chloronaphthalene	12.91	162	327597	19.457	ng/ul 98
45) Dimethylphthalate	13.53	163	423116	19.667	ng/ul 99
48) Acenaphthylene	13.77	152	591256	22.496	ng/ul 99
49) 3-Nitroaniline	13.97	138	126250	32.468	ng/ul 94
50) Acenaphthene	14.12	153	605172	33.588	ng/ul 97
51) 2,4-Dinitrophenol	14.20	184	119508	49.425	ng/ul 97
54) Dibenzofuran	14.46	168	495386	19.589	ng/ul 96

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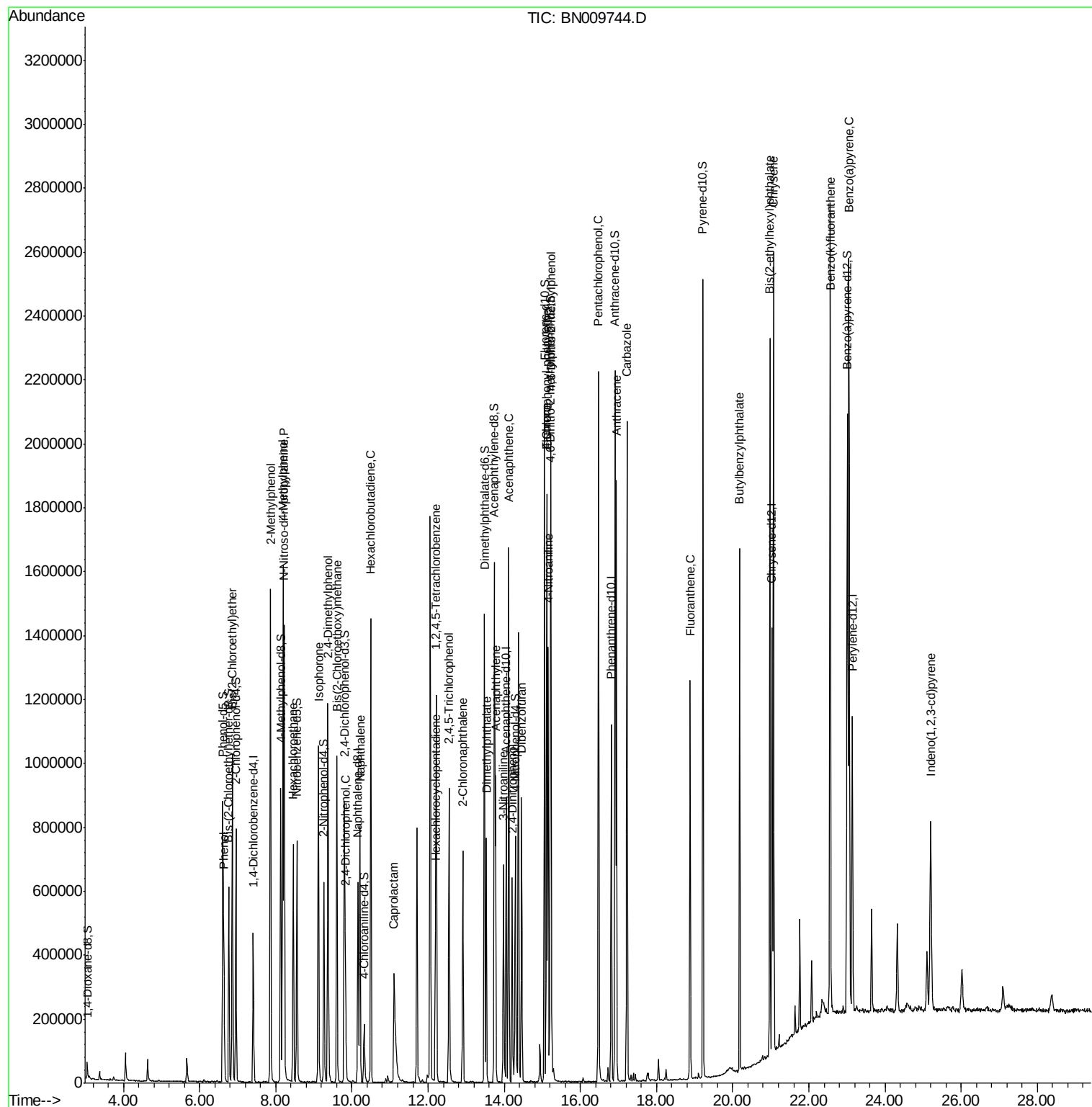
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Fluorene	15.11	166	169281	7.976	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.12	204	328640	31.397	ng/ul	94
61) 4-Nitroaniline	15.16	138	276008	58.208	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.23	198	286908	72.433	ng/ul	94
69) Pentachlorophenol	16.47	266	324112	85.577	ng/ul	93
72) Anthracene	16.95	178	1074806	31.124	ng/ul	98
75) Carbazole	17.22	167	1194904	39.293	ng/ul	98
77) Fluoranthene	18.88	202	729231	18.429	ng/ul	100
81) Butylbenzylphthalate	20.18	149	400861	23.249	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	20.97	149	577760	21.948	ng/ul	99
85) Chrysene	21.07	228	1196522	30.400	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	1459200	41.821	ng/ul	98
91) Benzo(a)pyrene	23.05	252	1389970	41.940	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.20	276	604983	15.375	ng/ul#	94

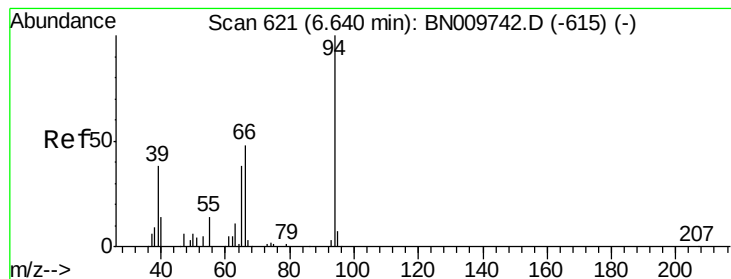
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
ClientSampled :
DBCX6

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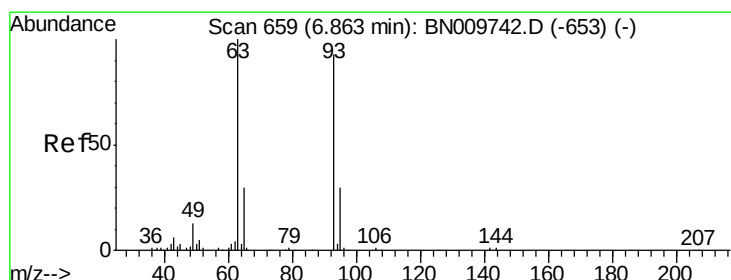
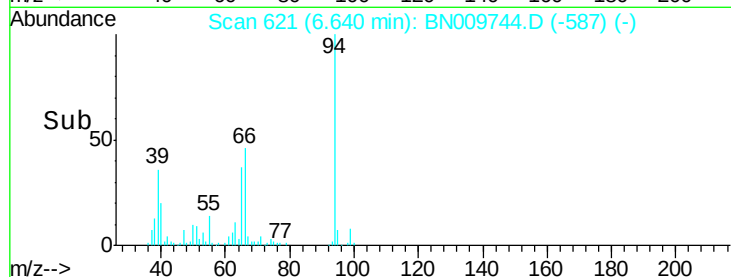
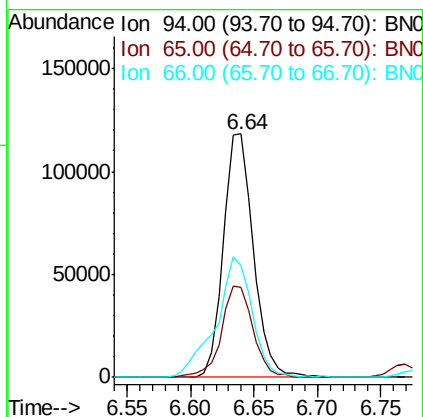
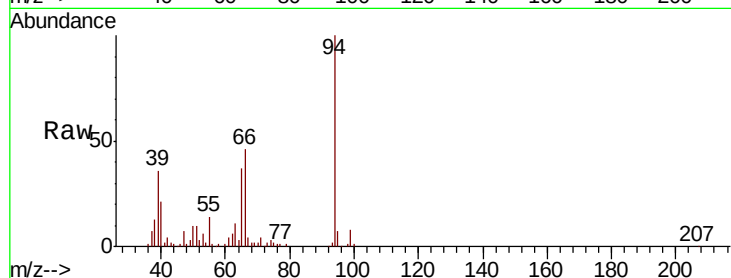
#6

Phenol

Concen: 19.669 ng/ul
 RT: 6.64 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

Instrument :
 BNA_N
 ClientSampleId :
 DBCX6

Tot Ion	Ratio	Lower	Upper
94	100		
65	37.1	27.6	41.4
66	46.0	38.5	57.7

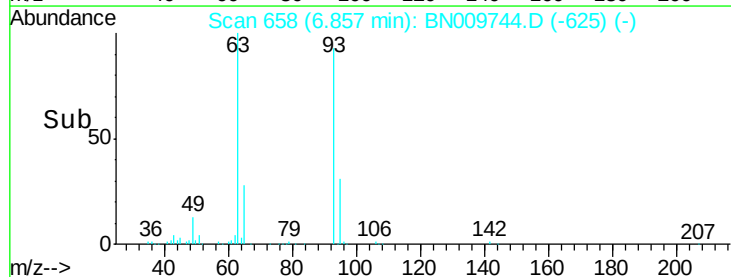
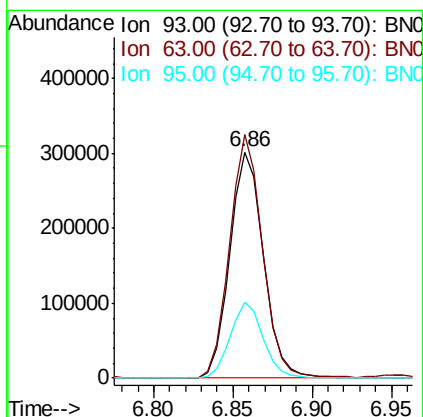
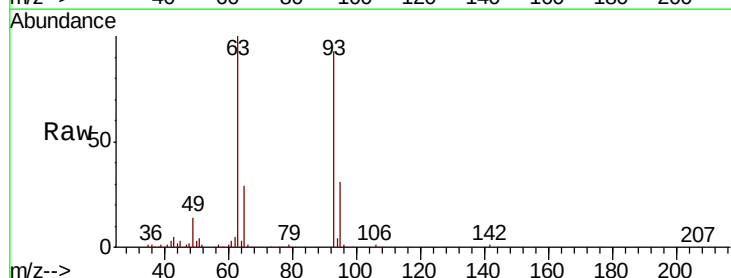


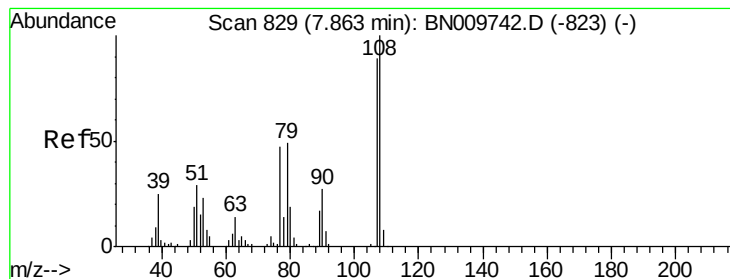
#8

Bis(2-Chloroethyl)ether

Concen: 57.102 ng/ul
 RT: 6.86 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

Tgt Ion	Ratio	Lower	Upper
93	100		
63	107.9	82.7	124.1
95	33.8	26.6	40.0





#11

2-Methylphenol

Concen: 59.462 ng/ul

RT: 7.86 min Scan# 829

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

BNA_N

ClientSampleId :

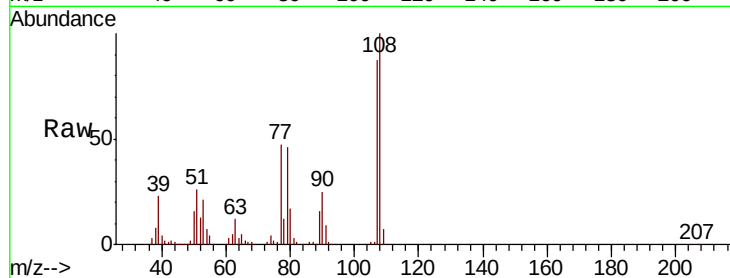
DBCX6

Tot Ion:108 Resp: 429373

Ion Ratio Lower Upper

108 100

107 87.3 72.3 108.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

7.86

300000

250000

200000

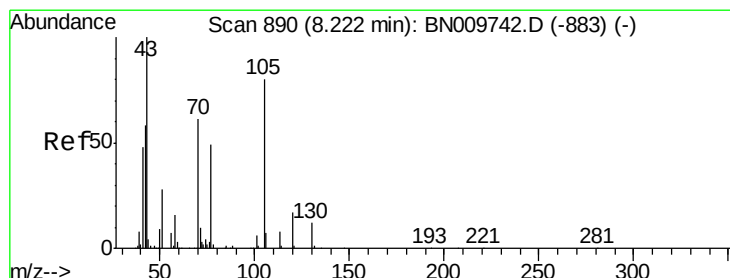
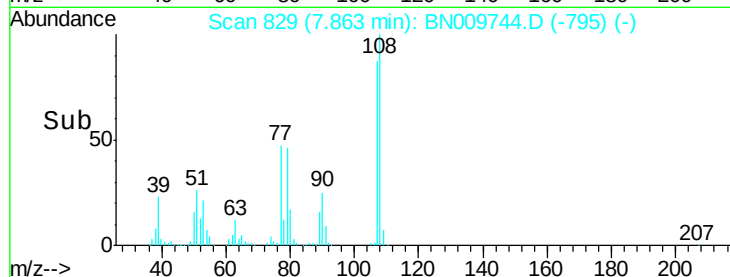
150000

100000

50000

0

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 63.363 ng/ul

RT: 8.22 min Scan# 890

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Tgt Ion: 70 Resp: 395177

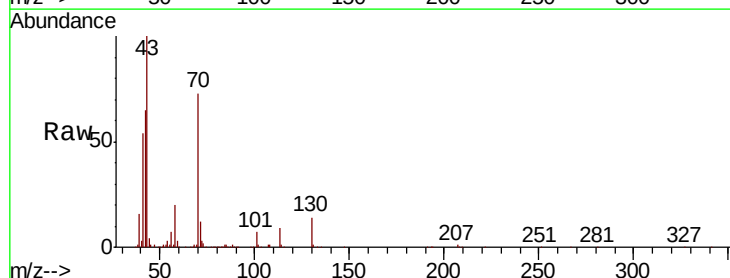
Ion Ratio Lower Upper

70 100

42 89.8 72.6 108.8

101 9.4 7.7 11.5

130 19.9 14.7 22.1



Abundance Ion 70.00 (69.70 to 70.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 101.00 (100.70 to 101.70): BNC

Ion 130.00 (129.70 to 130.70): BNC

8.22

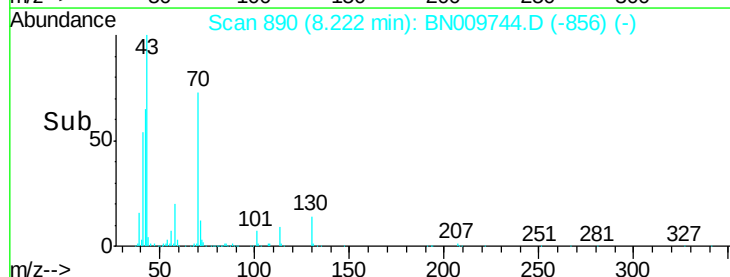
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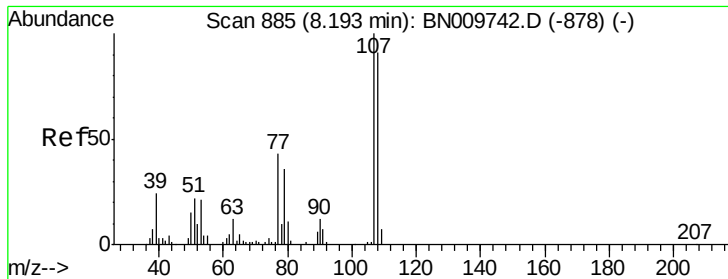
200000

100000

0

Time-->





#16

4-Methylphenol

Concen: 58.145 ng/ul

RT: 8.19 min Scan# 884

Delta R.T. -0.01 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

BNA_N

ClientSampleId :

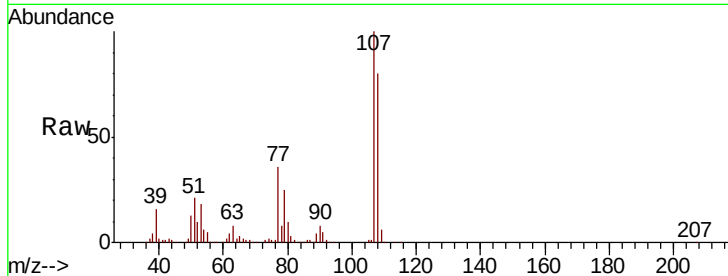
DBCX6

Tot Ion:108 Resp: 460698

Ion Ratio Lower Upper

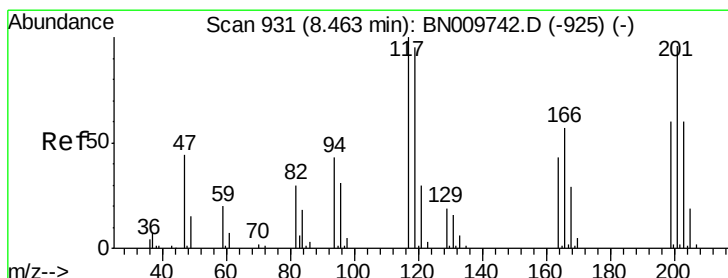
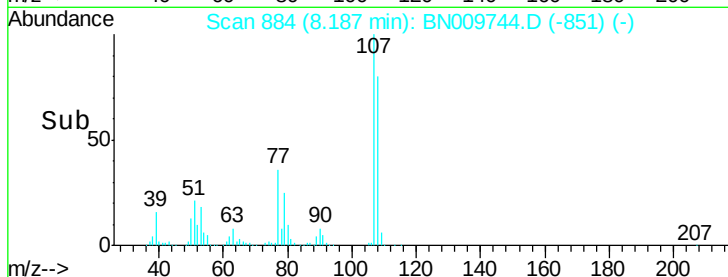
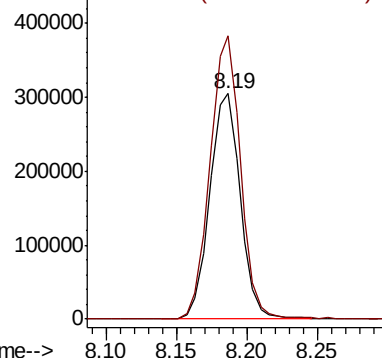
108 100

107 125.6 86.4 129.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 38.957 ng/ul

RT: 8.46 min Scan# 931

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

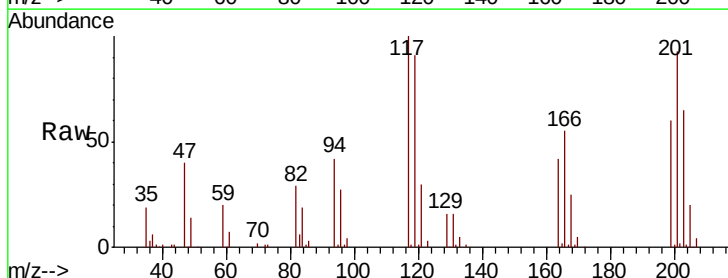
Tgt Ion:117 Resp: 129424

Ion Ratio Lower Upper

117 100

201 93.4 76.6 115.0

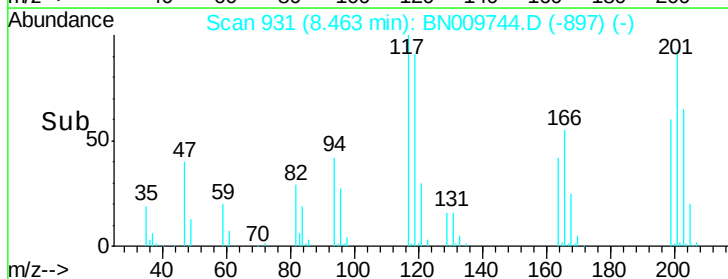
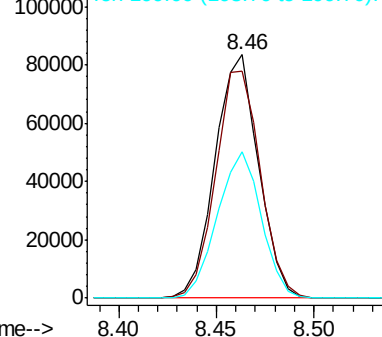
199 60.3 49.1 73.7

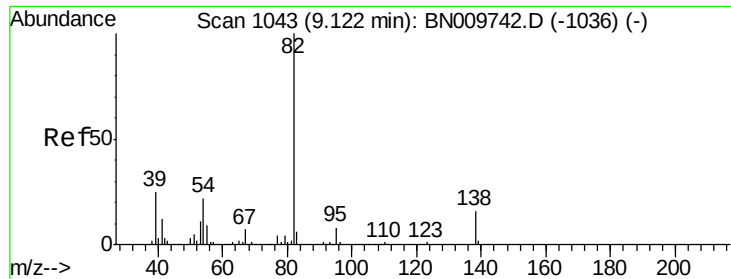


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#21

Isophorone

Concen: 38.509 ng/ul

RT: 9.12 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

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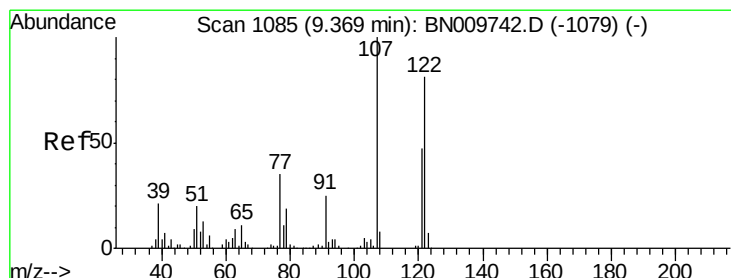
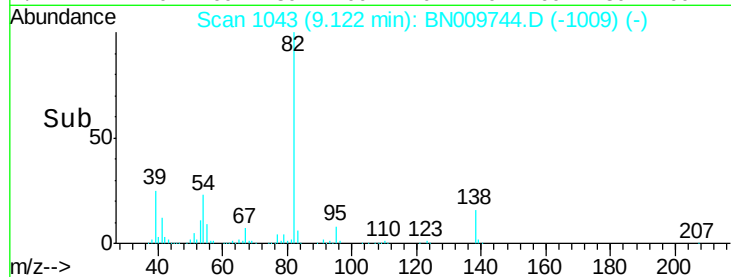
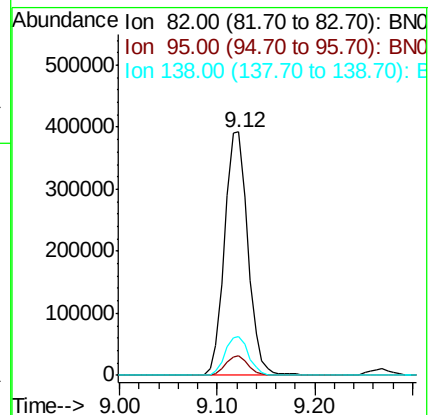
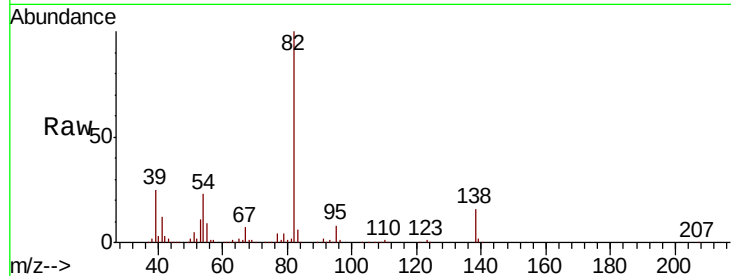
Tot Ion: 82 Resp: 651965

Ion Ratio Lower Upper

82 100

95 7.9 6.0 9.0

138 15.9 12.6 19.0



#24

2,4-Dimethylphenol

Concen: 41.042 ng/ul

RT: 9.37 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

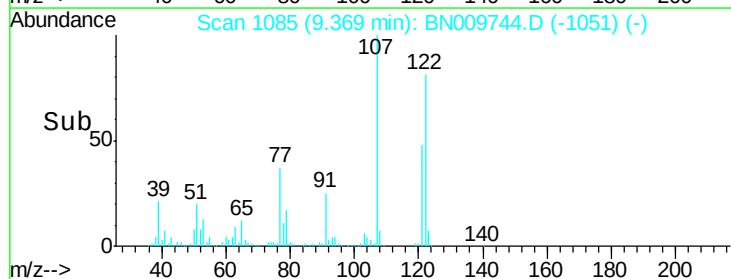
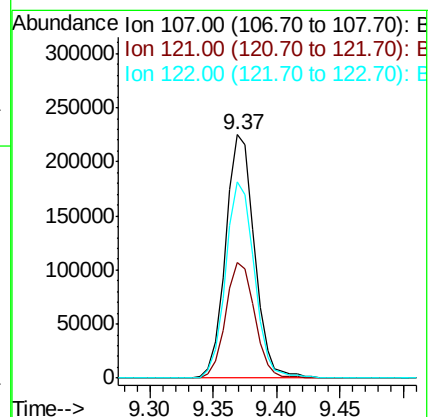
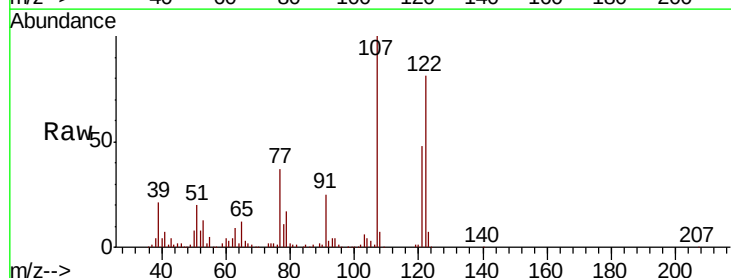
Tgt Ion: 107 Resp: 356111

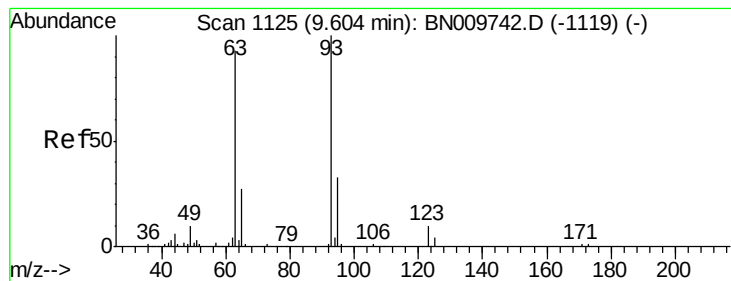
Ion Ratio Lower Upper

107 100

121 47.5 38.5 57.7

122 80.9 62.9 94.3





#25

Bis(2-Chloroethoxy)methane

Concen: 47.036 ng/ul

RT: 9.60 min Scan# 1125

Delta R.T. -0.00 min

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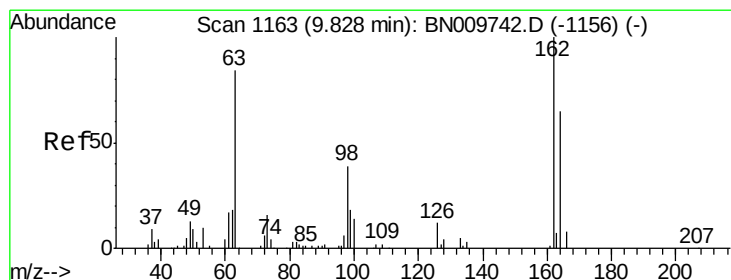
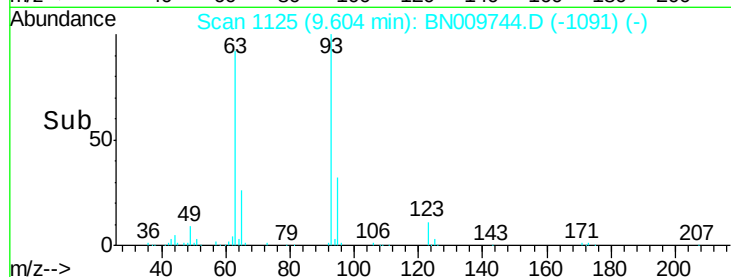
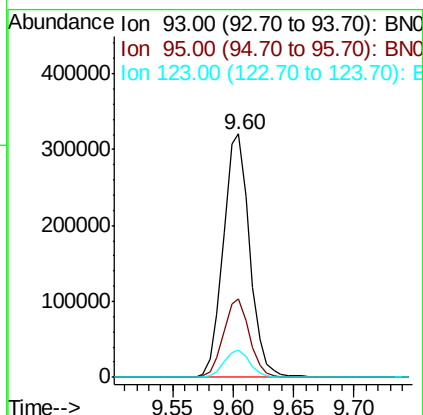
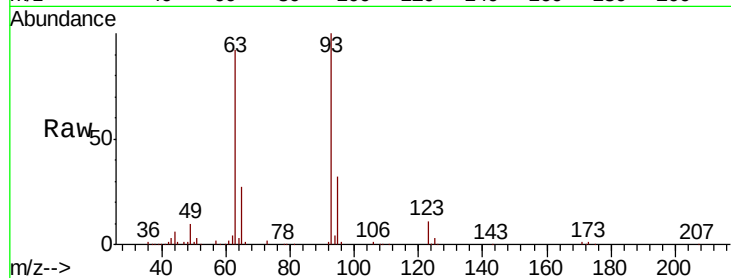
Tot Ion: 93 Resp: 486684

Ion Ratio Lower Upper

93 100

95 32.2 25.1 37.7

123 11.0 8.9 13.3



#27

2,4-Dichlorophenol

Concen: 16.320 ng/ul

RT: 9.83 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

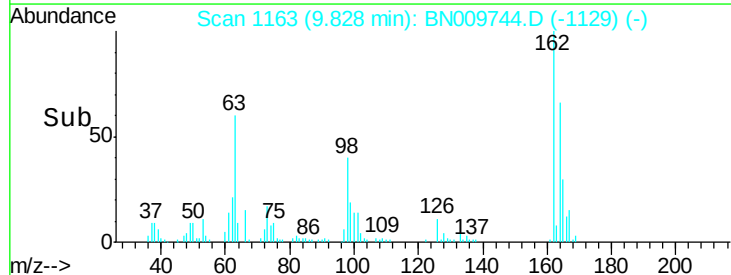
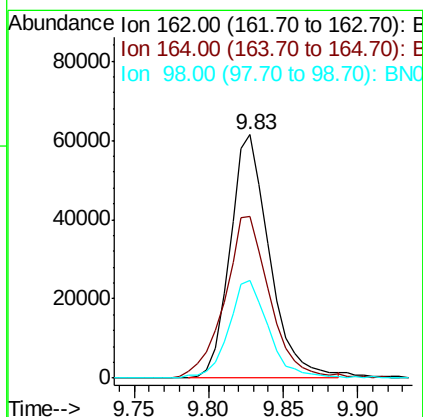
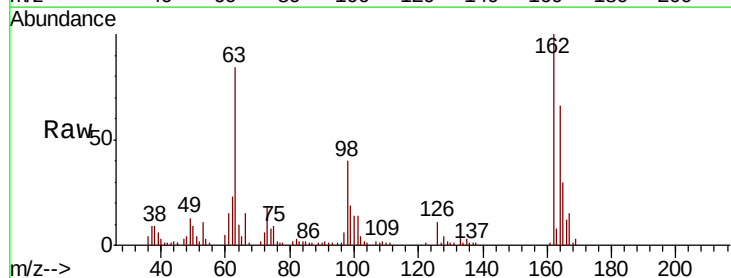
Tgt Ion: 162 Resp: 113048

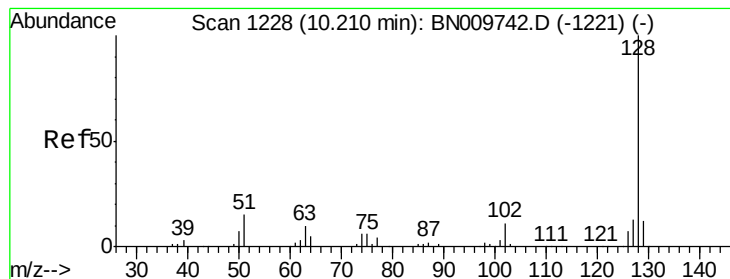
Ion Ratio Lower Upper

162 100

164 66.4 50.5 75.7

98 39.9 28.7 43.1





#28

Naphthalene

Concen: 23.202 ng/ul

RT: 10.21 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

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ClientSampleId :

DBCX6

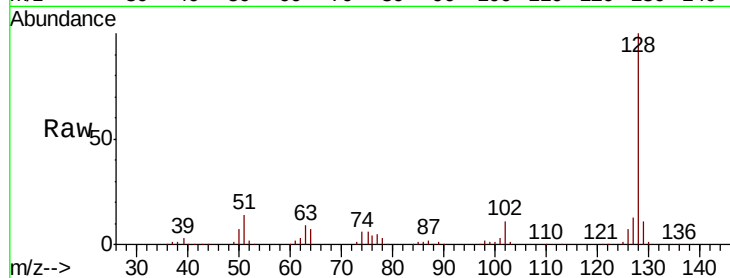
Tot Ion:128 Resp: 558331

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

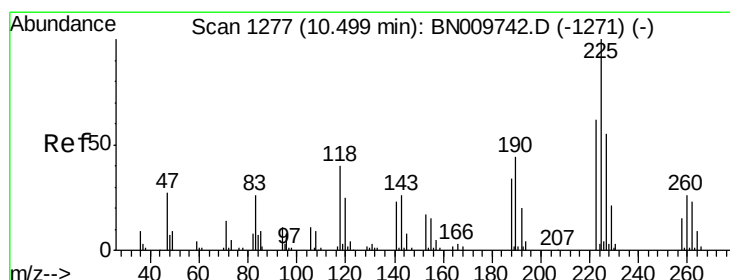
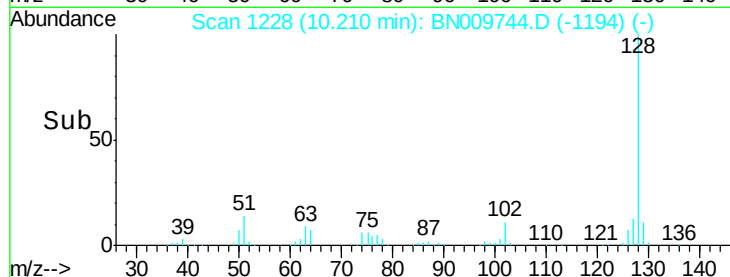
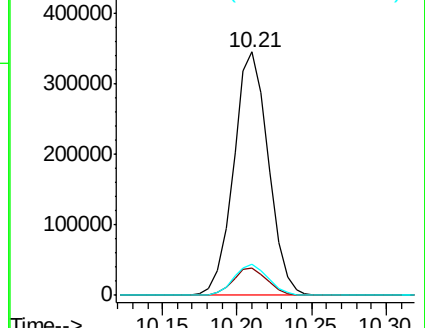
127 12.8 10.3 15.5



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



#31

Hexachlorobutadiene

Concen: 59.505 ng/ul

RT: 10.50 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

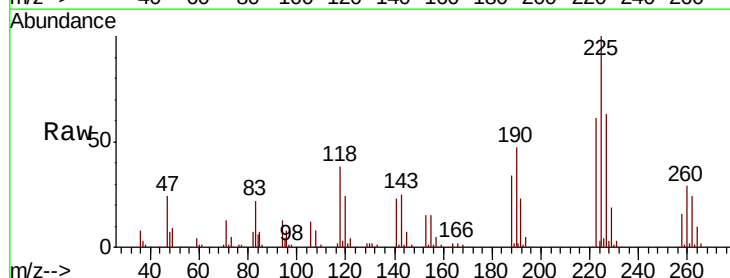
Tgt Ion:225 Resp: 275658

Ion Ratio Lower Upper

225 100

223 61.1 47.0 70.4

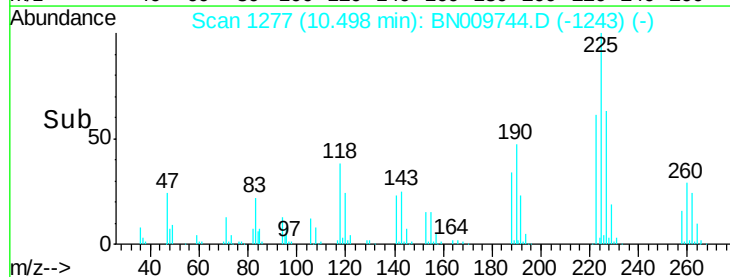
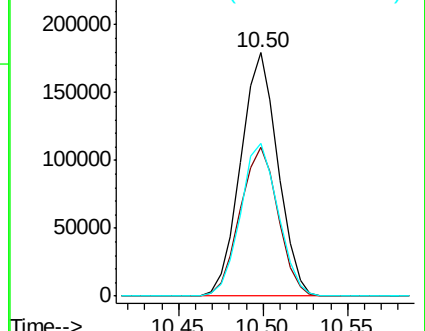
227 62.7 57.3 85.9

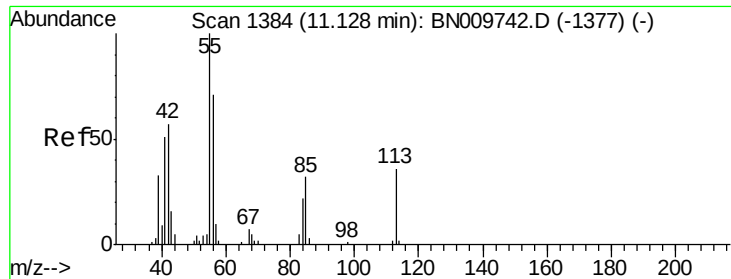


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 37.664 ng/ul

RT: 11.10 min Scan# 1380

Delta R.T. -0.02 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

BNA_N

ClientSampled :

DBCX6

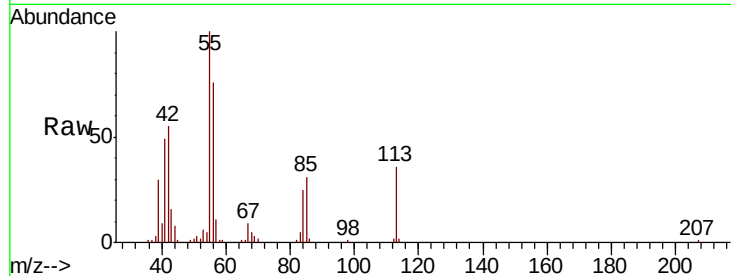
Tot Ion:113 Resp: 87496

Ion Ratio Lower Upper

113 100

55 275.7 209.1 313.7

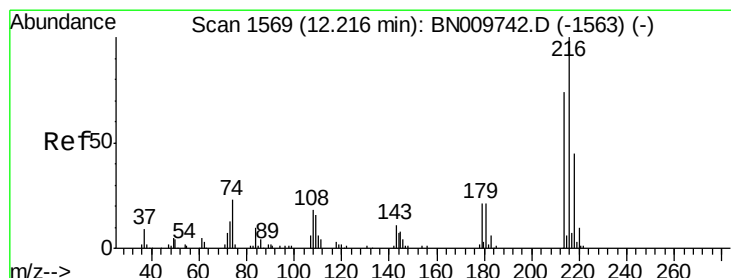
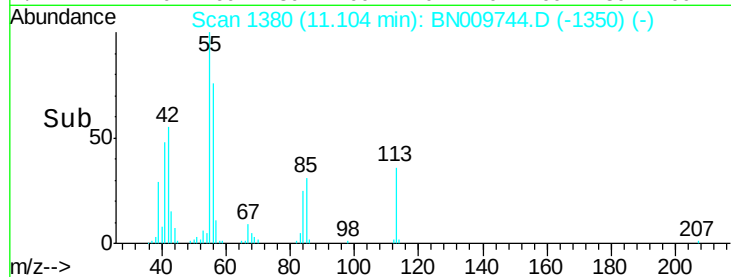
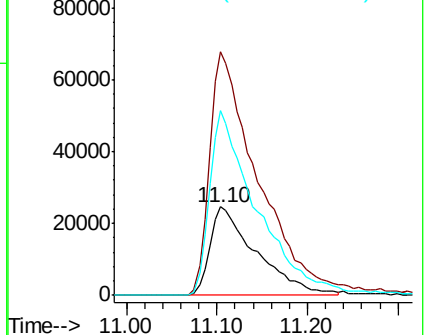
56 208.9 161.6 242.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#37

1,2,4,5-Tetrachlorobenzene

Concen: 39.974 ng/ul

RT: 12.22 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Tgt Ion:216 Resp: 327063

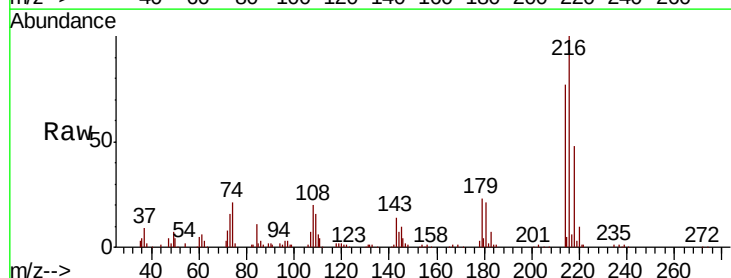
Ion Ratio Lower Upper

216 100

214 77.1 64.8 97.2

179 22.5 17.6 26.4

108 19.9 16.3 24.5

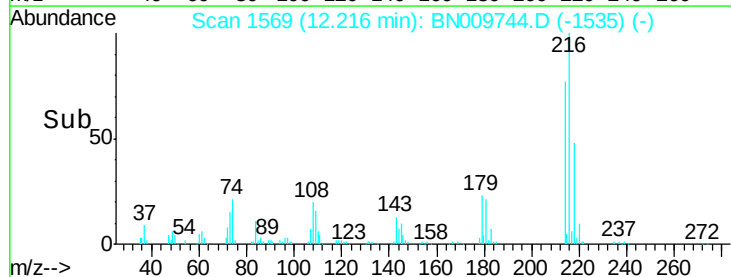
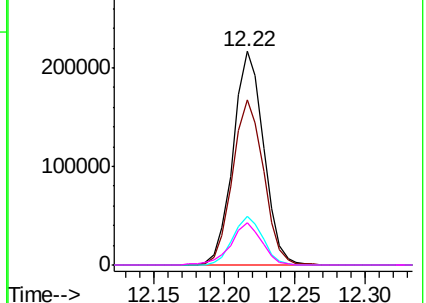


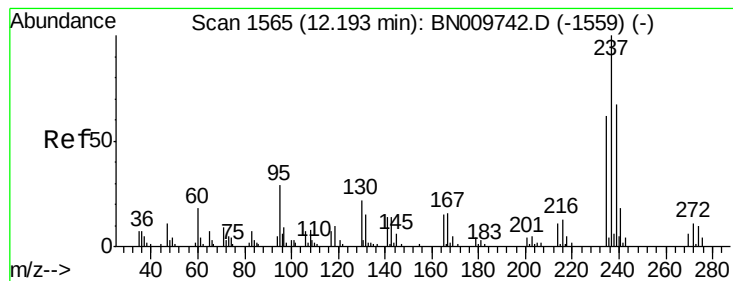
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#38

Hexachlorocyclopentadiene

Concen: 27.300 ng/ul

RT: 12.19 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

BNA_N

ClientSampleId :

DBCX6

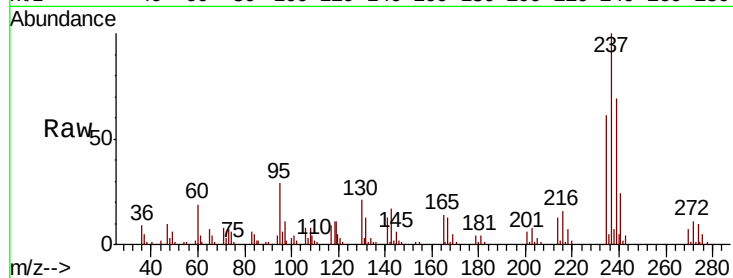
Tot Ion:237 Resp: 96642

Ion Ratio Lower Upper

237 100

235 61.1 48.3 72.5

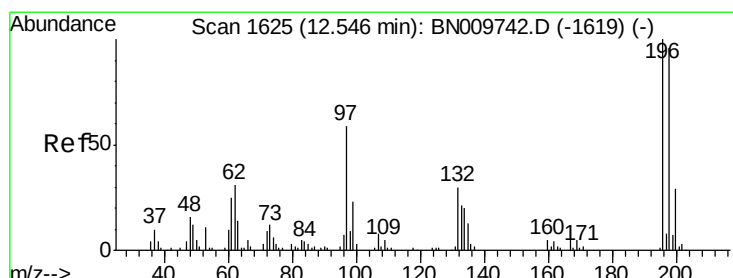
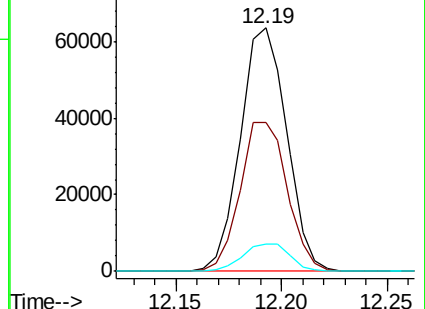
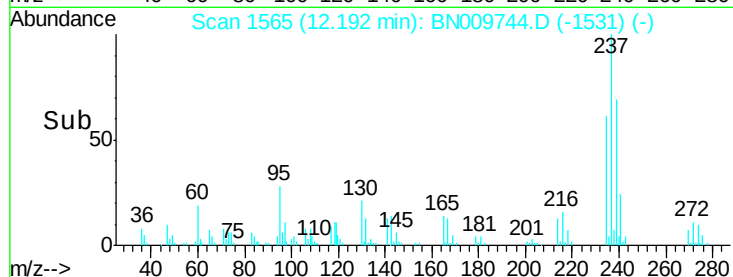
272 11.4 9.6 14.4



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#40

2,4,5-Trichlorophenol

Concen: 41.349 ng/ul

RT: 12.55 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

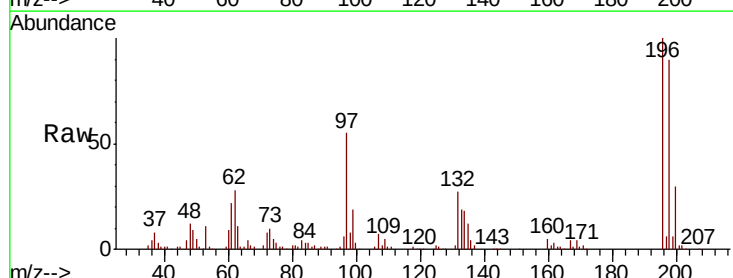
Tgt Ion:196 Resp: 230351

Ion Ratio Lower Upper

196 100

198 90.3 75.0 112.6

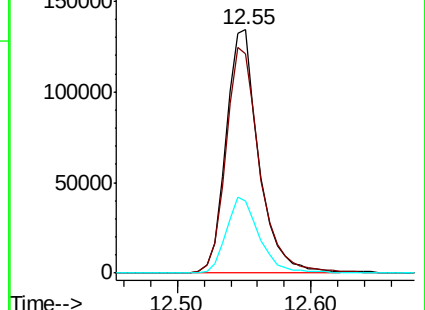
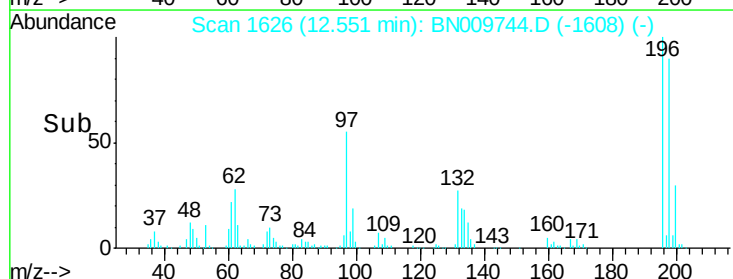
200 29.8 24.2 36.4

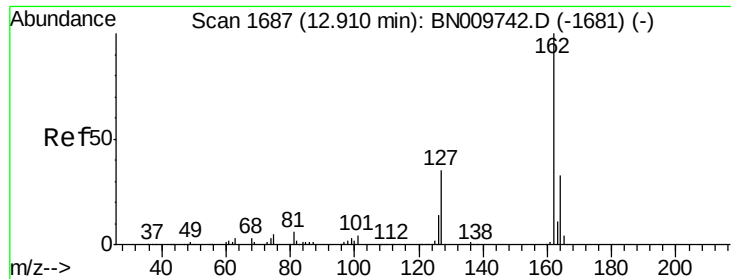


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

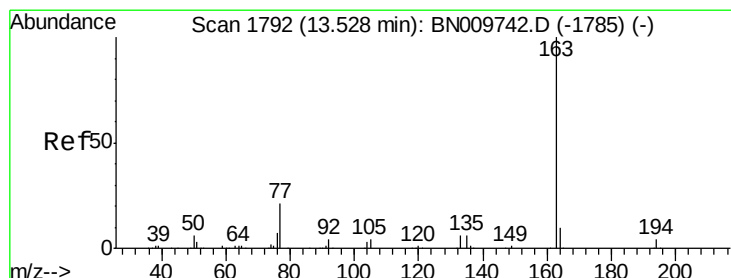
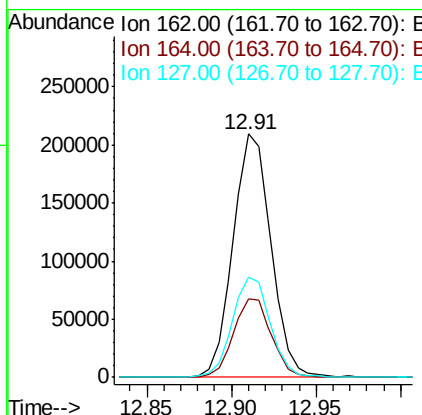
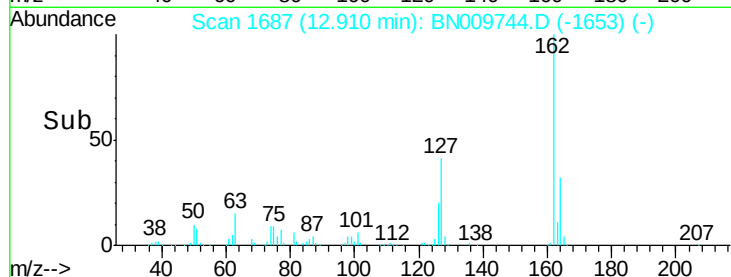
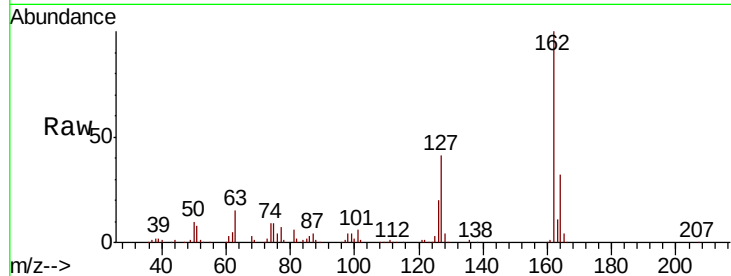




#42
2-Chloronaphthalene
Concen: 19.457 ng/ul
RT: 12.91 min Scan# 1687
Delta R.T. -0.00 min
Lab File: BN009744.D
Acq: 18 Feb 2020 15:18

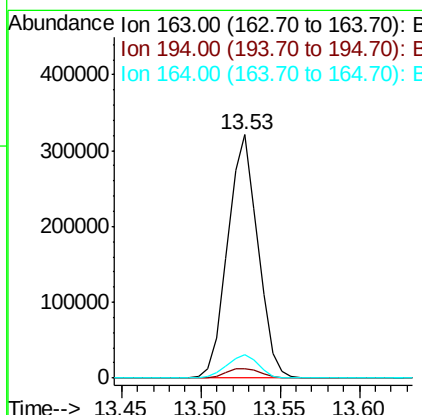
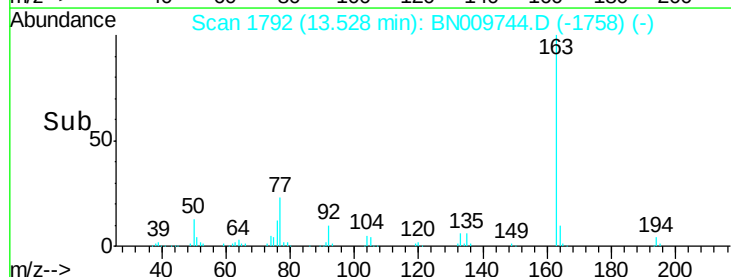
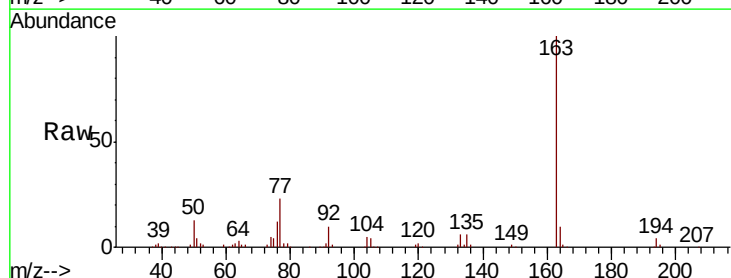
Instrument :
BNA_N
ClientSampleId :
DBCX6

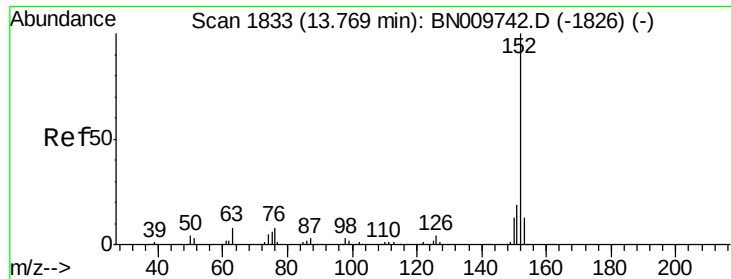
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.2	25.7	38.5
127	41.4	31.4	47.2



#45
Dimethylphthalate
Concen: 19.667 ng/ul
RT: 13.53 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BN009744.D
Acq: 18 Feb 2020 15:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	9.7	8.0	12.0





#48

Acenaphthylene

Concen: 22.496 ng/ul

RT: 13.77 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

BNA_N

ClientSampled :

DBCX6

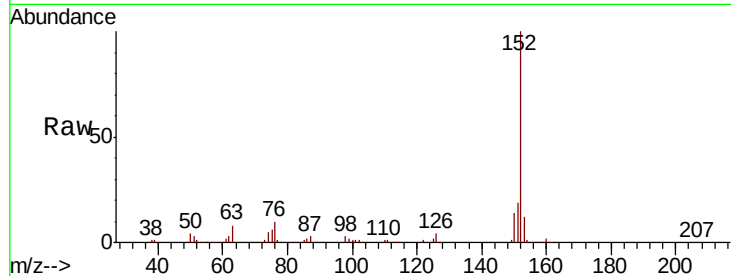
Tot Ion:152 Resp: 591256

Ion Ratio Lower Upper

152 100

151 19.2 15.7 23.5

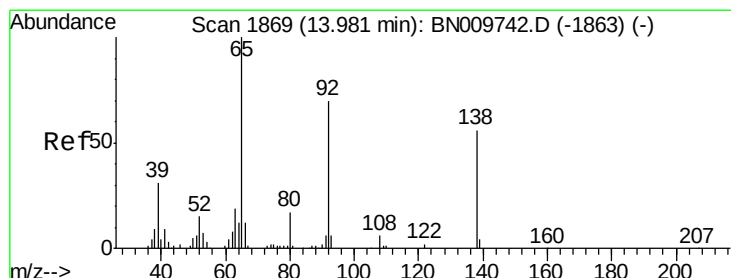
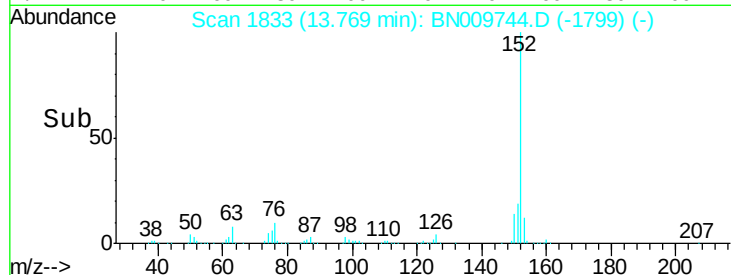
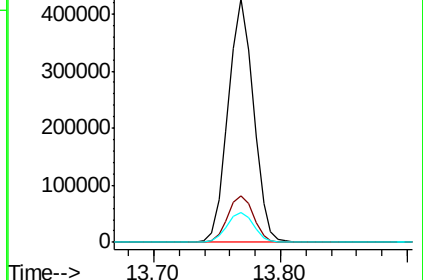
153 12.4 10.3 15.5



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



#49

3-Nitroaniline

Concen: 32.468 ng/ul

RT: 13.97 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

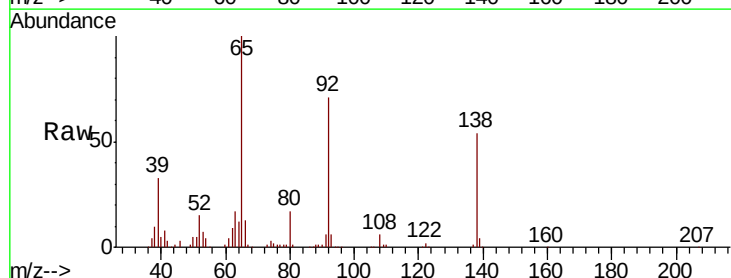
Tgt Ion:138 Resp: 126250

Ion Ratio Lower Upper

138 100

108 11.5 8.9 13.3

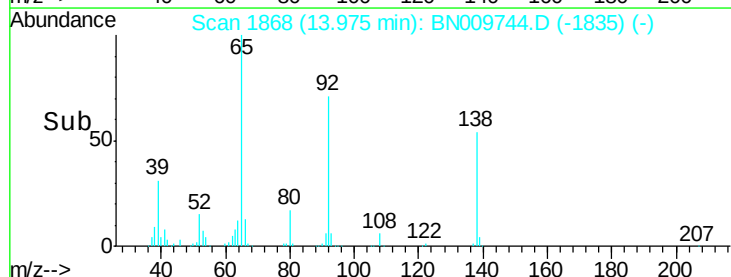
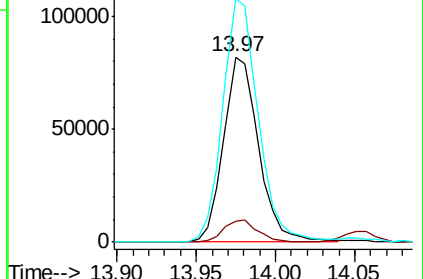
92 131.6 99.2 148.8

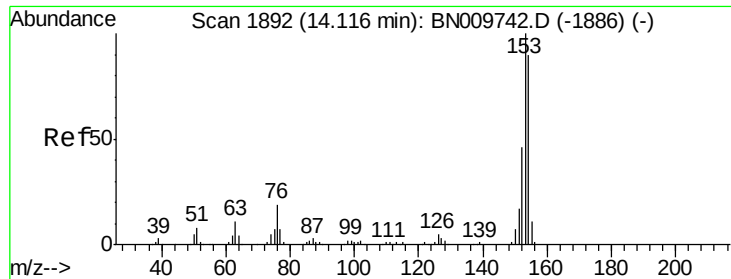


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#50

Acenaphthene

Concen: 33.588 ng/ul

RT: 14.12 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

BNA_N

ClientSampleId :

DBCX6

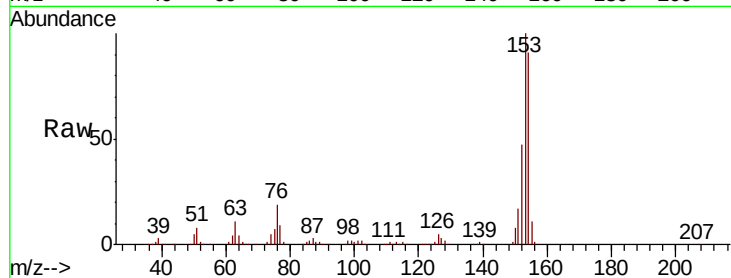
Tot Ion:153 Resp: 605172

Ion Ratio Lower Upper

153 100

152 46.9 36.6 54.8

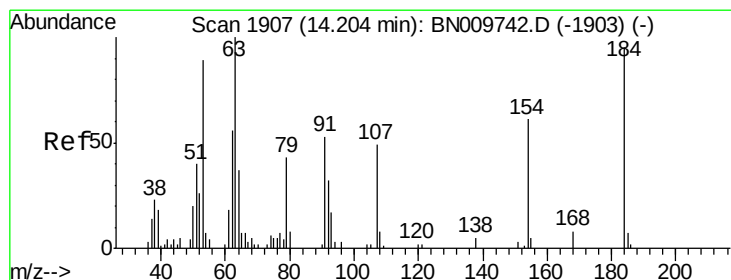
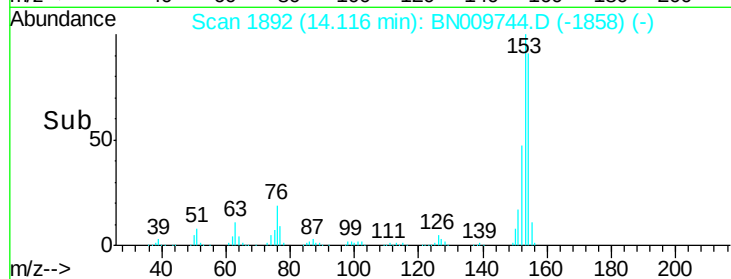
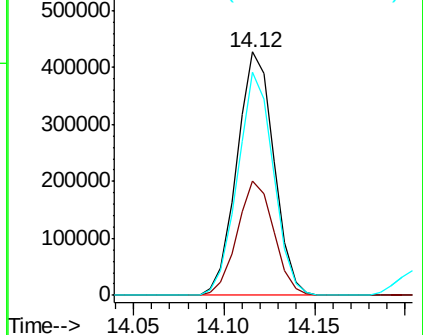
154 91.4 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#51

2,4-Dinitrophenol

Concen: 49.425 ng/ul

RT: 14.20 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

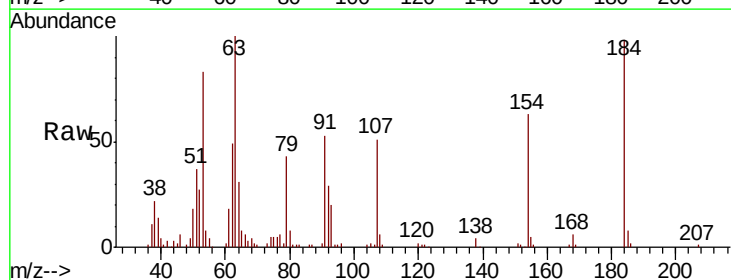
Tgt Ion:184 Resp: 119508

Ion Ratio Lower Upper

184 100

63 102.5 83.0 124.6

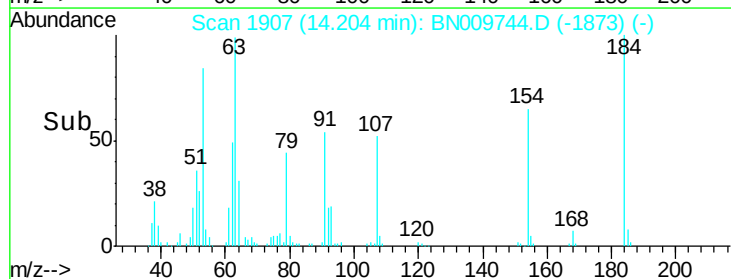
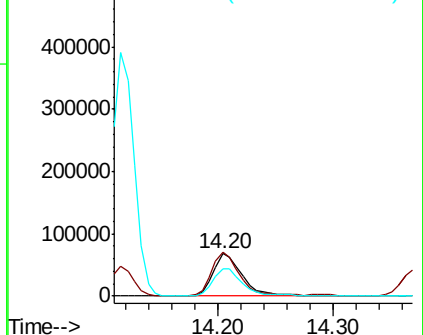
154 64.6 54.9 82.3

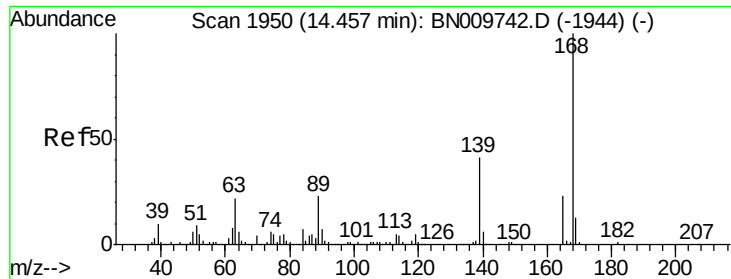


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzo(f,h)quinoxaline

Concen: 19.589 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

BNA_N

ClientSampleId :

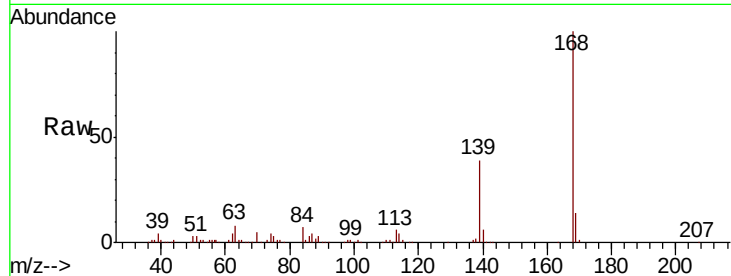
DBCX6

Tot Ion:168 Resp: 495386

Ion Ratio Lower Upper

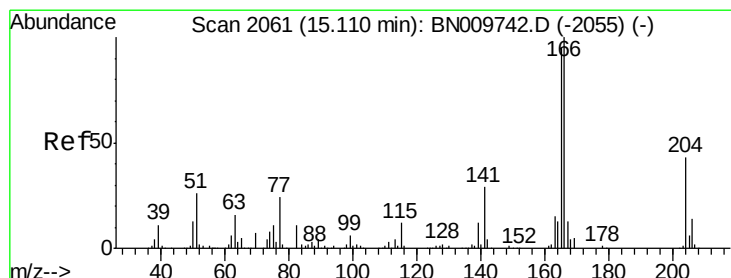
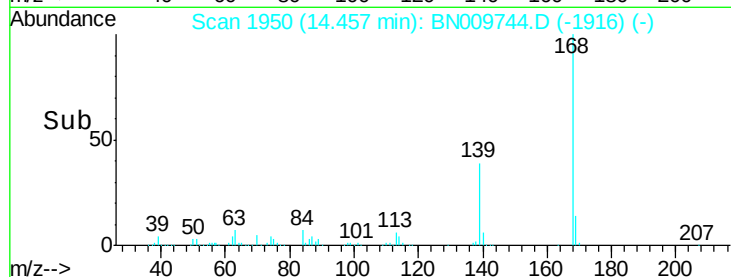
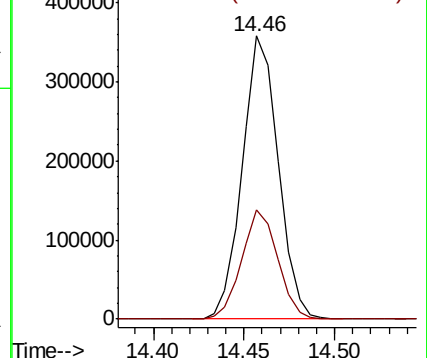
168 100

139 38.7 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 7.976 ng/ul

RT: 15.11 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

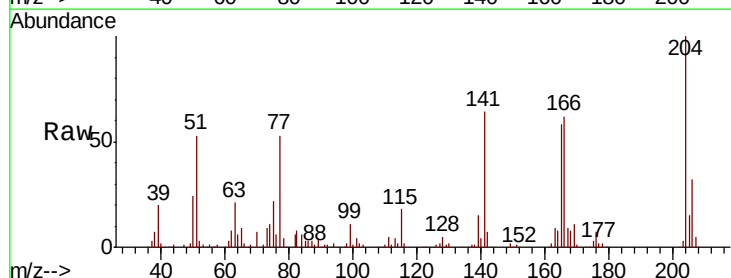
Tgt Ion:166 Resp: 169281

Ion Ratio Lower Upper

166 100

165 93.1 79.8 119.8

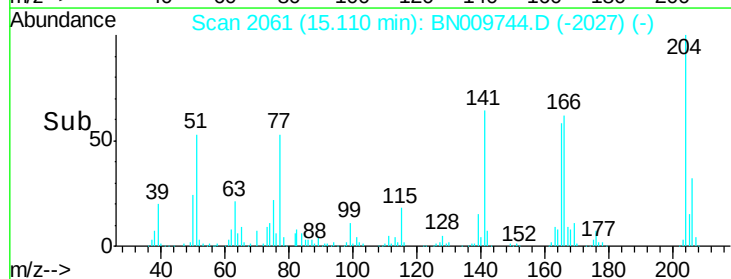
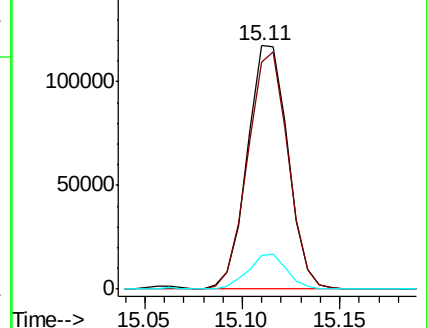
167 14.0 10.7 16.1

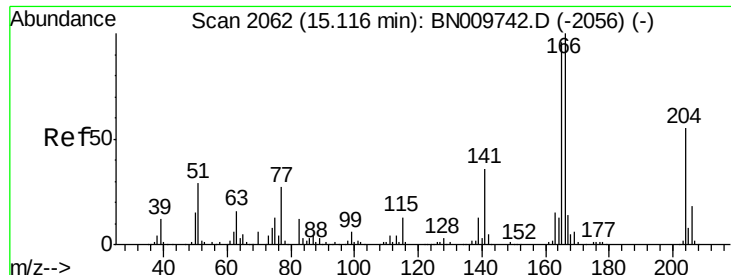


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

4-Chlorophenyl-phenylether

Concen: 31.397 ng/ul

RT: 15.12 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

BNA_N

ClientSampled :

DBCX6

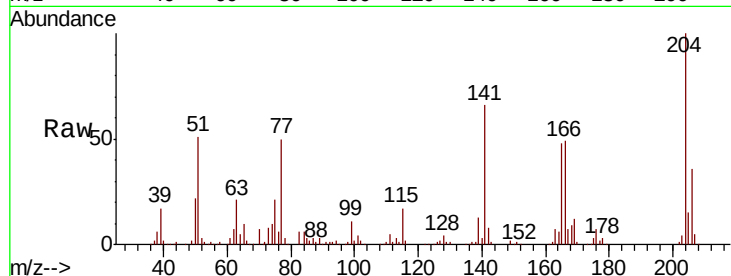
Tot Ion:204 Resp: 328640

Ion Ratio Lower Upper

204 100

206 35.8 26.5 39.7

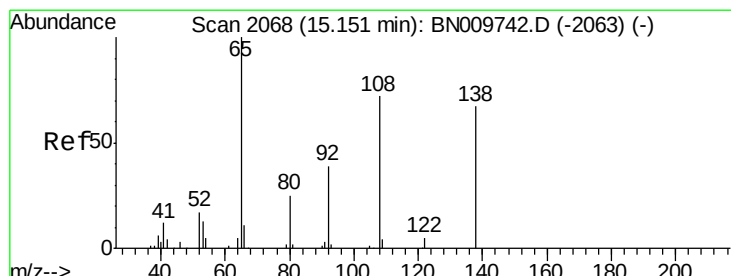
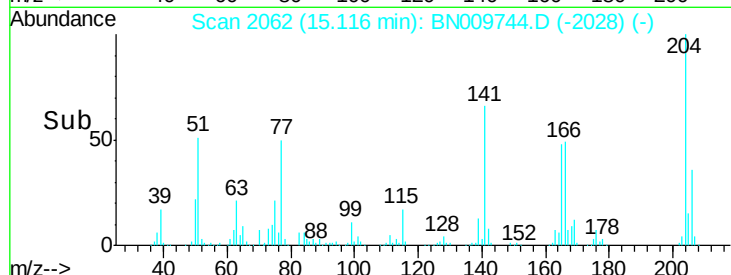
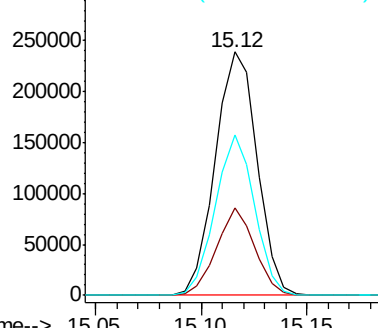
141 66.1 48.8 73.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 58.208 ng/ul

RT: 15.16 min Scan# 2069

Delta R.T. 0.01 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

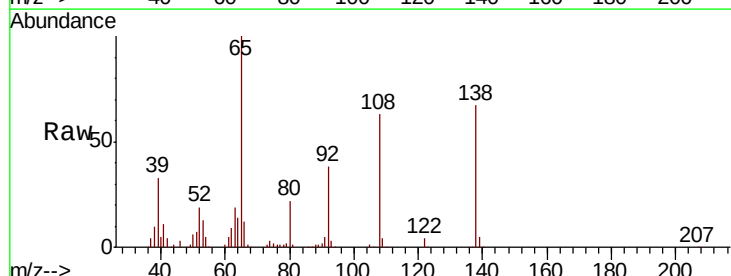
Tgt Ion:138 Resp: 276008

Ion Ratio Lower Upper

138 100

92 56.7 47.8 71.6

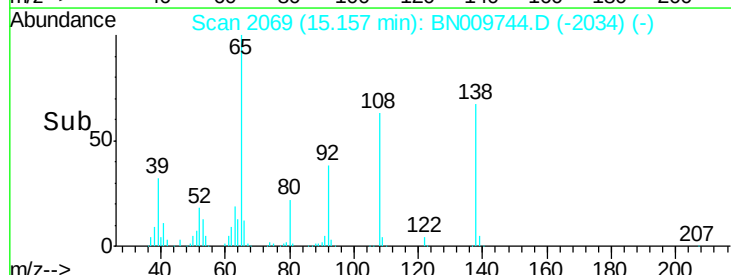
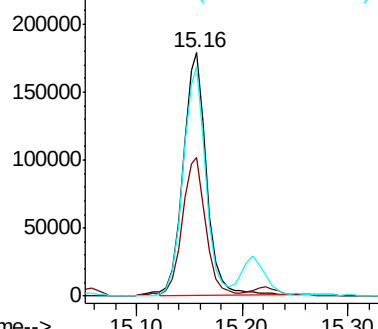
108 94.1 72.3 108.5

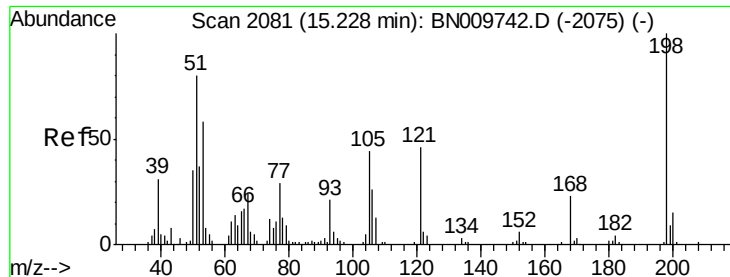


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E

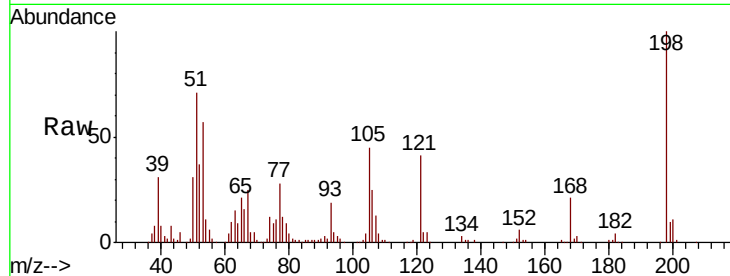




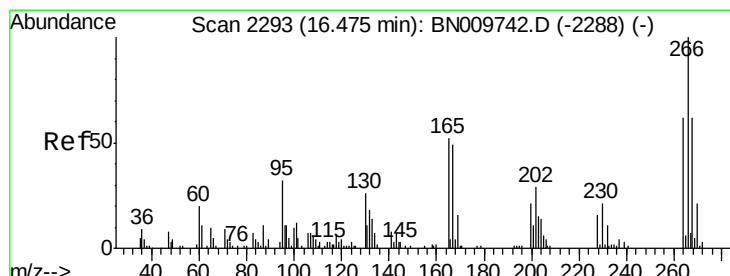
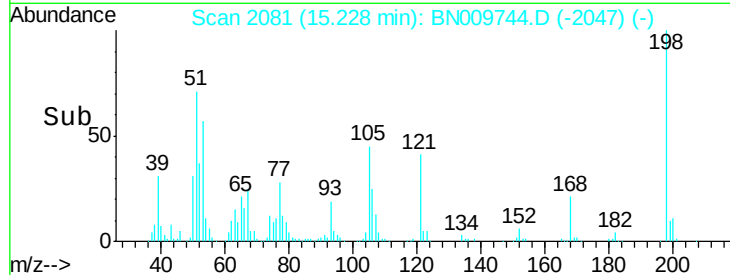
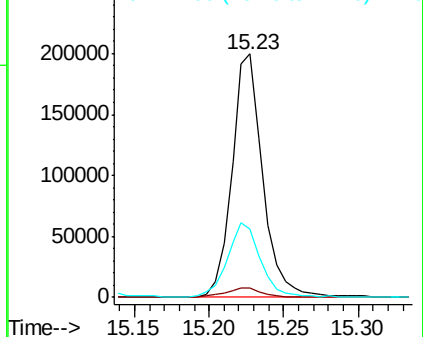
#64
 4,6-Dinitro-2-methylphenol
 Concen: 72.433 ng/ul
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

Instrument :
 BNA_N
 ClientSampled :
 DBCX6

Tot Ion	Ratio	Lower	Upper
198	100		
182	3.7	3.7	5.5
77	28.1	25.1	37.7

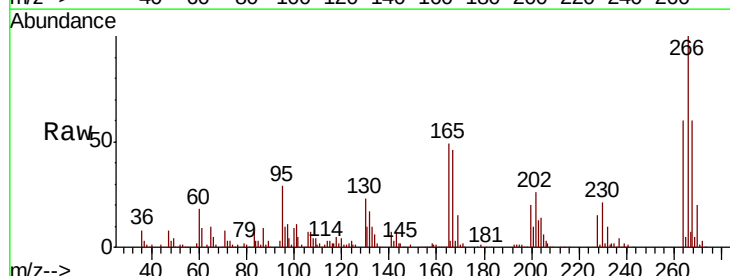


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNC

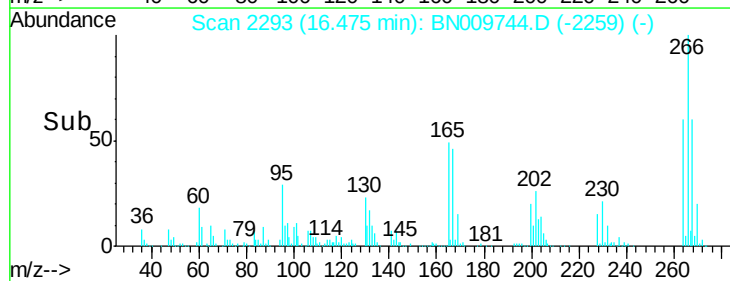
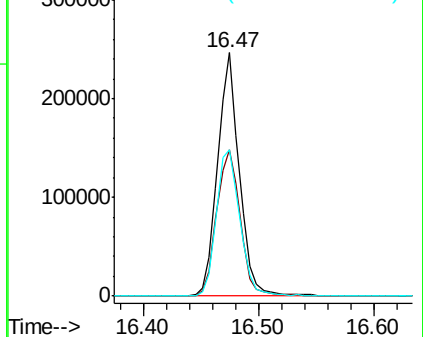


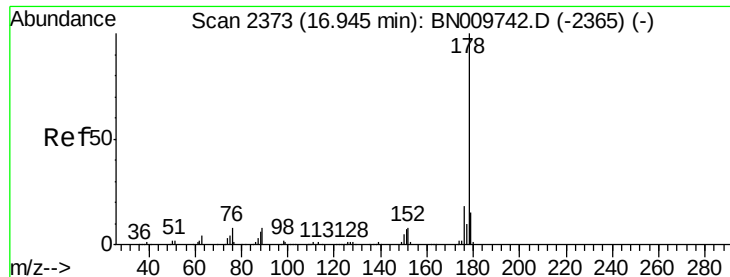
#69
 Pentachlorophenol
 Concen: 85.577 ng/ul
 RT: 16.47 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	59.9	52.9	79.3
268	60.2	52.5	78.7



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E





#72

Anthracene

Concen: 31.124 ng/ul

RT: 16.95 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

BNA_N

ClientSampleId :

DBCX6

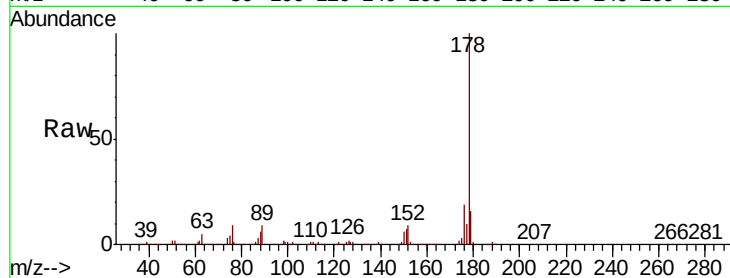
Tot Ion:178 Resp: 1074806

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.2

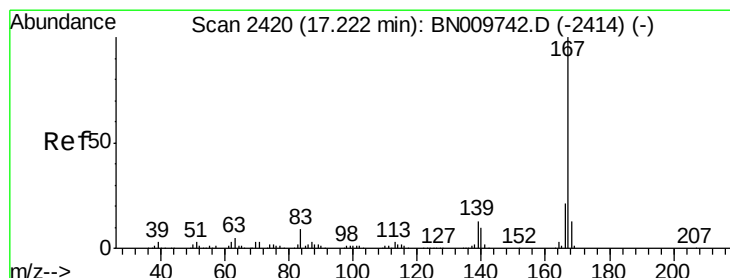
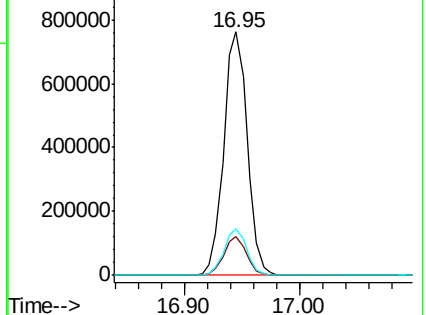
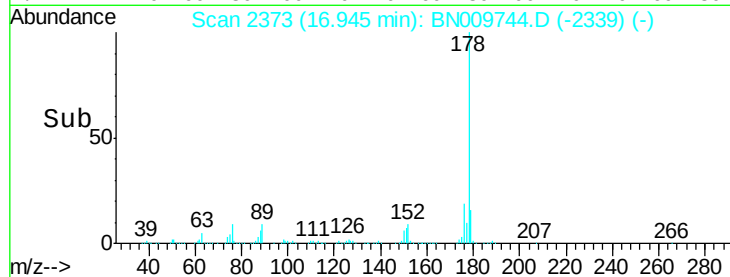
176 19.0 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 39.293 ng/ul

RT: 17.22 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

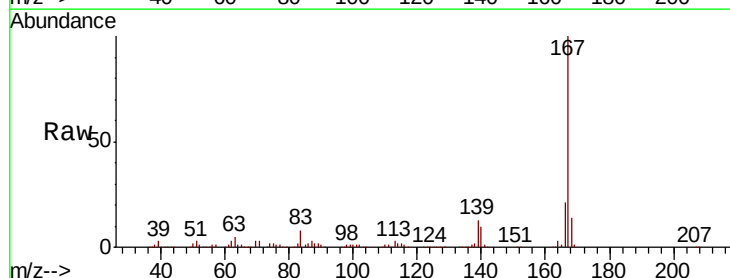
Tgt Ion:167 Resp: 1194904

Ion Ratio Lower Upper

167 100

166 21.4 16.6 24.8

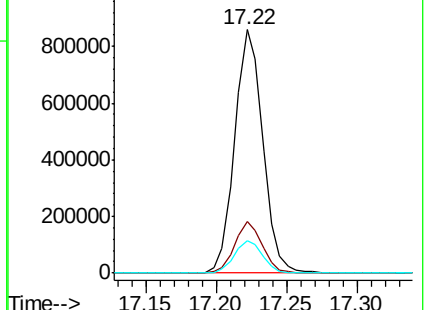
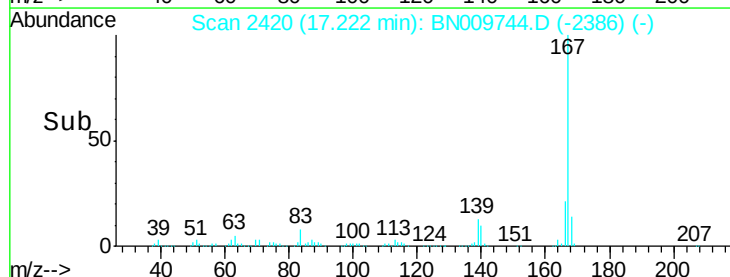
139 13.1 9.9 14.9

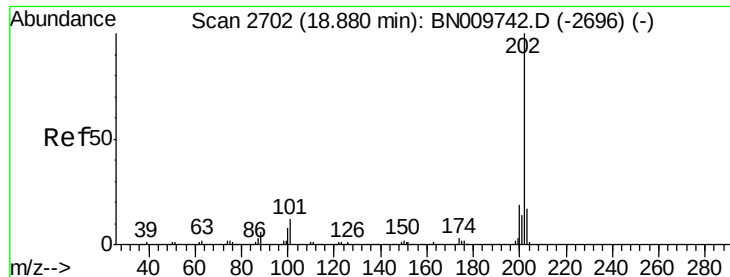


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 18.429 ng/ul

RT: 18.88 min Scan# 2702

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

BNA_N

ClientSampleId :

DBCX6

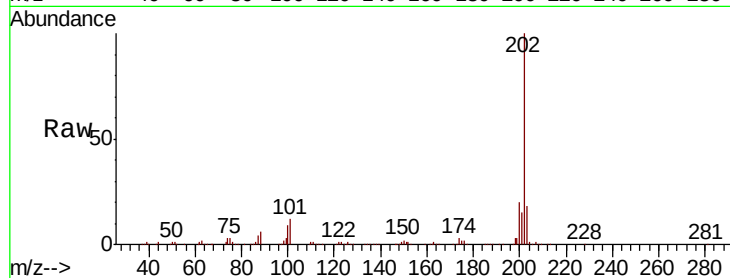
Tot Ion:202 Resp: 729231

Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.2

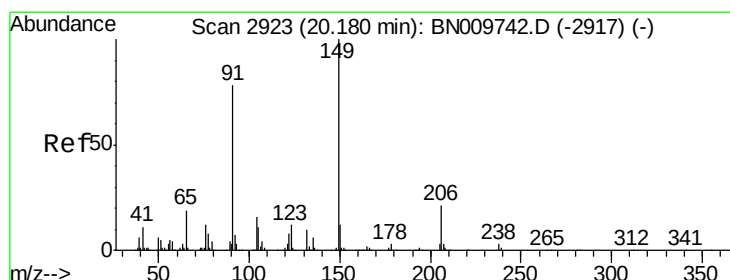
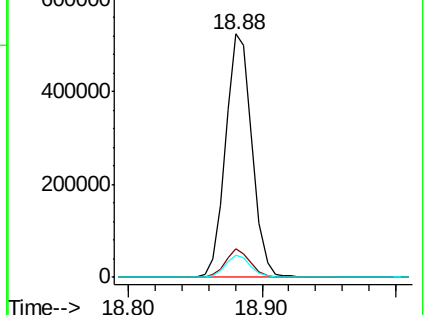
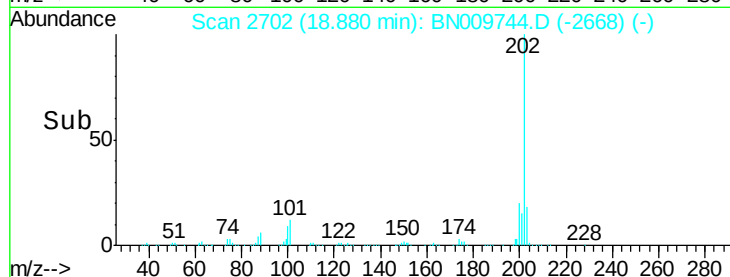
100 9.0 7.2 10.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Butylbenzylphthalate

Concen: 23.249 ng/ul

RT: 20.18 min Scan# 2923

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

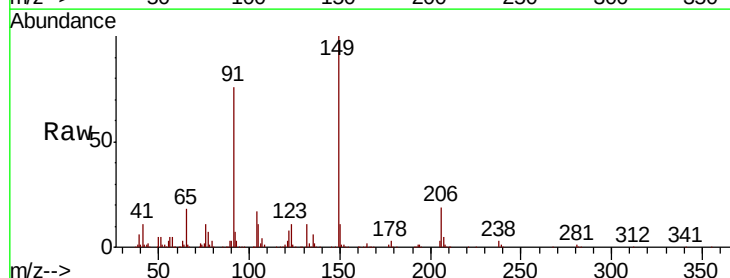
Tgt Ion:149 Resp: 400861

Ion Ratio Lower Upper

149 100

91 75.9 65.5 98.3

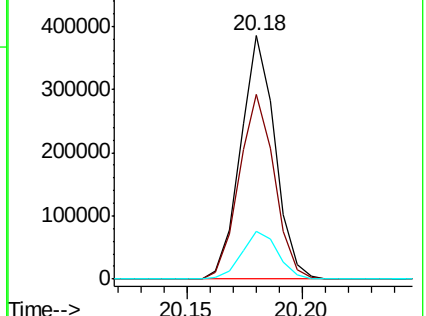
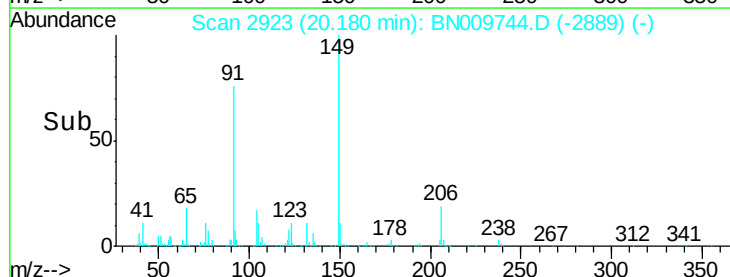
206 19.5 15.9 23.9

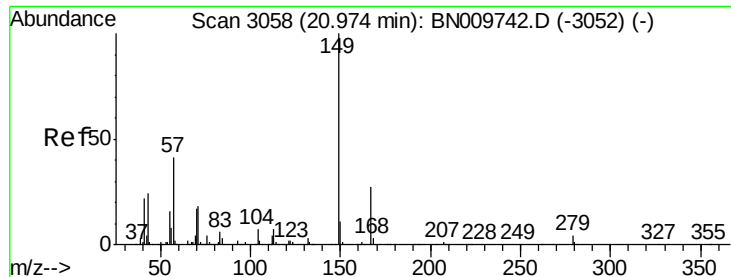


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 21.948 ng/ul

RT: 20.97 min Scan# 3058

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

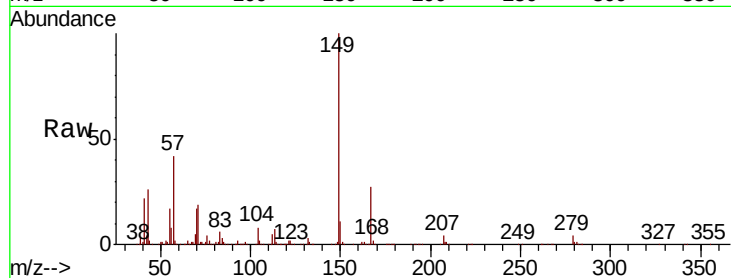
BNA_N

ClientSampleId :

DBCX6

Tot Ion:149 Resp: 577760

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.0	31.6
279	4.0	3.0	4.6

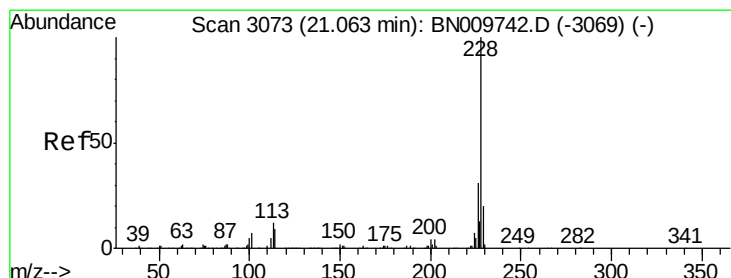
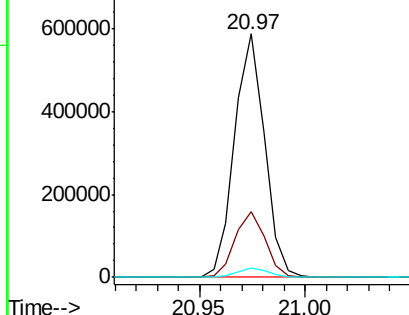
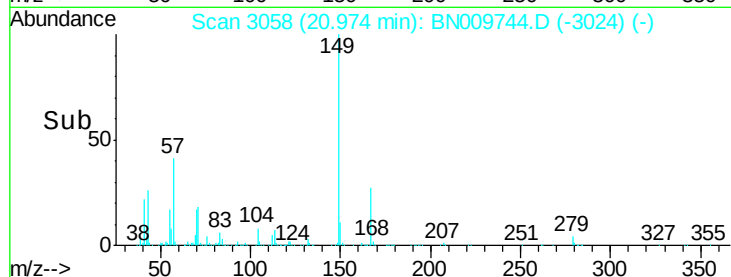


Abundance

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



#85

Chrysene

Concen: 30.400 ng/ul

RT: 21.07 min Scan# 3074

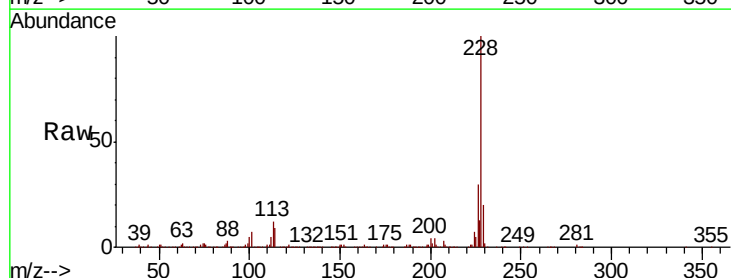
Delta R.T. 0.01 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Tgt Ion:228 Resp: 1196522

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	19.6	15.0	22.4

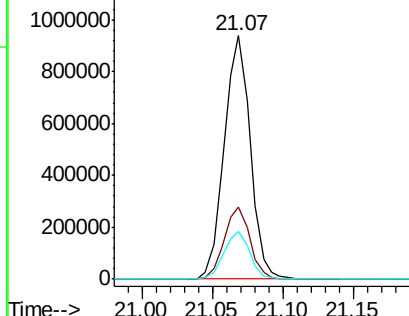
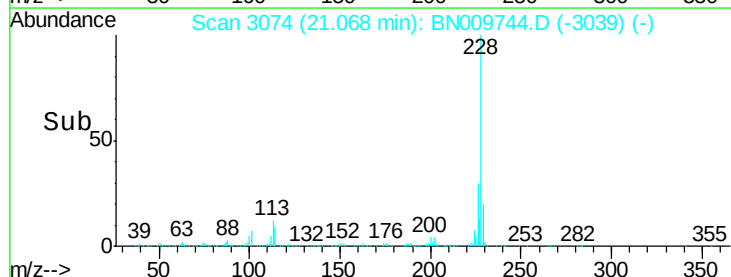


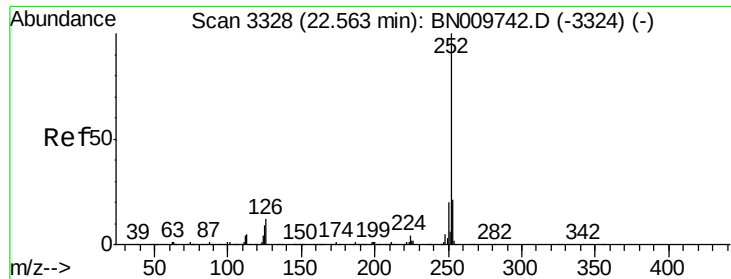
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 41.821 ng/ul

RT: 22.56 min Scan# 3328

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

BNA_N

ClientSampled :

DBCX6

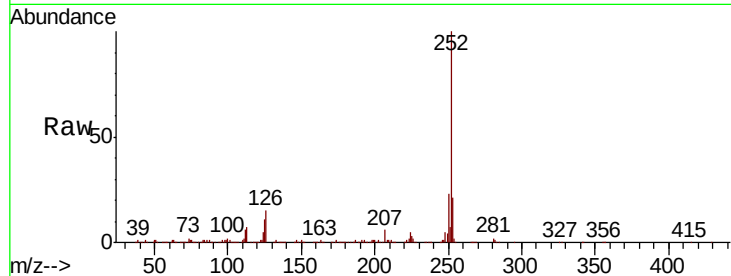
Tot Ion:252 Resp: 1459200

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

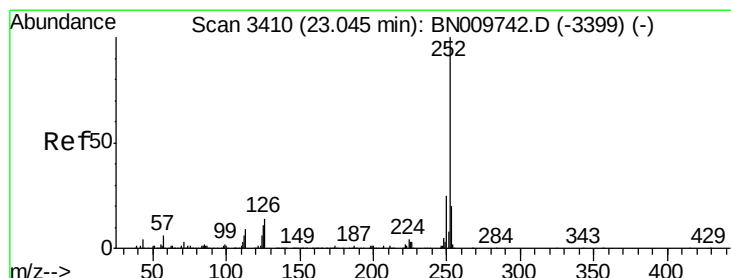
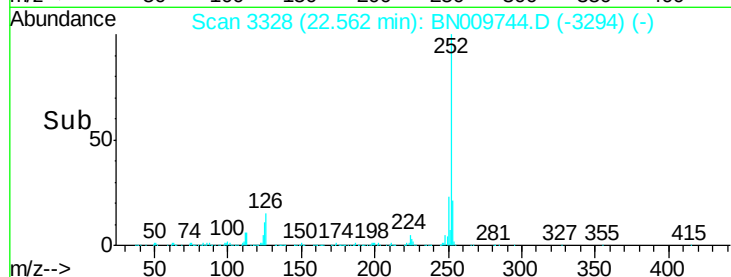
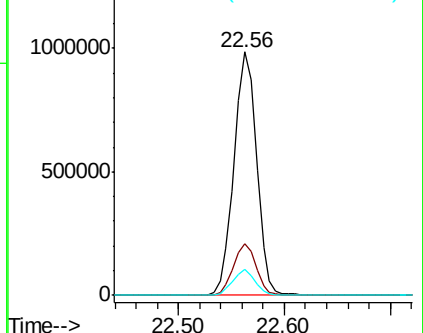
125 10.9 8.2 12.2



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



#91

Benzo(a)pyrene

Concen: 41.940 ng/ul

RT: 23.05 min Scan# 3411

Delta R.T. 0.01 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

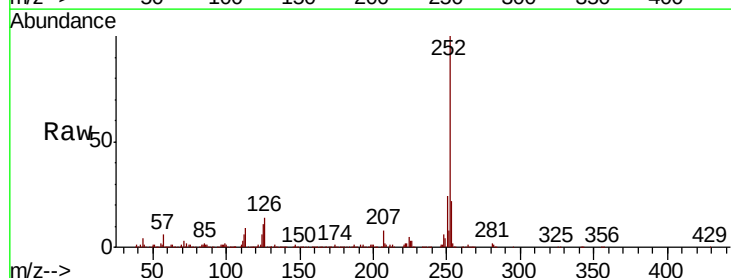
Tgt Ion:252 Resp: 1389970

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

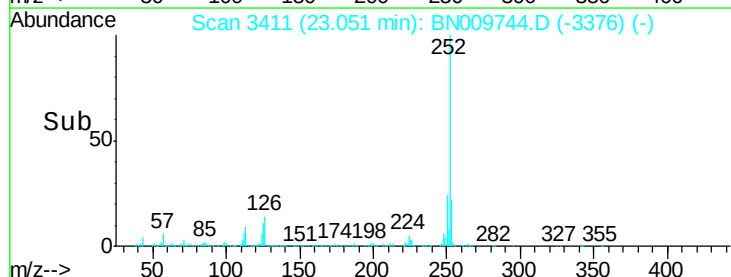
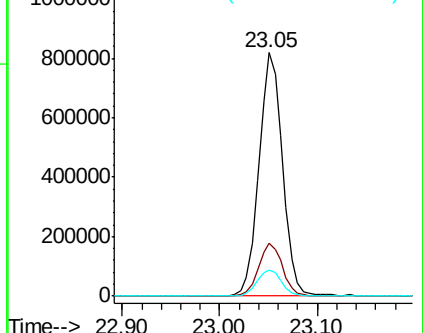
125 10.9 9.0 13.6

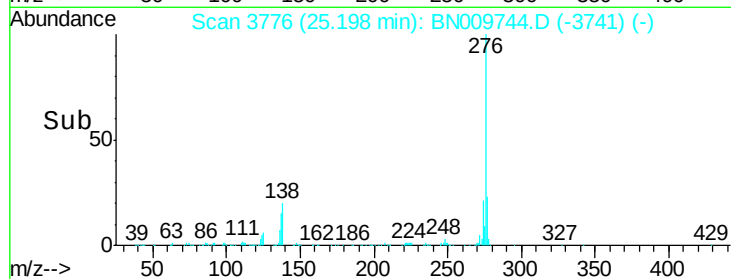
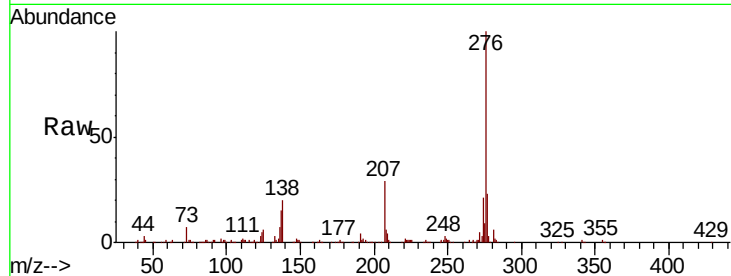
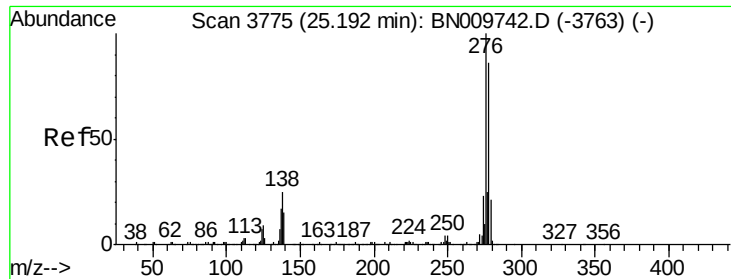


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 15.375 ng/ul

RT: 25.20 min Scan# 3776

Delta R.T. 0.01 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

BNA_N

ClientSampleId :

DBCX6

Tot Ion:276 Resp: 604983

Ion Ratio Lower Upper

276 100

138 20.2 20.9 31.3#

277 22.9 18.2 27.4

