

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 02:51:02 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

					Qvalue
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
23) 2-Nitrophenol	9.12	139	7822	1.957	ng/ul# 31
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
30) 4-Chloroaniline	10.21	127	71260	9.021	ng/ul# 1
31) Hexachlorobutadiene	10.50	225	275658	59.505	ng/ul 93
32) Caprolactam	11.10	113	87496	37.664	ng/ul 94
35) 1-Methylnaphthalene	12.06	142	735625	43.922	ng/uL 99
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
46) 2,6-Dinitrotoluene	13.53	165	4605	1.093	ng/ul# 49
48) Acenaphthylene	13.77	152	591256	22.496	ng/ul 99

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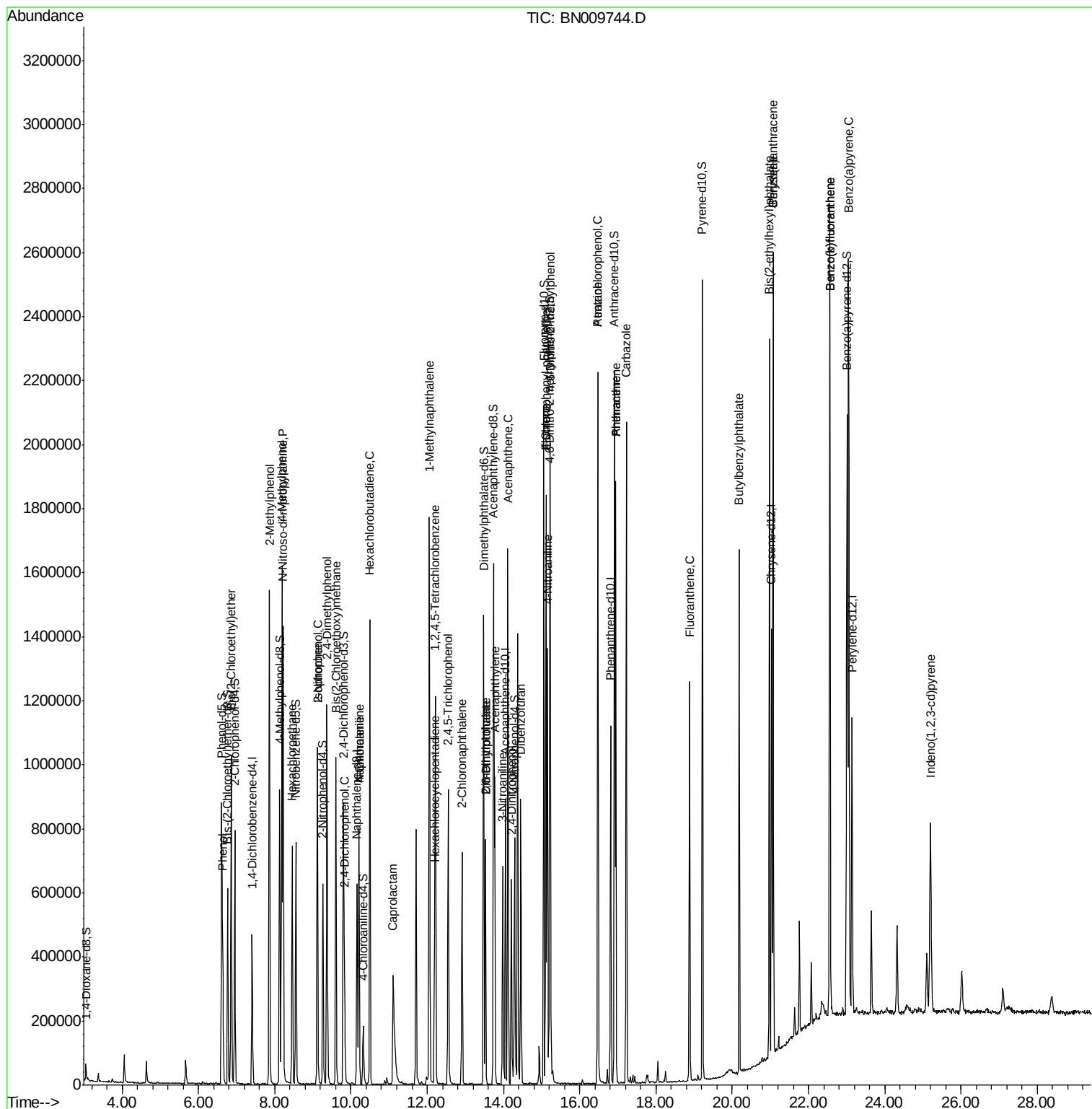
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) 3-Nitroaniline	13.97	138	126250	32.468	ng/ul	94
50) Acenaphthene	14.12	153	605172	33.588	ng/ul	97
51) 2,4-Dinitrophenol	14.20	184	119508	49.425	ng/ul	97
54) Dibenzofuran	14.46	168	495386	19.589	ng/ul	96
59) Fluorene	15.11	166	169281	7.976	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
68) Atrazine	16.47	200	62942	9.448	ng/ul#	34
69) Pentachlorophenol	16.47	266	324112	85.577	ng/ul	93
70) Phenanthrene	16.95	178	1074579	31.811	ng/ul	99
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
83) Benzo(a)anthracene	21.07	228	1196522	29.928	ng/ul	96
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
88) Benzo(b)fluoranthene	22.56	252	1459200	39.600	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

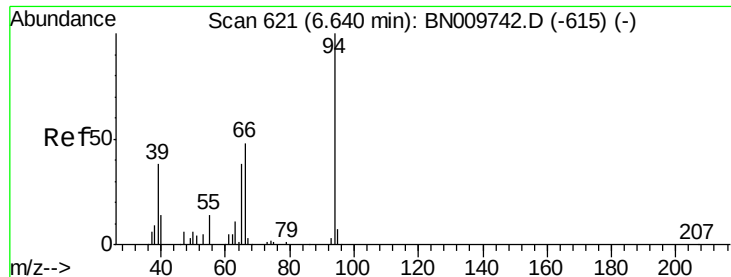
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

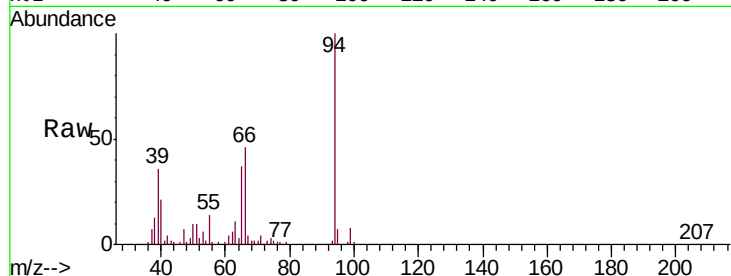
Tgt Ion: 94 Resp: 194095

Ion Ratio Lower Upper

94 100

65 37.1 27.6 41.4

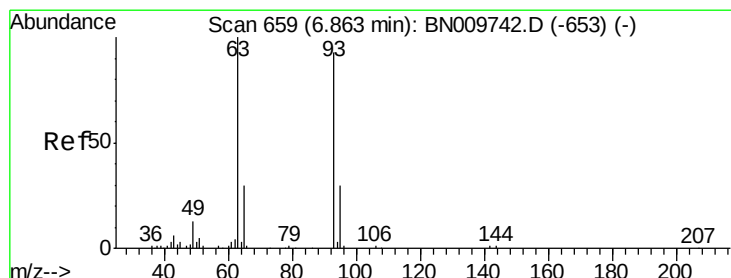
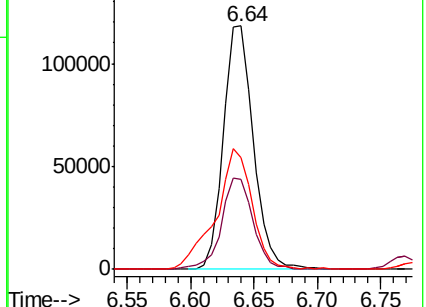
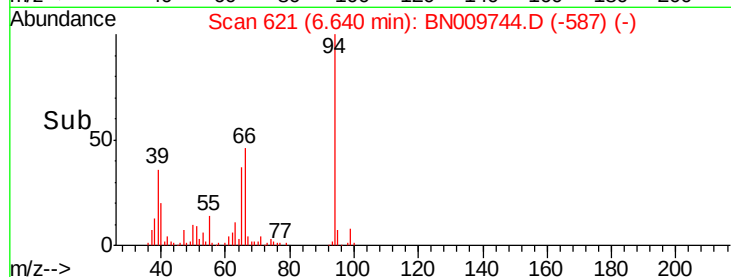
66 46.0 38.5 57.7



Abundance Ion 94.00 (93.70 to 94.70): BN009744.D (-587) (-)

Ion 65.00 (64.70 to 65.70): BN009744.D (-587) (-)

Ion 66.00 (65.70 to 66.70): BN009744.D (-587) (-)



#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

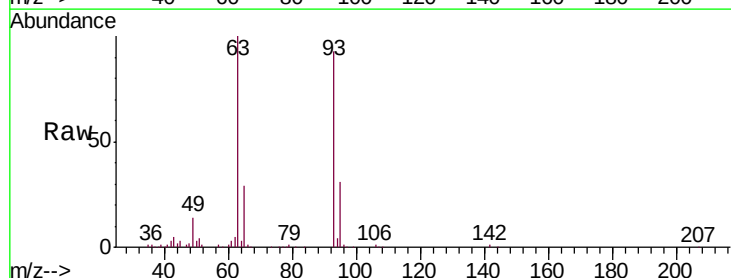
Tgt Ion: 93 Resp: 442872

Ion Ratio Lower Upper

93 100

63 107.9 82.7 124.1

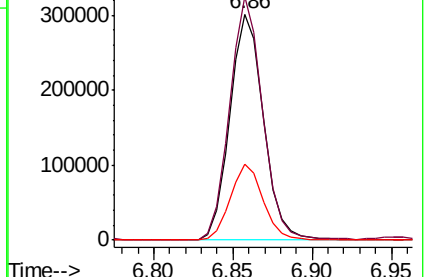
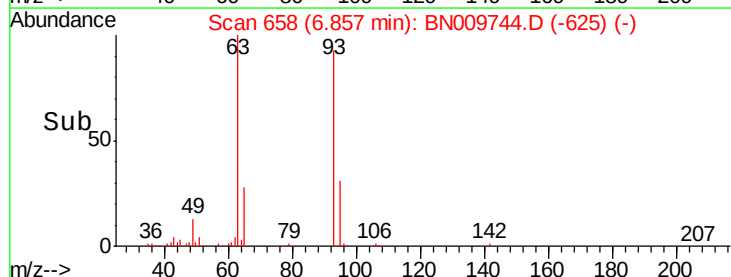
95 33.8 26.6 40.0

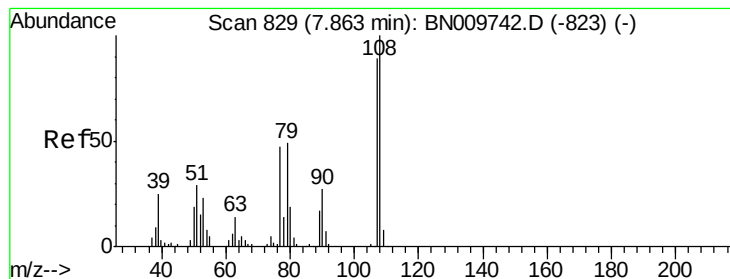


Abundance Ion 93.00 (92.70 to 93.70): BN009744.D (-625) (-)

Ion 63.00 (62.70 to 63.70): BN009744.D (-625) (-)

Ion 95.00 (94.70 to 95.70): BN009744.D (-625) (-)





#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 :

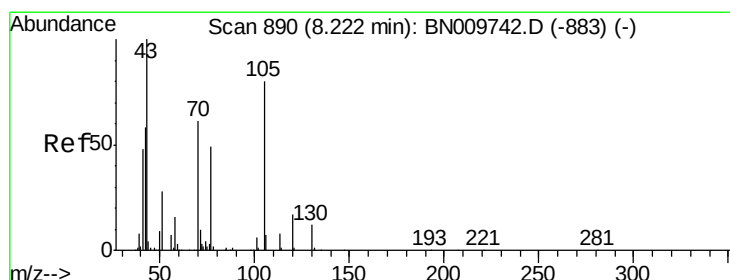
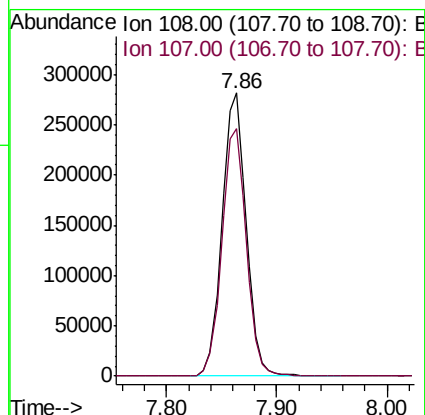
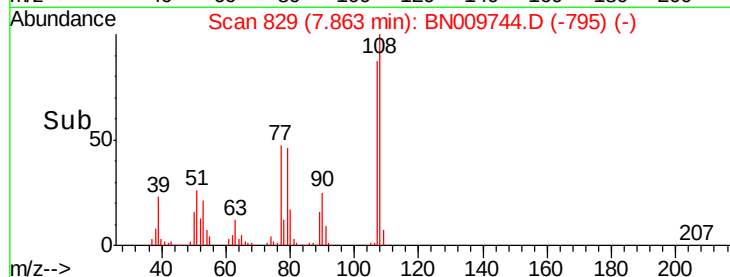
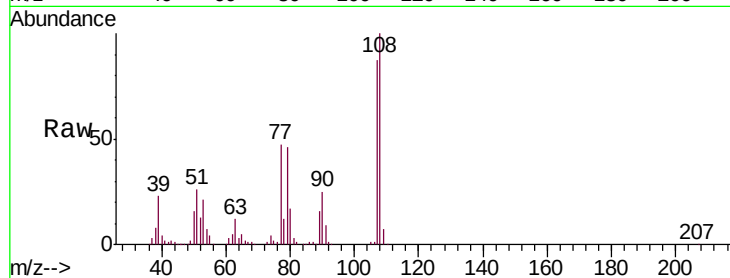
DBCX6

Tgt Ion: 108 Resp: 429373

Ion Ratio Lower Upper

108 100

107 87.3 72.3 108.5



#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

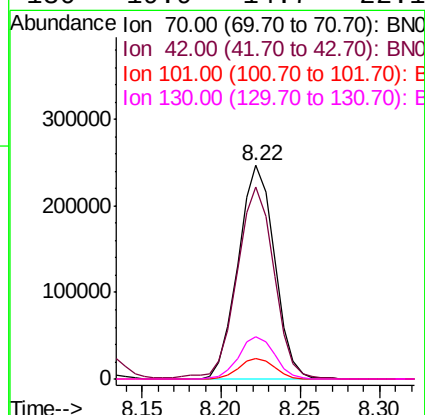
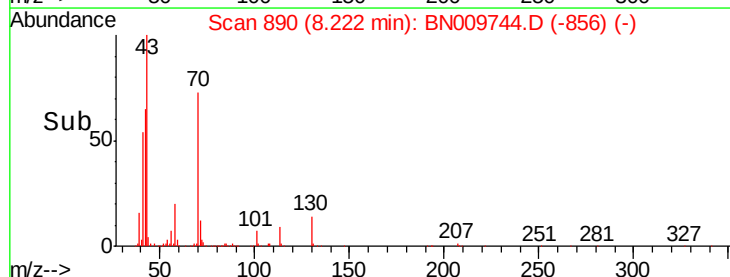
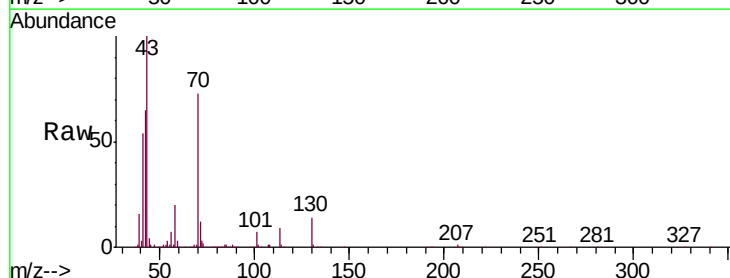
Ion Ratio Lower Upper

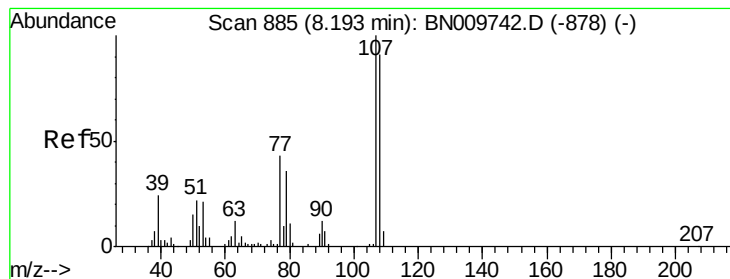
70 100

42 89.8 72.6 108.8

101 9.4 7.7 11.5

130 19.9 14.7 22.1





#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 :

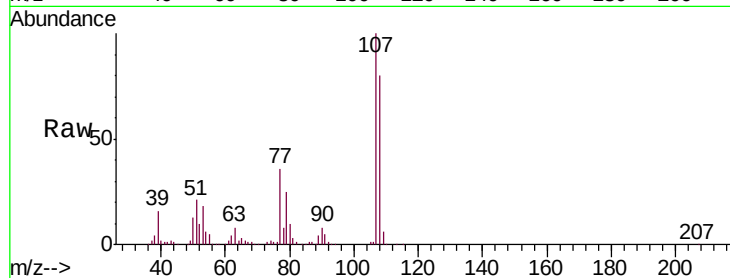
DBCX6

Tgt Ion:108 Resp: 460698

Ion Ratio Lower Upper

108 100

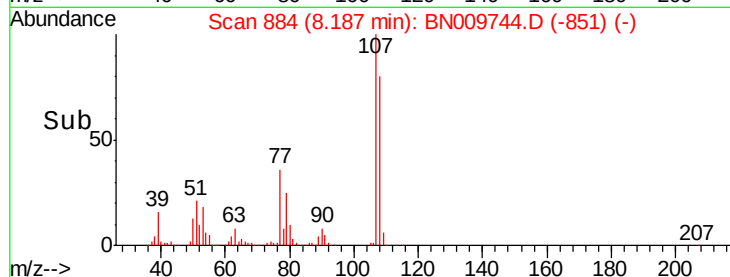
107 125.6 86.4 129.6



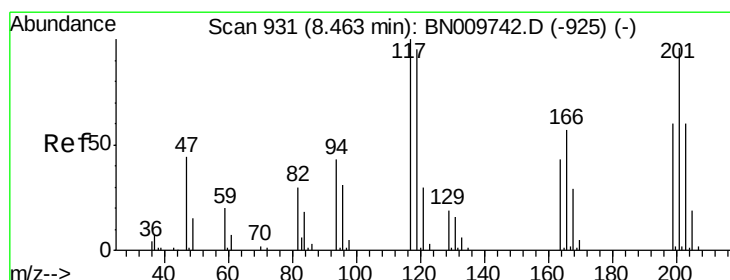
Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.19



Time-->



#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

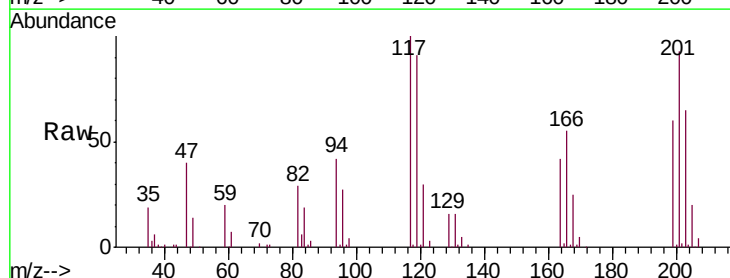
Tgt Ion:117 Resp: 129424

Ion Ratio Lower Upper

117 100

201 93.4 76.6 115.0

199 60.3 49.1 73.7

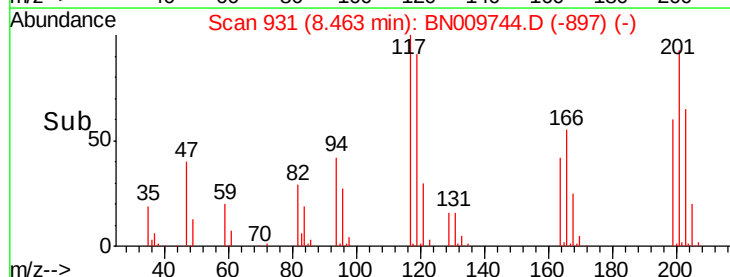


Abundance Ion 117.00 (116.70 to 117.70): E

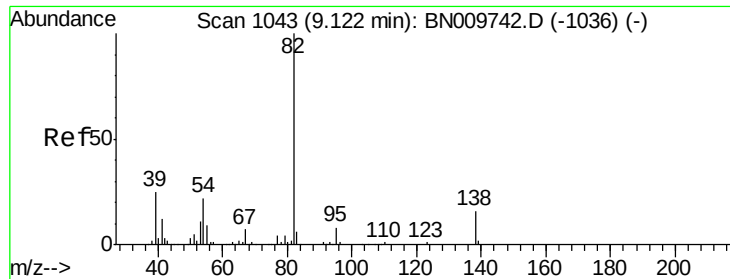
Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

8.46



Time-->



#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

Instrument :

BNA_N

ClientSampled :

DBCX6

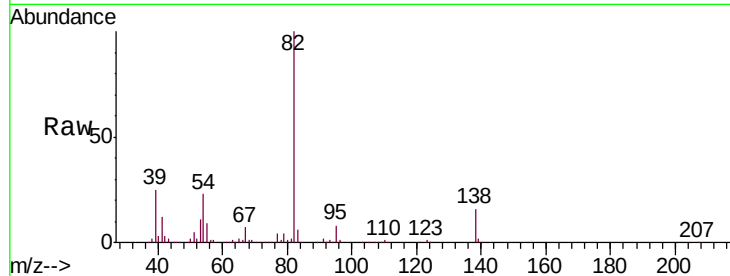
Tgt Ion: 82 Resp: 651965

Ion Ratio Lower Upper

82 100

95 7.9 6.0 9.0

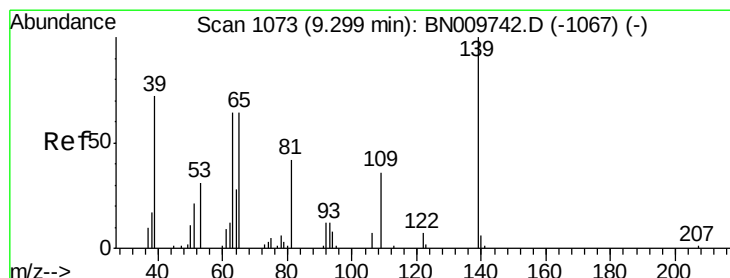
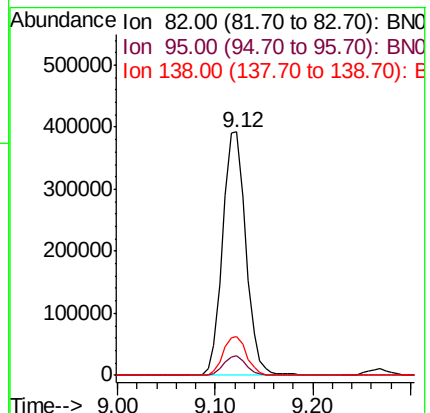
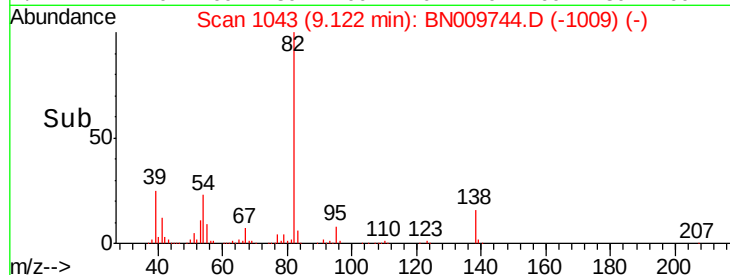
138 15.9 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BN009744.D (-1036) (-)

Ion 95.00 (94.70 to 95.70): BN009744.D (-1036) (-)

Ion 138.00 (137.70 to 138.70): BN009744.D (-1036) (-)



#23

2-Nitrophenol

Concen: 1.957 ng/ul

RT: 9.12 min Scan# 1043

Delta R.T. -0.18 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

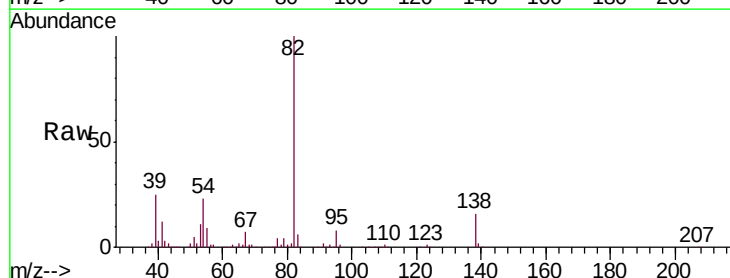
Tgt Ion: 139 Resp: 7822

Ion Ratio Lower Upper

139 100

65 144.9 58.0 87.0#

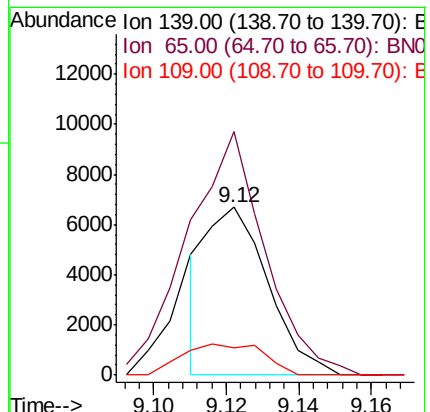
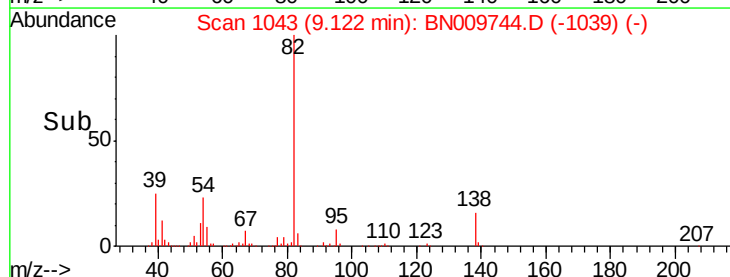
109 15.9 28.8 43.2#

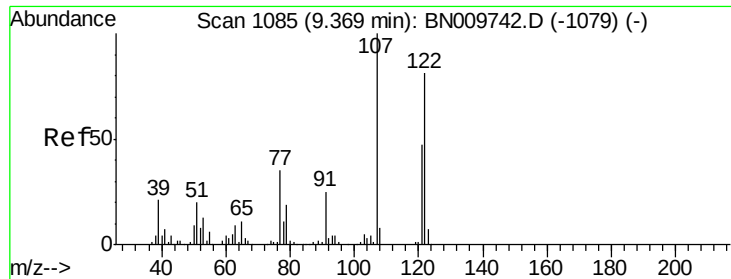


Abundance Ion 139.00 (138.70 to 139.70): BN009744.D (-1036) (-)

Ion 65.00 (64.70 to 65.70): BN009744.D (-1036) (-)

Ion 109.00 (108.70 to 109.70): BN009744.D (-1036) (-)





#24

2,4-Dimethylphenol

Concen: 41.042 ng/ul

RT: 9.37 min Scan# 1085

Delta R.T. -0.00 min

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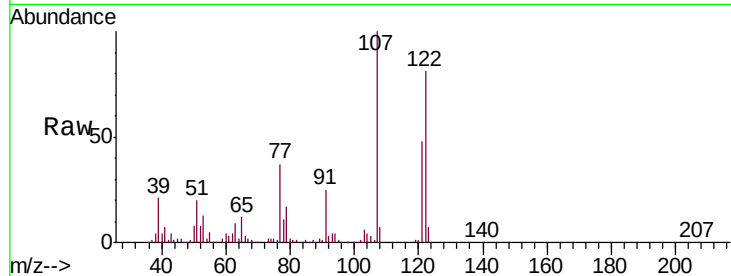
Tgt Ion: 107 Resp: 356111

Ion Ratio Lower Upper

107 100

121 47.5 38.5 57.7

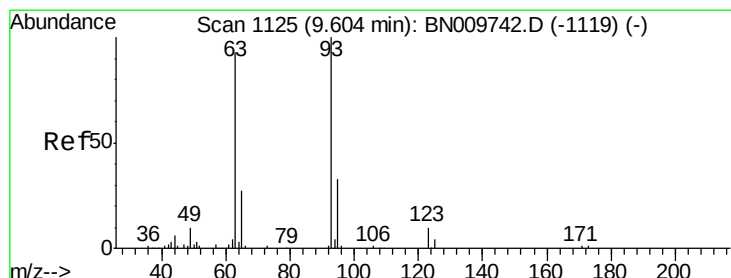
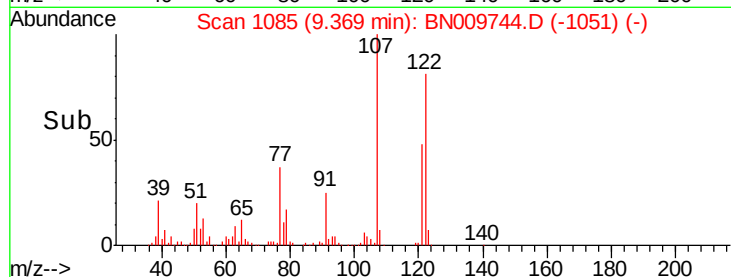
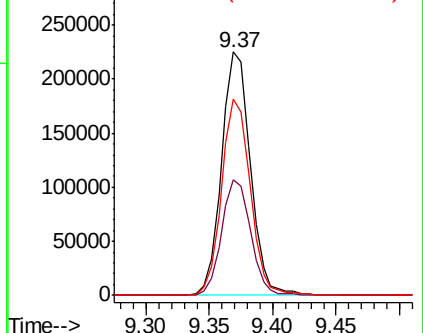
122 80.9 62.9 94.3



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 47.036 ng/ul

RT: 9.60 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

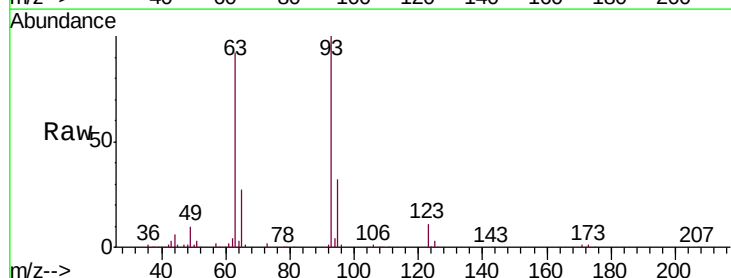
Tgt Ion: 93 Resp: 486684

Ion Ratio Lower Upper

93 100

95 32.2 25.1 37.7

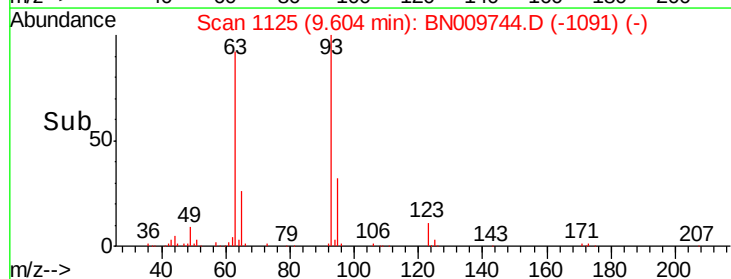
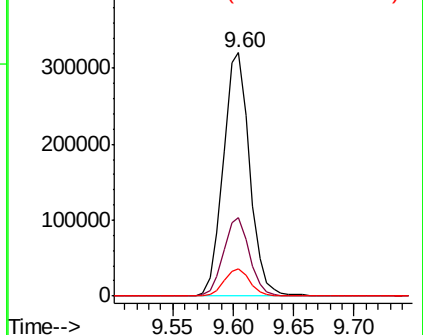
123 11.0 8.9 13.3

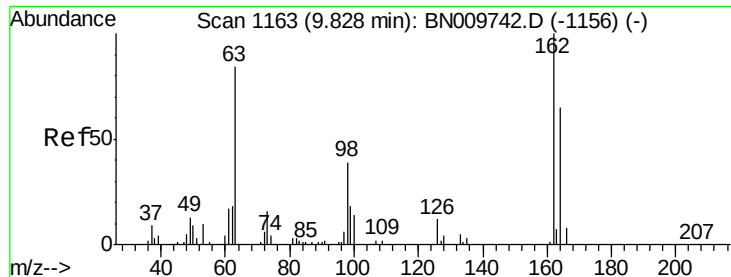


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 16.320 ng/ul

RT: 9.83 min Scan# 1163

Delta R.T. -0.00 min

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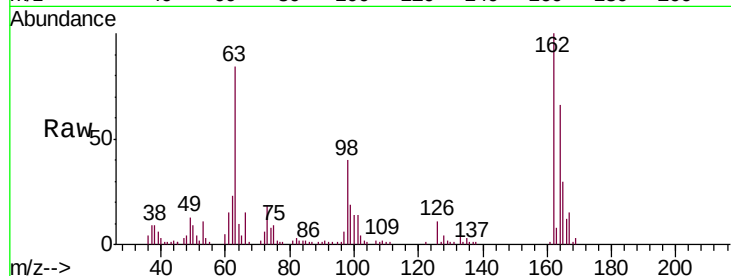
Tgt Ion:162 Resp: 113048

Ion Ratio Lower Upper

162 100

164 66.4 50.5 75.7

98 39.9 28.7 43.1

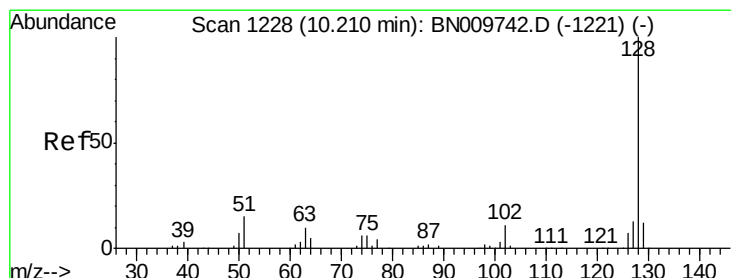
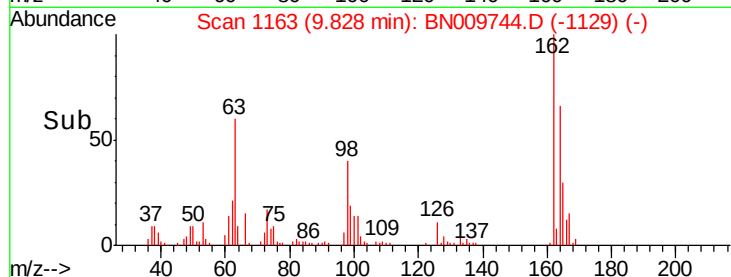
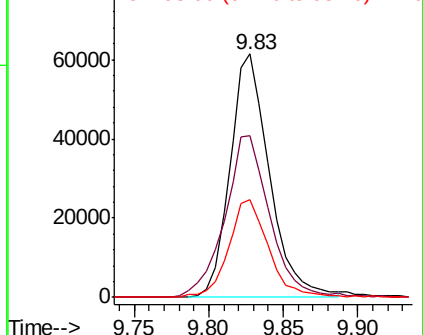


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#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

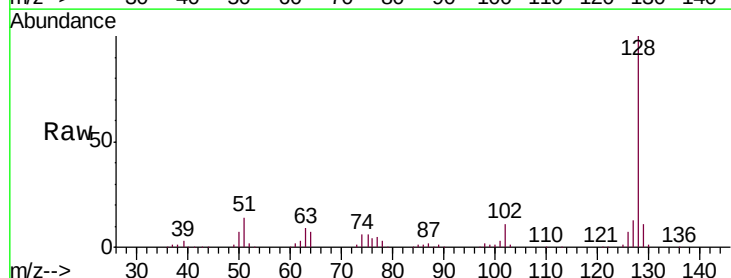
Tgt Ion:128 Resp: 558331

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 12.8 10.3 15.5

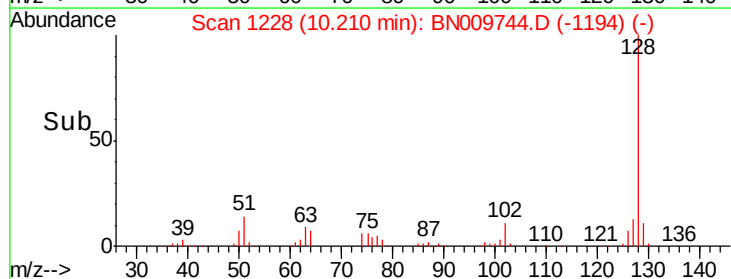
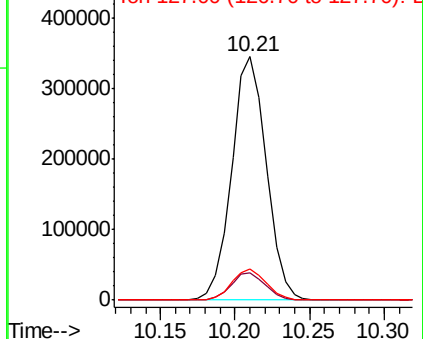


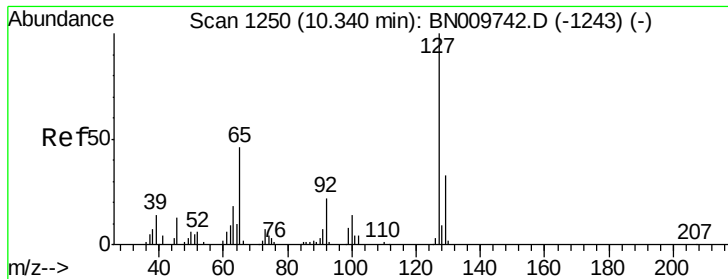
Abundance

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

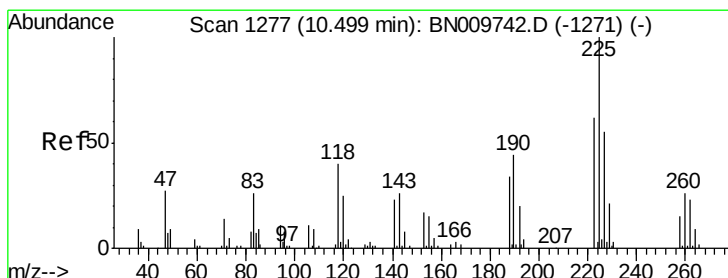
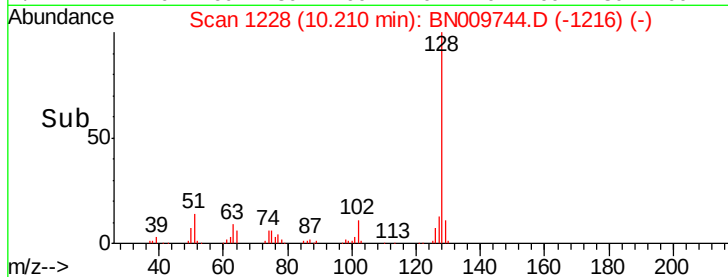
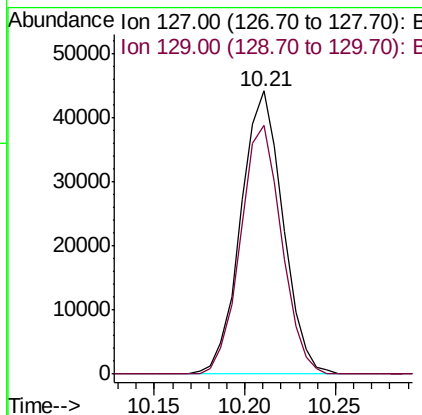
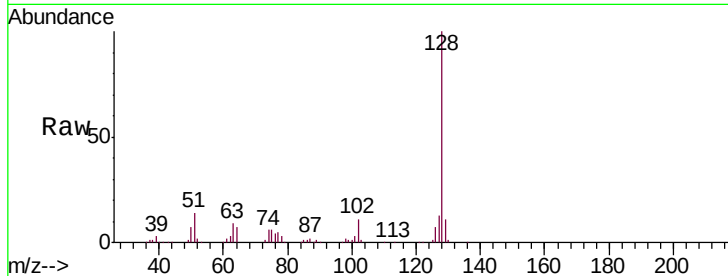




#30
4-Chloroaniline
Concen: 9.021 ng/ul
RT: 10.21 min Scan# 1228
Delta R.T. -0.13 min
Lab File: BN009744.D
Acq: 18 Feb 2020 15:18

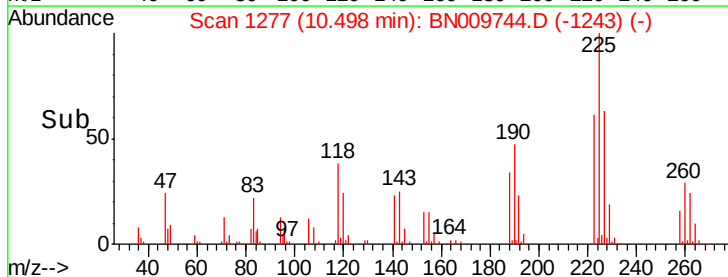
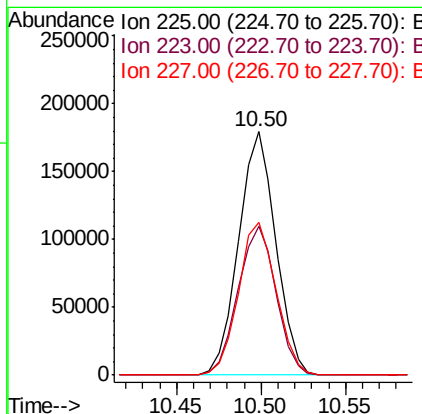
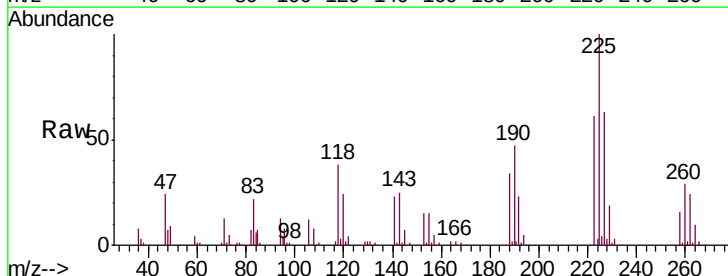
Instrument :
BNA_N
ClientSampleId :
DBCX6

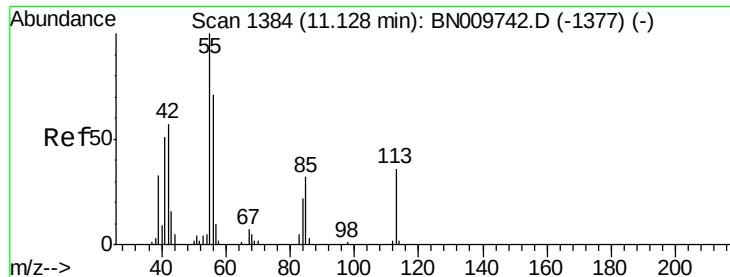
Tgt Ion:127 Resp: 71260
Ion Ratio Lower Upper
127 100
129 87.9 24.8 37.2#



#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





#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

ClientSampleId :

DBCX6

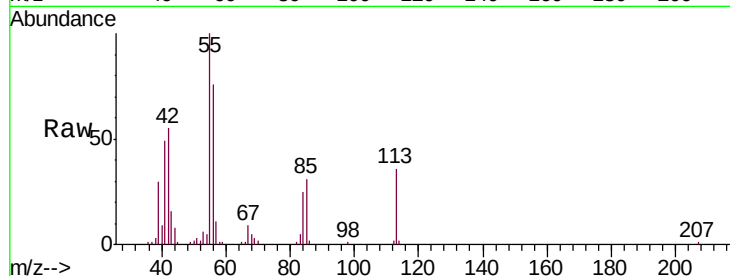
Tgt Ion:113 Resp: 87496

Ion Ratio Lower Upper

113 100

55 275.7 209.1 313.7

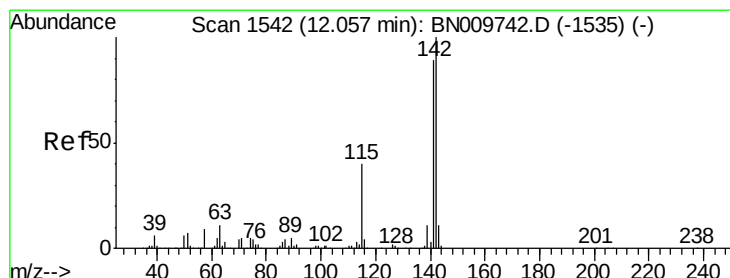
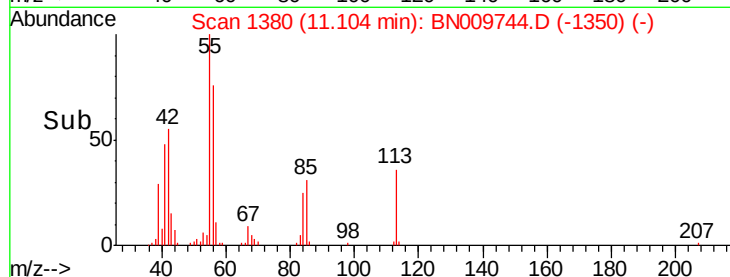
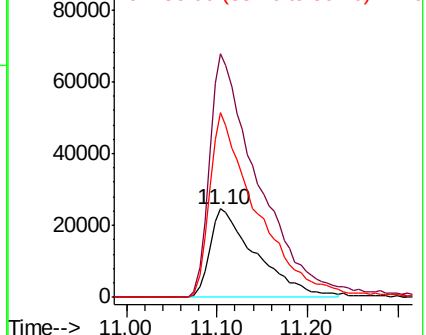
56 208.9 161.6 242.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#35

1-Methylnaphthalene

Concen: 43.922 ng/uL

RT: 12.06 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

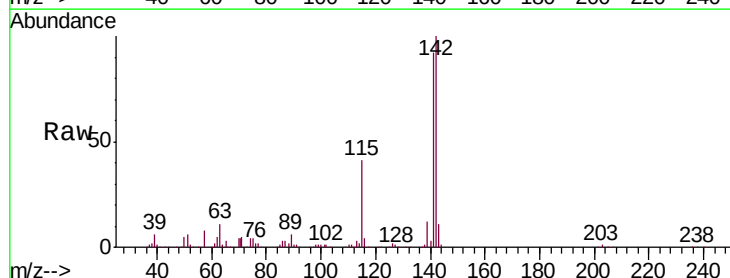
Tgt Ion:142 Resp: 735625

Ion Ratio Lower Upper

142 100

141 91.7 72.8 109.2

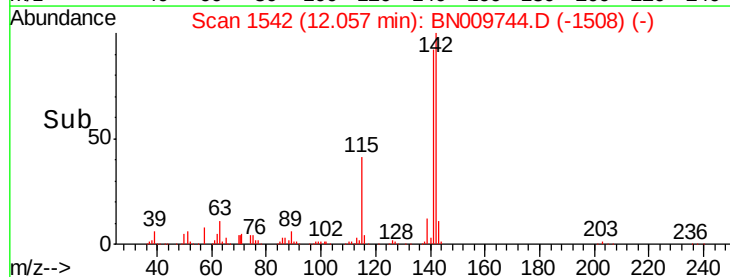
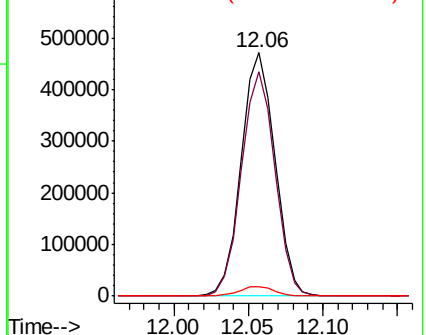
116 4.1 3.2 4.8

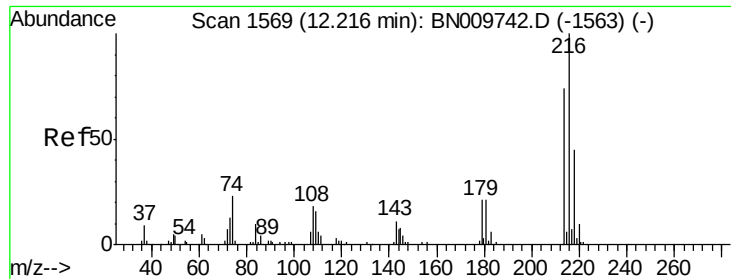


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

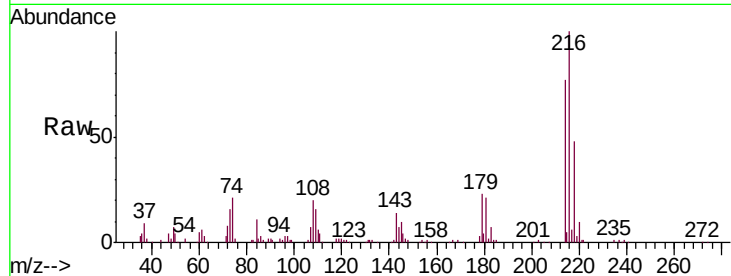




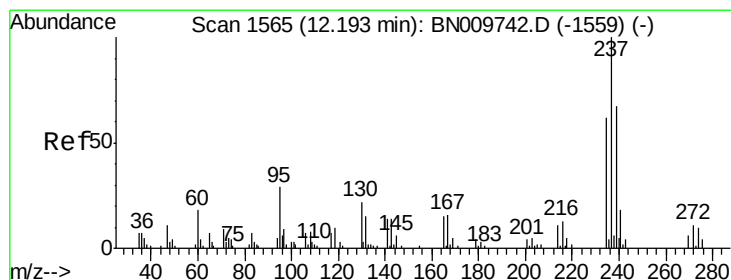
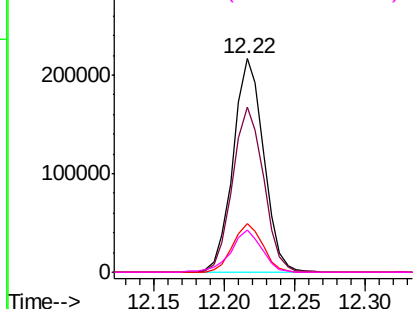
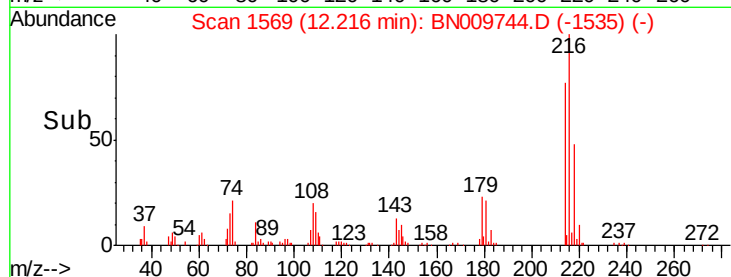
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.974 ng/ul
 RT: 12.22 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

Instrument :
 BNA_N
 ClientSampleId :
 DBCX6

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

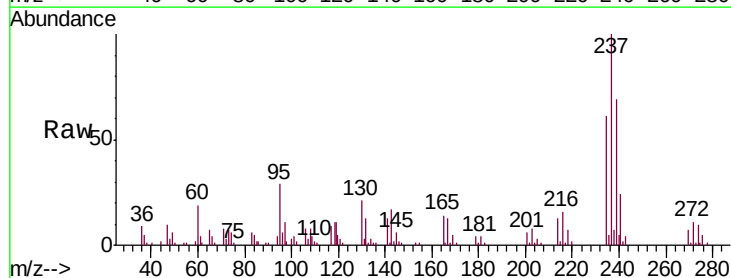


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

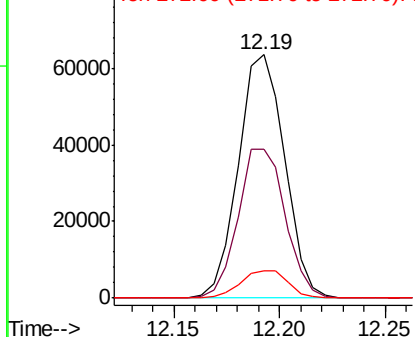
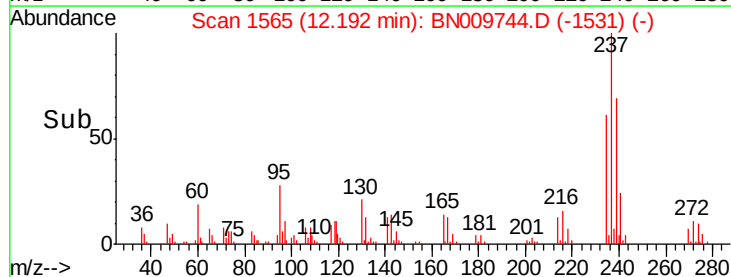


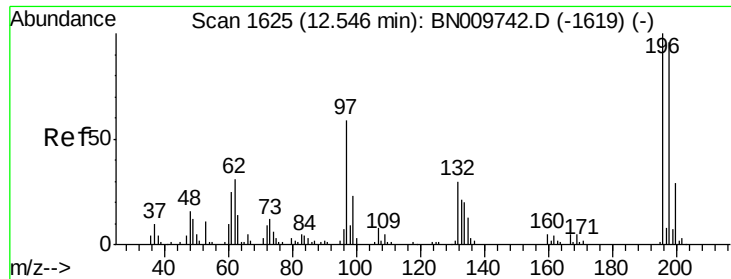
#38
 Hexachlorocyclopentadiene
 Concen: 27.300 ng/ul
 RT: 12.19 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

Tgt 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

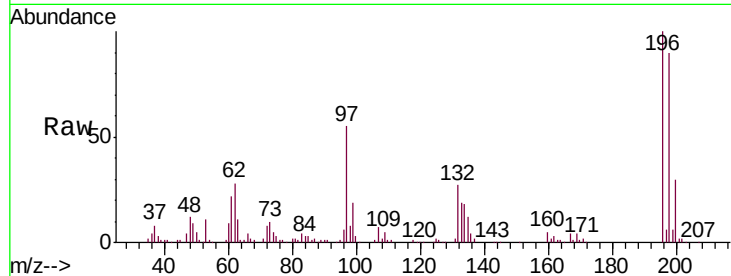




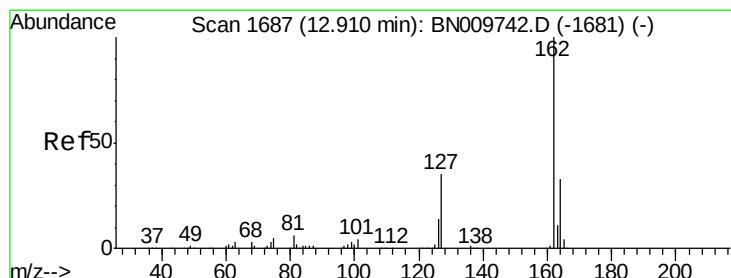
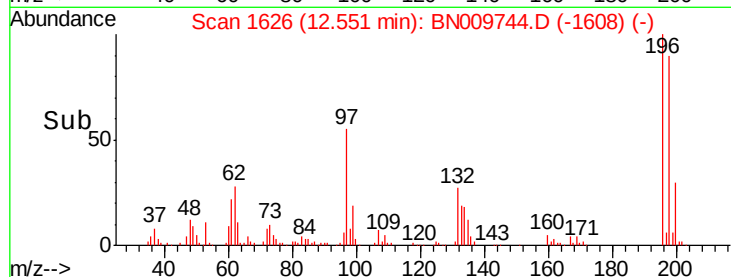
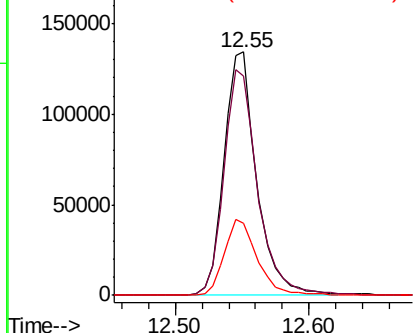
#40
 2,4,5-Trichlorophenol
 Concen: 41.349 ng/ul
 RT: 12.55 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

Instrument :
 BNA_N
 ClientSampleId :
 DBCX6

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

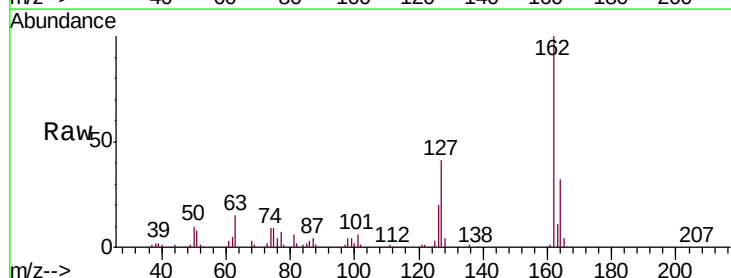


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

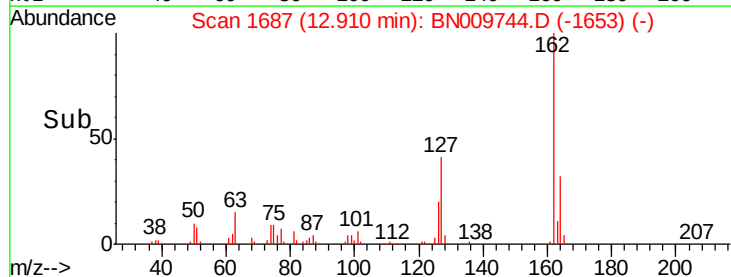
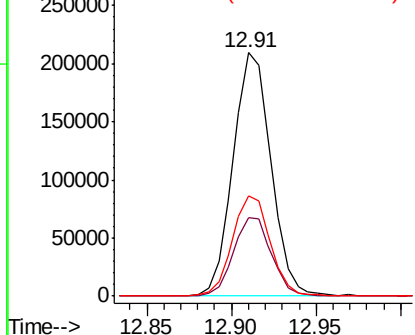


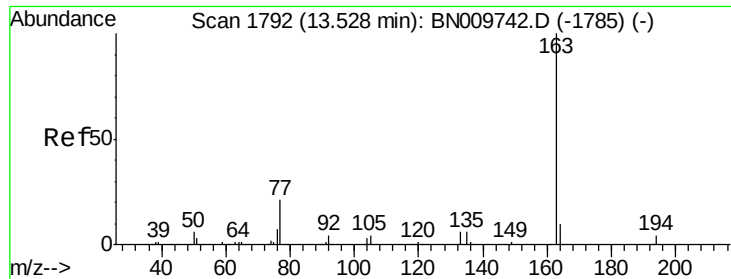
#42
 2-Chloronaphthalene
 Concen: 19.457 ng/ul
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

Tgt Ion:162 Resp: 327597
 Ion Ratio Lower Upper
 162 100
 164 32.2 25.7 38.5
 127 41.4 31.4 47.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E





#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

Instrument :

BNA_N

ClientSampleId :

DBCX6

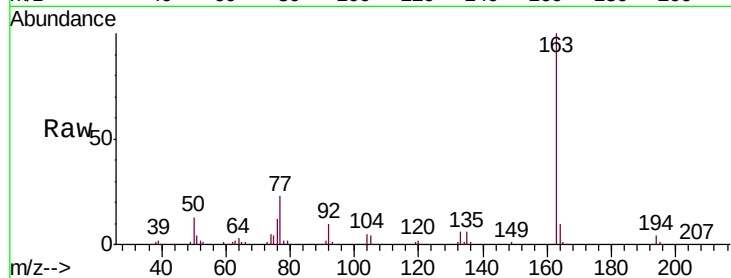
Tgt Ion:163 Resp: 423116

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

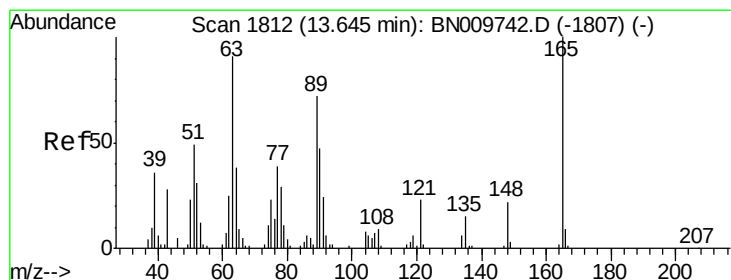
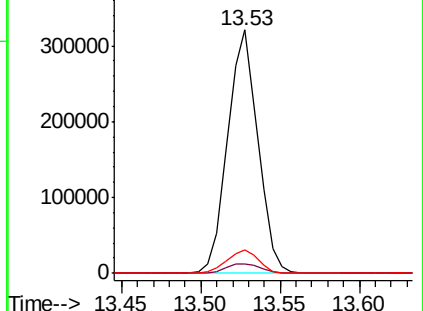
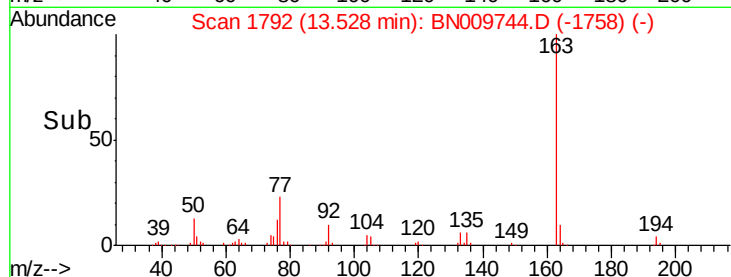
164 9.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#46

2,6-Dinitrotoluene

Concen: 1.093 ng/ul

RT: 13.53 min Scan# 1792

Delta R.T. -0.12 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

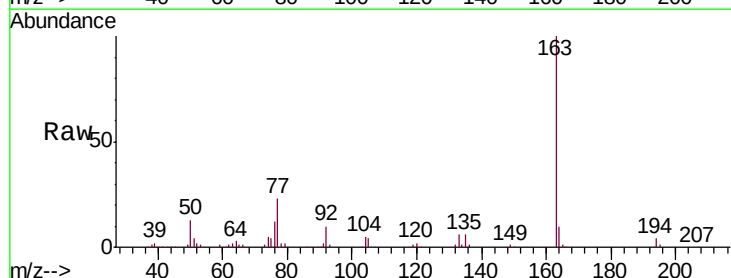
Tgt Ion:165 Resp: 4605

Ion Ratio Lower Upper

165 100

89 15.5 54.1 81.1#

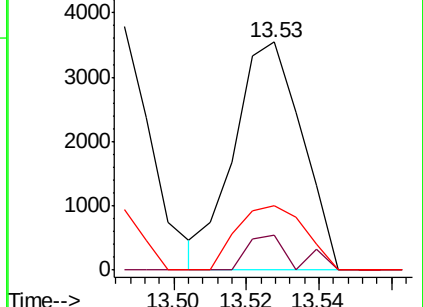
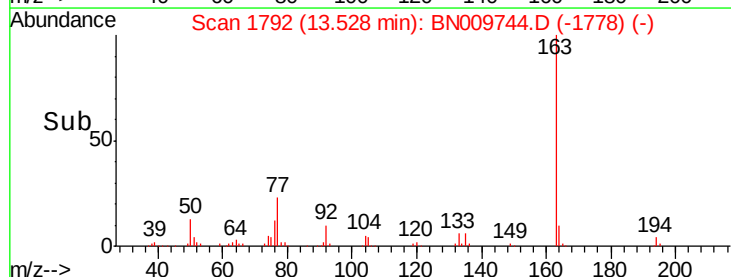
121 28.0 18.1 27.1#

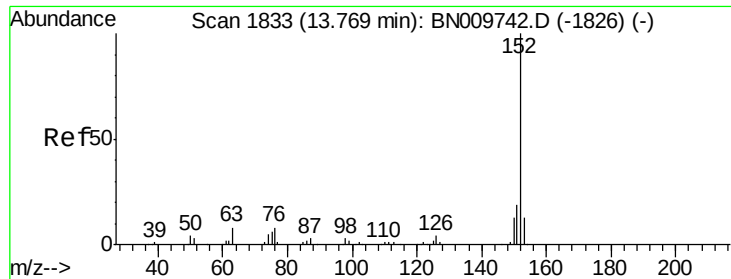


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#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

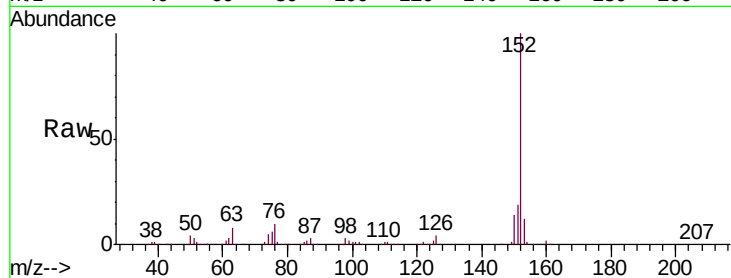
Tgt Ion:152 Resp: 591256

Ion Ratio Lower Upper

152 100

151 19.2 15.7 23.5

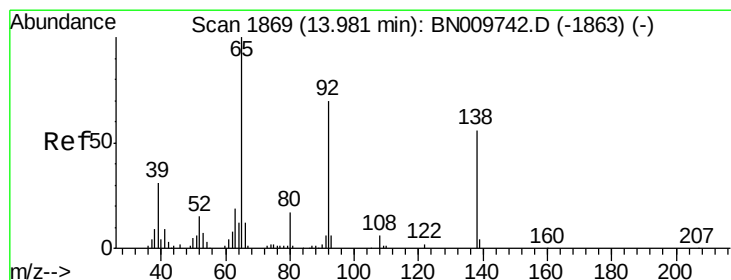
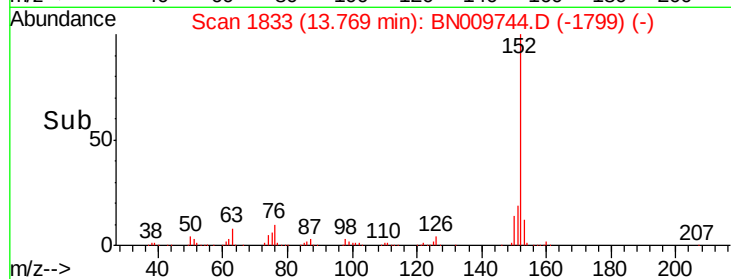
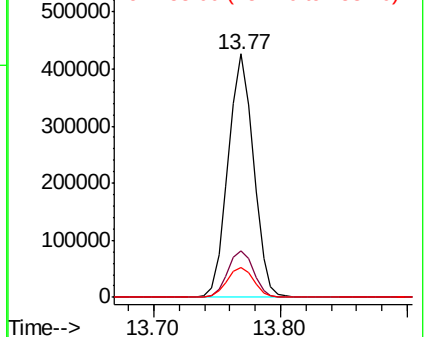
153 12.4 10.3 15.5



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

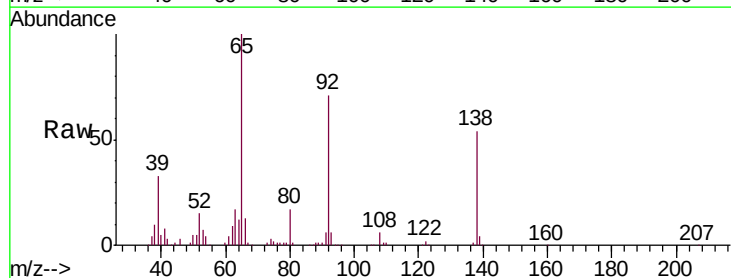
Tgt Ion:138 Resp: 126250

Ion Ratio Lower Upper

138 100

108 11.5 8.9 13.3

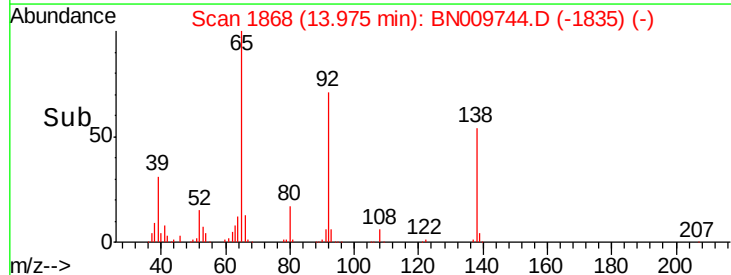
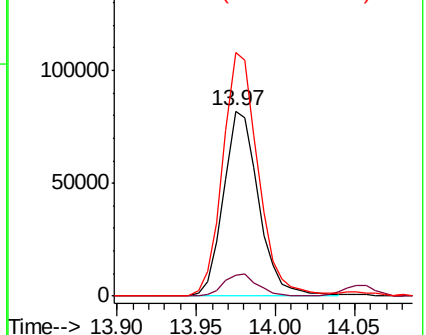
92 131.6 99.2 148.8

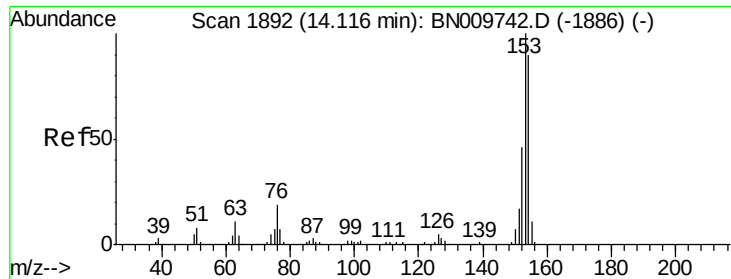


Abundance Ion 138.00 (137.70 to 138.70): E

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

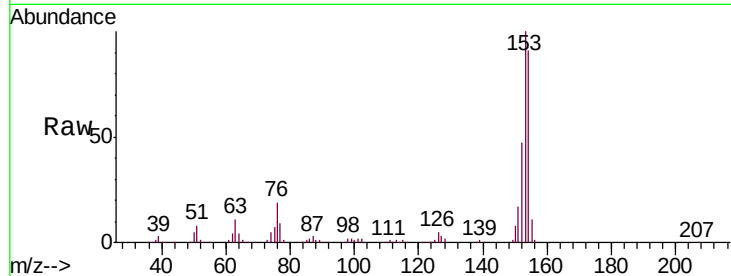
Tgt Ion:153 Resp: 605172

Ion Ratio Lower Upper

153 100

152 46.9 36.6 54.8

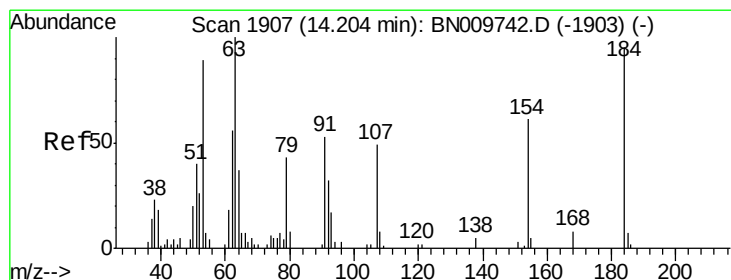
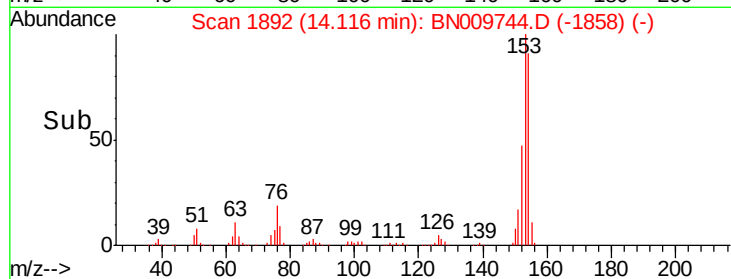
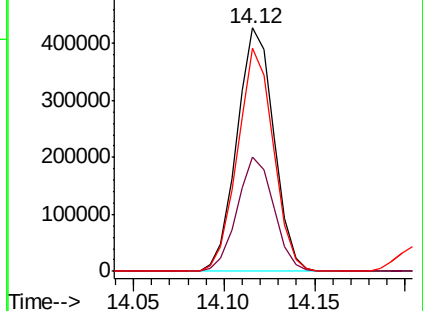
154 91.4 70.6 106.0



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

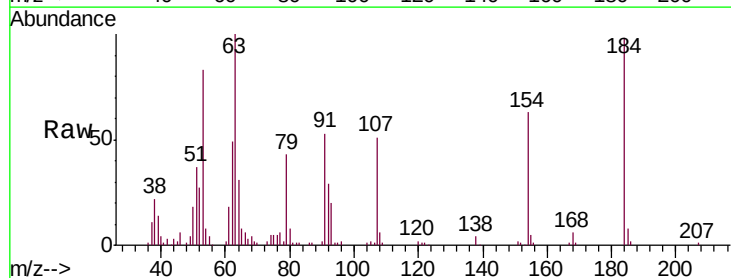
Tgt Ion:184 Resp: 119508

Ion Ratio Lower Upper

184 100

63 102.5 83.0 124.6

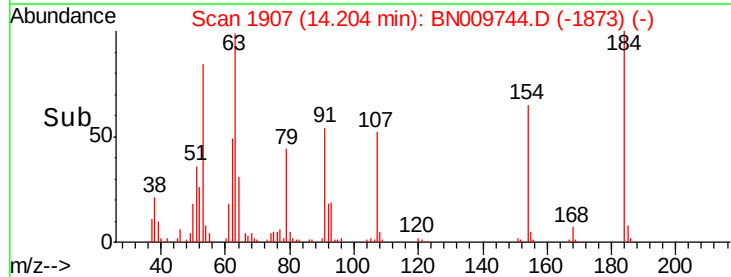
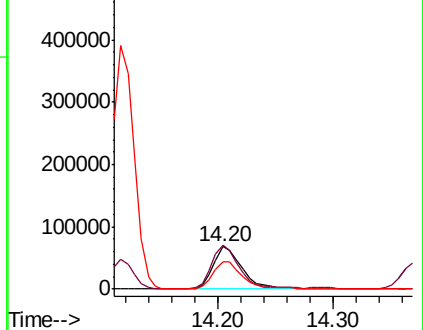
154 64.6 54.9 82.3

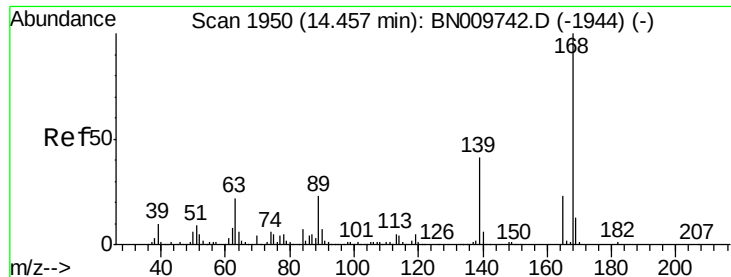


Abundance Ion 184.00 (183.70 to 184.70): E

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 :

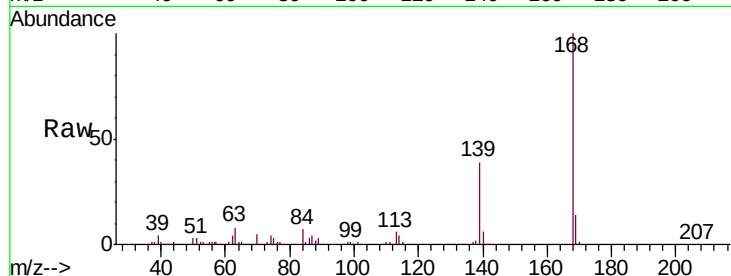
DBCX6

Tgt 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

14.46

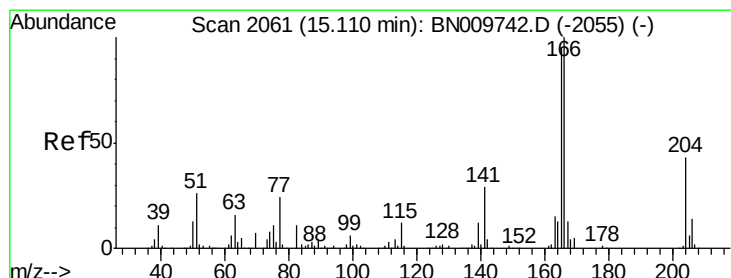
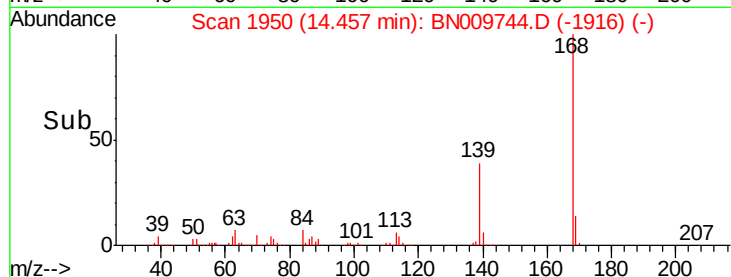
300000

200000

100000

0

Time-->



#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

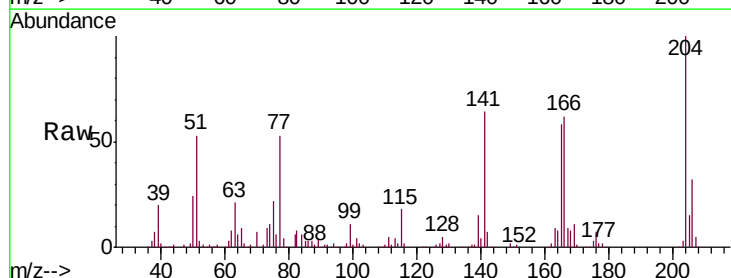
Tgt Ion:166 Resp: 169281

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

15.11

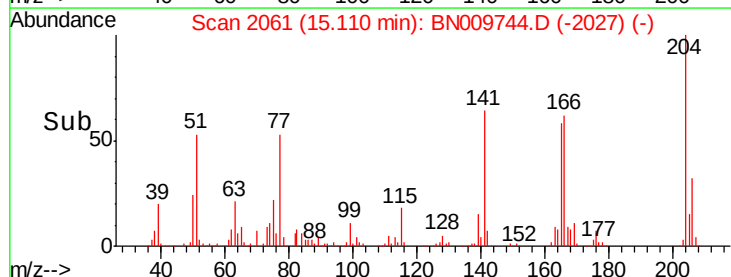
150000

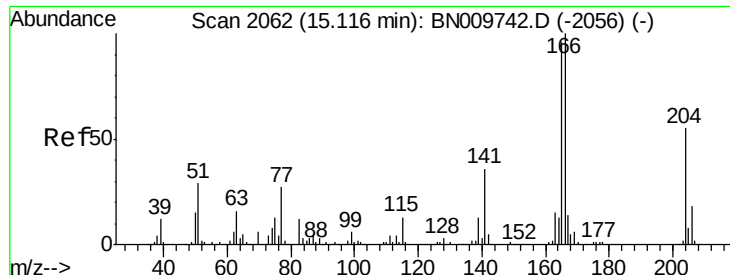
100000

50000

0

Time-->

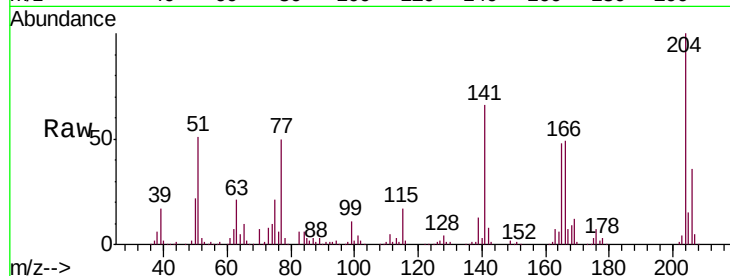




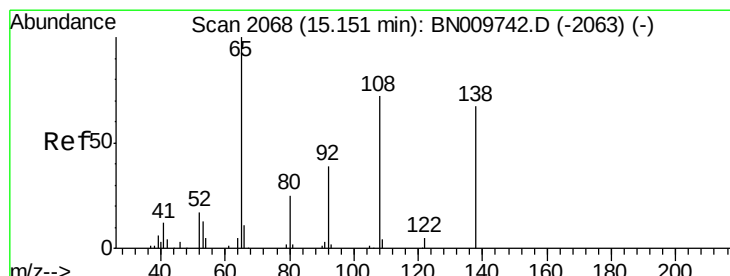
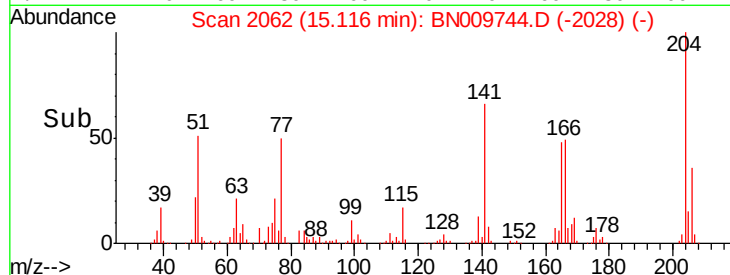
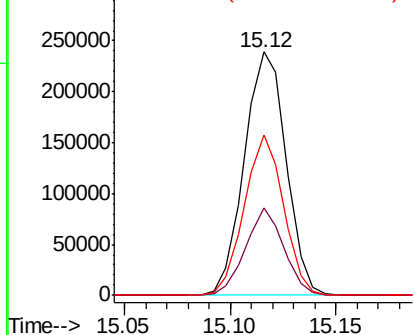
#60
 4-Chlorophenyl-phenylether
 Concen: 31.397 ng/ul
 RT: 15.12 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

Instrument :
 BNA_N
 ClientSampled :
 DBCX6

Tgt Ion:204 Resp: 328640
 Ion Ratio Lower Upper
 204 100
 206 35.8 26.5 39.7
 141 66.1 48.8 73.2

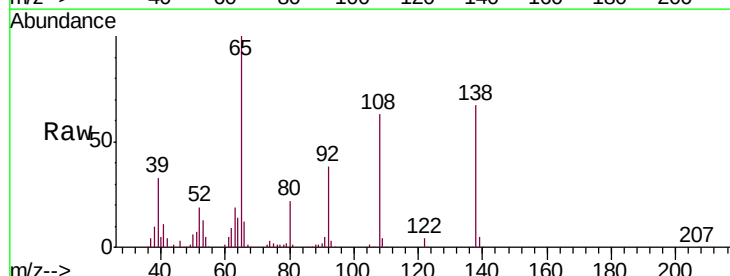


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

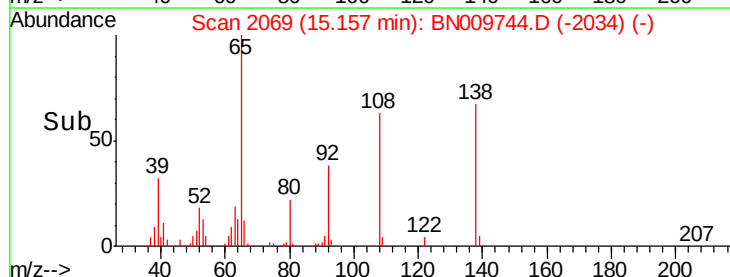
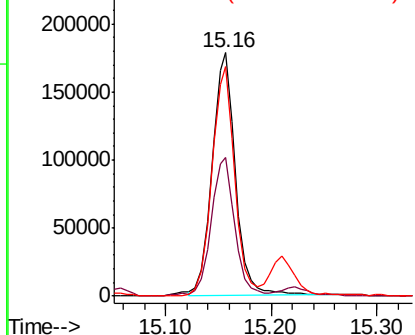


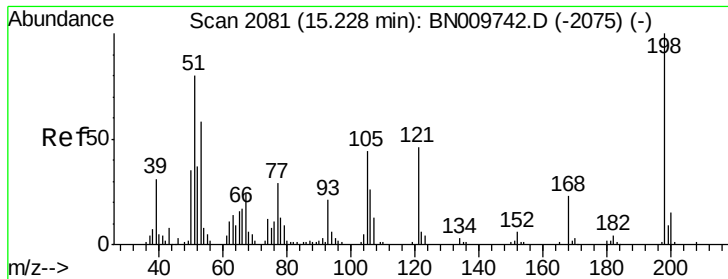
#61
 4-Nitroaniline
 Concen: 58.208 ng/ul
 RT: 15.16 min Scan# 2069
 Delta R.T. 0.01 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

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

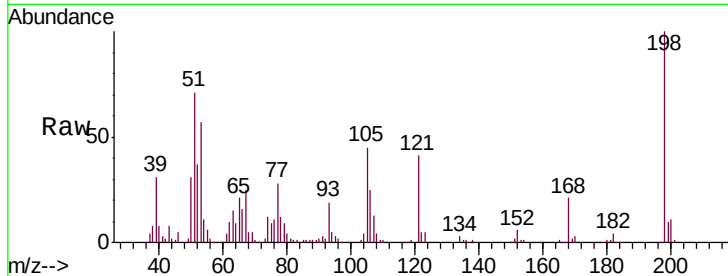




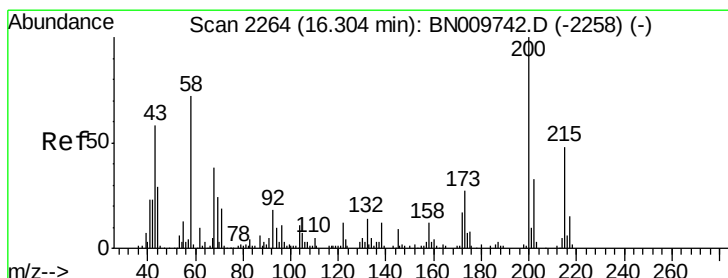
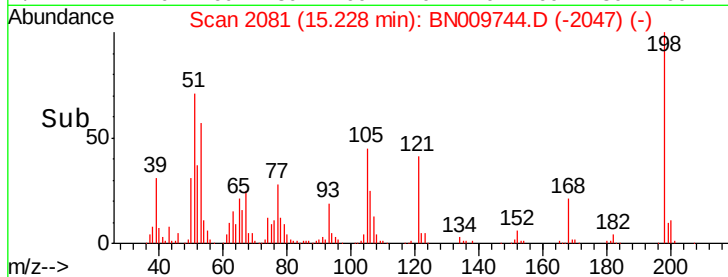
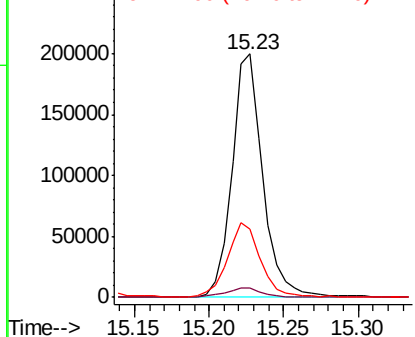
#64
 4,6-Dinitro-2-methylphenol
 Concen: 72.433 ng/ul
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

Instrument :
 BNA_N
 ClientSampled :
 DBCX6

Tgt Ion:198 Resp: 286908
 Ion Ratio Lower Upper
 198 100
 182 3.7 3.7 5.5
 77 28.1 25.1 37.7

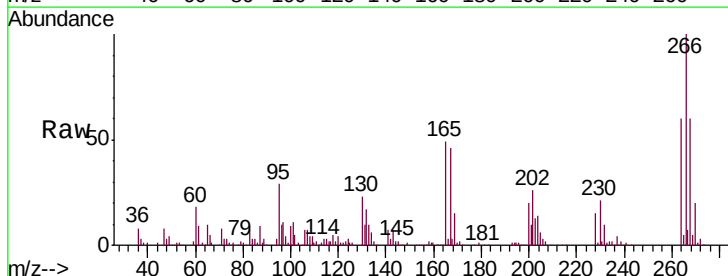


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

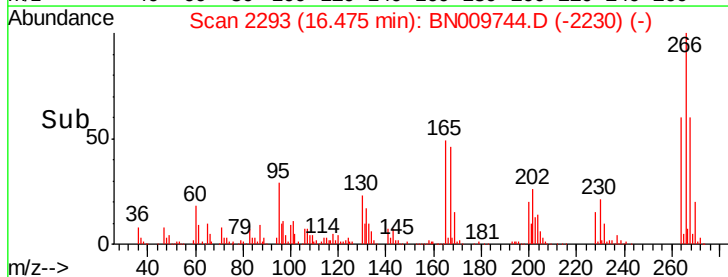
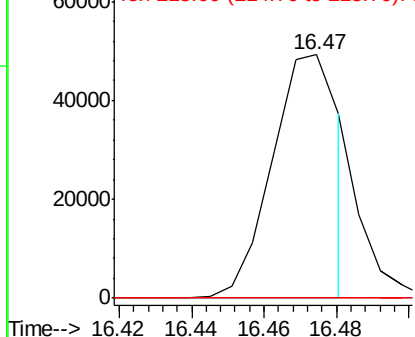


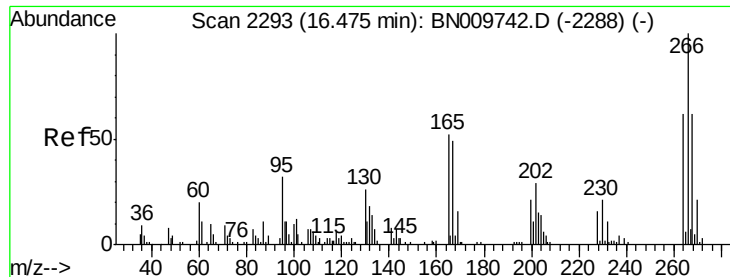
#68
 Atrazine
 Concen: 9.448 ng/ul
 RT: 16.47 min Scan# 2293
 Delta R.T. 0.17 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

Tgt Ion:200 Resp: 62942
 Ion Ratio Lower Upper
 200 100
 173 0.0 22.1 33.1#
 215 0.7 41.6 62.4#



Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

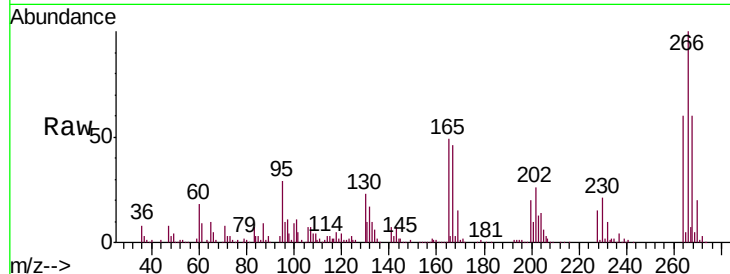




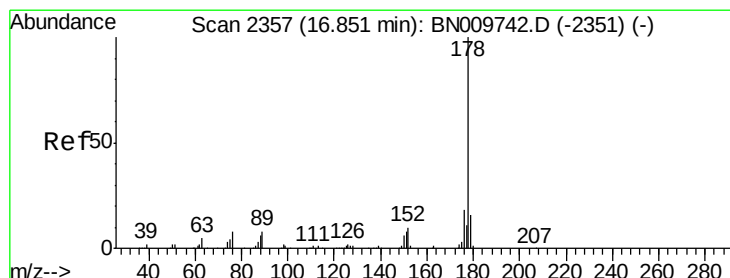
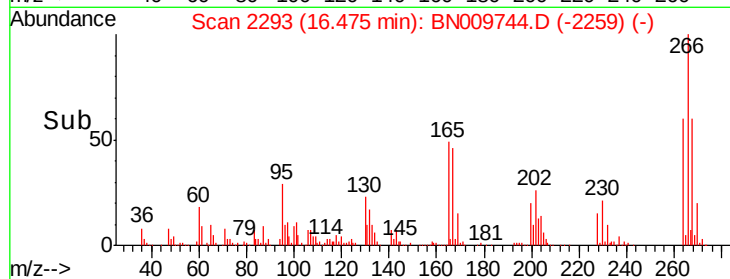
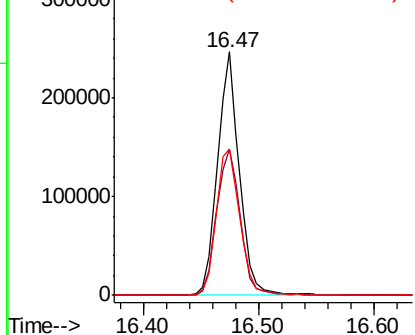
#69
 Pentachlorophenol
 Concen: 85.577 ng/ul
 RT: 16.47 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

Instrument :
 BNA_N
 ClientSampleId :
 DBCX6

Tgt Ion:266 Resp: 324112
 Ion Ratio Lower Upper
 266 100
 264 59.9 52.9 79.3
 268 60.2 52.5 78.7

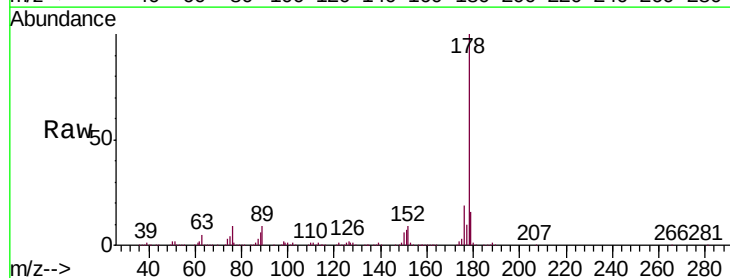


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

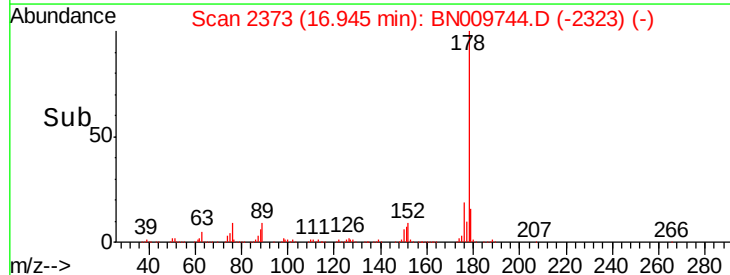
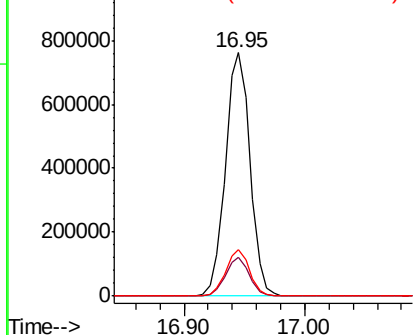


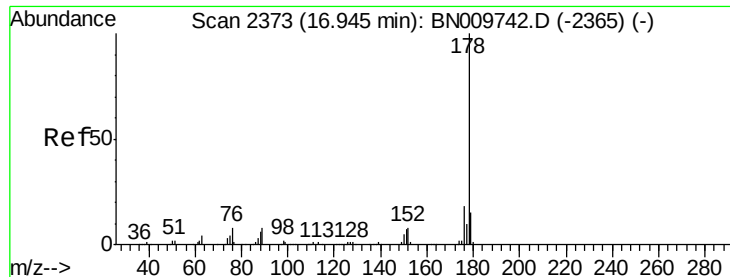
#70
 Phenanthrene
 Concen: 31.811 ng/ul
 RT: 16.95 min Scan# 2373
 Delta R.T. 0.09 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

Tgt Ion:178 Resp: 1074579
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.5 18.7
 176 19.0 14.6 22.0



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

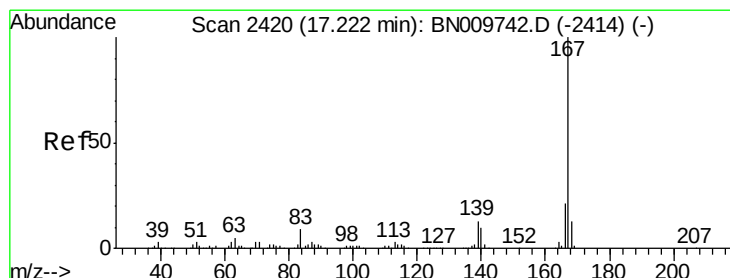
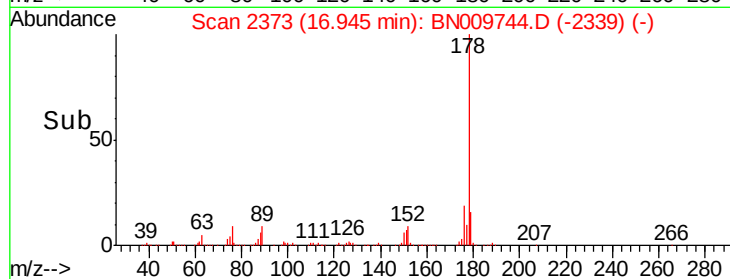
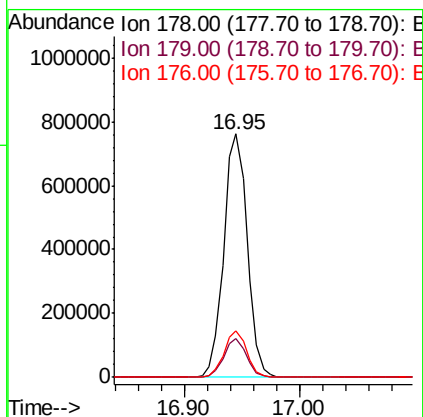
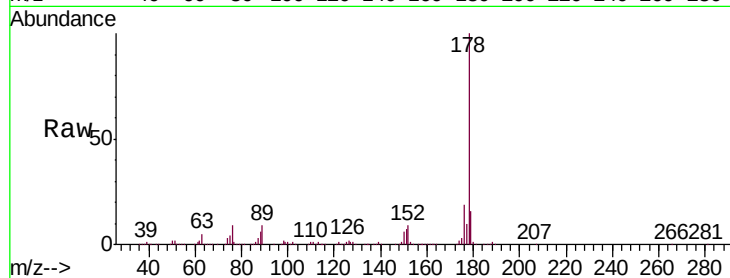




#72
 Anthracene
 Concen: 31.124 ng/ul
 RT: 16.95 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

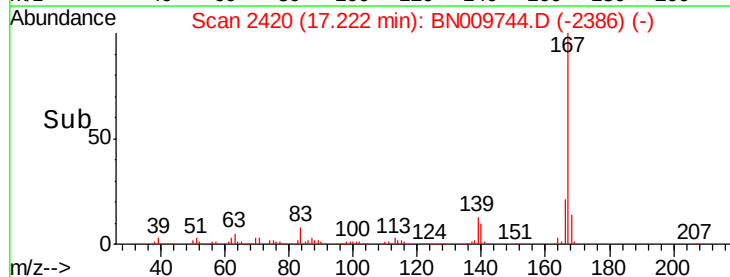
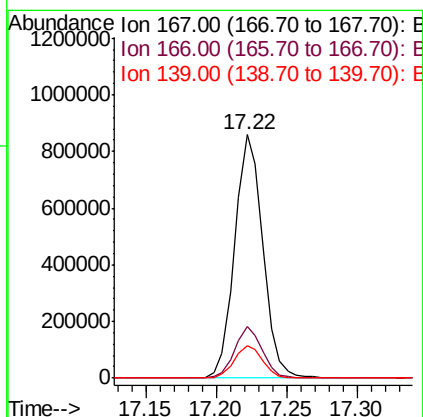
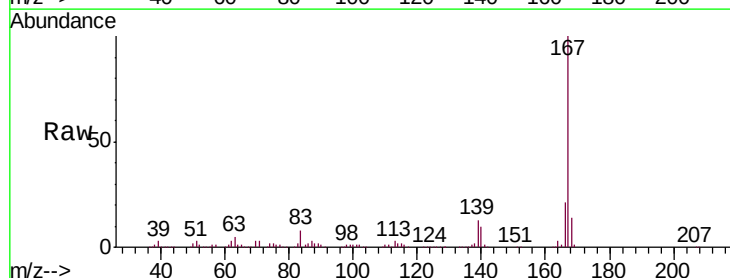
Instrument :
 BNA_N
 ClientSampleId :
 DBCX6

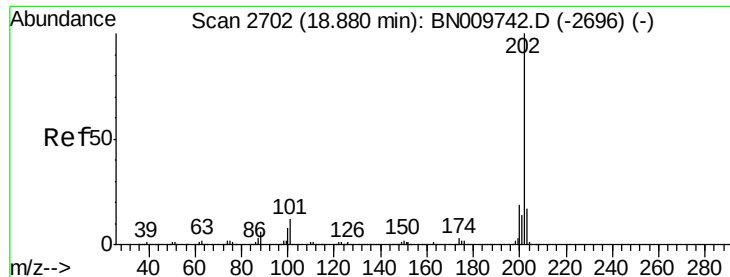
Tgt Ion:178 Resp: 1074806
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.2 18.2
 176 19.0 14.6 21.8



#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

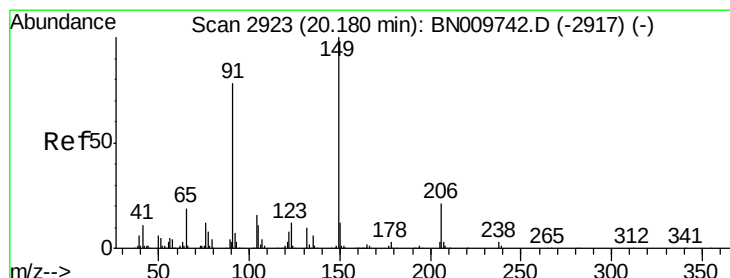
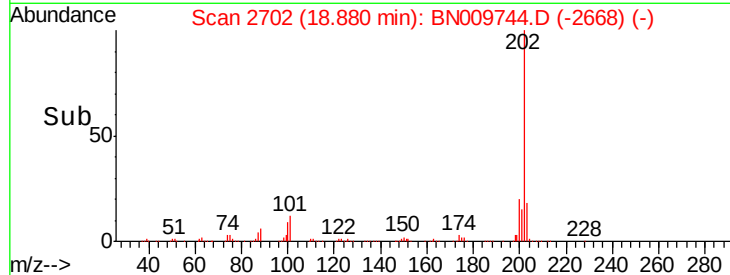
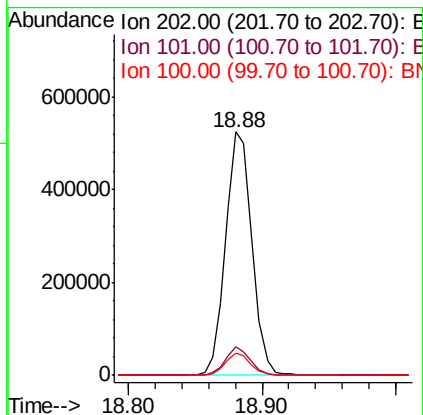
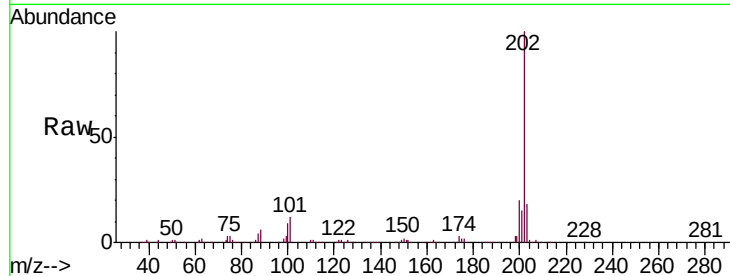




#77
 Fluoranthene
 Concen: 18.429 ng/ul
 RT: 18.88 min Scan# 2702
 Delta R.T. -0.00 min
 Lab File: BN009744.D
 Acq: 18 Feb 2020 15:18

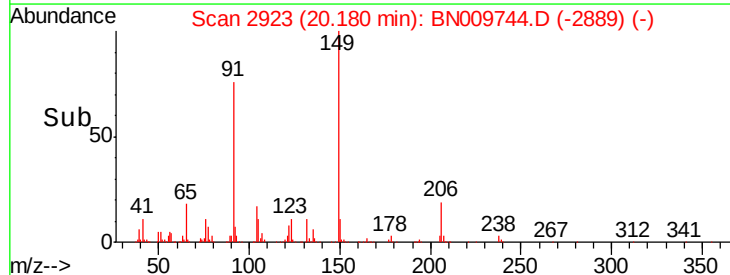
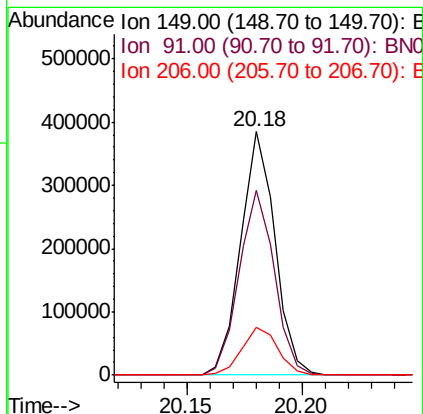
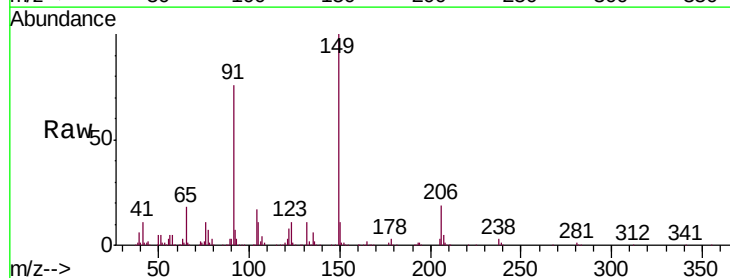
Instrument :
 BNA_N
 ClientSampleId :
 DBCX6

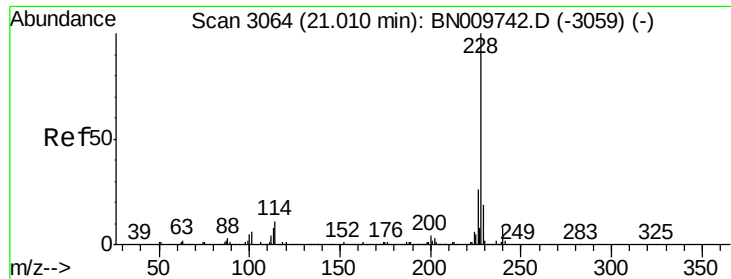
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.4	14.2
100	9.0	7.2	10.8



#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	Ratio	Lower	Upper
149	100		
91	75.9	65.5	98.3
206	19.5	15.9	23.9





#83

Benzo(a)anthracene

Concen: 29.928 ng/ul

RT: 21.07 min Scan# 3074

Delta R.T. 0.06 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

Instrument :

BNA_N

ClientSampleId :

DBCX6

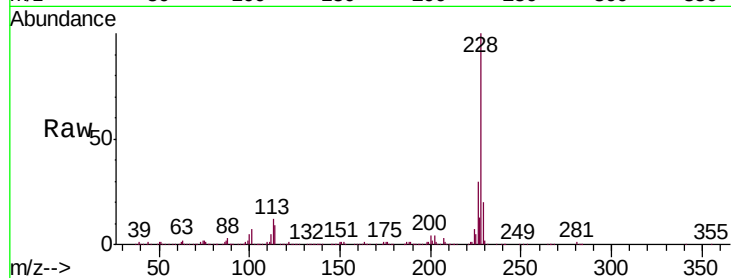
Tgt Ion:228 Resp: 1196522

Ion Ratio Lower Upper

228 100

229 19.6 15.0 22.4

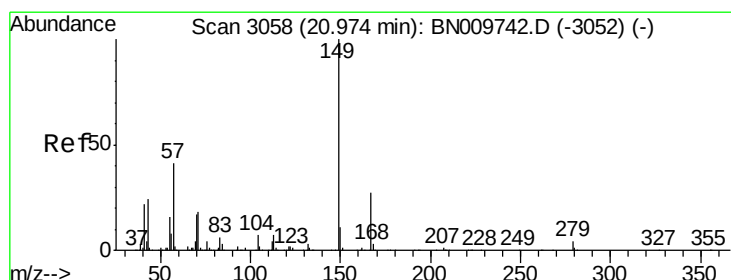
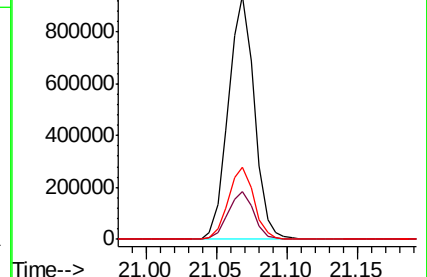
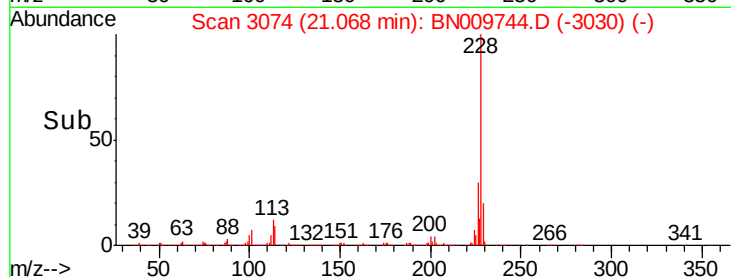
226 29.7 21.4 32.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): 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

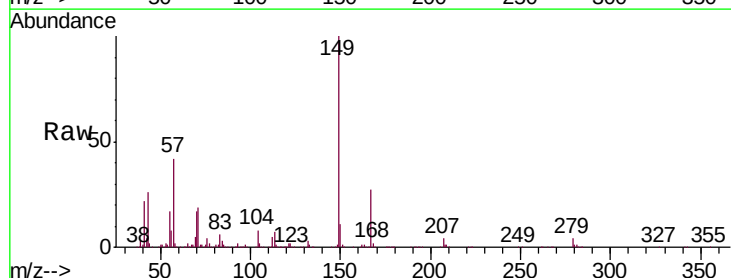
Tgt Ion:149 Resp: 577760

Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.6

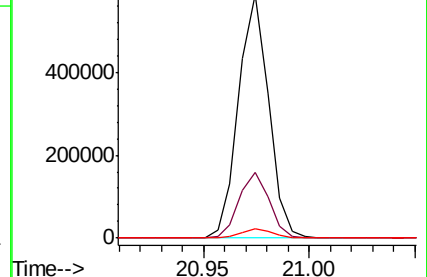
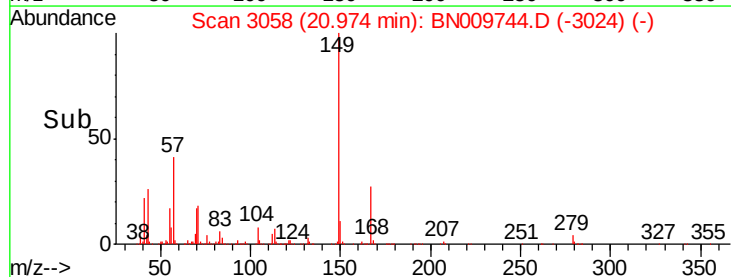
279 4.0 3.0 4.6

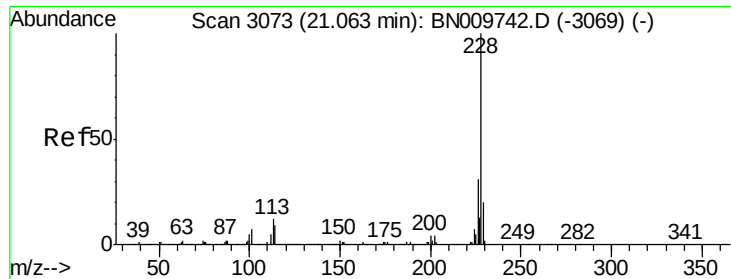


Abundance Ion 149.00 (148.70 to 149.70): E

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

Instrument :

BNA_N

ClientSampleId :

DBCX6

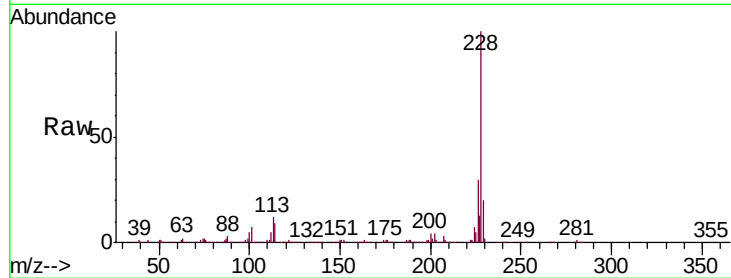
Tgt Ion:228 Resp: 1196522

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

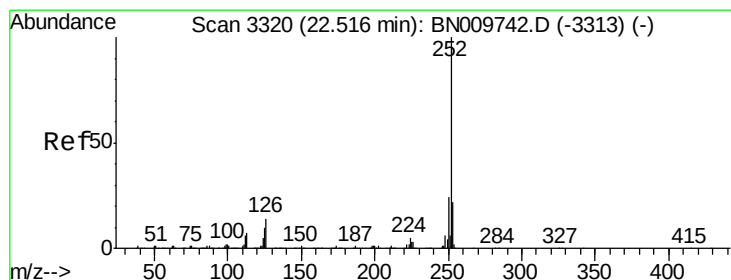
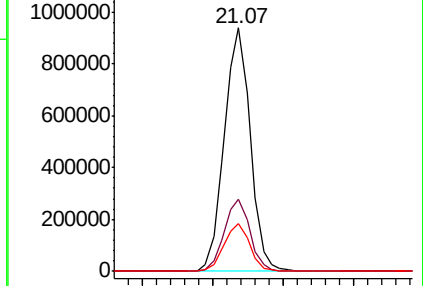
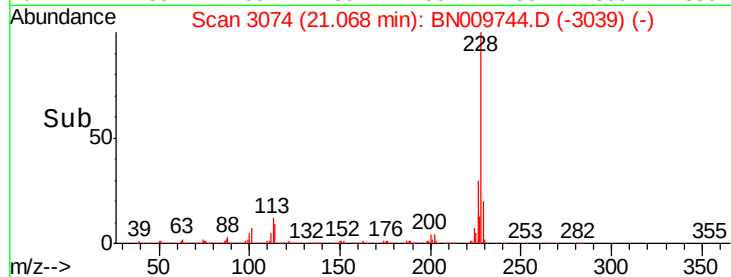
229 19.6 15.0 22.4



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



#88

Benzo(b)fluoranthene

Concen: 39.600 ng/ul

RT: 22.56 min Scan# 3328

Delta R.T. 0.05 min

Lab File: BN009744.D

Acq: 18 Feb 2020 15:18

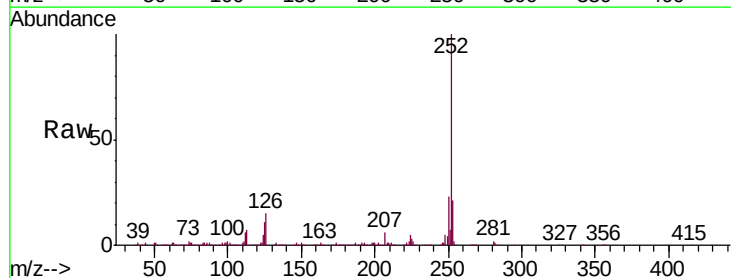
Tgt Ion:252 Resp: 1459200

Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.4

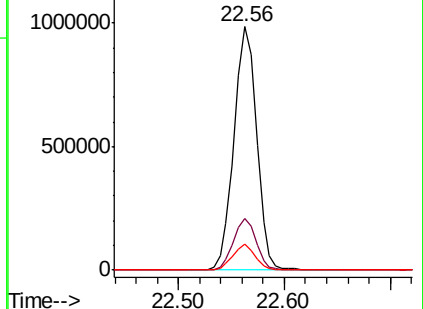
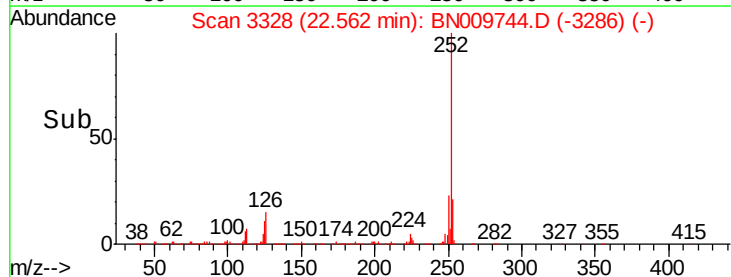
125 10.9 8.0 12.0

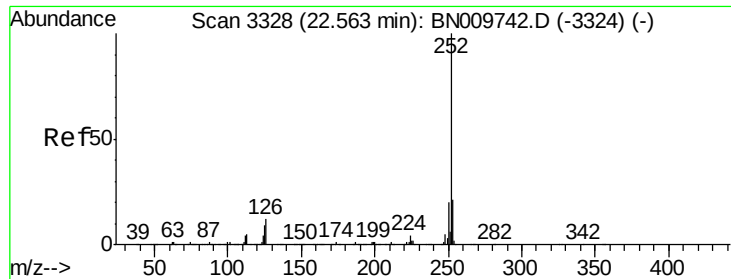


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#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

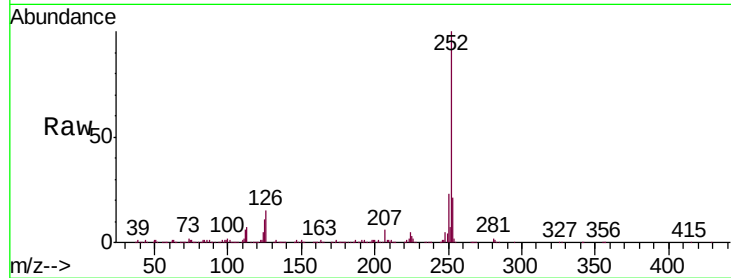
Tgt Ion:252 Resp: 1459200

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

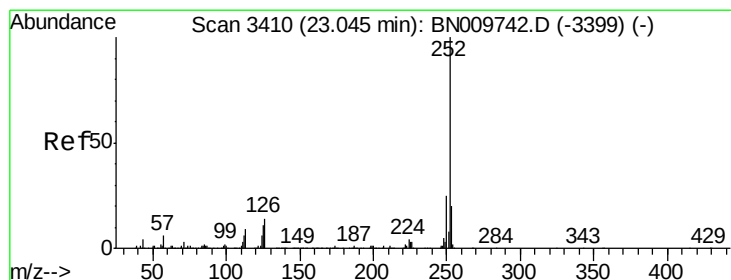
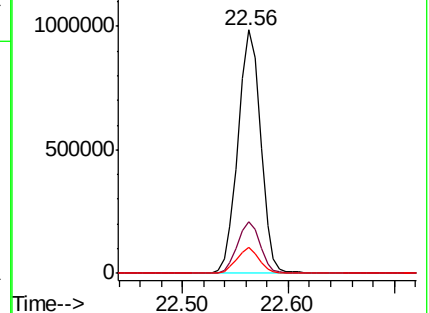
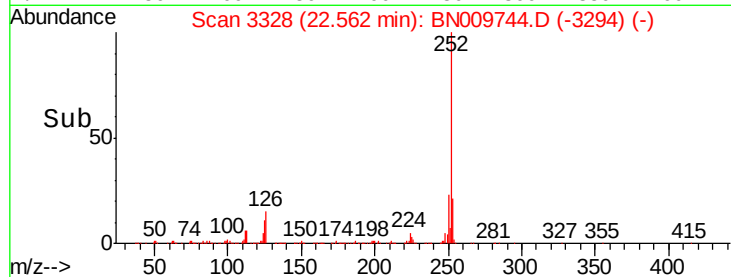
125 10.9 8.2 12.2



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

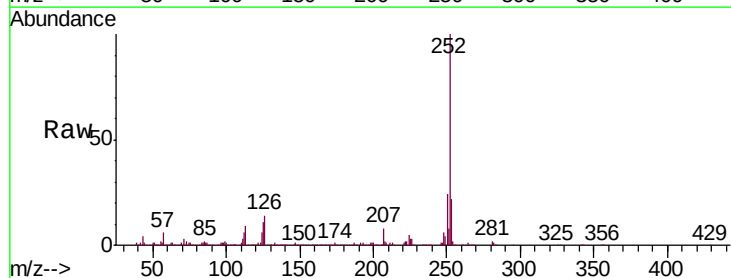
Tgt Ion:252 Resp: 1389970

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

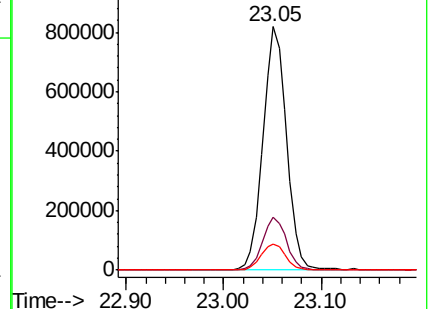
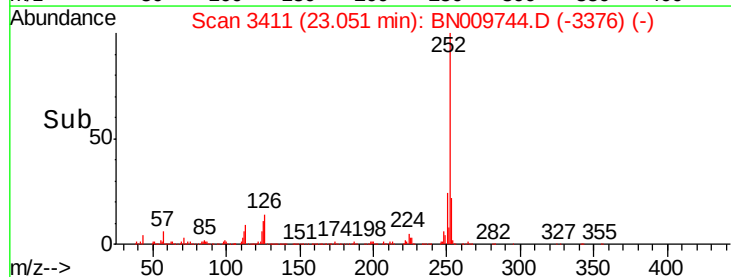
125 10.9 9.0 13.6

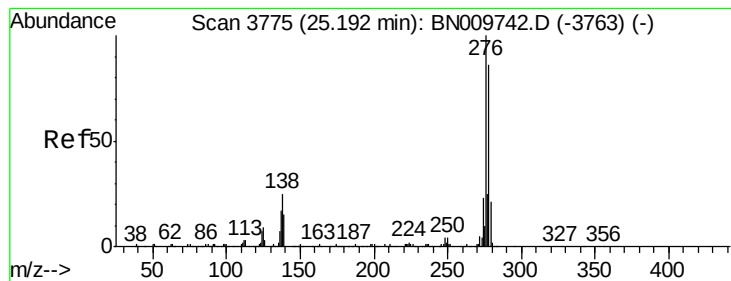


Abundance Ion 252.00 (251.70 to 252.70): E

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

Tgt Ion: 276 Resp: 604983

Ion Ratio Lower Upper

276 100

138 20.2 20.9 31.3#

277 22.9 18.2 27.4

