

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
 Data File : BN009957.D
 Acq On : 27 Feb 2020 09:46
 Operator : CG/JU
 Sample : L1506-24
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBCY0

Quant Time: Feb 27 10:28:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:56:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	89955	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	384970	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	243356	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	543461	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	507700	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	553538	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	8318	3.80	ng/uL	0.00
5) Phenol-d5	6.58	99	217556	28.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	150747	28.55	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	162644	28.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	167347	27.49	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	80507	28.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	88082	28.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	171217	28.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	183056	27.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	547753	30.13	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	633858	29.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	82516	24.86	ng/ul	0.00
58) Fluorene-d10	15.03	176	481515	30.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	57498	17.03	ng/ul	0.00
71) Anthracene-d10	16.88	188	734400	29.48	ng/ul	0.00
79) Pyrene-d10	19.19	212	831995	31.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	861865	31.18	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.05	88	32936	13.108	ng/uL 99
4) Benzaldehyde	6.55	77	143080	28.120	ng/ul 93
6) Phenol	6.61	94	371272	45.281	ng/ul 96
8) Bis(2-Chloroethyl)ether	6.83	93	209097	32.446	ng/ul 96
17) Hexachloroethane	8.42	117	132736	48.085	ng/ul 97
20) Nitrobenzene	8.56	77	146323	17.631	ng/ul 97
23) 2-Nitrophenol	9.26	139	123917	35.943	ng/ul 98
28) Naphthalene	10.18	128	755649	36.400	ng/ul 98
34) 2-Methylnaphthalene	11.80	142	757444	52.546	ng/ul 97
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	133709	18.536	ng/ul 96
40) 2,4,5-Trichlorophenol	12.51	196	275415	56.077	ng/ul 99
41) 1,1'-Biphenyl	12.84	154	694098	37.135	ng/ul 99
42) 2-Chloronaphthalene	12.87	162	530009	35.705	ng/ul 98
48) Acenaphthylene	13.73	152	744971	32.150	ng/ul 99
50) Acenaphthene	14.09	153	461831	29.074	ng/ul 98
53) 4-Nitrophenol	14.28	109	71086	23.730	ng/ul 93
54) Dibenzofuran	14.43	168	338270	15.172	ng/ul 95
55) 2,4-Dinitrotoluene	14.43	165	122788	22.313	ng/ul 93
57) Diethylphthalate	14.88	149	347009	17.817	ng/ul 98
59) Fluorene	15.08	166	621362	33.208	ng/ul 99
67) Hexachlorobenzene	16.09	284	80019	13.298	ng/ul 95
70) Phenanthrene	16.82	178	837786	27.012	ng/ul 97
72) Anthracene	16.92	178	1406447	44.359	ng/ul 99

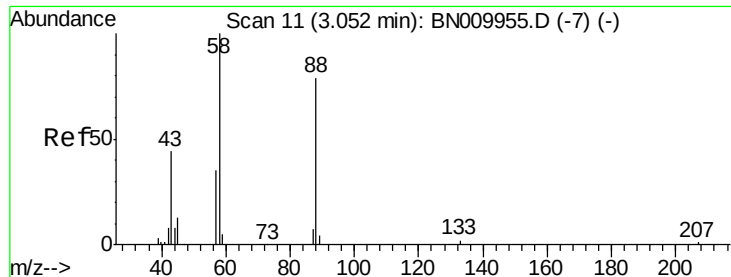
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:56:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Fluoranthene	18.85	202	917873	25.265	ng/ul	99
80) Pyrene	19.22	202	839937	22.947	ng/ul	99
83) Benzo(a)anthracene	20.99	228	733826	21.033	ng/ul	100
85) Chrysene	21.04	228	599222	17.445	ng/ul	98
87) Di-n-octyl phthalate	21.79	149	739408	17.649	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	1234776	34.405	ng/ul	100
89) Benzo(k)fluoranthene	22.53	252	611510	17.995	ng/ul	98
91) Benzo(a)pyrene	23.01	252	689214	21.352	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.14	276	705833	18.418	ng/ul	97
93) Dibenzo(a,h)anthracene	25.14	278	413812	12.622	ng/ul	96
94) Benzo(a,h,i)perylene	25.76	276	984662	30.642	ng/ul	99

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



#2

1,4-Dioxane

Concen: 13.108 ng/uL

RT: 3.05 min Scan# 11

Delta R.T. -0.01 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

Instrument :

BNA_N

ClientSampleId :

DBCY0

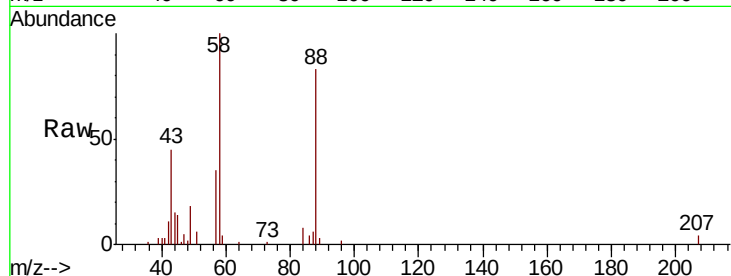
Tot Ion: 88 Resp: 32936

Ion Ratio Lower Upper

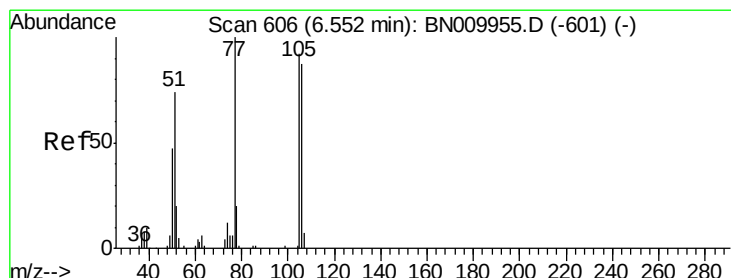
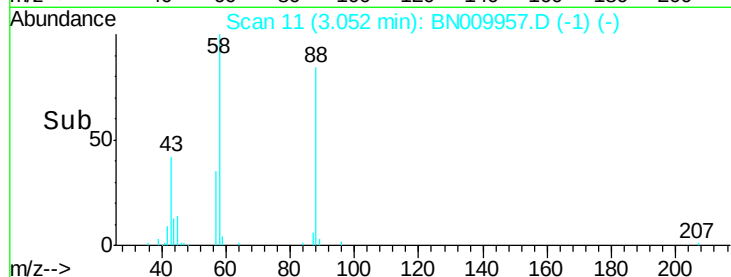
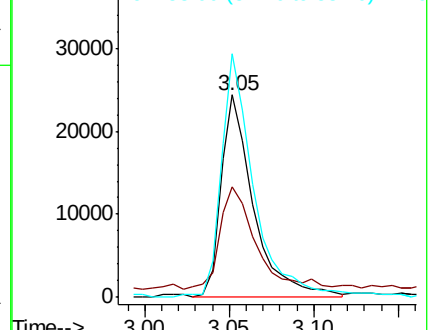
88 100

43 54.4 44.7 67.1

58 120.2 96.2 144.2



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 28.120 ng/uL

RT: 6.55 min Scan# 605

Delta R.T. -0.01 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

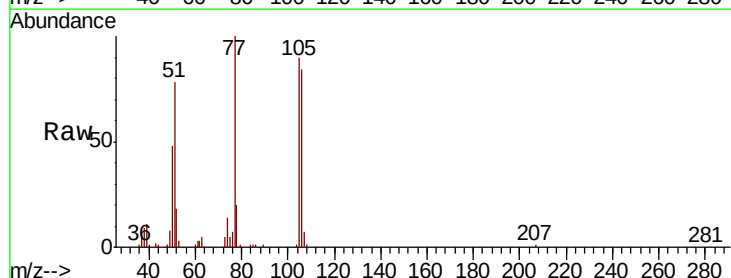
Tgt Ion: 77 Resp: 143080

Ion Ratio Lower Upper

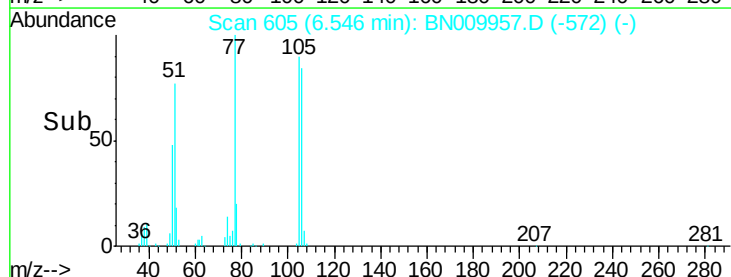
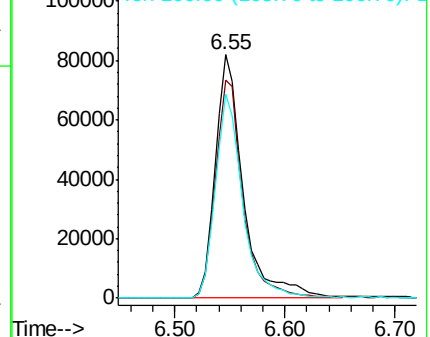
77 100

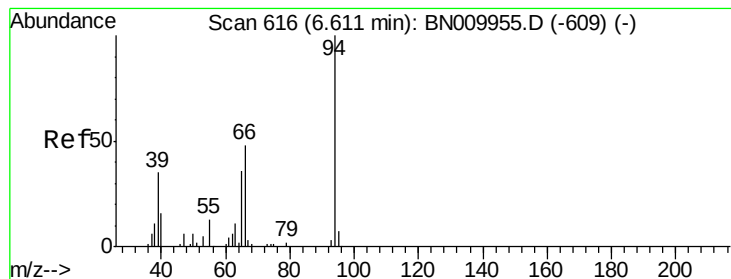
105 89.6 78.2 117.2

106 83.8 70.9 106.3



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): BN0
Ion 106.00 (105.70 to 106.70): BN0





#6

Phenol

Concen: 45.281 ng/ul

RT: 6.61 min Scan# 616

Delta R.T. -0.01 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

Instrument :

BNA_N

ClientSampleId :

DBCY0

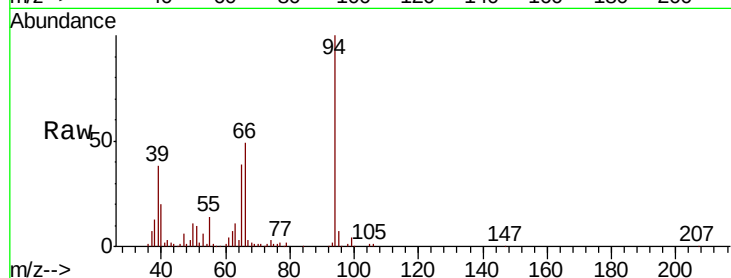
Tot Ion: 94 Resp: 371272

Ion Ratio Lower Upper

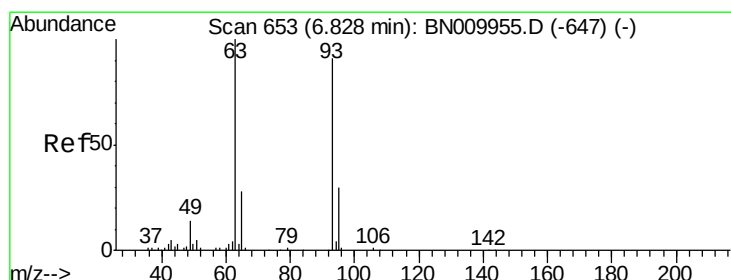
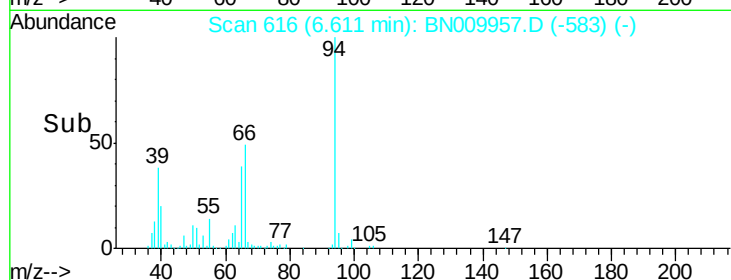
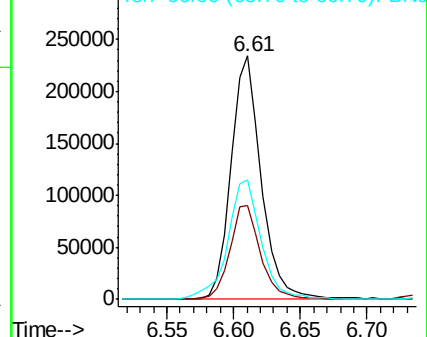
94 100

65 38.8 27.6 41.4

66 49.2 38.5 57.7



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0



#8

Bis(2-Chloroethyl)ether

Concen: 32.446 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

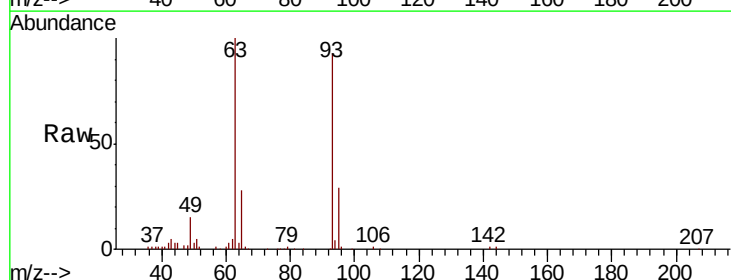
Tgt Ion: 93 Resp: 209097

Ion Ratio Lower Upper

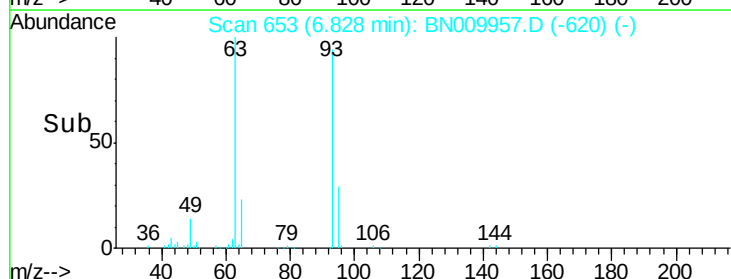
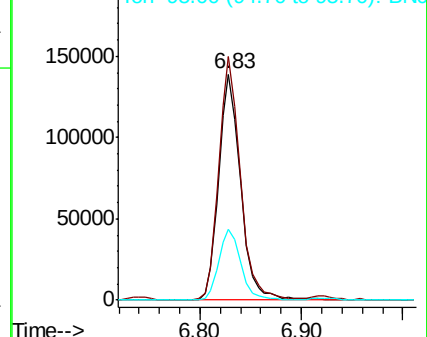
93 100

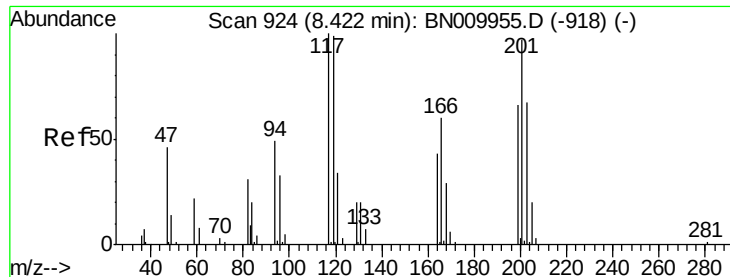
63 107.8 82.7 124.1

95 31.4 26.6 40.0



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0

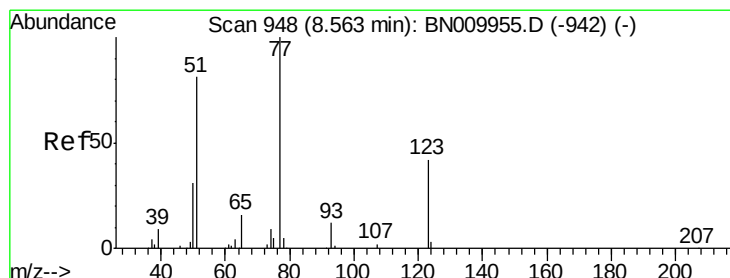
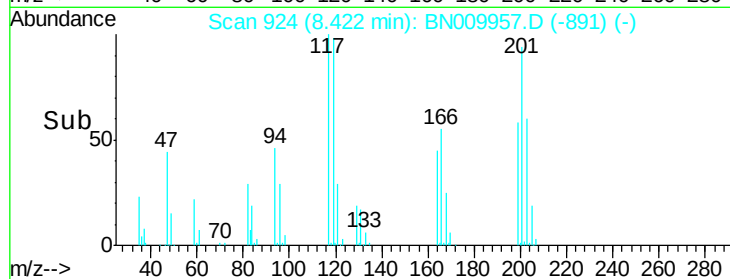
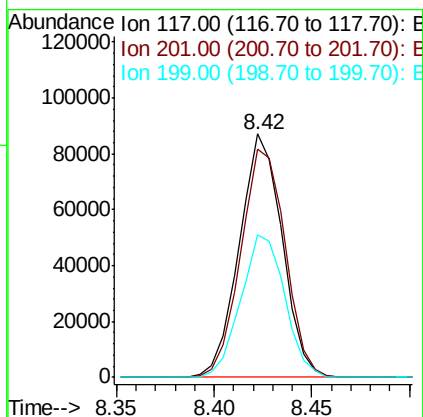
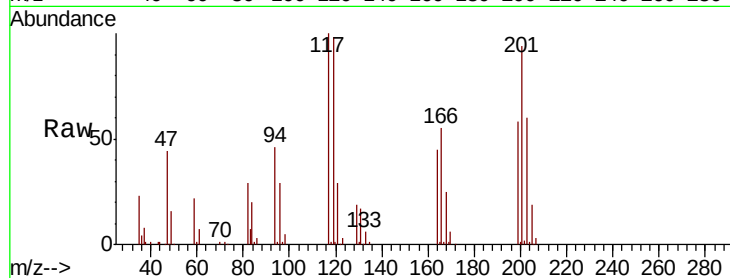




#17
Hexachloroethane
Concen: 48.085 ng/ul
RT: 8.42 min Scan# 924
Delta R.T. -0.01 min
Lab File: BN009957.D
Acq: 27 Feb 2020 09:46

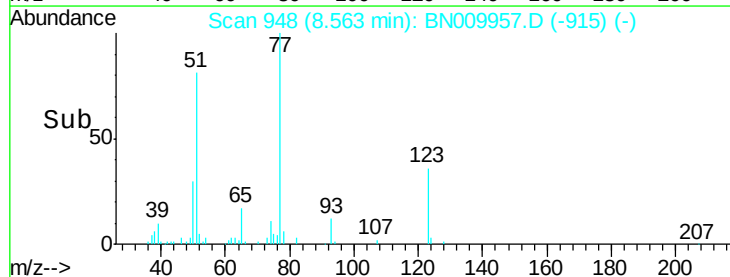
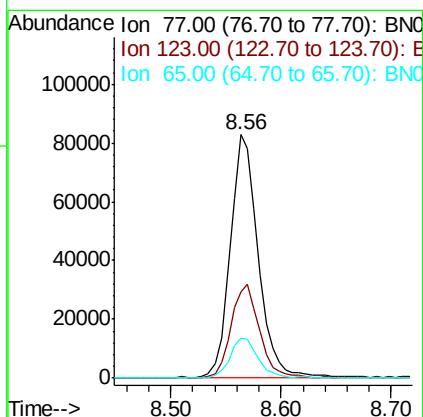
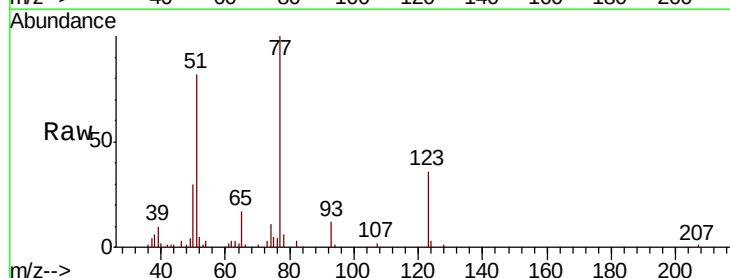
Instrument :
BNA_N
ClientSampleId :
DBCY0

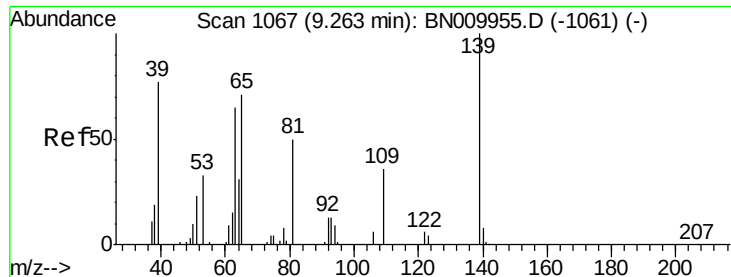
Tot Ion:117 Resp: 132736
Ion Ratio Lower Upper
117 100
201 93.7 76.6 115.0
199 58.5 49.1 73.7



#20
Nitrobenzene
Concen: 17.631 ng/ul
RT: 8.56 min Scan# 948
Delta R.T. -0.01 min
Lab File: BN009957.D
Acq: 27 Feb 2020 09:46

Tgt Ion: 77 Resp: 146323
Ion Ratio Lower Upper
77 100
123 35.6 30.5 45.7
65 16.6 13.4 20.2

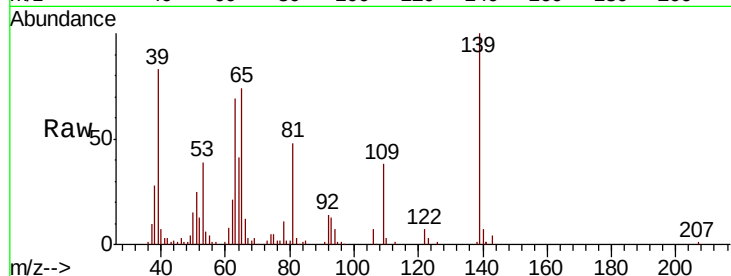




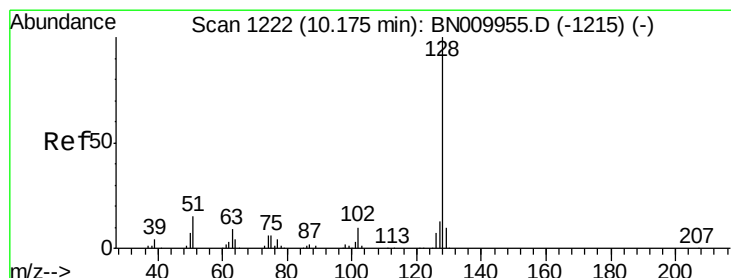
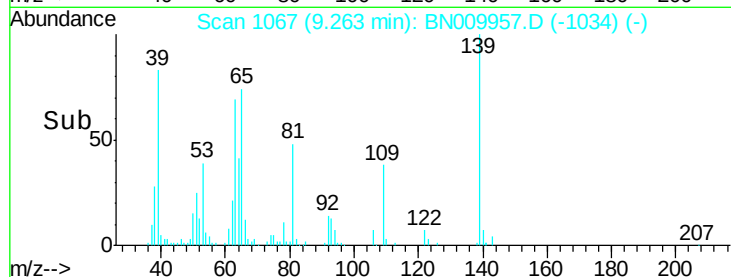
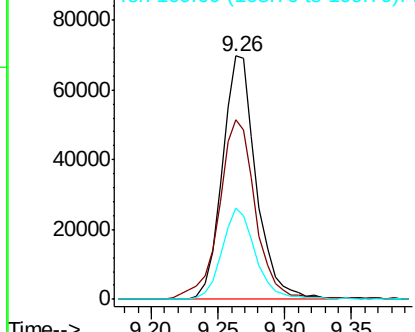
#23
2-Nitrophenol
Concen: 35.943 ng/ul
RT: 9.26 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BN009957.D
Acq: 27 Feb 2020 09:46

Instrument :
BNA_N
ClientSampleId :
DBCY0

Tot Ion	Ratio	Lower	Upper
139	100		
65	73.8	58.0	87.0
109	37.6	28.8	43.2

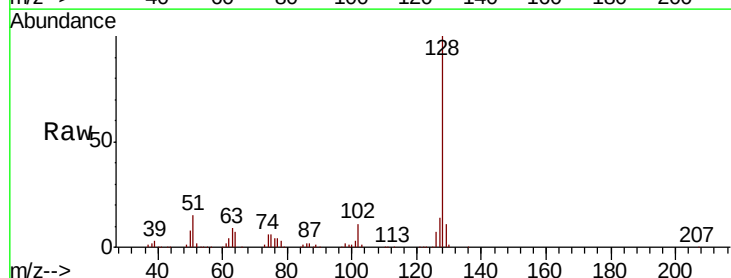


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO
Ion 109.00 (108.70 to 109.70): E

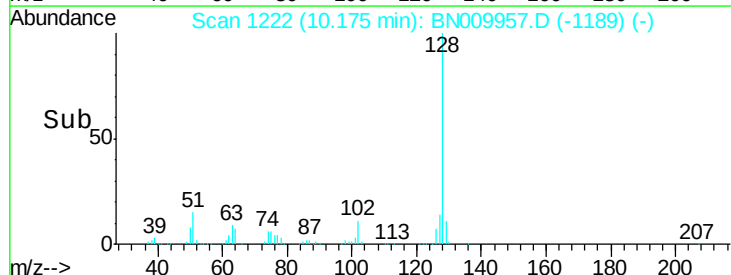
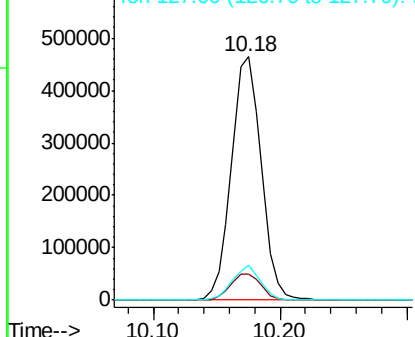


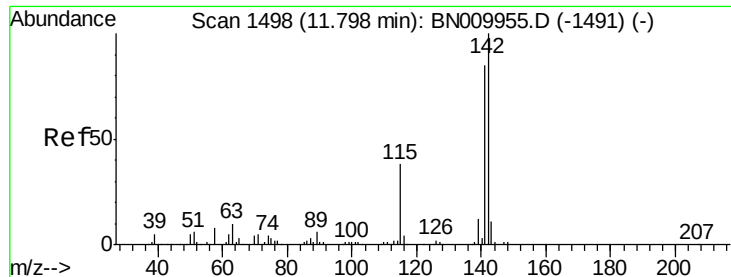
#28
Naphthalene
Concen: 36.400 ng/ul
RT: 10.18 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BN009957.D
Acq: 27 Feb 2020 09:46

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	14.2	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





#34

2-Methylnaphthalene

Concen: 52.546 ng/ul

RT: 11.80 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

Instrument :

BNA_N

ClientSampled :

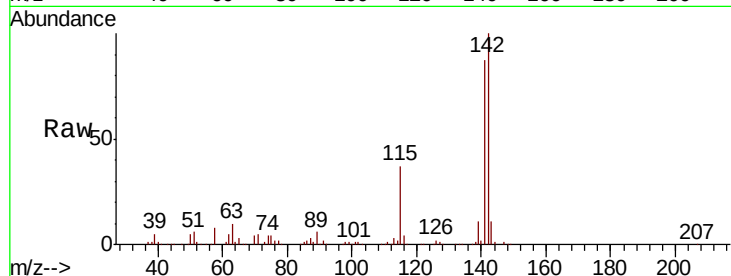
DBCY0

Tot Ion:142 Resp: 757444

Ion Ratio Lower Upper

142 100

141 86.9 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.80

500000

400000

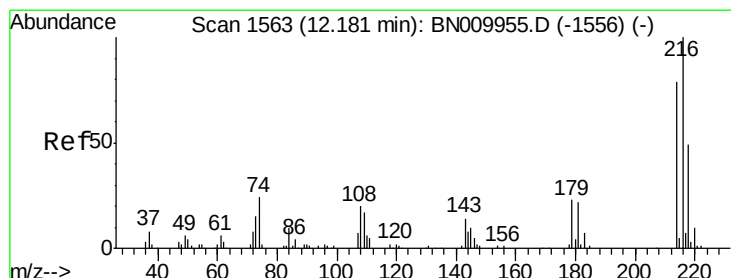
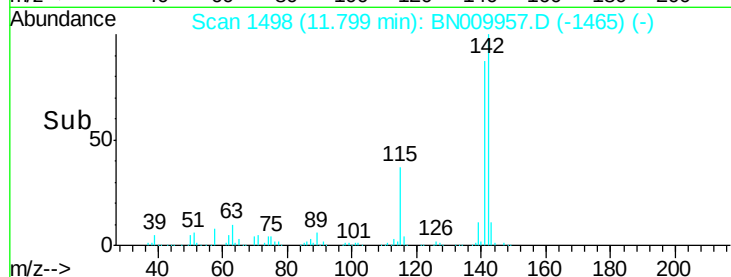
300000

200000

100000

0

Time-->



#37

1,2,4,5-Tetrachlorobenzene

Concen: 18.536 ng/ul

RT: 12.19 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

Tgt Ion:216 Resp: 133709

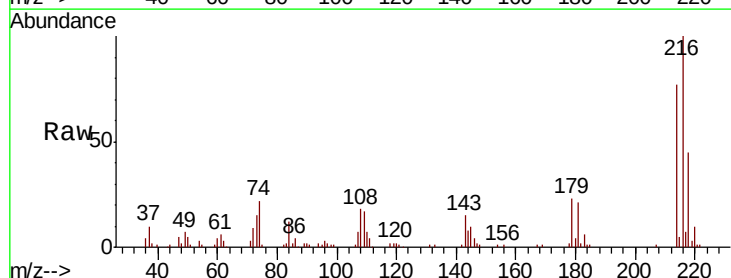
Ion Ratio Lower Upper

216 100

214 77.2 64.8 97.2

179 22.6 17.6 26.4

108 18.4 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

12.19

120000

100000

80000

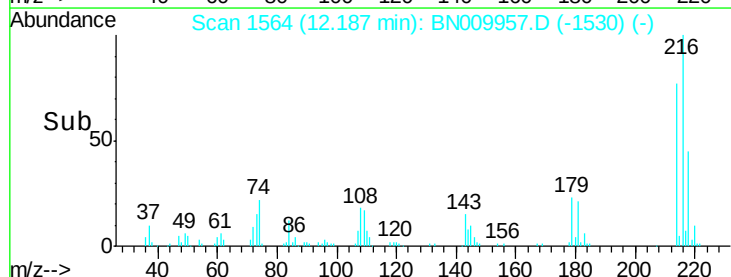
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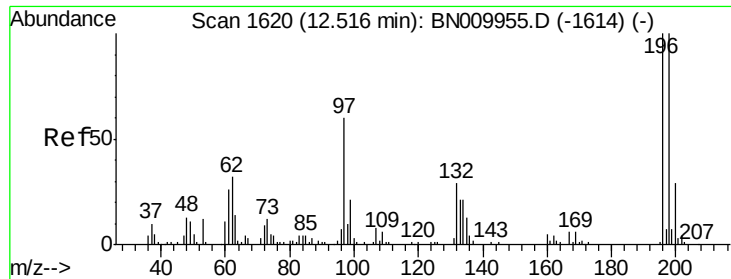
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Time-->

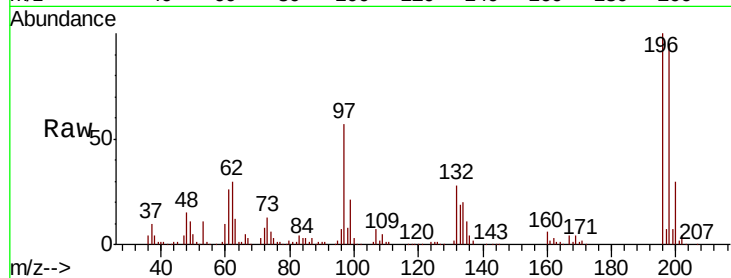




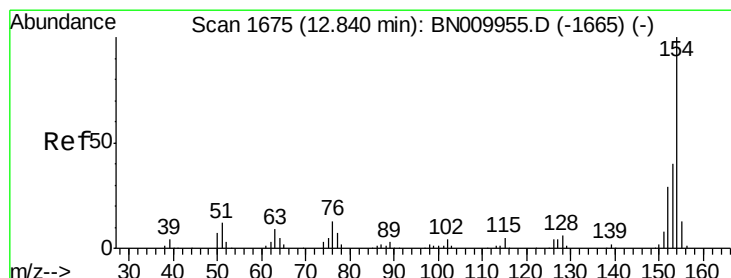
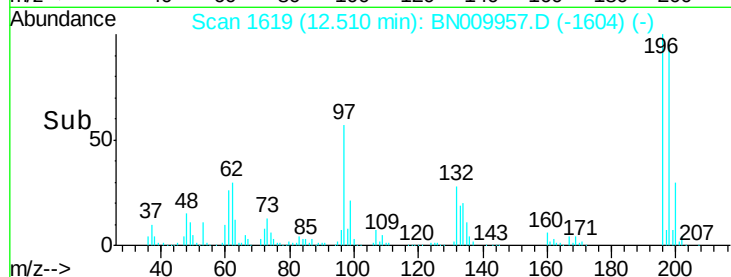
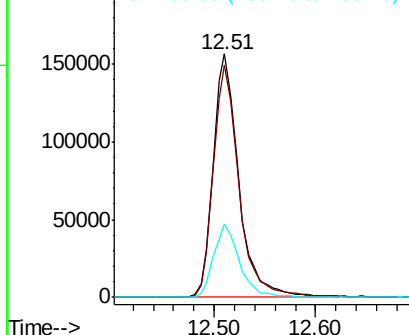
#40
 2,4,5-Trichlorophenol
 Concen: 56.077 ng/ul
 RT: 12.51 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BN009957.D
 Acq: 27 Feb 2020 09:46

Instrument :
 BNA_N
 ClientSampleId :
 DBCY0

Tot Ion:196 Resp: 275415
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.0 112.6
 200 30.2 24.2 36.4

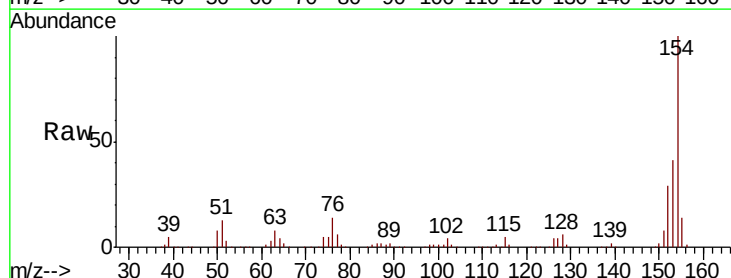


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

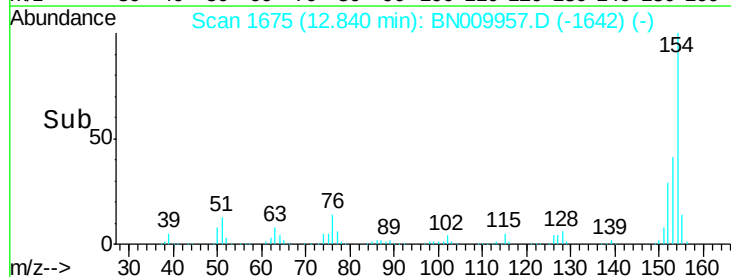
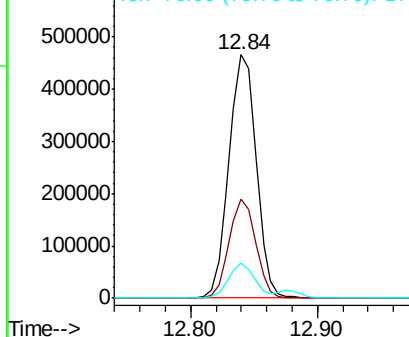


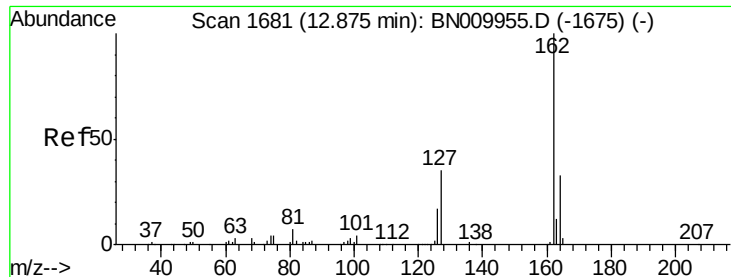
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 1,1'-Biphenyl
 Concen: 37.135 ng/ul
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BN009957.D
 Acq: 27 Feb 2020 09:46

Tgt Ion:154 Resp: 694098
 Ion Ratio Lower Upper
 154 100
 153 40.8 33.2 49.8
 76 14.5 11.0 16.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

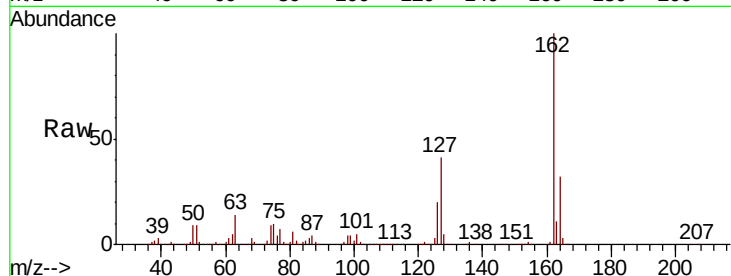




#42
2-Chloronaphthalene
Concen: 35.705 ng/ul
RT: 12.87 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BN009957.D
Acq: 27 Feb 2020 09:46

Instrument :
BNA_N
ClientSampled :
DBCY0

Tot Ion	Ratio	Lower	Upper
162	100		
164	31.8	25.7	38.5
127	41.0	31.4	47.2

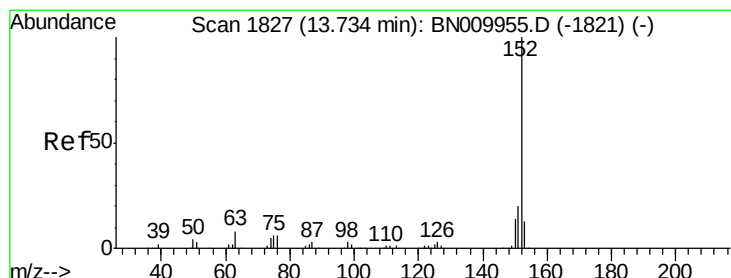
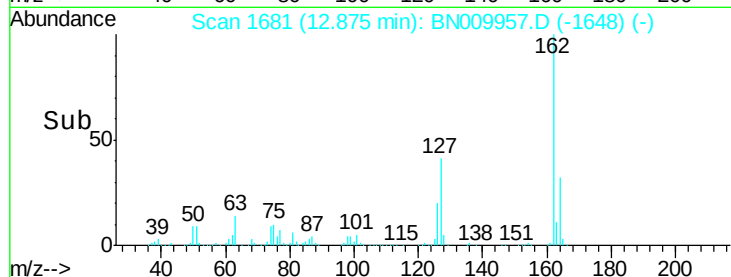
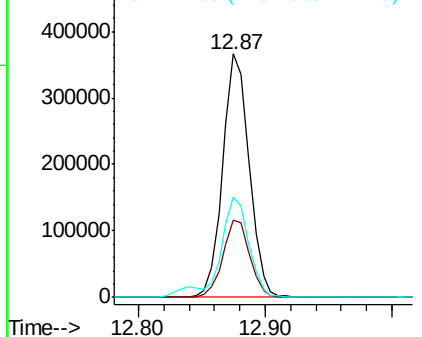


Abundance

Ion 162.00 (161.70 to 162.70): E

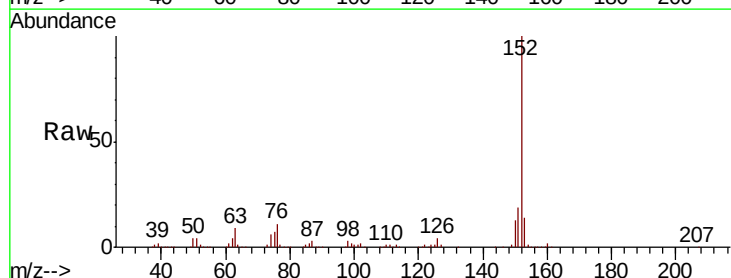
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#48
Acenaphthylene
Concen: 32.150 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN009957.D
Acq: 27 Feb 2020 09:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.5	10.3	15.5

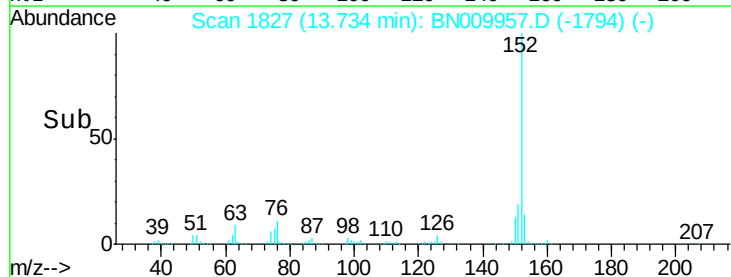
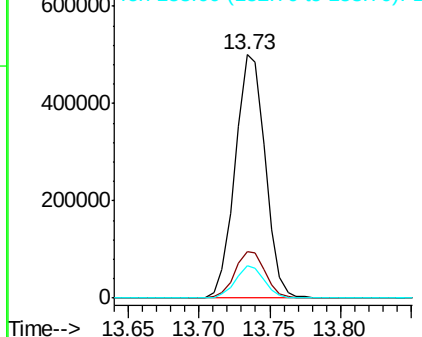


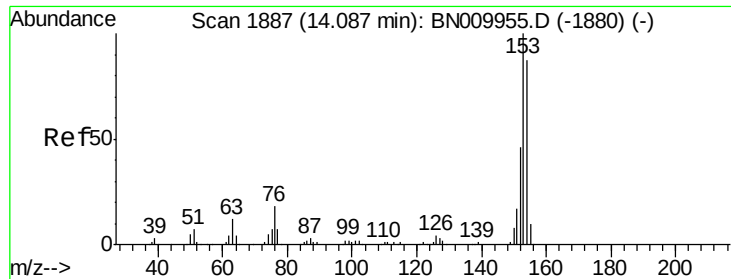
Abundance

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





#50

Acenaphthene

Concen: 29.074 ng/ul

RT: 14.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

Instrument :

BNA_N

ClientSampleId :

DBCY0

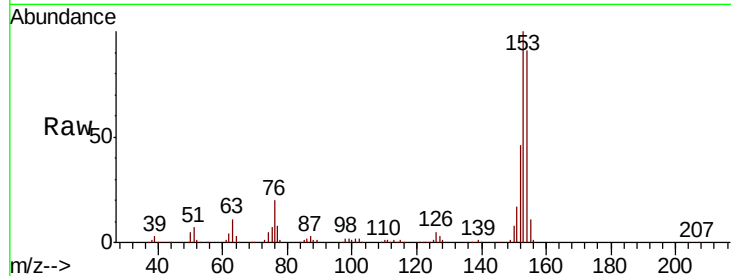
Tot Ion:153 Resp: 461831

Ion Ratio Lower Upper

153 100

152 46.4 36.6 54.8

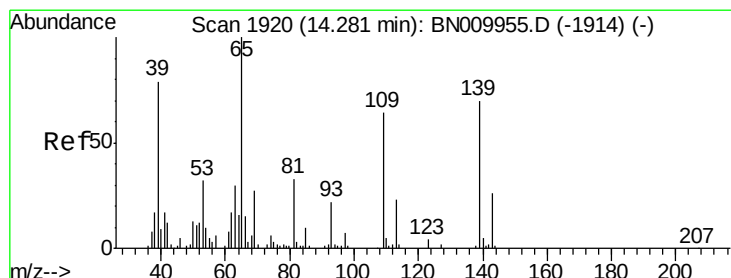
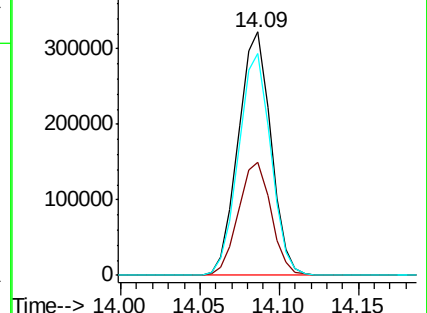
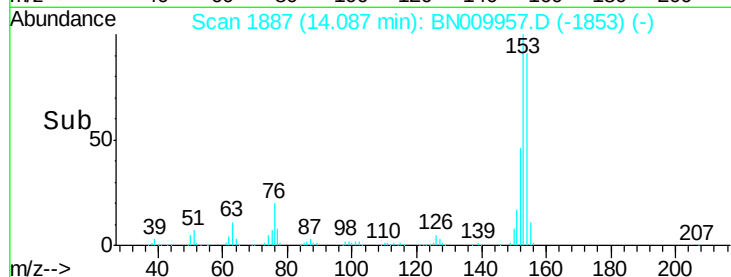
154 91.2 70.6 106.0



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



#53

4-Nitrophenol

Concen: 23.730 ng/ul

RT: 14.28 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

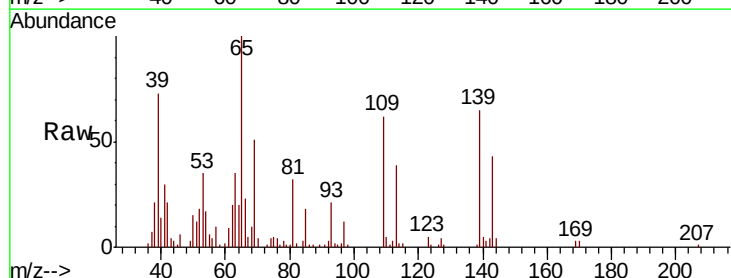
Tgt Ion:109 Resp: 71086

Ion Ratio Lower Upper

109 100

139 103.6 96.3 144.5

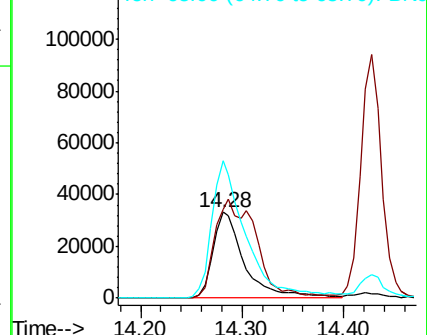
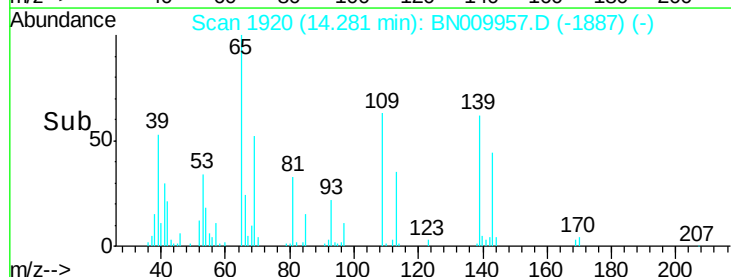
65 160.7 129.9 194.9

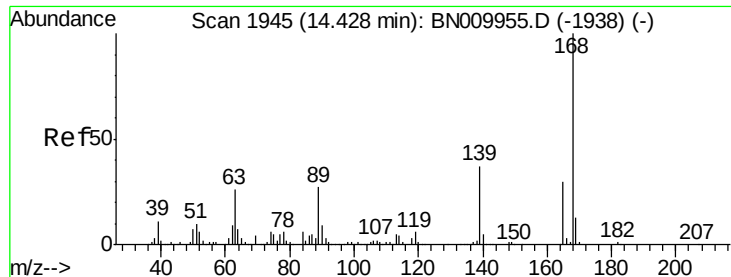


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC





#54

Dibenzofuran

Concen: 15.172 ng/ul

RT: 14.43 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

Instrument :

BNA_N

ClientSampled :

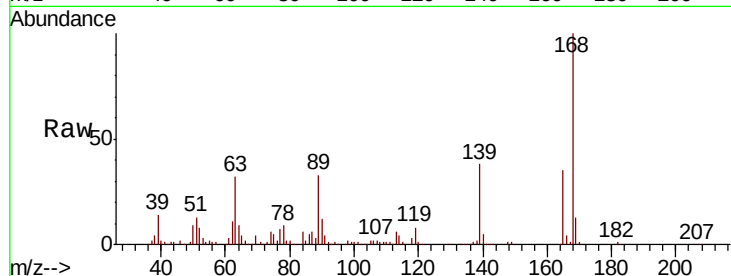
DBCY0

Tot Ion:168 Resp: 338270

Ion Ratio Lower Upper

168 100

139 38.0 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

250000

200000

150000

100000

50000

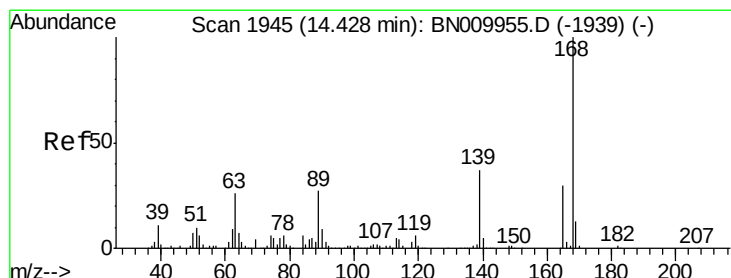
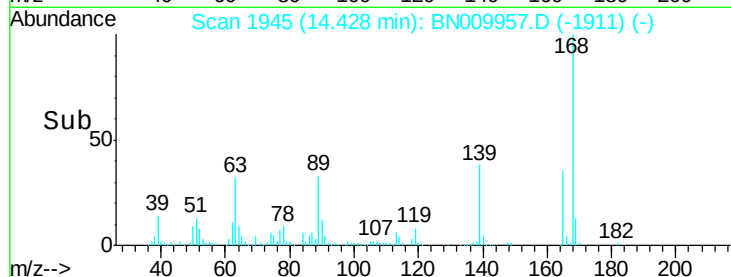
0

14.40

14.43

14.50

Time-->



#55

2,4-Dinitrotoluene

Concen: 22.313 ng/ul

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

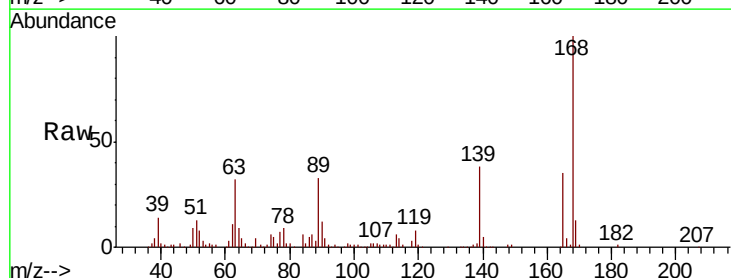
Tgt Ion:165 Resp: 122788

Ion Ratio Lower Upper

165 100

63 91.6 68.3 102.5

182 3.2 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E

120000

100000

80000

60000

40000

20000

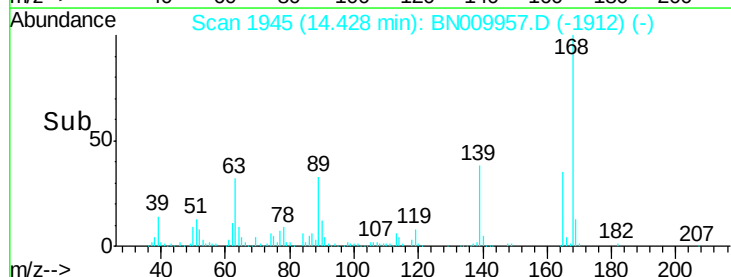
0

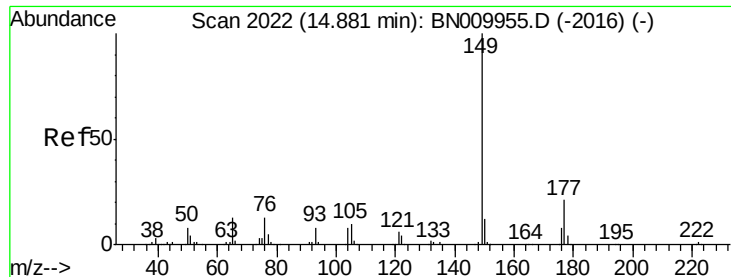
14.40

14.43

14.50

Time-->





#57

Diethylphthalate

Concen: 17.817 ng/ul

RT: 14.88 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

Instrument :

BNA_N

ClientSampleId :

DBCY0

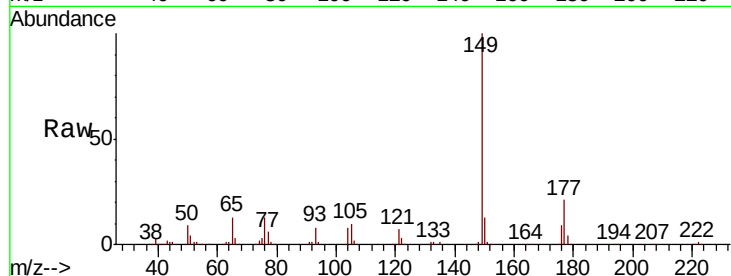
Tot Ion:149 Resp: 347009

Ion Ratio Lower Upper

149 100

177 21.3 17.8 26.6

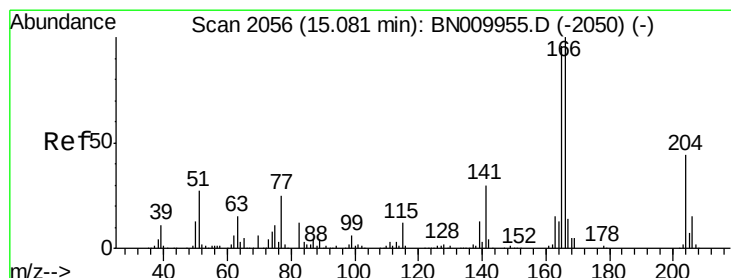
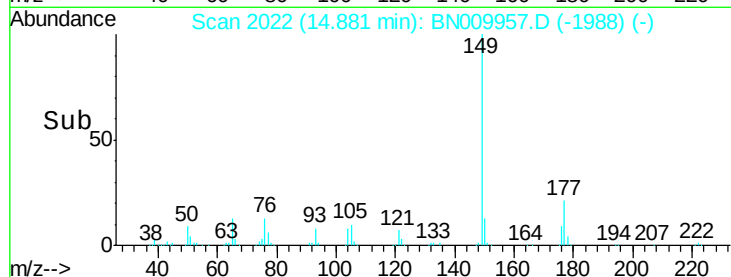
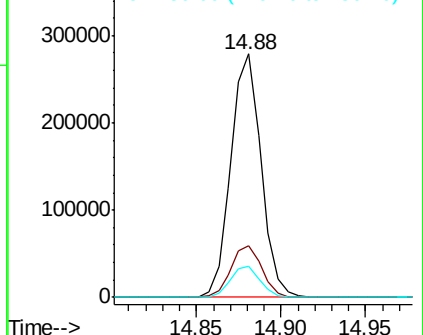
150 12.9 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#59

Fluorene

Concen: 33.208 ng/ul

RT: 15.08 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

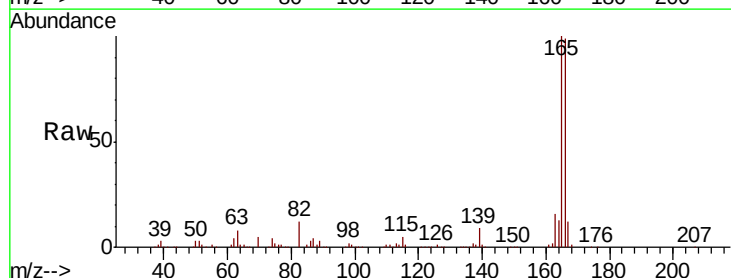
Tgt Ion:166 Resp: 621362

Ion Ratio Lower Upper

166 100

165 100.8 79.8 119.8

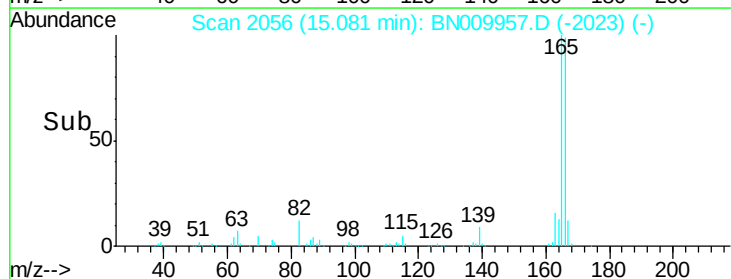
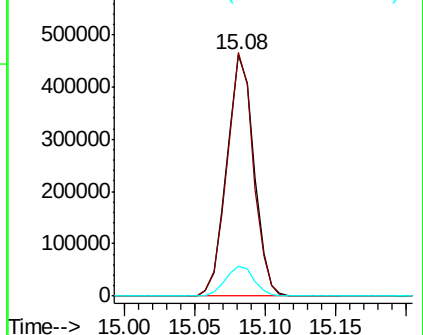
167 12.6 10.7 16.1

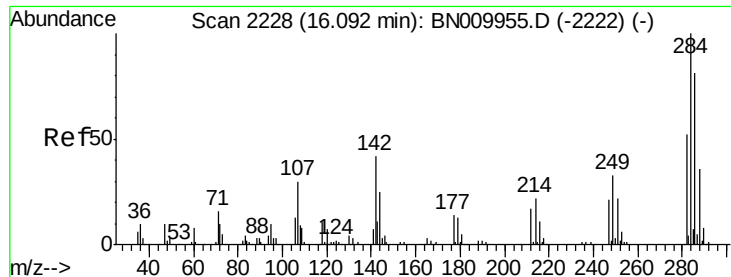


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#67

Hexachlorobenzene

Concen: 13.298 ng/ul

RT: 16.09 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

Instrument :

BNA_N

ClientSampleId :

DBCY0

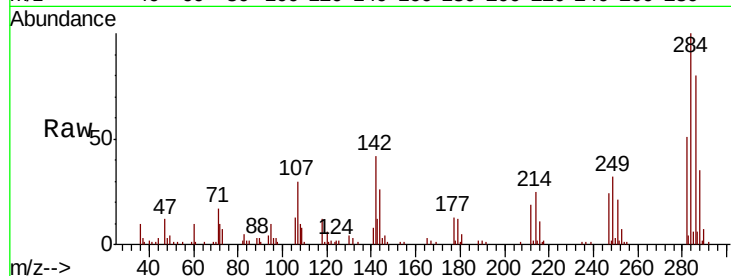
Tot Ion:284 Resp: 80019

Ion Ratio Lower Upper

284 100

142 41.6 34.4 51.6

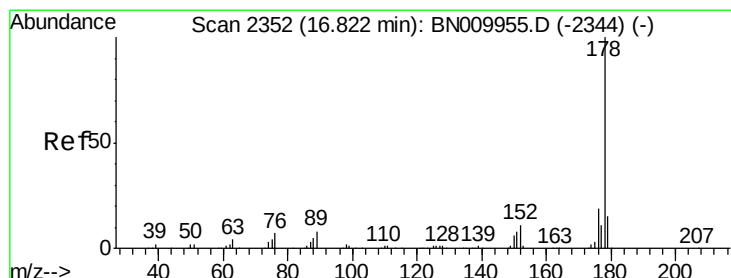
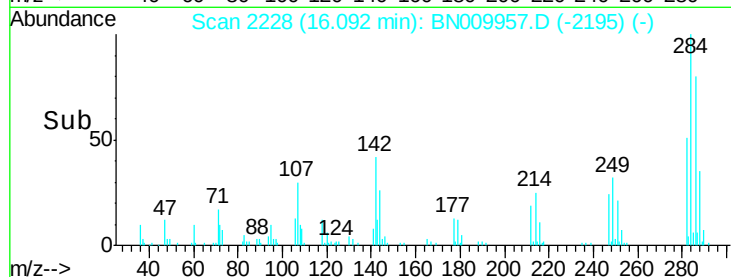
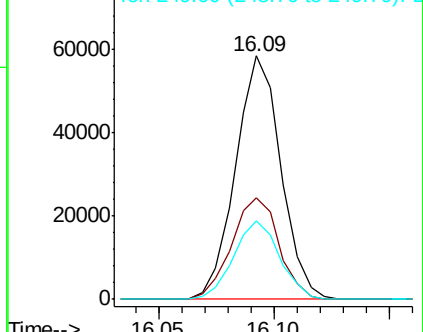
249 32.2 29.7 44.5



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#70

Phenanthrene

Concen: 27.012 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

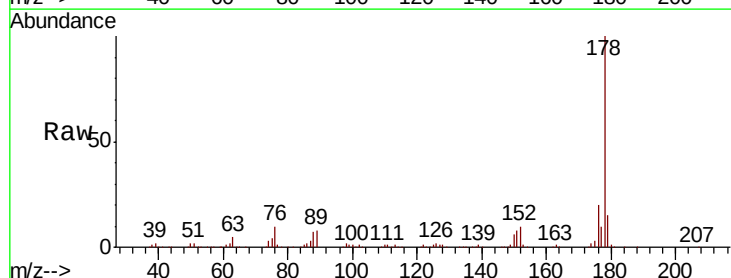
Tgt Ion:178 Resp: 837786

Ion Ratio Lower Upper

178 100

179 14.8 12.5 18.7

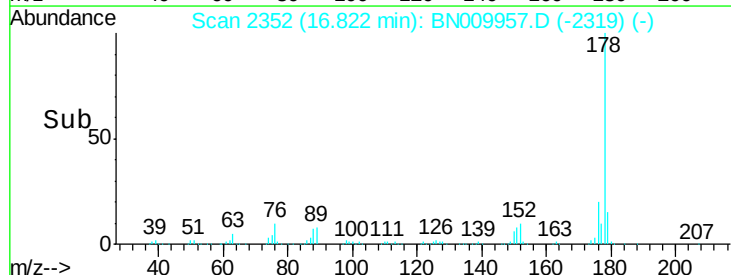
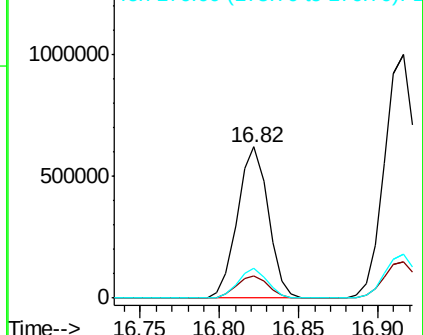
176 19.9 14.6 22.0

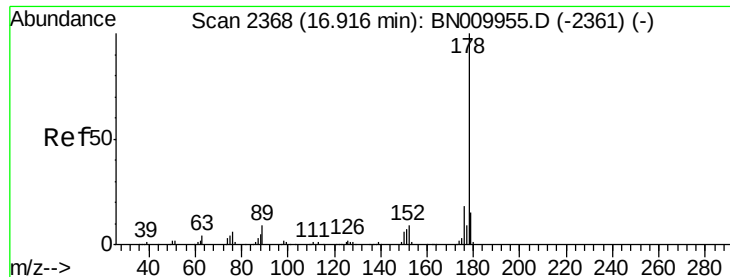


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 44.359 ng/ul

RT: 16.92 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

Instrument :

BNA_N

ClientSampleId :

DBCY0

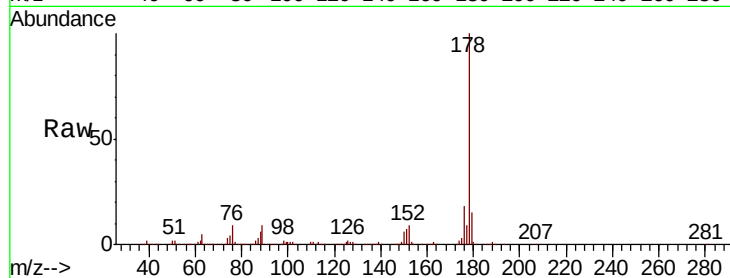
Tot Ion:178 Resp: 1406447

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

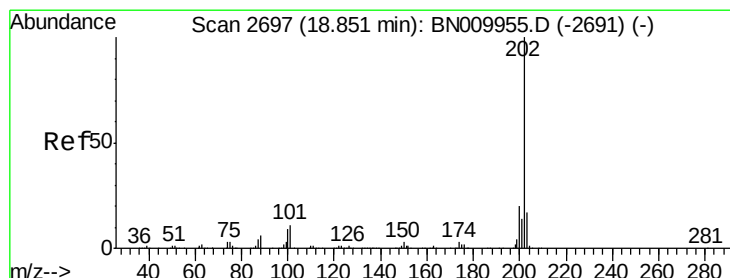
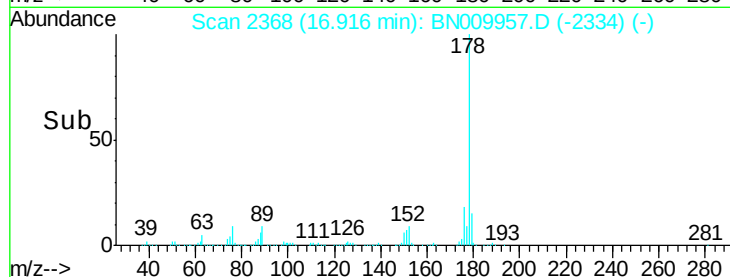
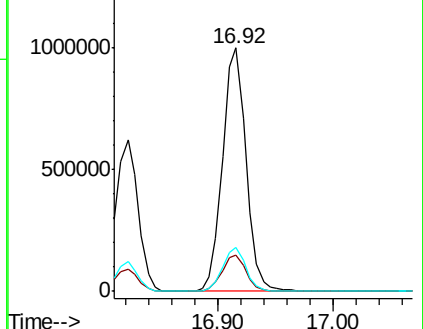
176 17.8 14.6 21.8



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



#77

Fluoranthene

Concen: 25.265 ng/ul

RT: 18.85 min Scan# 2697

Delta R.T. -0.01 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

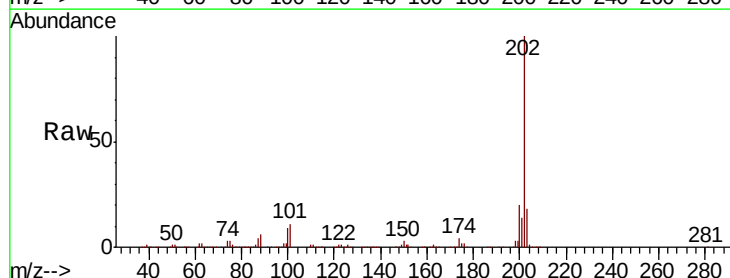
Tgt Ion:202 Resp: 917873

Ion Ratio Lower Upper

202 100

101 10.9 9.4 14.2

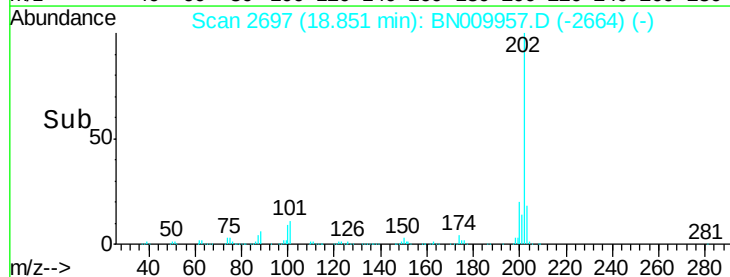
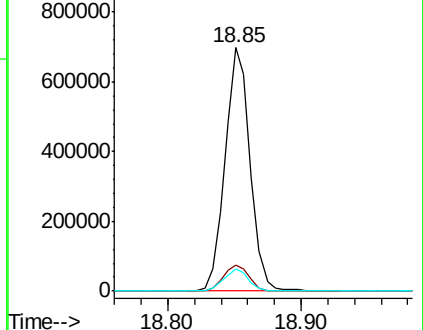
100 9.0 7.2 10.8

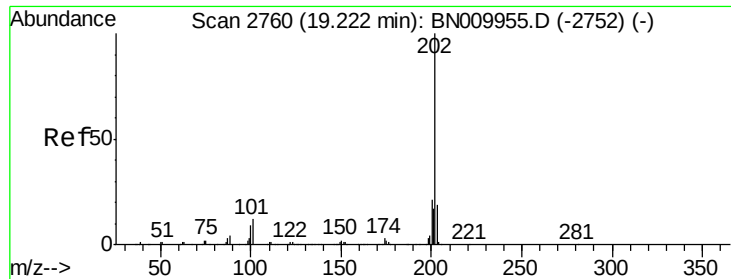


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

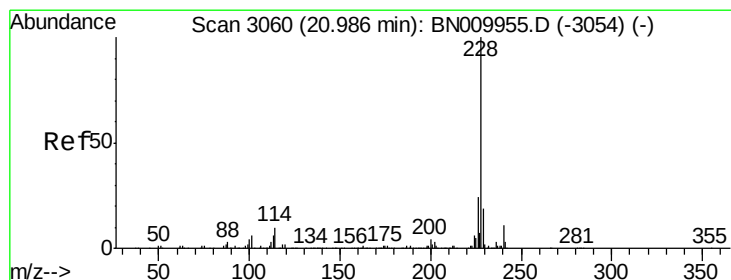
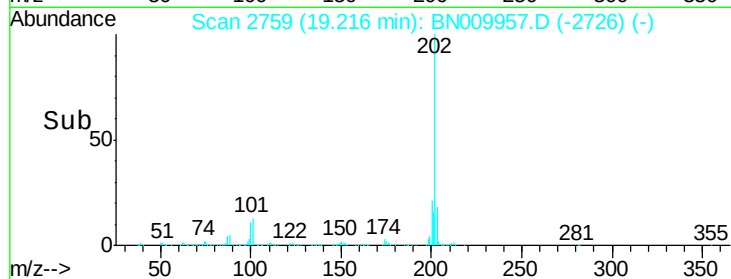
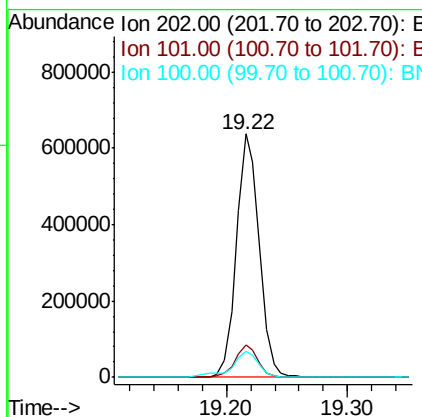
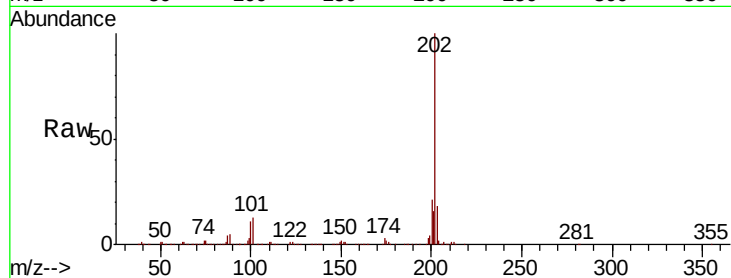




#80
 Pvrene
 Concen: 22.947 ng/ul
 RT: 19.22 min Scan# 2759
 Delta R.T. -0.01 min
 Lab File: BN009957.D
 Acq: 27 Feb 2020 09:46

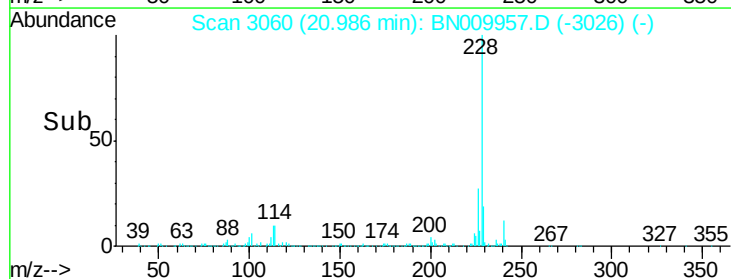
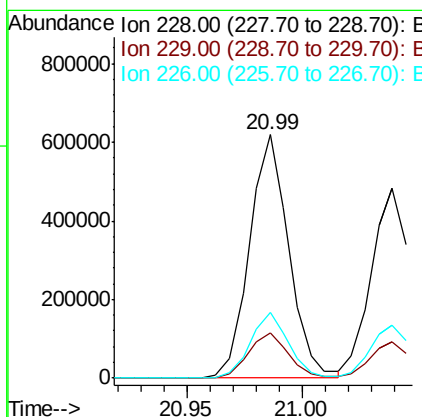
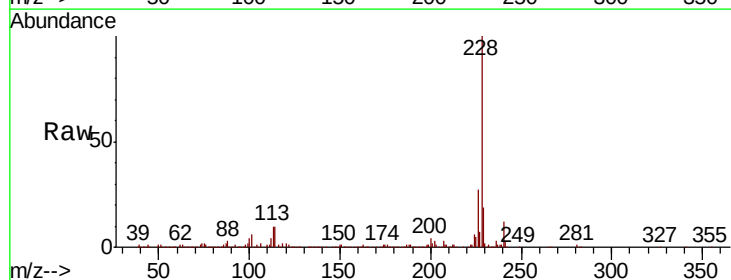
Instrument :
 BNA_N
 ClientSampleId :
 DBCY0

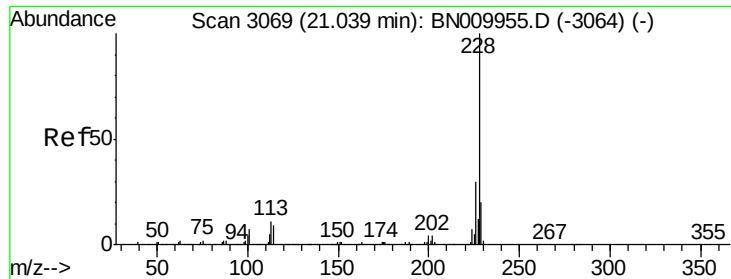
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.3	16.9
100	10.9	9.0	13.6



#83
 Benzo(a)anthracene
 Concen: 21.033 ng/ul
 RT: 20.99 min Scan# 3060
 Delta R.T. 0.00 min
 Lab File: BN009957.D
 Acq: 27 Feb 2020 09:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.8	15.0	22.4
226	26.8	21.4	32.2





#85

Chrysene

Concen: 17.445 ng/ul

RT: 21.04 min Scan# 3069

Delta R.T. 0.00 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

Instrument :

BNA_N

ClientSampleId :

DBCY0

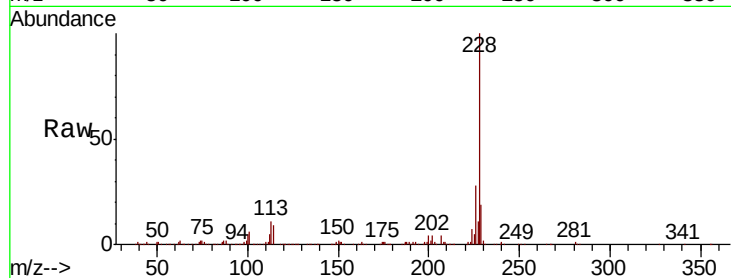
Tot Ion:228 Resp: 599222

Ion Ratio Lower Upper

228 100

226 27.8 23.4 35.2

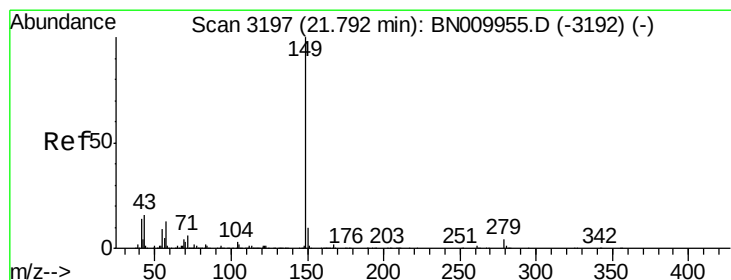
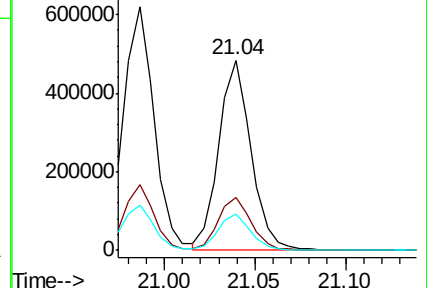
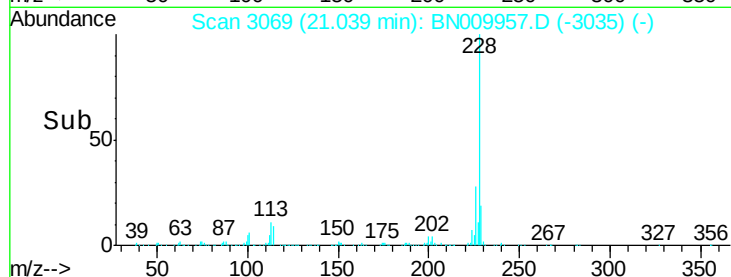
229 19.2 15.0 22.4



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



#87

Di-n-octyl phthalate

Concen: 17.649 ng/ul

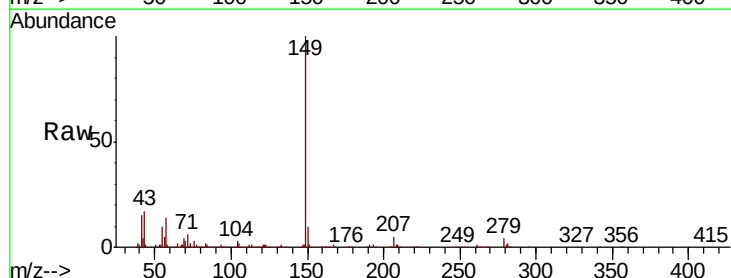
RT: 21.79 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BN009957.D

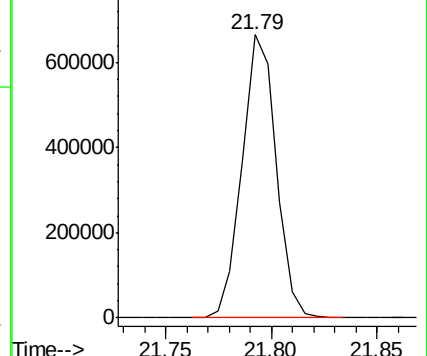
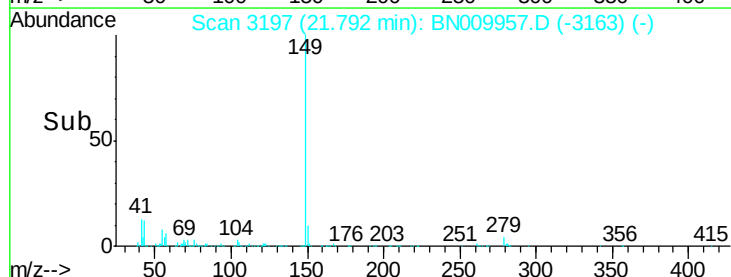
Acq: 27 Feb 2020 09:46

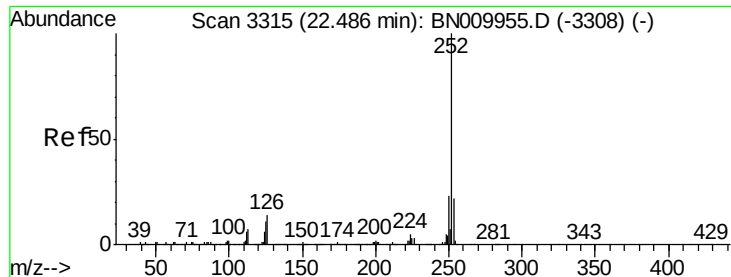
Tgt Ion:149 Resp: 739408



Abundance Ion 149.00 (148.70 to 149.70): E

21.79





#88

Benzo(b)fluoranthene

Concen: 34.405 ng/ul

RT: 22.49 min Scan# 3315

Delta R.T. 0.00 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

Instrument :

BNA_N

ClientSampleId :

DBCY0

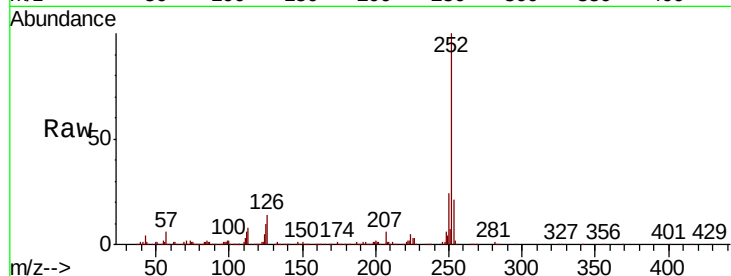
Tot Ion:252 Resp: 1234776

Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.4

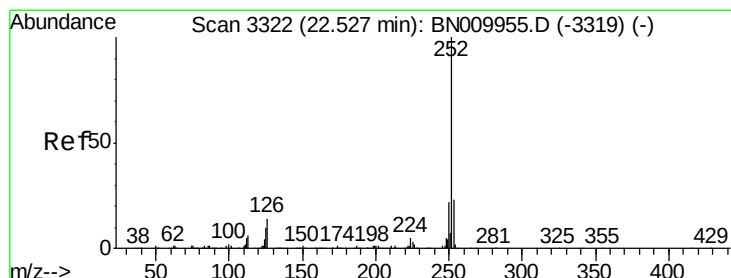
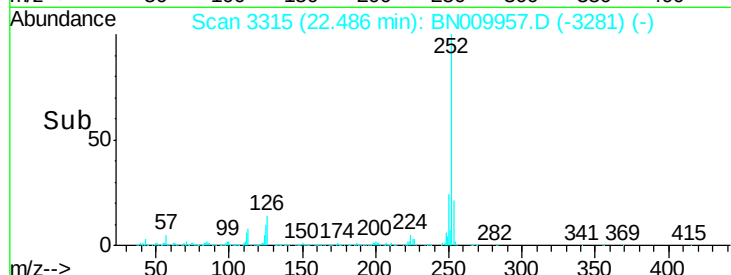
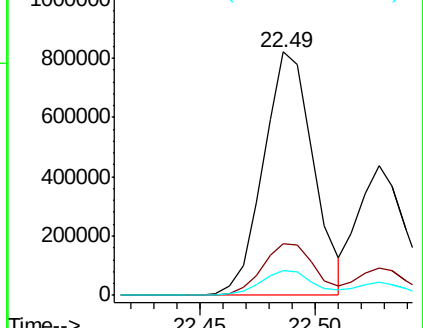
125 10.4 8.0 12.0



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: 17.995 ng/ul

RT: 22.53 min Scan# 3322

Delta R.T. 0.00 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

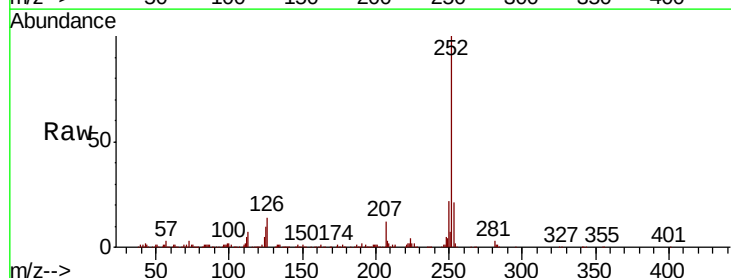
Tgt Ion:252 Resp: 611510

Ion Ratio Lower Upper

252 100

253 21.2 18.0 27.0

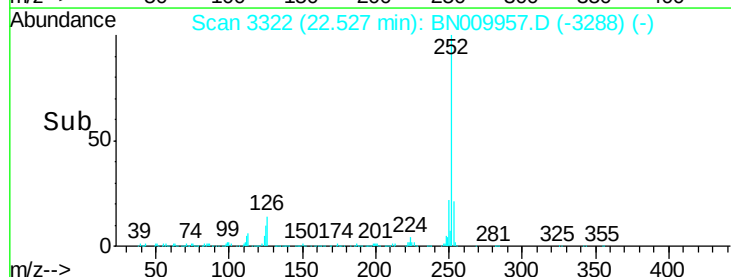
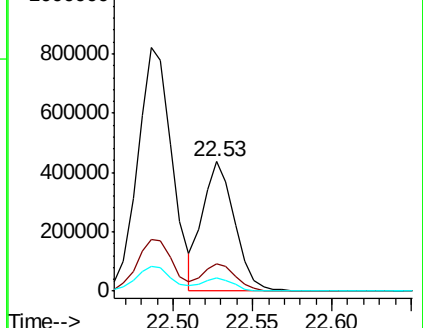
125 9.8 8.2 12.2

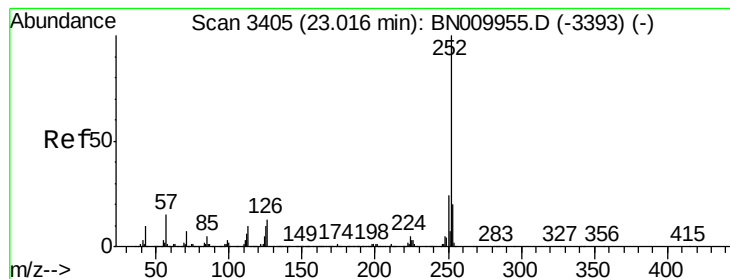


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 21.352 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. 0.00 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

Instrument :

BNA_N

ClientSampleId :

DBCY0

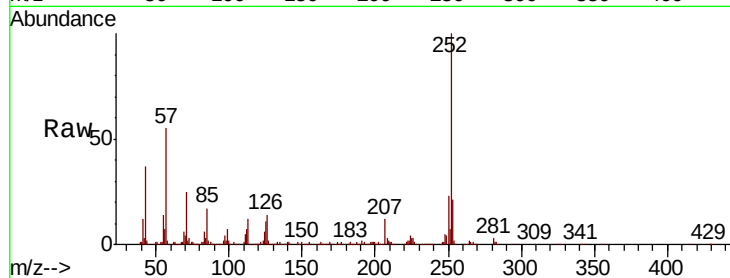
Tot Ion:252 Resp: 689214

Ion Ratio Lower Upper

252 100

253 20.7 17.4 26.0

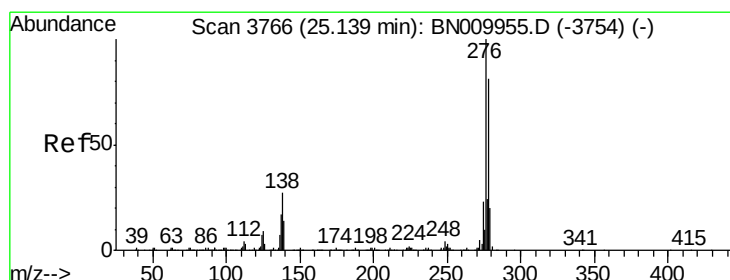
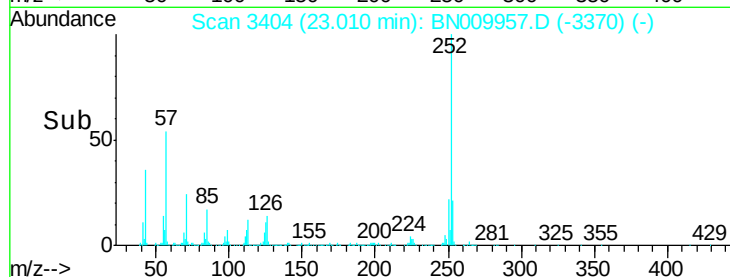
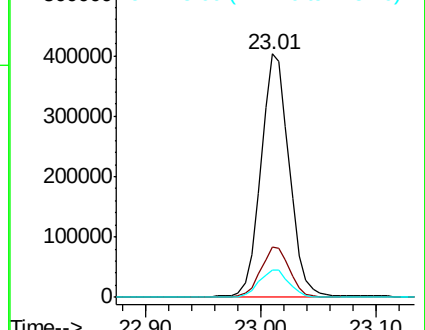
125 11.1 9.0 13.6



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: 18.418 ng/ul

RT: 25.14 min Scan# 3767

Delta R.T. 0.00 min

Lab File: BN009957.D

Acq: 27 Feb 2020 09:46

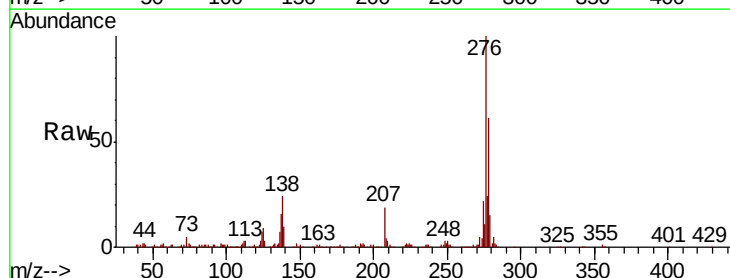
Tgt Ion:276 Resp: 705833

Ion Ratio Lower Upper

276 100

138 23.8 20.9 31.3

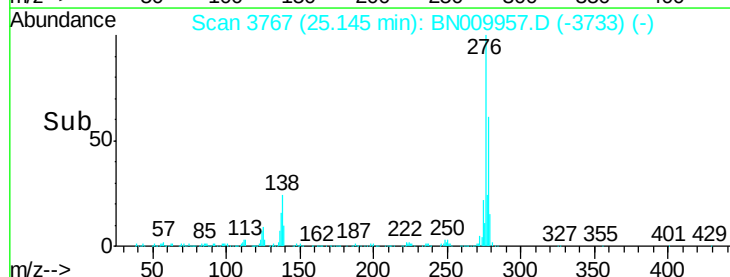
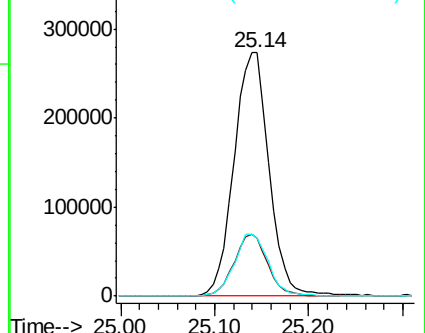
277 23.7 18.2 27.4

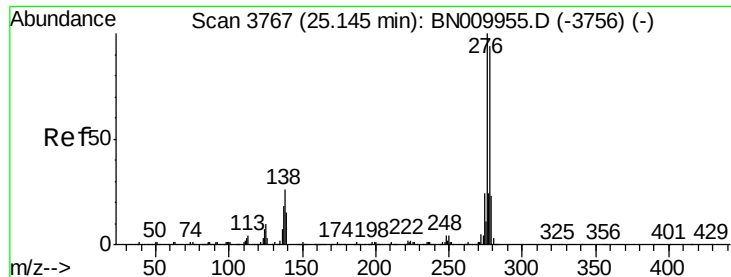


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



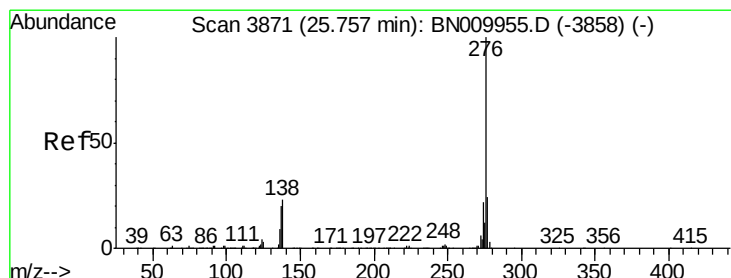
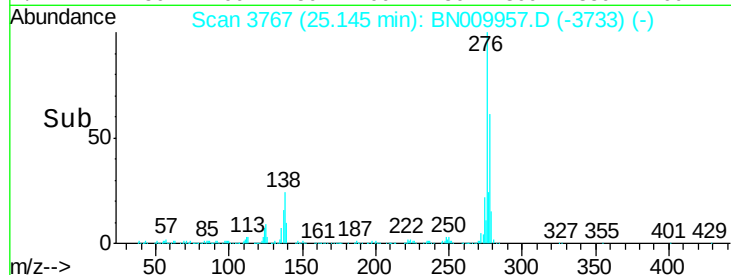
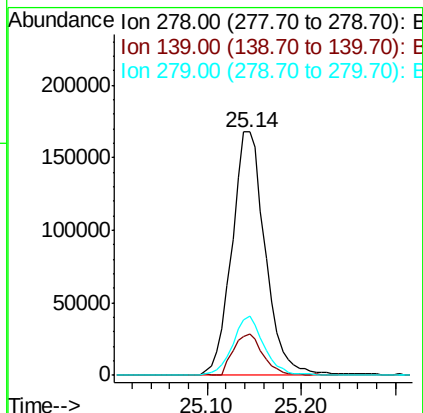
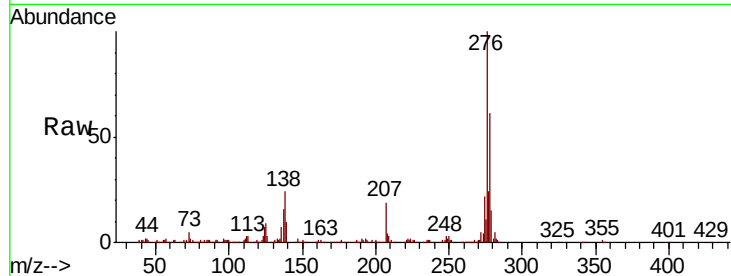


#93

Dibenzo(a,h)anthracene
Concen: 12.622 ng/ul
RT: 25.14 min Scan# 3767
Delta R.T. 0.00 min
Lab File: BN009957.D
Acq: 27 Feb 2020 09:46

Instrument :
BNA_N
ClientSampleId :
DBCY0

Tot Ion:278 Resp: 413812
Ion Ratio Lower Upper
278 100
139 17.1 13.0 19.4
279 24.3 17.5 26.3



#94

Benzo(g,h,i)perylene
Concen: 30.642 ng/ul
RT: 25.76 min Scan# 3871
Delta R.T. -0.01 min
Lab File: BN009957.D
Acq: 27 Feb 2020 09:46

Tgt Ion:276 Resp: 984662
Ion Ratio Lower Upper
276 100
138 22.1 17.5 26.3
277 23.5 18.1 27.1

