

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
 Data File : BN005588.D
 Acq On : 10 May 2019 14:24
 Operator : JU/SJ
 Sample : K2606-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5109

Quant Time: May 10 15:12:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 10 13:02:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	156793	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	680148	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	429959	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	985835	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	930055	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	933517	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	14391	4.43	ng/uL	0.00
5) Phenol-d5	6.76	99	357688	29.05	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	197008	25.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	293392	31.13	ng/ul	-0.01
13) 4-Methylphenol-d8	8.28	113	296699	30.82	ng/ul	-0.01
19) Nitrobenzene-d5	8.72	128	154459	36.90	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.44	143	175165	41.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	344468	35.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	406498	40.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1084684	34.75	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1323018	34.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	177877	36.09	ng/ul	0.00
57) Fluorene-d10	15.22	176	932144	35.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	163444	36.86	ng/ul	0.00
70) Anthracene-d10	17.07	188	1503405	36.38	ng/ul	0.00
78) Pyrene-d10	19.39	212	1662590	34.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1484271	36.38	ng/ul	0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.23	88	61351	17.565	ng/uL 97
8) Bis(2-Chloroethyl)ether	7.02	93	397778	39.220	ng/ul 92
10) 2-Chlorophenol	7.15	128	363437	37.302	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.10	45	420634	24.700	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.38	70	168308	20.423	ng/ul 90
17) Hexachloroethane	8.63	117	127689	30.180	ng/ul 89
20) Nitrobenzene	8.76	77	390902	33.930	ng/ul 93
25) Bis(2-Chloroethoxy)methane	9.77	93	387683	27.044	ng/ul 99
27) 2,4-Dichlorophenol	10.00	162	352743	36.741	ng/ul 98
28) Naphthalene	10.39	128	851085	26.917	ng/ul 99
31) Hexachlorobutadiene	10.67	225	159859	23.579	ng/ul 96
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	193903	14.572	ng/ul 96
37) Hexachlorocyclopentadiene	12.36	237	117056	12.903	ng/ul 95
38) 2,4,6-Trichlorophenol	12.63	196	399551	49.797	ng/ul 99
39) 2,4,5-Trichlorophenol	12.72	196	272825	31.644	ng/ul 96
41) 2-Chloronaphthalene	13.08	162	718665	29.168	ng/ul 96
44) Dimethylphthalate	13.68	163	1297330	41.715	ng/ul 99
45) 2,6-Dinitrotoluene	13.80	165	132265	24.631	ng/ul 92
47) Acenaphthylene	13.93	152	968870	25.718	ng/ul 99
49) Acenaphthene	14.28	153	571931	22.238	ng/ul 99
53) Dibenzofuran	14.62	168	928968	25.087	ng/ul 98
54) 2,4-Dinitrotoluene	14.61	165	159125	20.555	ng/ul 93
56) Diethylphthalate	15.06	149	884885	28.376	ng/ul 98

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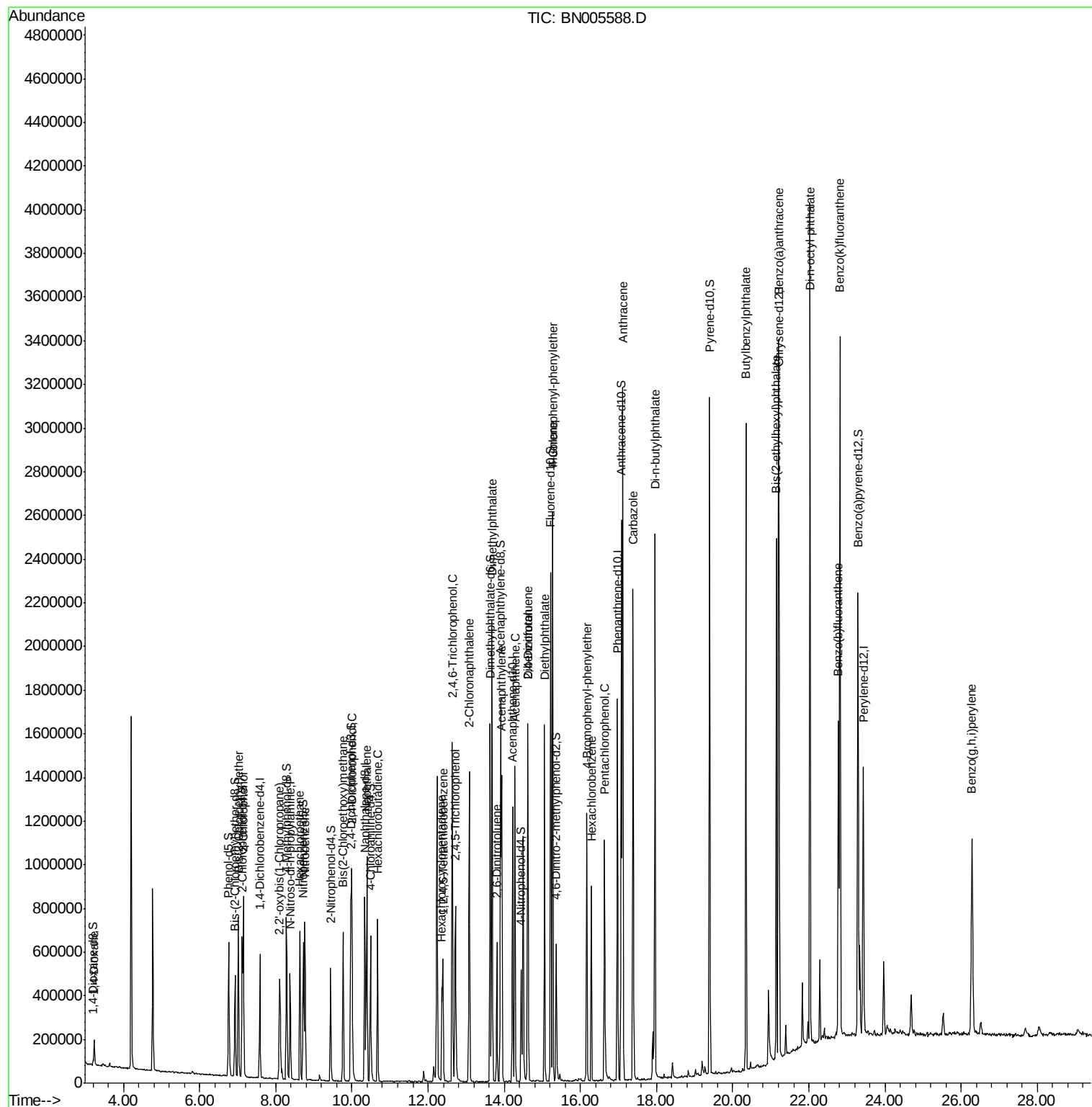
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	15.27	166	787931	27.269	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.27	204	250618	16.351	ng/ul	96
65) 4-Bromophenyl-phenylether	16.17	248	246127	24.782	ng/ul	95
66) Hexachlorobenzene	16.29	284	192362	18.189	ng/ul#	93
68) Pentachlorophenol	16.63	266	219759	35.489	ng/ul	98
71) Anthracene	17.11	178	1974387	40.368	ng/ul	99
74) Carbazole	17.39	167	1512926	36.010	ng/ul	99
75) Di-n-butylphthalate	17.96	149	1727826	32.776	ng/ul	100
80) Butylbenzylphthalate	20.34	149	876230	36.958	ng/ul	93
82) Benzo(a)anthracene	21.20	228	1691606	29.237	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	765428	20.966	ng/ul	98
86) Di-n-octyl phthalate	22.03	149	2492618	43.596	ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	839736	16.002	ng/ul#	97
88) Benzo(k)fluoranthene	22.82	252	2160566	43.110	ng/ul	98
93) Benzo(g,h,i)perylene	26.28	276	1140051	25.283	ng/ul#	95

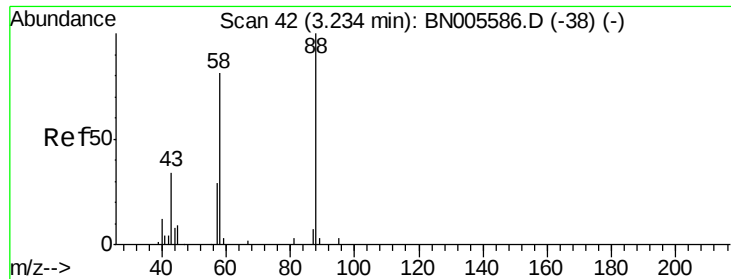
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 17.565 ng/uL

RT: 3.23 min Scan# 42

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A5109

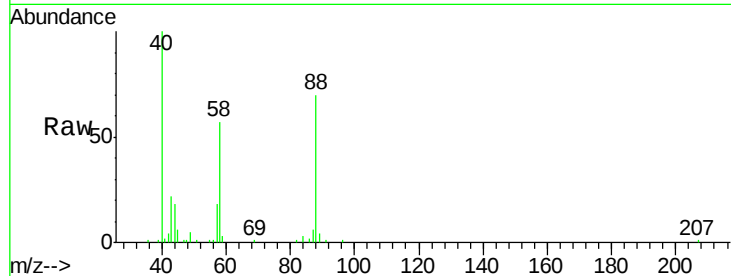
Tgt Ion: 88 Resp: 61351

Ion Ratio Lower Upper

88 100

43 31.8 25.3 37.9

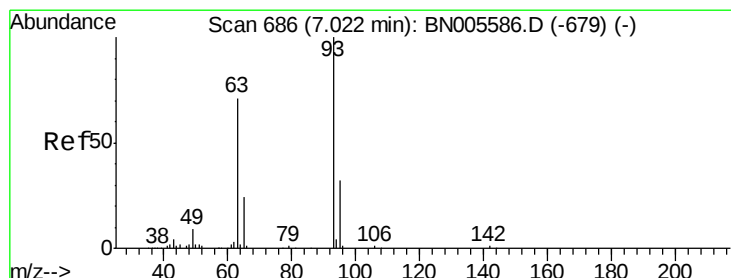
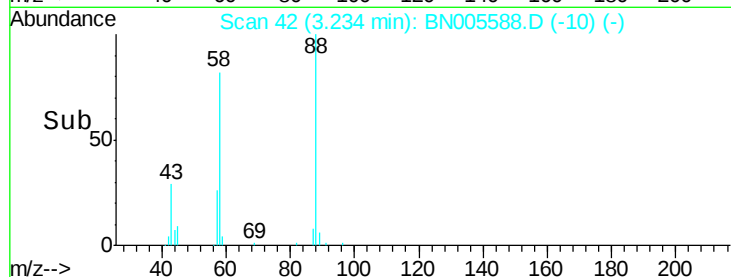
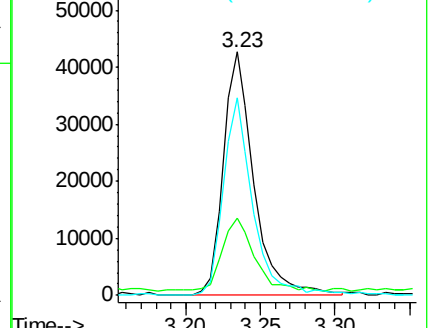
58 81.4 62.3 93.5



Abundance Ion 88.00 (87.70 to 88.70): BN005588.D (-10) (-)

Ion 43.00 (42.70 to 43.70): BN005588.D (-10) (-)

Ion 58.00 (57.70 to 58.70): BN005588.D (-10) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 39.220 ng/uL

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

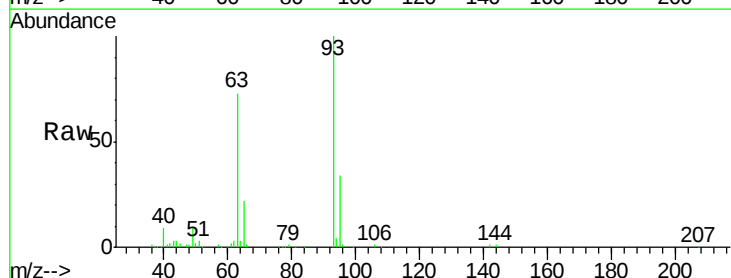
Tgt Ion: 93 Resp: 397778

Ion Ratio Lower Upper

93 100

63 73.3 67.1 100.7

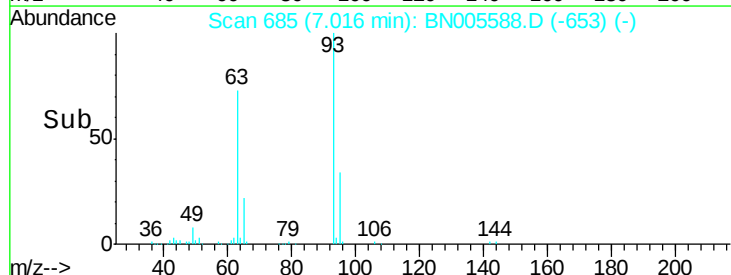
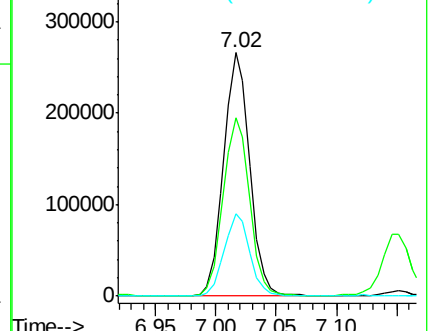
95 33.7 26.9 40.3

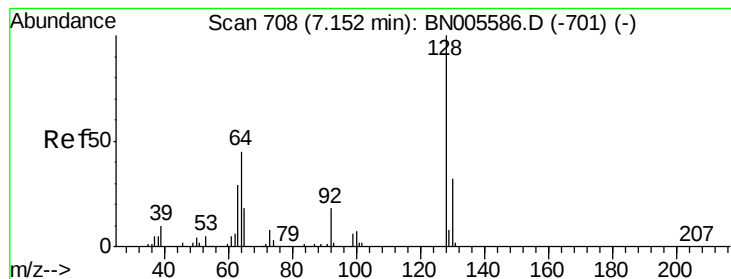


Abundance Ion 93.00 (92.70 to 93.70): BN005588.D (-653) (-)

Ion 63.00 (62.70 to 63.70): BN005588.D (-653) (-)

Ion 95.00 (94.70 to 95.70): BN005588.D (-653) (-)





#10

2-Chlorophenol

Concen: 37.302 ng/ul

RT: 7.15 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

Instrument :

BNA_N

ClientSampled :

A5109

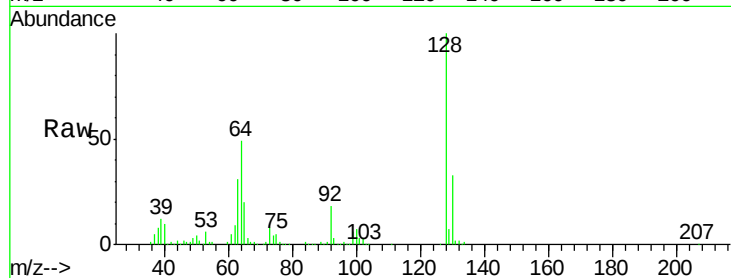
Tgt Ion:128 Resp: 363437

Ion Ratio Lower Upper

128 100

64 48.8 42.3 63.5

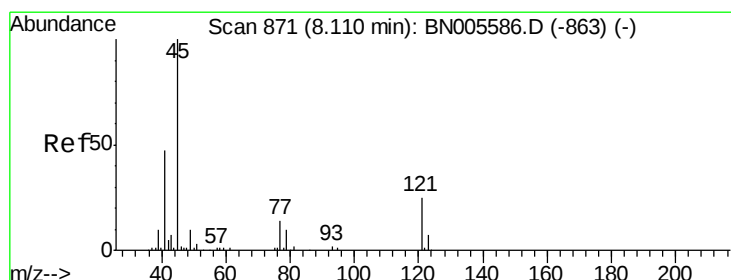
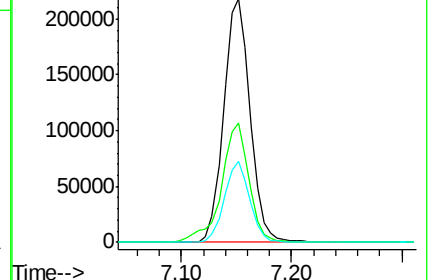
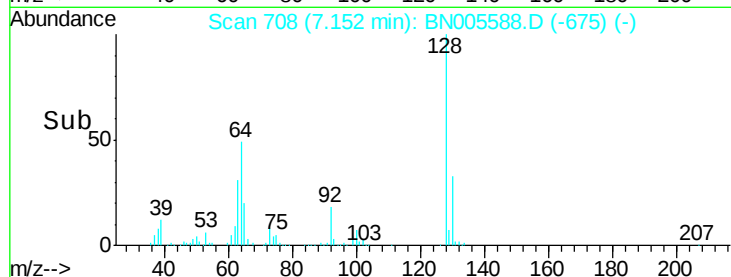
130 33.3 26.5 39.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 130.00 (129.70 to 130.70): E



#12

2,2'-oxybis(1-Chloropropane)

Concen: 24.700 ng/ul

RT: 8.10 min Scan# 869

Delta R.T. -0.02 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

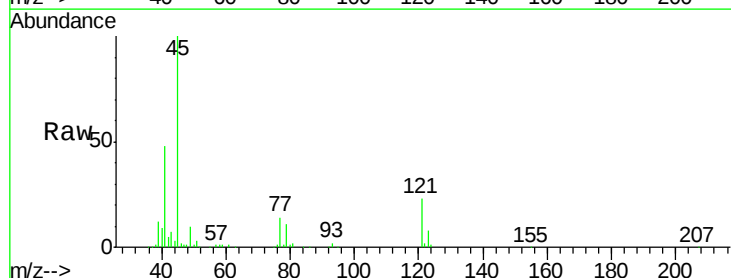
Tgt Ion: 45 Resp: 420634

Ion Ratio Lower Upper

45 100

77 13.8 9.8 14.6

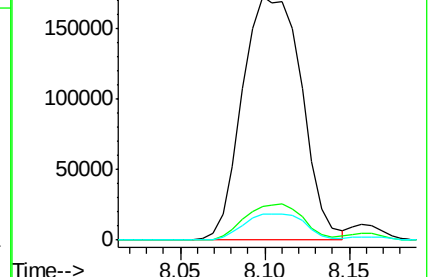
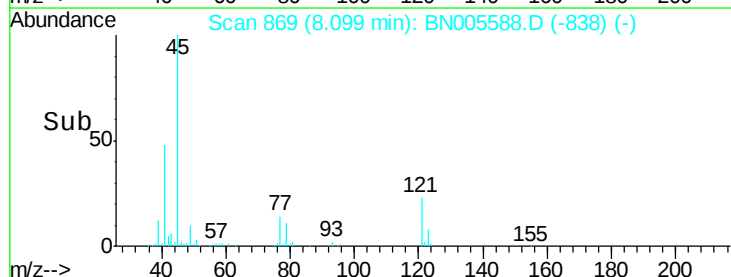
79 10.9 7.4 11.0

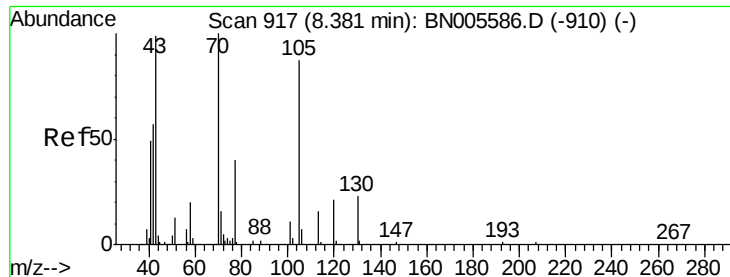


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC





#15

N-Nitroso-di-n-propylamine

Concen: 20.423 ng/ul

RT: 8.38 min Scan# 916

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A5109

Tgt Ion: 70 Resp: 168308

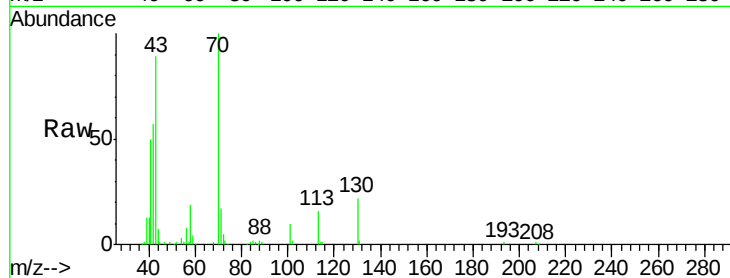
Ion Ratio Lower Upper

70 100

42 57.2 53.8 80.8

101 10.1 7.7 11.5

130 22.2 15.0 22.4

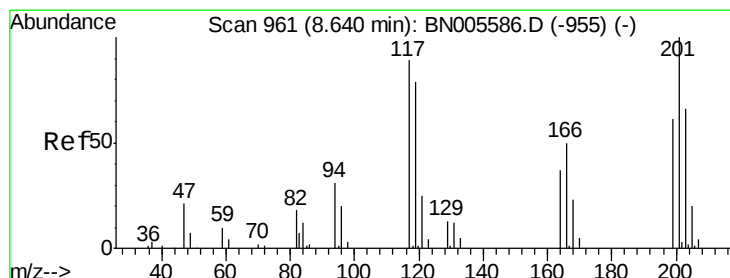
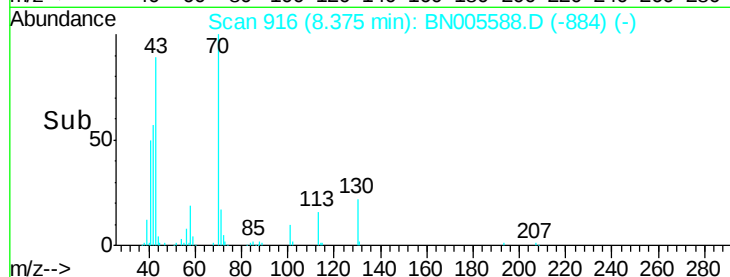
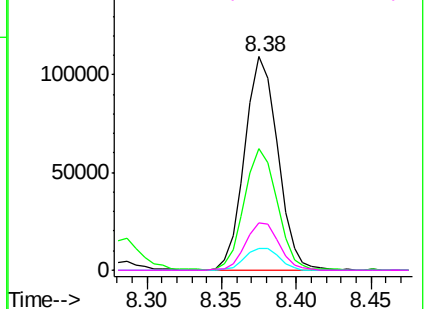


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#17

Hexachloroethane

Concen: 30.180 ng/ul

RT: 8.63 min Scan# 960

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

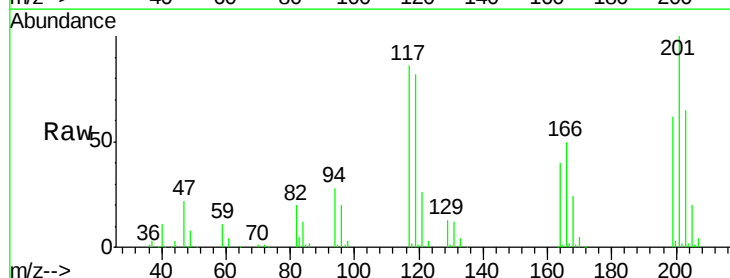
Tgt Ion: 117 Resp: 127689

Ion Ratio Lower Upper

117 100

201 116.9 84.1 126.1

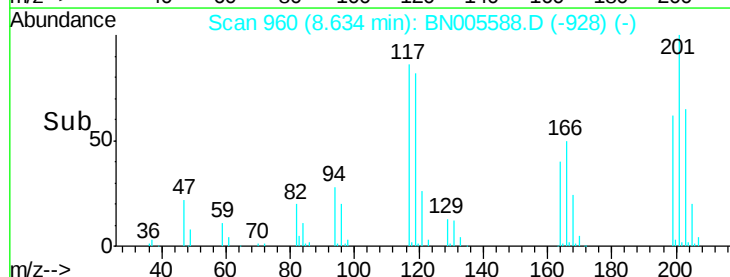
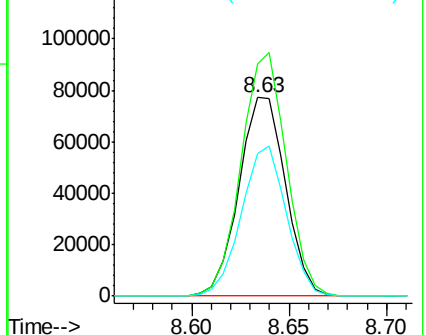
199 72.0 51.2 76.8

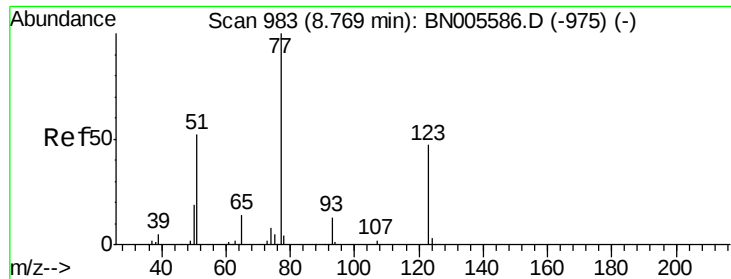


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

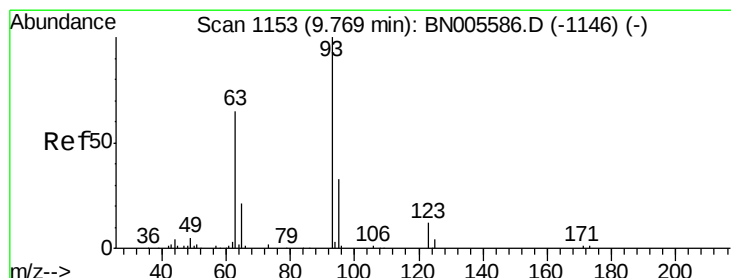
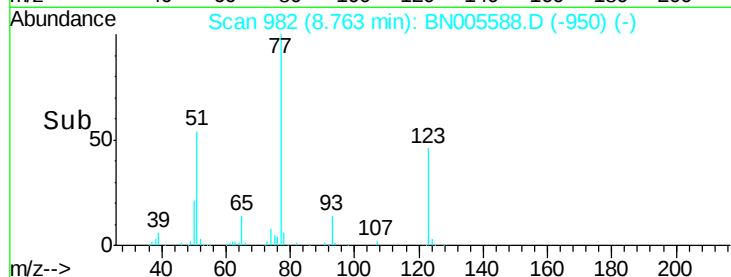
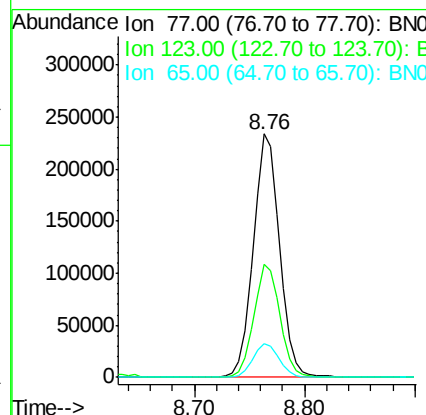
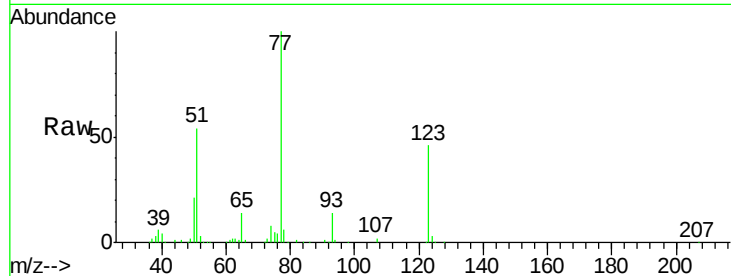




#20
 Nitrobenzene
 Concen: 33.930 ng/ul
 RT: 8.76 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BN005588.D
 Acq: 10 May 2019 14:24

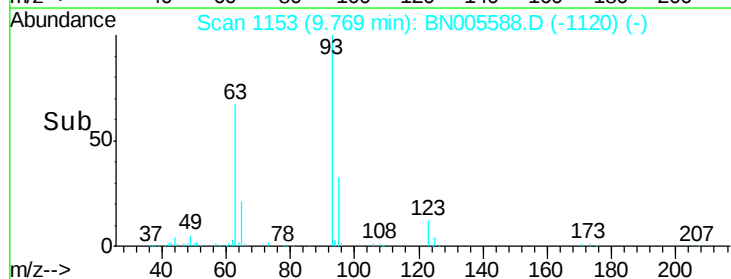
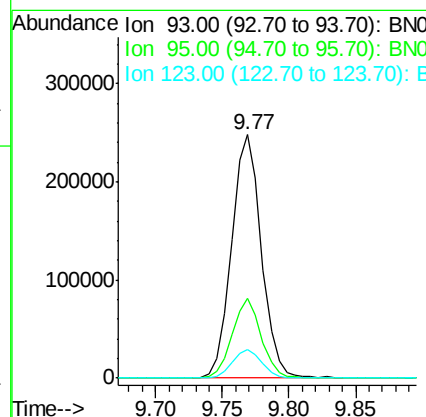
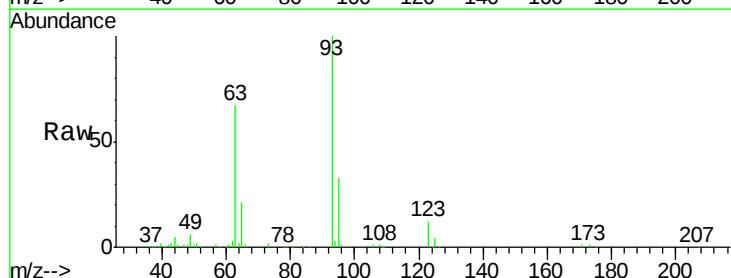
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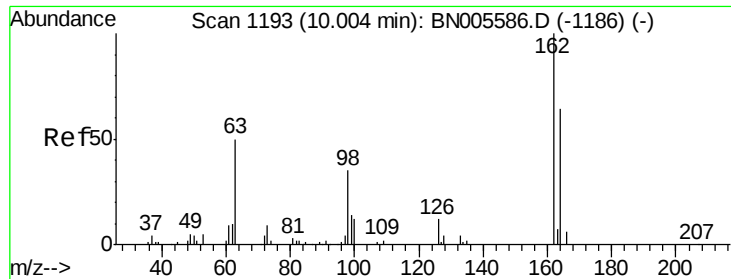
Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	32.6	49.0
65	13.9	11.6	17.4



#25
 Bis(2-Chloroethoxy)methane
 Concen: 27.044 ng/ul
 RT: 9.77 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BN005588.D
 Acq: 10 May 2019 14:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	39.8
123	11.6	8.9	13.3

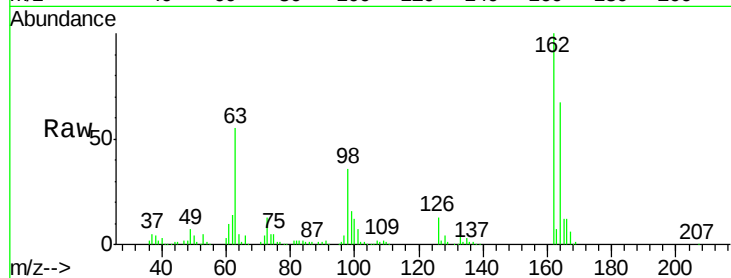




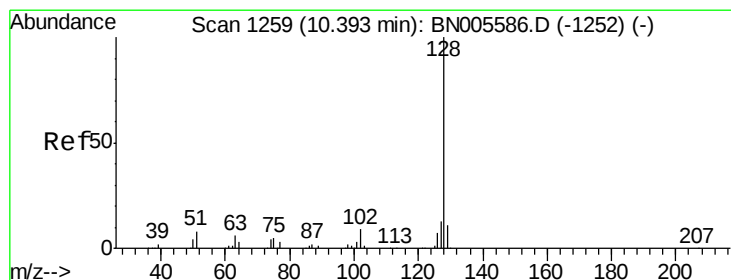
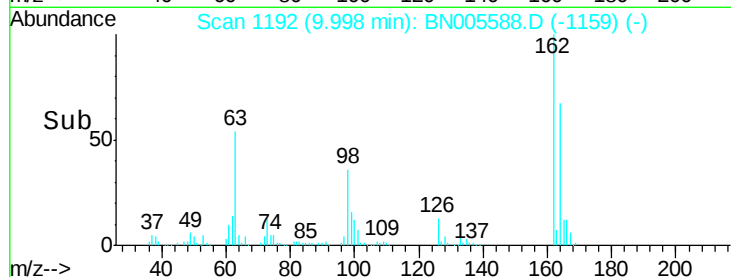
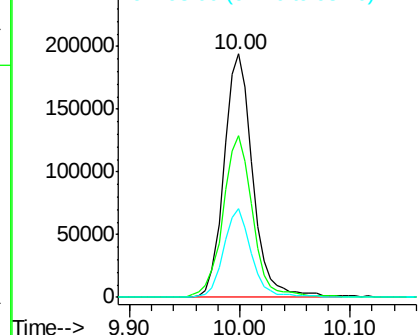
#27
2,4-Dichlorophenol
Concen: 36.741 ng/ul
RT: 10.00 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BN005588.D
Acq: 10 May 2019 14:24

Instrument :
BNA_N
ClientSampleId :
A5109

Tgt Ion:162 Resp: 352743
Ion Ratio Lower Upper
162 100
164 66.6 52.6 79.0
98 36.3 30.8 46.2

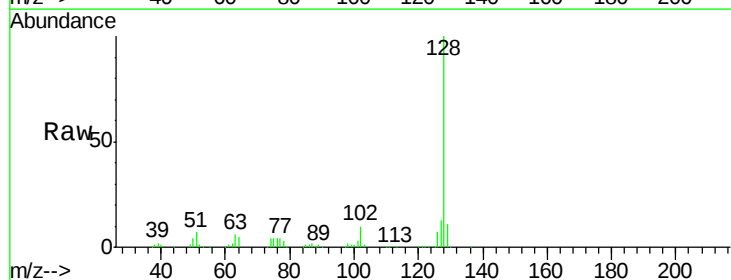


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNC

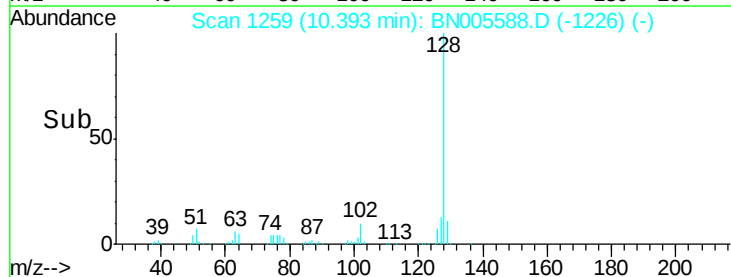
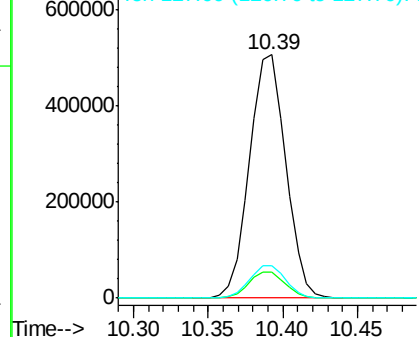


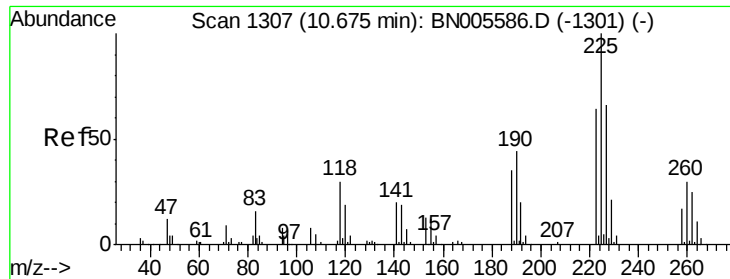
#28
Naphthalene
Concen: 26.917 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BN005588.D
Acq: 10 May 2019 14:24

Tgt Ion:128 Resp: 851085
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.3 10.7 16.1



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: 23.579 ng/ul

RT: 10.67 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A5109

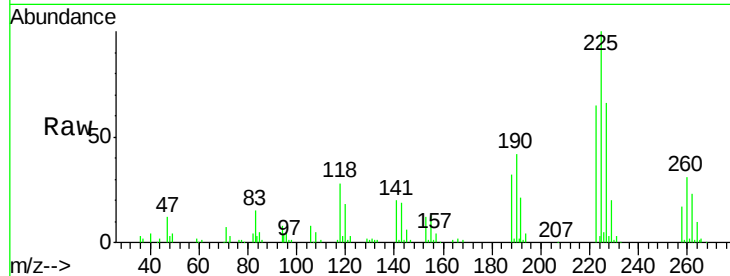
Tgt Ion: 225 Resp: 159859

Ion Ratio Lower Upper

225 100

223 64.7 48.5 72.7

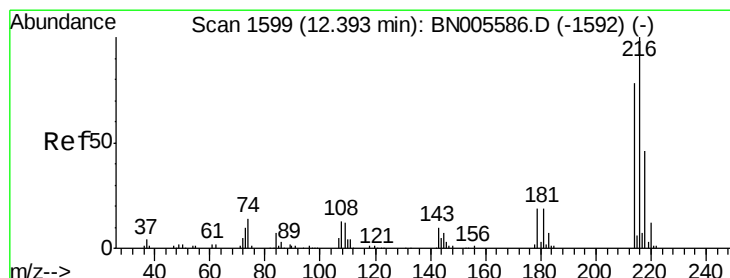
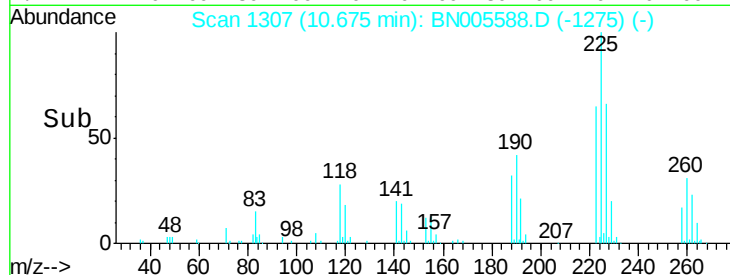
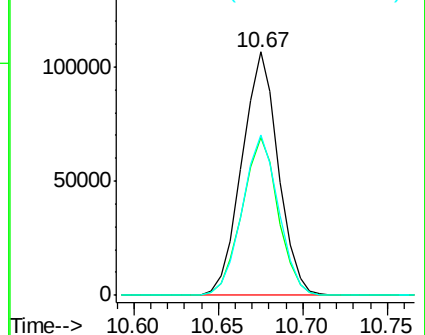
227 65.9 51.0 76.6



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



#36

1,2,4,5-Tetrachlorobenzene

Concen: 14.572 ng/ul

RT: 12.39 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

Tgt Ion: 216 Resp: 193903

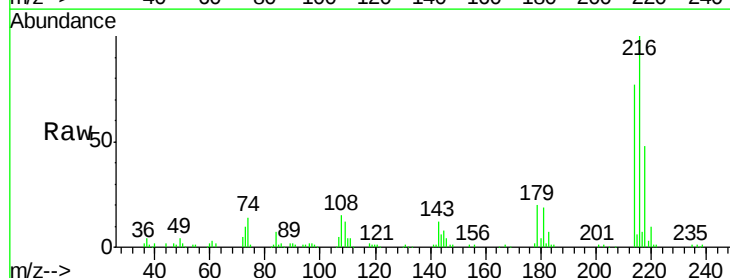
Ion Ratio Lower Upper

216 100

214 76.6 64.1 96.1

179 20.1 17.4 26.0

108 14.9 13.7 20.5

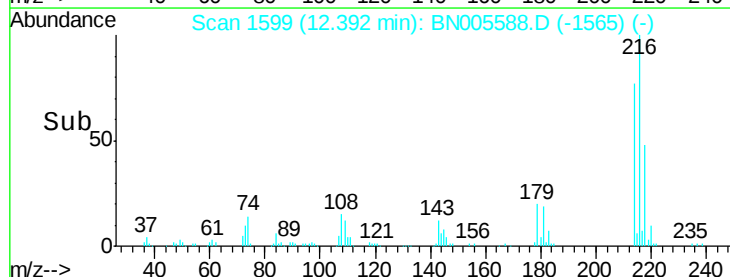
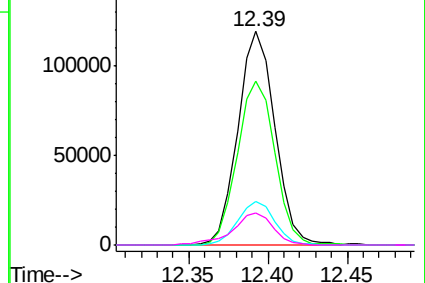


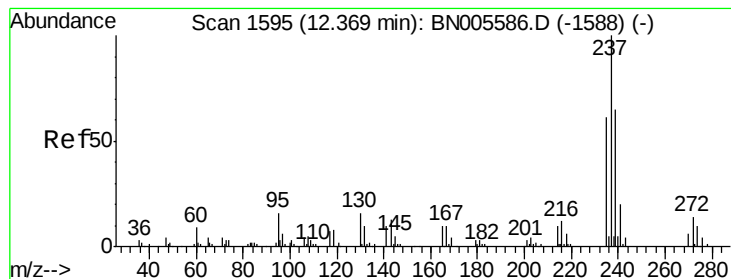
Abundance Ion 216.00 (215.70 to 216.70): E

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





#37

Hexachlorocyclopentadiene

Concen: 12.903 ng/ul

RT: 12.36 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A5109

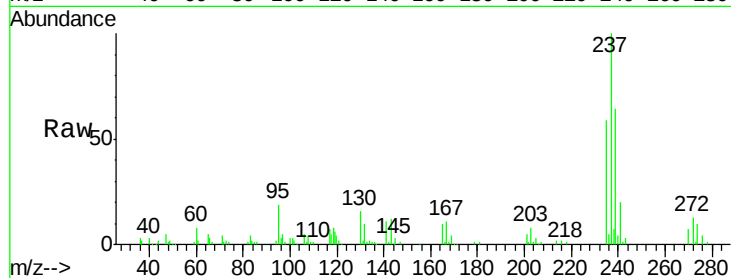
Tgt Ion:237 Resp: 117056

Ion Ratio Lower Upper

237 100

235 59.5 51.1 76.7

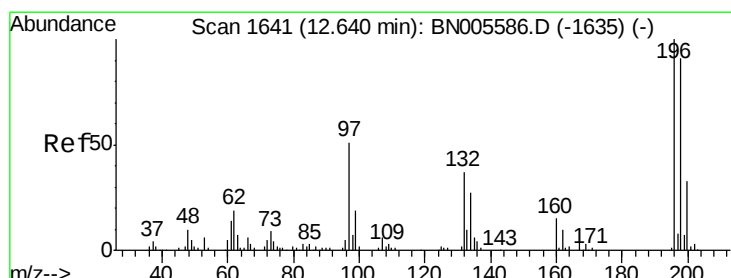
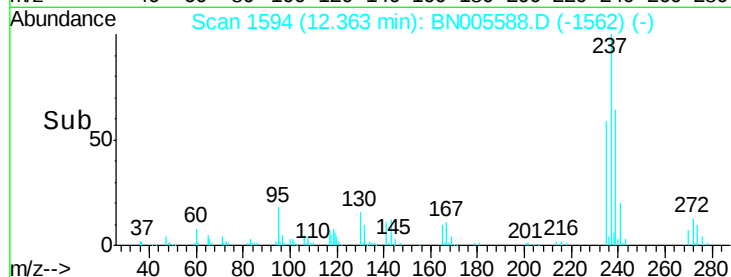
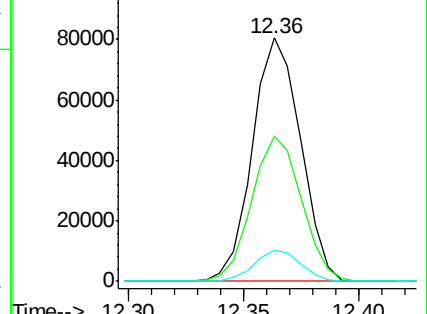
272 12.5 9.5 14.3



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



#38

2,4,6-Trichlorophenol

Concen: 49.797 ng/ul

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

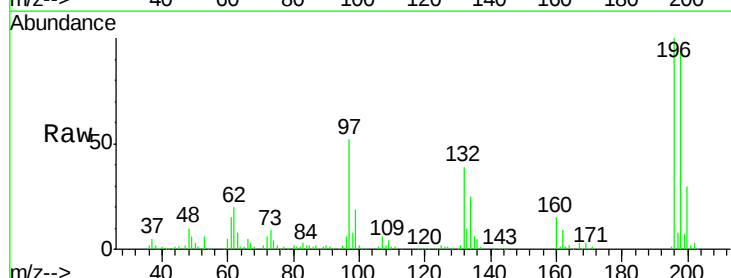
Tgt Ion:196 Resp: 399551

Ion Ratio Lower Upper

196 100

198 93.6 74.8 112.2

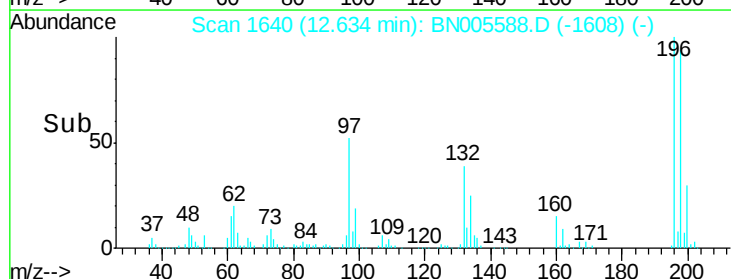
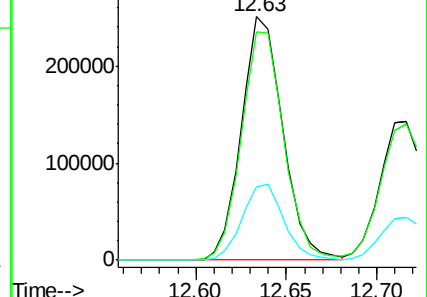
200 30.3 23.5 35.3

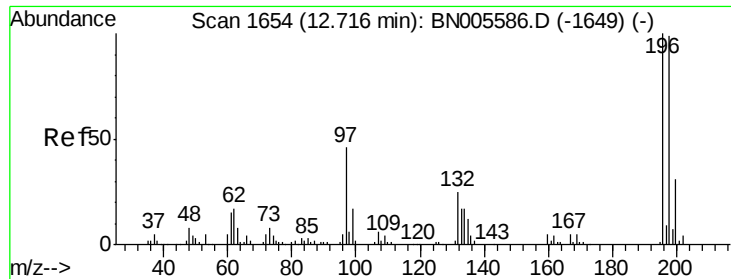


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

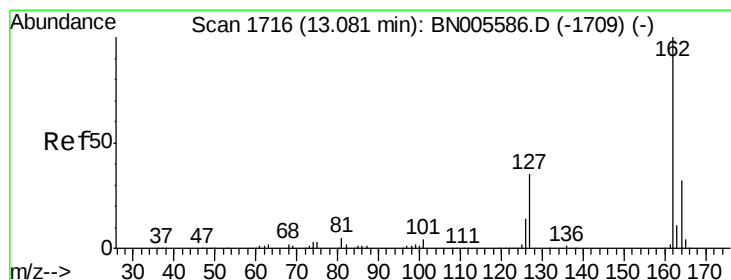
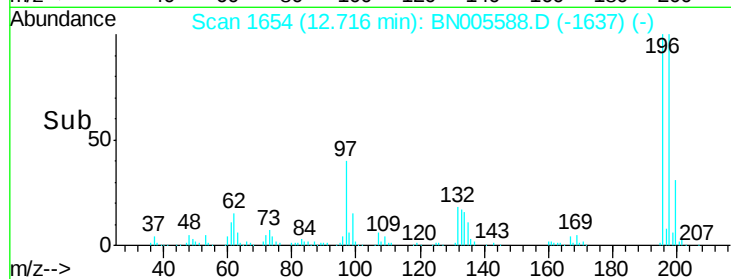
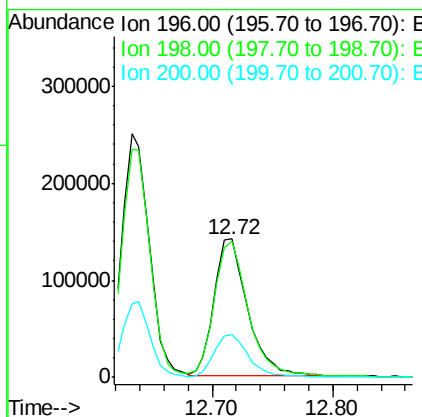
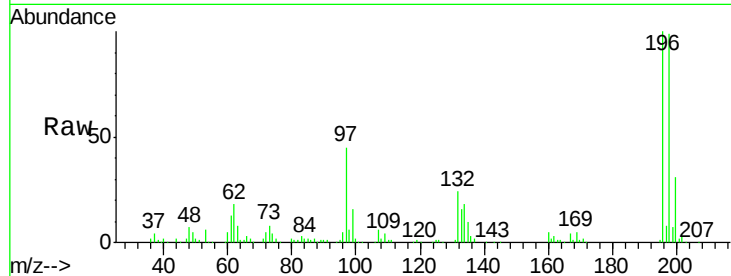




#39
 2,4,5-Trichlorophenol
 Concen: 31.644 ng/ul
 RT: 12.72 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BN005588.D
 Acq: 10 May 2019 14:24

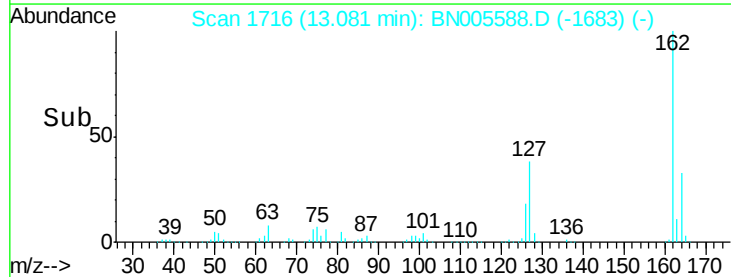
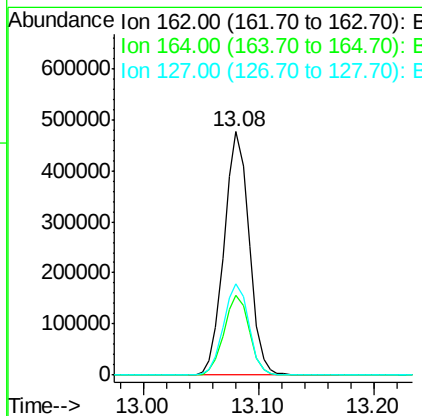
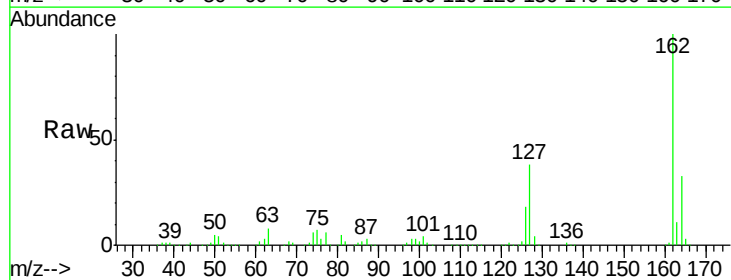
Instrument :
 BNA_N
 ClientSampleId :
 A5109

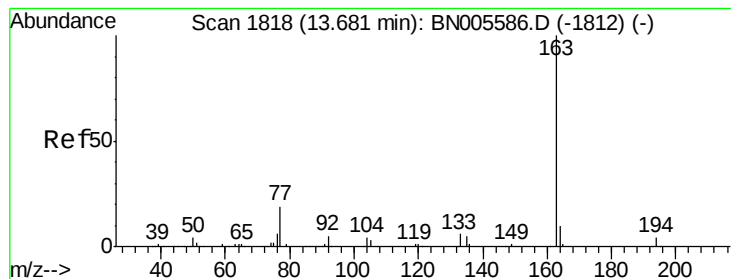
Tgt Ion:196 Resp: 272825
 Ion Ratio Lower Upper
 196 100
 198 98.5 75.0 112.4
 200 30.7 24.2 36.4



#41
 2-Chloronaphthalene
 Concen: 29.168 ng/ul
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BN005588.D
 Acq: 10 May 2019 14:24

Tgt Ion:162 Resp: 718665
 Ion Ratio Lower Upper
 162 100
 164 32.7 26.8 40.2
 127 37.7 33.5 50.3





#44

Dimethylphthalate

Concen: 41.715 ng/ul

RT: 13.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A5109

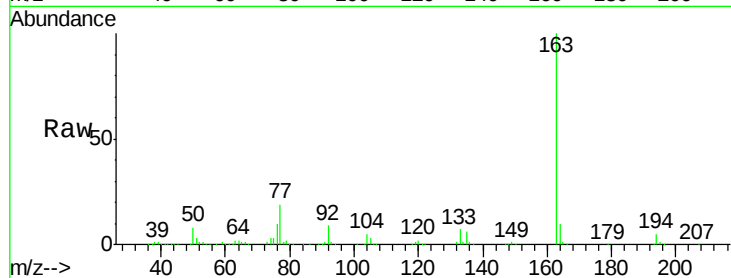
Tgt Ion:163 Resp: 1297330

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

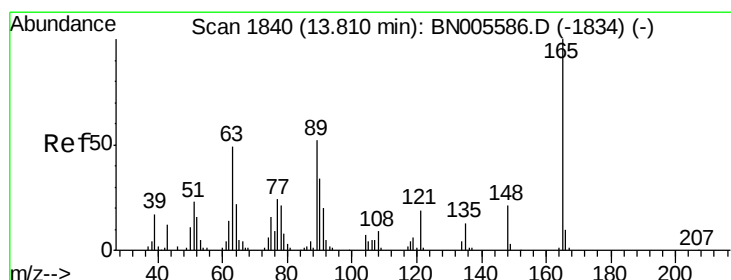
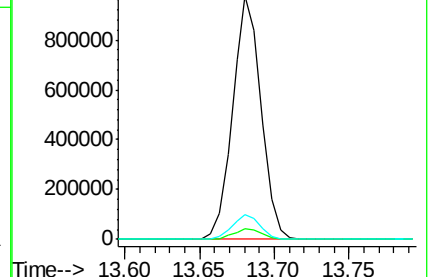
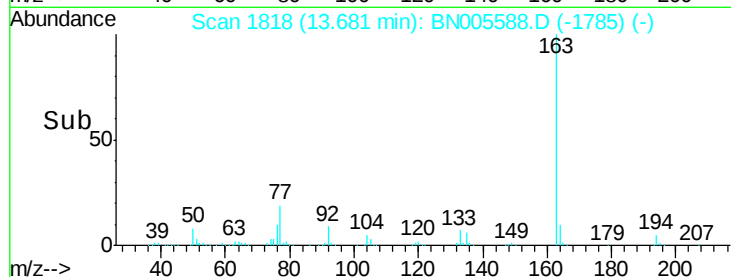
164 10.3 8.1 12.1



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



#45

2,6-Dinitrotoluene

Concen: 24.631 ng/ul

RT: 13.80 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

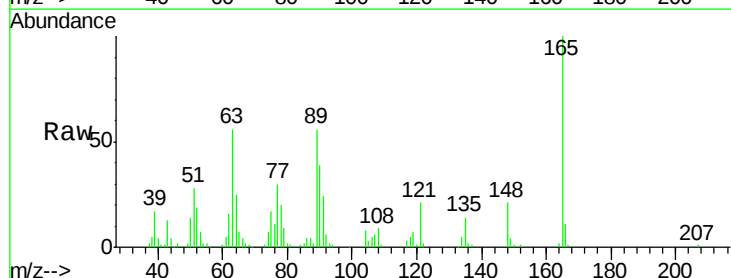
Tgt Ion:165 Resp: 132265

Ion Ratio Lower Upper

165 100

89 55.6 50.2 75.2

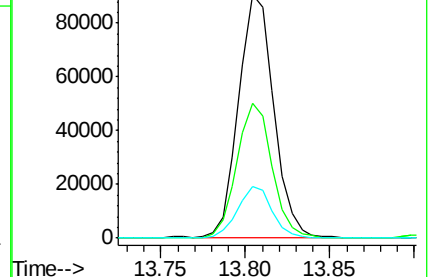
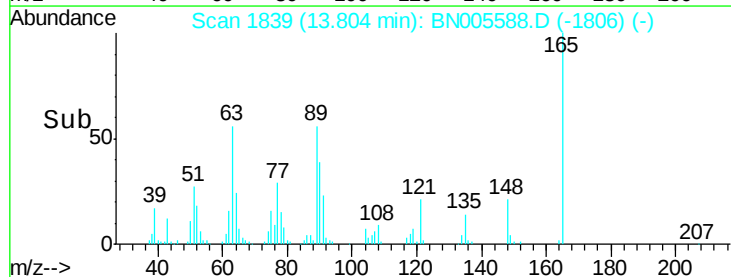
121 21.0 19.4 29.2

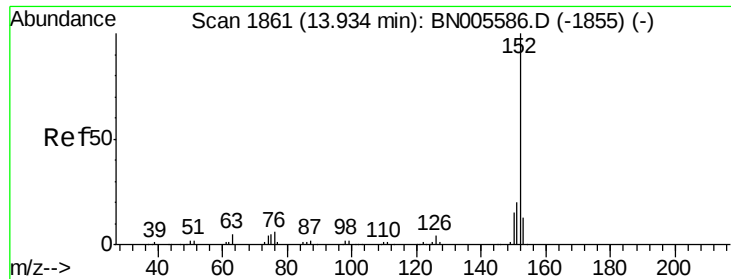


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 25.718 ng/ul

RT: 13.93 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A5109

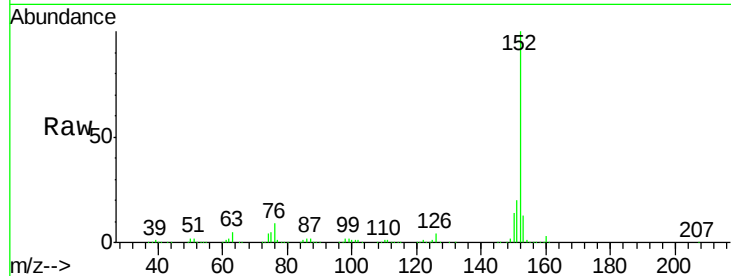
Tgt Ion:152 Resp: 968870

Ion Ratio Lower Upper

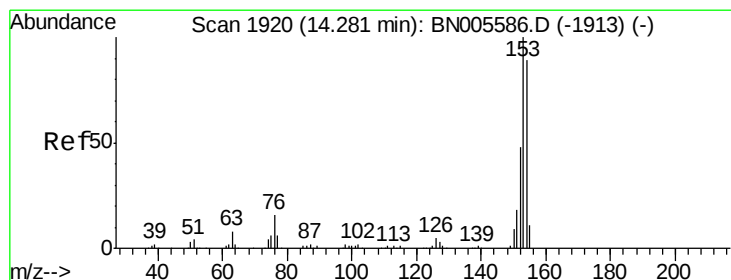
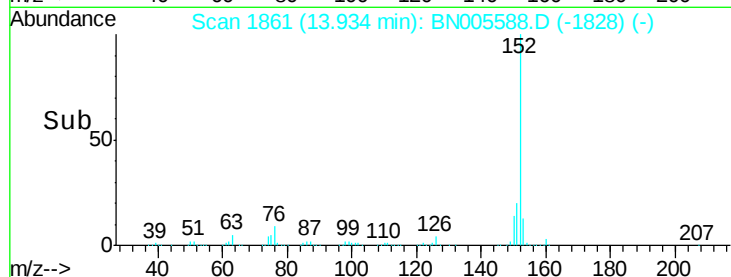
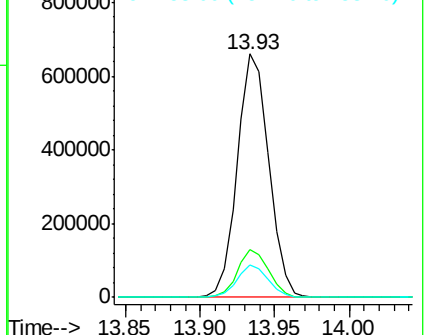
152 100

151 19.7 15.8 23.8

153 13.3 9.8 14.8



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

Acenaphthene

Concen: 22.238 ng/ul

RT: 14.28 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

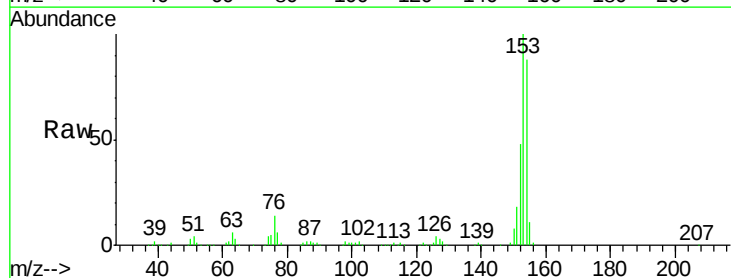
Tgt Ion:153 Resp: 571931

Ion Ratio Lower Upper

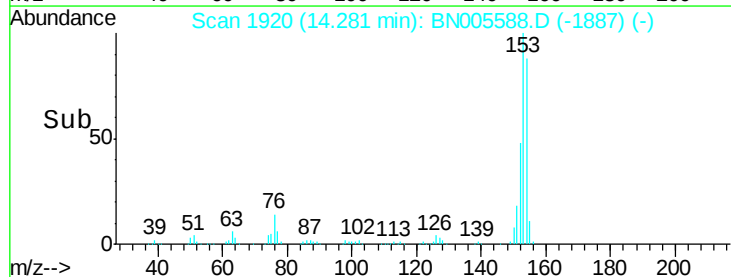
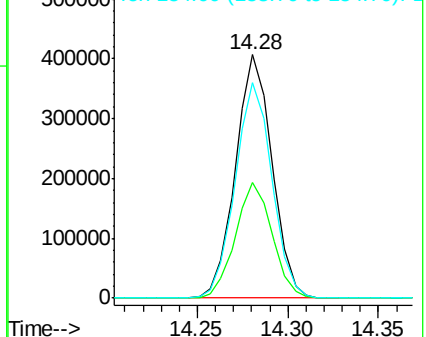
153 100

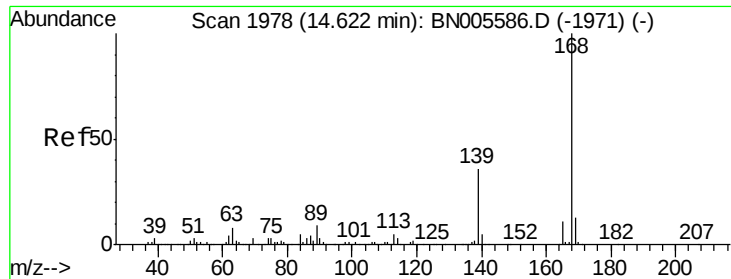
152 47.6 37.4 56.0

154 88.4 71.2 106.8



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

Dibenzo(furan)

Concen: 25.087 ng/ul

RT: 14.62 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

Instrument :

BNA_N

ClientSampleId :

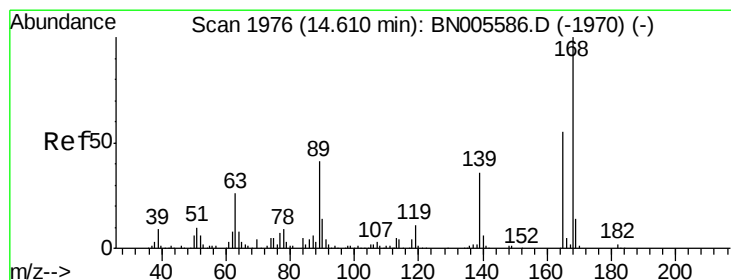
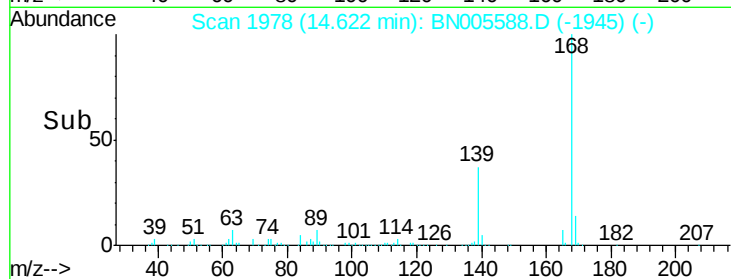
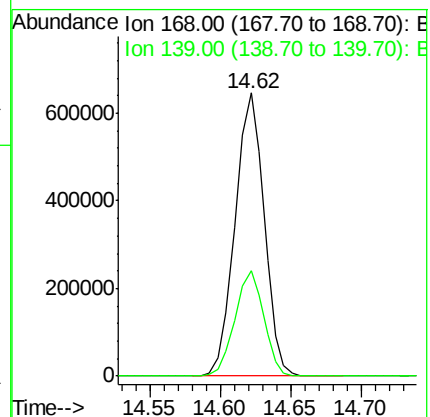
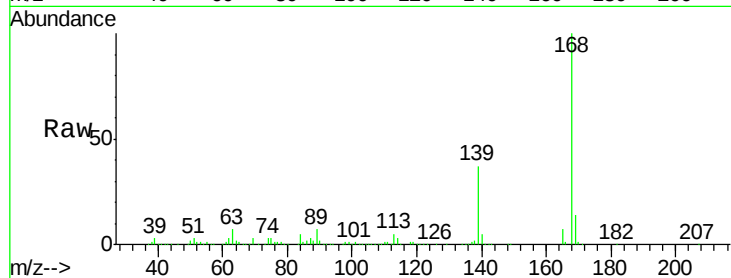
A5109

Tgt Ion:168 Resp: 928968

Ion Ratio Lower Upper

168 100

139 37.2 30.9 46.3



#54

2,4-Dinitrotoluene

Concen: 20.555 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

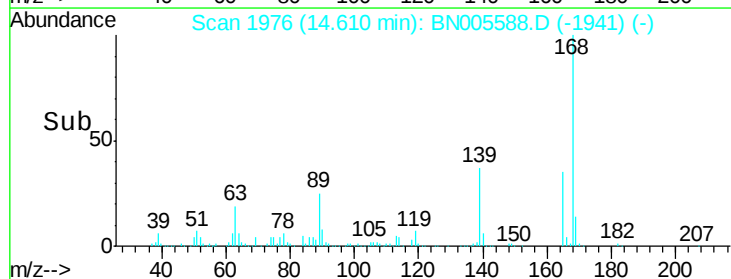
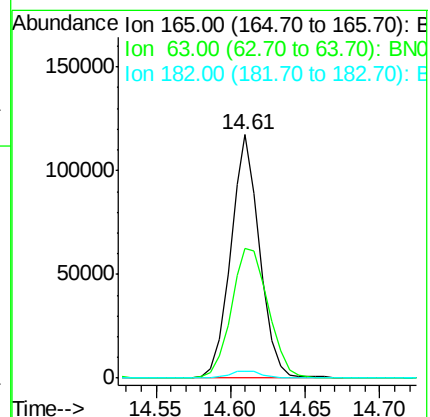
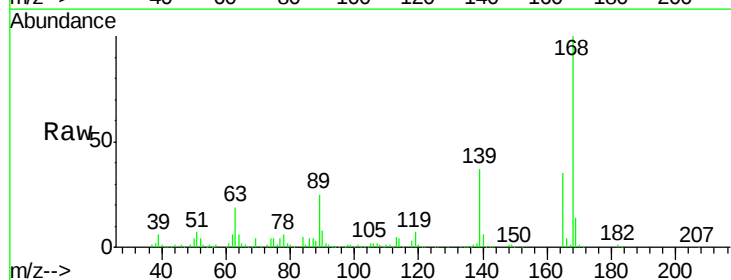
Tgt Ion:165 Resp: 159125

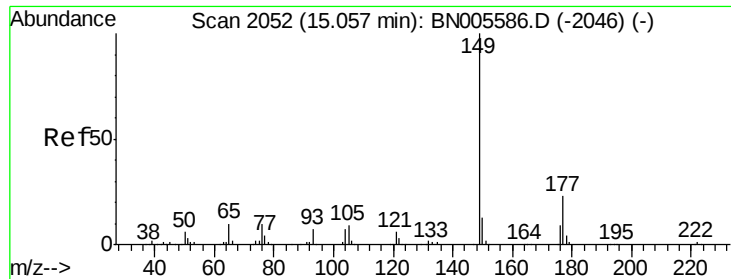
Ion Ratio Lower Upper

165 100

63 53.5 38.9 58.3

182 2.6 2.6 3.8





#56

Diethylphthalate

Concen: 28.376 ng/ul

RT: 15.06 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A5109

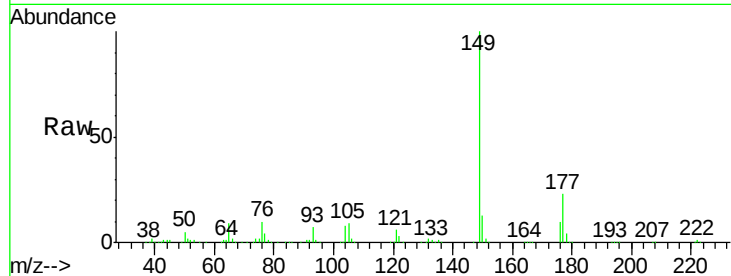
Tgt Ion:149 Resp: 884885

Ion Ratio Lower Upper

149 100

177 23.2 17.7 26.5

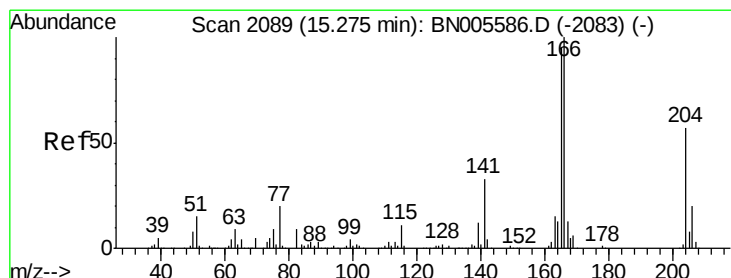
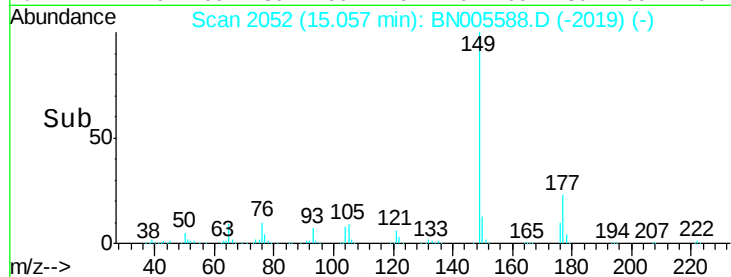
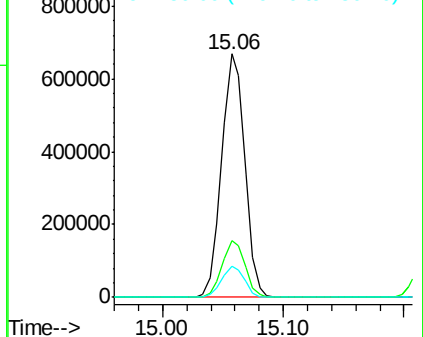
150 13.0 10.0 15.0



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



#58

Fluorene

Concen: 27.269 ng/ul

RT: 15.27 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

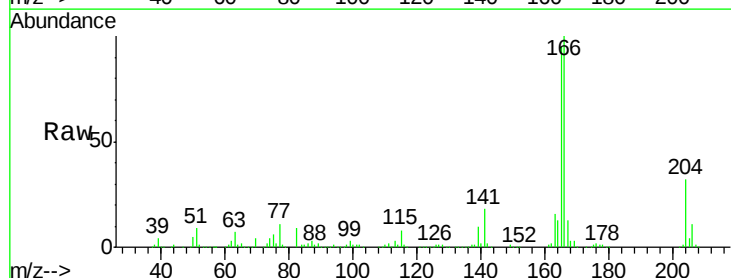
Tgt Ion:166 Resp: 787931

Ion Ratio Lower Upper

166 100

165 94.9 80.0 120.0

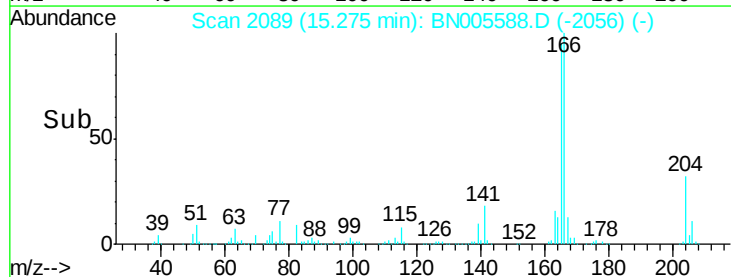
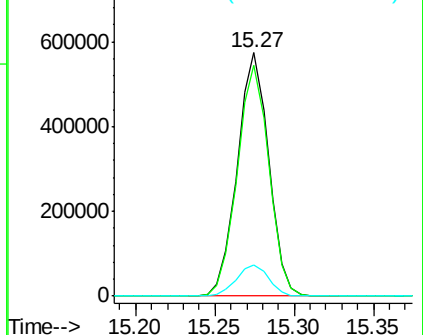
167 12.8 10.7 16.1

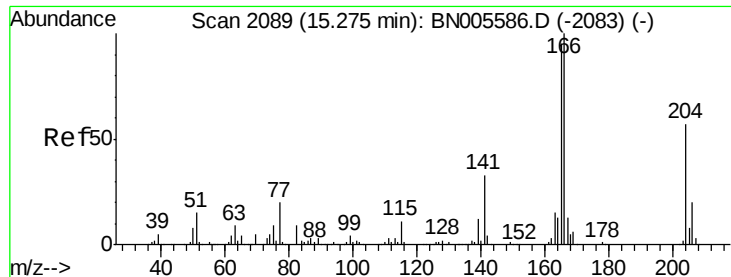


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

4-Chlorophenyl-phenylether

Concen: 16.351 ng/ul

RT: 15.27 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

Instrument :

BNA_N

ClientSampled :

A5109

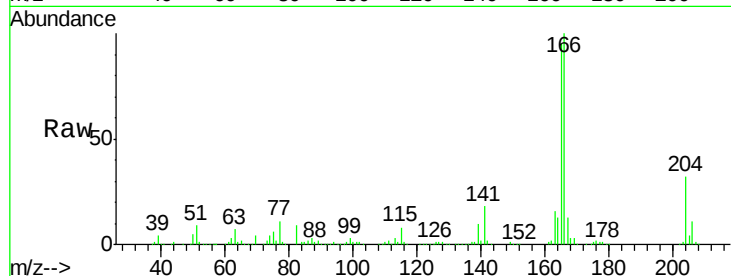
Tgt Ion:204 Resp: 250618

Ion Ratio Lower Upper

204 100

206 33.5 26.9 40.3

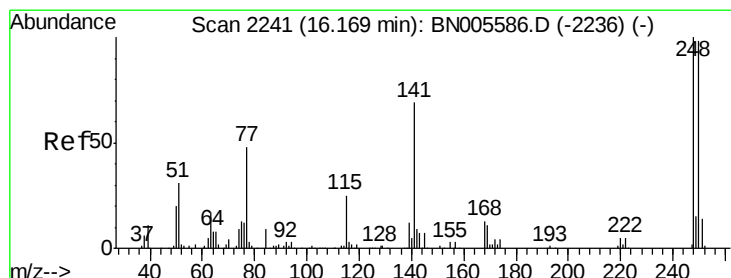
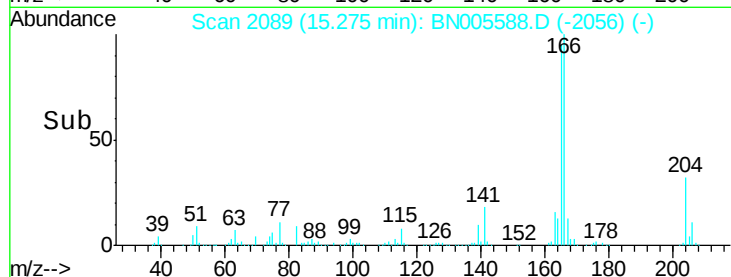
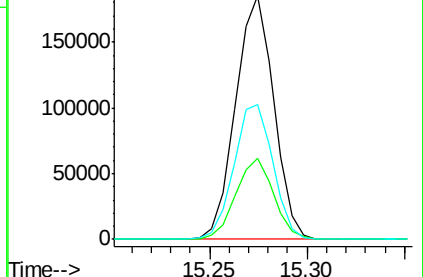
141 55.2 47.9 71.9



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



#65

4-Bromophenyl-phenylether

Concen: 24.782 ng/ul

RT: 16.17 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

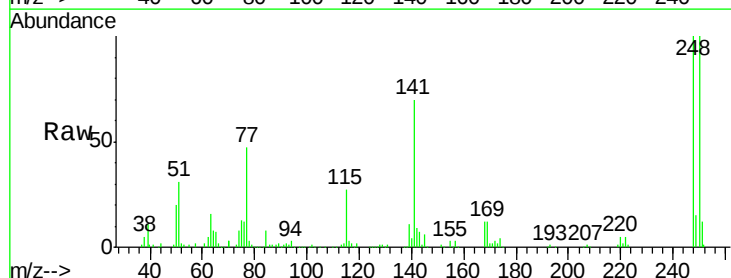
Tgt Ion:248 Resp: 246127

Ion Ratio Lower Upper

248 100

250 100.0 78.4 117.6

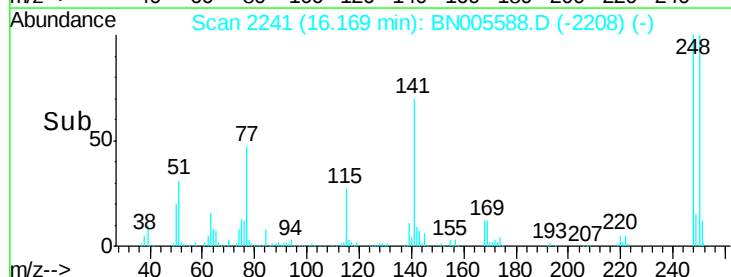
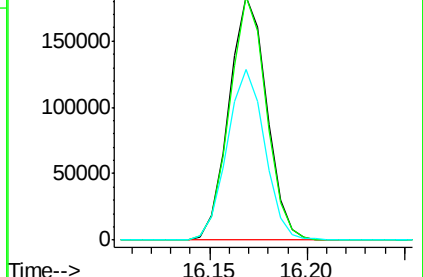
141 70.2 61.8 92.6

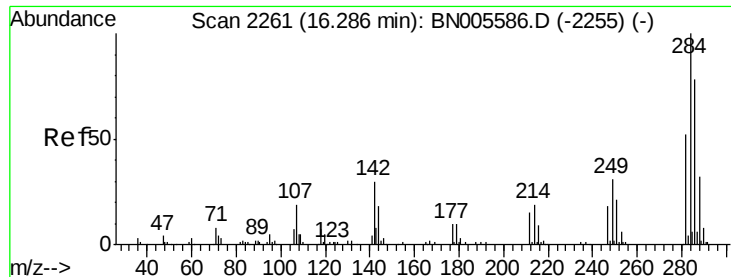


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

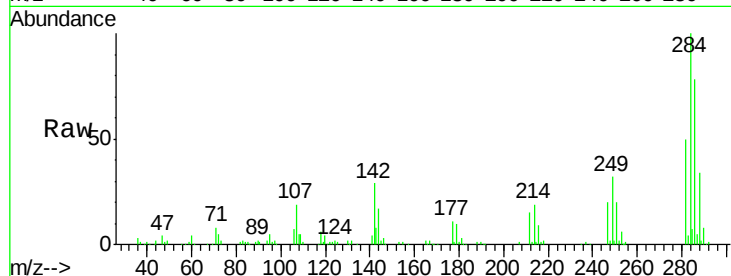




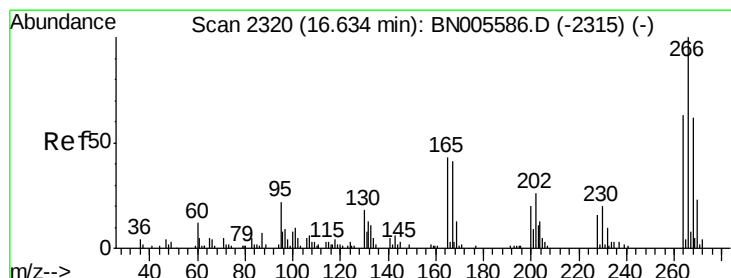
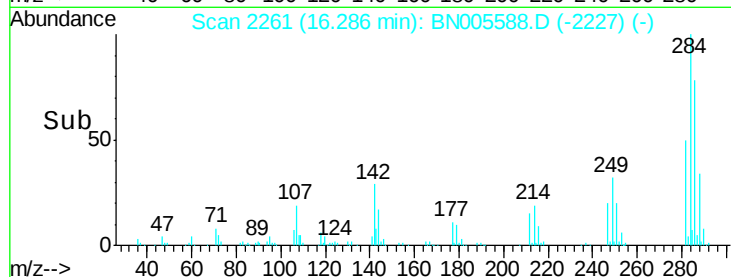
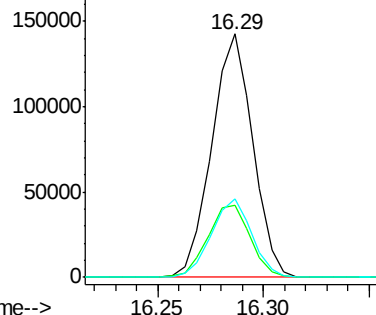
#66
Hexachlorobenzene
Concen: 18.189 ng/ul
RT: 16.29 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BN005588.D
Acq: 10 May 2019 14:24

Instrument :
BNA_N
ClientSampleId :
A5109

Tgt Ion:284 Resp: 192362
Ion Ratio Lower Upper
284 100
142 29.4 29.4 44.2#
249 32.1 26.1 39.1

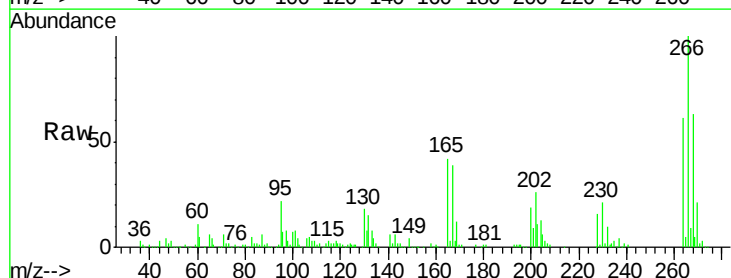


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

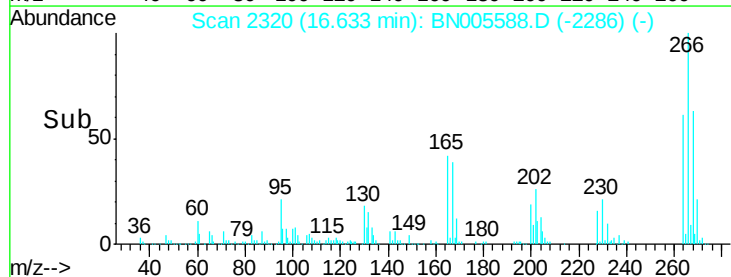
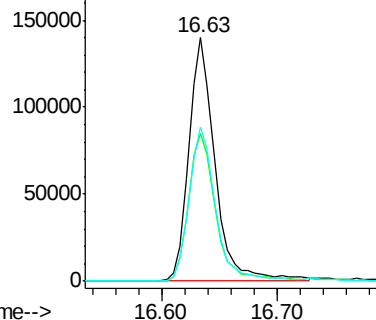


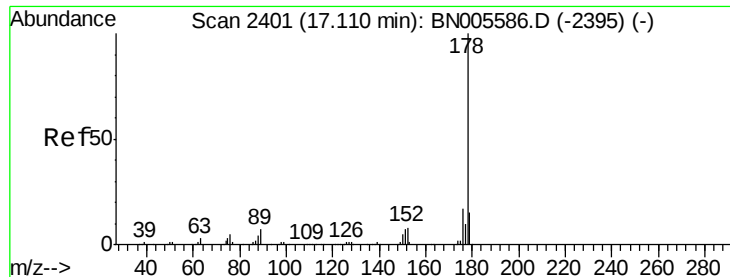
#68
Pentachlorophenol
Concen: 35.489 ng/ul
RT: 16.63 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BN005588.D
Acq: 10 May 2019 14:24

Tgt Ion:266 Resp: 219759
Ion Ratio Lower Upper
266 100
264 60.6 49.7 74.5
268 63.3 52.4 78.6



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

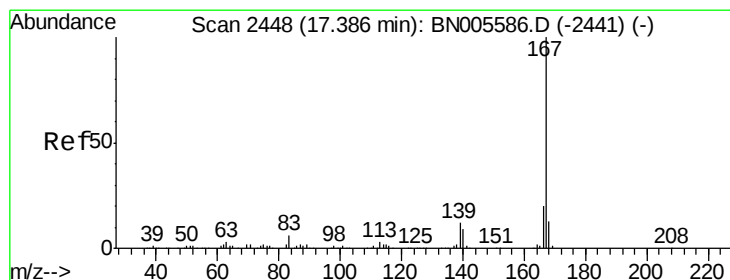
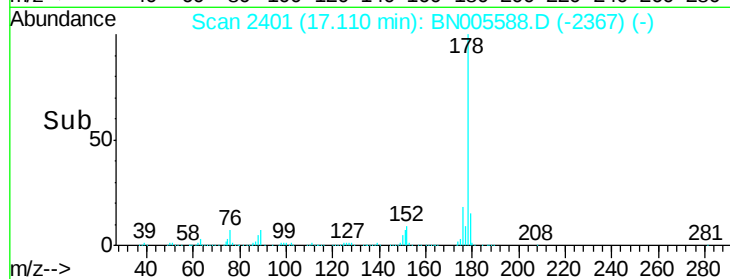
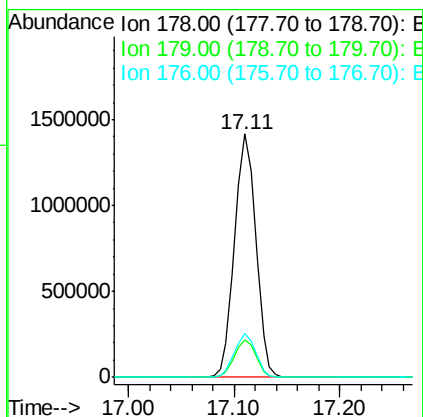
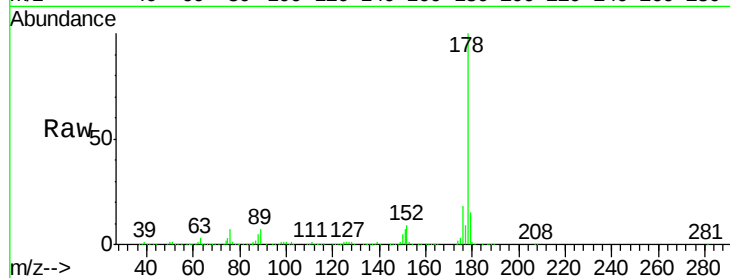




#71
 Anthracene
 Concen: 40.368 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BN005588.D
 Acq: 10 May 2019 14:24

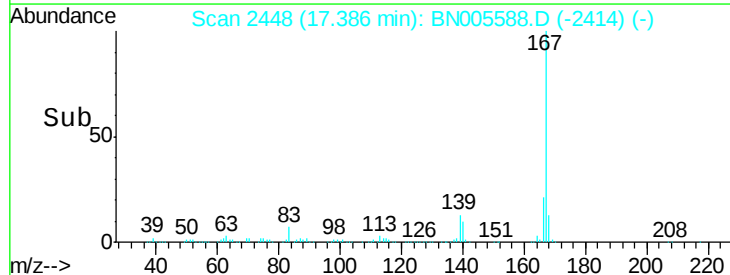
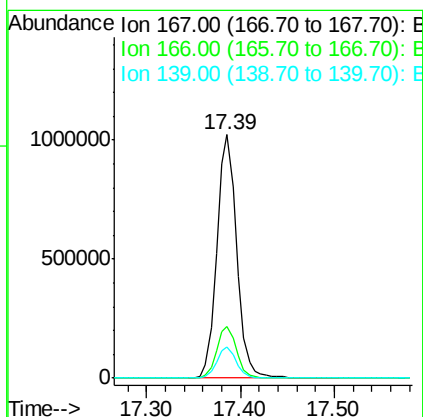
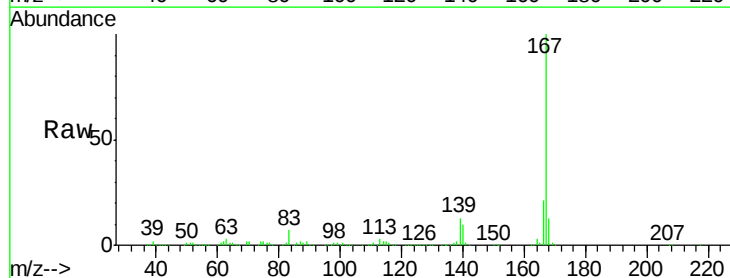
Instrument :
 BNA_N
 ClientSampleId :
 A5109

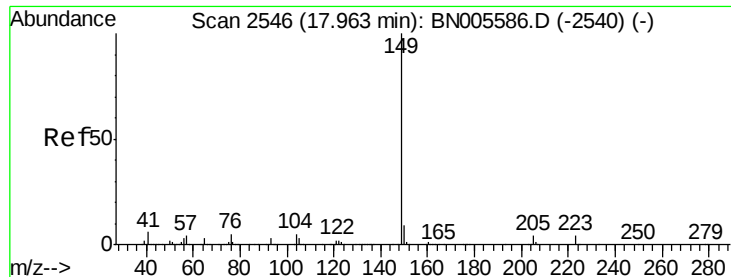
Tgt Ion:178 Resp: 1974387
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.3 18.5
 176 18.1 15.1 22.7



#74
 Carbazole
 Concen: 36.010 ng/ul
 RT: 17.39 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BN005588.D
 Acq: 10 May 2019 14:24

Tgt Ion:167 Resp: 1512926
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.6 10.6 16.0





#75

Di-n-butylphthalate

Concen: 32.776 ng/ul

RT: 17.96 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A5109

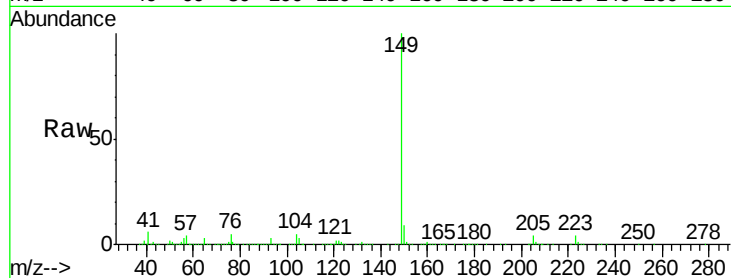
Tgt Ion:149 Resp: 1727826

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.0 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

2000000

1500000

1000000

500000

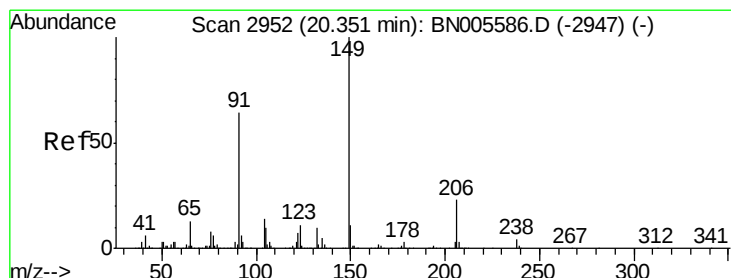
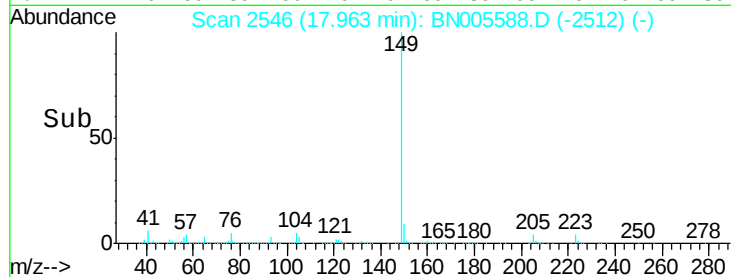
0

17.90

17.95

18.00

Time-->



#80

Butylbenzylphthalate

Concen: 36.958 ng/ul

RT: 20.34 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

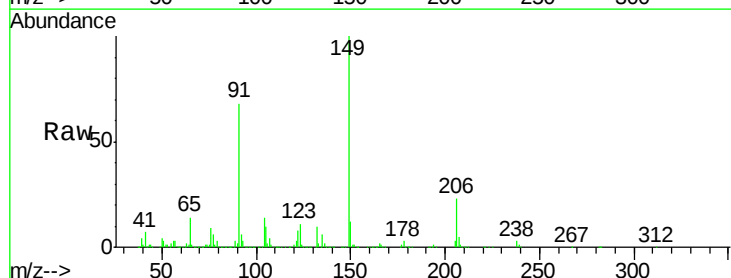
Tgt Ion:149 Resp: 876230

Ion Ratio Lower Upper

149 100

91 67.7 59.6 89.4

206 23.0 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

1000000

800000

600000

400000

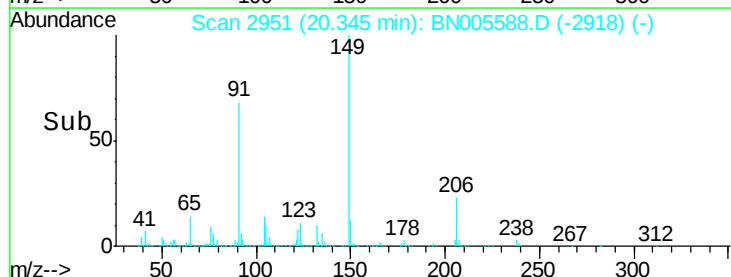
200000

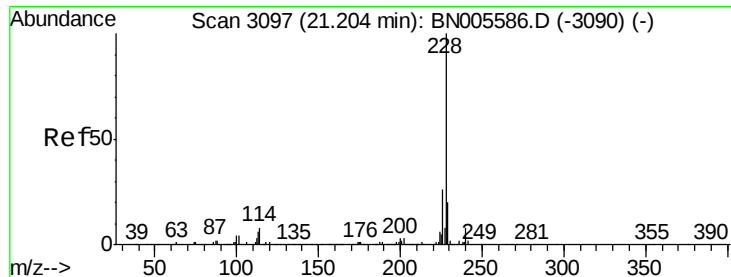
0

20.30

20.35

Time-->





#82

Benzo(a)anthracene

Concen: 29.237 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A5109

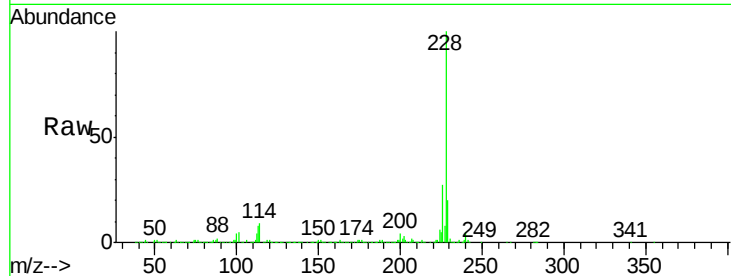
Tgt Ion:228 Resp: 1691606

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.6

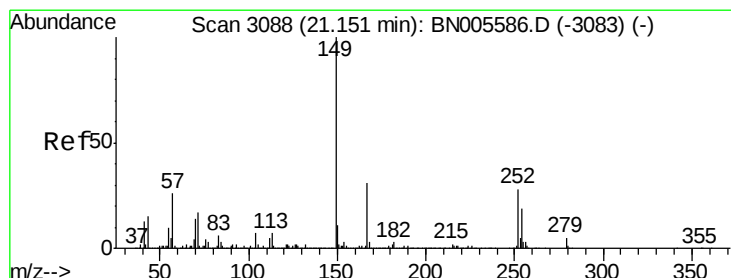
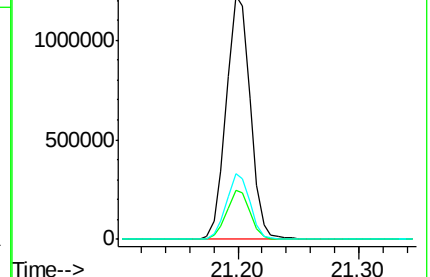
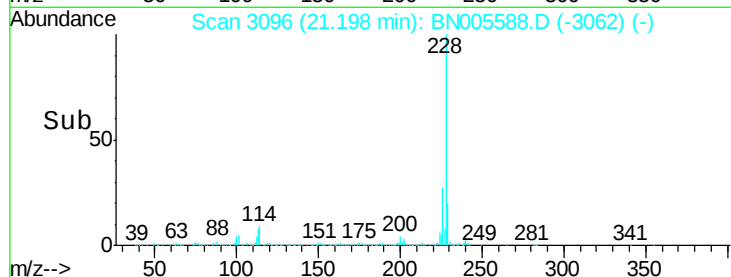
226 26.9 21.4 32.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 20.966 ng/ul

RT: 21.14 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

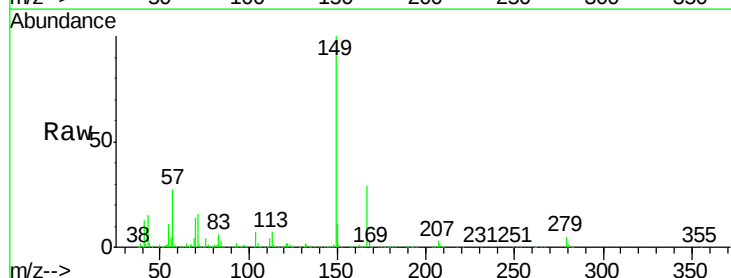
Tgt Ion:149 Resp: 765428

Ion Ratio Lower Upper

149 100

167 28.8 22.3 33.5

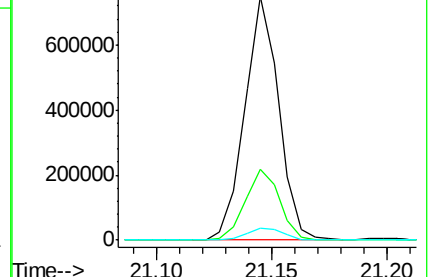
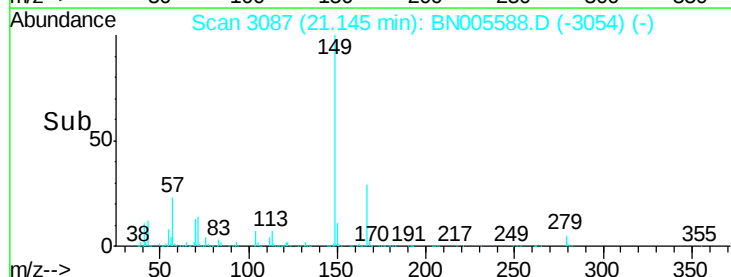
279 4.9 3.3 4.9

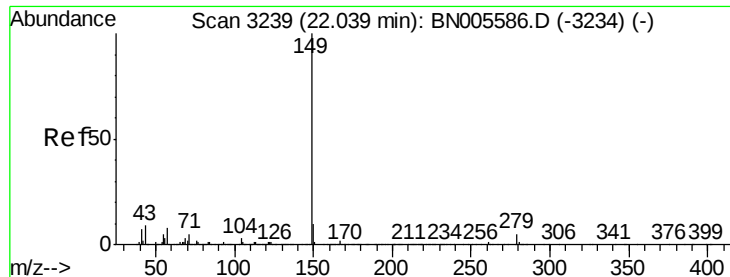


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Di-n-octyl phthalate

Concen: 43.596 ng/ul

RT: 22.03 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

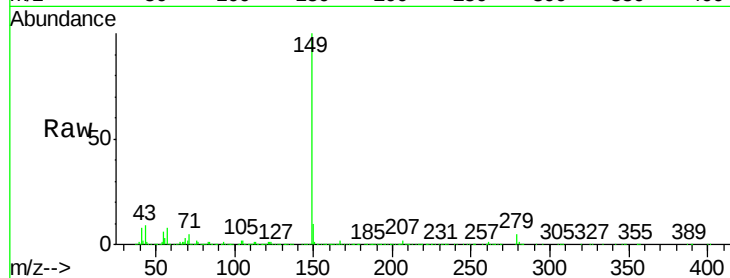
Instrument :

BNA_N

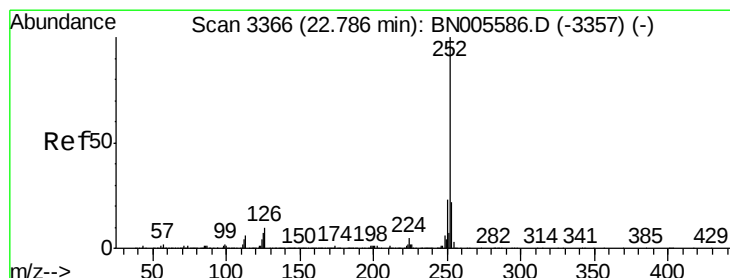
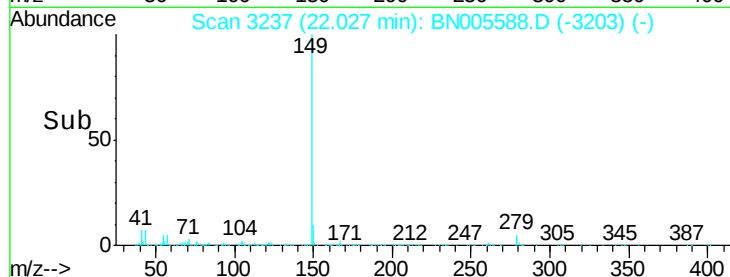
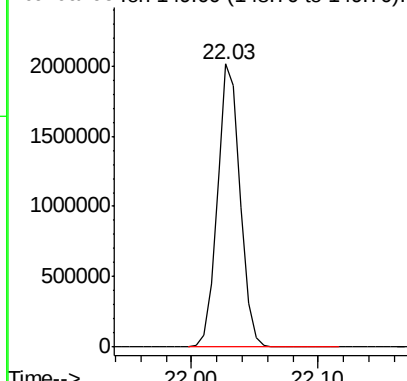
ClientSampleId :

A5109

Tgt Ion:149 Resp: 2492618



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 16.002 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

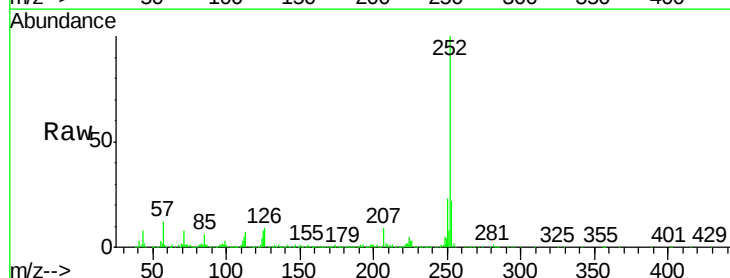
Tgt Ion:252 Resp: 839736

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

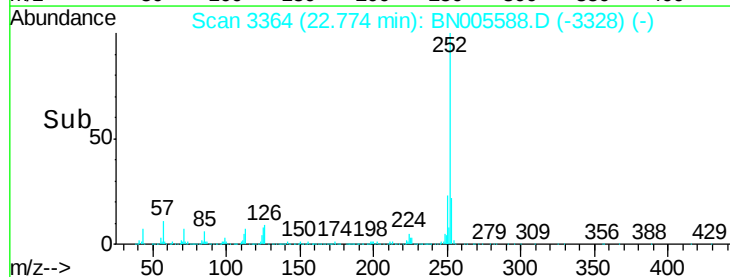
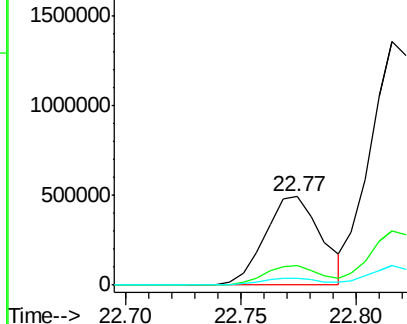
125 7.7 8.4 12.6#

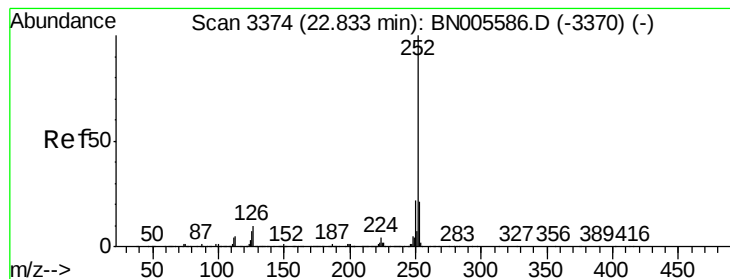


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 43.110 ng/ul

RT: 22.82 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

Instrument :

BNA_N

ClientSampleId :

A5109

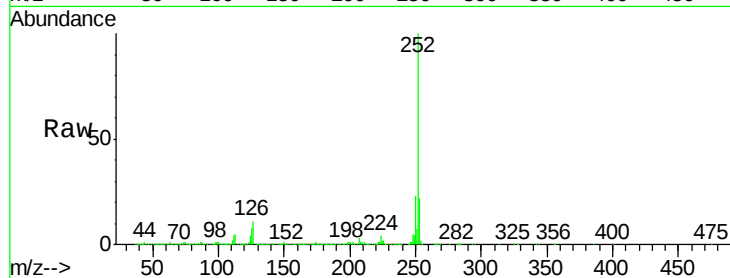
Tgt Ion:252 Resp: 2160566

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

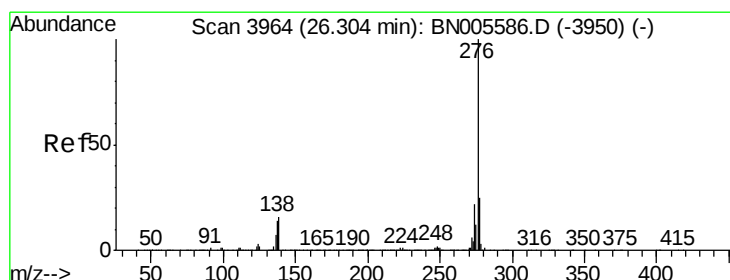
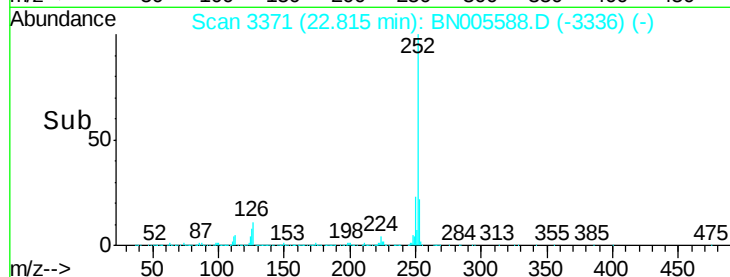
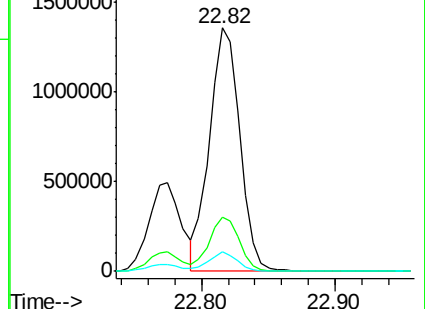
125 7.9 7.5 11.3



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



#93

Benzo(g,h,i)perylene

Concen: 25.283 ng/ul

RT: 26.28 min Scan# 3960

Delta R.T. 0.01 min

Lab File: BN005588.D

Acq: 10 May 2019 14:24

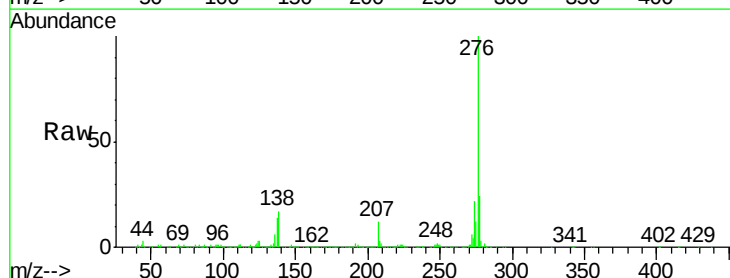
Tgt Ion:276 Resp: 1140051

Ion Ratio Lower Upper

276 100

138 16.5 16.7 25.1#

277 23.6 18.2 27.2



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

