

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102418\
 Data File : BN003281.D
 Acq On : 24 Oct 2018 20:52
 Operator : MJ/SJ
 Sample : J5164-03
 Misc : MDL 2PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 25 05:23:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 14:21:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	95788	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	445215	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	287203	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	672374	20.00	ng	0.00
76) Chrysene-d12	21.21	240	771260	20.00	ng	0.00
87) Perylene-d12	23.41	264	806051	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	767369	139.53	ng	0.00
7) Phenol-d6	6.80	99	1068723	136.66	ng	0.00
23) Nitrobenzene-d5	8.76	82	635291	81.83	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	536930	138.84	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1709565	80.74	ng	0.00
79) Terphenyl-d14	19.64	244	2766268	76.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	5322	2.038	ng	99
3) Pyridine	3.64	79	7242	1.214	ng	# 86
4) n-Nitrosodimethylamine	3.50	42	119	0.054	ng	# 1
6) Aniline	6.95	93	15363	1.573	ng	97
8) 2-Chlorophenol	7.18	128	13401	1.978	ng	84
9) Benzaldehyde	6.79	77	10204	2.247	ng	84
10) Phenol	6.82	94	16947	2.054	ng	# 54
11) bis(2-Chloroethyl)ether	7.05	93	13348	1.980	ng	98
12) 1,3-Dichlorobenzene	7.49	146	14781	1.963	ng	99
13) 1,4-Dichlorobenzene	7.64	146	14821	1.911	ng	91
14) 1,2-Dichlorobenzene	7.95	146	15968	2.122	ng	99
15) Benzyl Alcohol	7.88	79	4341	0.770	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.14	45	19572	1.980	ng	97
17) 2-Methylphenol	8.08	107	11004	1.951	ng	94
18) Hexachloroethane	8.66	117	5119	1.884	ng	93
19) n-Nitroso-di-n-propylamine	8.40	70	9951	1.765	ng	90
20) 3+4-Methylphenols	8.08	107	11004	1.374	ng	79
22) Acetophenone	8.43	105	20533	1.903	ng	# 97
24) Nitrobenzene	8.80	77	17957	2.267	ng	93
25) Isophorone	9.32	82	28456	2.090	ng	96
26) 2-Nitrophenol	9.53	139	5170	1.240	ng	# 91
27) 2,4-Dimethylphenol	9.63	122	10416	1.777	ng	93
28) bis(2-Chloroethoxy)methane	9.83	93	18414	2.007	ng	# 88
29) 2,4-Dichlorophenol	10.13	162	11647	1.741	ng	91
30) 1,2,4-Trichlorobenzene	10.25	180	14661	1.928	ng	95
31) Naphthalene	10.42	128	47194	2.169	ng	98
32) Benzoic acid	9.82	122	1024	5.189	ng	# 55
33) 4-Chloroaniline	10.60	127	13351	1.389	ng	96
34) Hexachlorobutadiene	10.70	225	8674	1.911	ng	95
35) Caprolactam	11.35	113	2798	1.068	ng	92
36) 4-Chloro-3-methylphenol	11.74	107	13005	1.743	ng	87
37) 2-Methylnaphthalene	12.05	142	34762	2.236	ng	97
38) 1-Methylnaphthalene	12.27	142	34056	2.243	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	16901	1.779	ng	99

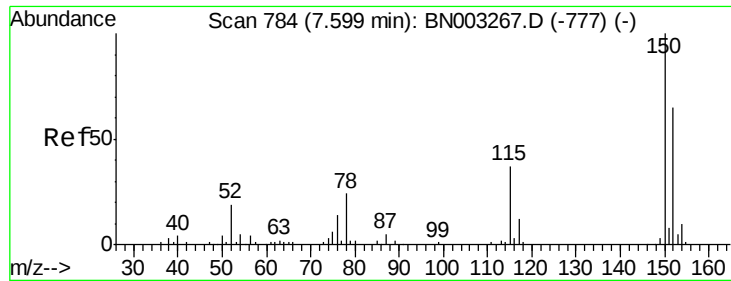
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102418\
 Data File : BN003281.D
 Acq On : 24 Oct 2018 20:52
 Operator : MJ/SJ
 Sample : J5164-03
 Misc : MDL 2PPM
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 14:21:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	817	9.105	ng	92
43) 2,4,6-Trichlorophenol	12.71	196	9392	1.565	ng	91
44) 2,4,5-Trichlorophenol	12.82	196	10705	1.710	ng	96
46) 1,1'-Biphenyl	13.08	154	47628	1.889	ng	97
47) 2-Chloronaphthalene	13.12	162	34354	1.848	ng	97
48) 2-Nitroaniline	13.38	65	8110	1.484	ng	89
49) Acenaphthylene	13.97	152	58308	2.049	ng	98
50) Dimethylphthalate	13.72	163	47047	2.026	ng	99
51) 2,6-Dinitrotoluene	13.85	165	9101	1.727	ng #	90
52) Acenaphthene	14.31	154	35470	2.057	ng	97
53) 3-Nitroaniline	14.22	138	6141	1.090	ng #	90
54) 2,4-Dinitrophenol	14.53	184	121	6.500	ng #	22
55) Dibenzofuran	14.66	168	56265	2.006	ng	99
56) 4-Nitrophenol	14.66	139	22978	10.694	ng #	18
57) 2,4-Dinitrotoluene	14.66	165	10802	1.512	ng #	81
58) Fluorene	15.30	166	45993	2.125	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.91	232	9453	1.719	ng #	96
60) Diethylphthalate	15.07	149	44883	1.905	ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	23111	1.922	ng	96
62) 4-Nitroaniline	15.40	138	5233	0.951	ng	96
63) Azobenzene	15.59	77	42810	1.966	ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	3447	0.735	ng	90
66) n-Nitrosodiphenylamine	15.52	169	39888	1.895	ng	97
67) 4-Bromophenyl-phenylether	16.19	248	14870	1.964	ng	98
68) Hexachlorobenzene	16.32	284	16795	1.947	ng	96
69) Atrazine	16.48	200	13576	1.820	ng	95
70) Pentachlorophenol	16.71	266	2291	7.015	ng #	78
71) Phenanthrene	17.05	178	75923	2.148	ng	98
72) Anthracene	17.15	178	74458	2.111	ng	98
73) Carbazole	17.44	167	66533	1.821	ng	99
74) Di-n-butylphthalate	17.97	149	74723	1.754	ng	97
75) Fluoranthene	19.08	202	88875	2.134	ng	99
77) Benzidine	19.30	184	13998	0.620	ng #	94
78) Pyrene	19.45	202	91157	2.011	ng	97
80) Butylbenzylphthalate	20.34	149	35441	1.684	ng	97
81) Benzo(a)anthracene	21.19	228	95005	2.115	ng	99
82) 3,3'-Dichlorobenzidine	21.15	252	26545	1.428	ng	94
83) Chrysene	21.25	228	92425	2.141	ng	97
84) Bis(2-ethylhexyl)phthalate	21.12	149	54758	1.754	ng	97
85) Di-n-octyl phthalate	21.99	149	98109	1.832	ng	99
86) Indeno(1,2,3-cd)pyrene	25.64	276	101759	2.056	ng	99
88) Benzo(b)fluoranthene	22.76	252	96570	2.176	ng	99
89) Benzo(k)fluoranthene	22.81	252	93399	2.146	ng	99
90) Benzo(a)pyrene	23.32	252	91139	2.155	ng	99
91) Dibenzo(a,h)anthracene	25.64	278	87740	2.096	ng	97
92) Benzo(g,h,i)perylene	26.32	276	84329	2.098	ng	98

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

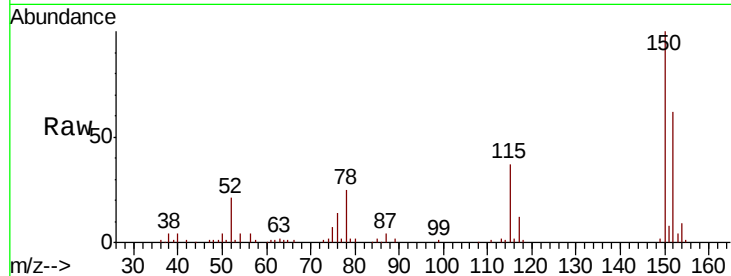


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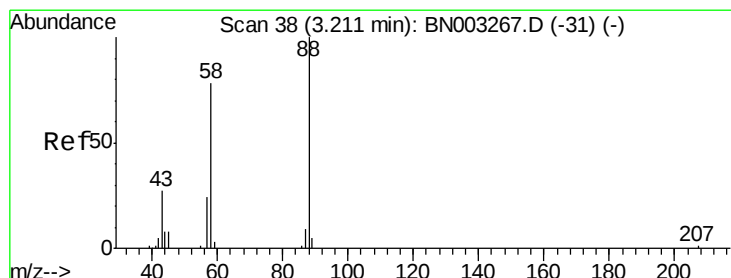
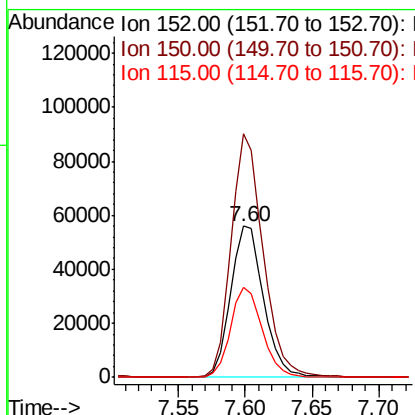
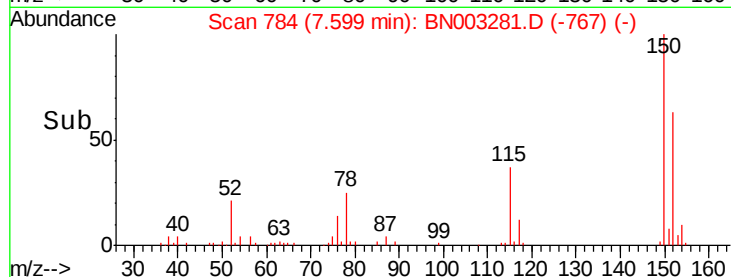
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 784
Delta R.T. 0.00 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 95788
Ion Ratio Lower Upper
152 100
150 160.8 123.8 185.8
115 59.6 45.9 68.9



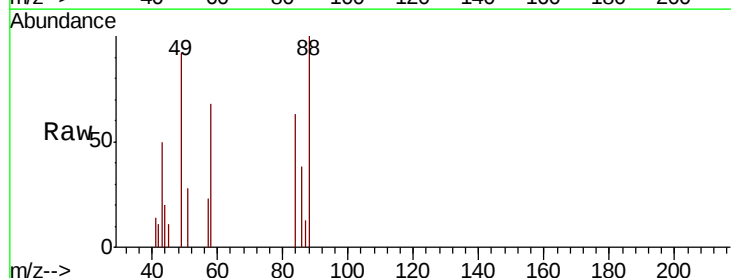
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



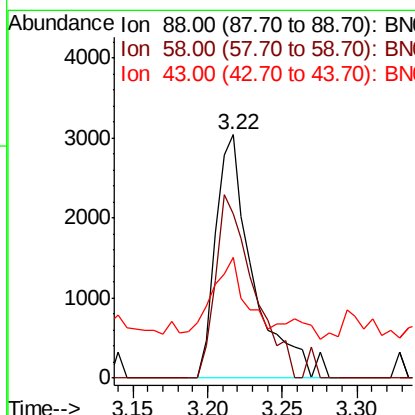
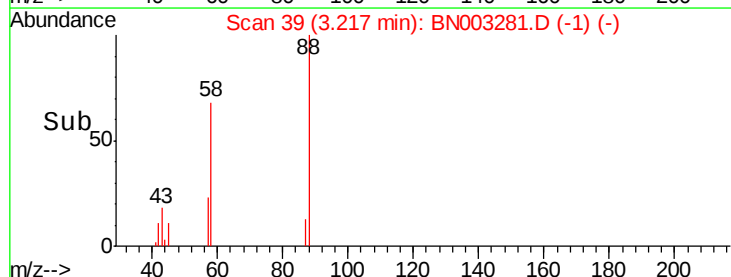
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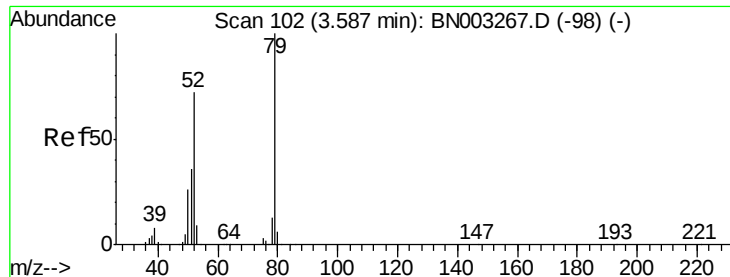
1,4-Dioxane
Concen: 2.038 ng
RT: 3.22 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion: 88 Resp: 5322
Ion Ratio Lower Upper
88 100
58 76.3 61.1 91.7
43 26.6 22.2 33.4



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

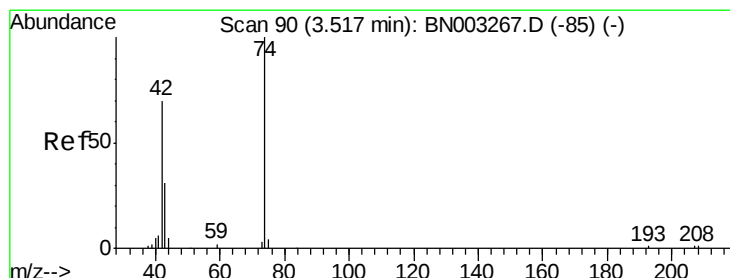
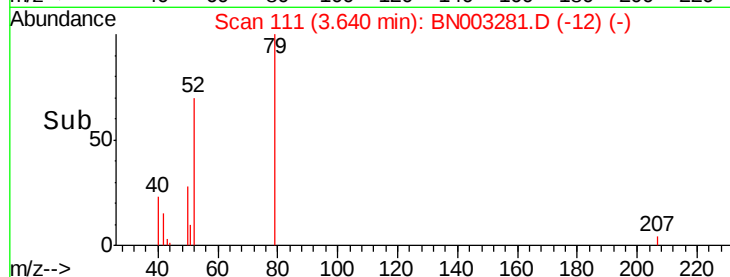
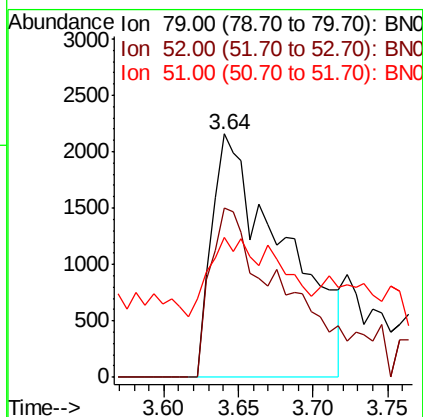
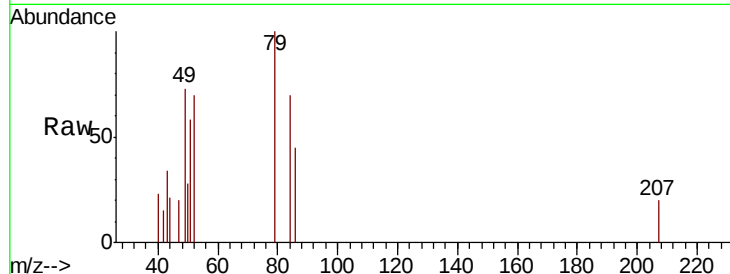




#3
Pvridine
Concen: 1.214 ng
RT: 3.64 min Scan# 111
Delta R.T. 0.05 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

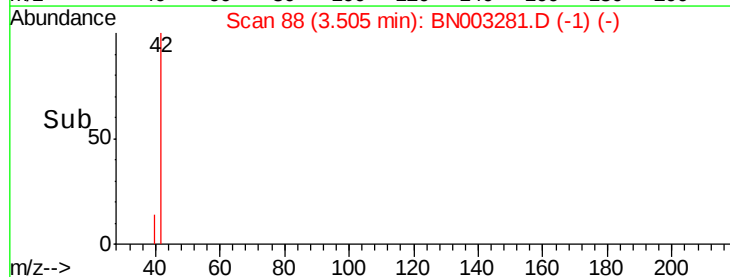
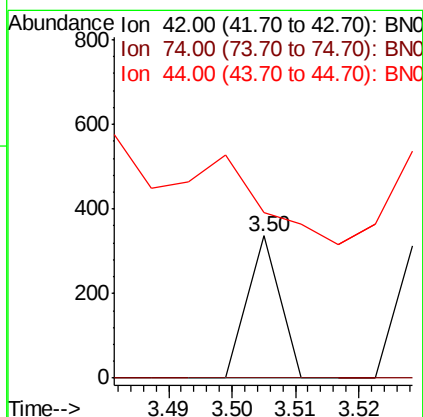
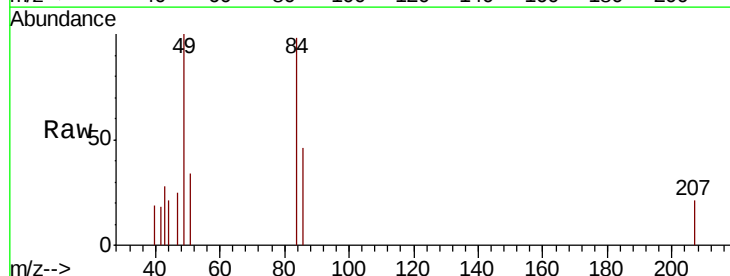
Instrument :
BNA_N
ClientSampleId :

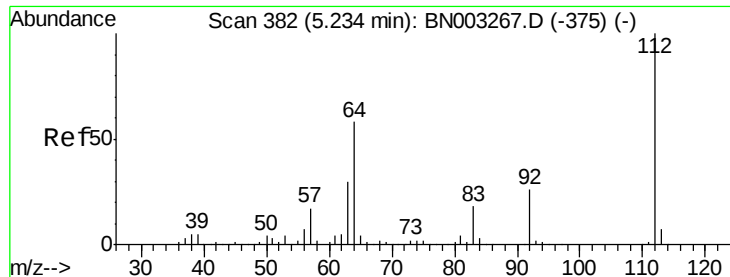
Tot Ion: 79 Resp: 7242
Ion Ratio Lower Upper
79 100
52 69.6 57.7 86.5
51 57.6 28.7 43.1#



#4
n-Nitrosodimethylamine
Concen: 0.054 ng
RT: 3.50 min Scan# 88
Delta R.T. -0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion: 42 Resp: 119
Ion Ratio Lower Upper
42 100
74 0.0 114.2 171.4#
44 116.4 6.1 9.1#





#5

2-Fluorophenol

Concen: 139.533 ng

RT: 5.23 min Scan# 381

Delta R.T. -0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampled :

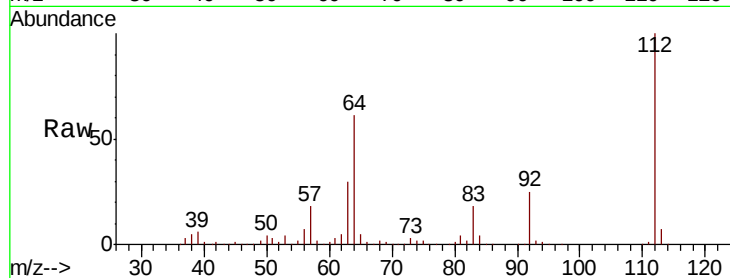
Tot Ion:112 Resp: 767369

Ion Ratio Lower Upper

112 100

64 60.5 46.6 69.8

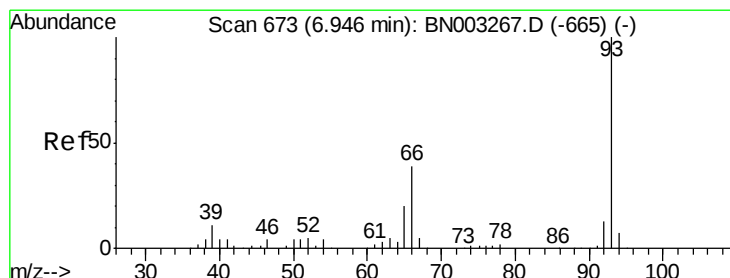
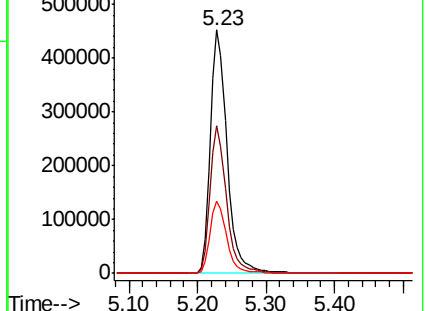
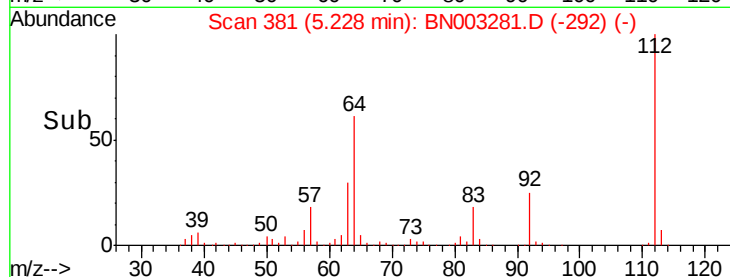
63 29.5 23.8 35.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 1.573 ng

RT: 6.95 min Scan# 673

Delta R.T. 0.00 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

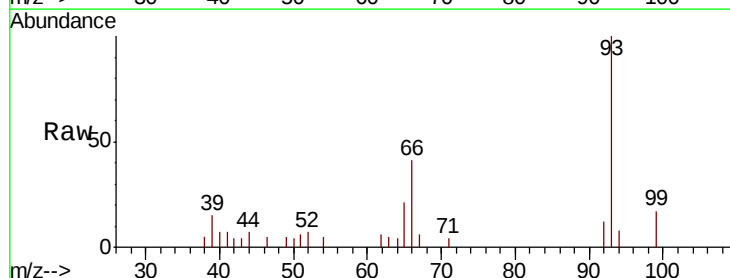
Tgt Ion: 93 Resp: 15363

Ion Ratio Lower Upper

93 100

66 40.9 31.4 47.0

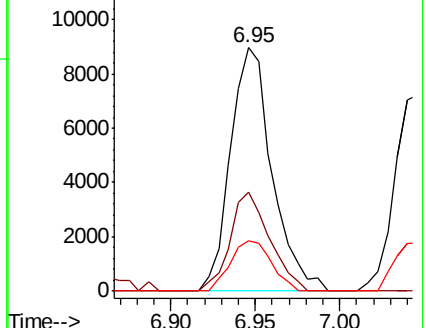
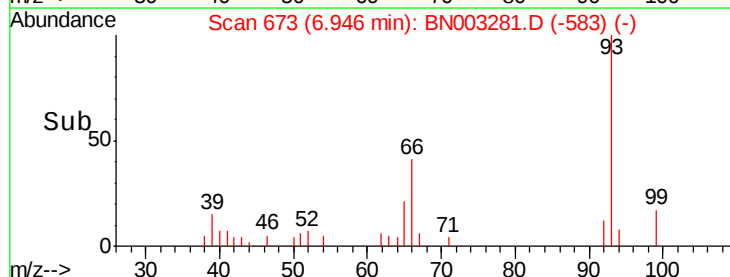
65 20.8 15.7 23.5

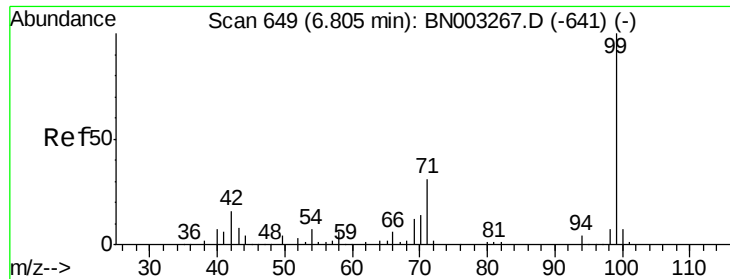


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 136.664 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampleId :

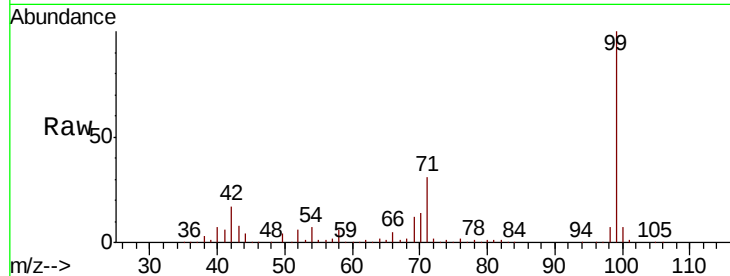
Tot Ion: 99 Resp: 1068723

Ion Ratio Lower Upper

99 100

42 16.5 13.0 19.6

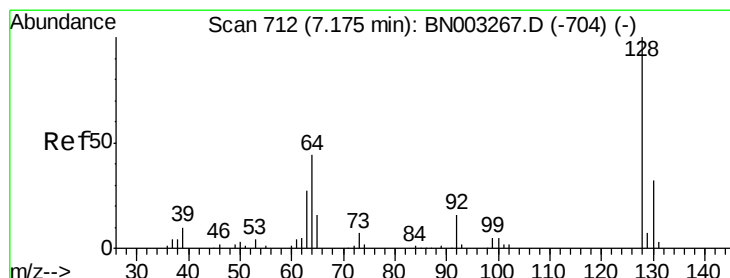
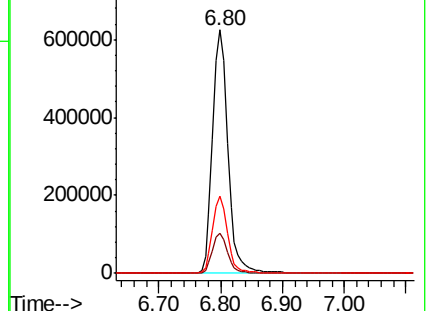
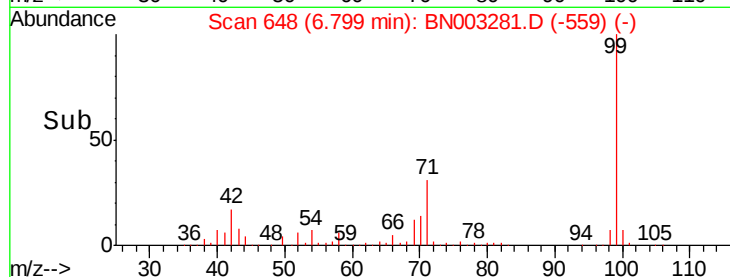
71 31.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN003267.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BN003267.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BN003267.D (-641) (-)



#8

2-Chlorophenol

Concen: 1.978 ng

RT: 7.18 min Scan# 712

Delta R.T. 0.00 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

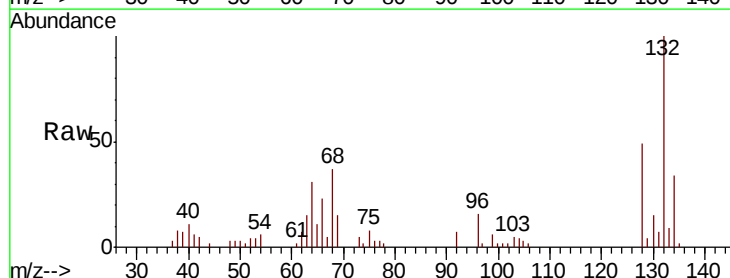
Tgt Ion: 128 Resp: 13401

Ion Ratio Lower Upper

128 100

130 31.6 12.4 52.4

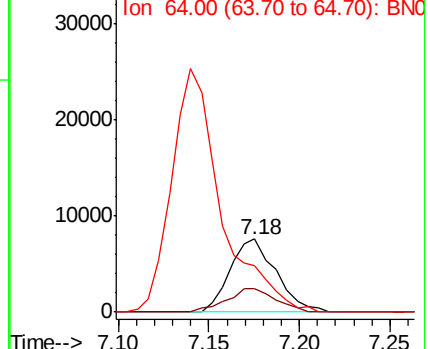
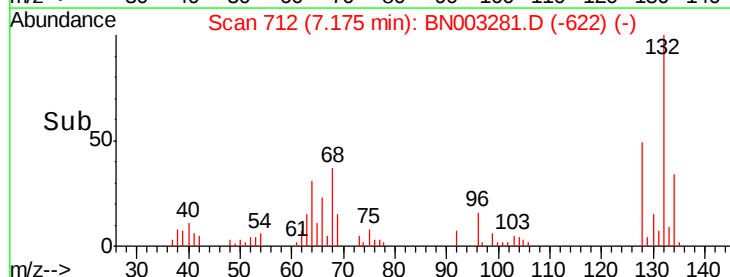
64 63.9 27.0 67.0

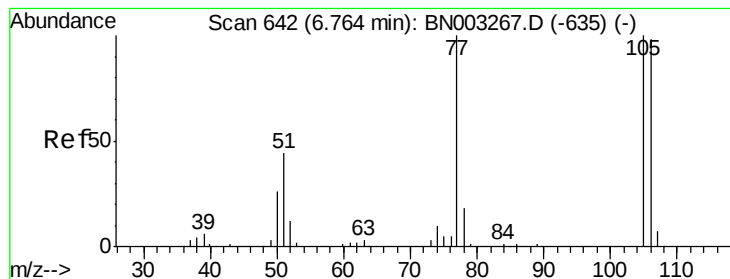


Abundance Ion 128.00 (127.70 to 128.70): BN003267.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BN003267.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BN003267.D (-704) (-)





#9

Benzaldehyde

Concen: 2.247 ng

RT: 6.79 min Scan# 646

Delta R.T. 0.02 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampleId :

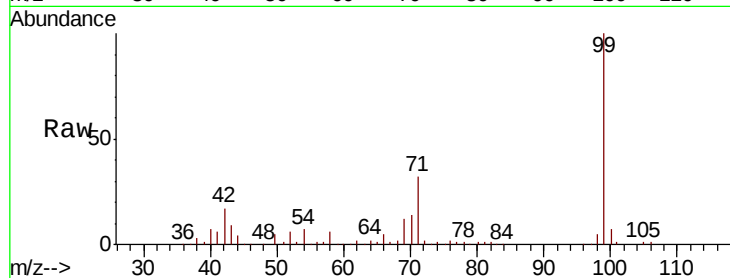
Tot Ion: 77 Resp: 10204

Ion Ratio Lower Upper

77 100

105 85.7 79.9 119.9

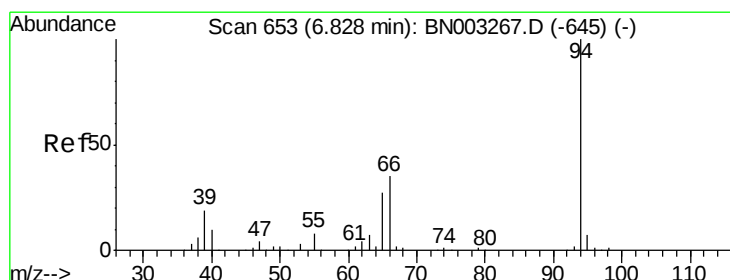
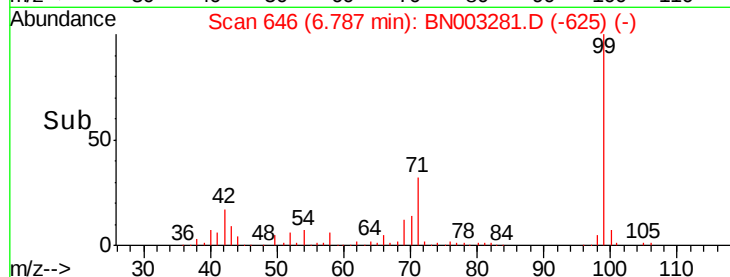
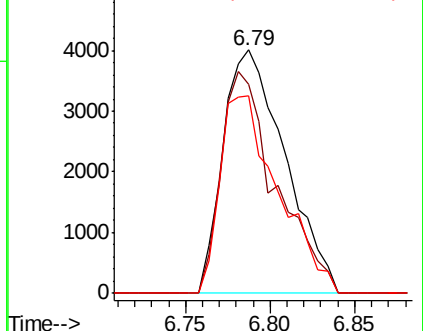
106 81.3 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 2.054 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

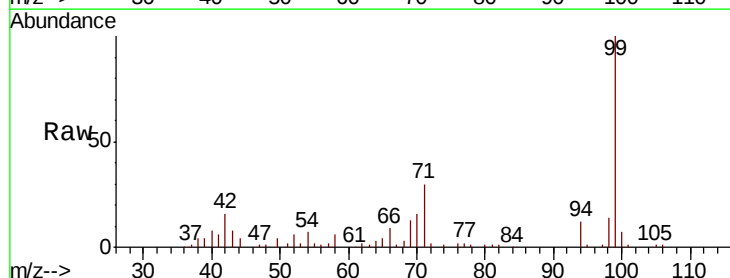
Tgt Ion: 94 Resp: 16947

Ion Ratio Lower Upper

94 100

65 38.1 7.7 47.7

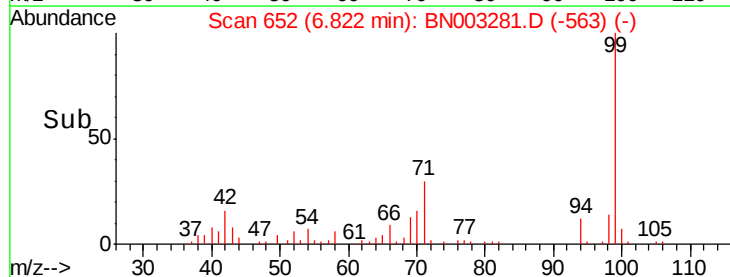
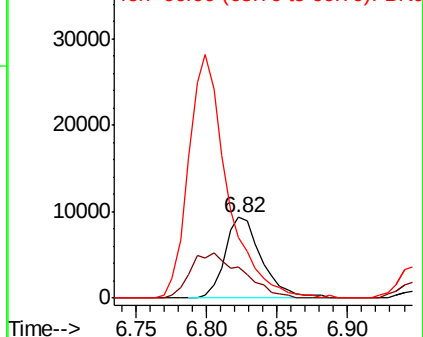
66 74.4 15.8 55.8#

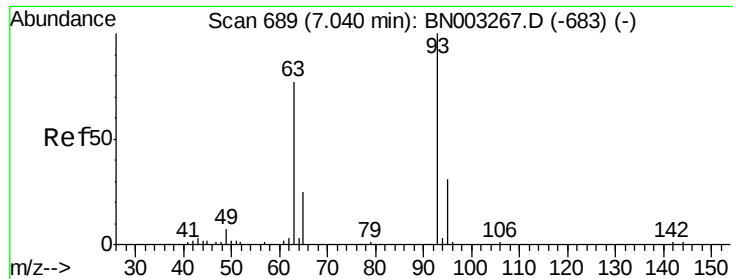


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC



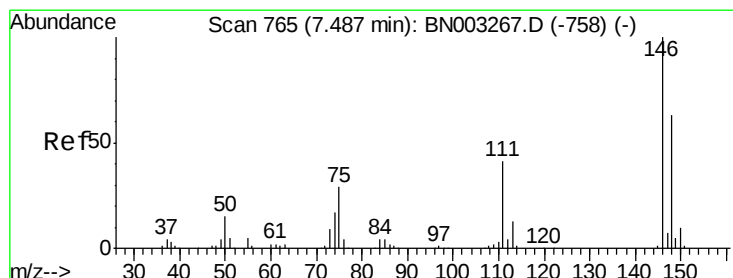
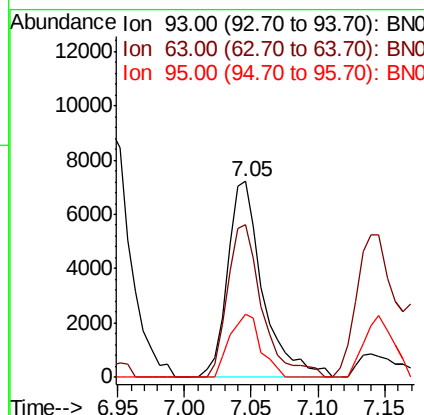
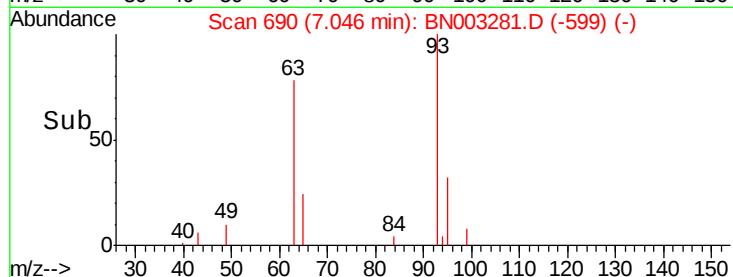
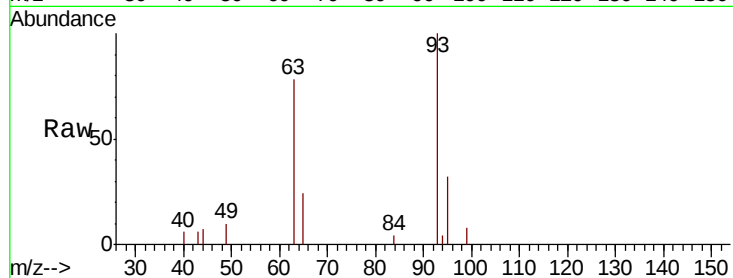


#11
bis(2-Chloroethyl)ether
Concen: 1.980 ng
RT: 7.05 min Scan# 690
Delta R.T. 0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Instrument :
BNA_N
ClientSampled :

Tot Ion: 93 Resp: 13348

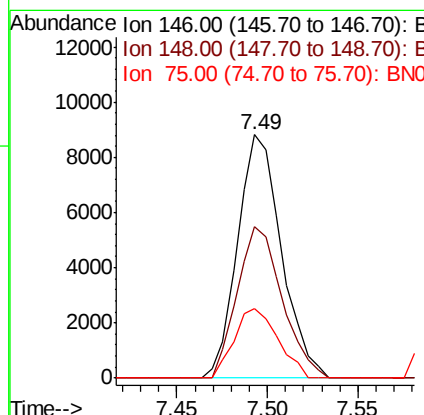
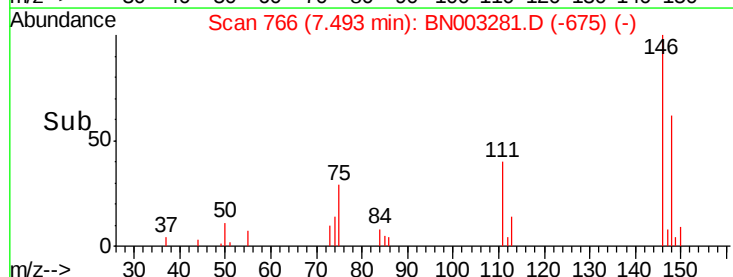
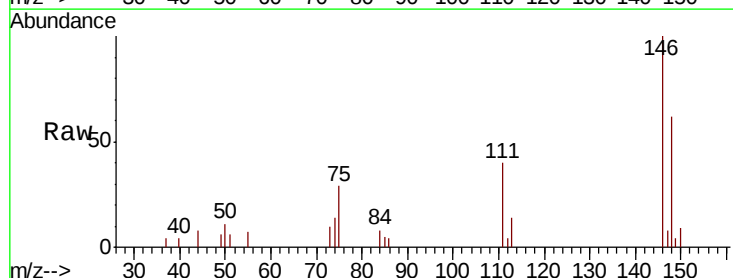
Ion	Ratio	Lower	Upper
93	100		
63	77.9	56.6	96.6
95	32.4	10.9	50.9

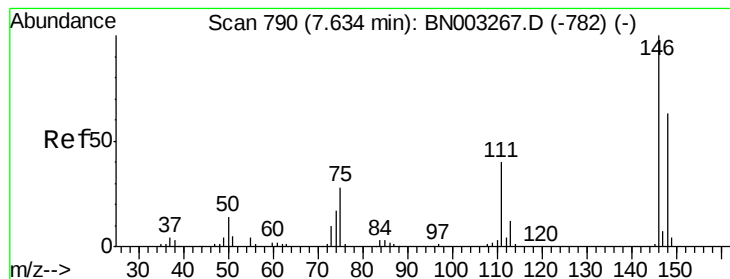


#12
1,3-Dichlorobenzene
Concen: 1.963 ng
RT: 7.49 min Scan# 766
Delta R.T. 0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion: 146 Resp: 14781

Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.1	75.1
75	28.6	22.9	34.3





#13

1,4-Dichlorobenzene

Concen: 1.911 ng

RT: 7.64 min Scan# 791

Delta R.T. 0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampled :

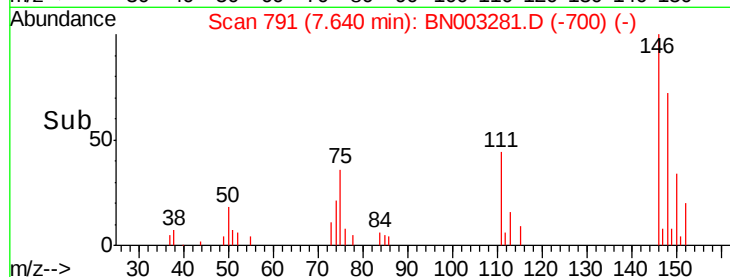
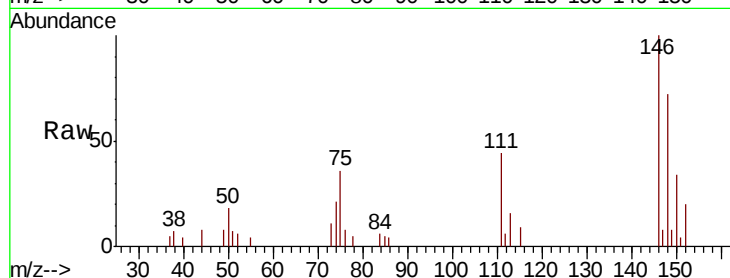
Tot Ion:146 Resp: 14821

Ion Ratio Lower Upper

146 100

148 71.7 50.2 75.2

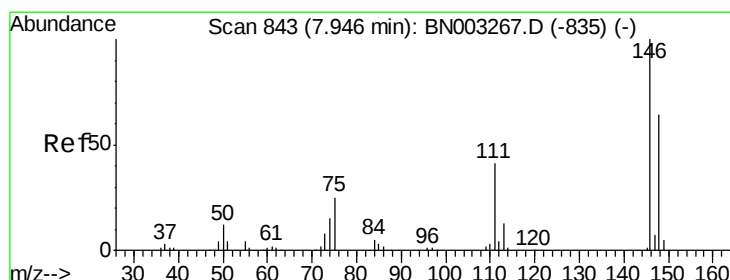
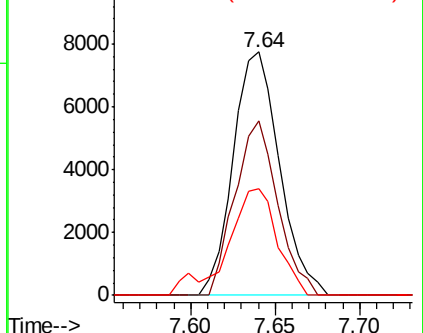
111 43.6 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 2.122 ng

RT: 7.95 min Scan# 843

Delta R.T. 0.00 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

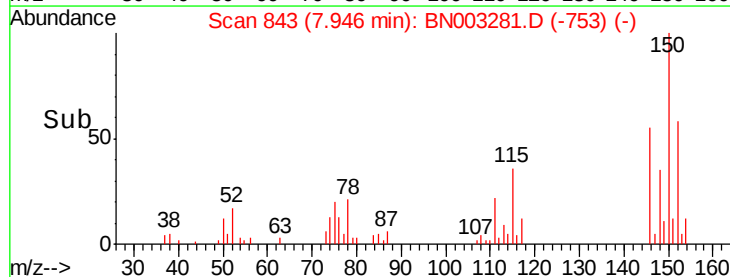
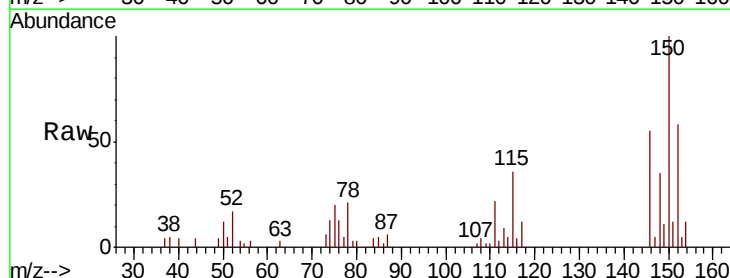
Tgt Ion:146 Resp: 15968

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

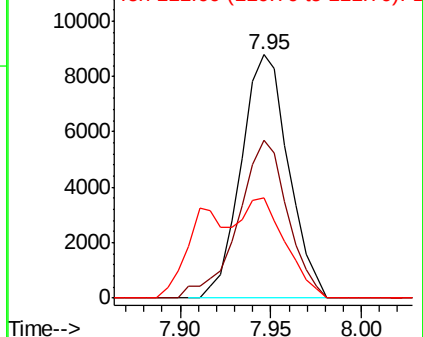
111 40.9 33.1 49.7

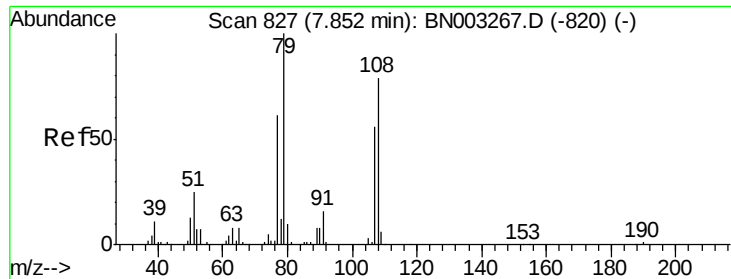


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.770 ng

RT: 7.88 min Scan# 832

Delta R.T. 0.03 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampled :

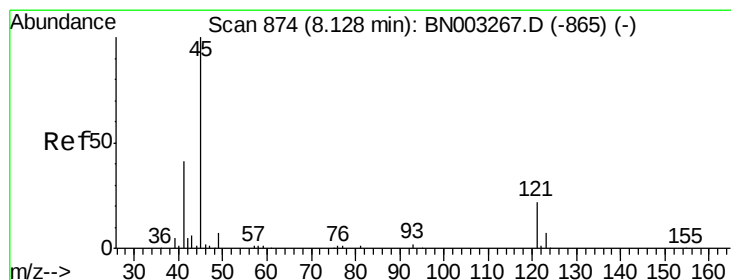
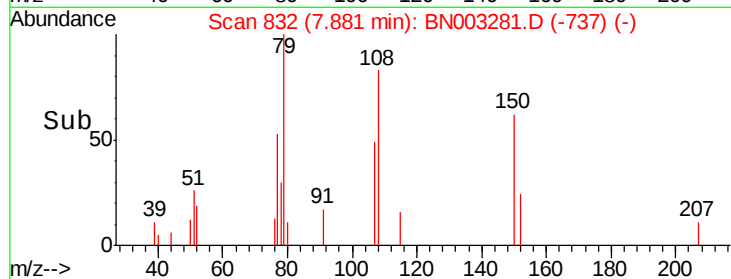
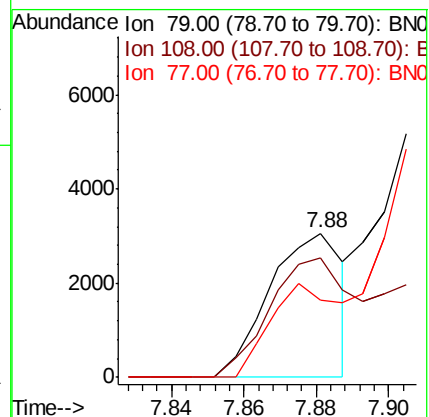
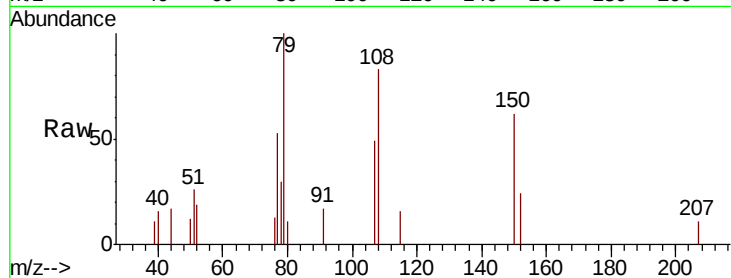
Tot Ion: 79 Resp: 4341

Ion Ratio Lower Upper

79 100

108 82.5 63.3 94.9

77 53.4 49.0 73.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.980 ng

RT: 8.14 min Scan# 876

Delta R.T. 0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

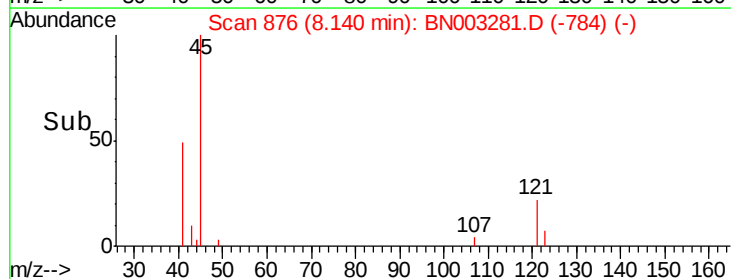
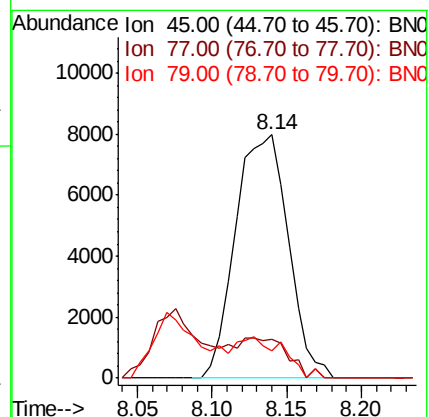
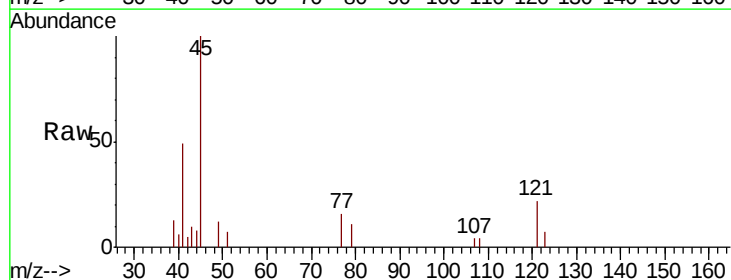
Tgt Ion: 45 Resp: 19572

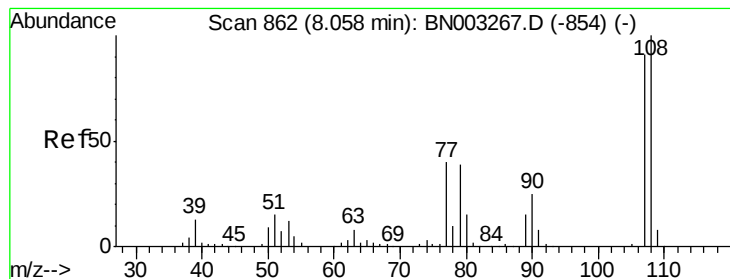
Ion Ratio Lower Upper

45 100

77 15.8 0.0 34.0

79 11.3 0.0 30.9





#17

2-Methylphenol

Concen: 1.951 ng

RT: 8.08 min Scan# 865

Delta R.T. 0.02 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampleId :

Tot Ion:107 Resp: 11004

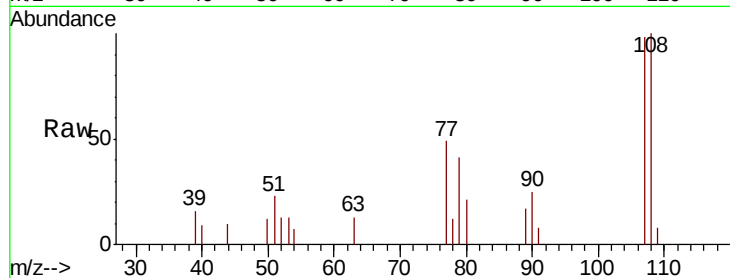
Ion Ratio Lower Upper

107 100

108 101.7 87.6 131.4

77 49.4 35.3 52.9

79 41.2 34.2 51.4

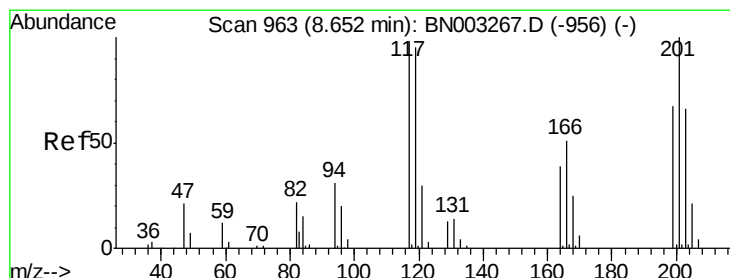
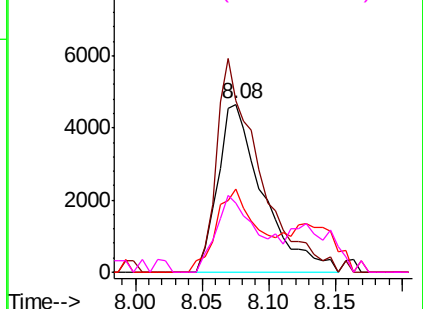
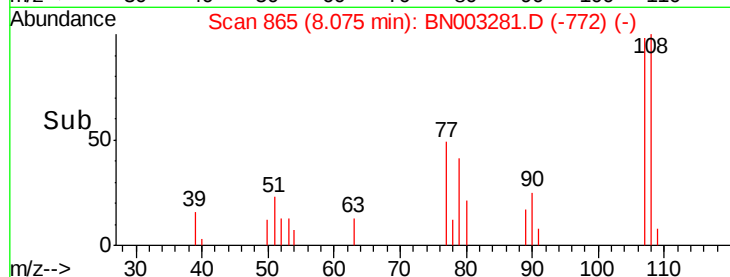


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 1.884 ng

RT: 8.66 min Scan# 964

Delta R.T. 0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

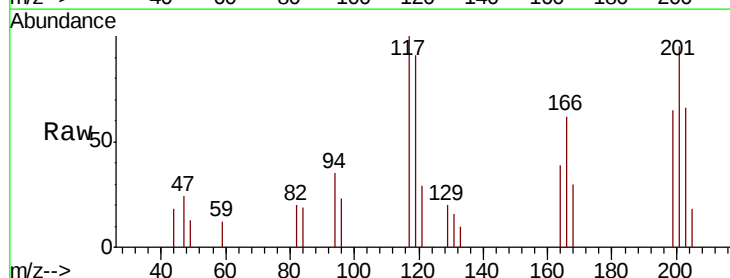
Tgt Ion:117 Resp: 5119

Ion Ratio Lower Upper

117 100

119 90.6 77.8 116.6

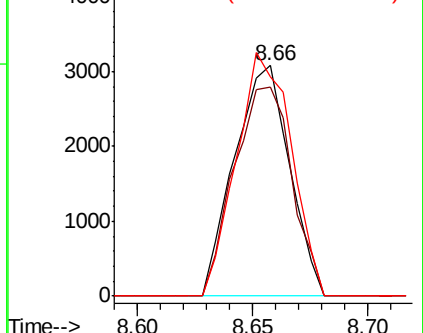
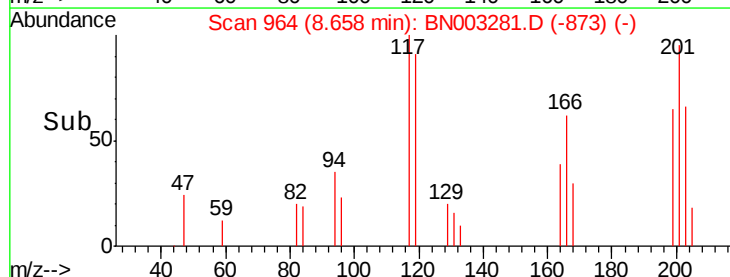
201 95.3 81.4 122.2

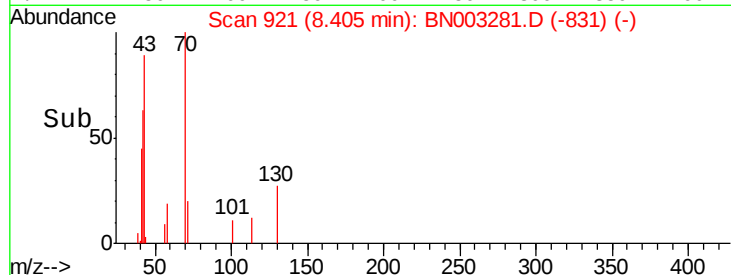
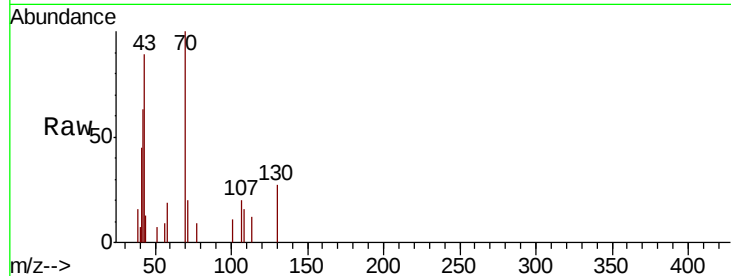
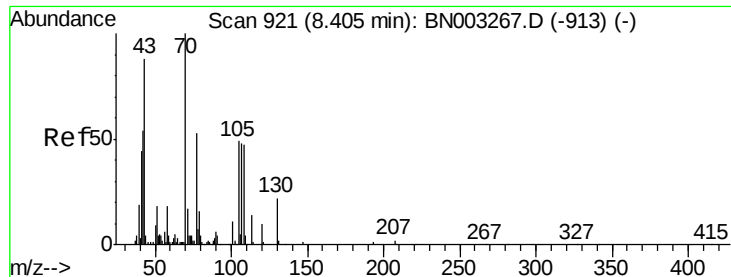


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

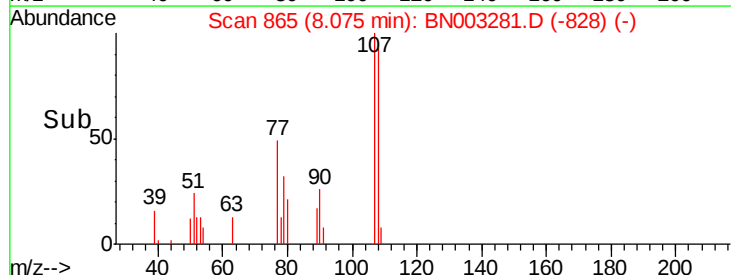
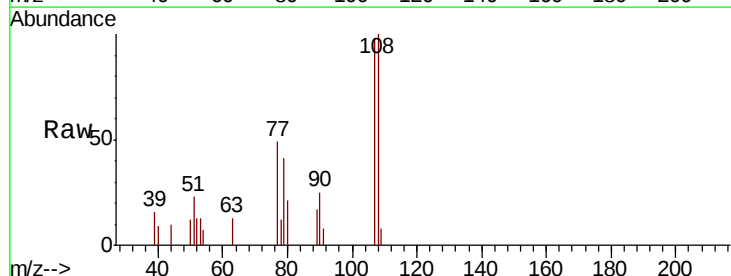
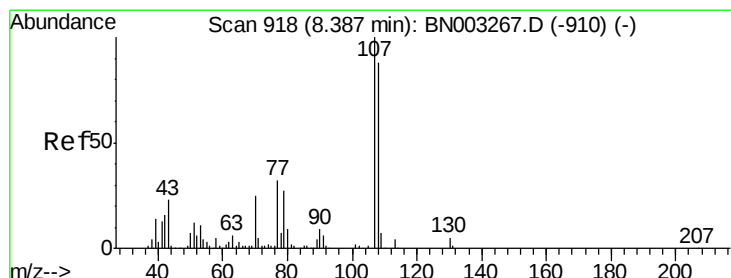
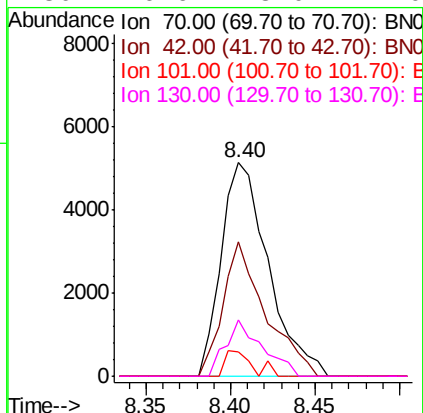




#19
n-Nitroso-di-n-propylamine
Concen: 1.765 ng
RT: 8.40 min Scan# 921
Delta R.T. 0.00 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

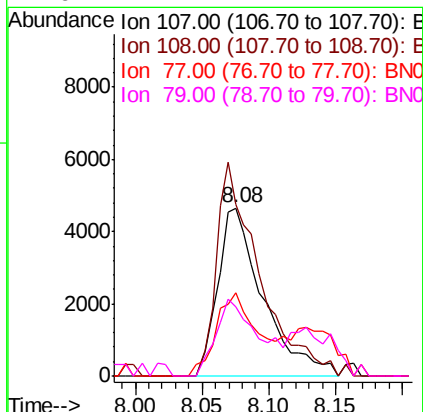
Instrument :
BNA_N
ClientSampleId :

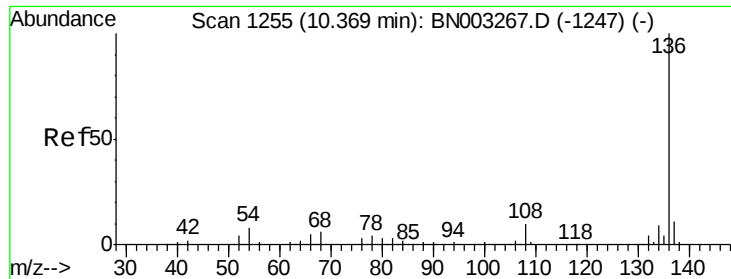
Tot Ion:	70	Resp:	9951
Ion	Ratio	Lower	Upper
70	100		
42	62.9	43.5	65.3
101	11.3	8.6	12.8
130	26.6	18.0	27.0



#20
3+4-Methylphenols
Concen: 1.374 ng
RT: 8.08 min Scan# 865
Delta R.T. -0.31 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion:	107	Resp:	11004
Ion	Ratio	Lower	Upper
107	100		
108	101.7	67.8	107.8
77	49.4	12.1	52.1
79	41.2	7.2	47.2

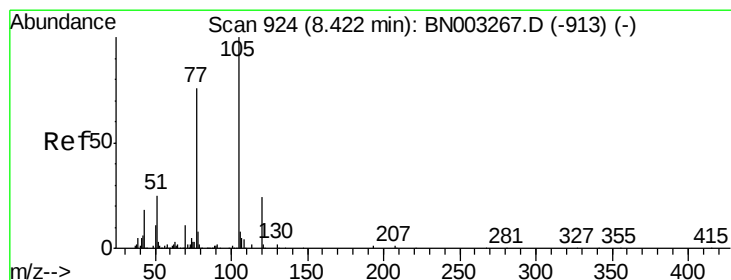
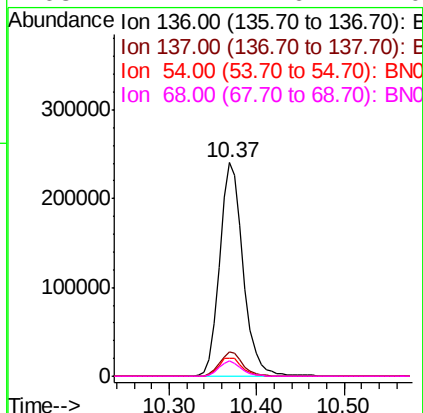
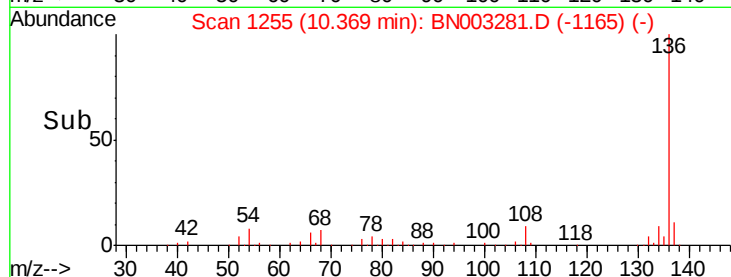
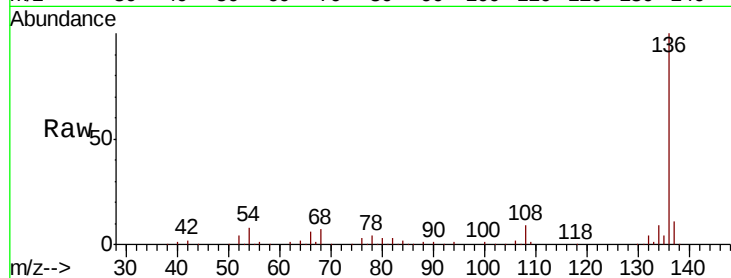




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.37 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

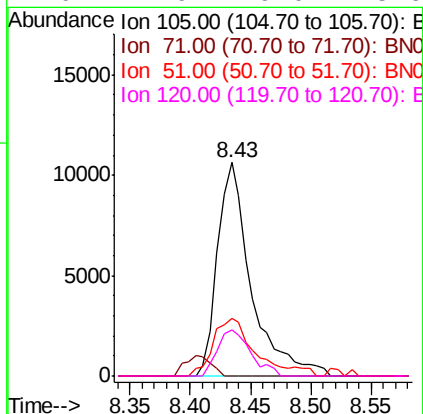
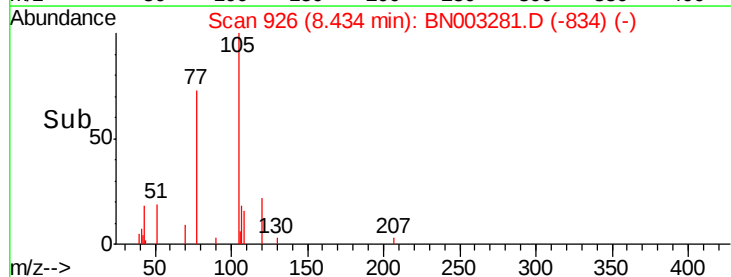
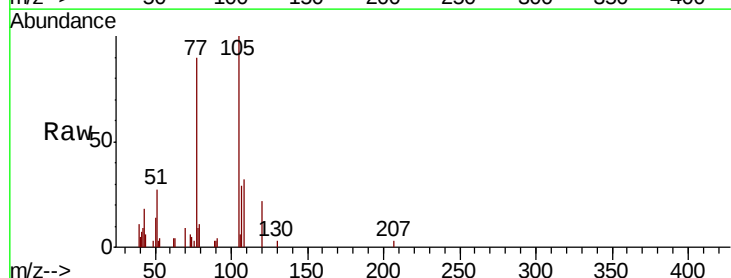
Instrument :
BNA_N
ClientSampleId :

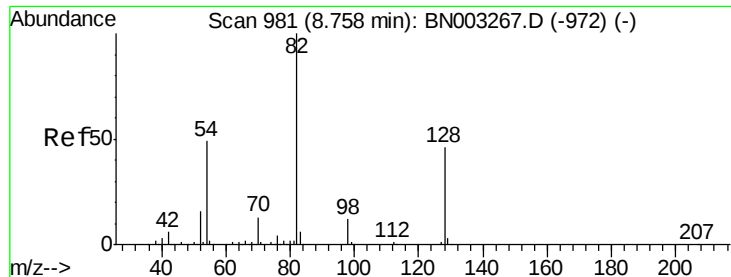
Tot Ion:136	Resp:	445215
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	8.5	6.6 10.0
68	7.1	4.6 7.0#



#22
Acetophenone
Concen: 1.903 ng
RT: 8.43 min Scan# 926
Delta R.T. 0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion:105	Resp:	20533
Ion Ratio	Lower	Upper
105	100	
71	0.0	1.3 1.9#
51	27.1	20.5 30.7
120	21.9	19.0 28.6





#23

Nitrobenzene-d5

Concen: 81.833 ng

RT: 8.76 min Scan# 981

Delta R.T. 0.00 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampleId :

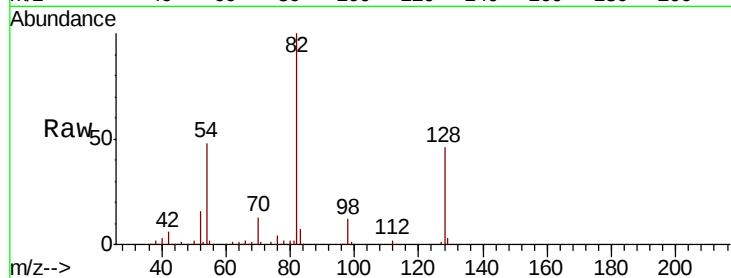
Tot Ion: 82 Resp: 635291

Ion Ratio Lower Upper

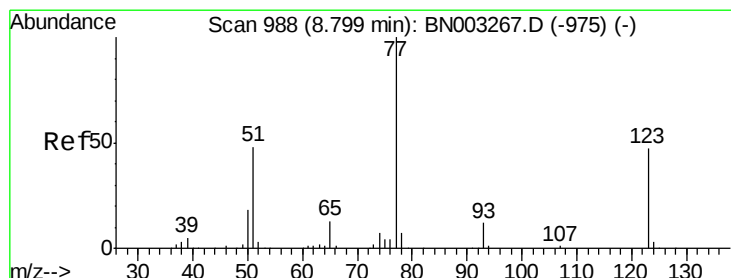
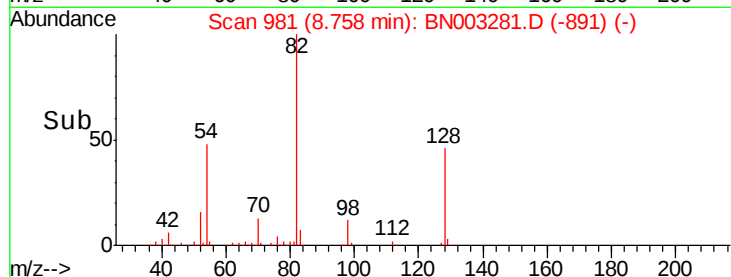
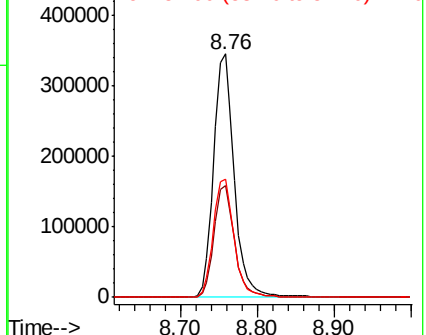
82 100

128 46.0 37.1 55.7

54 48.5 39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0



#24

Nitrobenzene

Concen: 2.267 ng

RT: 8.80 min Scan# 988

Delta R.T. 0.00 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

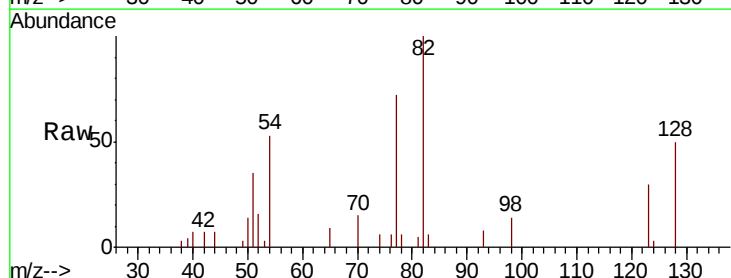
Tgt Ion: 77 Resp: 17957

Ion Ratio Lower Upper

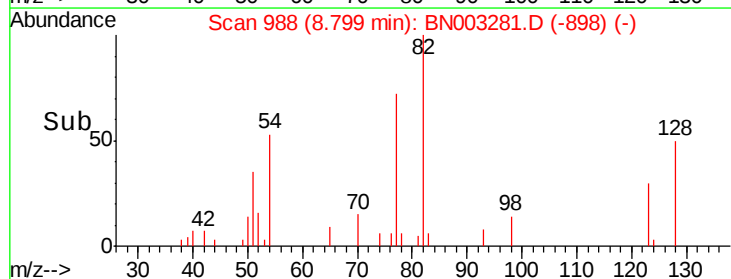
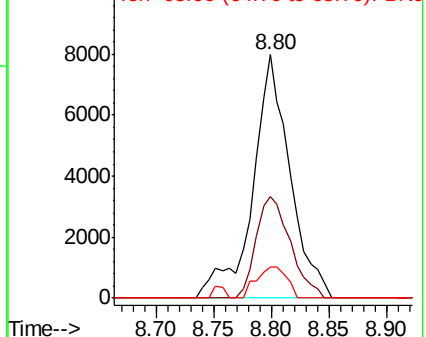
77 100

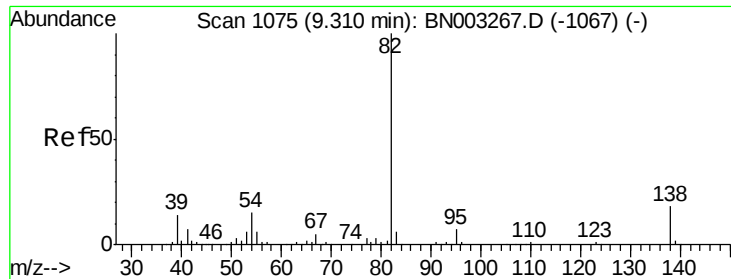
123 41.6 37.8 56.6

65 12.9 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 2.090 ng

RT: 9.32 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampleId :

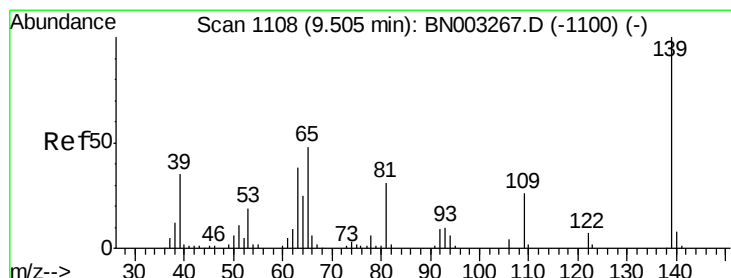
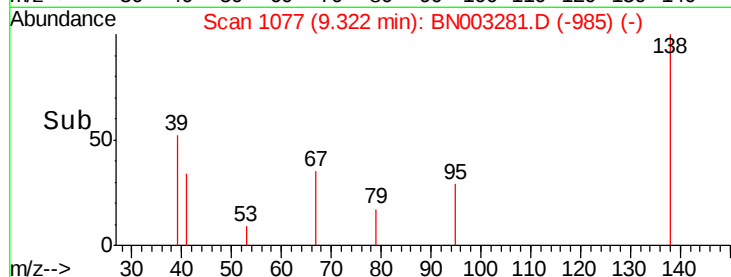
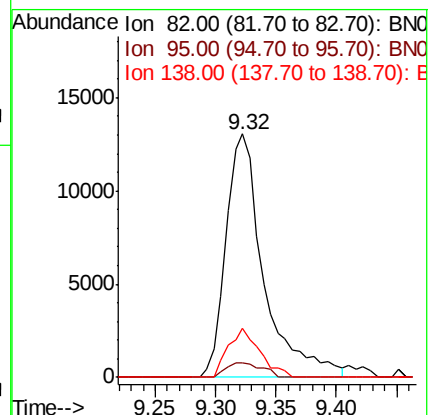
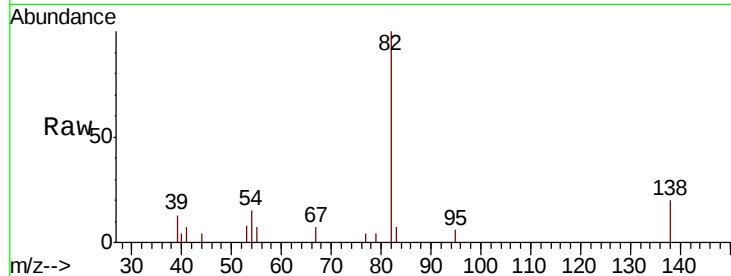
Tot Ion: 82 Resp: 28456

Ion Ratio Lower Upper

82 100

95 5.7 5.4 8.0

138 20.1 14.5 21.7



#26

2-Nitrophenol

Concen: 1.240 ng

RT: 9.53 min Scan# 1113

Delta R.T. 0.03 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

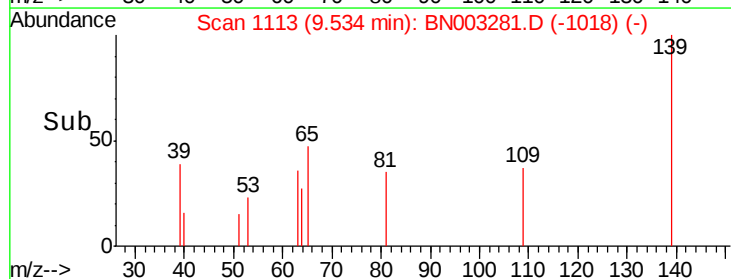
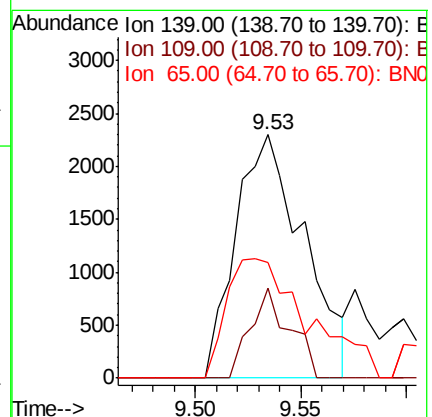
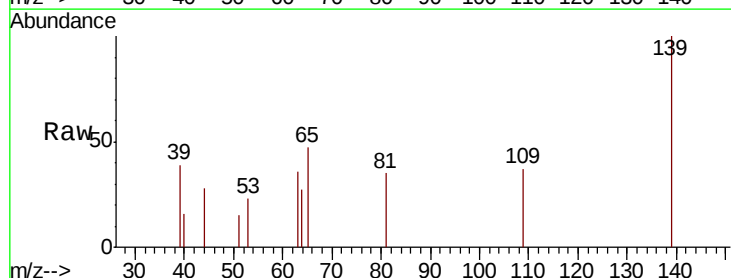
Tgt Ion: 139 Resp: 5170

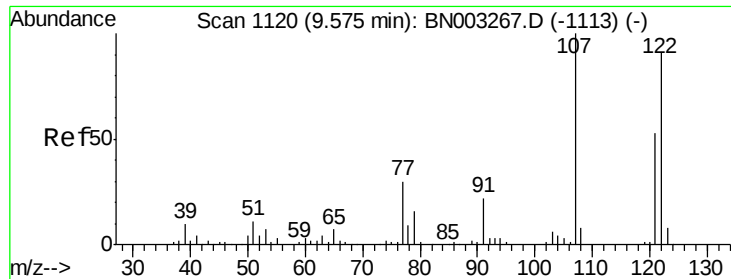
Ion Ratio Lower Upper

139 100

109 37.2 20.5 30.7#

65 47.4 38.4 57.6

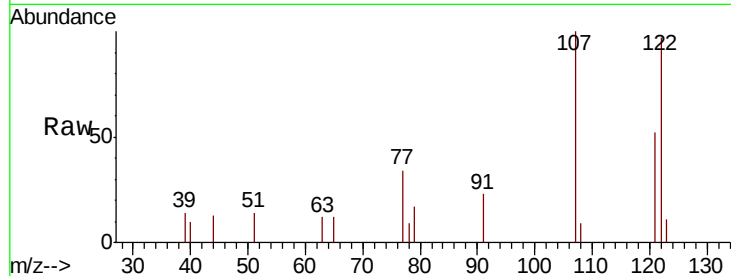




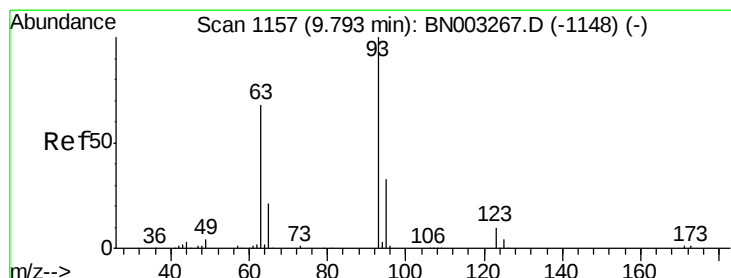
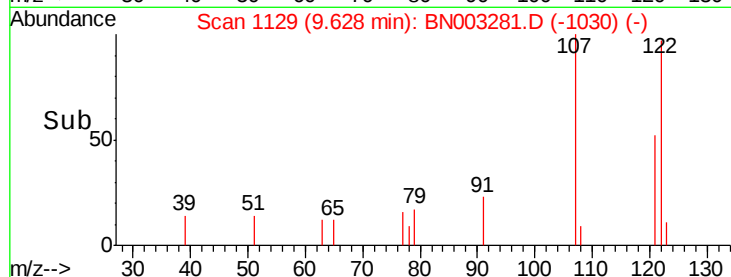
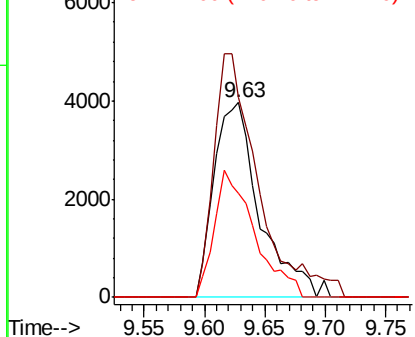
#27
 2,4-Dimethylphenol
 Concen: 1.777 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. 0.05 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:122 Resp: 10416
 Ion Ratio Lower Upper
 122 100
 107 102.9 87.8 131.6
 121 53.2 46.9 70.3

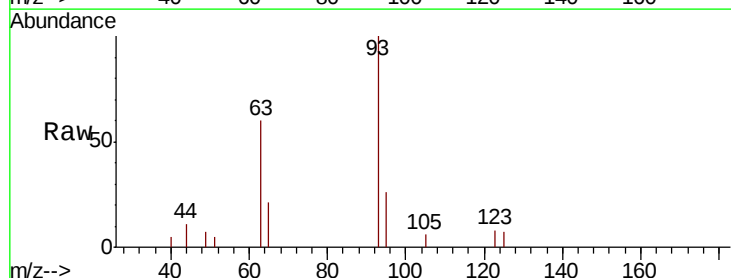


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

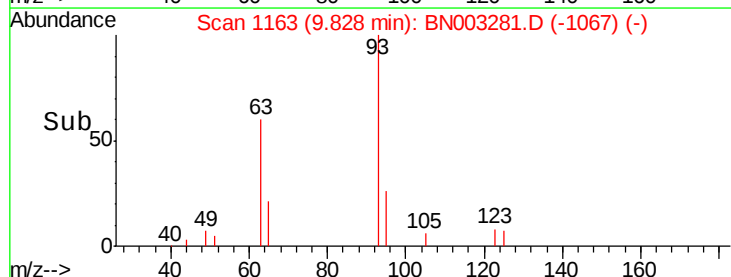
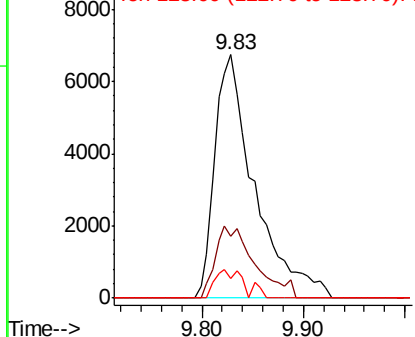


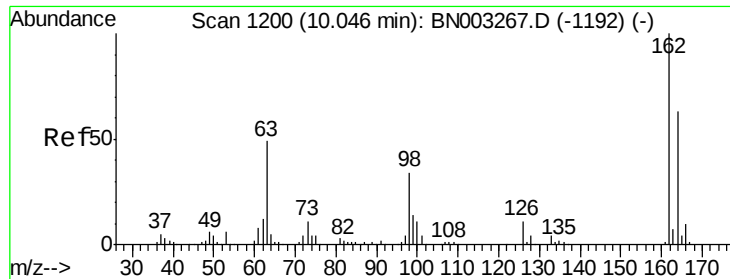
#28
 bis(2-Chloroethoxy)methane
 Concen: 2.007 ng
 RT: 9.83 min Scan# 1163
 Delta R.T. 0.04 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Tgt Ion: 93 Resp: 18414
 Ion Ratio Lower Upper
 93 100
 95 25.6 26.2 39.4#
 123 8.2 9.1 13.7#



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

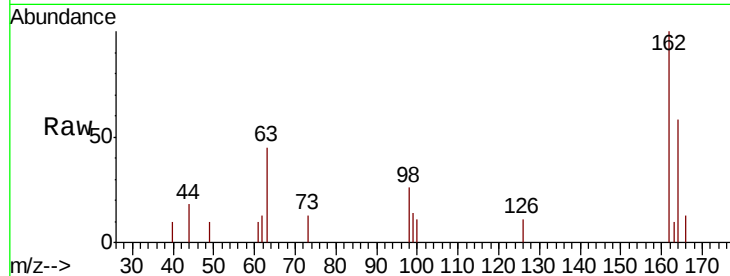




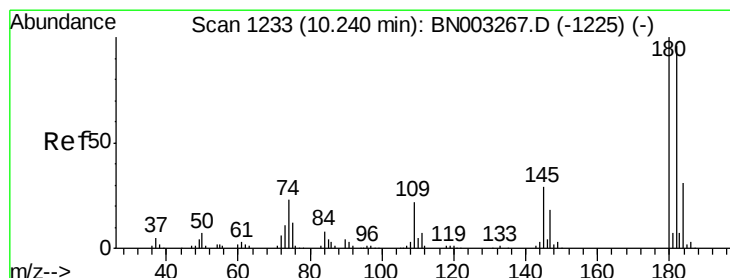
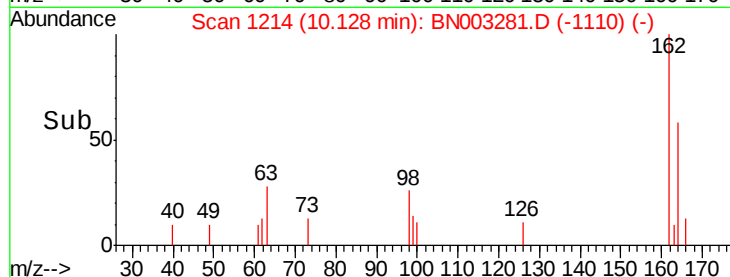
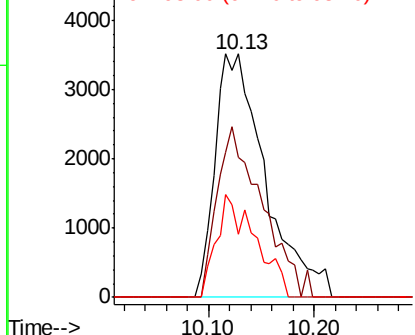
#29
 2,4-Dichlorophenol
 Concen: 1.741 ng
 RT: 10.13 min Scan# 1214
 Delta R.T. 0.08 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:162 Resp: 11647
 Ion Ratio Lower Upper
 162 100
 164 57.6 42.5 82.5
 98 26.1 14.0 54.0

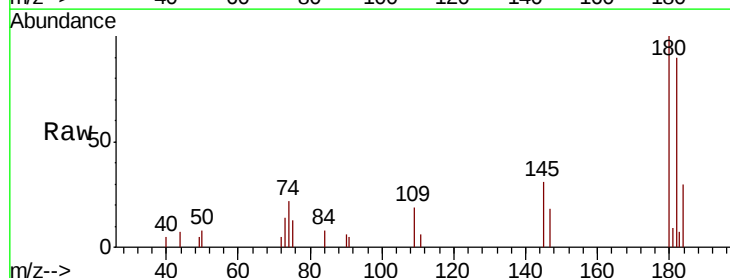


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNO

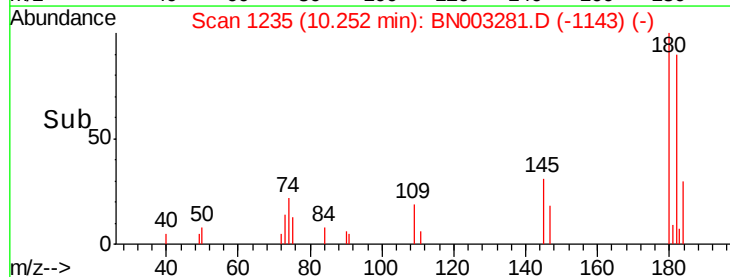
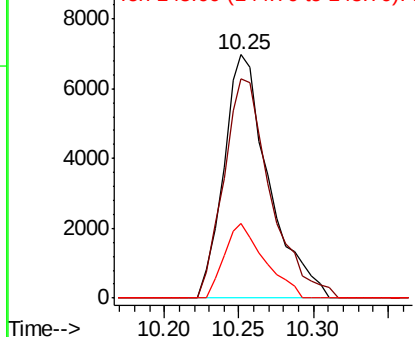


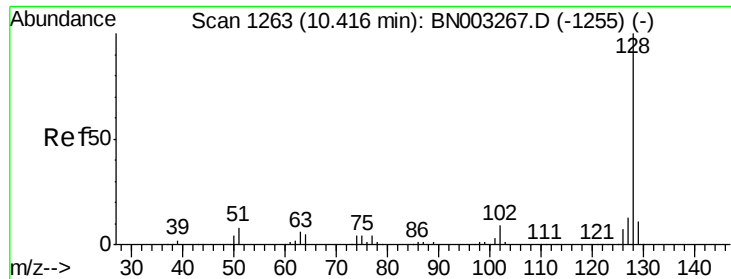
#30
 1,2,4-Trichlorobenzene
 Concen: 1.928 ng
 RT: 10.25 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Tgt Ion:180 Resp: 14661
 Ion Ratio Lower Upper
 180 100
 182 90.1 76.4 114.6
 145 30.8 23.6 35.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

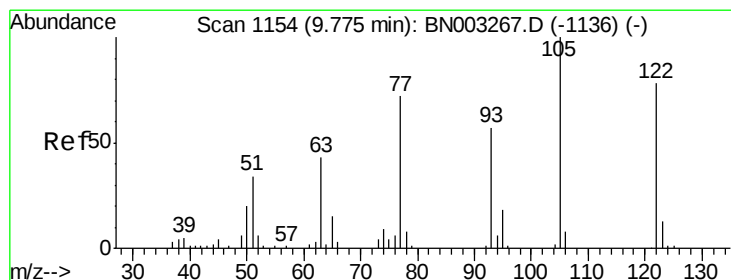
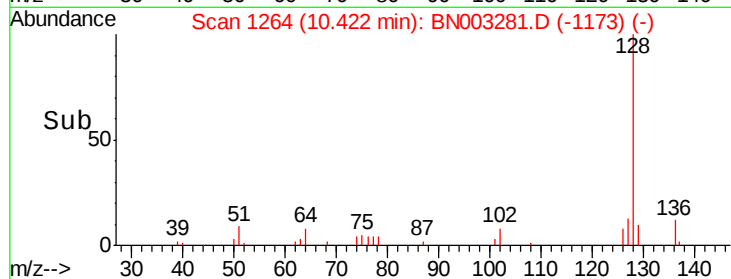
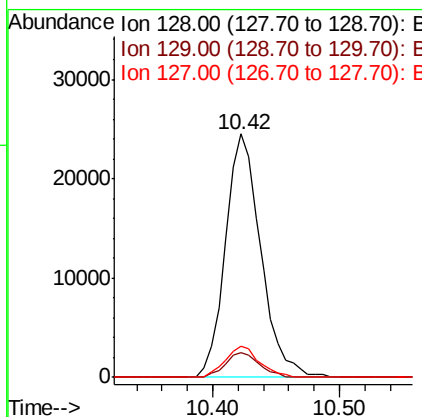
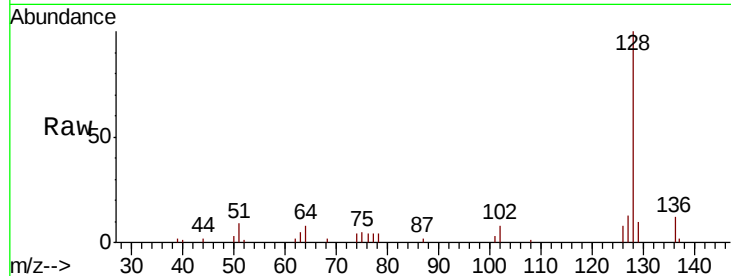




#31
Naphthalene
Concen: 2.169 ng
RT: 10.42 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

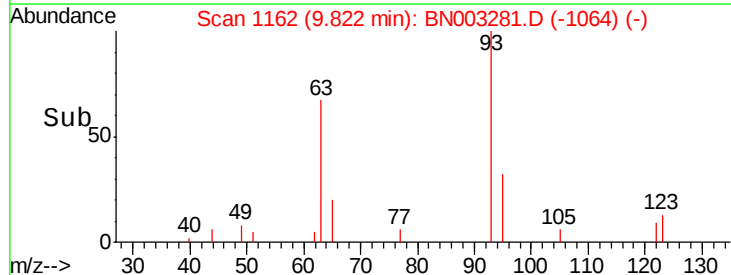
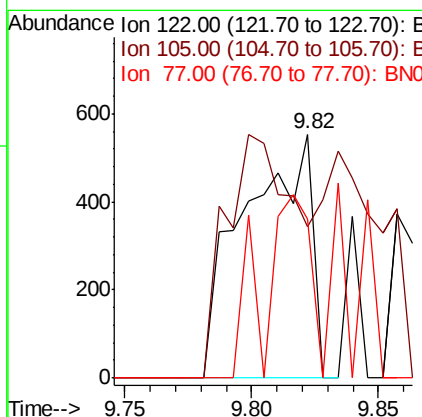
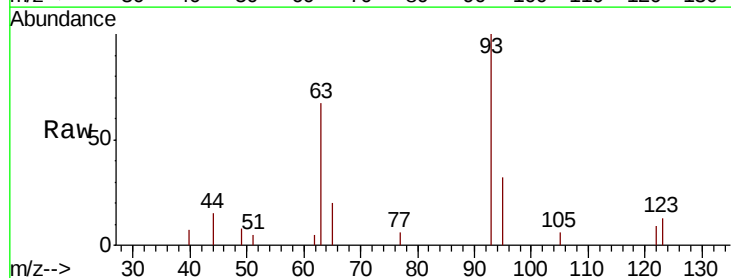
Instrument :
BNA_N
ClientSampleId :

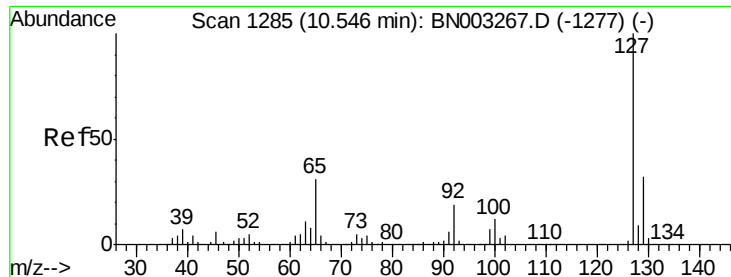
Tot Ion:128 Resp: 47194
Ion Ratio Lower Upper
128 100
129 10.0 9.0 13.6
127 12.5 10.4 15.6



#32
Benzoic acid
Concen: 5.189 ng
RT: 9.82 min Scan# 1162
Delta R.T. 0.05 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion:122 Resp: 1024
Ion Ratio Lower Upper
122 100
105 62.0 106.8 146.8#
77 65.1 71.9 111.9#

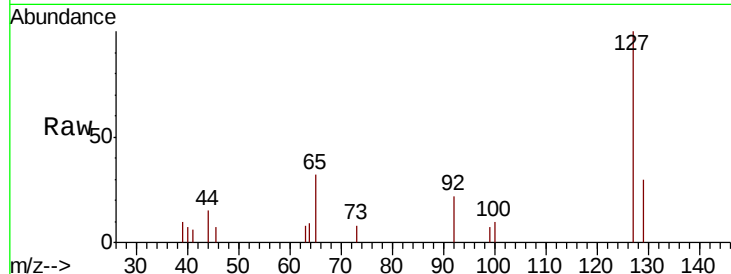




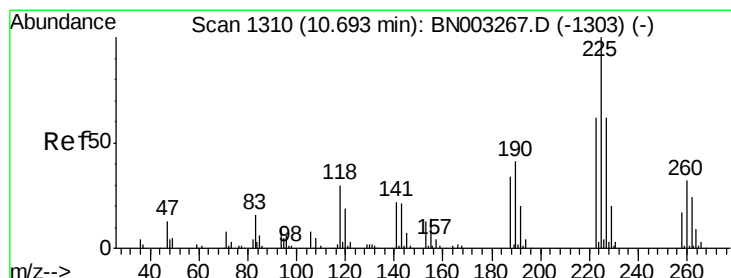
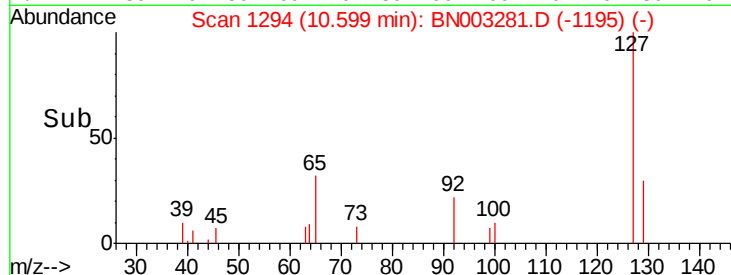
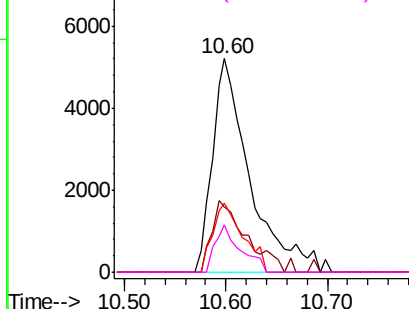
#33
4-Chloroaniline
Concen: 1.389 ng
RT: 10.60 min Scan# 1294
Delta R.T. 0.05 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127 Resp: 13351
Ion Ratio Lower Upper
127 100
129 30.4 25.8 38.6
65 32.2 24.6 36.8
92 21.9 15.3 22.9

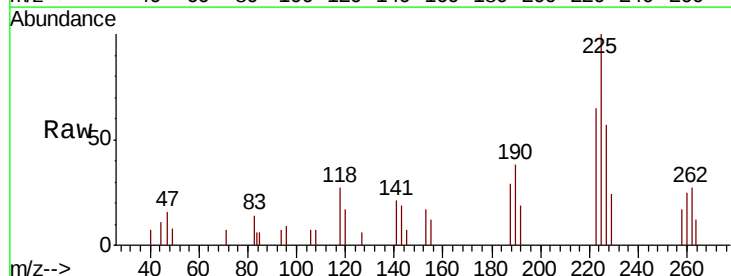


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

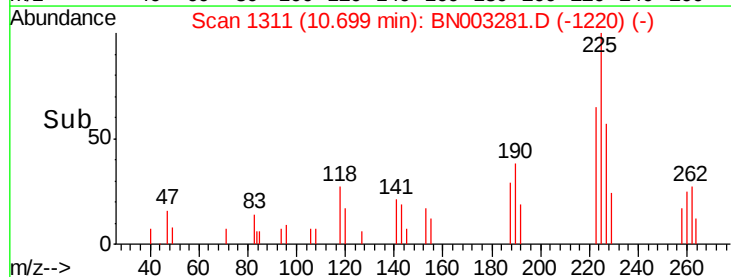
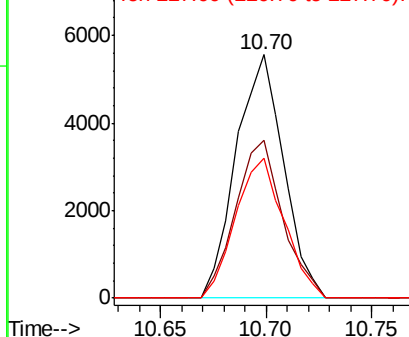


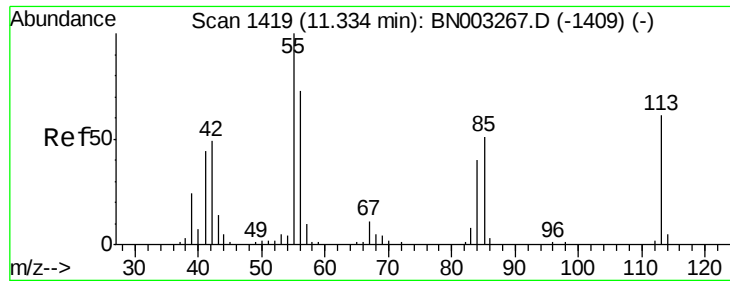
#34
Hexachlorobutadiene
Concen: 1.911 ng
RT: 10.70 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion:225 Resp: 8674
Ion Ratio Lower Upper
225 100
223 64.7 49.8 74.8
227 57.3 49.6 74.4



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

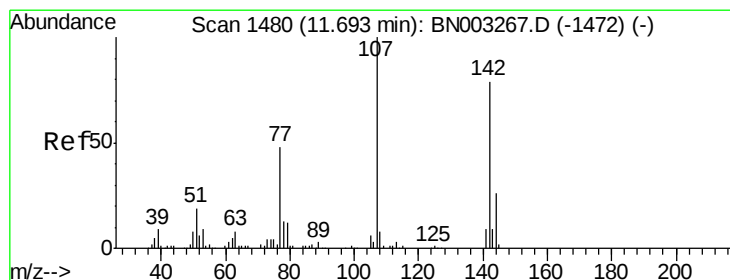
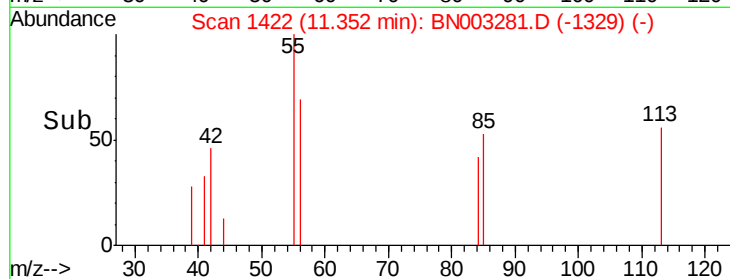
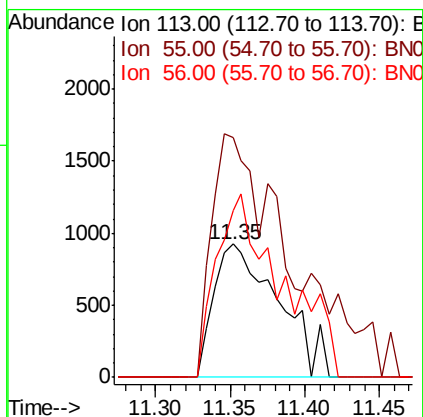
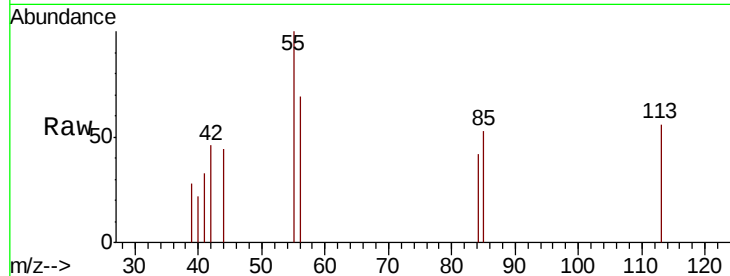




#35
 Caprolactam
 Concen: 1.068 ng
 RT: 11.35 min Scan# 1422
 Delta R.T. 0.02 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

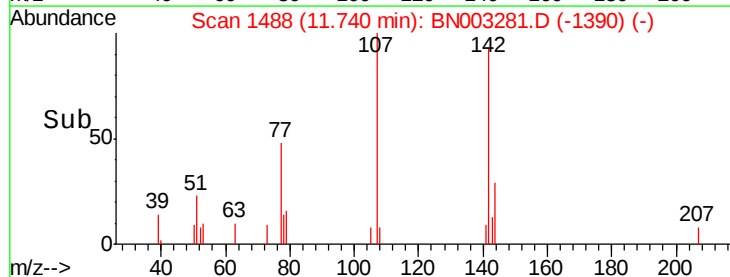
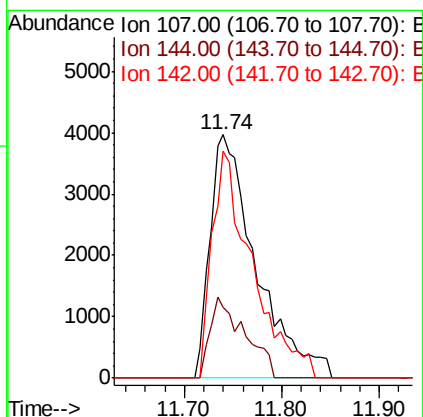
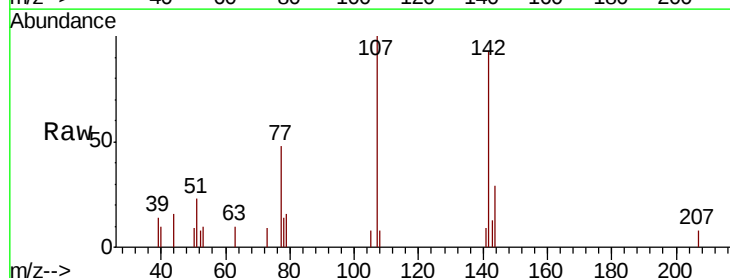
Instrument :
 BNA_N
 ClientSampled :

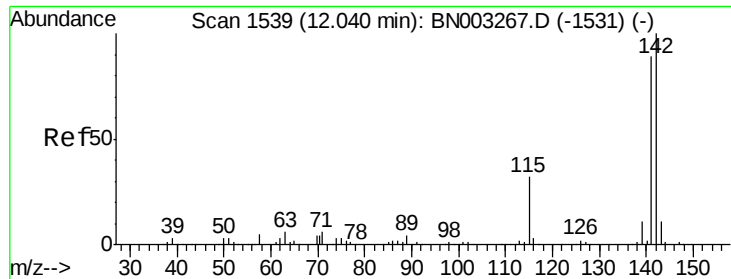
Tot Ion:113 Resp: 2798
 Ion Ratio Lower Upper
 113 100
 55 180.0 144.2 184.2
 56 125.1 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 1.743 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. 0.05 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Tgt Ion:107 Resp: 13005
 Ion Ratio Lower Upper
 107 100
 144 29.2 20.8 31.2
 142 93.3 63.5 95.3

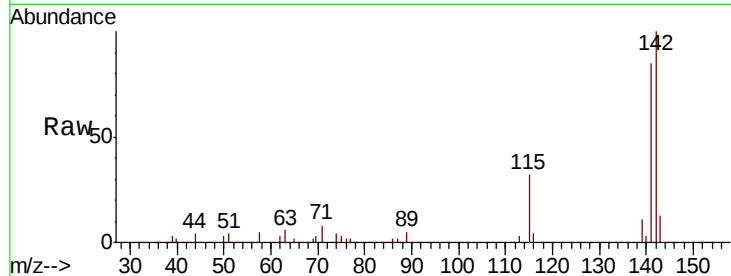




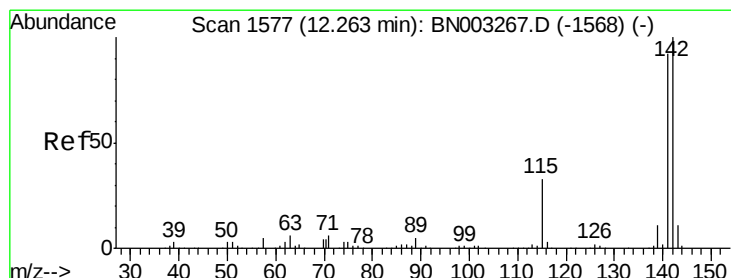
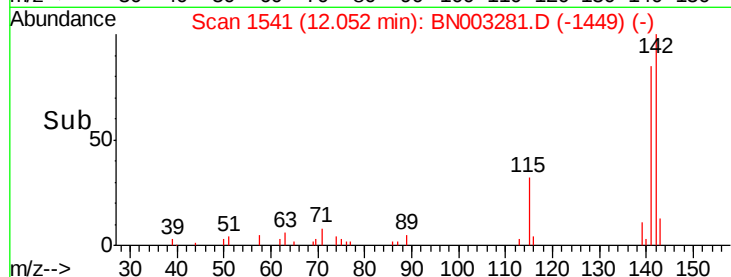
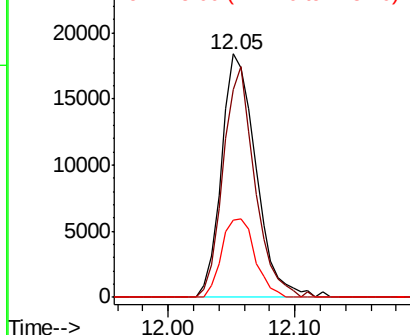
#37
 2-Methylnaphthalene
 Concen: 2.236 ng
 RT: 12.05 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:142 Resp: 34762
 Ion Ratio Lower Upper
 142 100
 141 85.5 71.6 107.4
 115 31.9 25.5 38.3

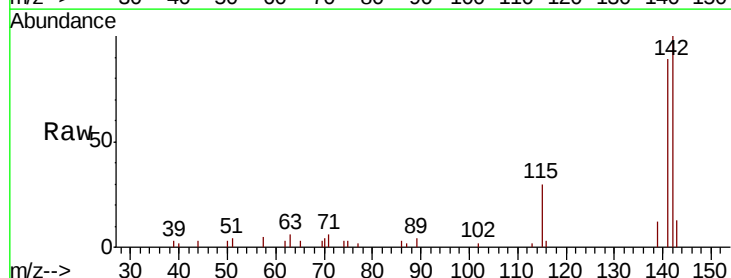


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

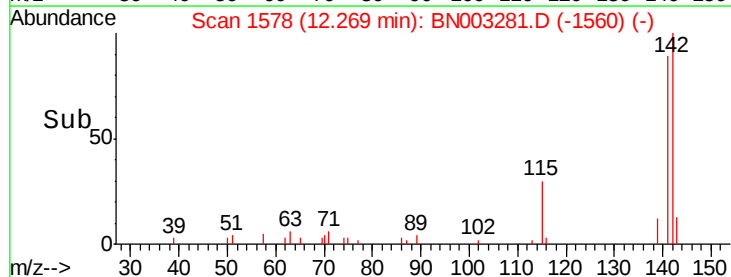
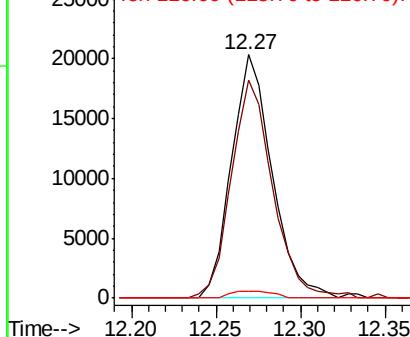


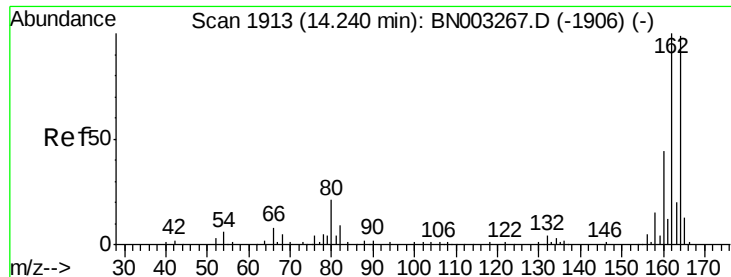
#38
 1-Methylnaphthalene
 Concen: 2.243 ng
 RT: 12.27 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Tgt Ion:142 Resp: 34056
 Ion Ratio Lower Upper
 142 100
 141 89.3 73.6 110.4
 116 3.0 2.8 4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.24 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampled :

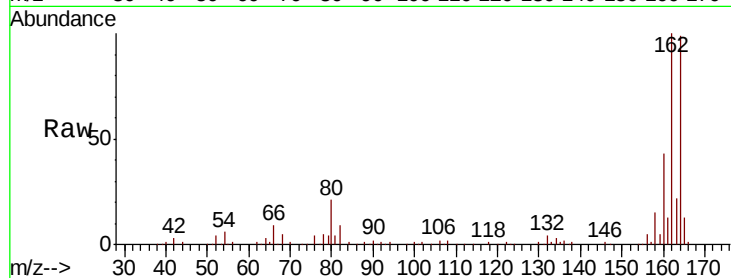
Tot Ion:164 Resp: 287203

Ion Ratio Lower Upper

164 100

162 101.1 80.8 121.2

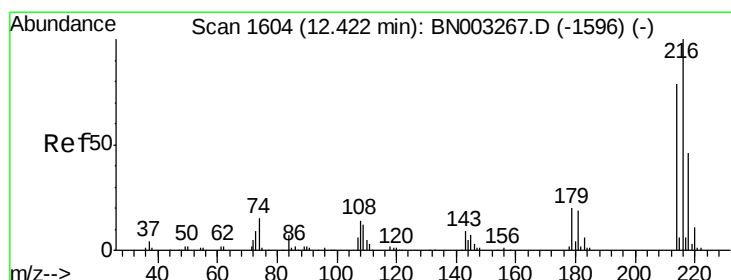
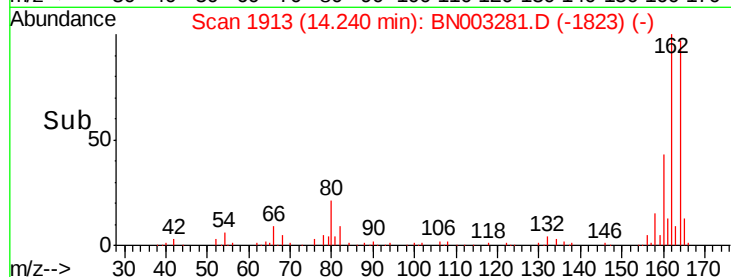
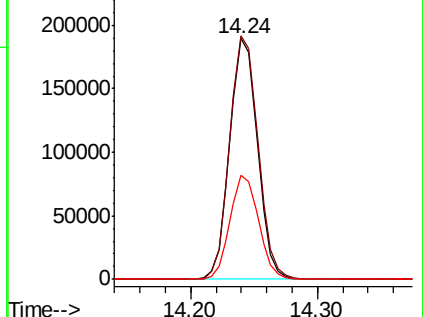
160 43.3 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 1.779 ng

RT: 12.43 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Tgt Ion:216 Resp: 16901

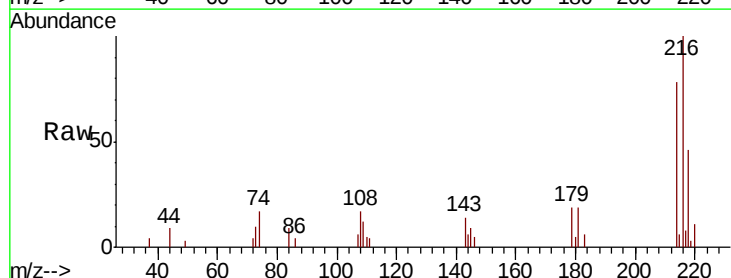
Ion Ratio Lower Upper

216 100

214 77.6 62.8 94.2

179 19.5 16.0 24.0

108 14.4 12.9 19.3

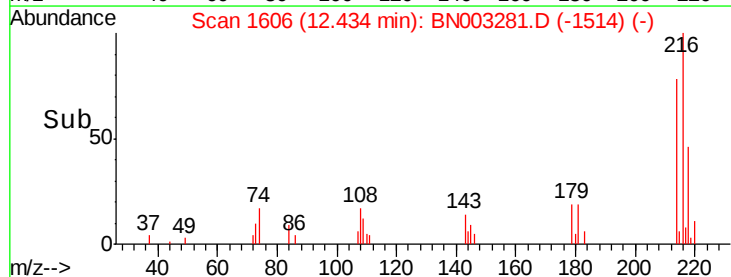
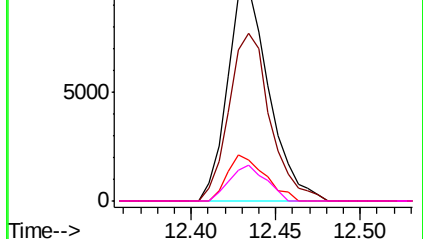


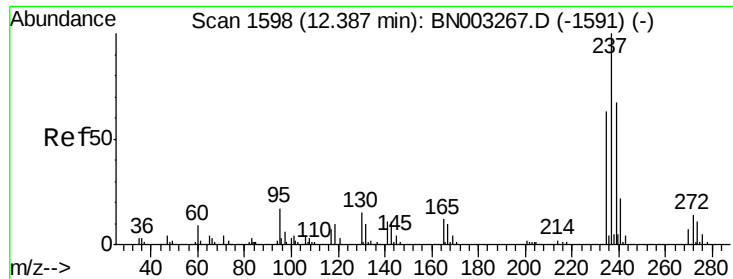
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 9.105 ng

RT: 12.39 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampled :

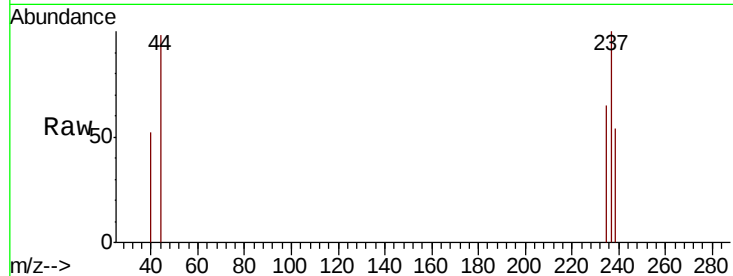
Tot Ion:237 Resp: 817

Ion Ratio Lower Upper

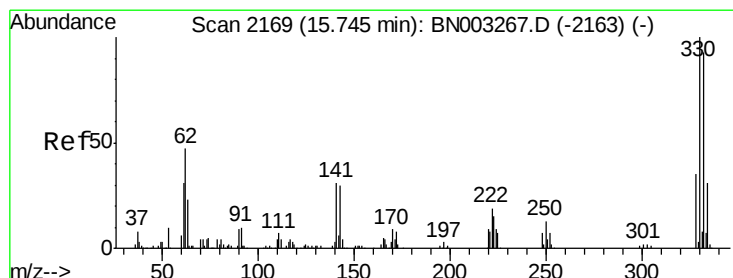
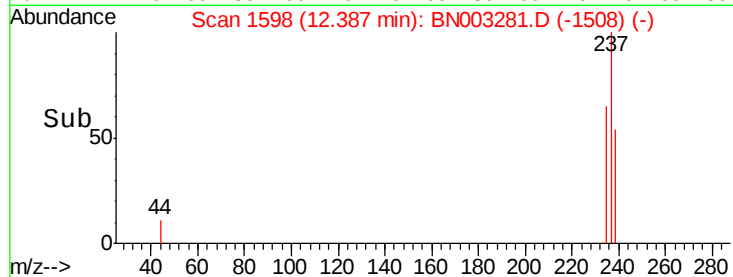
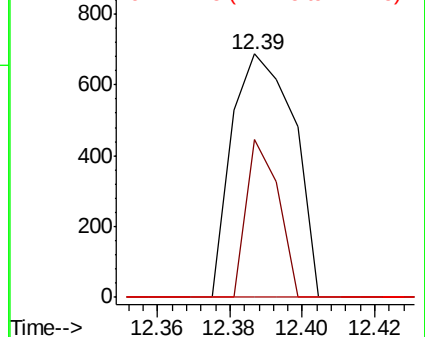
237 100

235 64.5 42.8 82.8

272 0.0 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 138.839 ng

RT: 15.75 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

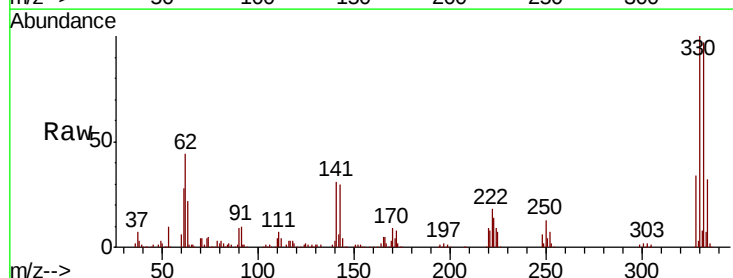
Tgt Ion:330 Resp: 536930

Ion Ratio Lower Upper

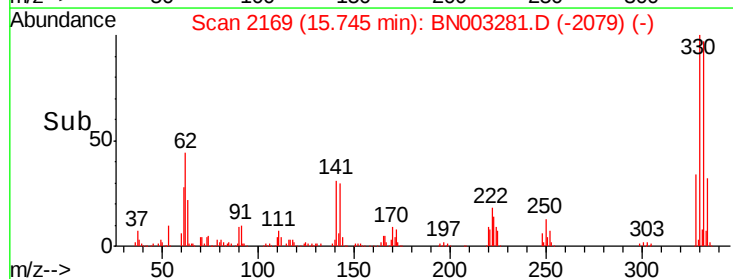
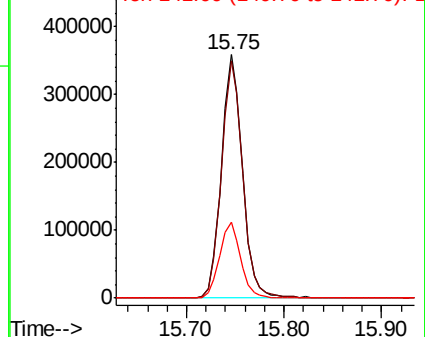
330 100

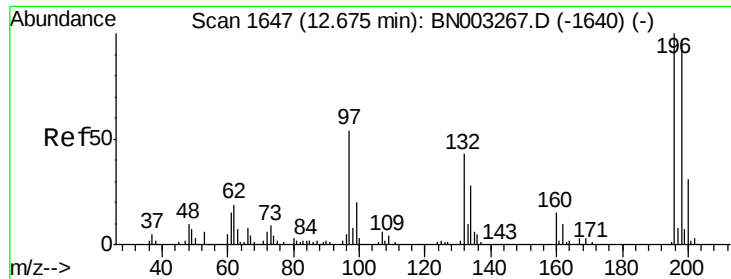
332 98.4 76.6 114.8

141 31.2 24.5 36.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

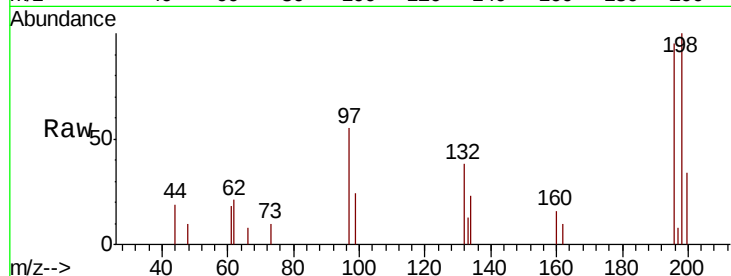




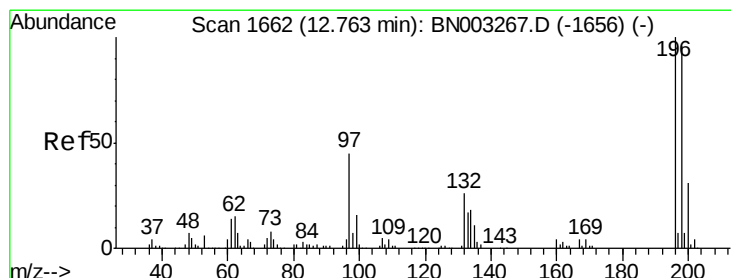
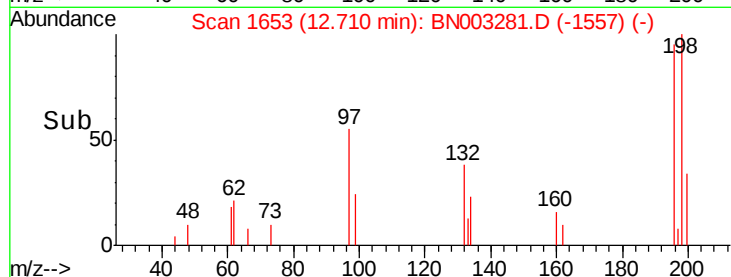
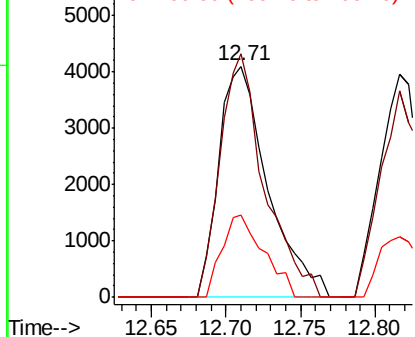
#43
 2,4,6-Trichlorophenol
 Concen: 1.565 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. 0.04 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:196 Resp: 9392
 Ion Ratio Lower Upper
 196 100
 198 105.4 77.4 116.0
 200 35.8 25.0 37.6

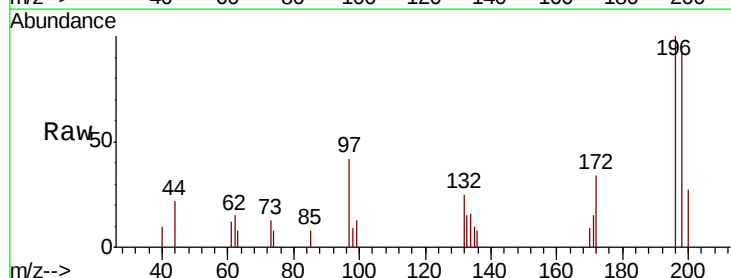


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

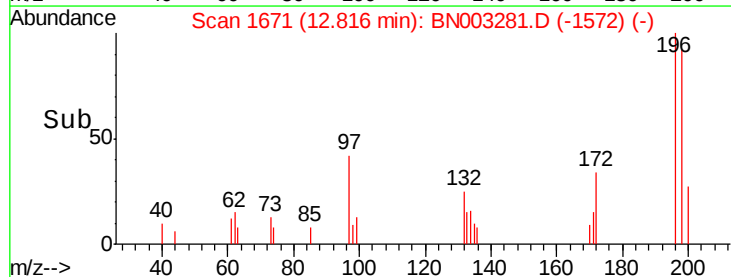
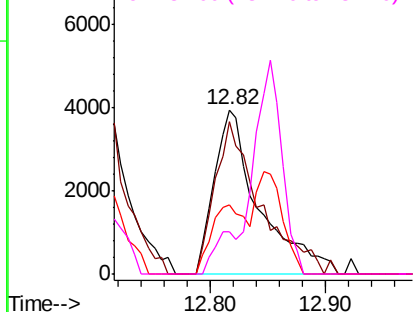


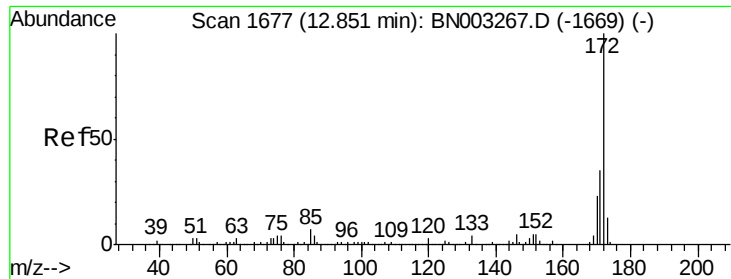
#44
 2,4,5-Trichlorophenol
 Concen: 1.710 ng
 RT: 12.82 min Scan# 1671
 Delta R.T. 0.05 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Tgt Ion:196 Resp: 10705
 Ion Ratio Lower Upper
 196 100
 198 92.4 76.8 115.2
 97 42.0 35.8 53.8
 132 25.5 21.3 31.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

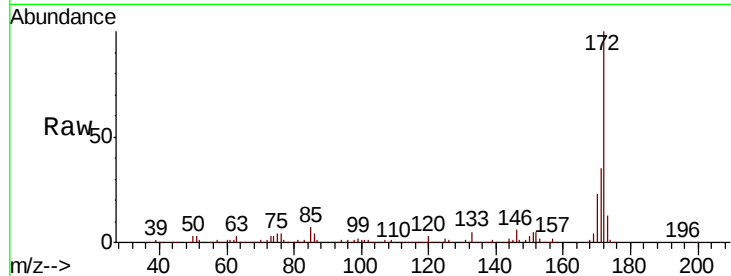




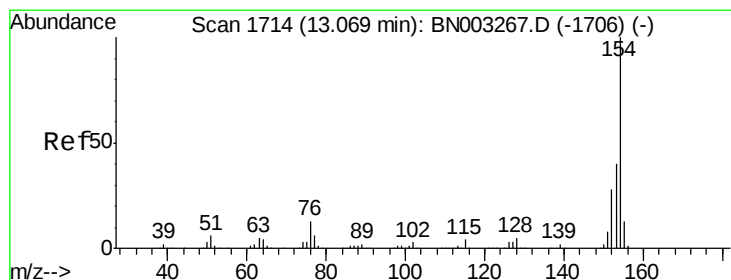
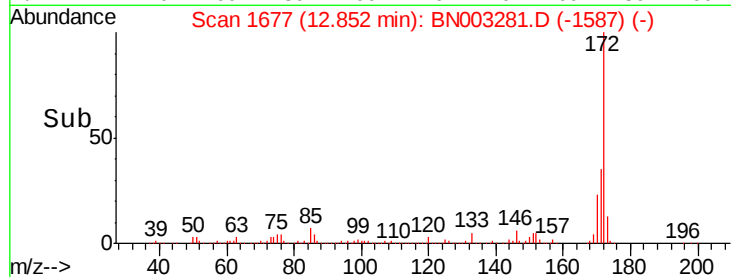
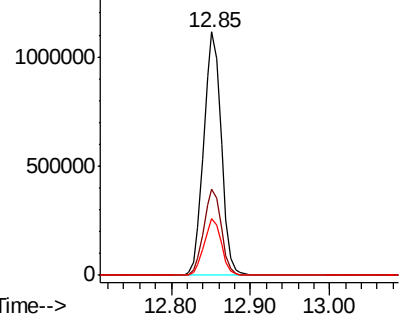
#45
2-Fluorobiphenyl
Concen: 80.741 ng
RT: 12.85 min Scan# 1677
Delta R.T. 0.00 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 1709565
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.2 18.4 27.6

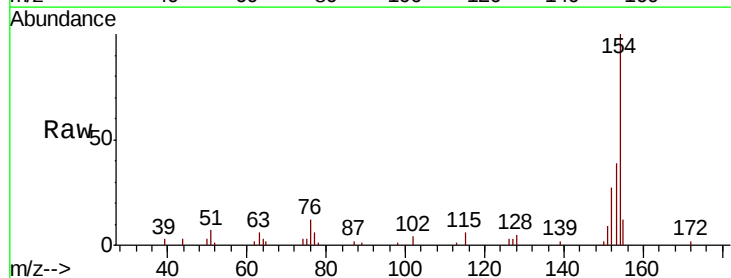


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

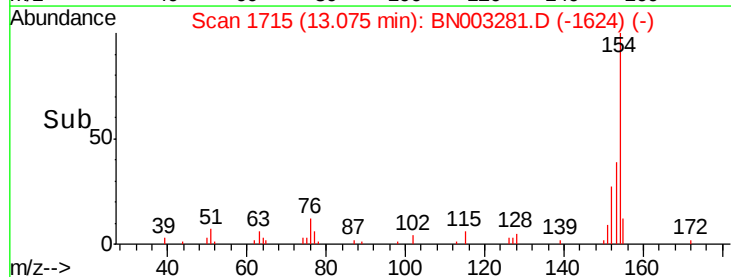
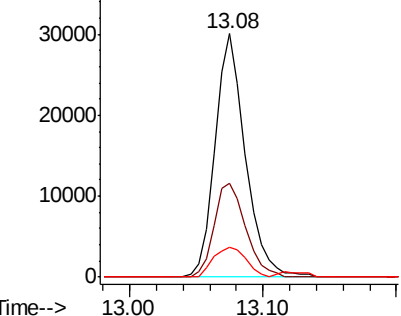


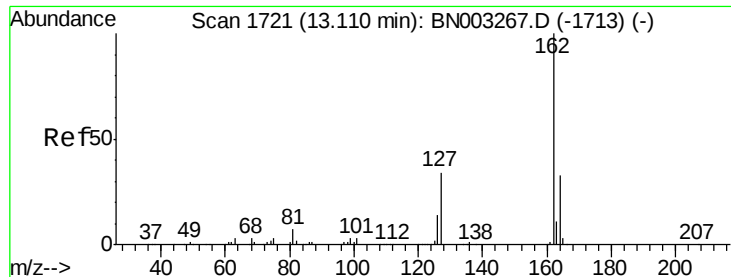
#46
1,1'-Biphenyl
Concen: 1.889 ng
RT: 13.08 min Scan# 1715
Delta R.T. 0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion:154 Resp: 47628
Ion Ratio Lower Upper
154 100
153 38.8 20.5 60.5
76 12.1 0.0 33.3



Abundance Ion 154.00 (153.70 to 154.70): E
40000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNO

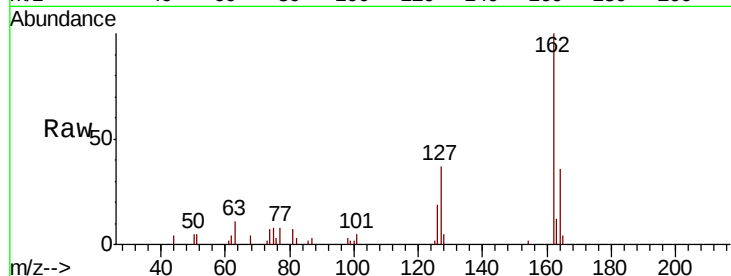




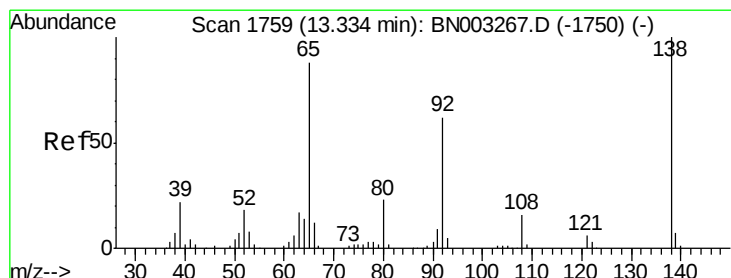
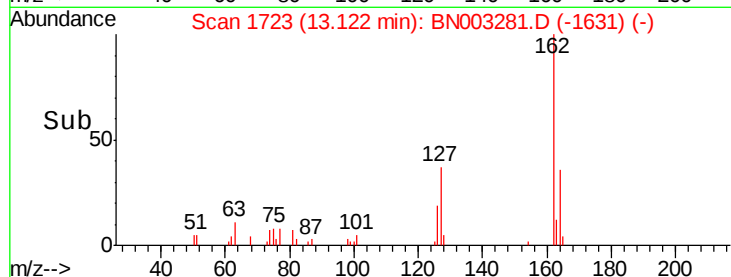
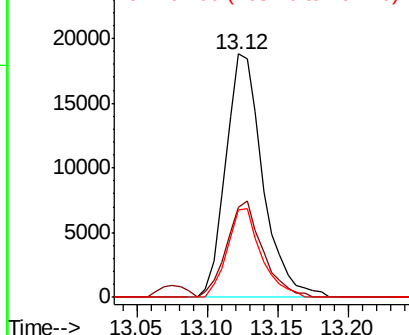
#47
2-Chloronaphthalene
Concen: 1.848 ng
RT: 13.12 min Scan# 1723
Delta R.T. 0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Instrument :
BNA_N
ClientSampled :

Tot Ion	162	Resp	34354
Ion Ratio	100	Lower	Upper
127	36.9	29.8	44.6
164	36.0	26.3	39.5

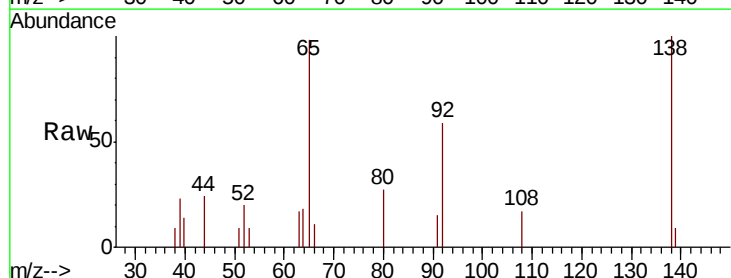


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

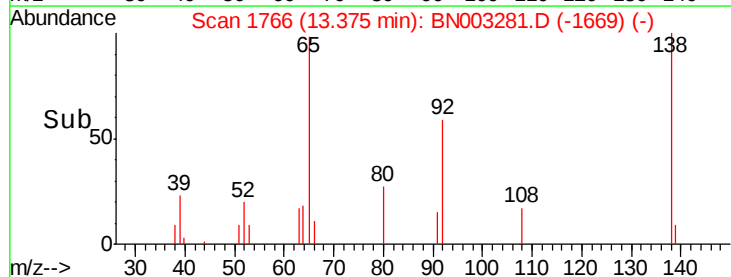
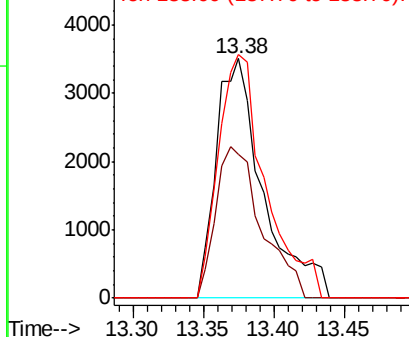


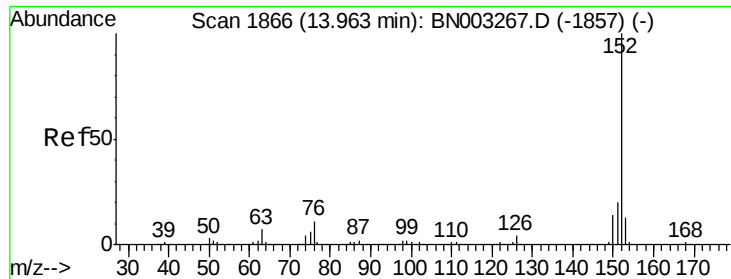
#48
2-Nitroaniline
Concen: 1.484 ng
RT: 13.38 min Scan# 1766
Delta R.T. 0.04 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion	65	Resp	8110
Ion Ratio	100	Lower	Upper
92	60.2	56.1	84.1
138	101.8	90.6	136.0



Abundance Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 2.049 ng

RT: 13.97 min Scan# 1867

Delta R.T. 0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampleId :

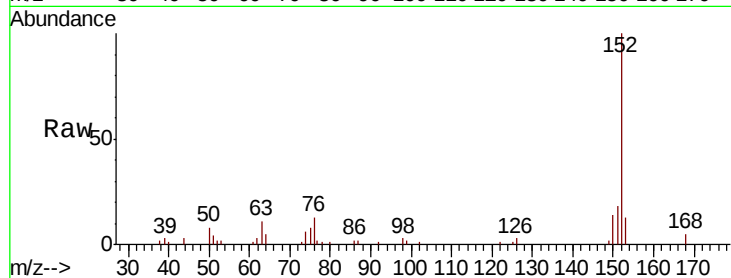
Tot Ion:152 Resp: 58308

Ion Ratio Lower Upper

152 100

151 18.1 15.8 23.6

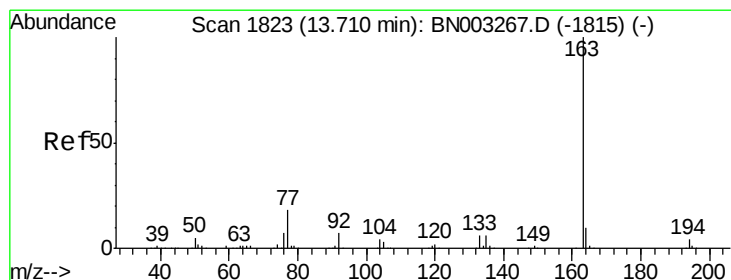
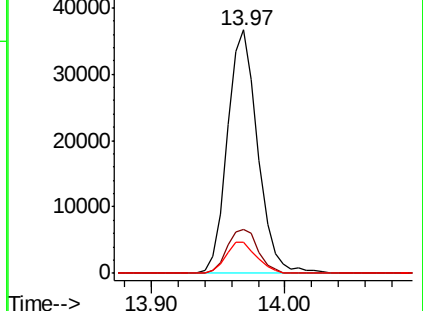
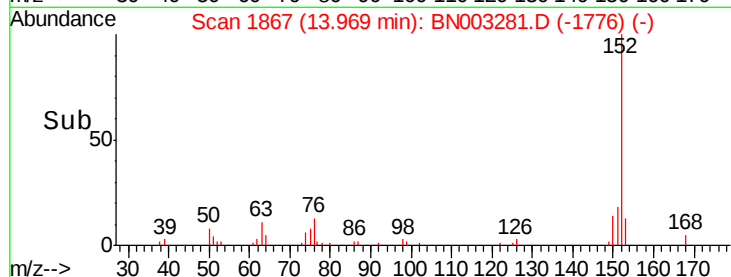
153 12.6 10.3 15.5



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

Dimethylphthalate

Concen: 2.026 ng

RT: 13.72 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

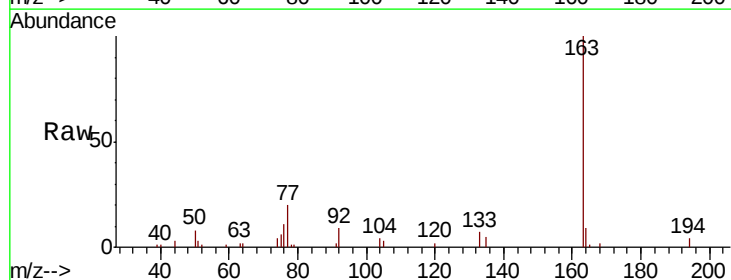
Tgt Ion:163 Resp: 47047

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

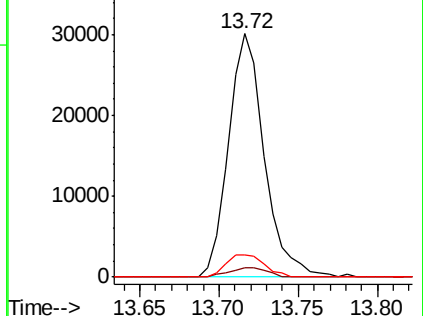
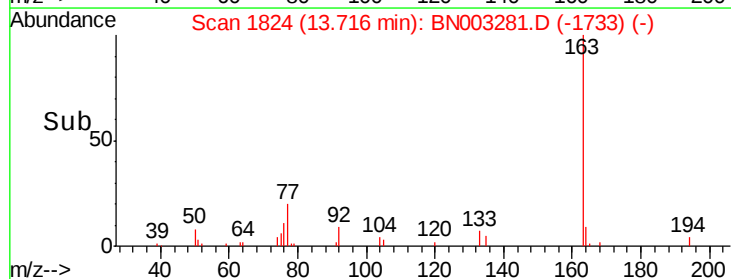
164 9.4 7.9 11.9

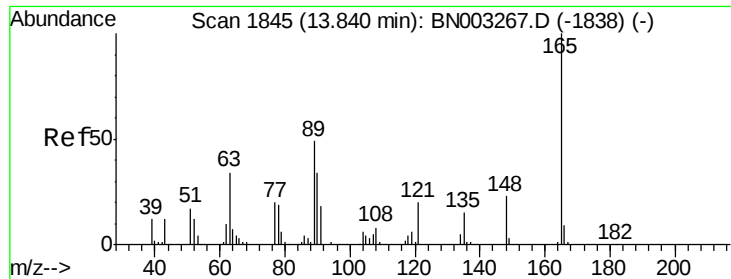


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

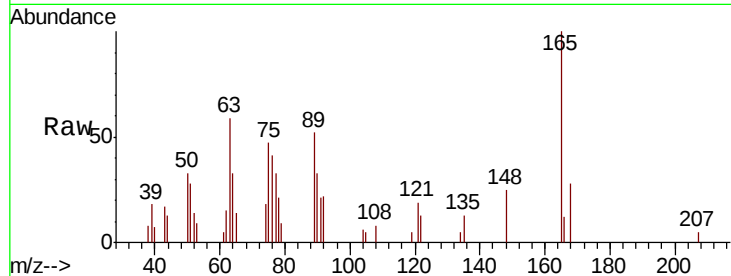




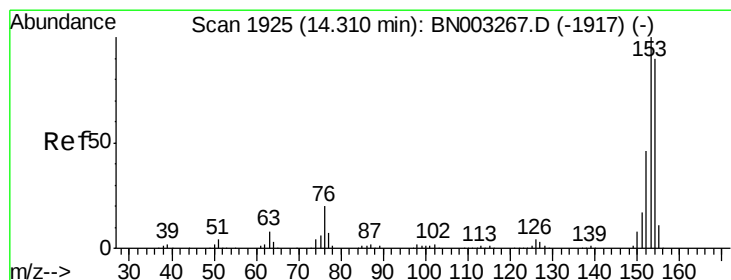
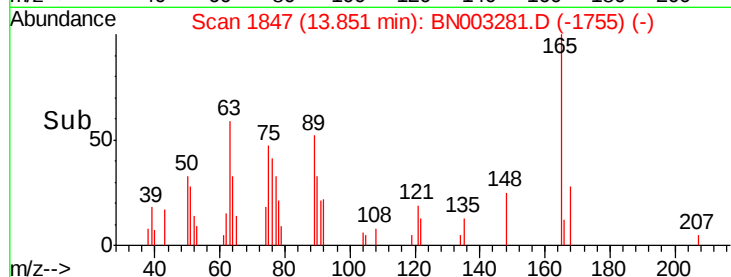
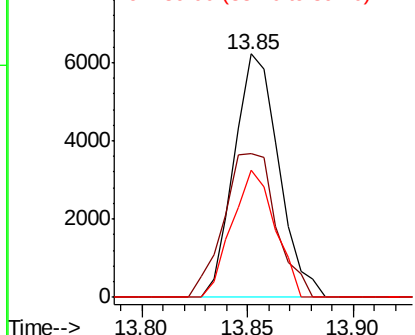
#51
 2,6-Dinitrotoluene
 Concen: 1.727 ng
 RT: 13.85 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 9101
 Ion Ratio Lower Upper
 165 100
 63 59.0 39.2 58.8#
 89 52.2 38.9 58.3

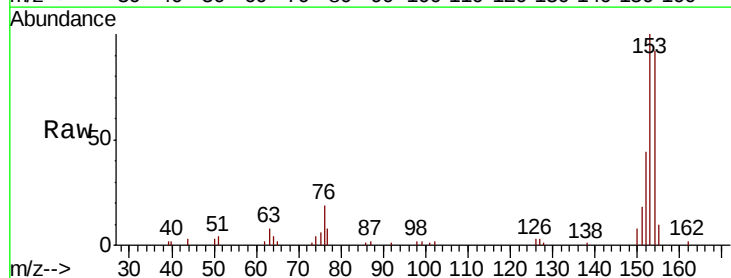


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

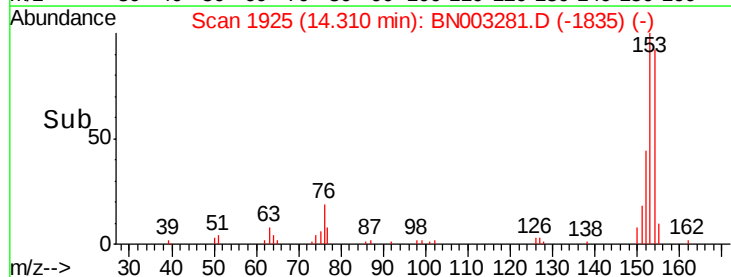
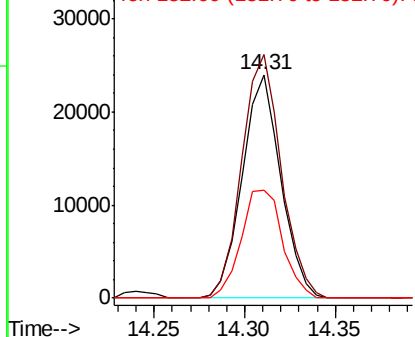


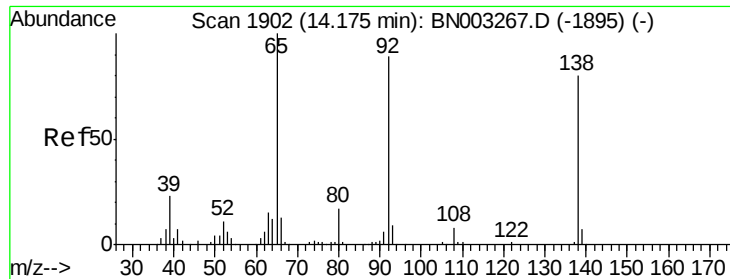
#52
 Acenaphthene
 Concen: 2.057 ng
 RT: 14.31 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Tgt Ion:154 Resp: 35470
 Ion Ratio Lower Upper
 154 100
 153 109.0 89.3 133.9
 152 48.2 41.2 61.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 1.090 ng

RT: 14.22 min Scan# 1909

Delta R.T. 0.04 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampleId :

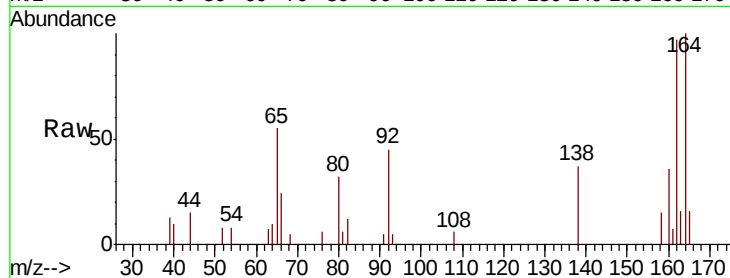
Tot Ion:138 Resp: 6141

Ion Ratio Lower Upper

138 100

108 16.0 8.4 12.6#

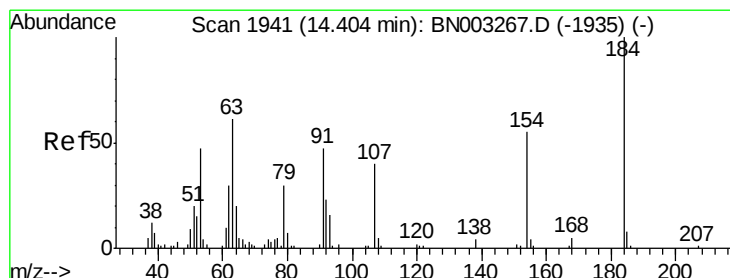
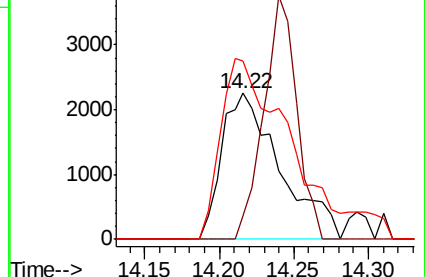
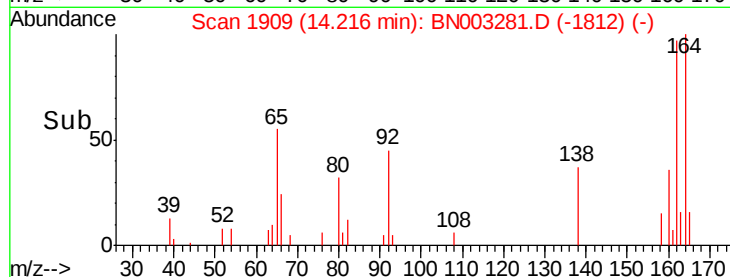
92 122.6 89.6 134.4



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): BNO



#54

2,4-Dinitrophenol

Concen: 6.500 ng

RT: 14.53 min Scan# 1963

Delta R.T. 0.13 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

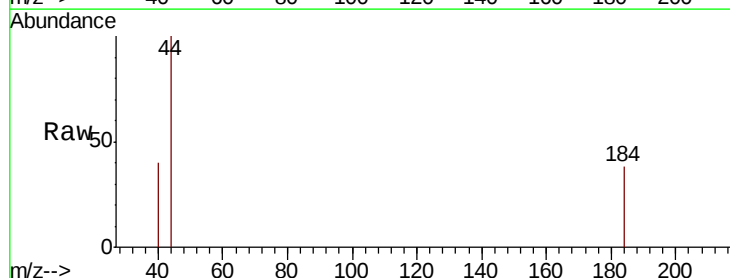
Tgt Ion:184 Resp: 121

Ion Ratio Lower Upper

184 100

63 0.0 49.0 73.4#

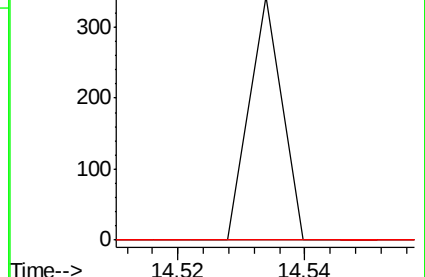
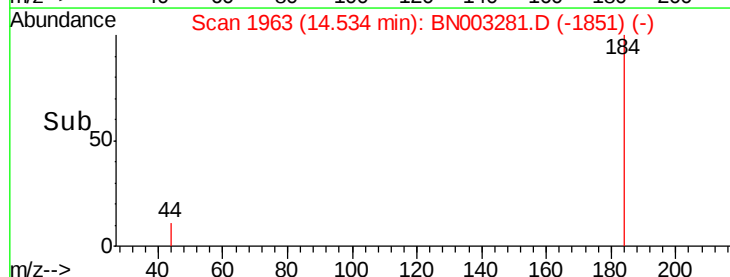
154 0.0 44.2 66.2#

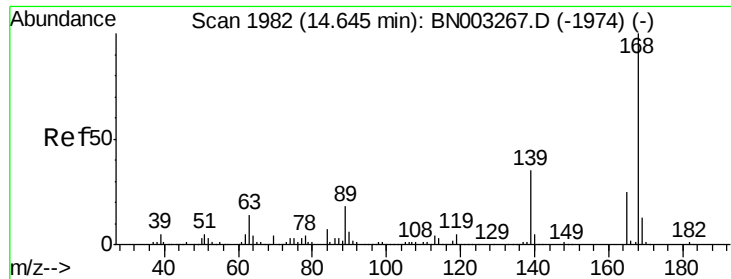


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E

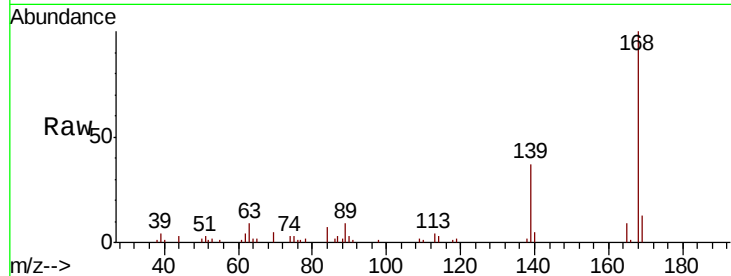




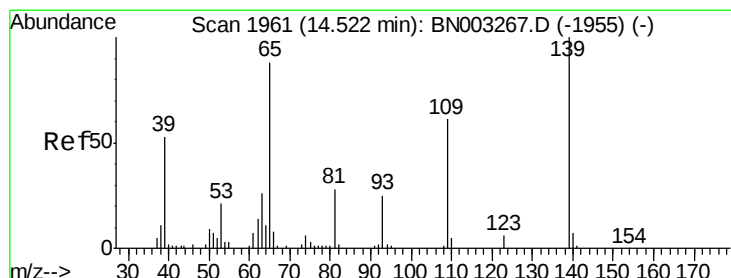
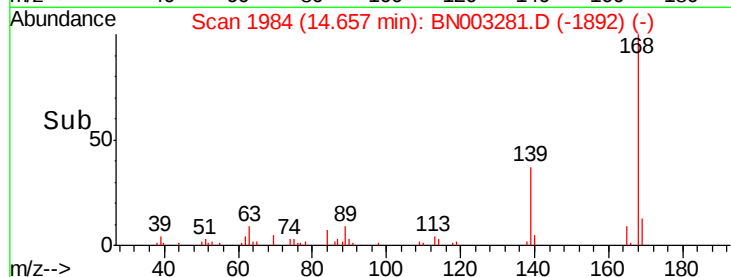
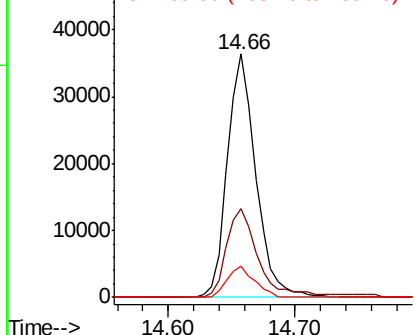
#55
Dibenzenofuran
Concen: 2.006 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:168 Resp: 56265
Ion Ratio Lower Upper
168 100
139 36.5 28.5 42.7
169 13.0 10.3 15.5

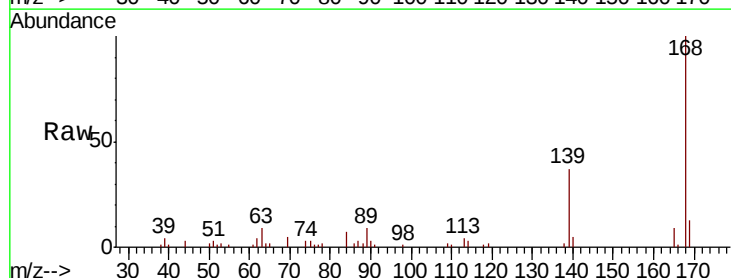


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

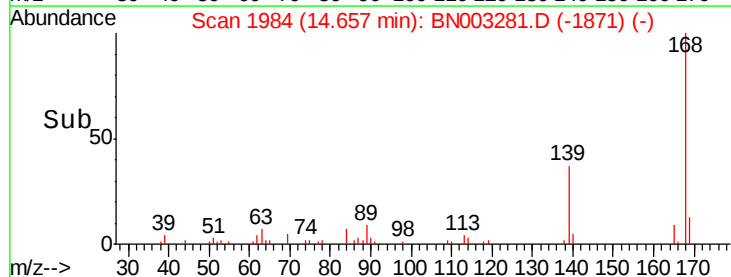
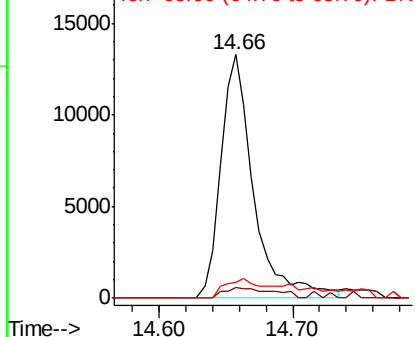


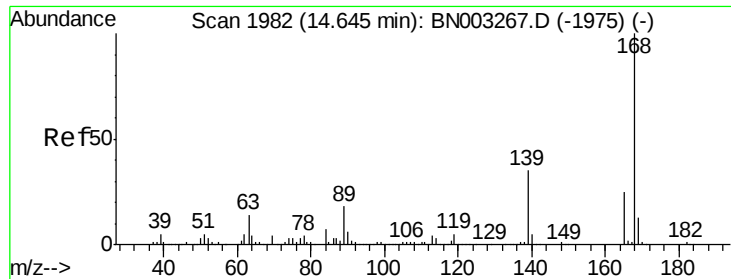
#56
4-Nitrophenol
Concen: 10.694 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.14 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion:139 Resp: 22978
Ion Ratio Lower Upper
139 100
109 4.1 40.7 80.7#
65 6.4 68.0 108.0#



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

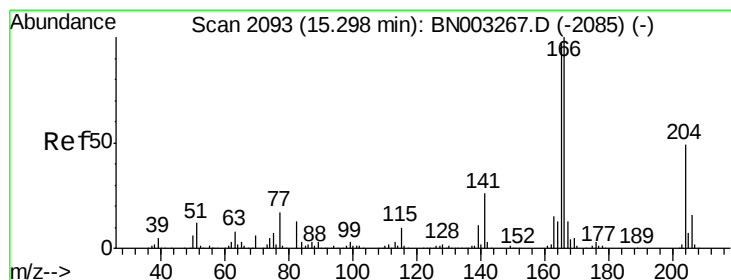
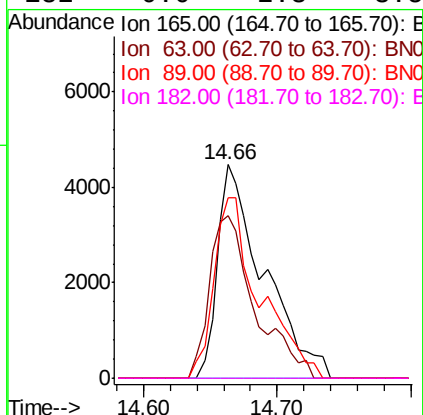
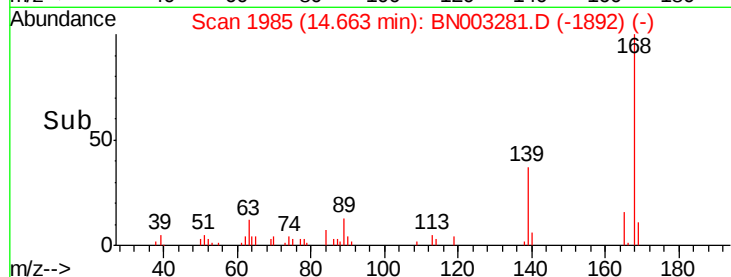
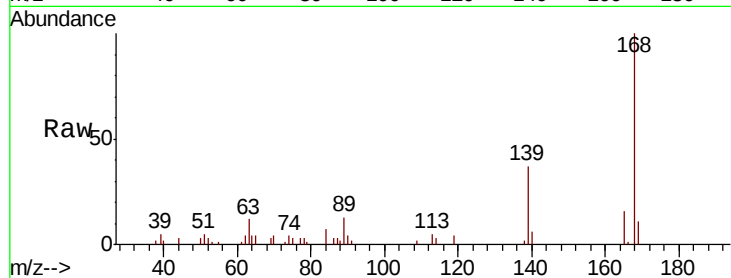




#57
2,4-Dinitrotoluene
Concen: 1.512 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.02 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

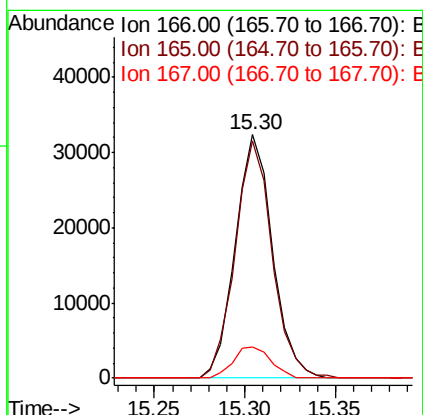
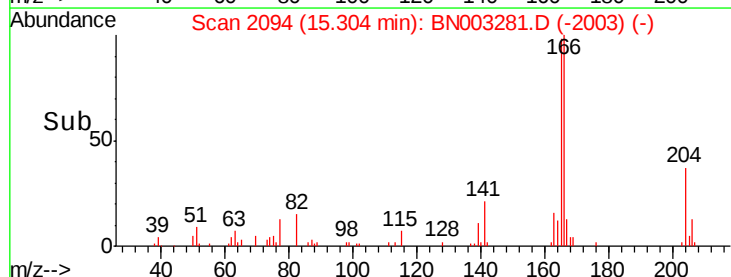
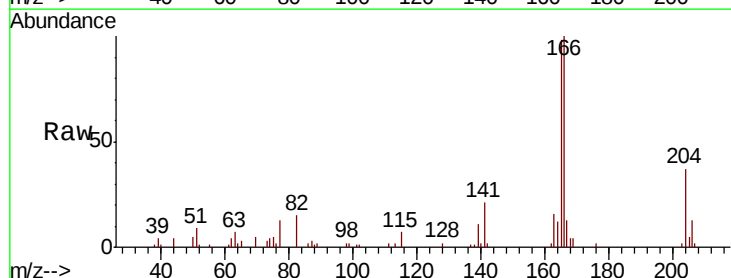
Instrument :
BNA_N
ClientSampleId :

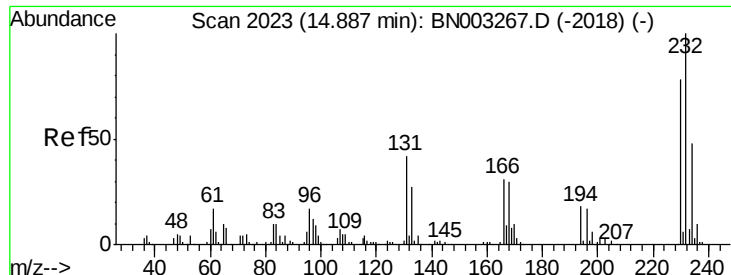
Tot Ion:165 Resp: 10802
Ion Ratio Lower Upper
165 100
63 76.2 45.8 68.6#
89 84.8 58.7 88.1
182 0.0 2.3 3.5#



#58
Fluorene
Concen: 2.125 ng
RT: 15.30 min Scan# 2094
Delta R.T. 0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion:166 Resp: 45993
Ion Ratio Lower Upper
166 100
165 97.6 77.6 116.4
167 12.6 10.6 16.0

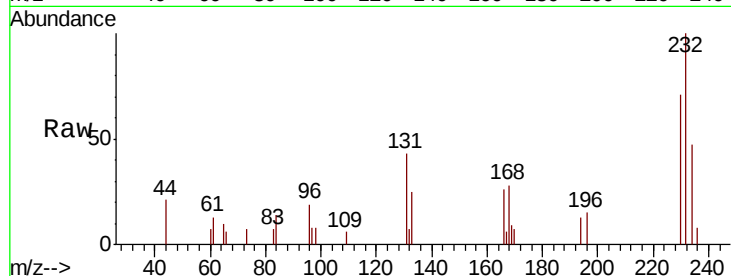




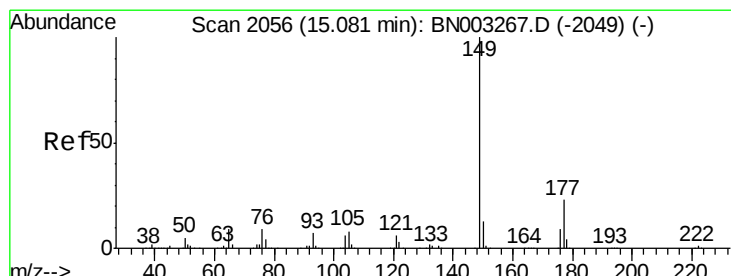
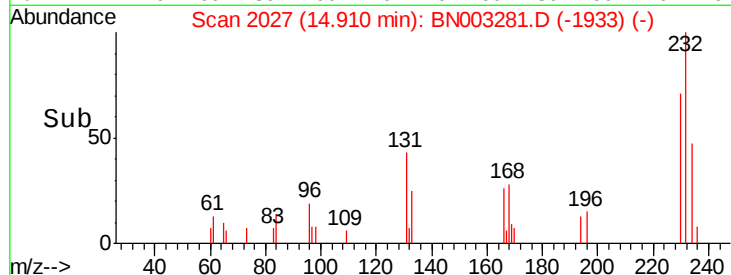
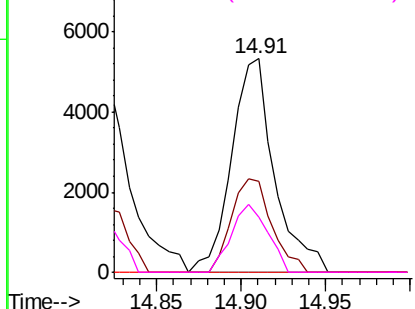
#59
2,3,4,6-Tetrachlorophenol
Concen: 1.719 ng
RT: 14.91 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:232 Resp: 9453
Ion Ratio Lower Upper
232 100
131 41.3 33.7 50.5
130 0.0 1.6 2.4#
166 26.9 24.3 36.5

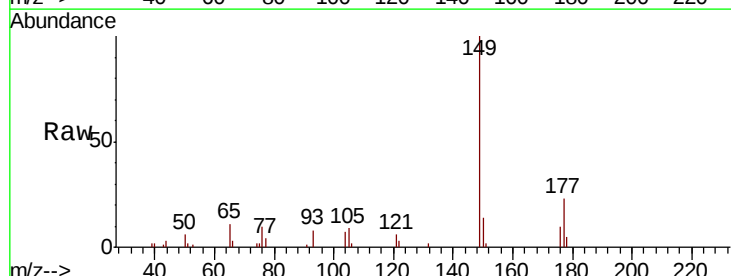


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

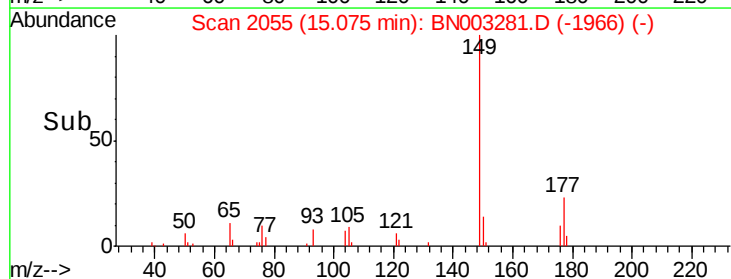
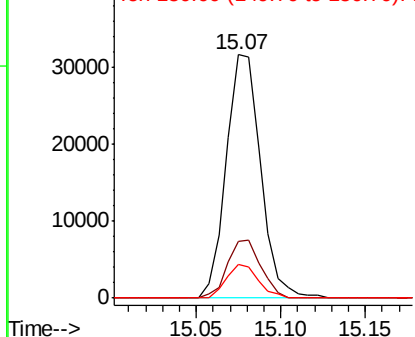


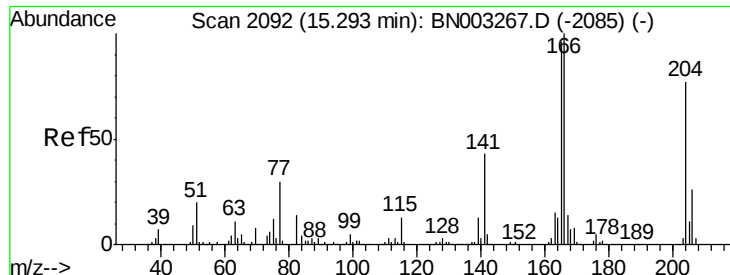
#60
Diethylphthalate
Concen: 1.905 ng
RT: 15.07 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion:149 Resp: 44883
Ion Ratio Lower Upper
149 100
177 23.5 18.6 28.0
150 14.1 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

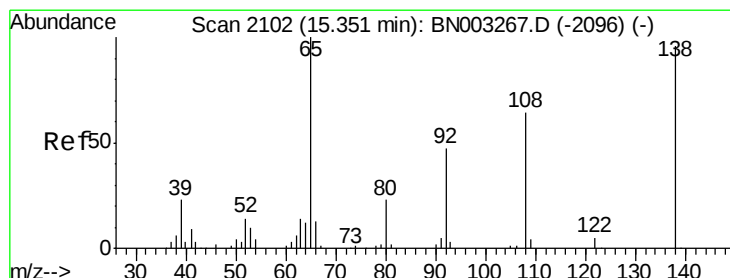
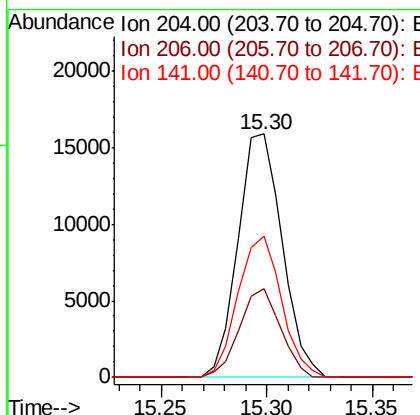
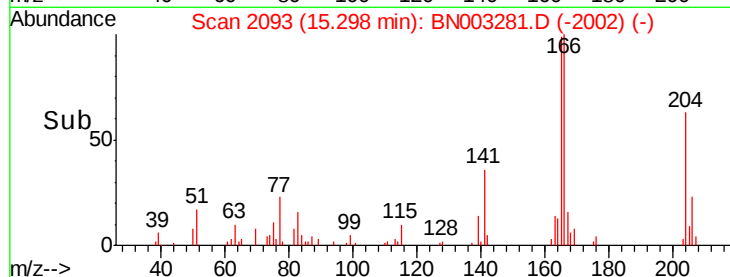
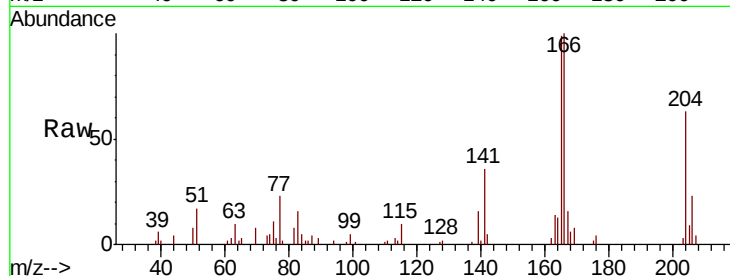




#61
 4-Chlorophenyl-phenylether
 Concen: 1.922 ng
 RT: 15.30 min Scan# 2093
 Delta R.T. 0.01 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

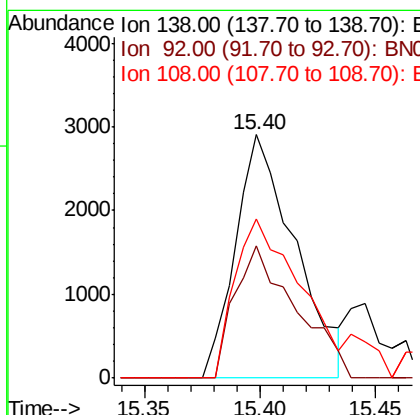
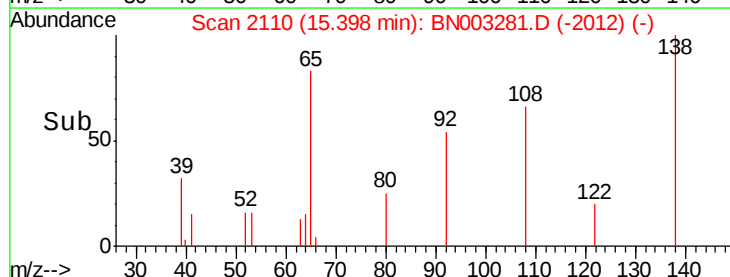
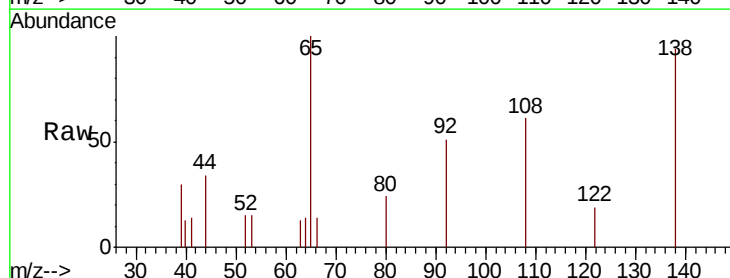
Instrument :
 BNA_N
 ClientSampled :

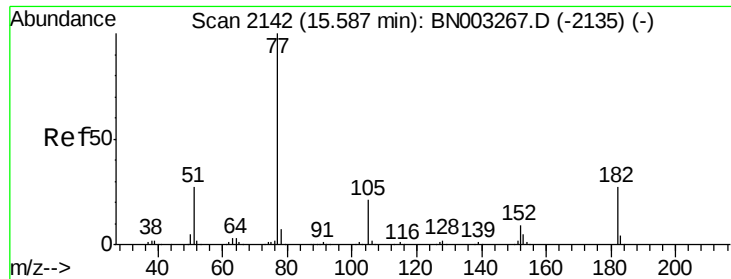
Tot Ion:204 Resp: 23111
 Ion Ratio Lower Upper
 204 100
 206 36.6 26.6 39.8
 141 58.1 44.6 67.0



#62
 4-Nitroaniline
 Concen: 0.951 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. 0.05 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Tgt Ion:138 Resp: 5233
 Ion Ratio Lower Upper
 138 100
 92 54.2 27.9 67.9
 108 65.6 46.3 86.3

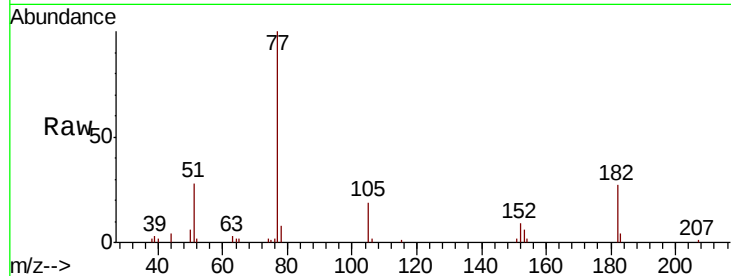




#63
Azobenzene
Concen: 1.966 ng
RT: 15.59 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	77	Resp:	42810
Ion	Ratio	Lower	Upper
77	100		
182	26.7	6.5	46.5
105	19.1	1.0	41.0
51	28.1	7.0	47.0

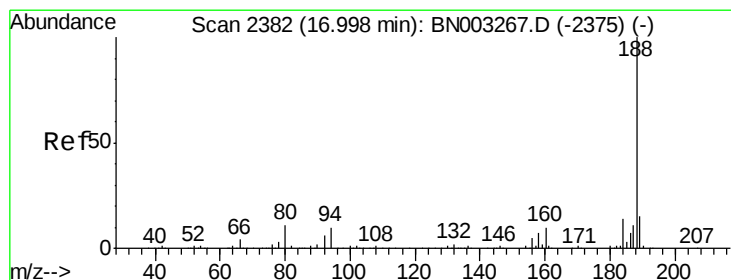
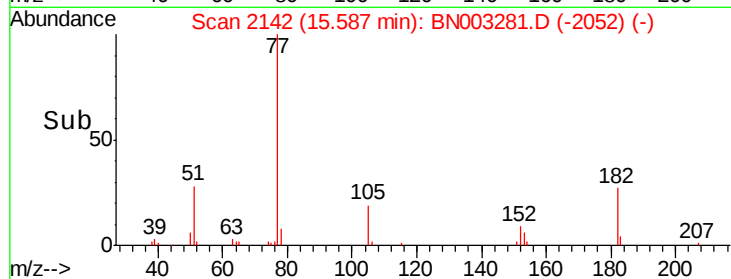
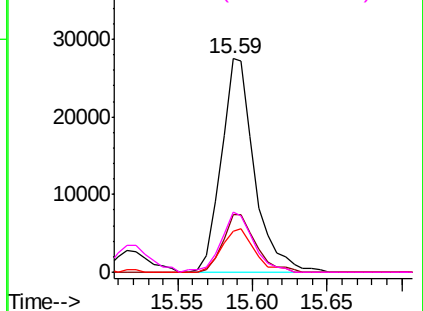


Abundance Ion 77.00 (76.70 to 77.70): BN003267.D (-2135) (-)

Ion 182.00 (181.70 to 182.70): BN003267.D (-2135) (-)

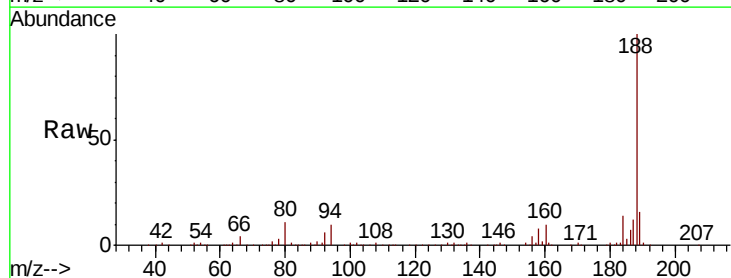
Ion 105.00 (104.70 to 105.70): BN003267.D (-2135) (-)

Ion 51.00 (50.70 to 51.70): BN003267.D (-2135) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

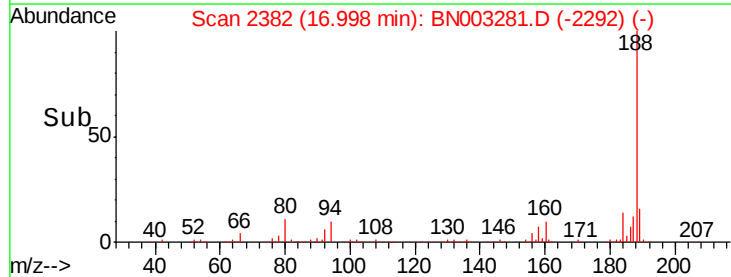
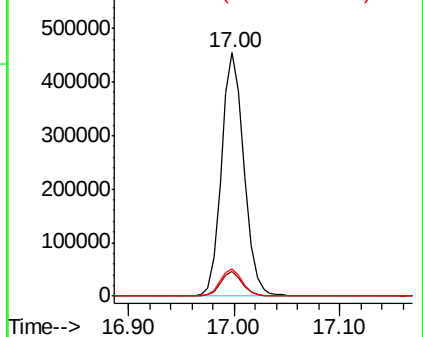
Tgt Ion:	188	Resp:	672374
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	11.3	8.6	13.0

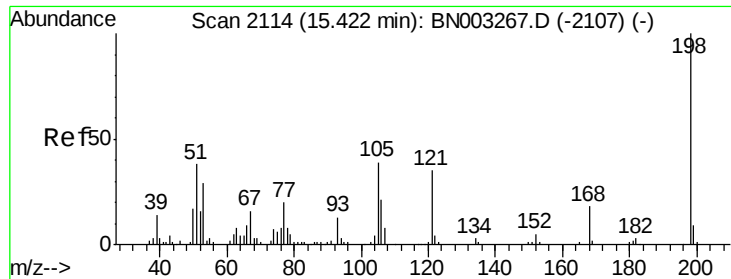


Abundance Ion 188.00 (187.70 to 188.70): BN003267.D (-2375) (-)

Ion 94.00 (93.70 to 94.70): BN003267.D (-2375) (-)

Ion 80.00 (79.70 to 80.70): BN003267.D (-2375) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 0.735 ng

RT: 15.47 min Scan# 2123

Delta R.T. 0.05 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampleId :

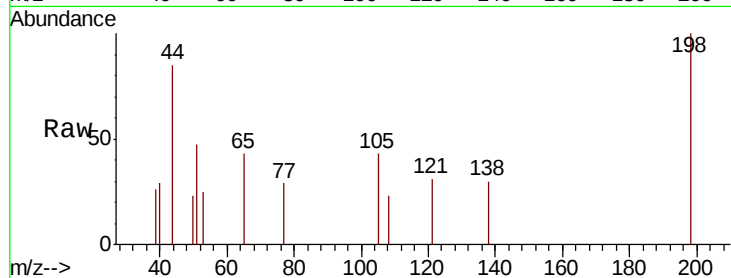
Tot Ion:198 Resp: 3447

Ion Ratio Lower Upper

198 100

51 46.6 19.2 59.2

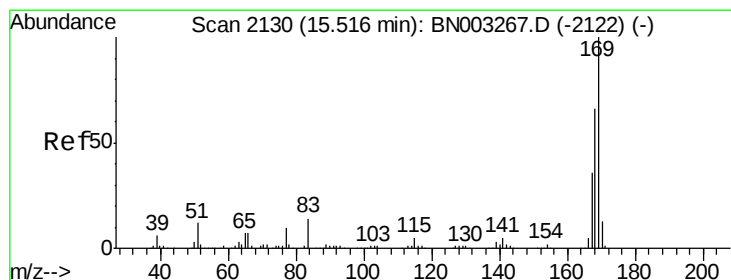
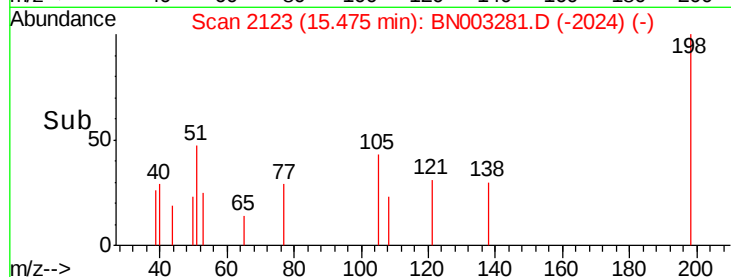
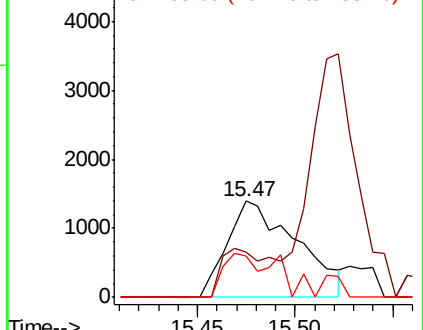
105 43.4 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 1.895 ng

RT: 15.52 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

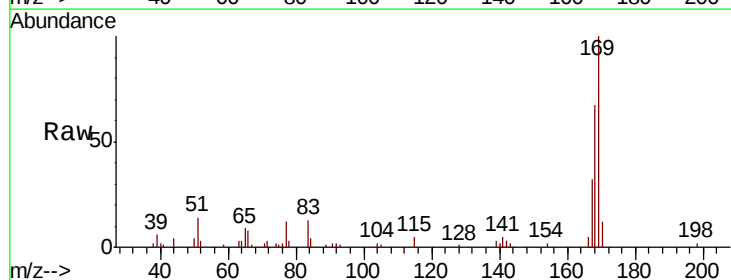
Tgt Ion:169 Resp: 39888

Ion Ratio Lower Upper

169 100

168 67.2 53.3 79.9

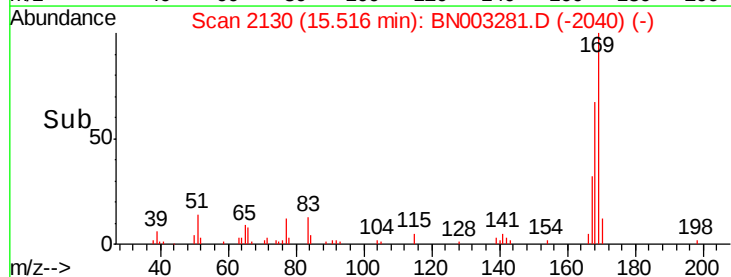
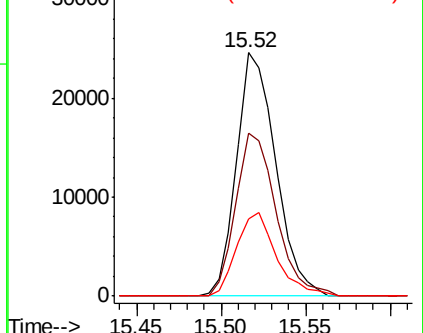
167 31.8 28.6 43.0

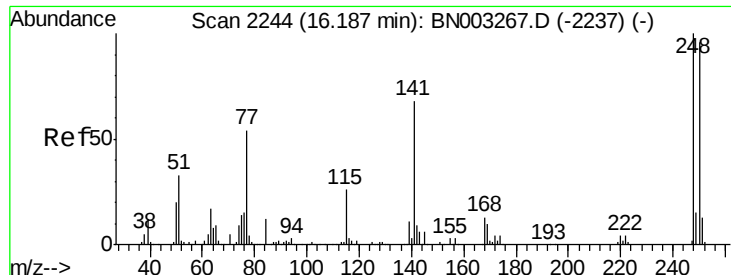


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

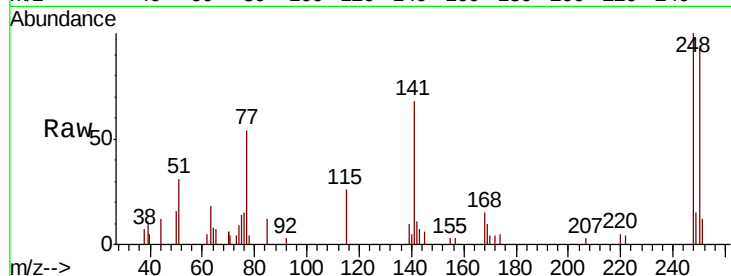




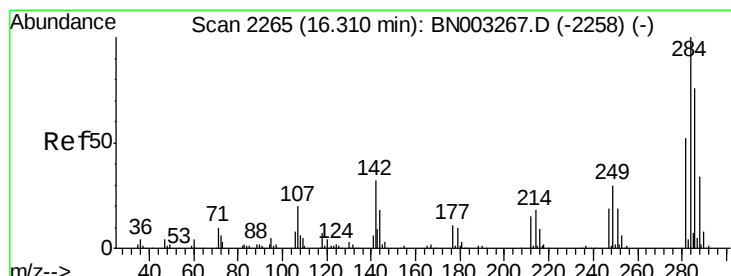
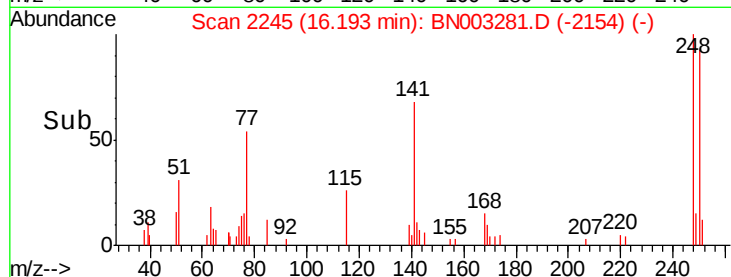
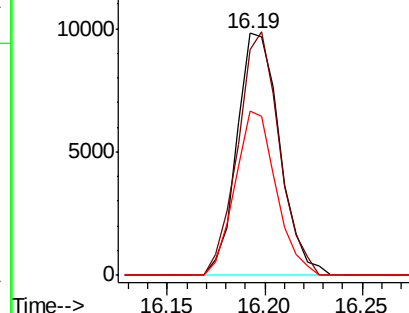
#67
 4-Bromophenyl-phenylether
 Concen: 1.964 ng
 RT: 16.19 min Scan# 2245
 Delta R.T. 0.01 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:248 Resp: 14870
 Ion Ratio Lower Upper
 248 100
 250 93.0 76.4 114.6
 141 67.8 54.2 81.4

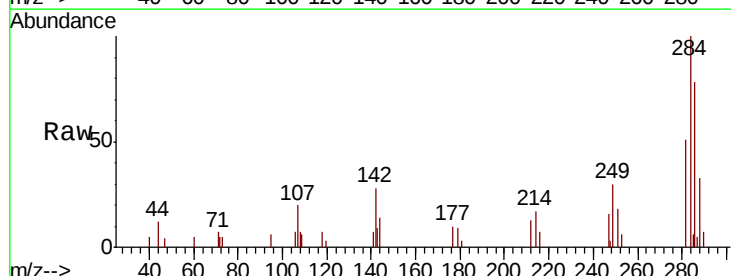


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

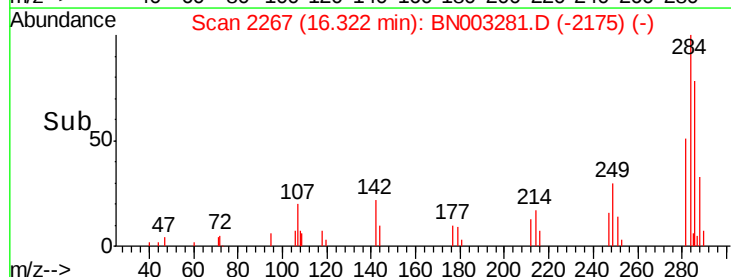
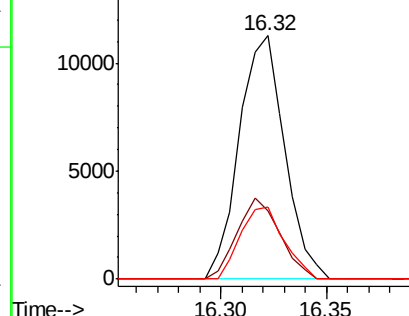


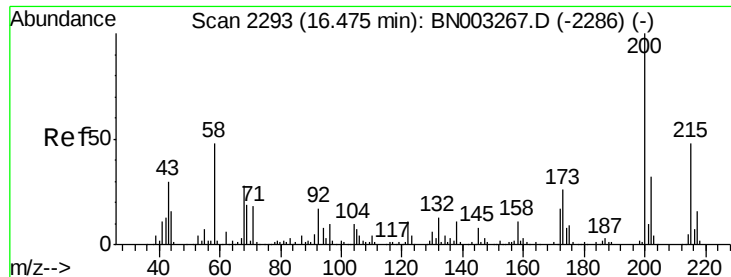
#68
 Hexachlorobenzene
 Concen: 1.947 ng
 RT: 16.32 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Tgt Ion:284 Resp: 16795
 Ion Ratio Lower Upper
 284 100
 142 27.8 25.6 38.4
 249 29.8 23.6 35.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 1.820 ng

RT: 16.48 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampleId :

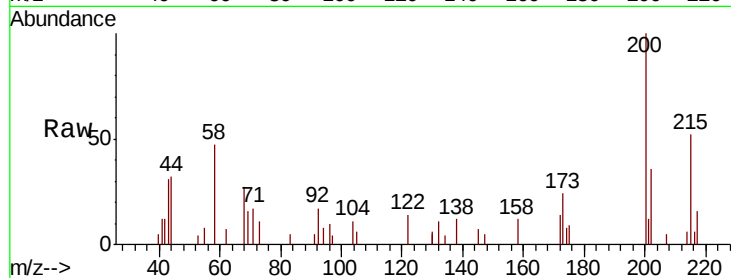
Tot Ion:200 Resp: 13576

Ion Ratio Lower Upper

200 100

173 24.5 6.3 46.3

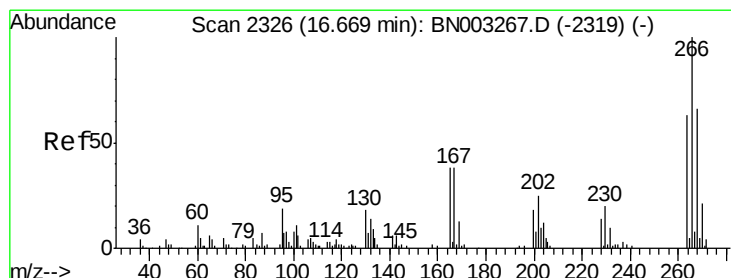
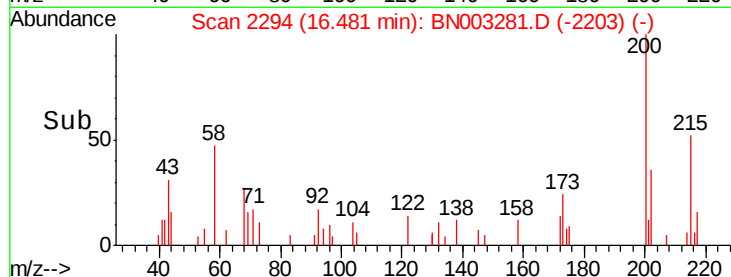
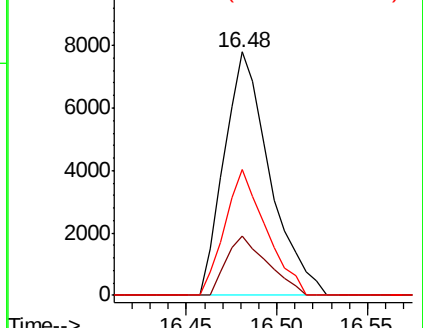
215 51.6 27.6 67.6



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



#70

Pentachlorophenol

Concen: 7.015 ng

RT: 16.71 min Scan# 2333

Delta R.T. 0.04 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

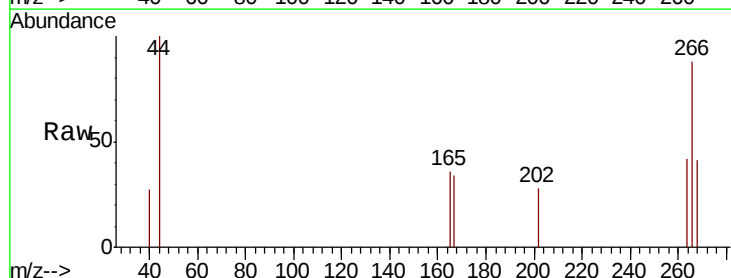
Tgt Ion:266 Resp: 2291

Ion Ratio Lower Upper

266 100

268 47.0 52.5 78.7#

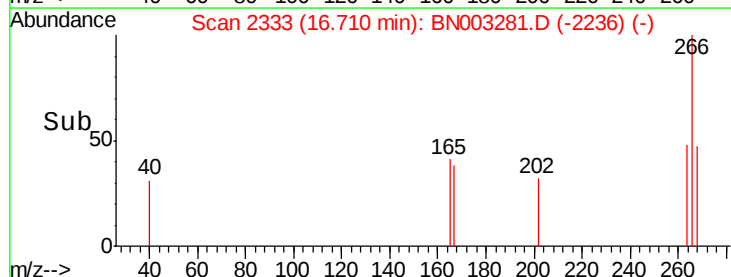
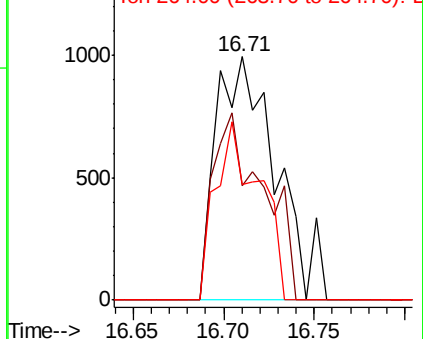
264 47.6 50.3 75.5#

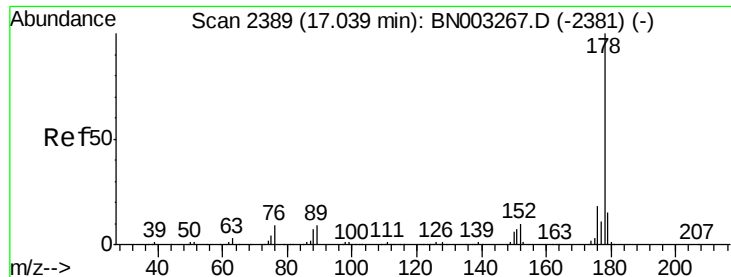


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

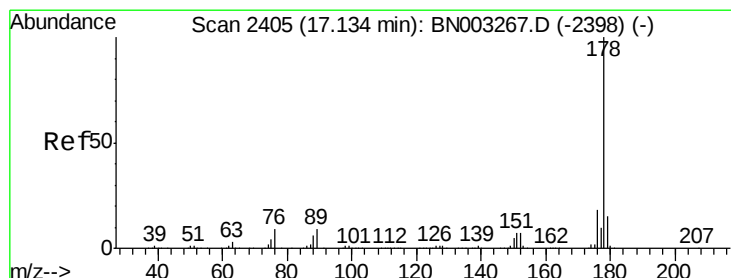
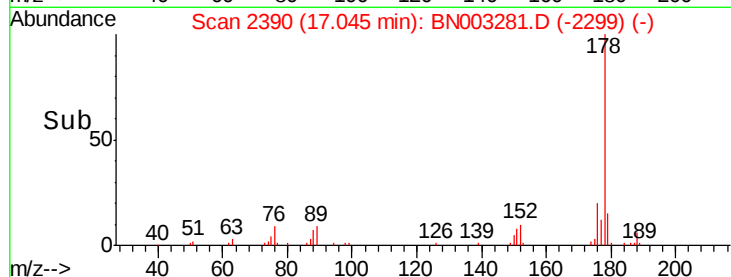
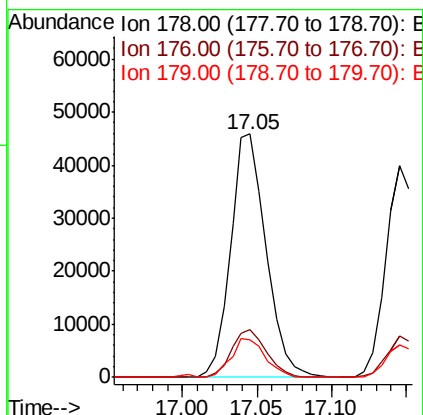
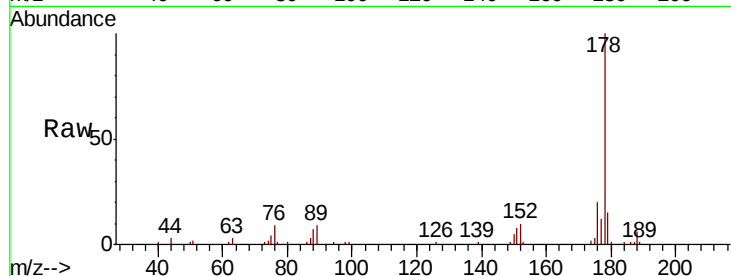




#71
Phenanthrene
Concen: 2.148 ng
RT: 17.05 min Scan# 2390
Delta R.T. 0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

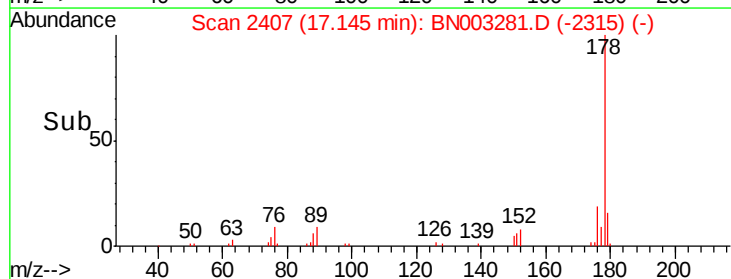
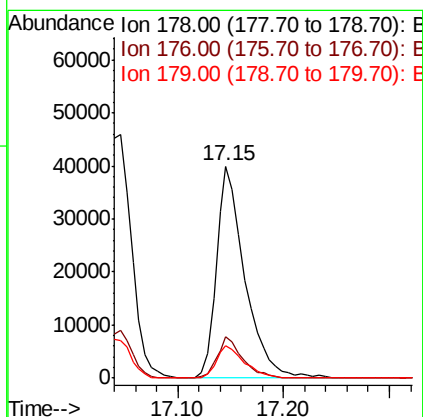
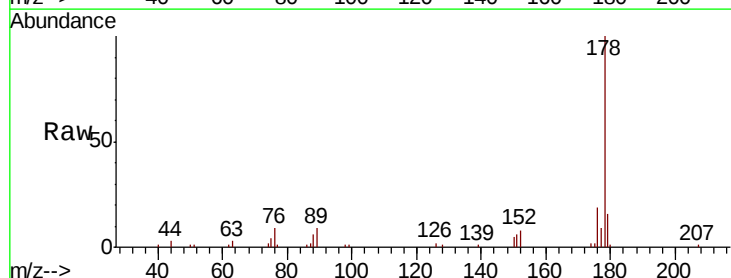
Instrument :
BNA_N
ClientSampleId :

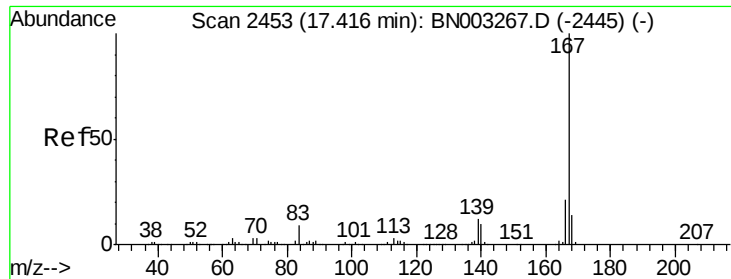
Tot Ion:178 Resp: 75923
Ion Ratio Lower Upper
178 100
176 19.5 14.4 21.6
179 15.3 12.2 18.4



#72
Anthracene
Concen: 2.111 ng
RT: 17.15 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion:178 Resp: 74458
Ion Ratio Lower Upper
178 100
176 19.3 14.3 21.5
179 15.5 12.1 18.1

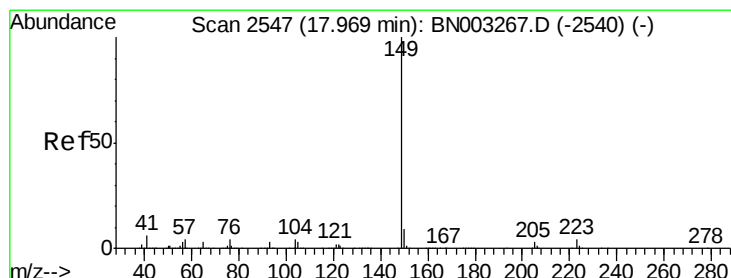
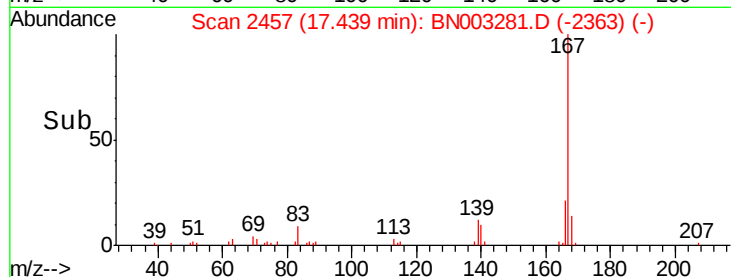
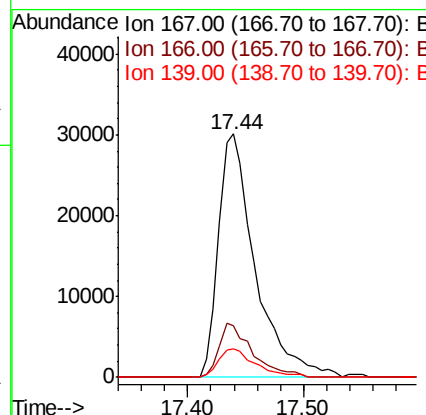
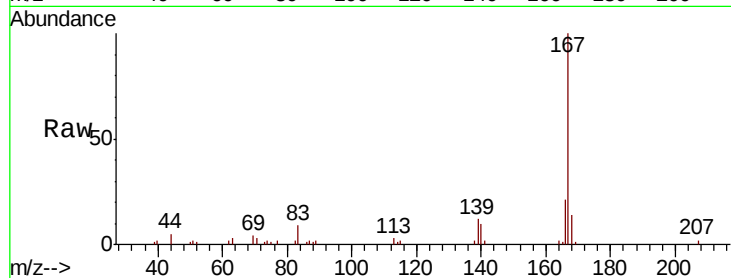




#73
 Carbazole
 Concen: 1.821 ng
 RT: 17.44 min Scan# 2457
 Delta R.T. 0.02 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

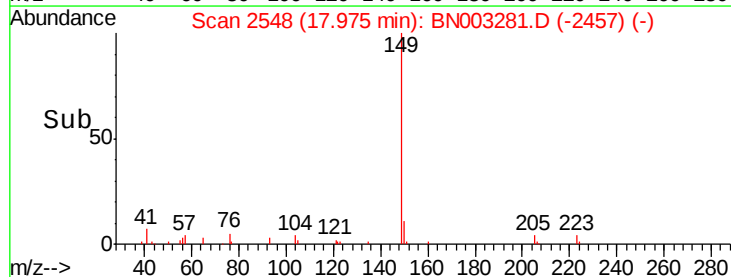
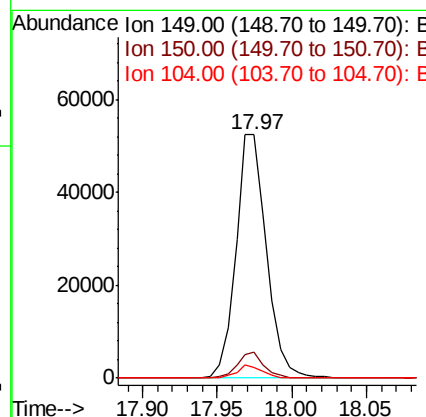
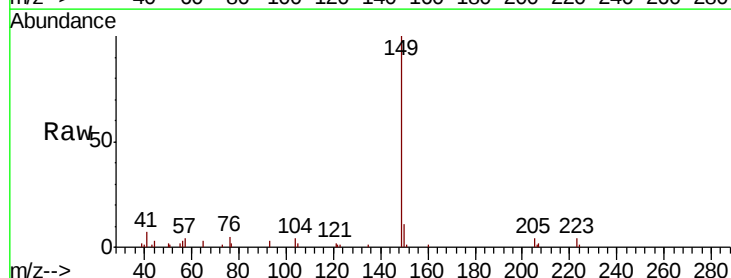
Instrument :
 BNA_N
 ClientSampleId :

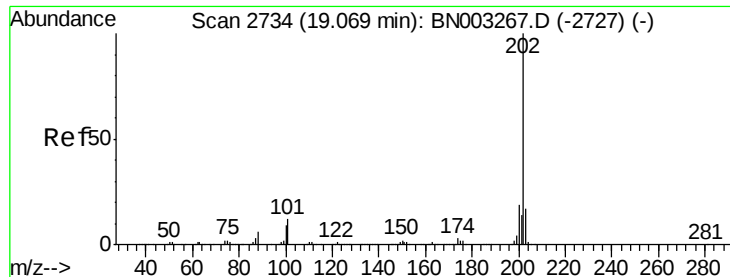
Tot Ion:167 Resp: 66533
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 11.8 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 1.754 ng
 RT: 17.97 min Scan# 2548
 Delta R.T. 0.01 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Tgt Ion:149 Resp: 74723
 Ion Ratio Lower Upper
 149 100
 150 10.5 7.2 10.8
 104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 2.134 ng

RT: 19.08 min Scan# 2736

Delta R.T. 0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampleId :

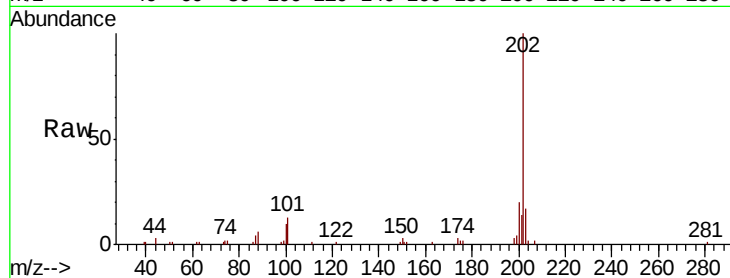
Tot Ion:202 Resp: 88875

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.3

203 16.9 0.0 37.4

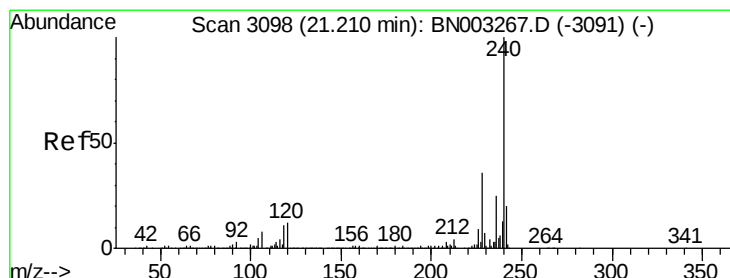
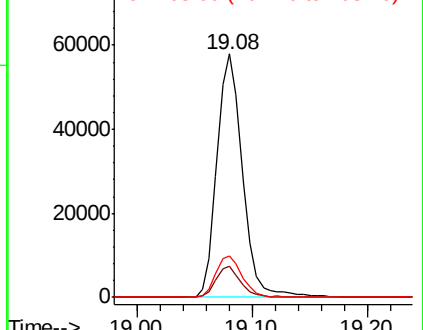
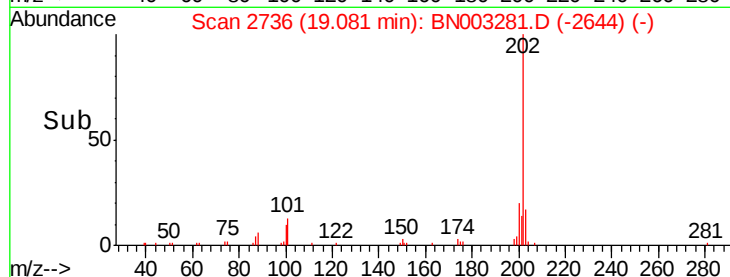


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.21 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

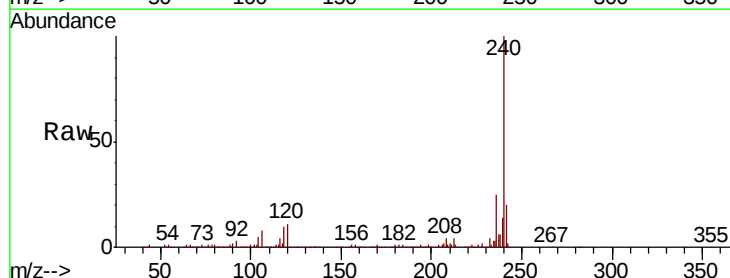
Tgt Ion:240 Resp: 771260

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.0

236 25.1 20.3 30.5

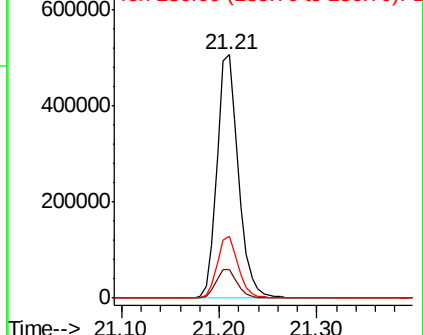
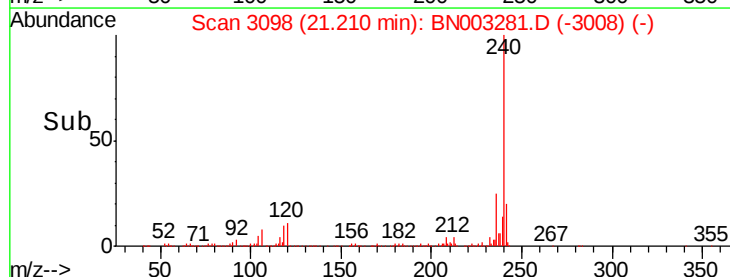


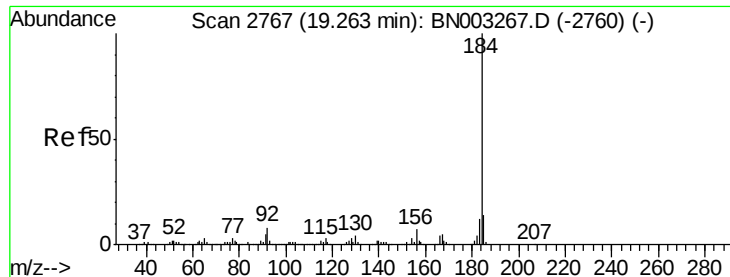
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.620 ng

RT: 19.30 min Scan# 2773

Delta R.T. 0.04 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampleId :

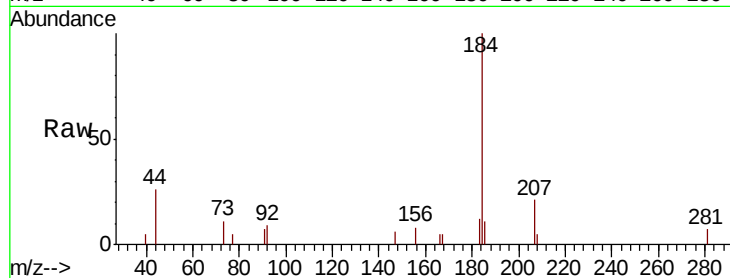
Tot Ion:184 Resp: 13998

Ion Ratio Lower Upper

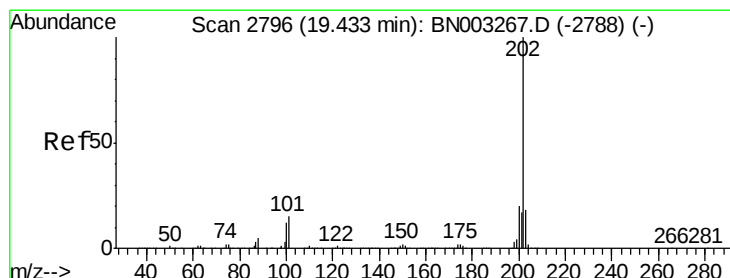
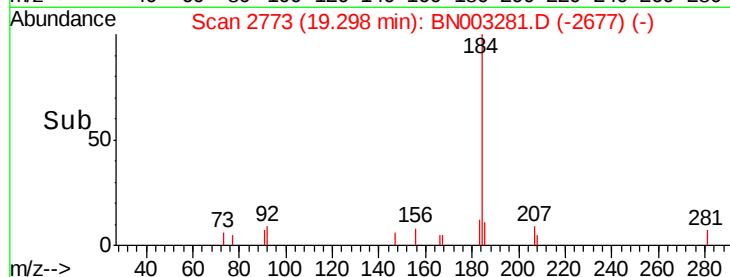
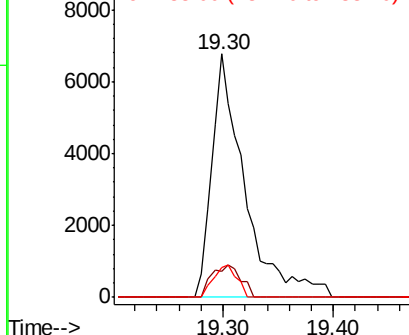
184 100

185 10.6 11.5 17.3#

183 12.1 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 2.011 ng

RT: 19.45 min Scan# 2798

Delta R.T. 0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

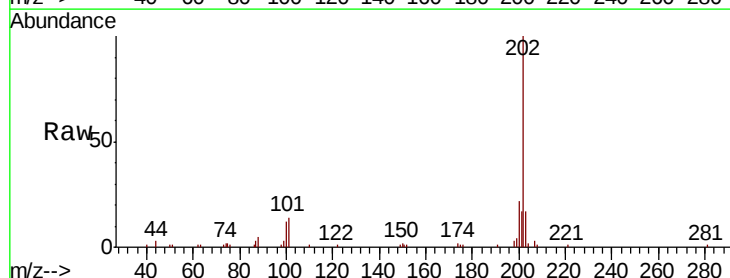
Tgt Ion:202 Resp: 91157

Ion Ratio Lower Upper

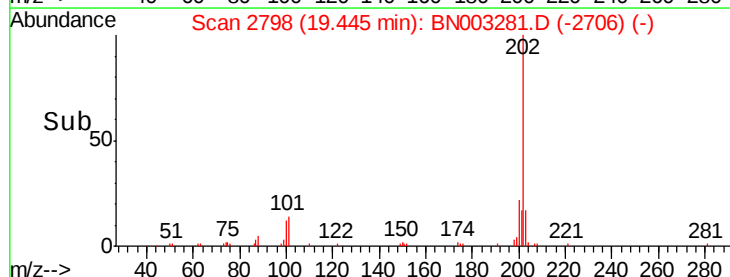
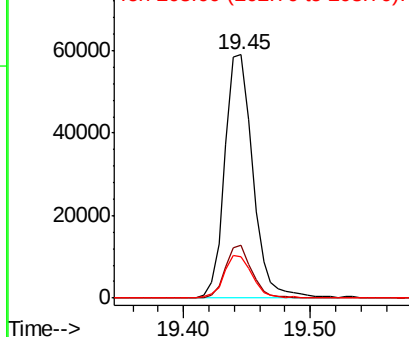
202 100

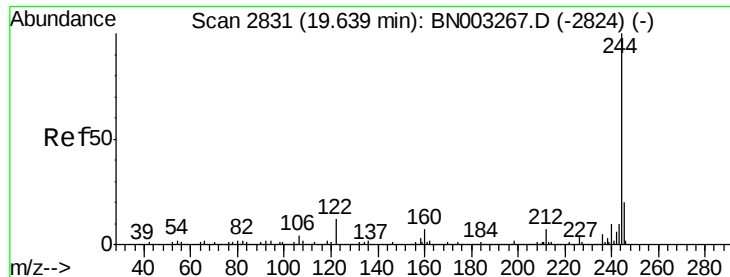
200 22.0 16.2 24.4

203 16.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

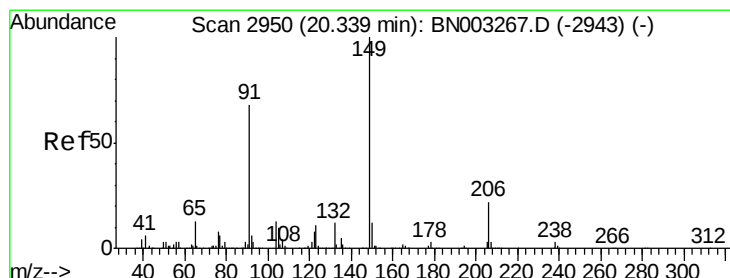
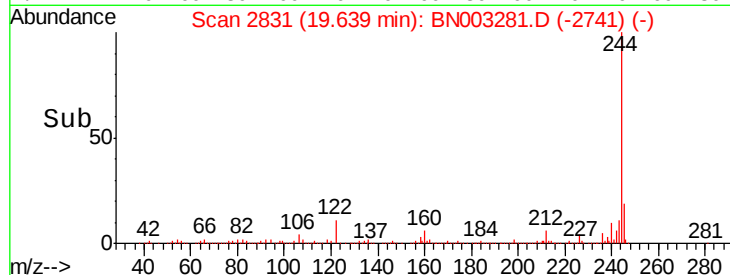
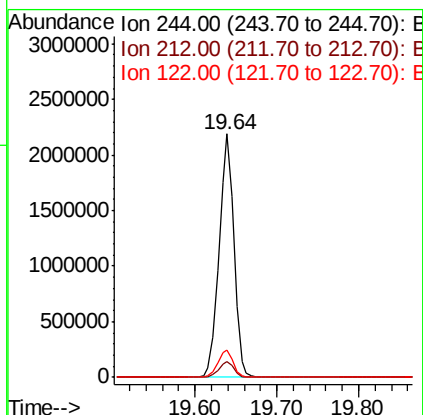
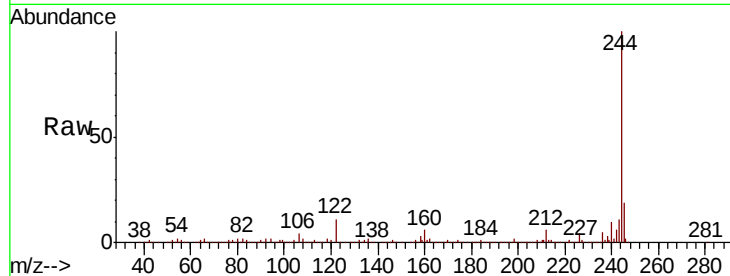




#79
 Terphenyl-d14
 Concen: 76.703 ng
 RT: 19.64 min Scan# 2831
 Delta R.T. 0.00 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

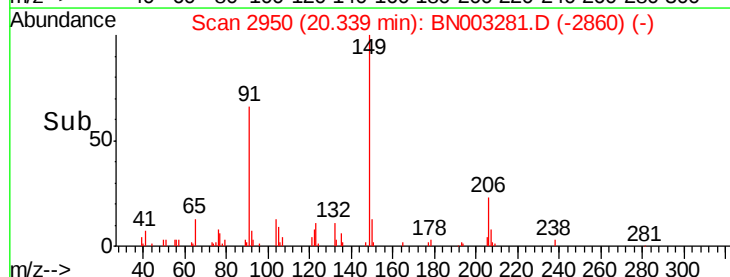
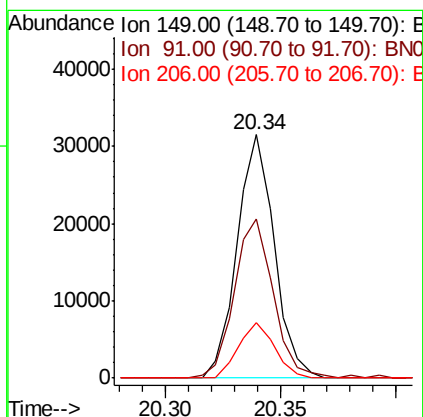
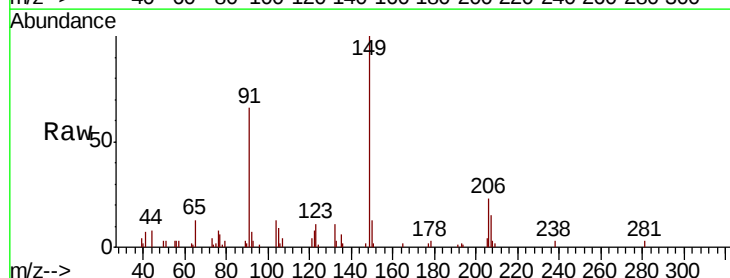
Instrument :
 BNA_N
 ClientSampled :

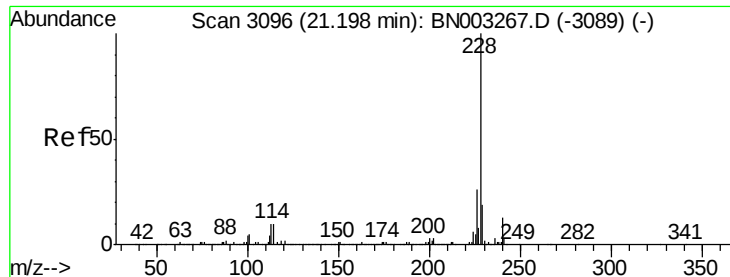
Tot Ion:244 Resp: 2766268
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 11.2 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 1.684 ng
 RT: 20.34 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: BN003281.D
 Acq: 24 Oct 2018 20:52

Tgt Ion:149 Resp: 35441
 Ion Ratio Lower Upper
 149 100
 91 65.5 54.6 81.8
 206 22.9 17.8 26.6

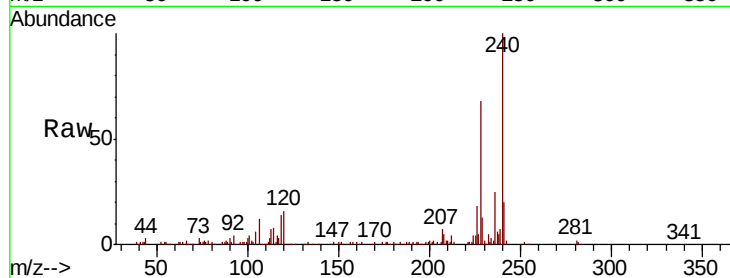




#81
Benzo(a)anthracene
Concen: 2.115 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.8	31.2
229	18.5	15.3	22.9

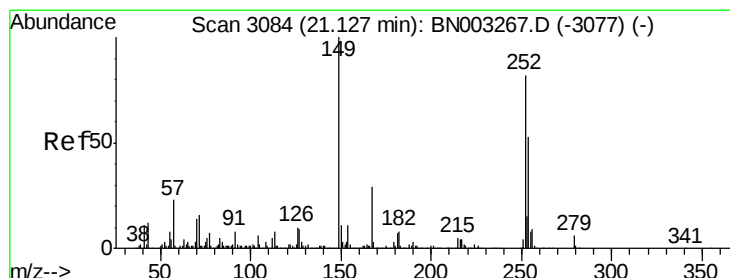
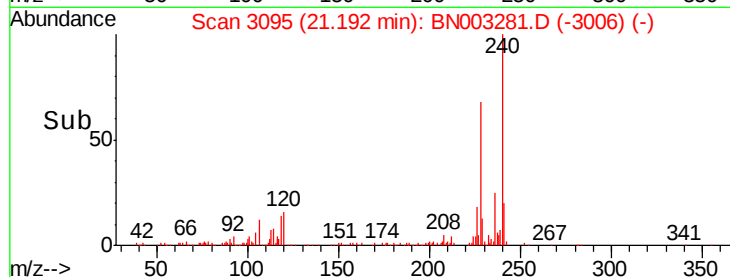
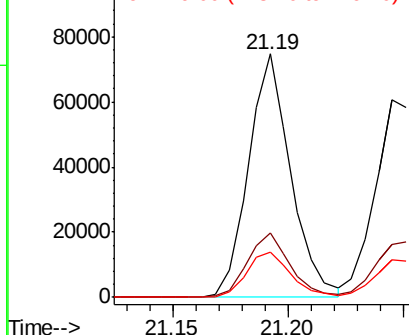


Abundance

Ion 228.00 (227.70 to 228.70): E

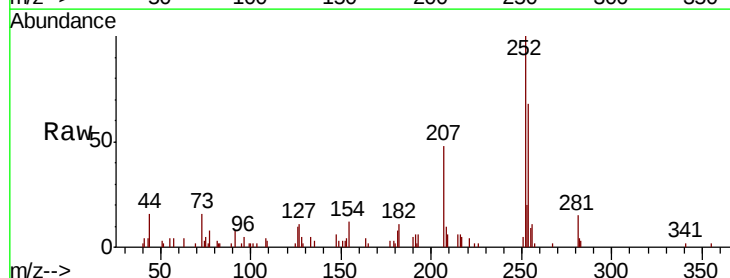
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 1.428 ng
RT: 21.15 min Scan# 3087
Delta R.T. 0.02 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.5	51.1	76.7
126	10.2	9.3	13.9

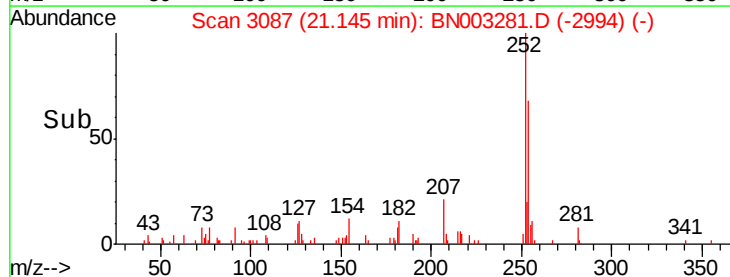
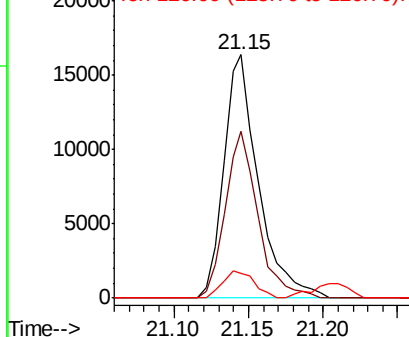


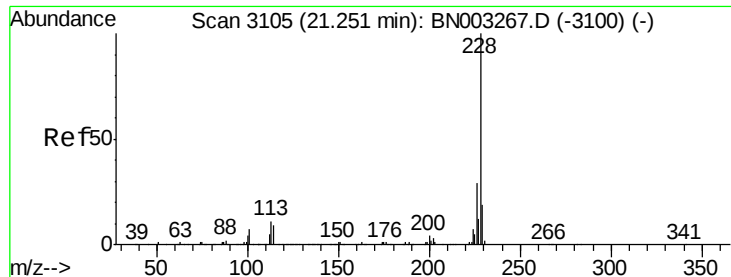
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

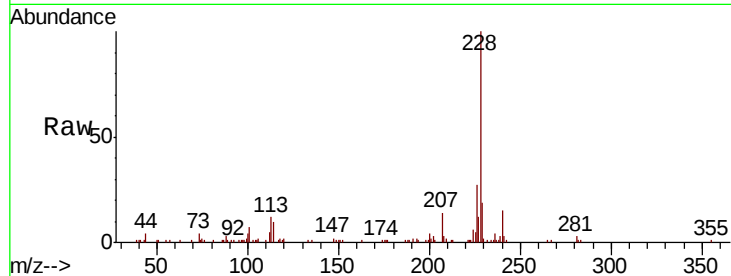




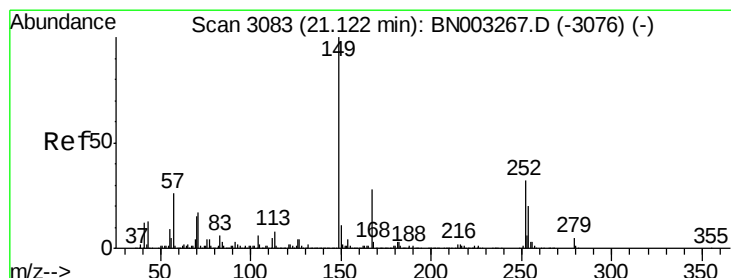
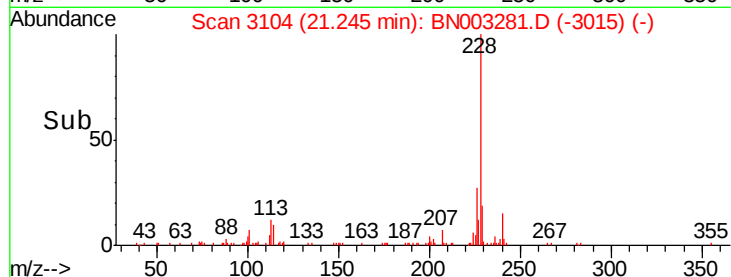
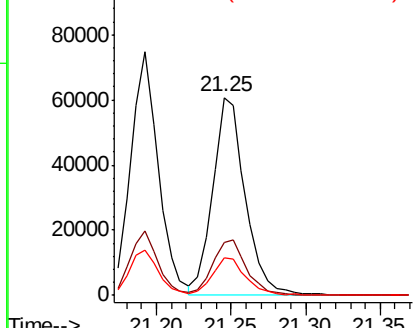
#83
Chrysene
Concen: 2.141 ng
RT: 21.25 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:228 Resp: 92425
Ion Ratio Lower Upper
228 100
226 26.8 23.3 34.9
229 19.0 15.3 22.9

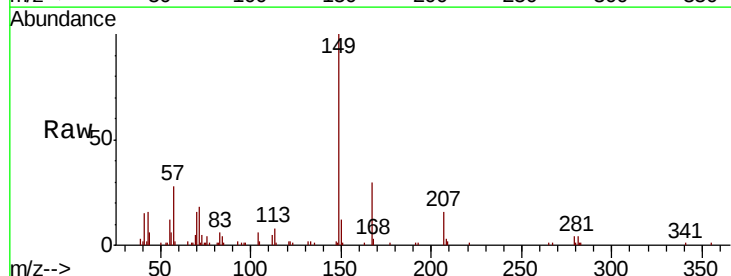


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

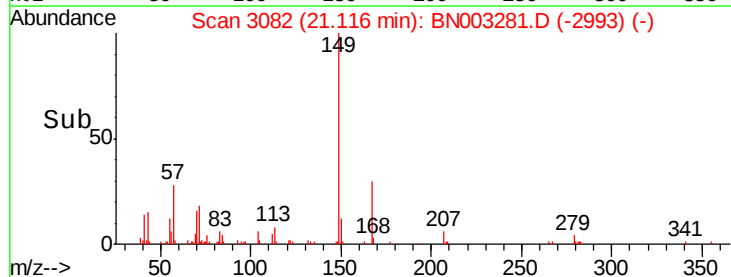
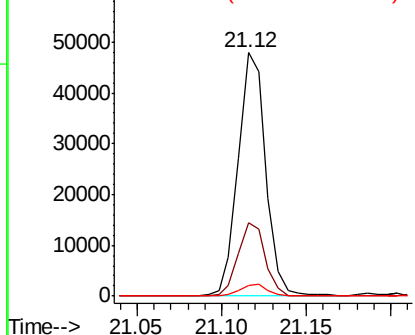


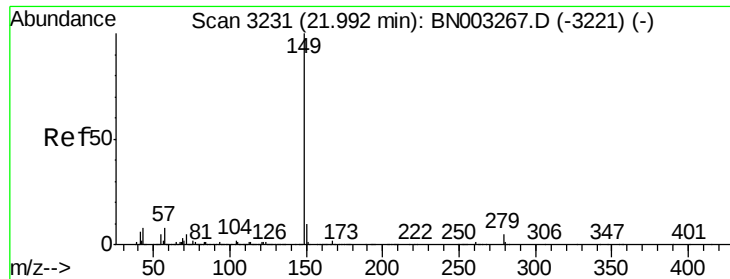
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.754 ng
RT: 21.12 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion:149 Resp: 54758
Ion Ratio Lower Upper
149 100
167 30.1 22.6 33.8
279 4.3 3.8 5.8



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

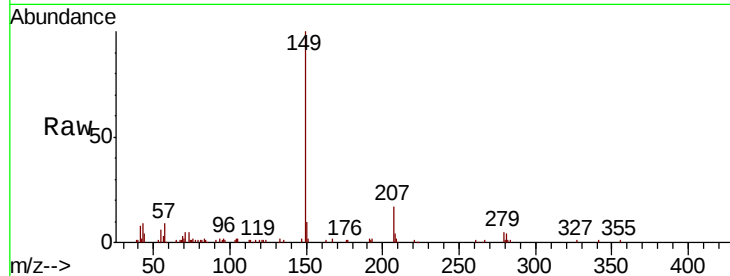




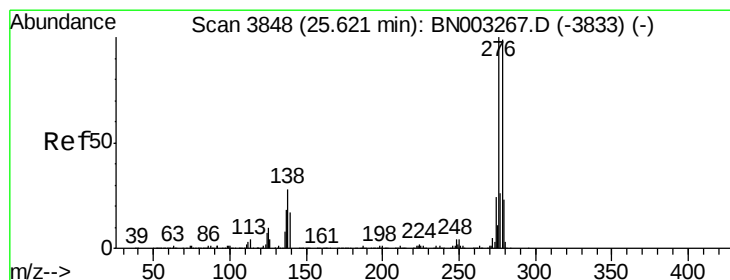
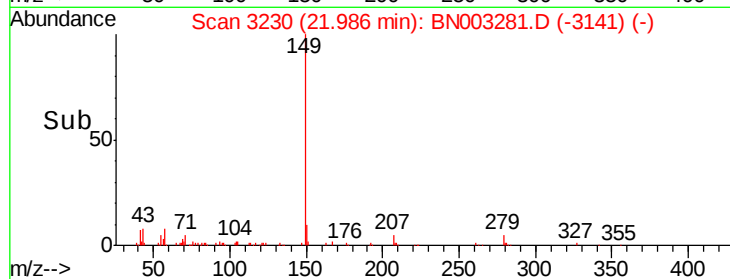
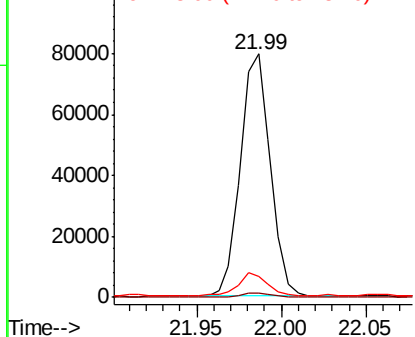
#85
Di-n-octyl phthalate
Concen: 1.832 ng
RT: 21.99 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.9	6.9	10.3

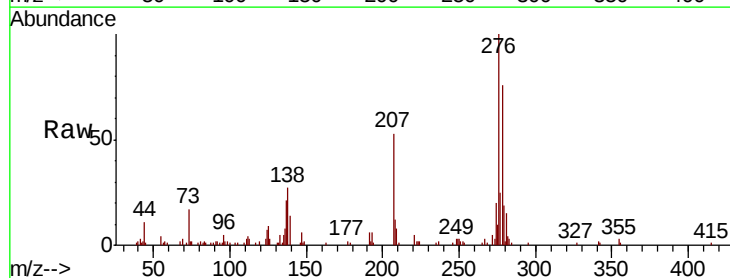


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNO

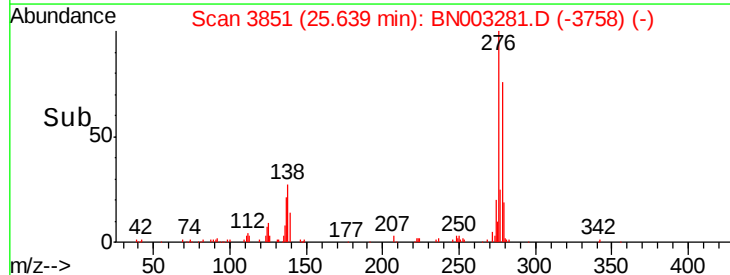
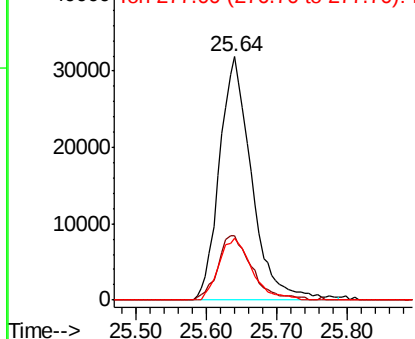


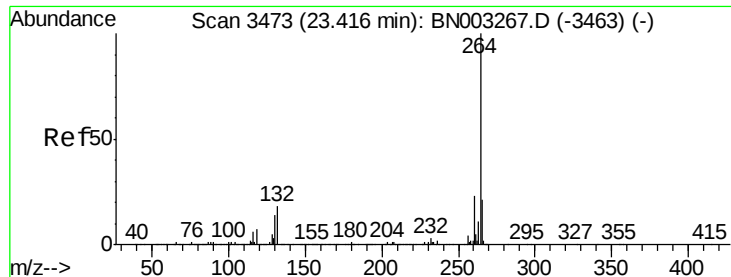
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.056 ng
RT: 25.64 min Scan# 3851
Delta R.T. 0.02 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.2	31.8
277	25.6	20.2	30.4



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



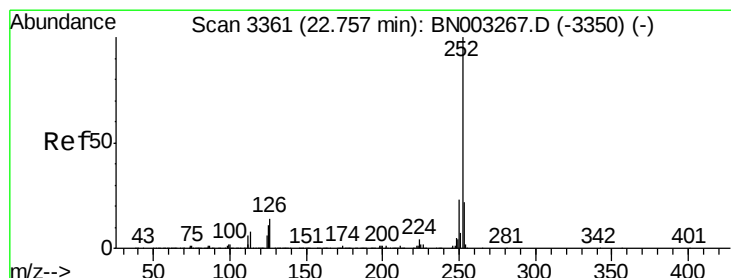
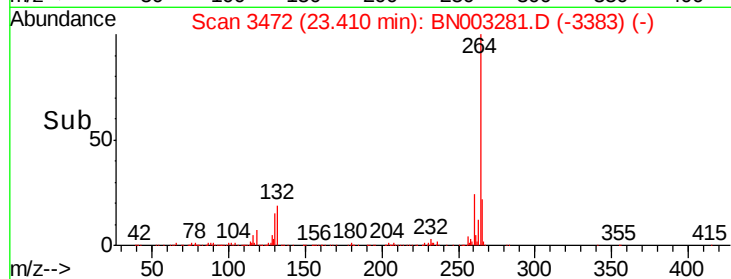
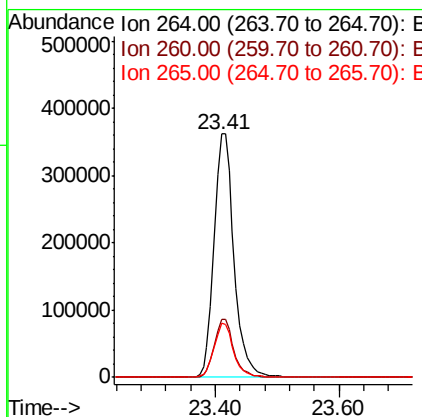
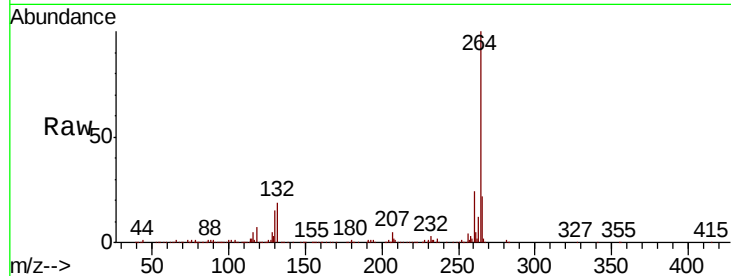


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Instrument :
BNA_N
ClientSampled :

Tot Ion:264 Resp: 806051

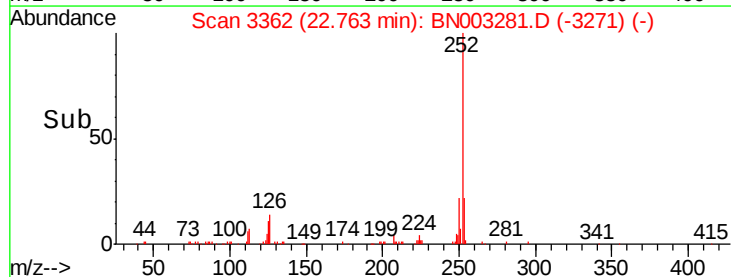
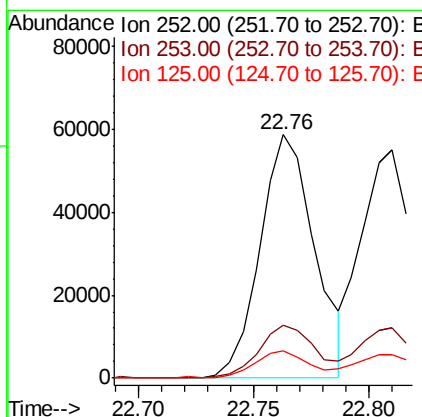
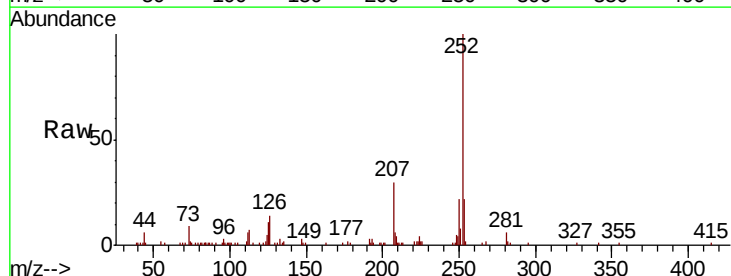
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	22.4	16.6	25.0

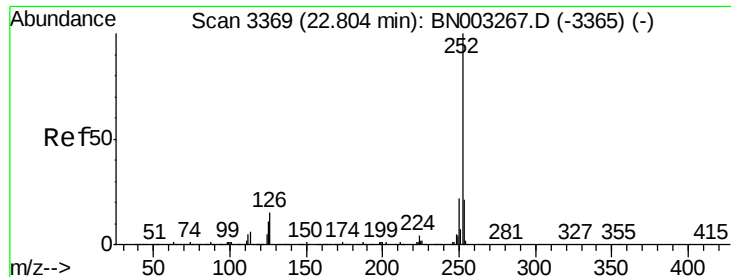


#88
Benzo(b)fluoranthene
Concen: 2.176 ng
RT: 22.76 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion:252 Resp: 96570

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	11.4	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 2.146 ng

RT: 22.81 min Scan# 3370

Delta R.T. 0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

Instrument :

BNA_N

ClientSampleId :

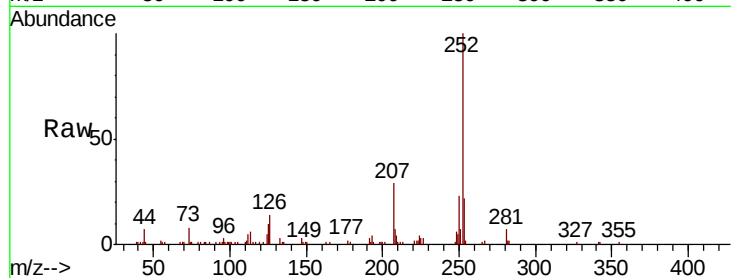
Tot Ion:252 Resp: 93399

Ion Ratio Lower Upper

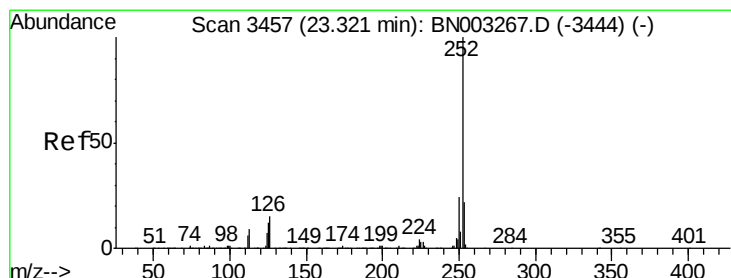
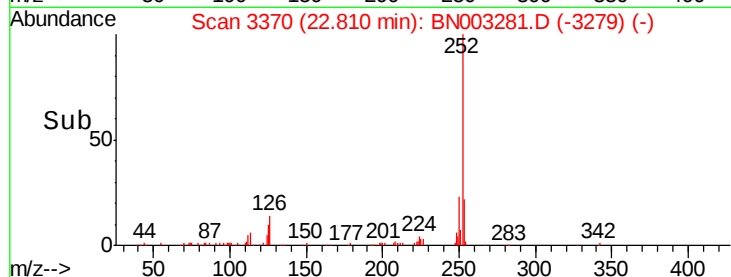
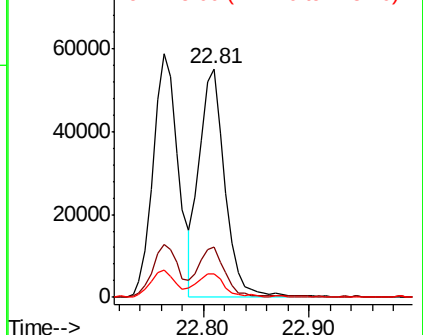
252 100

253 21.9 17.4 26.0

125 10.3 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 2.155 ng

RT: 23.32 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BN003281.D

Acq: 24 Oct 2018 20:52

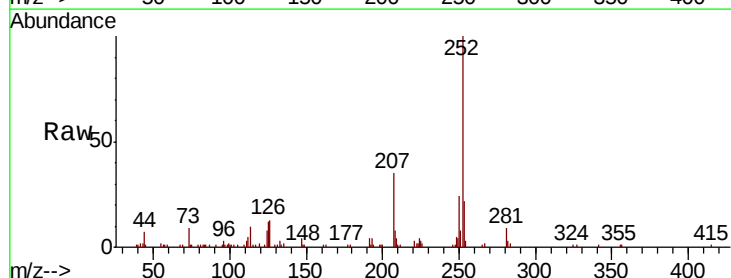
Tgt Ion:252 Resp: 91139

Ion Ratio Lower Upper

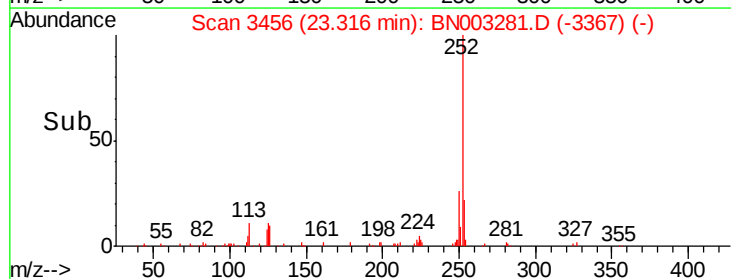
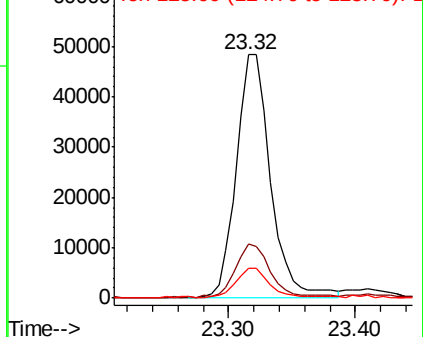
252 100

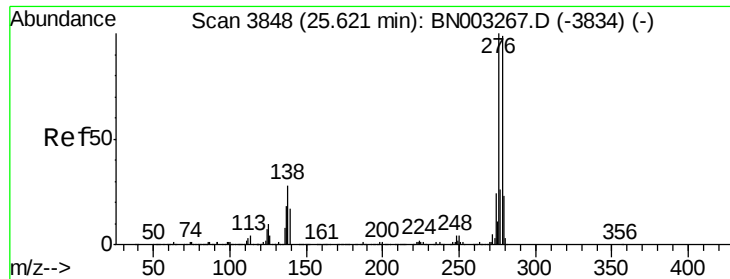
253 22.5 17.8 26.6

125 12.5 9.6 14.4



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

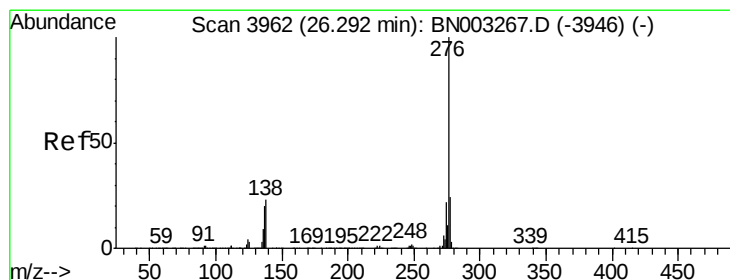
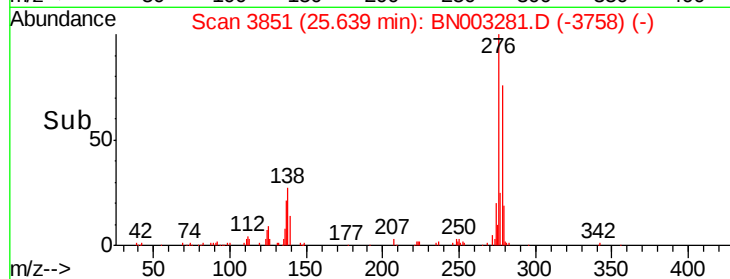
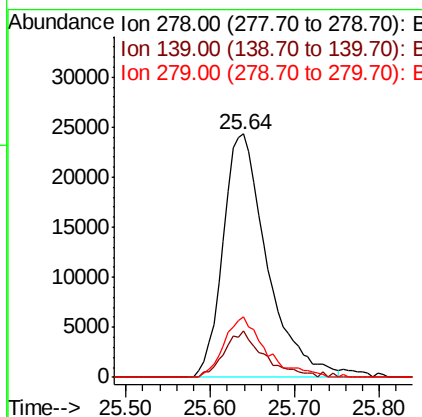
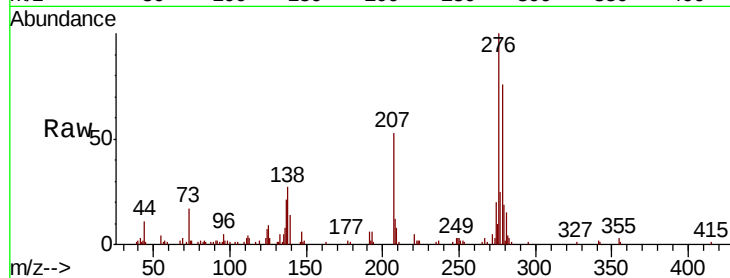




#91
Dibenzo(a,h)anthracene
Concen: 2.096 ng
RT: 25.64 min Scan# 3851
Delta R.T. 0.02 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	13.9	20.9
279	25.0	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 2.098 ng
RT: 26.32 min Scan# 3967
Delta R.T. 0.03 min
Lab File: BN003281.D
Acq: 24 Oct 2018 20:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.1	28.7
138	22.0	18.2	27.4

