

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000714.D
 Acq On : 09 Apr 2018 17:59
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 04:31:30 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 09 13:41:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	180741	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	807563	20.00	ng	0.00
38) Acenaphthene-d10	14.27	164	443245	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	908229	20.00	ng	0.00
75) Chrysene-d12	21.23	240	842741	20.00	ng	0.00
86) Perylene-d12	23.42	264	773062	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	957906	78.26	ng	0.00
7) Phenol-d6	6.82	99	1363342	81.81	ng	0.00
23) Nitrobenzene-d5	8.78	82	1264546	82.86	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	378641	86.89	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2393762	74.43	ng	0.00
78) Terphenyl-d14	19.67	244	2920538	75.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	206876	36.839	ng	96
3) Pyridine	3.63	79	610546	40.283	ng	98
4) n-Nitrosodimethylamine	3.55	42	167021	40.686	ng	# 81
6) Aniline	6.98	93	902708	40.583	ng	94
8) 2-Chlorophenol	7.20	128	504053	39.869	ng	91
9) Benzaldehyde	6.79	77	321550	38.042	ng	95
10) Phenol	6.85	94	712388	40.205	ng	86
11) bis(2-Chloroethyl)ether	7.08	93	579700	39.822	ng	85
12) 1,3-Dichlorobenzene	7.53	146	564547	38.528	ng	99
13) 1,4-Dichlorobenzene	7.67	146	573744	38.651	ng	97
14) 1,2-Dichlorobenzene	7.98	146	555445	38.968	ng	96
15) Benzyl Alcohol	7.88	79	496235	43.720	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.17	45	628307	39.786	ng	80
17) 2-Methylphenol	8.08	107	493446	41.767	ng	96
18) Hexachloroethane	8.70	117	218980	40.024	ng	# 83
19) n-Nitroso-di-n-propylamine	8.45	70	452151	43.409	ng	# 83
20) 3+4-Methylphenols	8.40	107	689321	42.510	ng	93
22) Acetophenone	8.45	105	927188	39.875	ng	# 88
24) Nitrobenzene	8.82	77	673326	40.633	ng	# 96
25) Isophorone	9.35	82	1208524	42.898	ng	99
26) 2-Nitrophenol	9.52	139	273803	41.742	ng	94
27) 2,4-Dimethylphenol	9.59	122	460503	41.214	ng	96
28) bis(2-Chloroethoxy)methane	9.83	93	748667	40.392	ng	97
29) 2,4-Dichlorophenol	10.05	162	450772	41.556	ng	96
30) 1,2,4-Trichlorobenzene	10.27	180	505011	38.647	ng	98
31) Naphthalene	10.45	128	1695782	38.863	ng	98
32) Benzoic acid	9.76	122	411798	41.121	ng	95
33) 4-Chloroaniline	10.56	127	733477	41.358	ng	97
34) Hexachlorobutadiene	10.75	225	271058	38.566	ng	96
35) Caprolactam	11.35	113	168792	47.679	ng	97
36) 4-Chloro-3-methylphenol	11.69	107	565558	43.820	ng	99
37) 2-Methylnaphthalene	12.07	142	1147786	40.196	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.45	216	511178	37.506	ng	# 97
40) Hexachlorocyclopentadiene	12.43	237	299770	39.439	ng	92

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
 Data File : BN000714.D
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 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

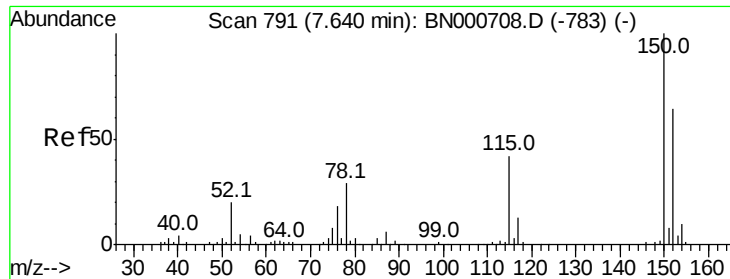
Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 10 04:31:30 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	12.69	196	331234	41.102	ng	100
43) 2,4,5-Trichlorophenol	12.76	196	381451	40.727	ng	# 94
45) 1,1'-Biphenyl	13.10	154	1513479	38.035	ng	96
46) 2-Chloronaphthalene	13.13	162	1134552	37.939	ng	96
47) 2-Nitroaniline	13.34	65	369087	43.517	ng	90
48) Acenaphthylene	13.99	152	1875726	39.806	ng	98
49) Dimethylphthalate	13.74	163	1445101	40.956	ng	99
50) 2,6-Dinitrotoluene	13.85	165	306775	41.988	ng	93
51) Acenaphthene	14.33	154	1122891	38.566	ng	99
52) 3-Nitroaniline	14.17	138	361048	43.149	ng	# 97
53) 2,4-Dinitrophenol	14.37	184	151067	42.509	ng	95
54) Dibenzofuran	14.67	168	1617488	38.643	ng	95
55) 4-Nitrophenol	14.48	139	281549	44.208	ng	86
56) 2,4-Dinitrotoluene	14.64	165	418377	44.103	ng	92
57) Fluorene	15.32	166	1299608	39.312	ng	97
58) 2,3,4,6-Tetrachlorophenol	14.81	232	317260	43.717	ng	93
59) Diethylphthalate	15.12	149	1470443	42.406	ng	98
60) 4-Chlorophenyl-phenylether	15.33	204	594858	38.489	ng	93
61) 4-Nitroaniline	15.35	138	366988	44.997	ng	94
62) Azobenzene	15.62	77	1579556	41.275	ng	89
64) 4,6-Dinitro-2-methylphenol	15.40	198	234670	43.363	ng	88
65) n-Nitrosodiphenylamine	15.54	169	1175807	38.794	ng	97
66) 4-Bromophenyl-phenylether	16.22	248	352906	38.859	ng	# 86
67) Hexachlorobenzene	16.32	284	407729	38.885	ng	# 91
68) Atrazine	16.50	200	370277	44.151	ng	95
69) Pentachlorophenol	16.66	266	283645	41.661	ng	99
70) Phenanthrene	17.06	178	2031270	38.479	ng	99
71) Anthracene	17.15	178	2034607	39.517	ng	99
72) Carbazole	17.42	167	1994849	40.895	ng	97
73) Di-n-butylphthalate	18.01	149	2468199	43.515	ng	99
74) Fluoranthene	19.08	202	2177807	41.217	ng	92
76) Benzidine	19.27	184	1101981	47.835	ng	# 95
77) Pyrene	19.45	202	2298954	38.167	ng	99
79) Butylbenzylphthalate	20.38	149	1079838	41.163	ng	94
80) Benzo(a)anthracene	21.21	228	2073354	39.098	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	700526	43.354	ng	# 96
82) Chrysene	21.26	228	1981828	38.316	ng	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	1644412	43.294	ng	# 94
84) Di-n-octyl phthalate	22.06	149	2427485	45.582	ng	# 93
85) Indeno(1,2,3-cd)pyrene	26.27	276	1414002	32.157	ng	# 91
87) Benzo(b)fluoranthene	22.77	252	1894586	40.383	ng	# 95
88) Benzo(k)fluoranthene	22.82	252	1859922	39.444	ng	# 95
89) Benzo(a)pyrene	23.33	252	1732284	40.420	ng	# 94
90) Dibenzo(a,h)anthracene	25.63	278	1521729	36.020	ng	# 92
91) Benzo(g,h,i)perylene	26.27	276	1414002	34.480	ng	# 89

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

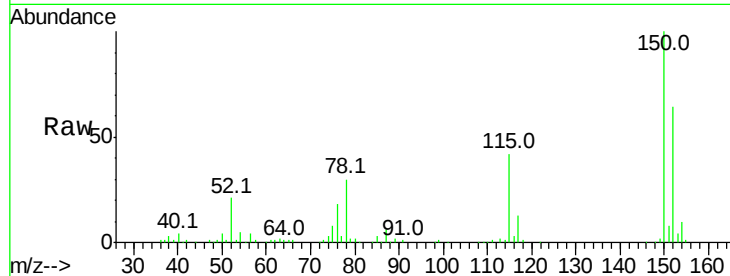


#1

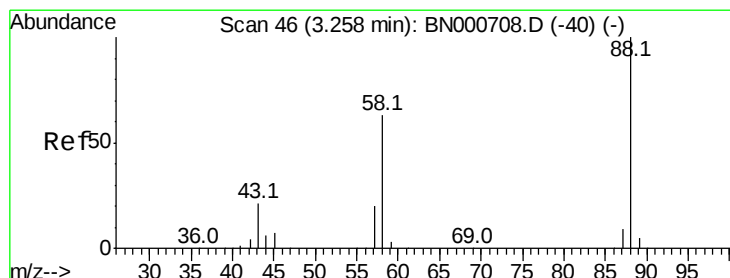
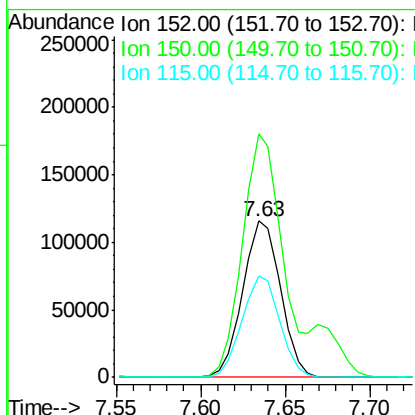
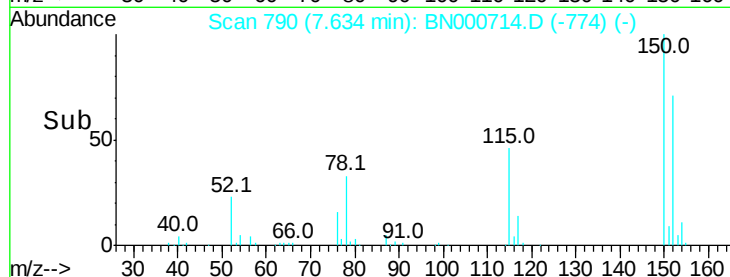
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:152 Resp: 180741
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.6 189.8
 115 65.3 53.0 79.4



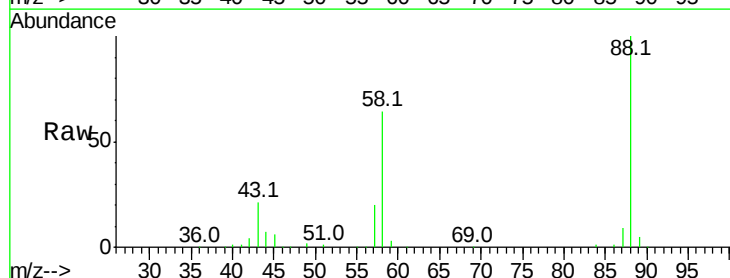
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



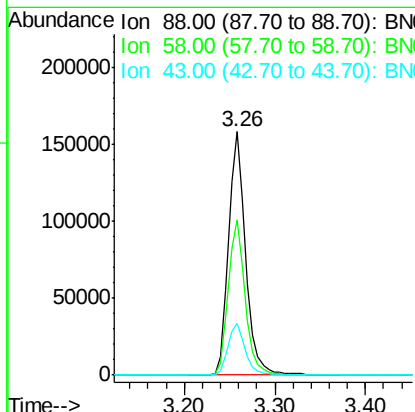
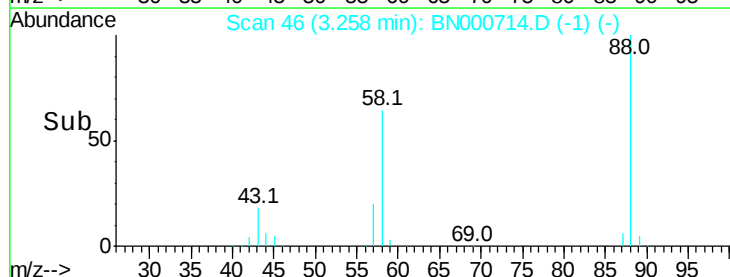
#2

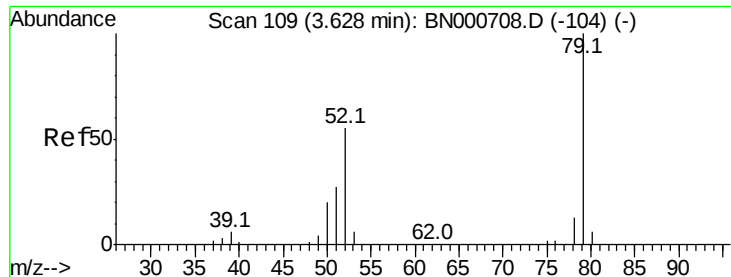
1,4-Dioxane
 Concen: 36.839 ng
 RT: 3.26 min Scan# 46
 Delta R.T. 0.00 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Tgt Ion: 88 Resp: 206876
 Ion Ratio Lower Upper
 88 100
 58 62.9 52.0 78.0
 43 21.1 20.0 30.0



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: 40.283 ng

RT: 3.63 min Scan# 109

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampled :

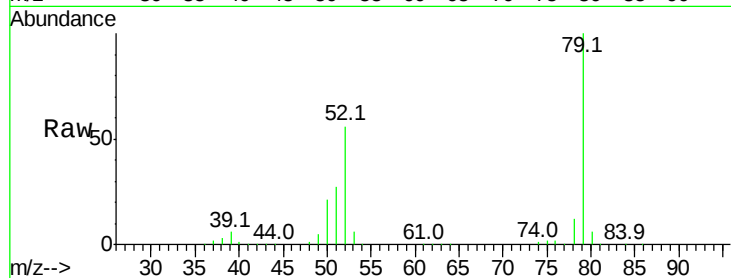
Tot Ion: 79 Resp: 610546

Ion Ratio Lower Upper

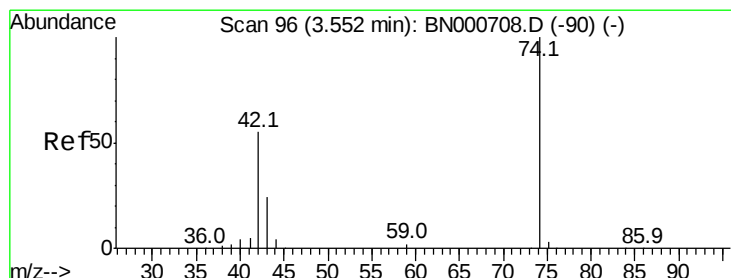
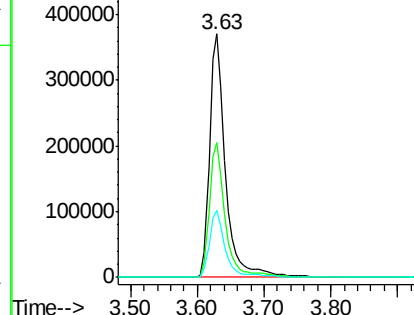
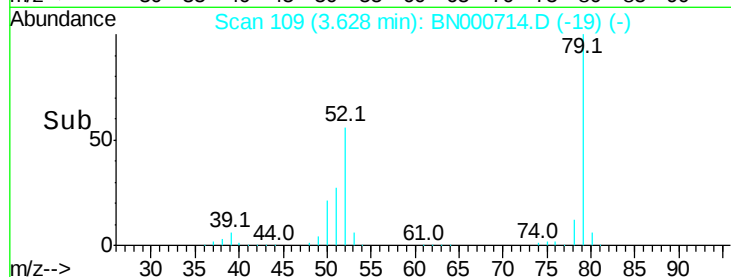
79 100

52 55.6 44.0 66.0

51 27.3 24.0 36.0



Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 52.00 (51.70 to 52.70): BN0
Ion 51.00 (50.70 to 51.70): BN0



#4

n-Nitrosodimethylamine

Concen: 40.686 ng

RT: 3.55 min Scan# 96

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

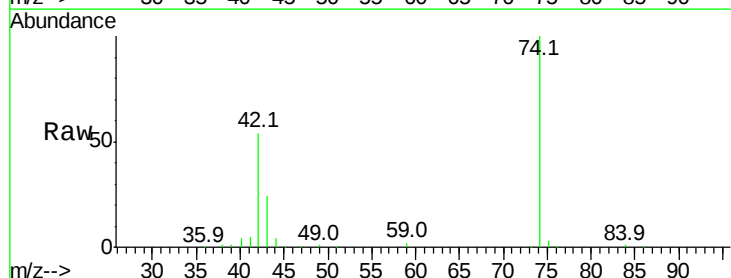
Tgt Ion: 42 Resp: 167021

Ion Ratio Lower Upper

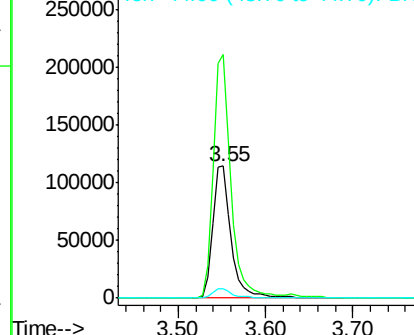
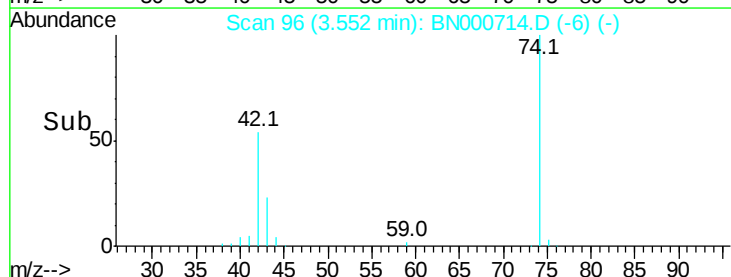
42 100

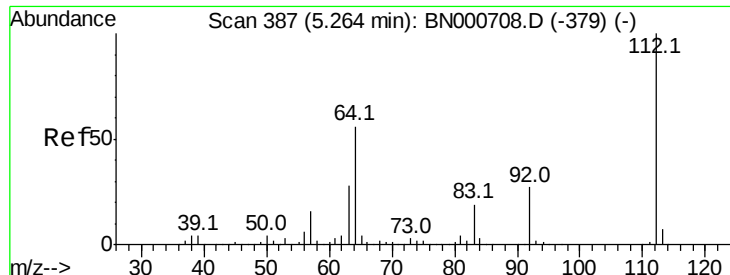
74 184.8 128.0 192.0

44 7.3 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 78.255 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: BN000714.D

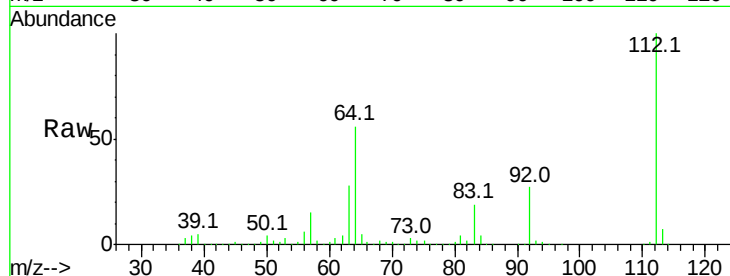
Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampled :

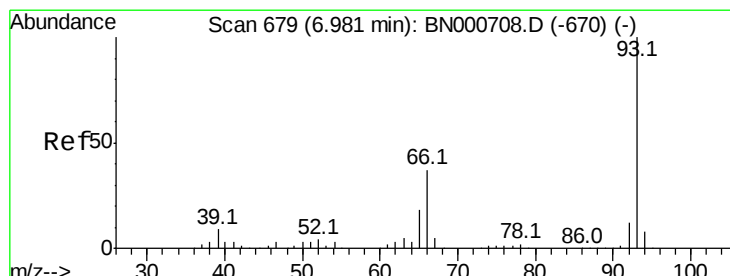
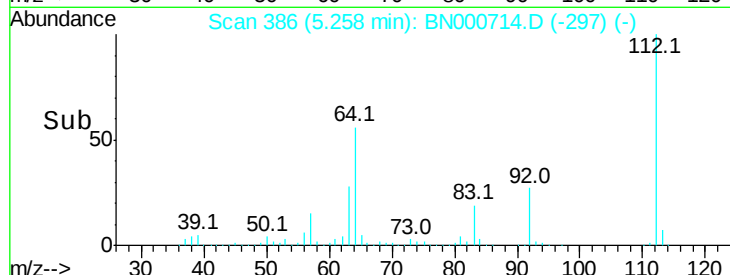
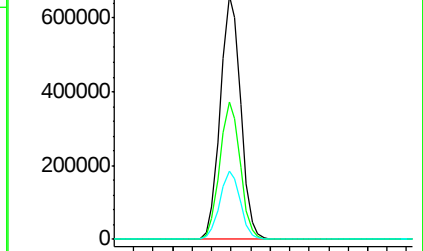
Tot Ion:	112	Resp:	957906
Ion	Ratio	Lower	Upper
112	100		
64	56.3	56.3	84.5
63	28.1	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 40.583 ng

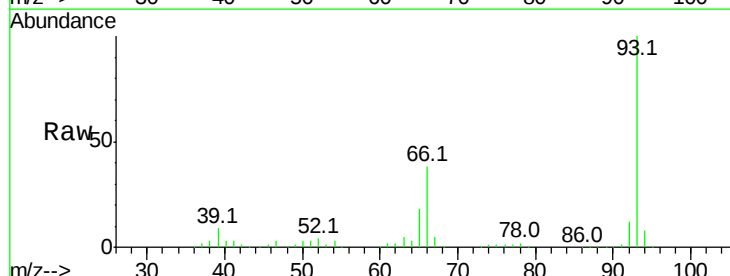
RT: 6.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

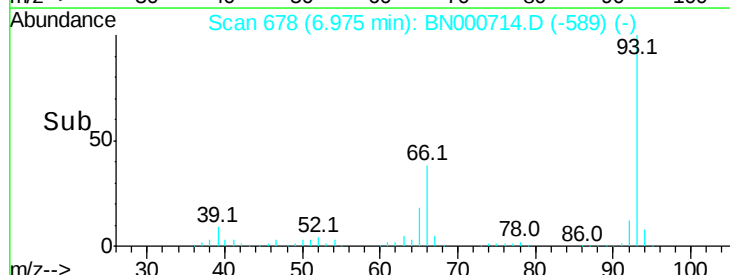
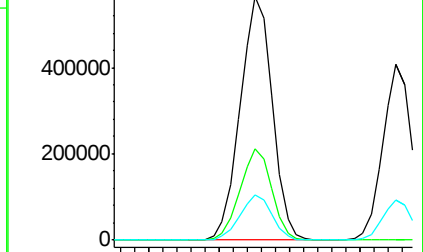
Tgt Ion:	93	Resp:	902708
Ion	Ratio	Lower	Upper
93	100		
66	37.5	33.7	50.5
65	18.4	16.1	24.1

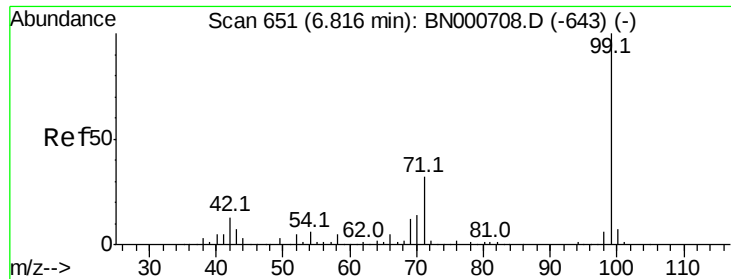


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 81.814 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

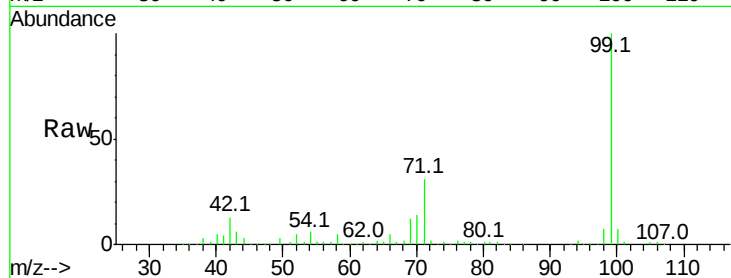
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 1363342

Ion	Ratio	Lower	Upper
99	100		
42	12.7	14.1	21.1#
71	30.8	26.1	39.1

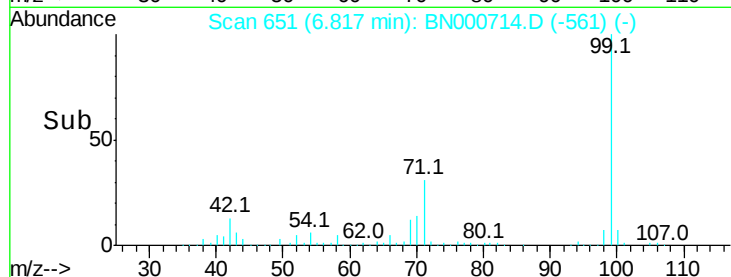


Abundance Ion 99.00 (98.70 to 99.70): BN000708.D (-643) (-)

Ion 42.00 (41.70 to 42.70): BN000708.D (-643) (-)

Ion 71.00 (70.70 to 71.70): BN000708.D (-643) (-)

Time-->

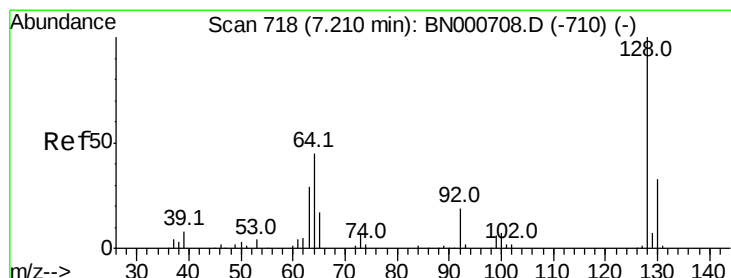


Abundance Ion 99.00 (98.70 to 99.70): BN000714.D (-561) (-)

Ion 42.00 (41.70 to 42.70): BN000714.D (-561) (-)

Ion 71.00 (70.70 to 71.70): BN000714.D (-561) (-)

Time-->



#8

2-Chlorophenol

Concen: 39.869 ng

RT: 7.20 min Scan# 717

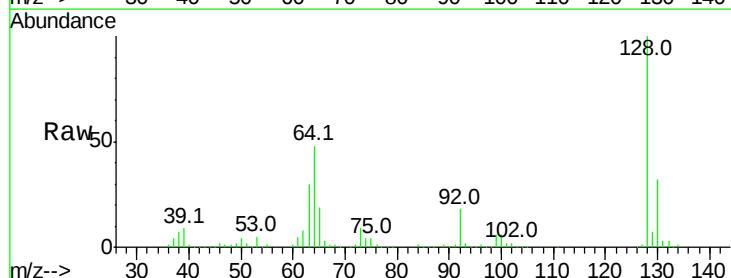
Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Tgt Ion: 128 Resp: 504053

Ion	Ratio	Lower	Upper
128	100		
130	31.9	14.0	54.0
64	48.4	37.7	77.7

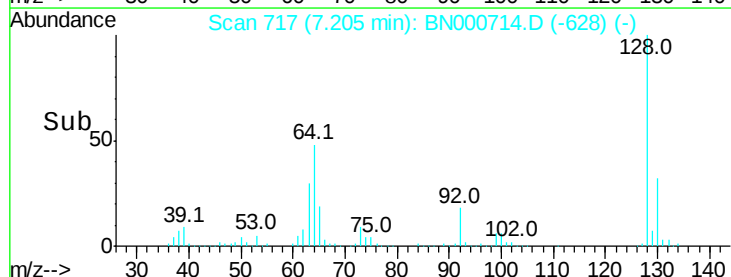


Abundance Ion 128.00 (127.70 to 128.70): BN000708.D (-710) (-)

Ion 130.00 (129.70 to 130.70): BN000708.D (-710) (-)

Ion 64.00 (63.70 to 64.70): BN000708.D (-710) (-)

Time-->

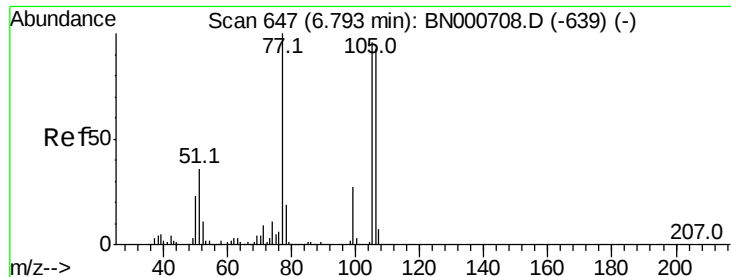


Abundance Ion 128.00 (127.70 to 128.70): BN000714.D (-628) (-)

Ion 130.00 (129.70 to 130.70): BN000714.D (-628) (-)

Ion 64.00 (63.70 to 64.70): BN000714.D (-628) (-)

Time-->



#9

Benzaldehyde

Concen: 38.042 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampled :

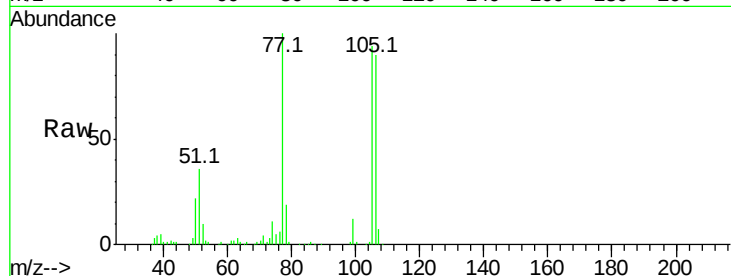
Tot Ion: 77 Resp: 321550

Ion Ratio Lower Upper

77 100

105 94.5 71.3 111.3

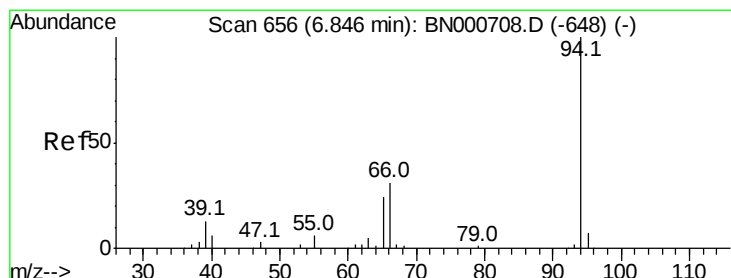
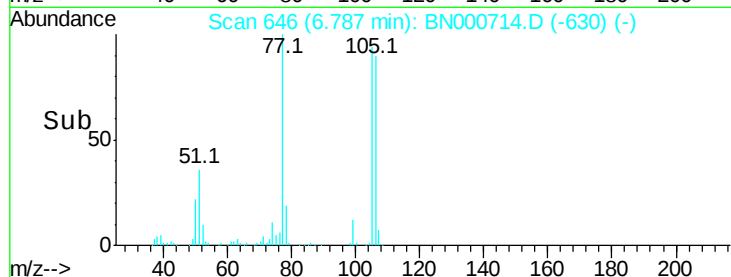
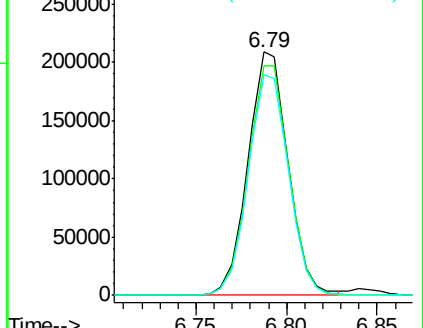
106 90.4 64.2 104.2



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: 40.205 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

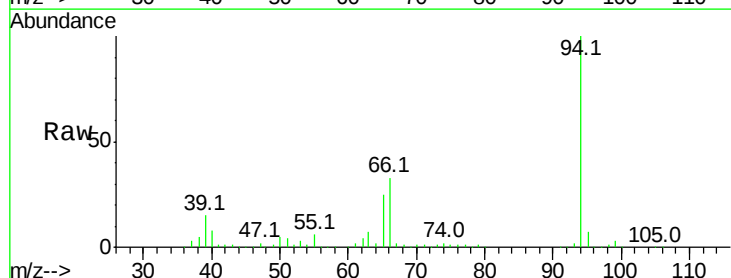
Tgt Ion: 94 Resp: 712388

Ion Ratio Lower Upper

94 100

65 24.6 11.9 51.9

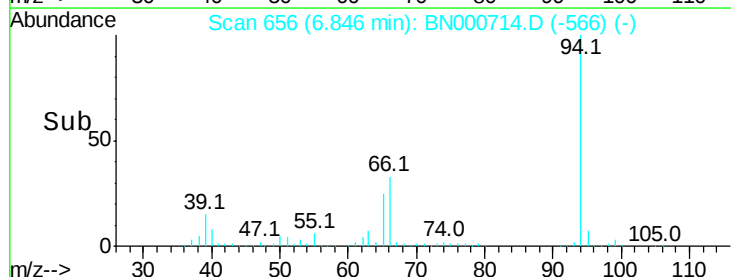
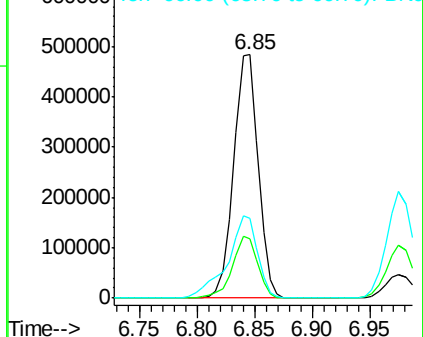
66 32.8 22.2 62.2

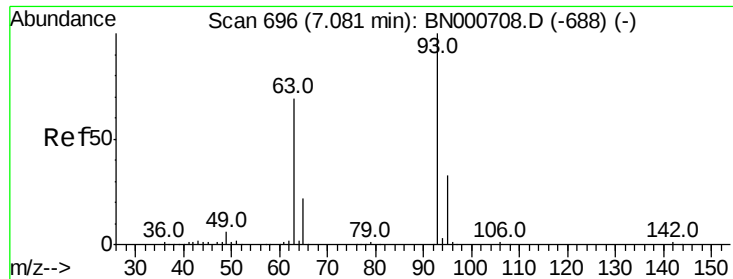


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC





#11

bis(2-Chloroethyl)ether

Concen: 39.822 ng

RT: 7.08 min Scan# 695

Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampled :

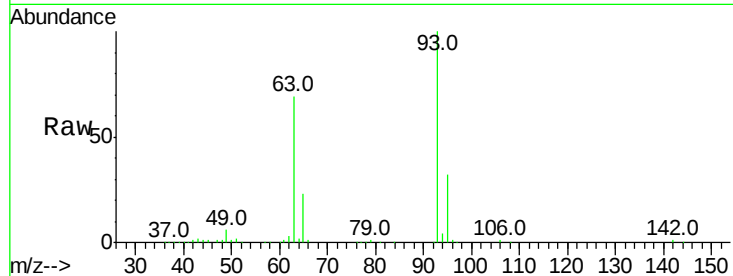
Tot Ion: 93 Resp: 579700

Ion Ratio Lower Upper

93 100

63 68.7 67.1 107.1

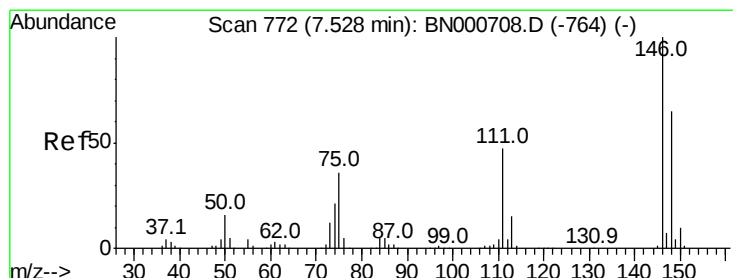
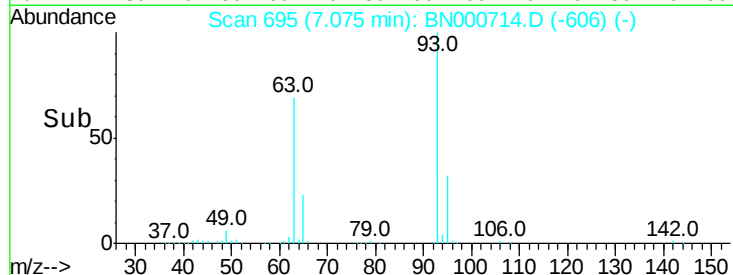
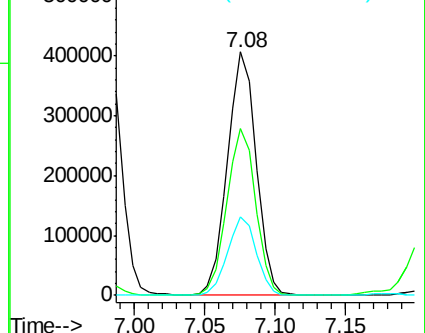
95 32.2 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BN000708.D (-688) (-)

Ion 63.00 (62.70 to 63.70): BN000708.D (-688) (-)

Ion 95.00 (94.70 to 95.70): BN000708.D (-688) (-)



#12

1,3-Dichlorobenzene

Concen: 38.528 ng

RT: 7.53 min Scan# 772

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

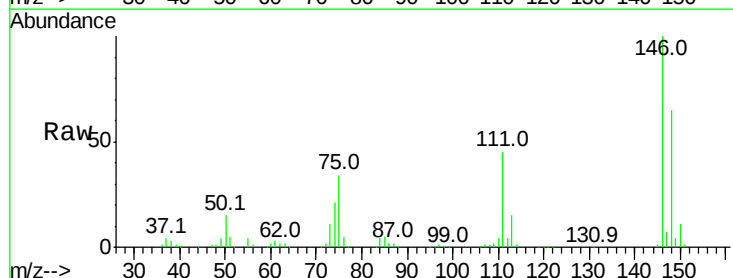
Tgt Ion: 146 Resp: 564547

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

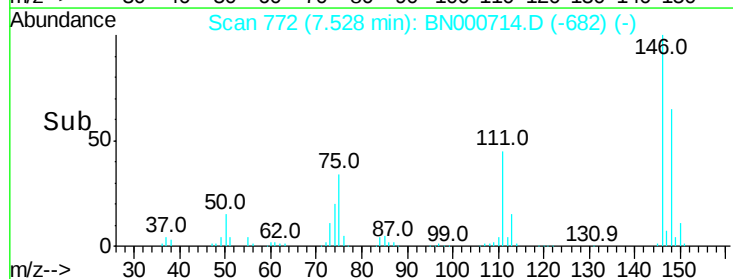
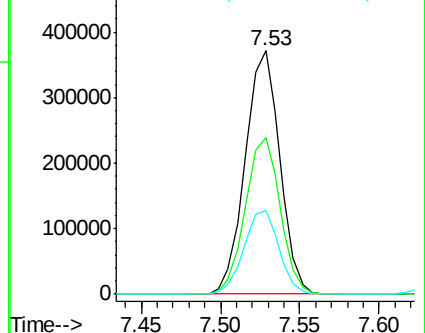
75 34.5 26.6 39.8

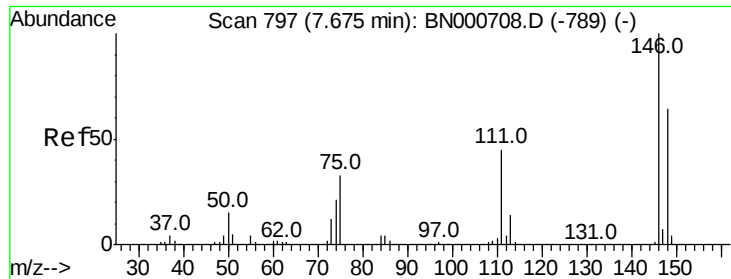


Abundance Ion 146.00 (145.70 to 146.70): BN000708.D (-764) (-)

Ion 148.00 (147.70 to 148.70): BN000708.D (-764) (-)

Ion 75.00 (74.70 to 75.70): BN000708.D (-764) (-)

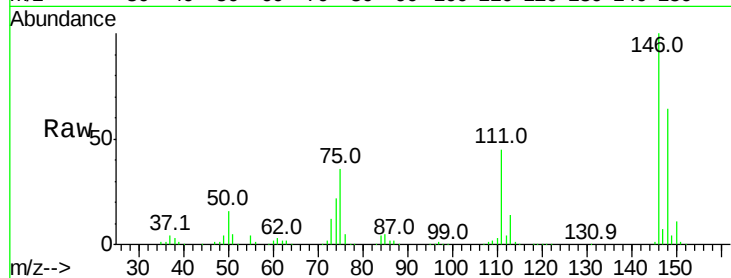




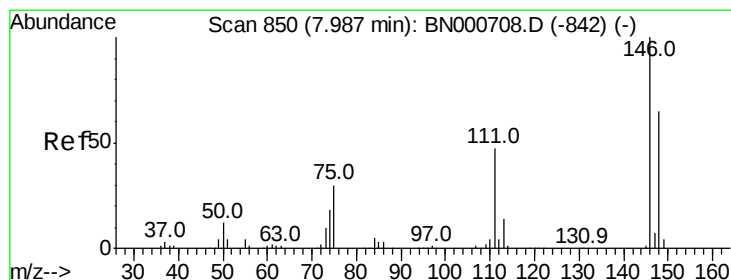
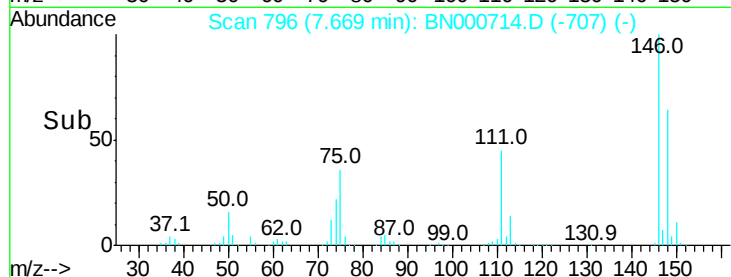
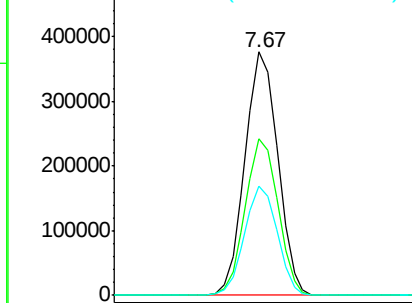
#13
 1,4-Dichlorobenzene
 Concen: 38.651 ng
 RT: 7.67 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:146 Resp: 573744
 Ion Ratio Lower Upper
 146 100
 148 64.2 53.7 80.5
 111 44.9 35.2 52.8

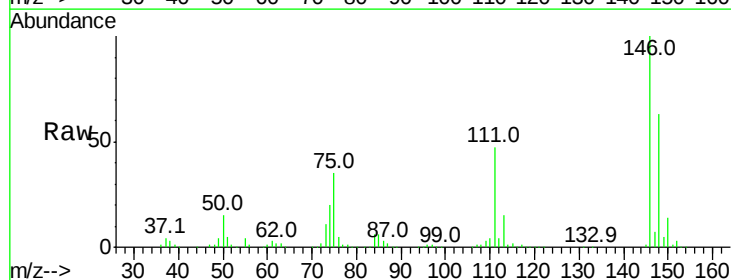


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

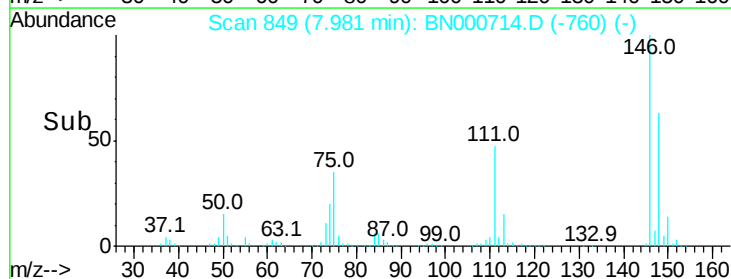
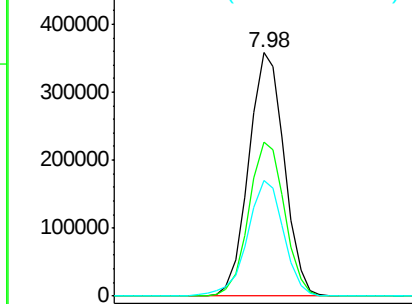


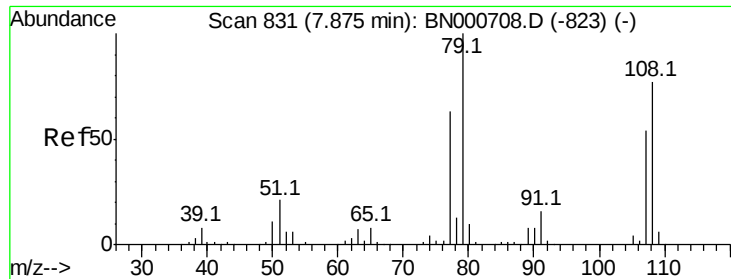
#14
 1,2-Dichlorobenzene
 Concen: 38.968 ng
 RT: 7.98 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Tgt Ion:146 Resp: 555445
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.3 73.9
 111 47.4 34.3 51.5



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

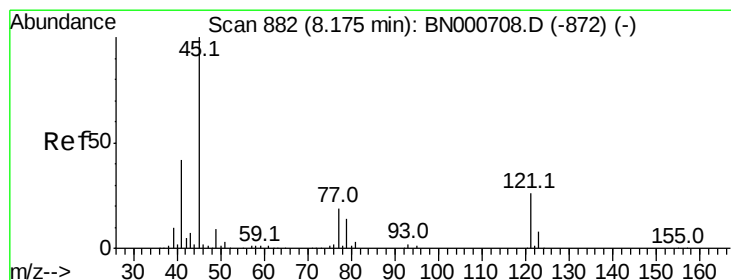
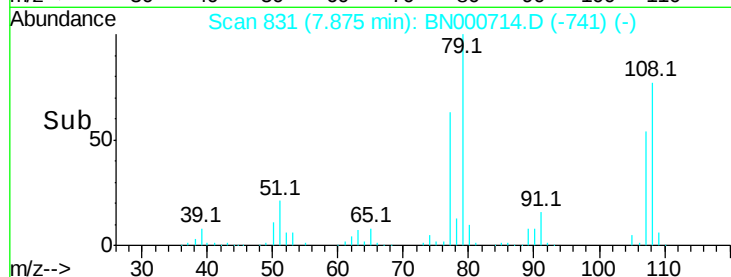
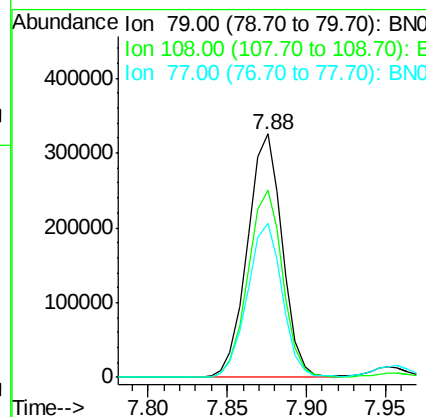
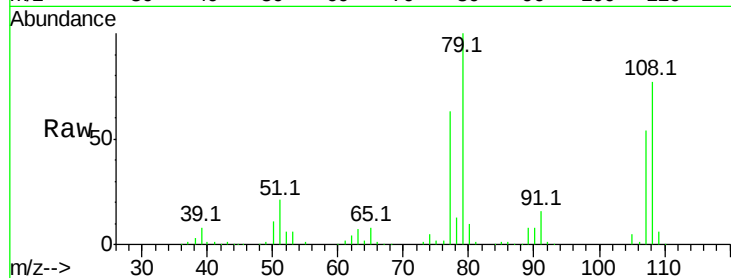




#15
Benzyl Alcohol
Concen: 43.720 ng
RT: 7.88 min Scan# 831
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

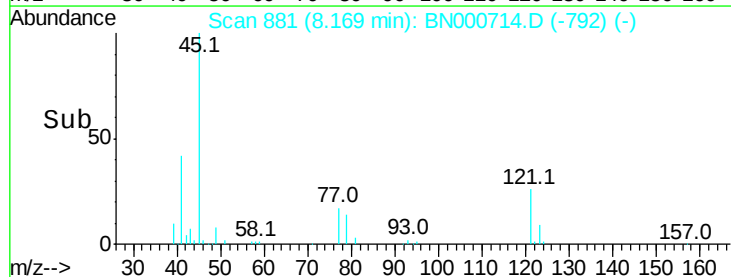
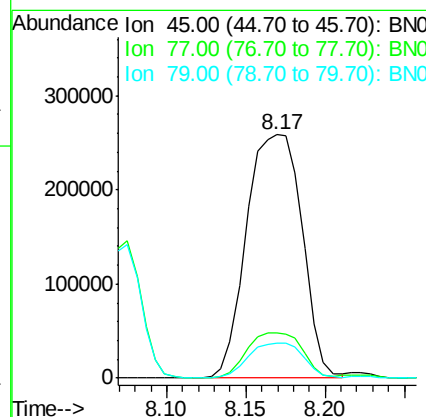
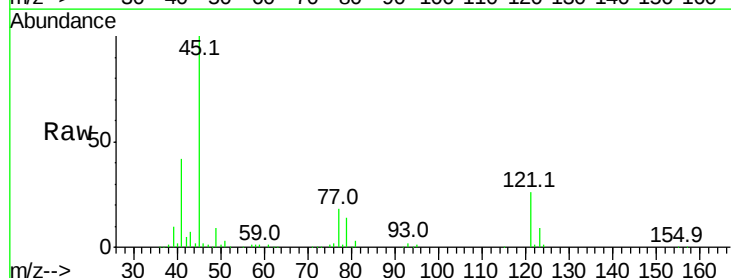
Instrument :
BNA_N
ClientSampleId :

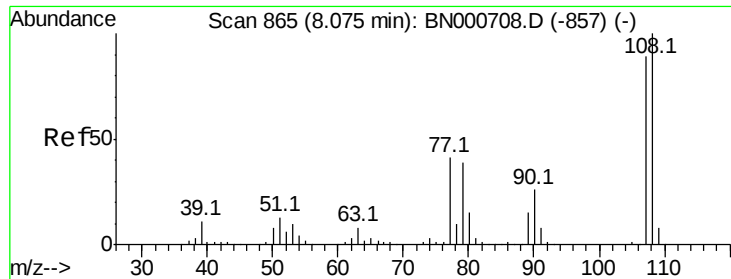
Tot Ion: 79 Resp: 496235
Ion Ratio Lower Upper
79 100
108 77.0 57.2 85.8
77 63.1 46.1 69.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.786 ng
RT: 8.17 min Scan# 881
Delta R.T. -0.01 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Tgt Ion: 45 Resp: 628307
Ion Ratio Lower Upper
45 100
77 18.5 0.0 30.2
79 14.3 0.0 27.9

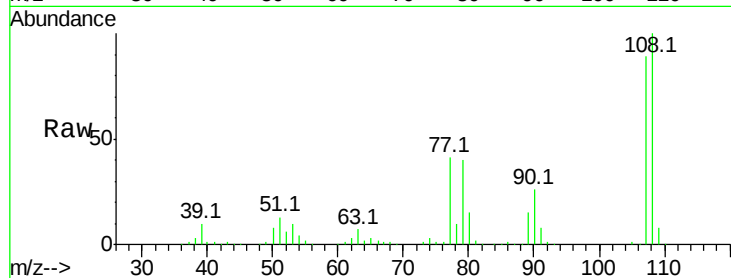




#17
2-Methylphenol
Concen: 41.767 ng
RT: 8.08 min Scan# 865
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	83.9	125.9
77	45.4	37.2	55.8
79	44.2	36.2	54.2



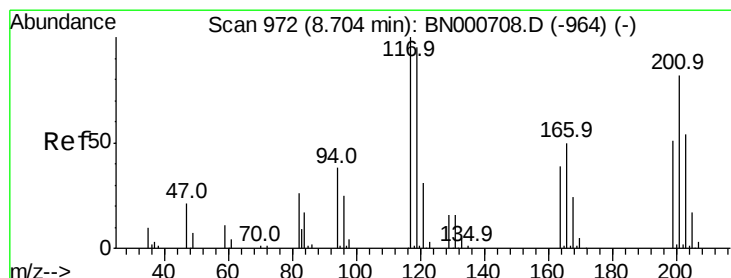
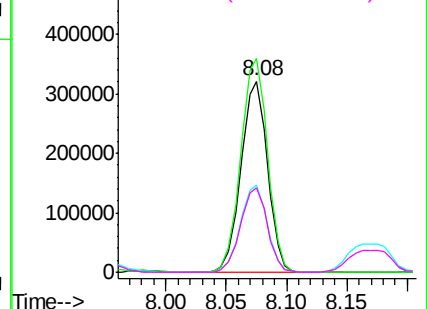
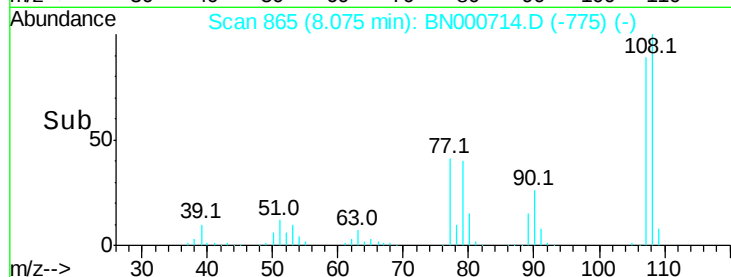
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

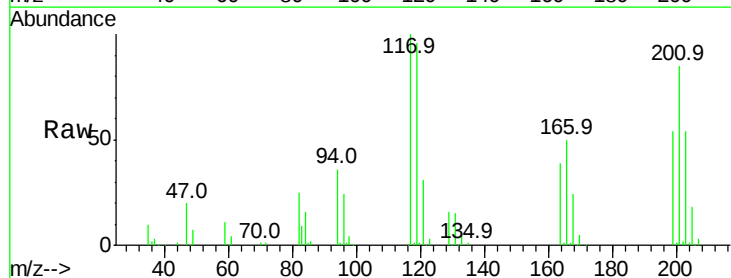
Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18
Hexachloroethane
Concen: 40.024 ng
RT: 8.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.7	115.1
201	85.2	95.7	143.5#

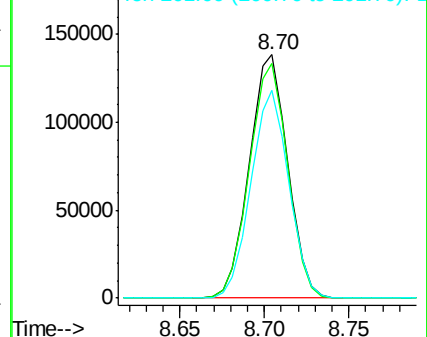
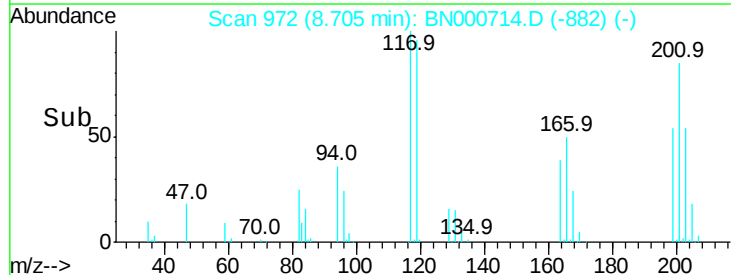


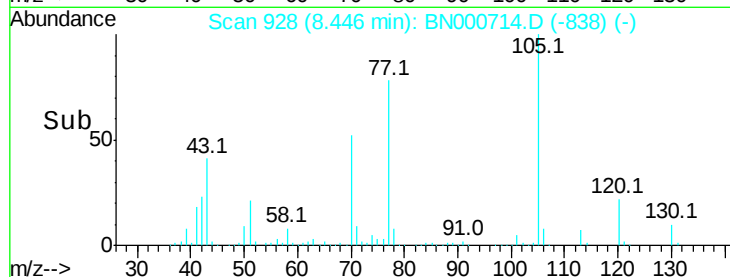
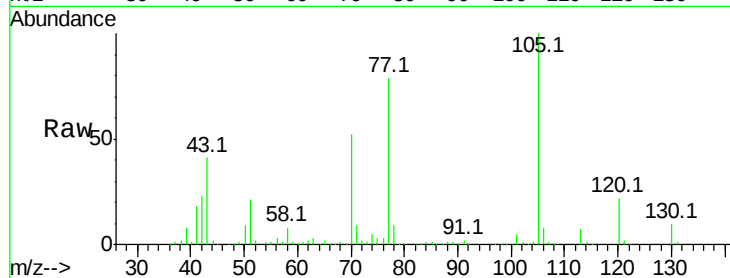
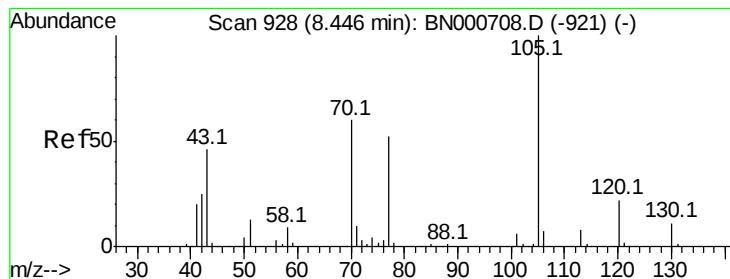
Abundance

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: 43.409 ng

RT: 8.45 min Scan# 928

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 452151

Ion Ratio Lower Upper

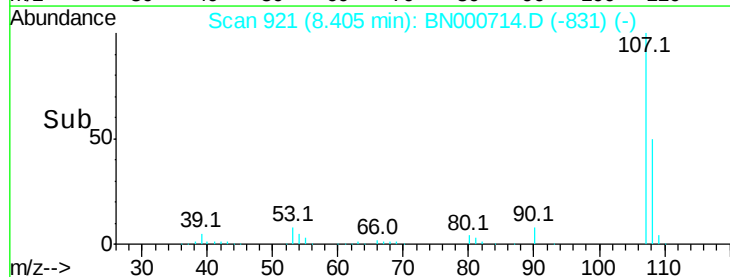
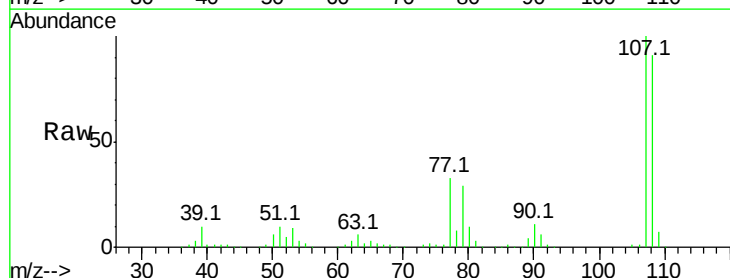
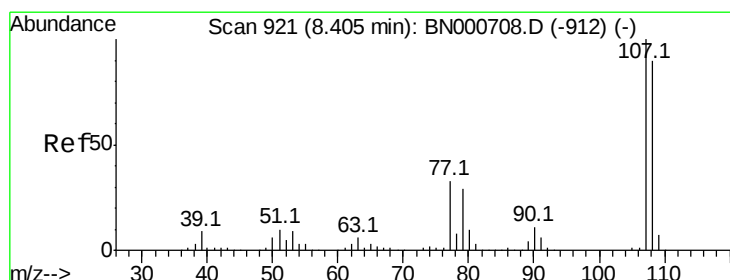
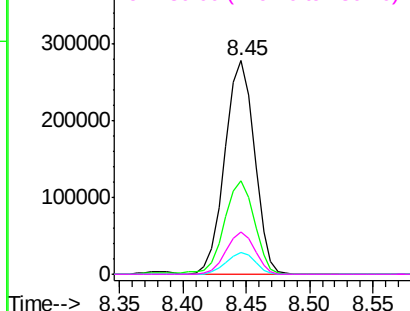
70 100

42 43.7 49.1 73.7#

101 9.9 8.5 12.7

130 19.7 13.4 20.0

Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.510 ng

RT: 8.40 min Scan# 921

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Tgt Ion:107 Resp: 689321

Ion Ratio Lower Upper

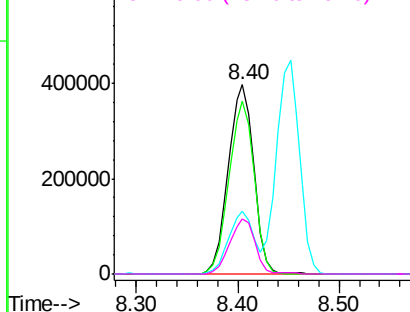
107 100

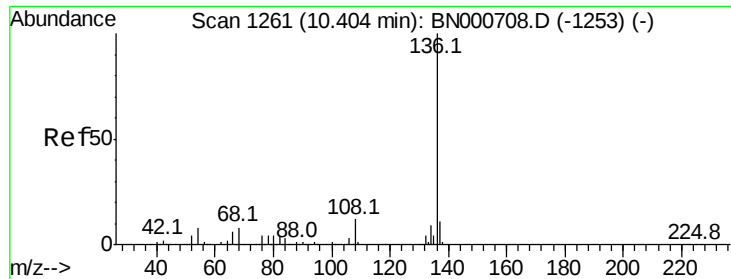
108 91.2 61.6 101.6

77 32.8 13.9 53.9

79 29.1 8.8 48.8

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): BN0
Ion 79.00 (78.70 to 79.70): BN0

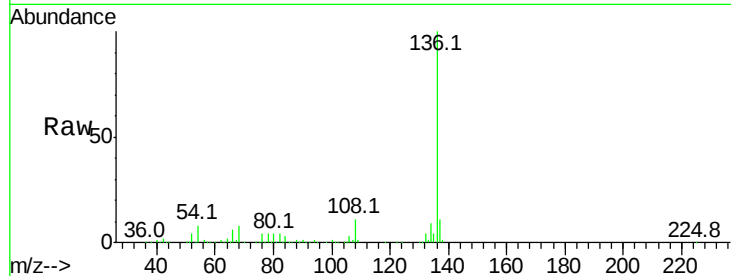




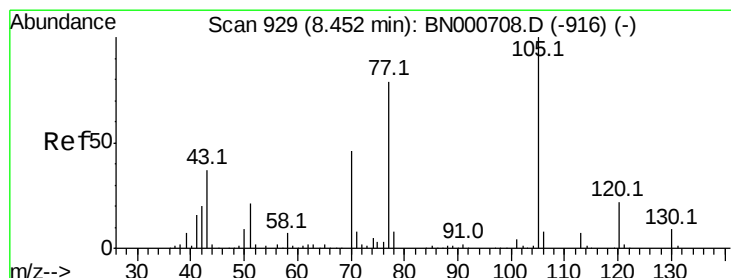
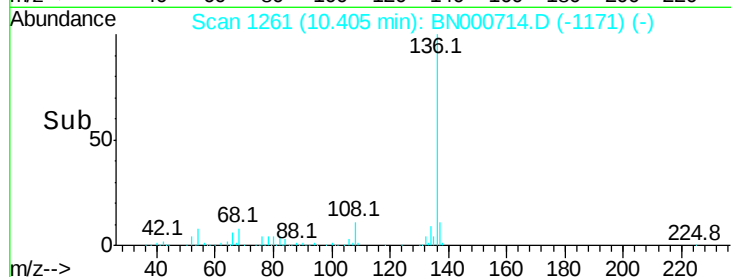
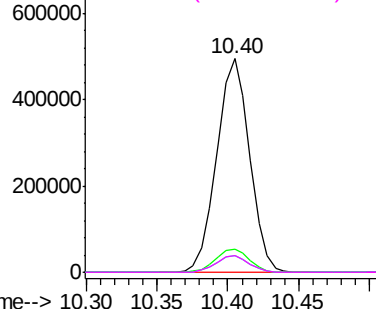
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	807563
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.2 13.8
54	7.9	10.3 15.5#
68	7.5	4.5 6.7#

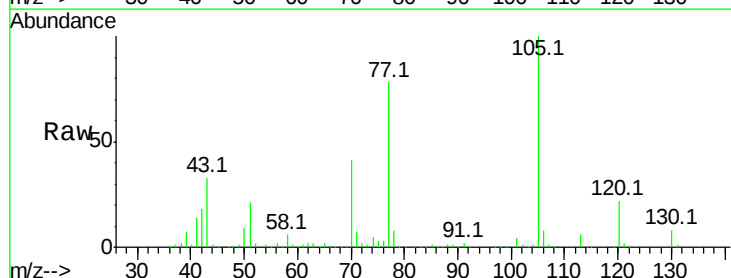


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

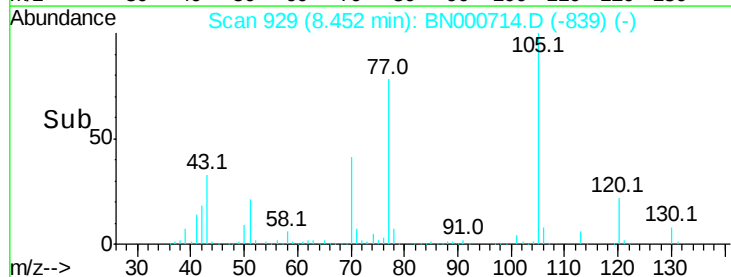
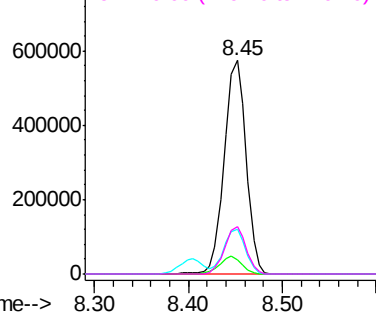


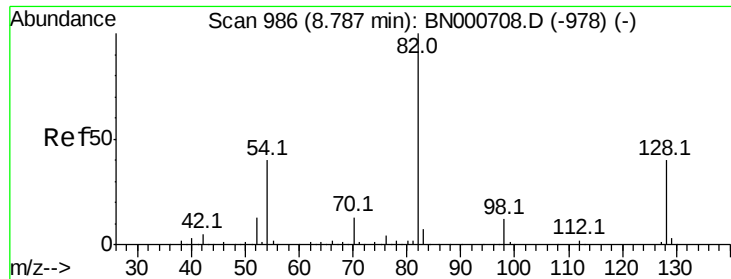
#22
Acetophenone
Concen: 39.875 ng
RT: 8.45 min Scan# 929
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Tgt Ion:105	Resp:	927188
Ion	Ratio	Lower Upper
105	100	
71	6.7	3.0 4.4#
51	21.1	26.1 39.1#
120	22.3	17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BNC
Ion 51.00 (50.70 to 51.70): BNC
Ion 120.00 (119.70 to 120.70): E

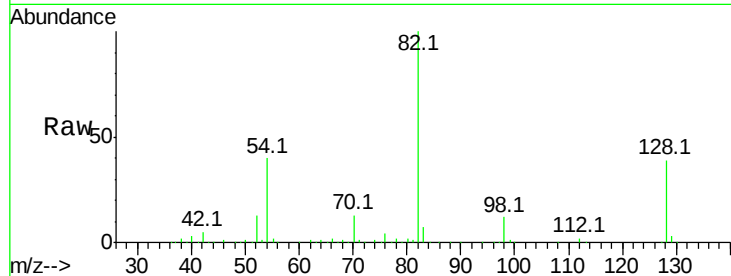




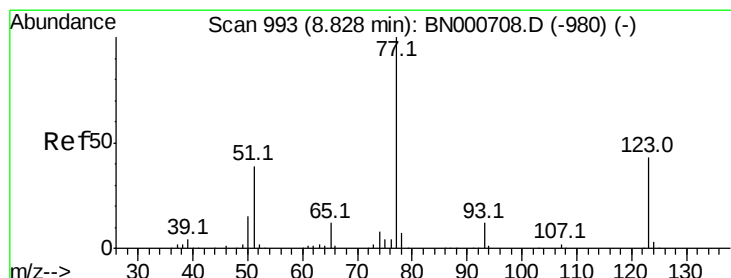
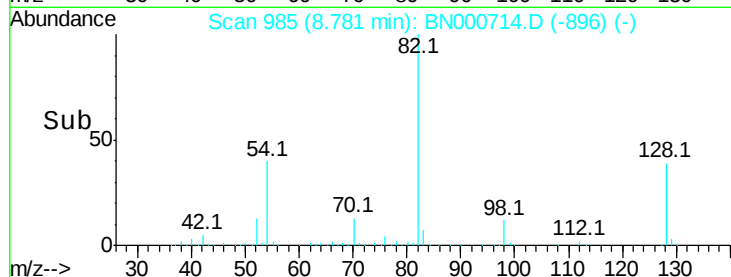
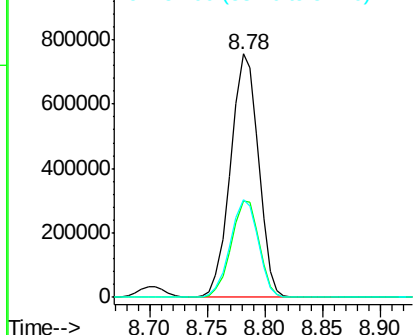
#23
 Nitrobenzene-d5
 Concen: 82.863 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 82 Resp: 1264546
 Ion Ratio Lower Upper
 82 100
 128 39.4 29.7 44.5
 54 40.0 43.1 64.7#

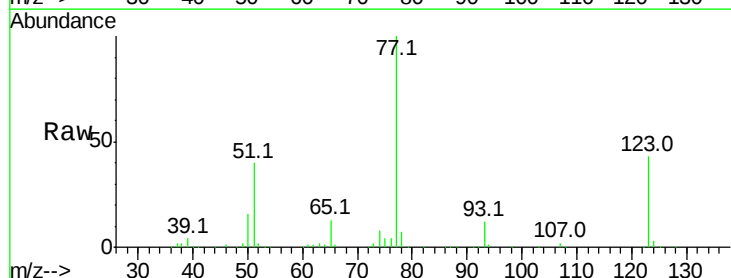


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BN0

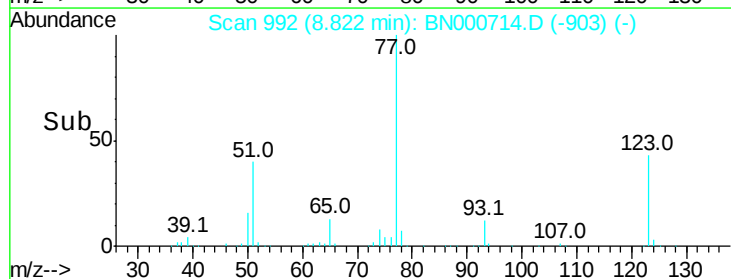
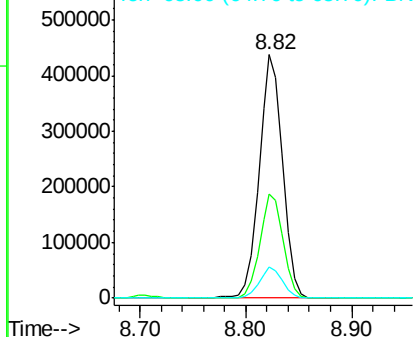


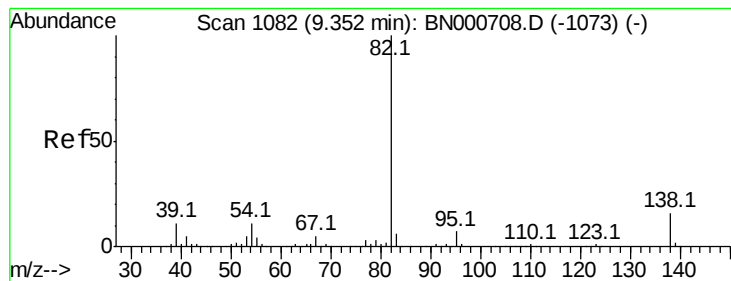
#24
 Nitrobenzene
 Concen: 40.633 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Tgt Ion: 77 Resp: 673326
 Ion Ratio Lower Upper
 77 100
 123 42.8 33.0 49.6
 65 12.6 13.0 19.6#



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





#25

Isophorone

Concen: 42.898 ng

RT: 9.35 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampleId :

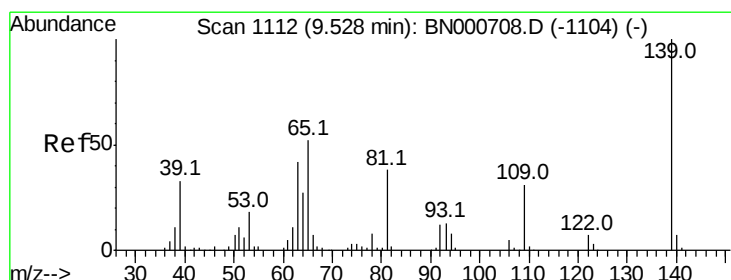
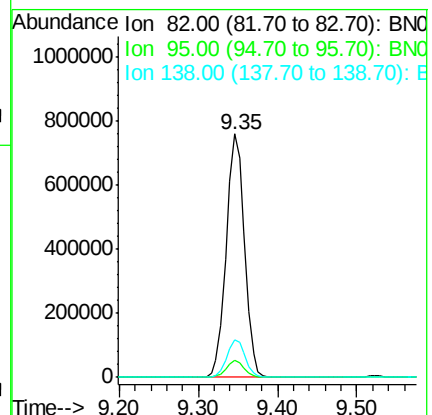
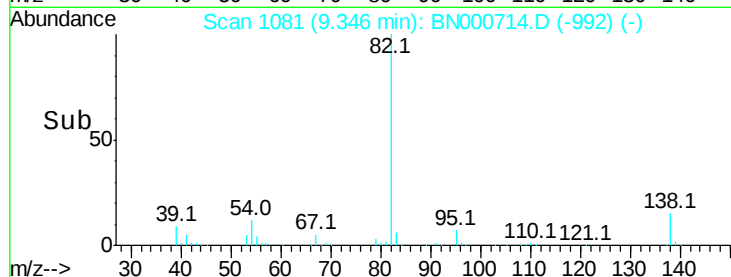
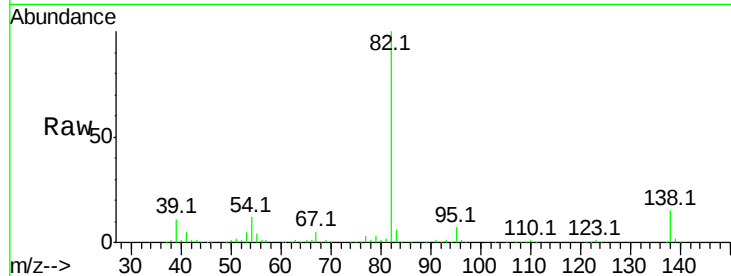
Tot Ion: 82 Resp: 1208524

Ion Ratio Lower Upper

82 100

95 6.8 6.2 9.2

138 15.5 12.1 18.1



#26

2-Nitrophenol

Concen: 41.742 ng

RT: 9.52 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

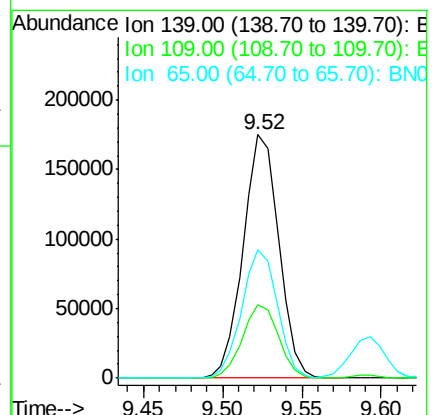
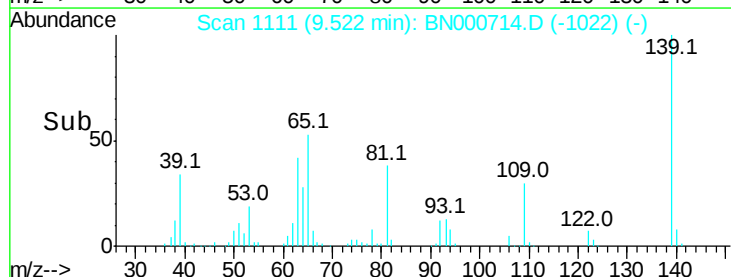
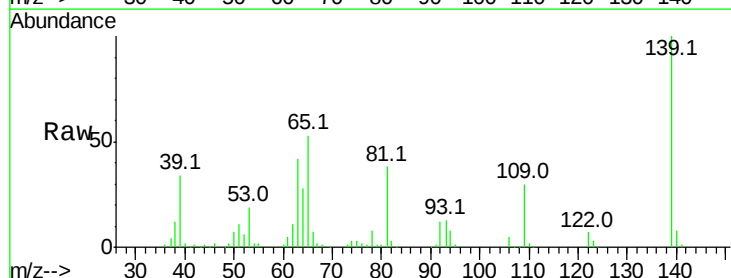
Tgt Ion:139 Resp: 273803

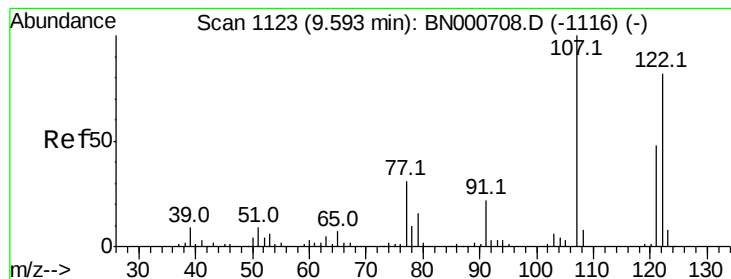
Ion Ratio Lower Upper

139 100

109 30.4 24.2 36.2

65 52.8 47.4 71.0

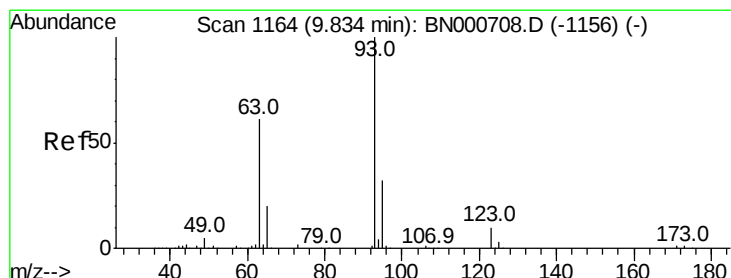
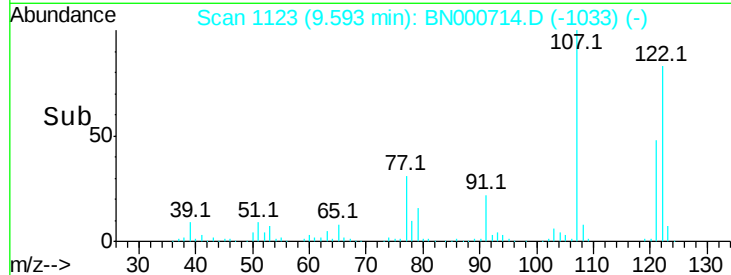
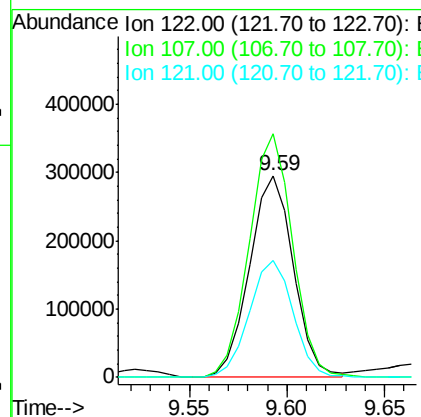
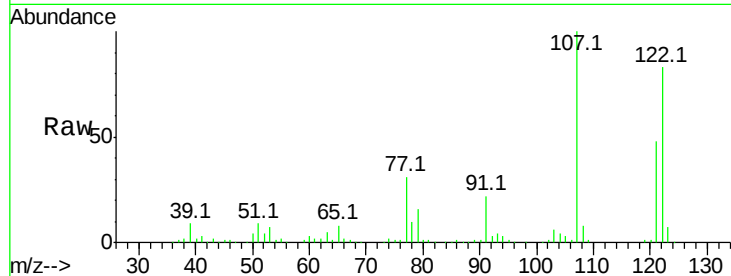




#27
 2,4-Dimethylphenol
 Concen: 41.214 ng
 RT: 9.59 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

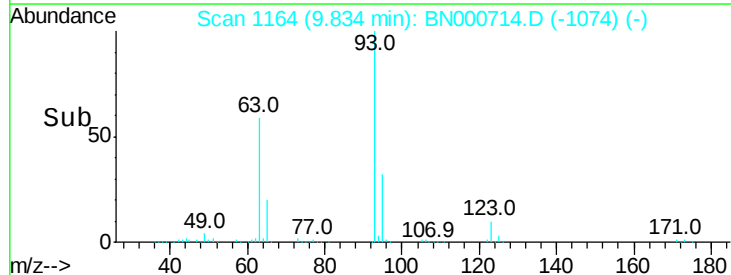
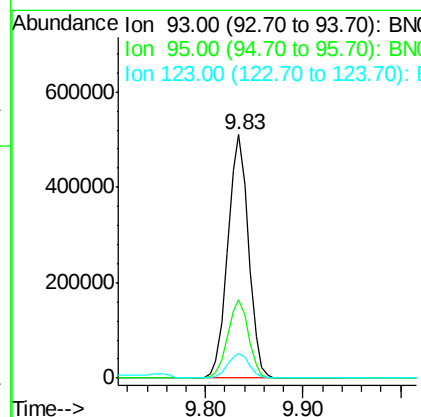
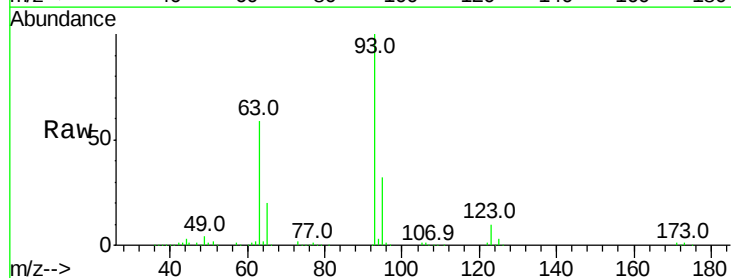
Instrument :
 BNA_N
 ClientSampleId :

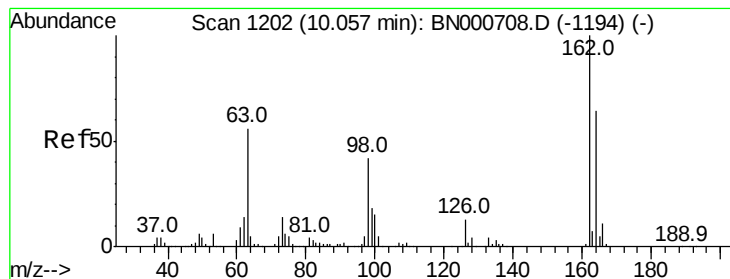
Tot Ion:122 Resp: 460503
 Ion Ratio Lower Upper
 122 100
 107 120.9 100.2 150.2
 121 58.3 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.392 ng
 RT: 9.83 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Tgt Ion: 93 Resp: 748667
 Ion Ratio Lower Upper
 93 100
 95 32.5 24.3 36.5
 123 10.4 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 41.556 ng

RT: 10.05 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampleId :

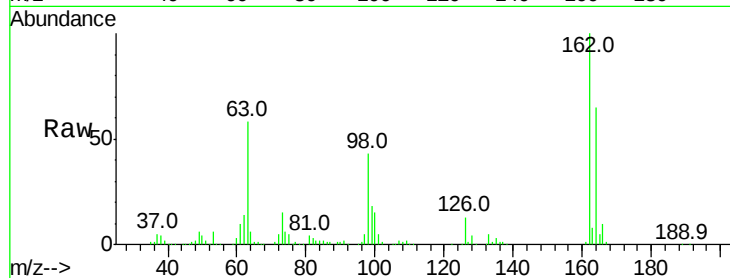
Tot Ion:162 Resp: 450772

Ion Ratio Lower Upper

162 100

164 64.8 48.0 88.0

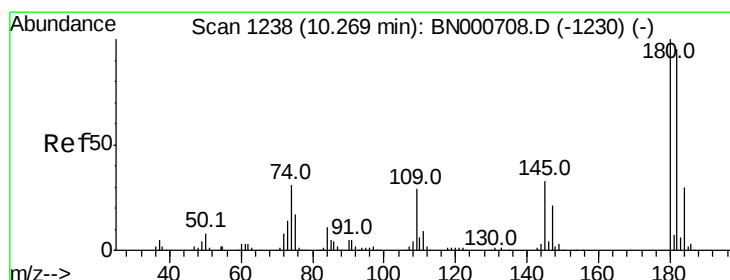
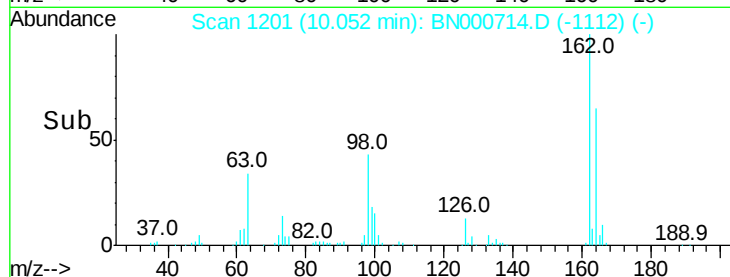
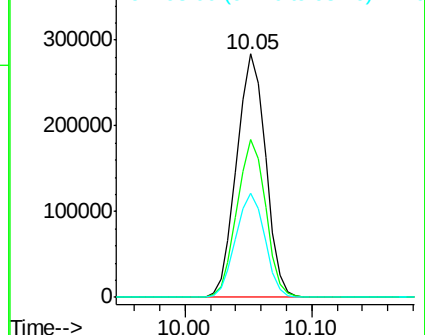
98 42.8 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#30

1,2,4-Trichlorobenzene

Concen: 38.647 ng

RT: 10.27 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

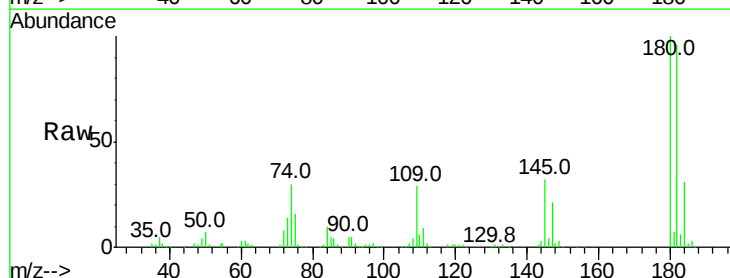
Tgt Ion:180 Resp: 505011

Ion Ratio Lower Upper

180 100

182 95.9 77.5 116.3

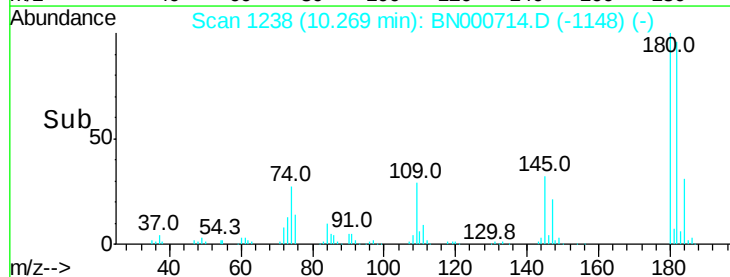
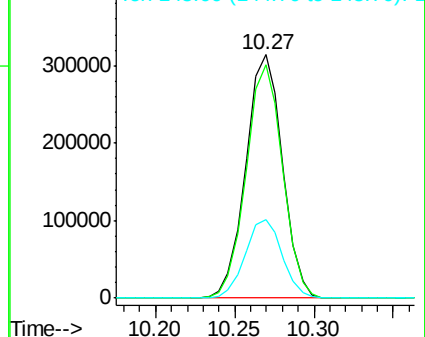
145 32.4 23.4 35.2

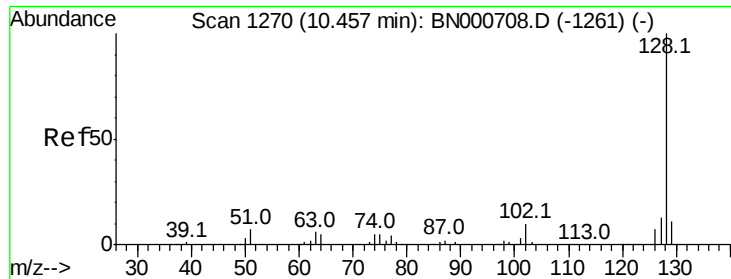


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

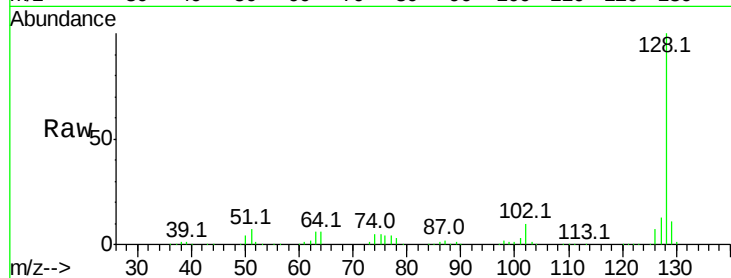




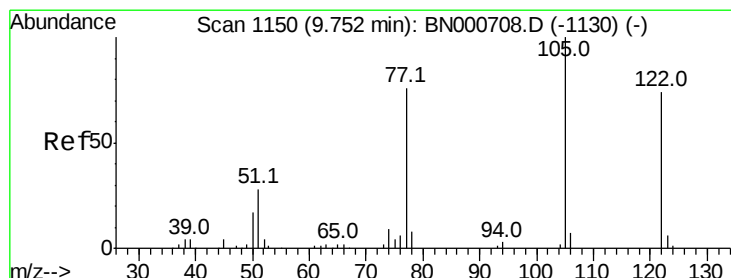
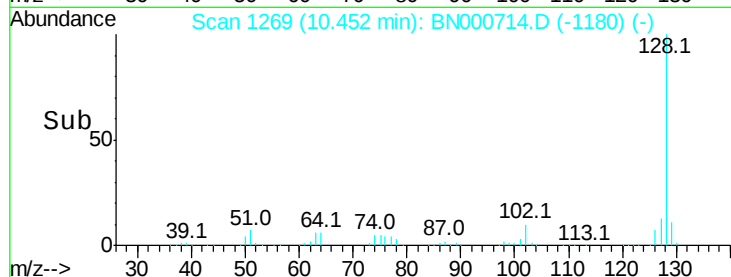
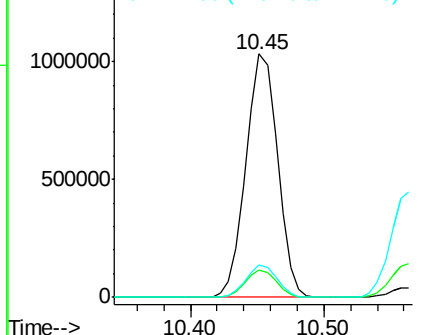
#31
Naphthalene
Concen: 38.863 ng
RT: 10.45 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 1695782
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.3 11.6 17.4

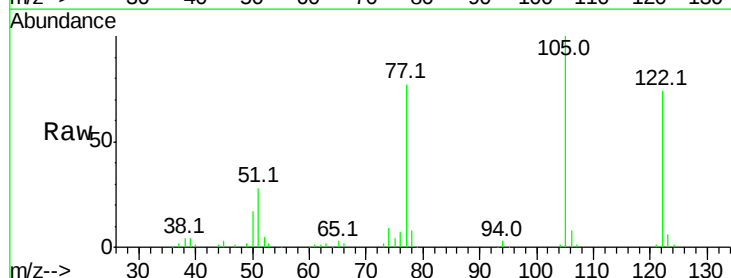


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

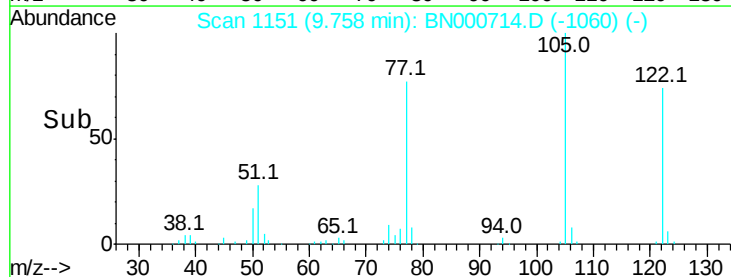
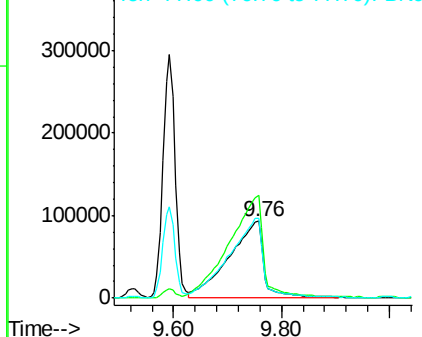


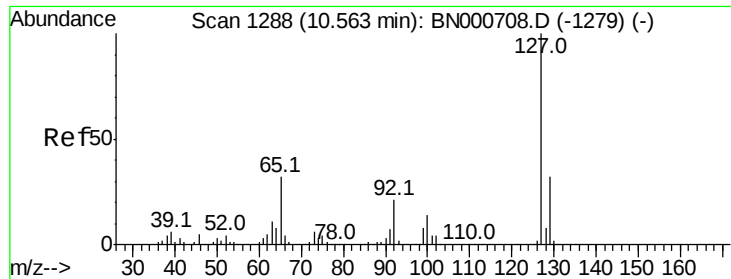
#32
Benzoic acid
Concen: 41.121 ng
RT: 9.76 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Tgt Ion:122 Resp: 411798
Ion Ratio Lower Upper
122 100
105 134.7 123.5 163.5
77 103.6 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNC

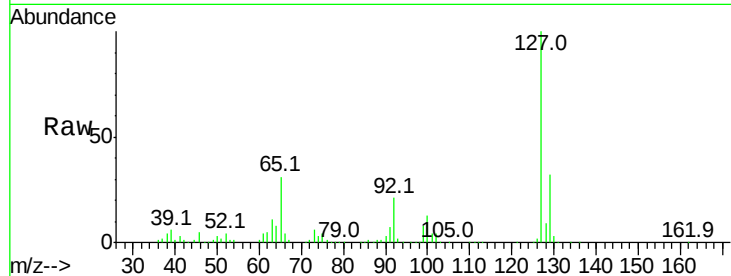




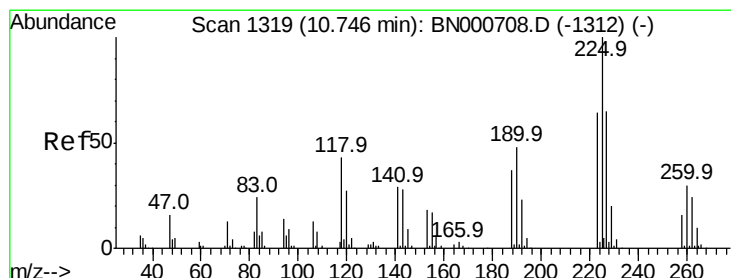
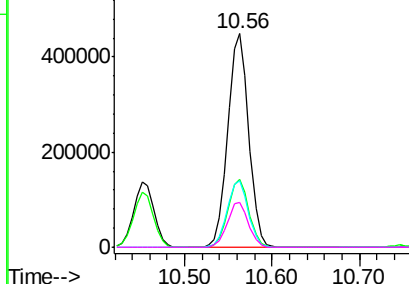
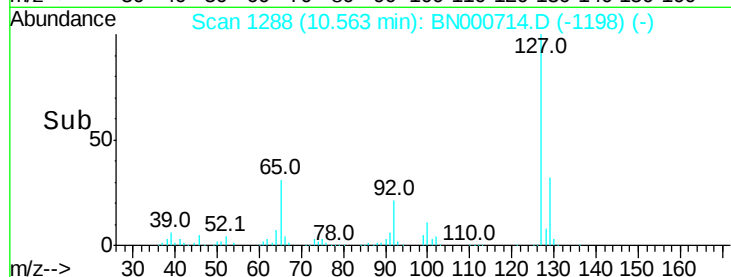
#33
4-Chloroaniline
Concen: 41.358 ng
RT: 10.56 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	733477
Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.0	36.0
65	31.2	27.0	40.4
92	21.2	16.6	25.0

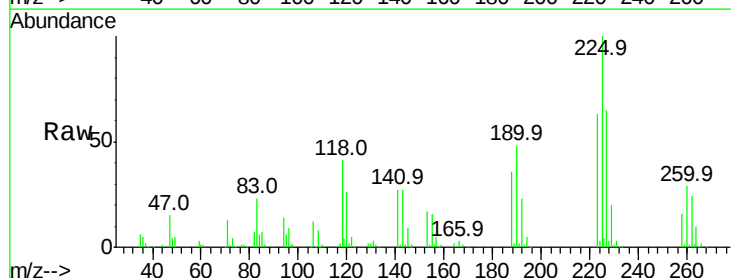


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

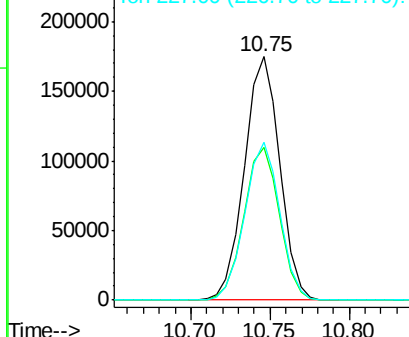
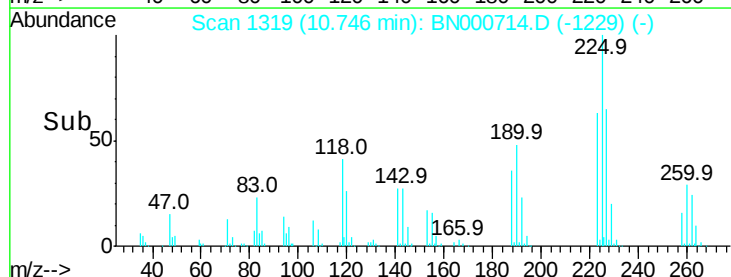


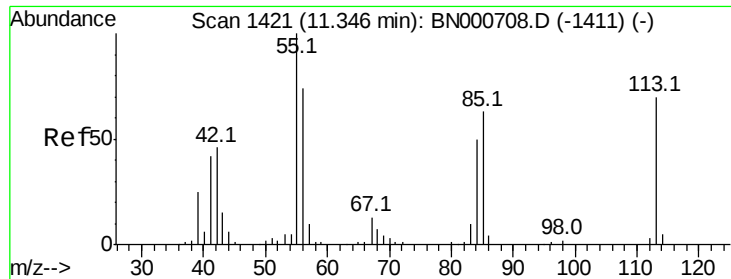
#34
Hexachlorobutadiene
Concen: 38.566 ng
RT: 10.75 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Tgt Ion:	225	Resp:	271058
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	64.9	48.1	72.1



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

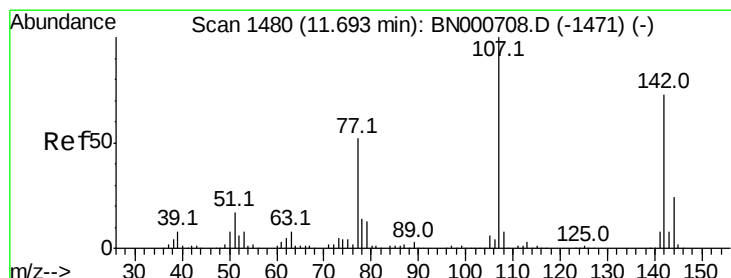
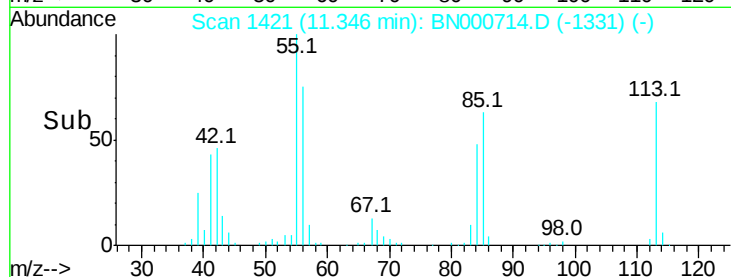
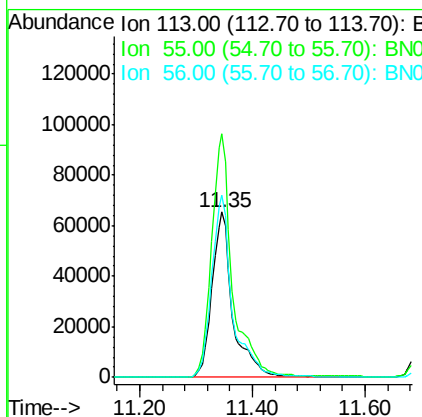
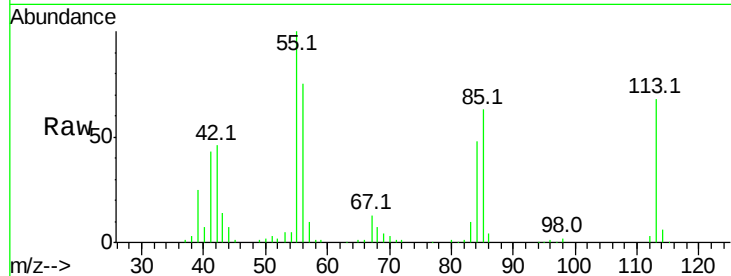




#35
 Caprolactam
 Concen: 47.679 ng
 RT: 11.35 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

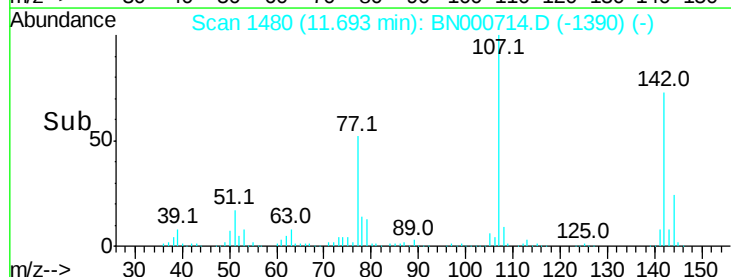
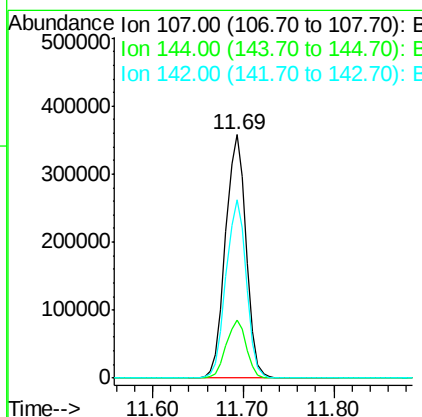
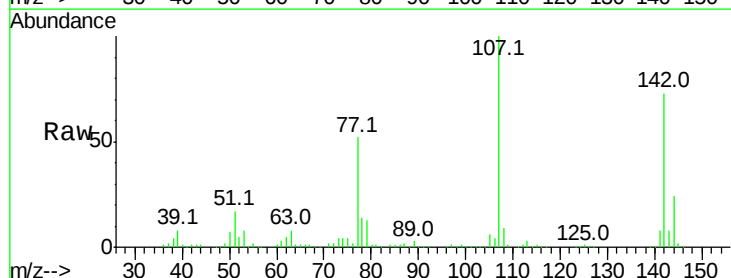
Instrument :
 BNA_N
 ClientSampleId :

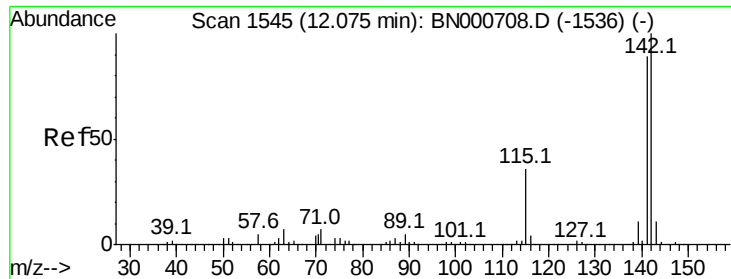
Tot Ion:113 Resp: 168792
 Ion Ratio Lower Upper
 113 100
 55 147.2 120.0 160.0
 56 109.8 90.0 130.0



#36
 4-Chloro-3-methylphenol
 Concen: 43.820 ng
 RT: 11.69 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Tgt Ion:107 Resp: 565558
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.2 27.4
 142 73.3 59.0 88.4

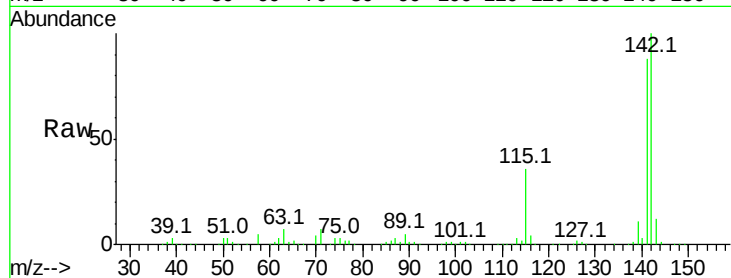




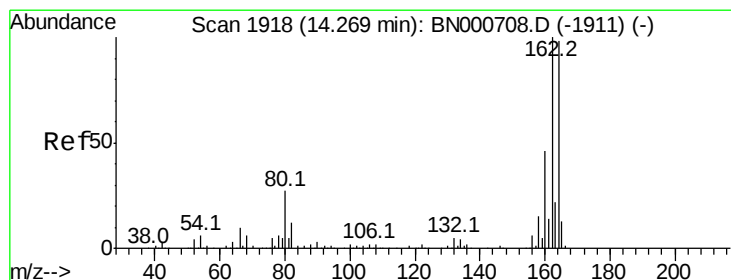
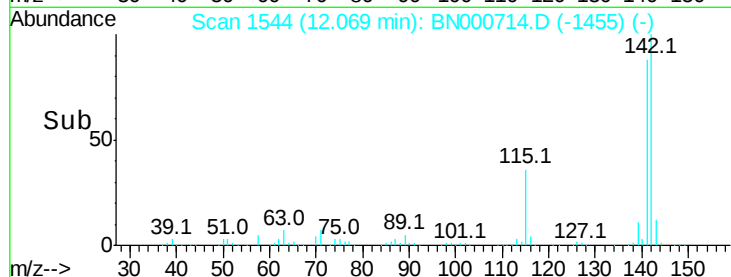
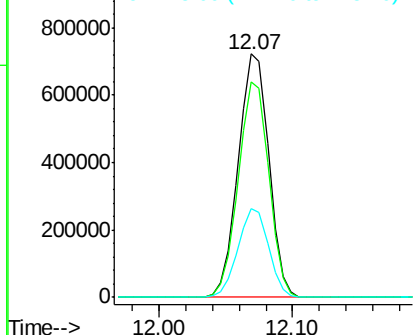
#37
2-Methylnaphthalene
Concen: 40.196 ng
RT: 12.07 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Instrument :
BNA_N
ClientSampled :

Tot Ion:142 Resp: 1147786
Ion Ratio Lower Upper
142 100
141 88.3 67.1 100.7
115 36.4 30.7 46.1

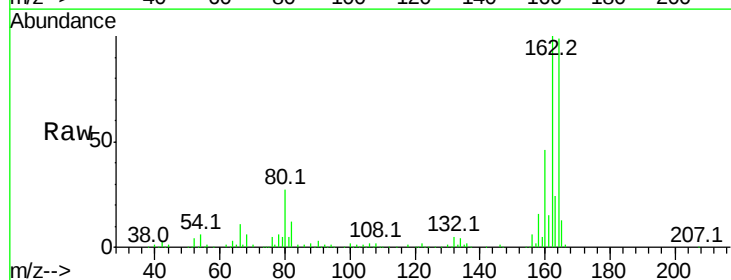


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

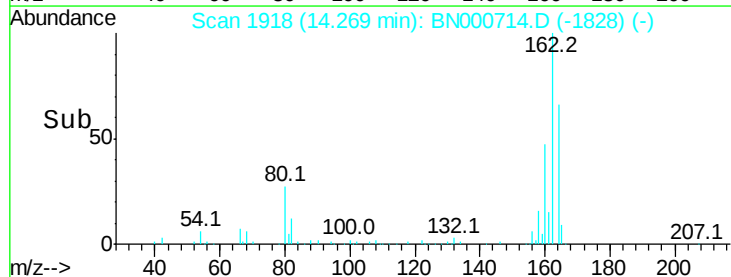
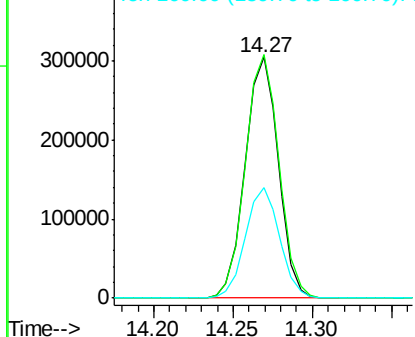


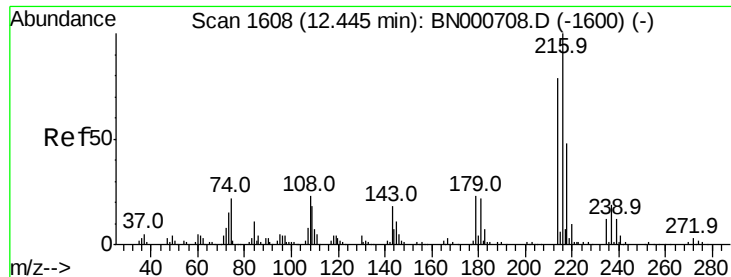
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.27 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Tgt Ion:164 Resp: 443245
Ion Ratio Lower Upper
164 100
162 101.2 78.8 118.2
160 46.1 35.4 53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.506 ng

RT: 12.45 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion:216 Resp: 511178

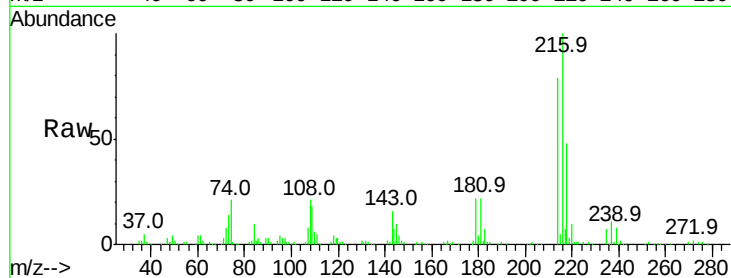
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 22.7 17.0 25.6

108 24.3 12.8 19.2#

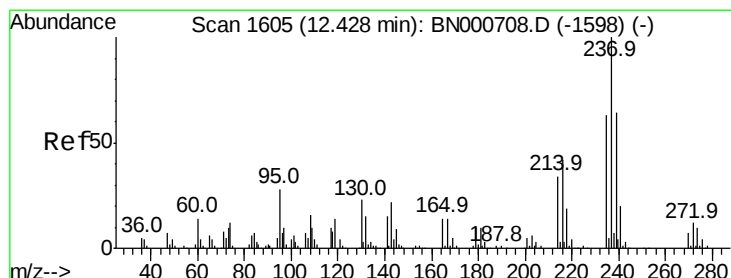
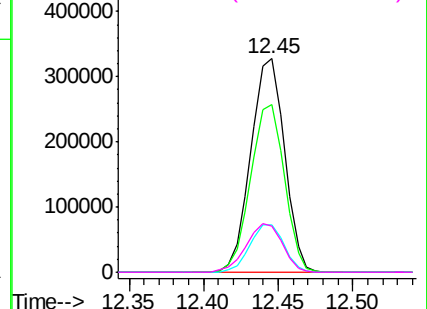
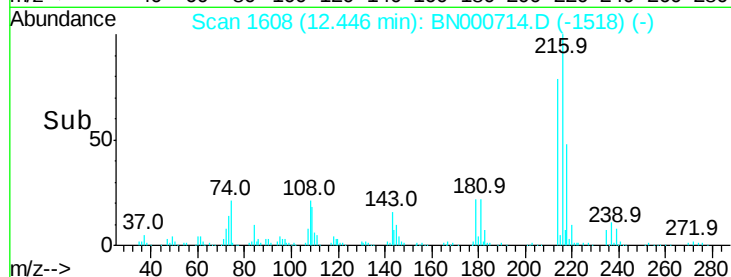


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 39.439 ng

RT: 12.43 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

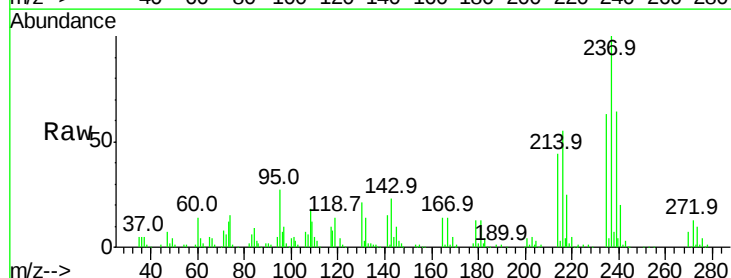
Tgt Ion:237 Resp: 299770

Ion Ratio Lower Upper

237 100

235 62.7 50.4 90.4

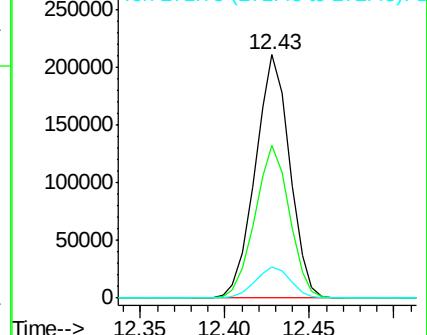
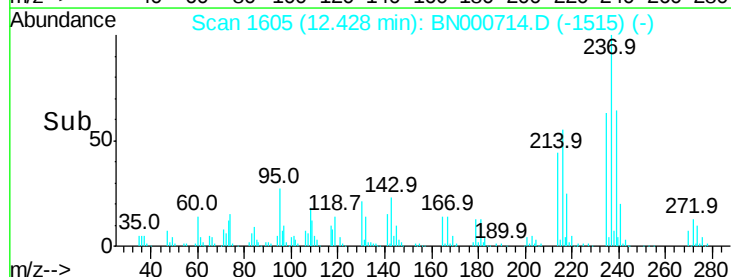
272 12.6 0.0 31.8

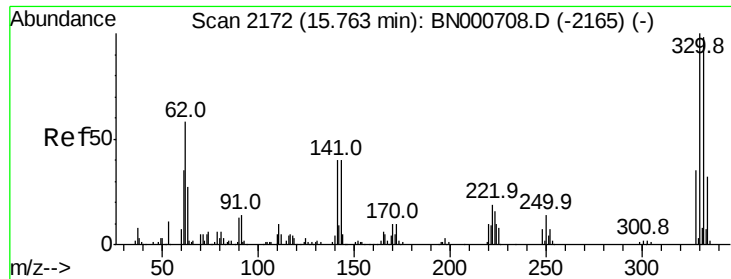


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

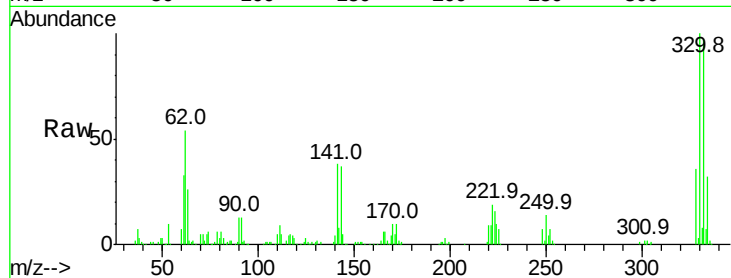




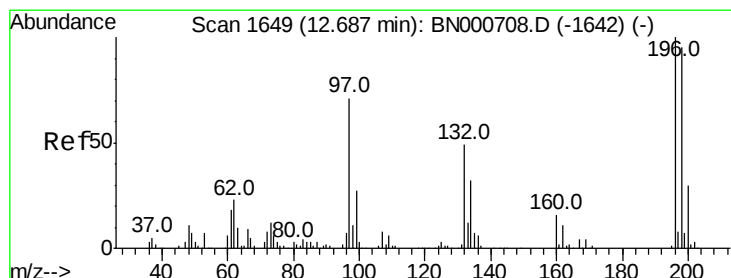
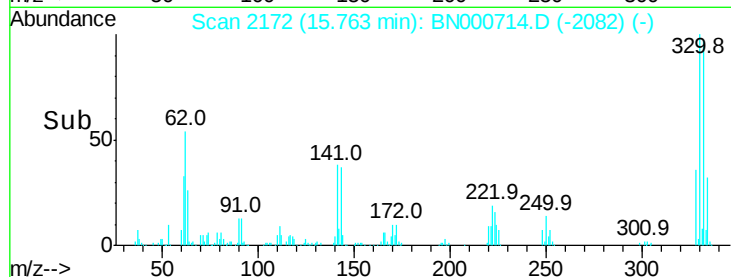
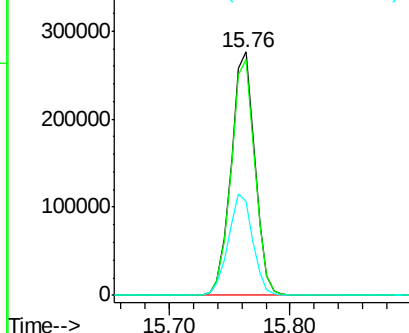
#41
 2,4,6-Tribromophenol
 Concen: 86.886 ng
 RT: 15.76 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	42.7	25.2	37.8#

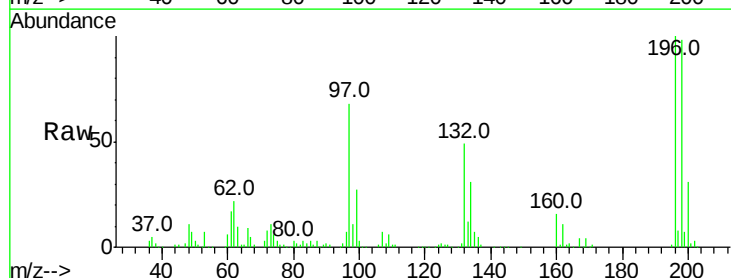


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

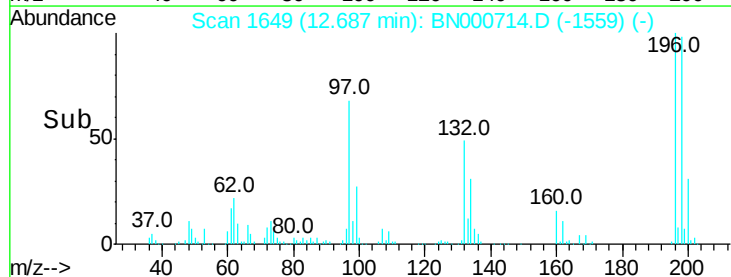
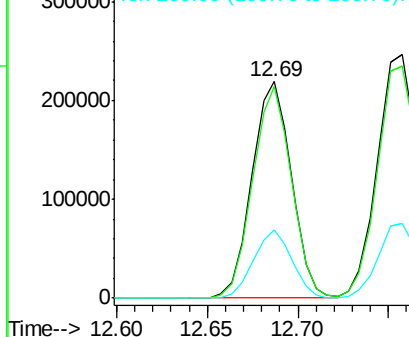


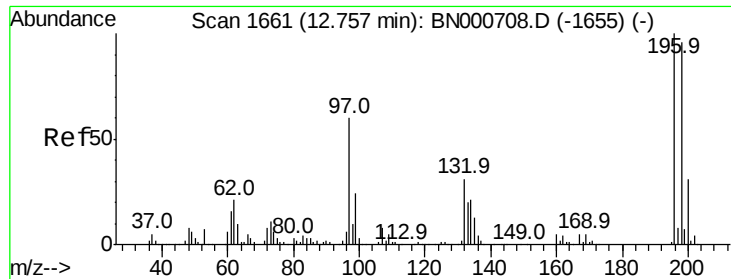
#42
 2,4,6-Trichlorophenol
 Concen: 41.102 ng
 RT: 12.69 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	78.2	117.2
200	31.4	24.6	36.8



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

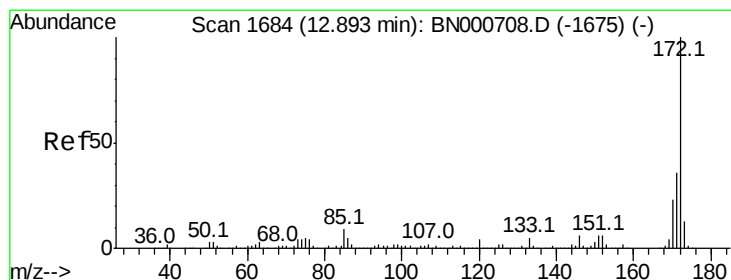
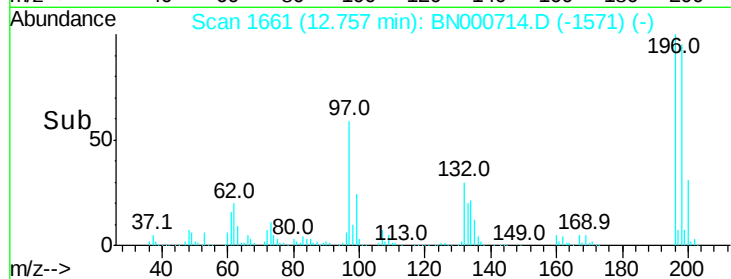
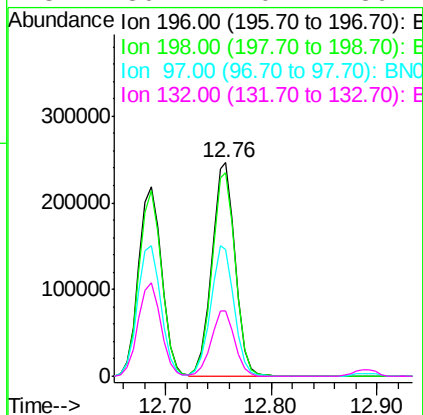
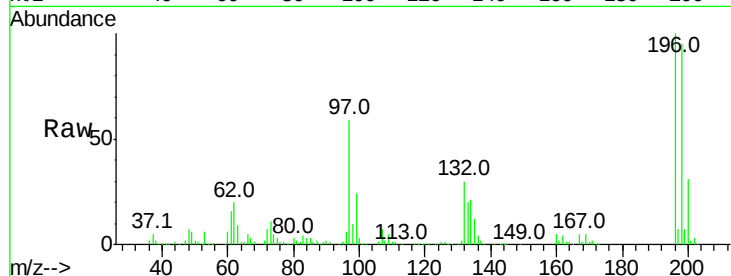




#43
 2,4,5-Trichlorophenol
 Concen: 40.727 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

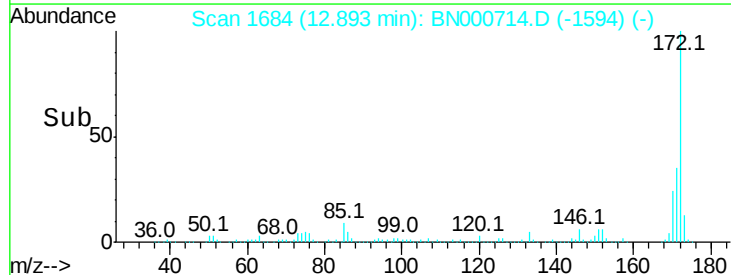
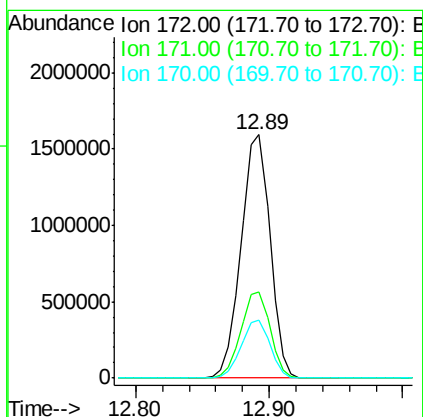
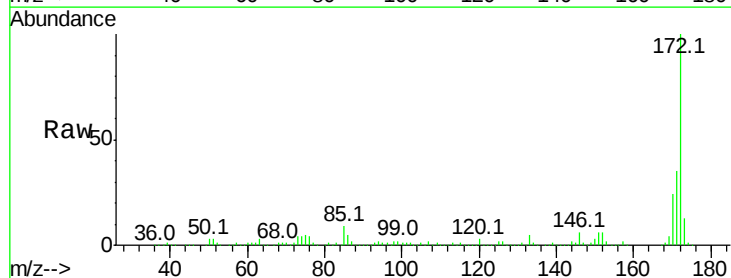
Instrument :
 BNA_N
 ClientSampleId :

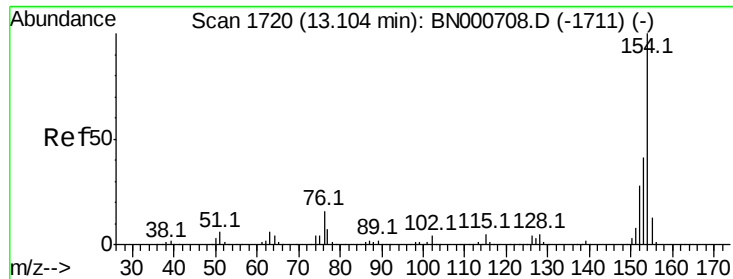
Tot Ion:	196	Resp:	381451
Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.2	114.4
97	59.4	38.7	58.1#
132	30.4	20.2	30.2#



#44
 2-Fluorobiphenyl
 Concen: 74.432 ng
 RT: 12.89 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Tgt Ion:	172	Resp:	2393762
Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.6	19.5	29.3

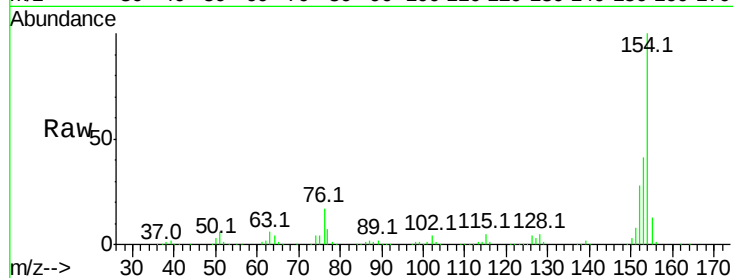




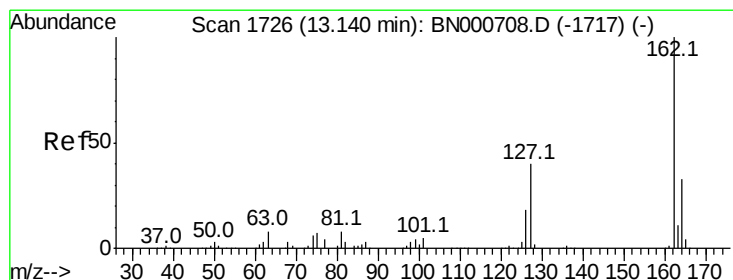
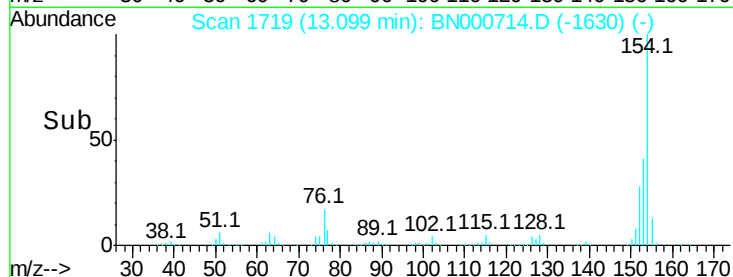
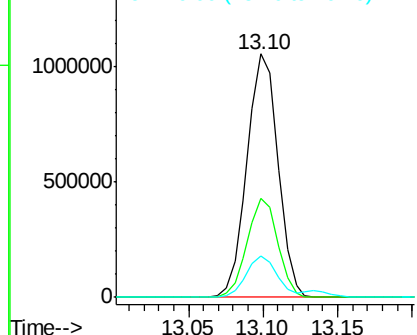
#45
 1,1'-Biphenyl
 Concen: 38.035 ng
 RT: 13.10 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:154 Resp: 1513479
 Ion Ratio Lower Upper
 154 100
 153 40.8 19.8 59.8
 76 17.1 0.0 31.9

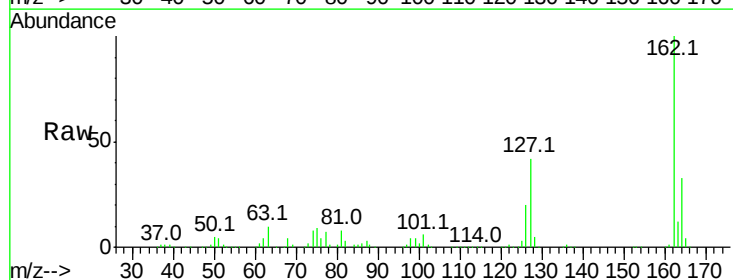


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

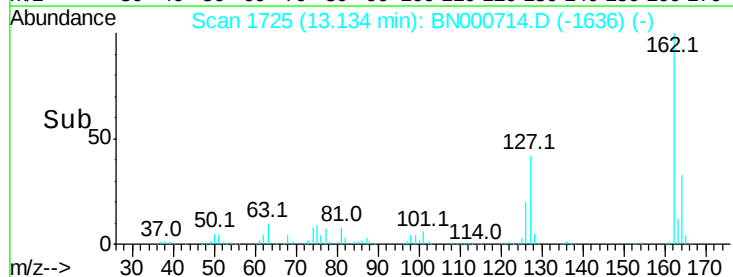
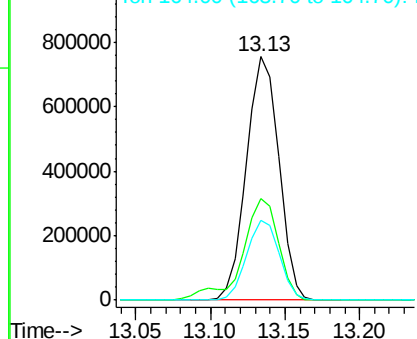


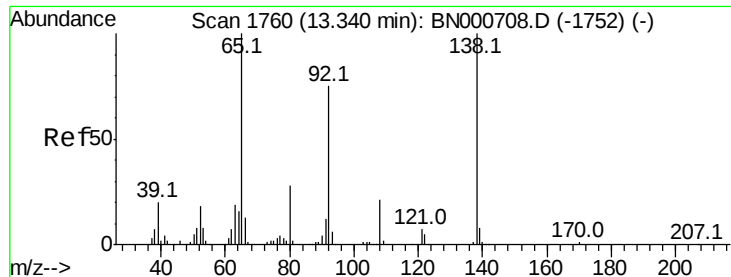
#46
 2-Chloronaphthalene
 Concen: 37.939 ng
 RT: 13.13 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Tgt Ion:162 Resp: 1134552
 Ion Ratio Lower Upper
 162 100
 127 41.9 30.7 46.1
 164 33.0 26.0 39.0



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





#47

2-Nitroaniline

Concen: 43.517 ng

RT: 13.34 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampleId :

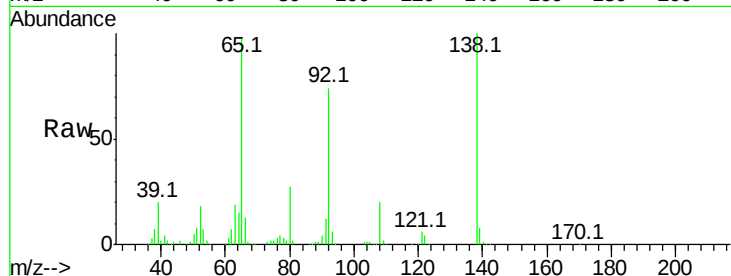
Tot Ion: 65 Resp: 369087

Ion Ratio Lower Upper

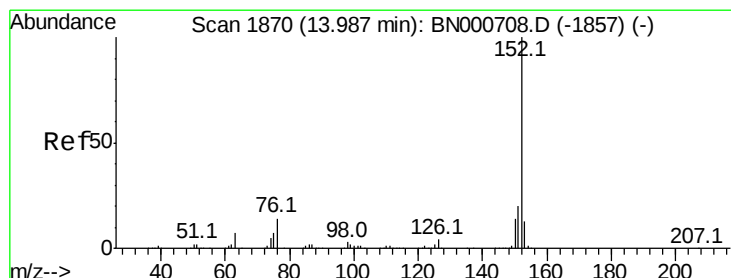
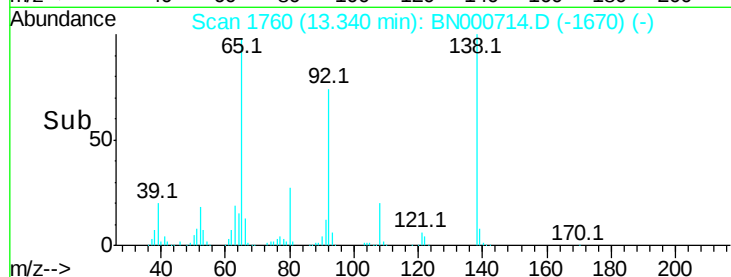
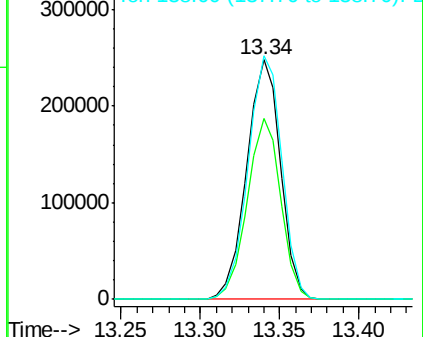
65 100

92 75.4 54.6 82.0

138 101.7 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BN0
Ion 92.00 (91.70 to 92.70): BN0
Ion 138.00 (137.70 to 138.70): BN0



#48

Acenaphthylene

Concen: 39.806 ng

RT: 13.99 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

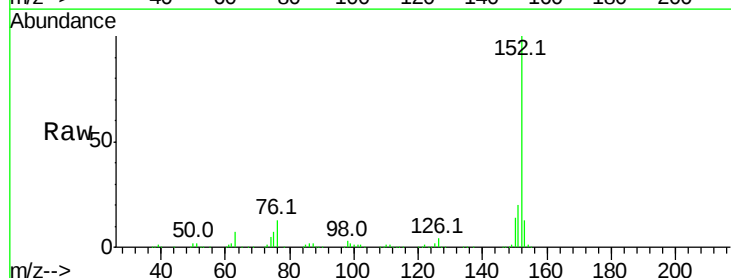
Tgt Ion: 152 Resp: 1875726

Ion Ratio Lower Upper

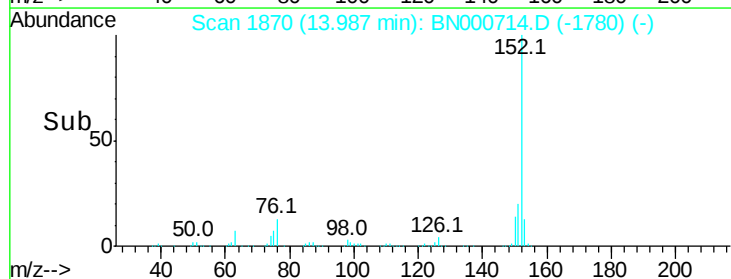
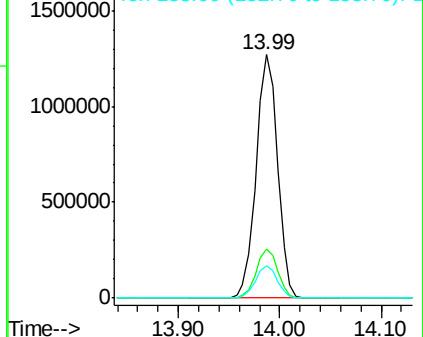
152 100

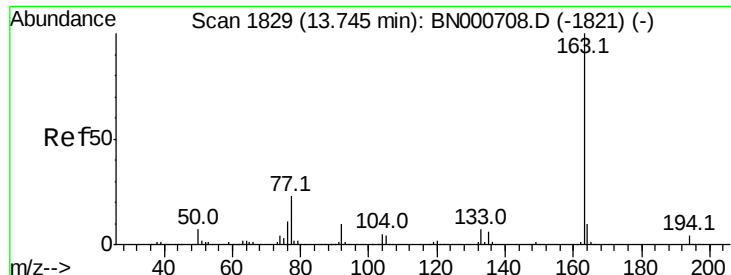
151 20.3 17.2 25.8

153 13.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BN0
Ion 151.00 (150.70 to 151.70): BN0
Ion 153.00 (152.70 to 153.70): BN0

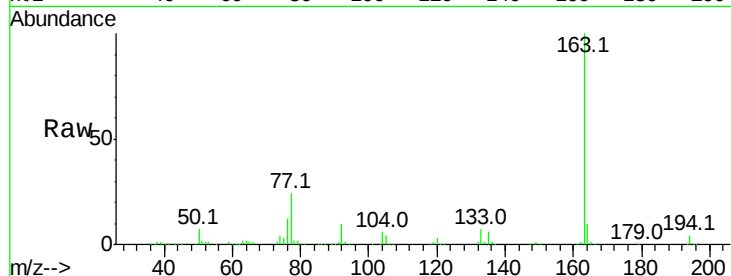




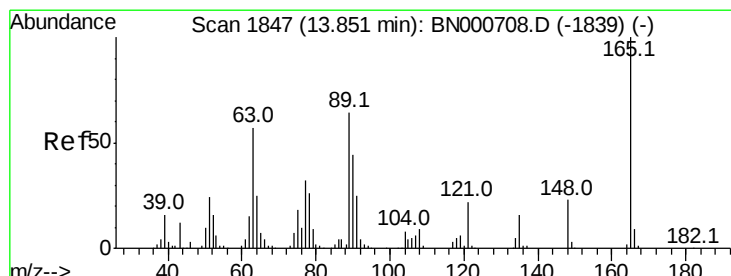
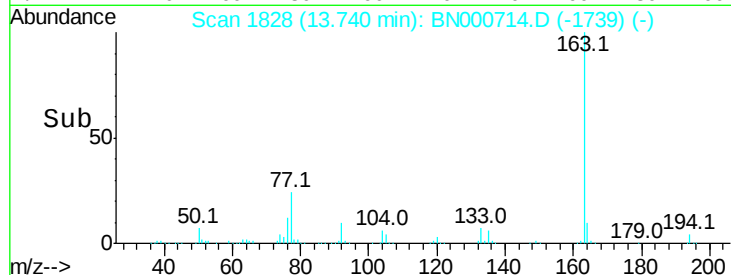
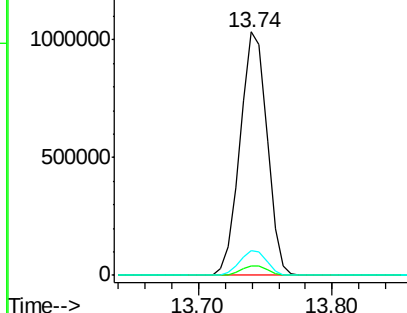
#49
Dimethylphthalate
Concen: 40.956 ng
RT: 13.74 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:163 Resp: 1445101
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.1 8.2 12.4

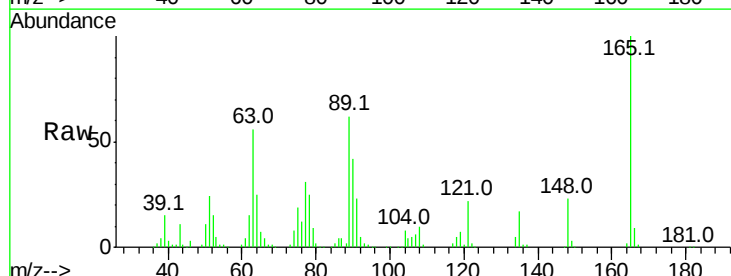


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

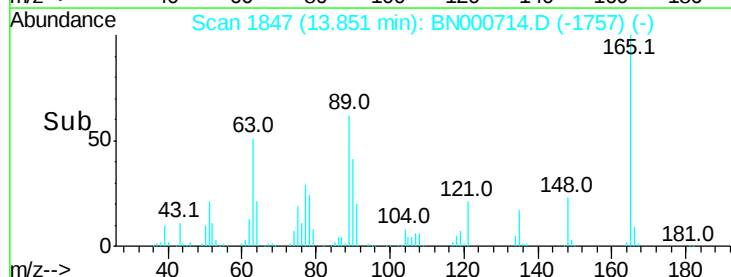
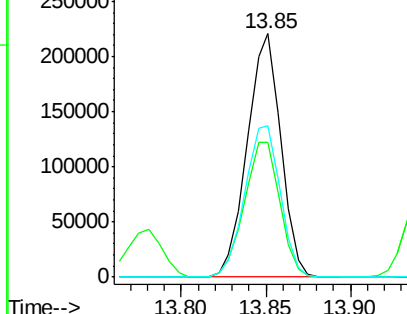


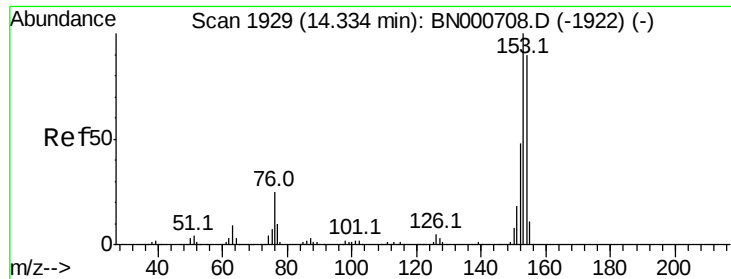
#50
2,6-Dinitrotoluene
Concen: 41.988 ng
RT: 13.85 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Tgt Ion:165 Resp: 306775
Ion Ratio Lower Upper
165 100
63 55.5 52.7 79.1
89 62.3 49.2 73.8



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





#51

Acenaphthene

Concen: 38.566 ng

RT: 14.33 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

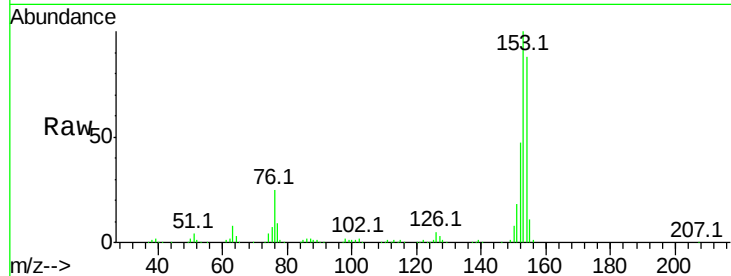
Instrument :

BNA_N

ClientSampleId :

Tot Ion:154 Resp: 1122891

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.4	135.6
152	53.2	41.6	62.4

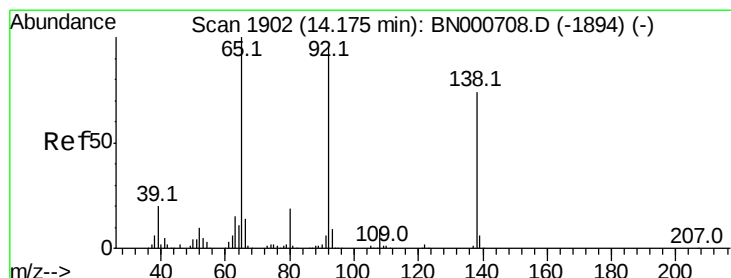
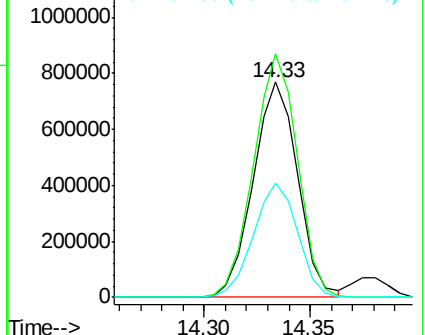
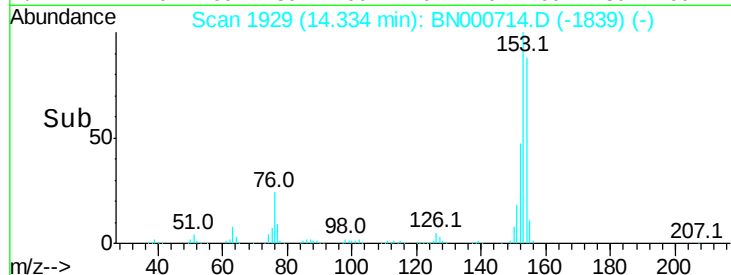


Abundance

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



#52

3-Nitroaniline

Concen: 43.149 ng

RT: 14.17 min Scan# 1902

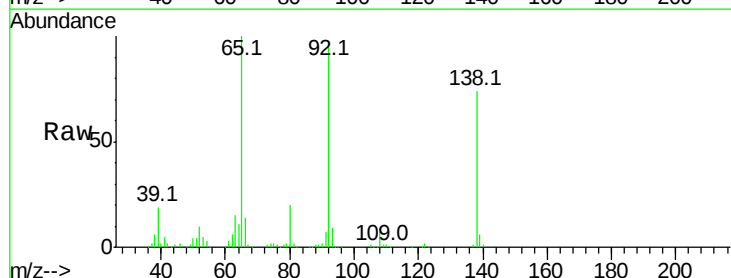
Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Tgt Ion:138 Resp: 361048

Ion	Ratio	Lower	Upper
138	100		
108	12.0	17.5	26.3#
92	131.8	105.8	158.8

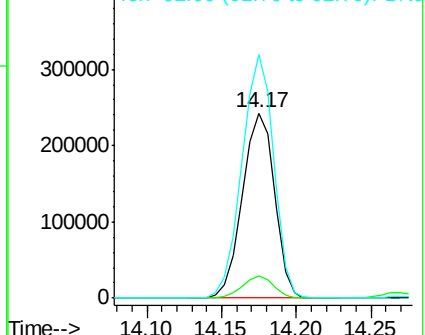
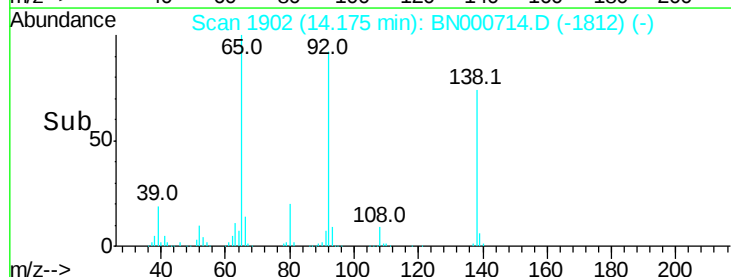


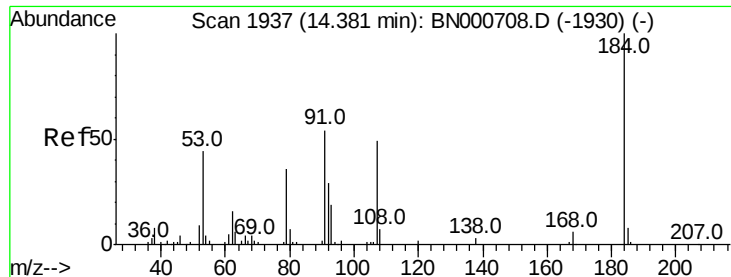
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

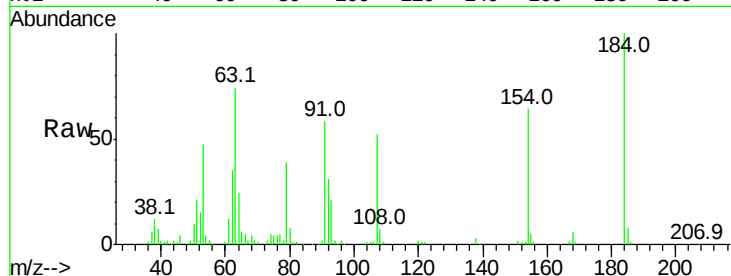




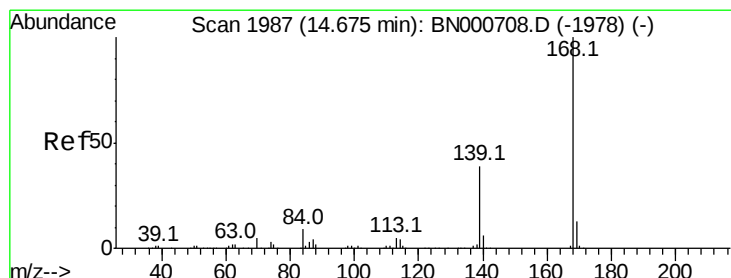
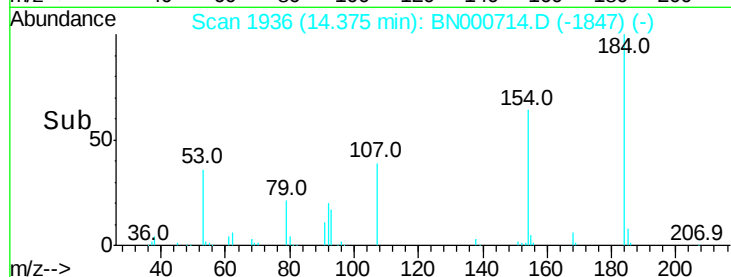
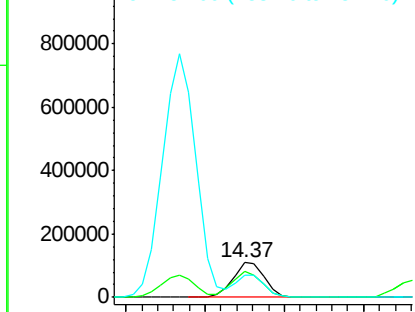
#53
2,4-Dinitrophenol
Concen: 42.509 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 151067
Ion Ratio Lower Upper
184 100
63 73.8 56.0 84.0
154 64.4 48.0 72.0

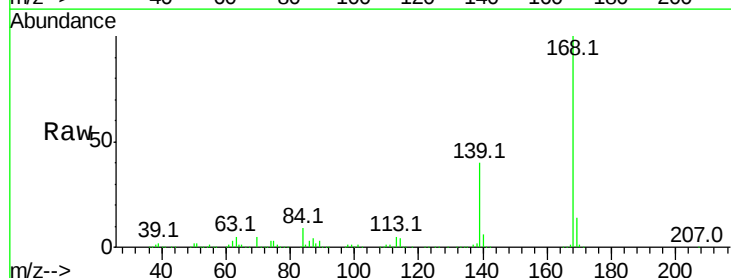


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

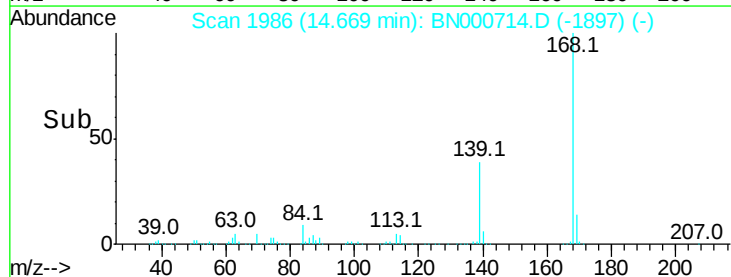
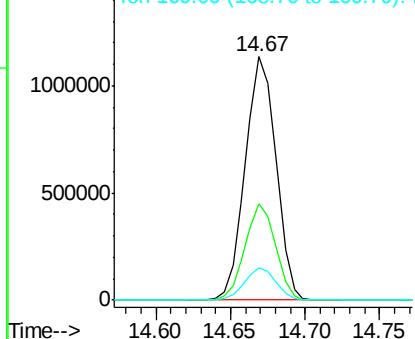


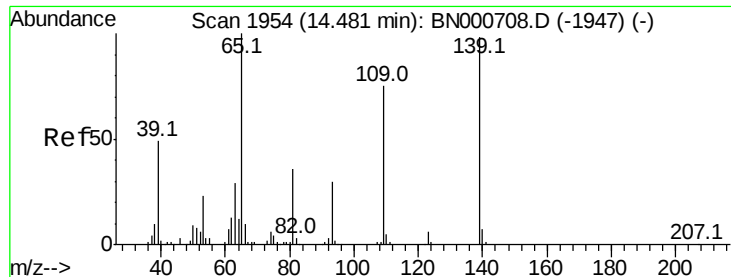
#54
Dibenzofuran
Concen: 38.643 ng
RT: 14.67 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Tgt Ion:168 Resp: 1617488
Ion Ratio Lower Upper
168 100
139 39.5 28.6 43.0
169 13.6 11.2 16.8



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

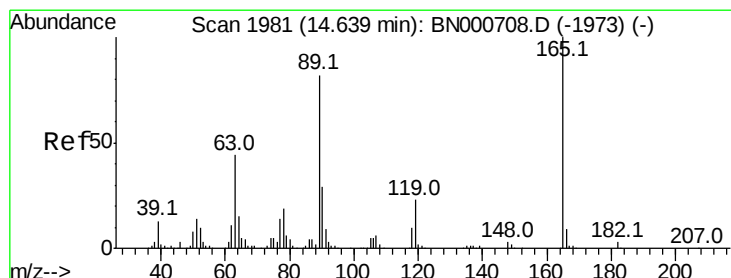
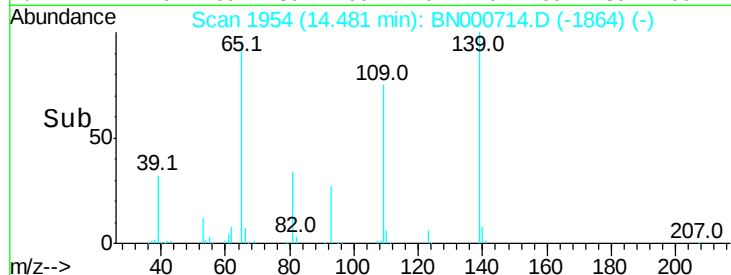
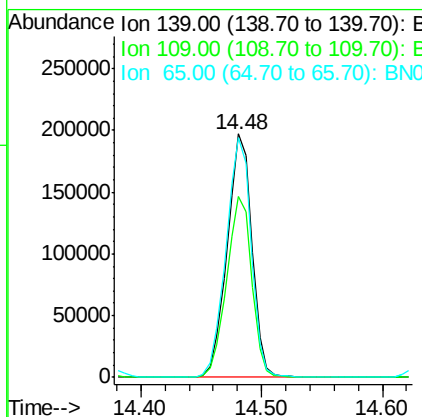
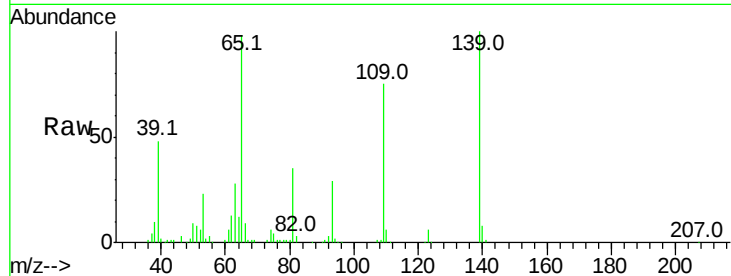




#55
4-Nitrophenol
Concen: 44.208 ng
RT: 14.48 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

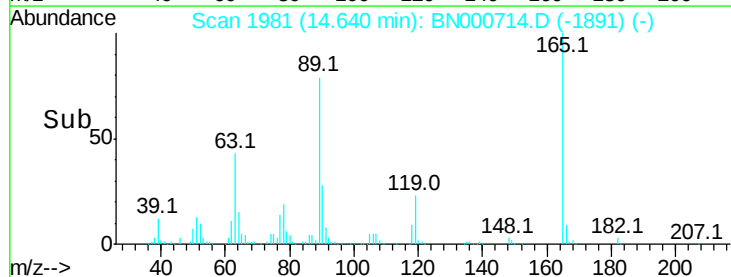
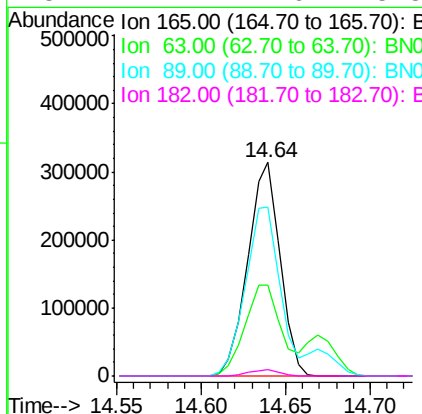
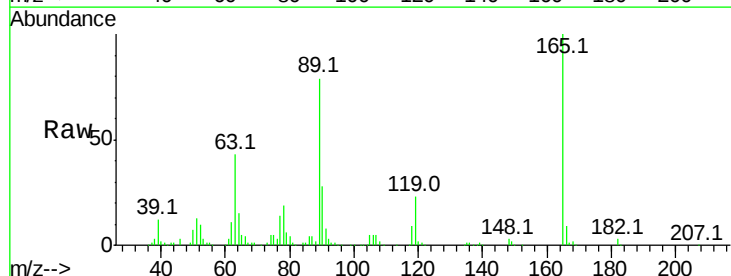
Instrument :
BNA_N
ClientSampleId :

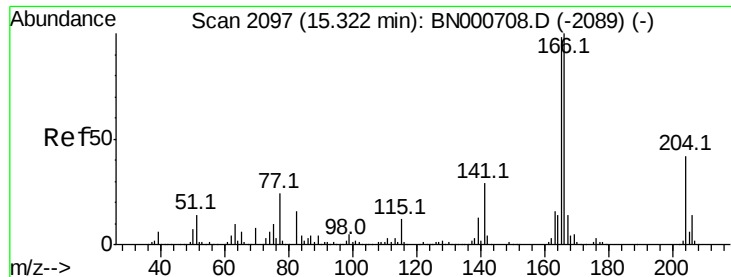
Tot Ion	Ratio	Lower	Upper
139	100		
109	74.5	62.2	102.2
65	98.4	97.2	137.2



#56
2,4-Dinitrotoluene
Concen: 44.103 ng
RT: 14.64 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.6	42.0	63.0
89	79.2	66.9	100.3
182	2.7	2.6	3.8

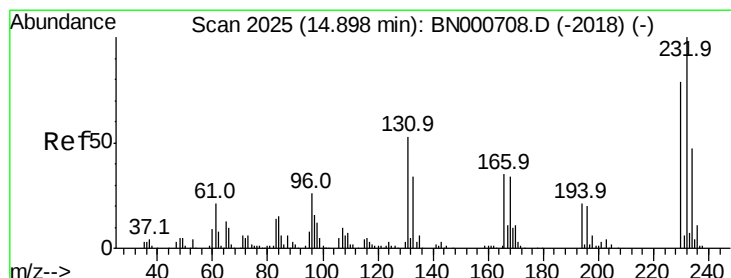
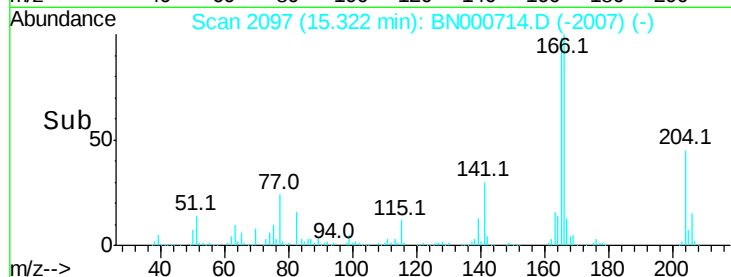
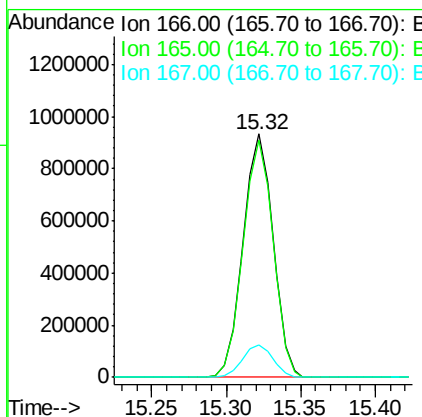
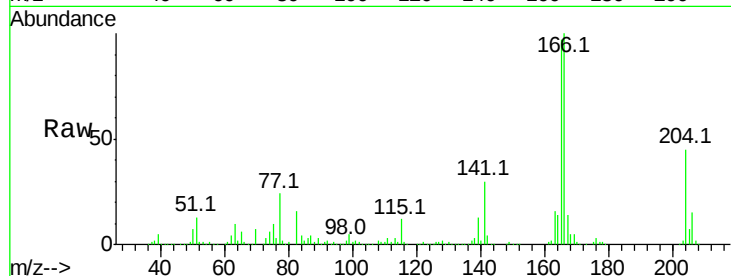




#57
 Fluorene
 Concen: 39.312 ng
 RT: 15.32 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

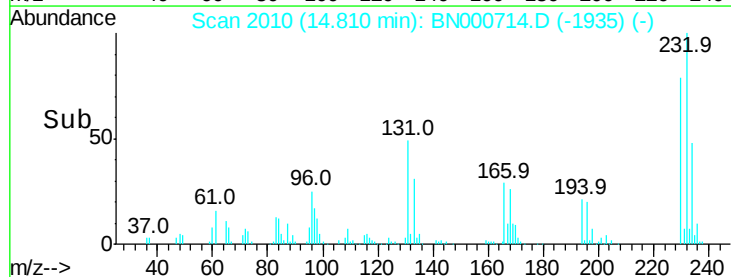
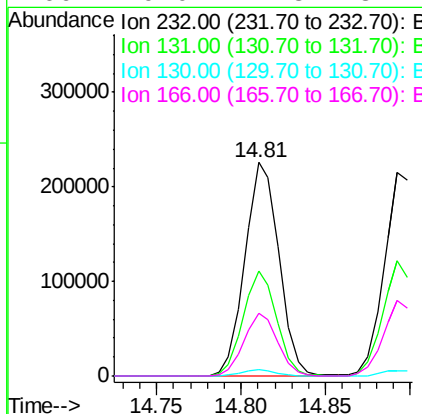
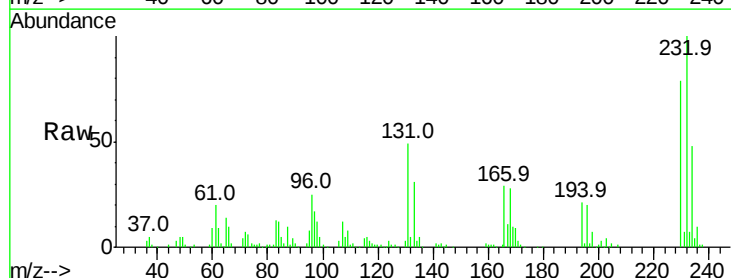
Instrument :
 BNA_N
 ClientSampleId :

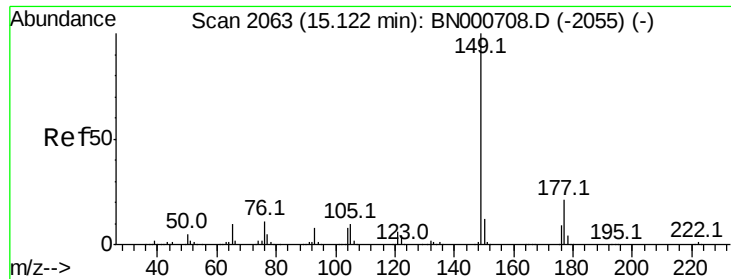
Tot Ion:166 Resp: 1299608
 Ion Ratio Lower Upper
 166 100
 165 97.5 80.6 121.0
 167 13.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.717 ng
 RT: 14.81 min Scan# 2010
 Delta R.T. -0.09 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Tgt Ion:232 Resp: 317260
 Ion Ratio Lower Upper
 232 100
 131 48.5 33.5 50.3
 130 2.8 2.2 3.2
 166 29.0 24.8 37.2

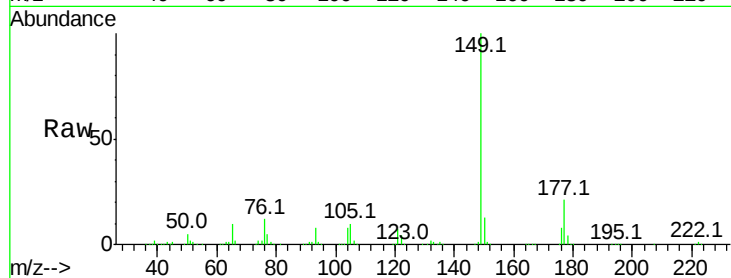




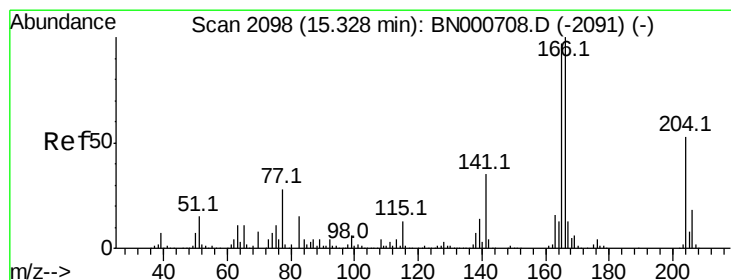
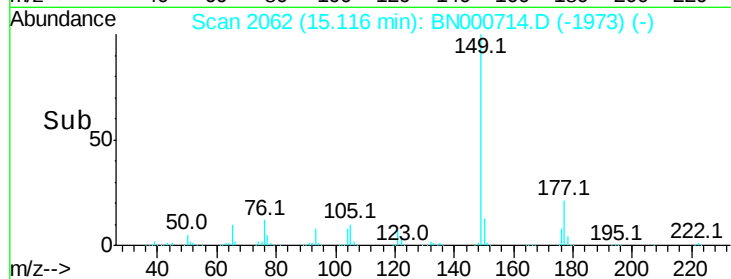
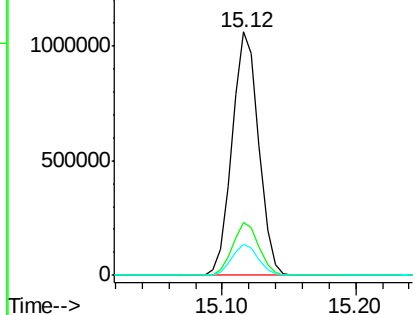
#59
Diethylphthalate
Concen: 42.406 ng
RT: 15.12 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 1470443
Ion Ratio Lower Upper
149 100
177 21.5 18.5 27.7
150 12.6 10.2 15.2

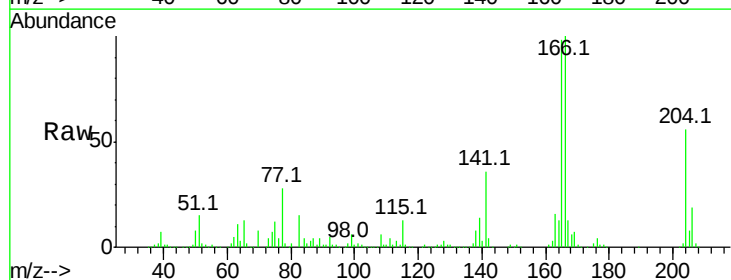


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

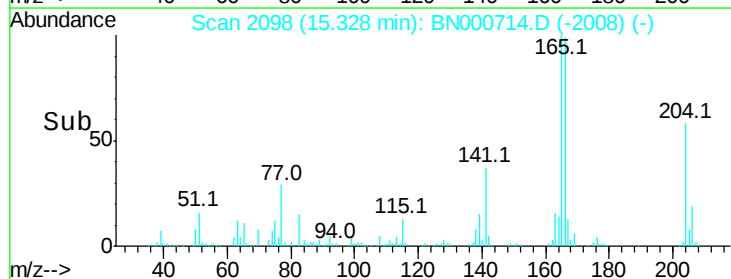
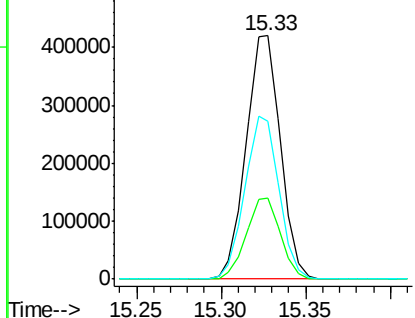


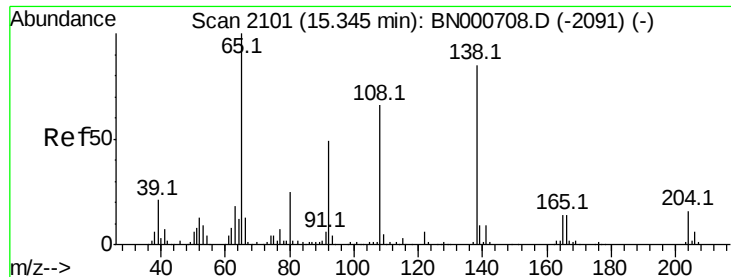
#60
4-Chlorophenyl-phenylether
Concen: 38.489 ng
RT: 15.33 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Tgt Ion:204 Resp: 594858
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 65.0 45.8 68.6



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

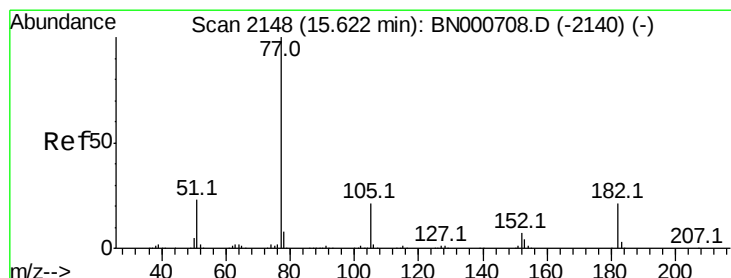
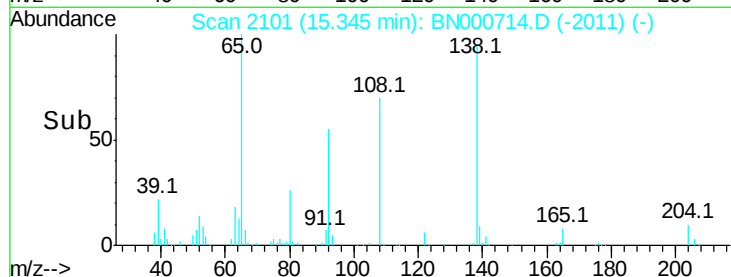
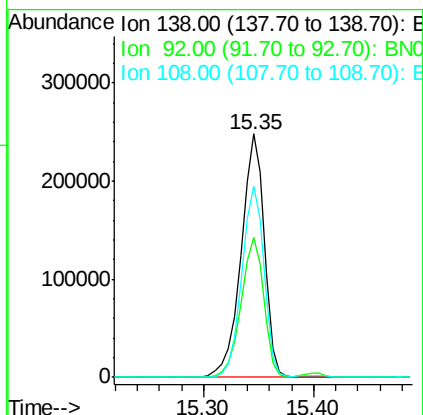
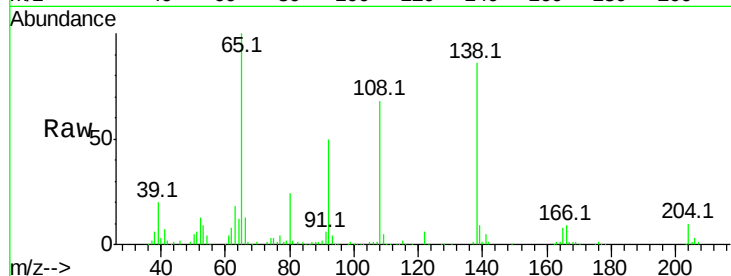




#61
4-Nitroaniline
Concen: 44.997 ng
RT: 15.35 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

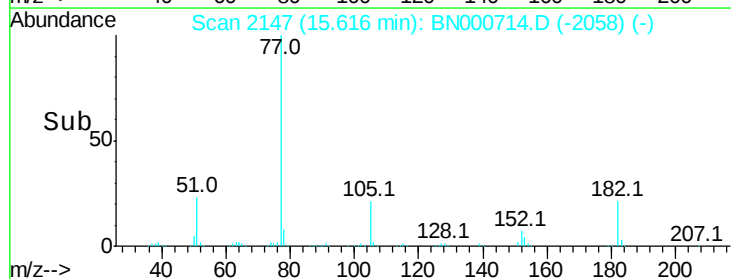
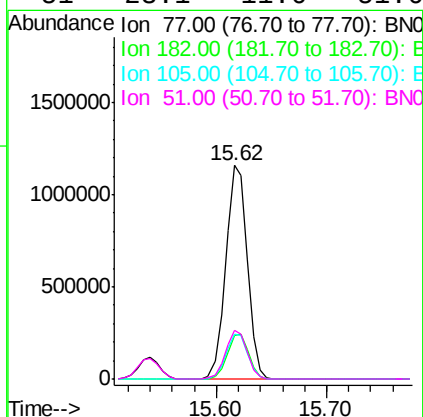
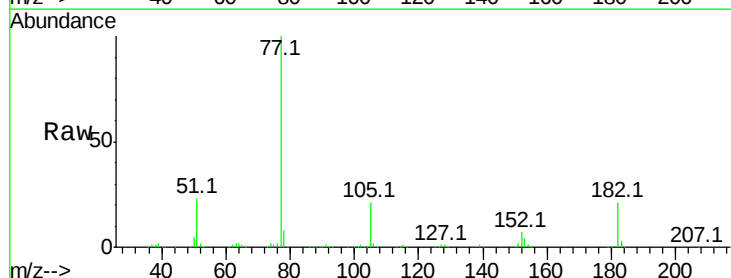
Instrument :
BNA_N
ClientSampleId :

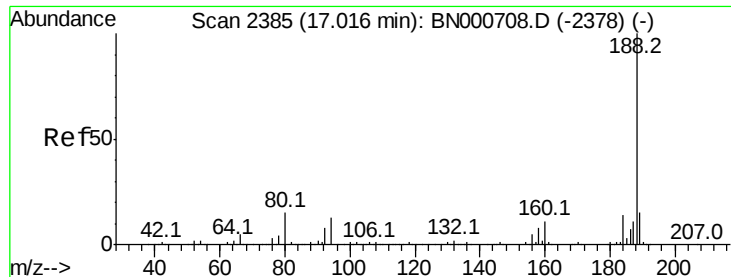
Tot Ion:138 Resp: 366988
Ion Ratio Lower Upper
138 100
92 57.6 40.1 80.1
108 78.6 65.4 105.4



#62
Azobenzene
Concen: 41.275 ng
RT: 15.62 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Tgt Ion: 77 Resp: 1579556
Ion Ratio Lower Upper
77 100
182 20.6 7.4 47.4
105 21.0 0.3 40.3
51 23.1 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampleId :

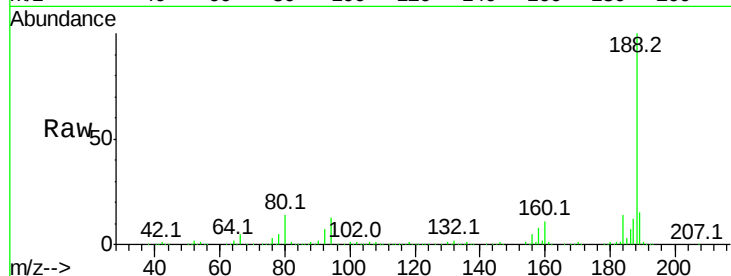
Tot Ion:188 Resp: 908229

Ion Ratio Lower Upper

188 100

94 12.9 6.9 10.3#

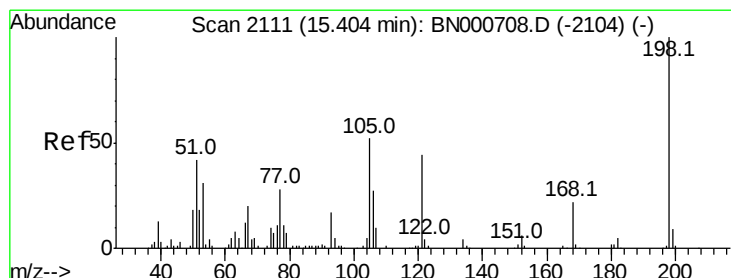
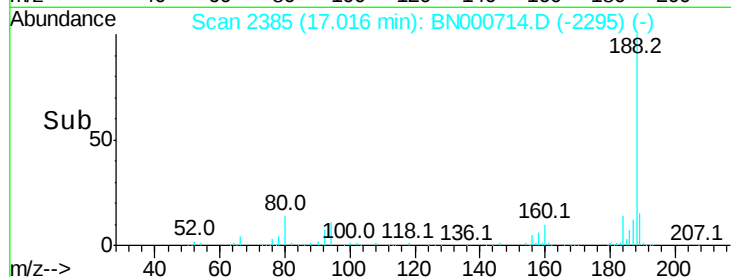
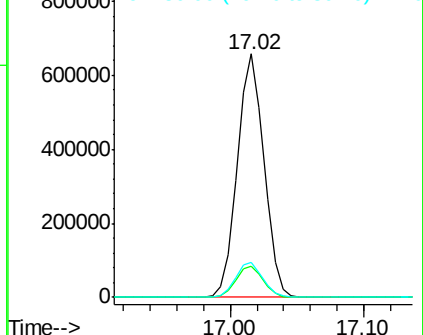
80 14.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 43.363 ng

RT: 15.40 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

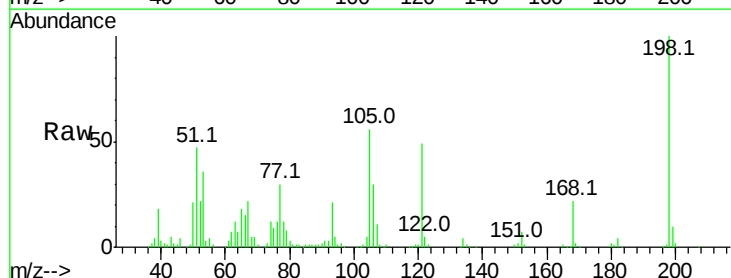
Tgt Ion:198 Resp: 234670

Ion Ratio Lower Upper

198 100

51 47.4 30.6 70.6

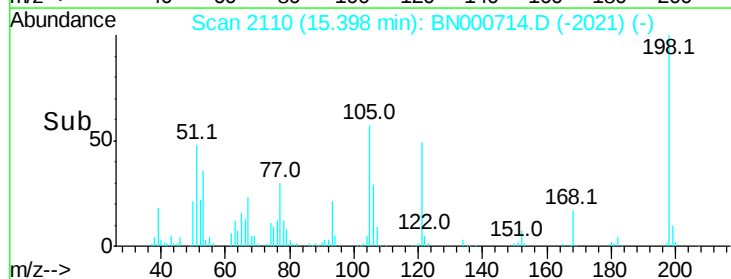
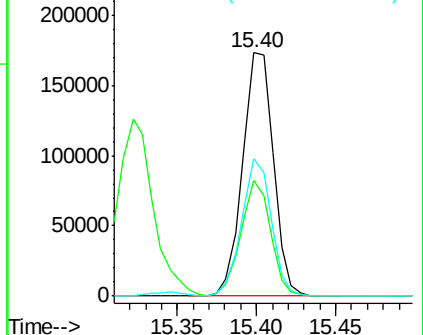
105 56.4 23.8 63.8

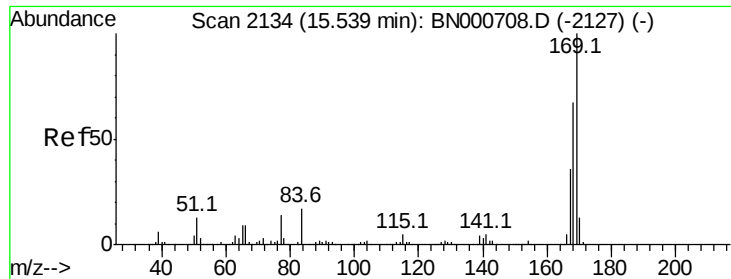


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.794 ng

RT: 15.54 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

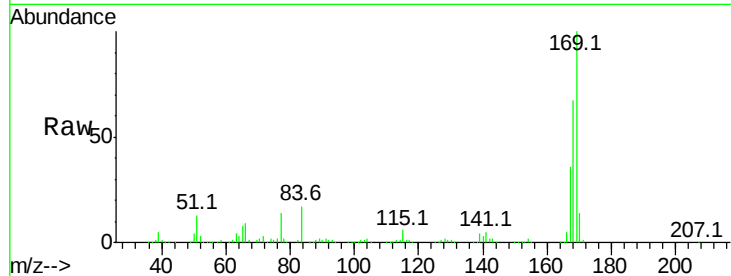
Instrument :

BNA_N

ClientSampleId :

Tot Ion:169 Resp: 1175807

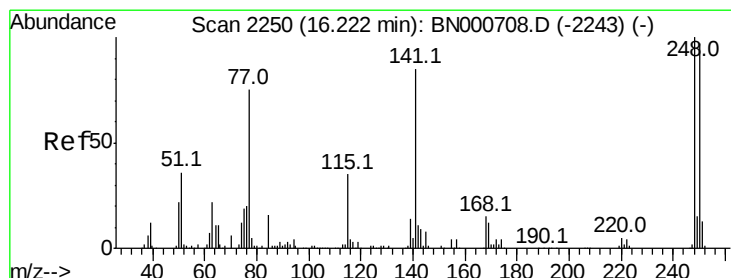
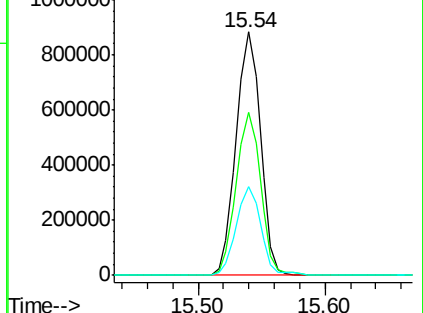
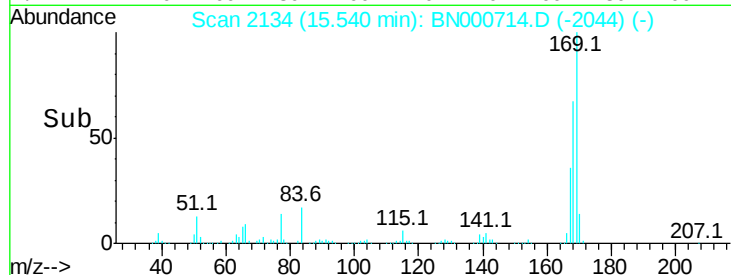
Ion	Ratio	Lower	Upper
169	100		
168	66.9	55.7	83.5
167	36.4	30.1	45.1



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



#66

4-Bromophenyl-phenylether

Concen: 38.859 ng

RT: 16.22 min Scan# 2249

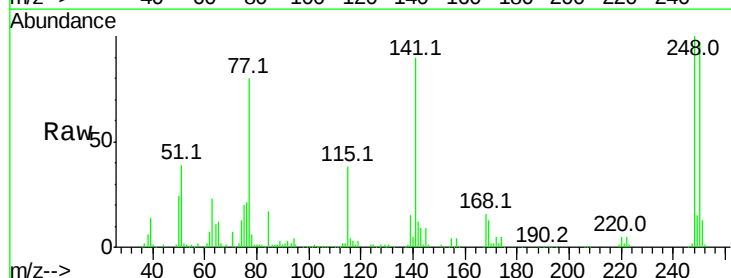
Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Tgt Ion:248 Resp: 352906

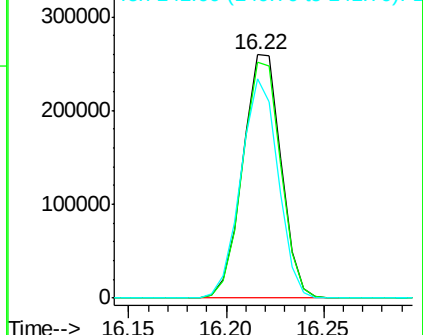
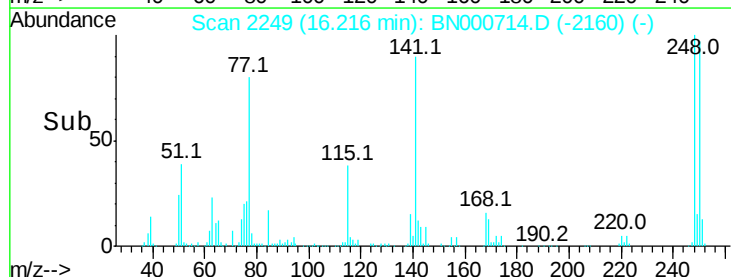
Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.1	115.7
141	89.9	50.8	76.2#

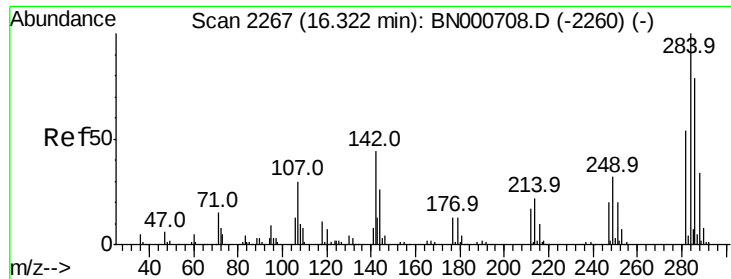


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.885 ng

RT: 16.32 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampleId :

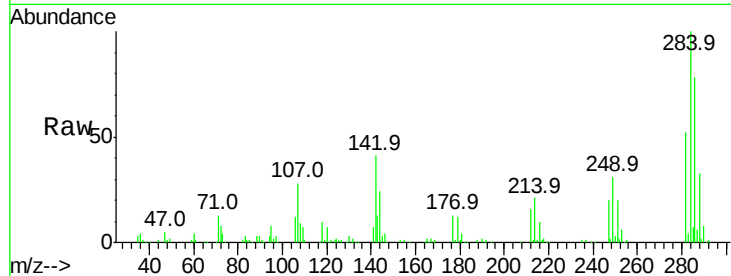
Tot Ion:284 Resp: 407729

Ion Ratio Lower Upper

284 100

142 41.4 26.8 40.2#

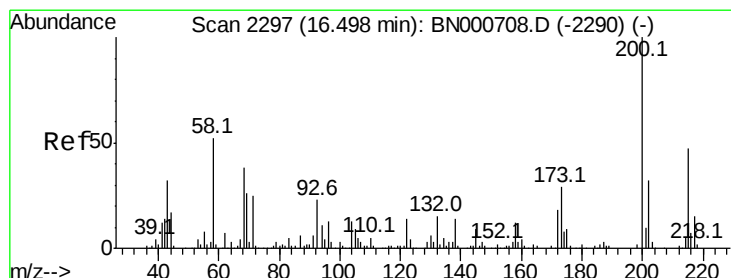
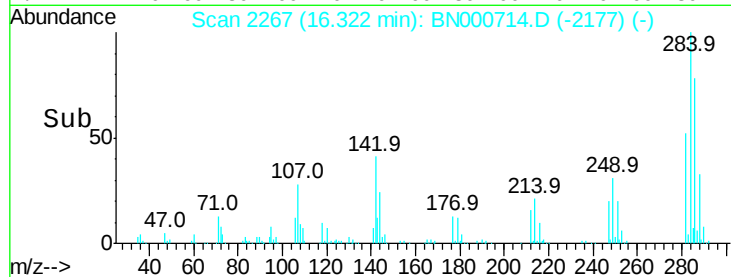
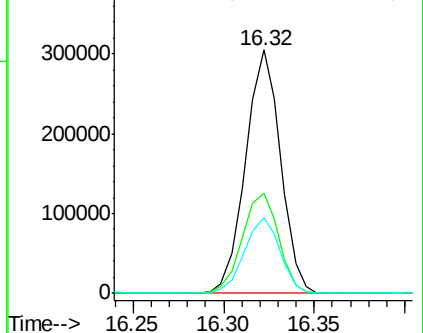
249 31.0 26.3 39.5



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



#68

Atrazine

Concen: 44.151 ng

RT: 16.50 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

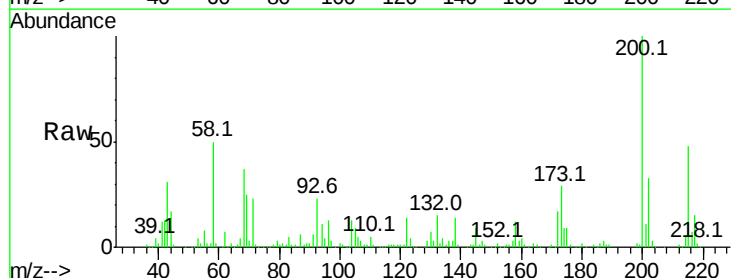
Tgt Ion:200 Resp: 370277

Ion Ratio Lower Upper

200 100

173 28.9 5.2 45.2

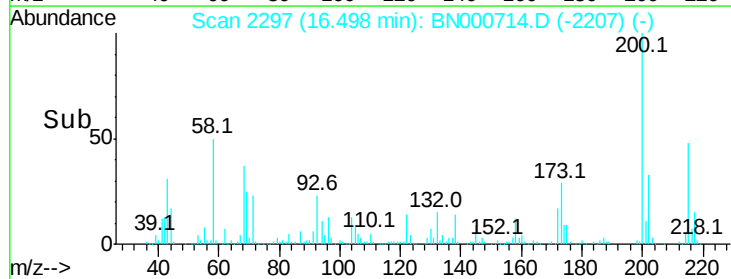
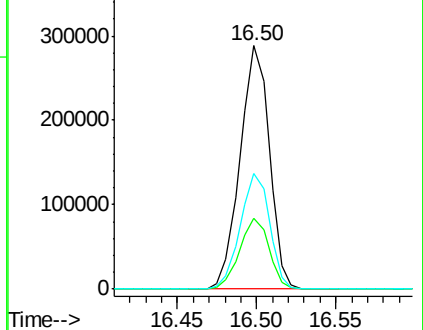
215 47.7 30.4 70.4

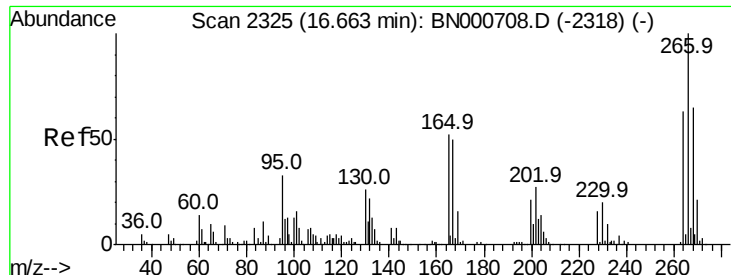


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

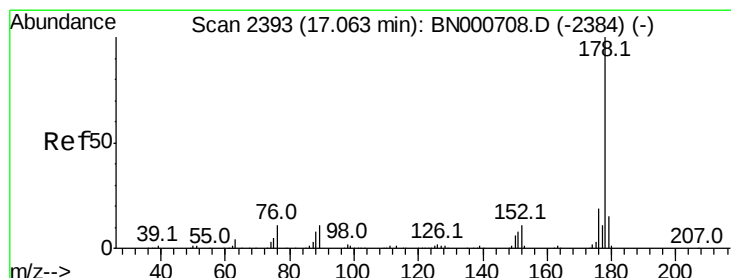
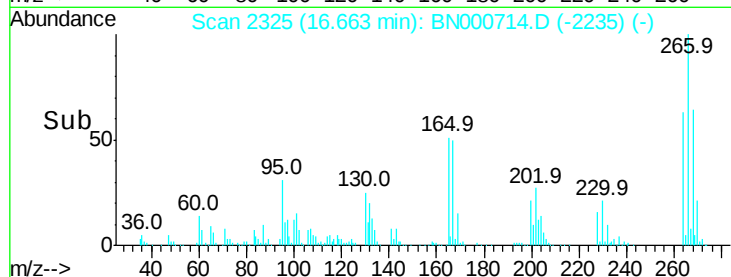
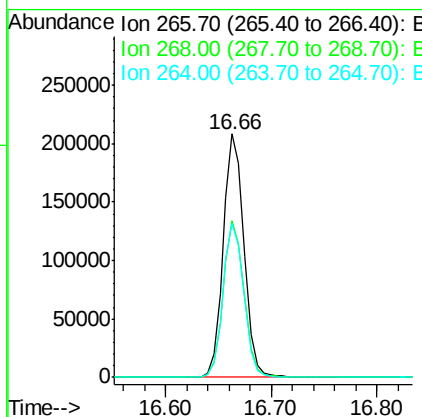
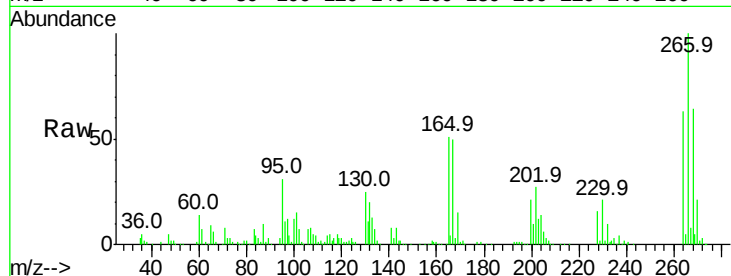




#69
 Pentachlorophenol
 Concen: 41.661 ng
 RT: 16.66 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

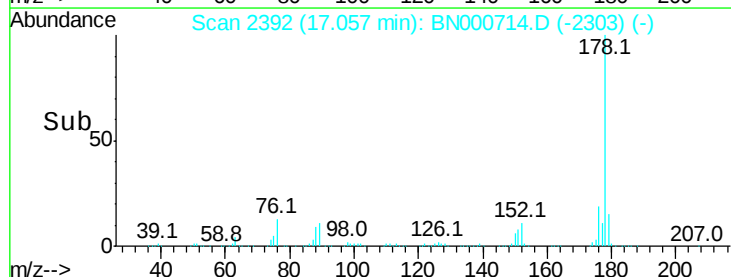
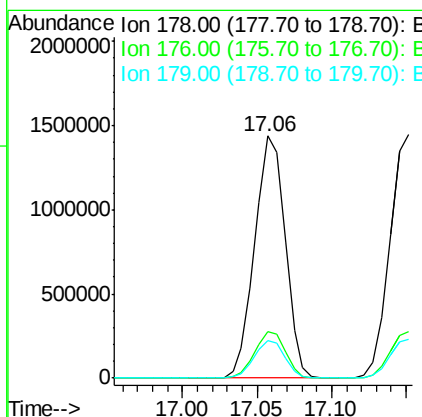
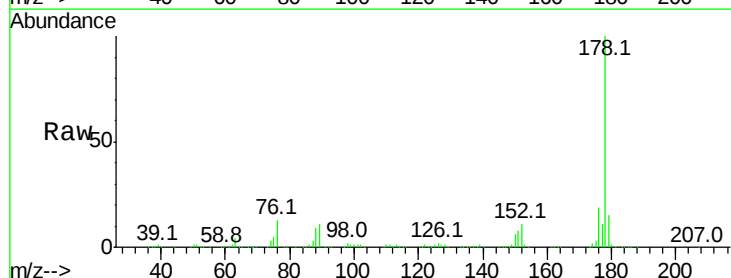
Instrument :
 BNA_N
 ClientSampled :

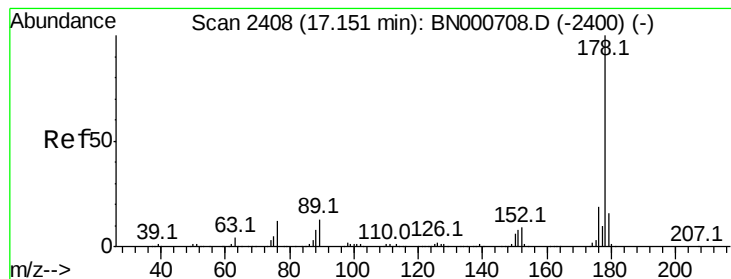
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	63.1	49.6	74.4



#70
 Phenanthrene
 Concen: 38.479 ng
 RT: 17.06 min Scan# 2392
 Delta R.T. -0.01 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.2	12.5	18.7





#71

Anthracene

Concen: 39.517 ng

RT: 17.15 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

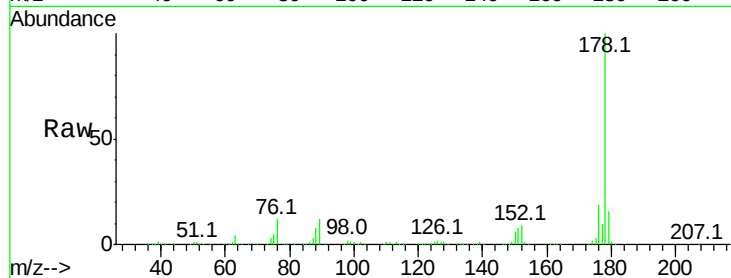
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 2034607

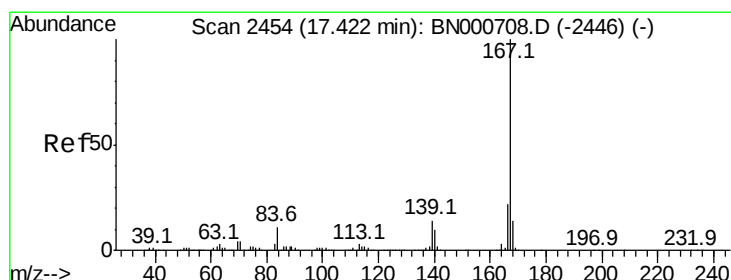
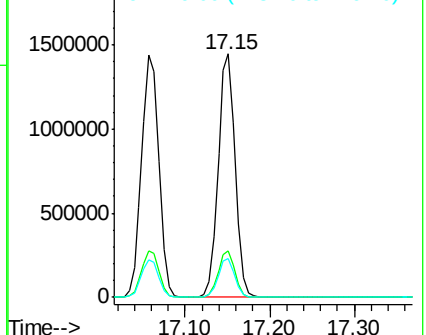
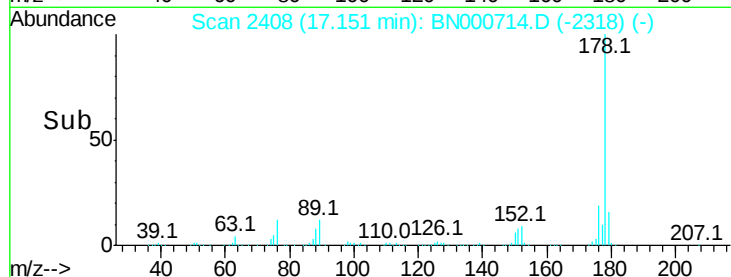
Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	15.7	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.895 ng

RT: 17.42 min Scan# 2454

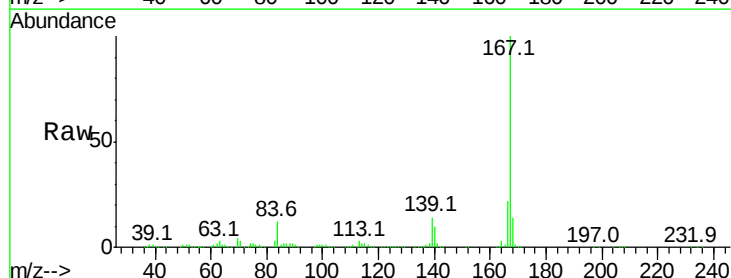
Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Tgt Ion:167 Resp: 1994849

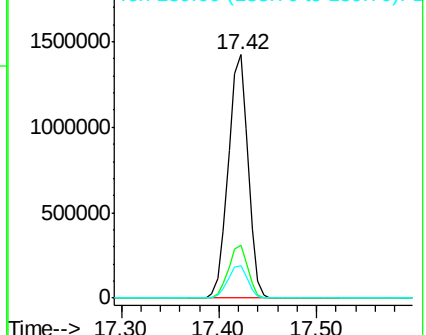
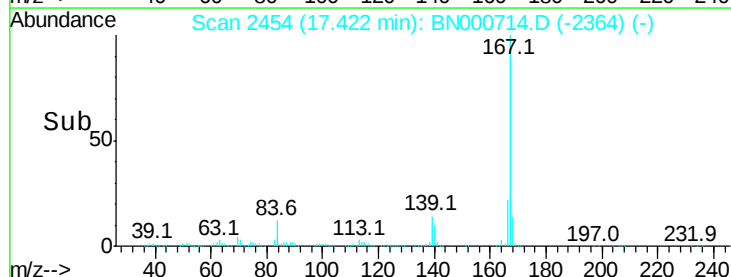
Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.4
139	13.6	9.4	14.2

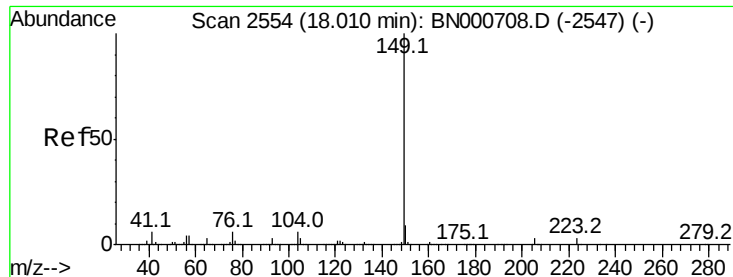


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.515 ng

RT: 18.01 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampleId :

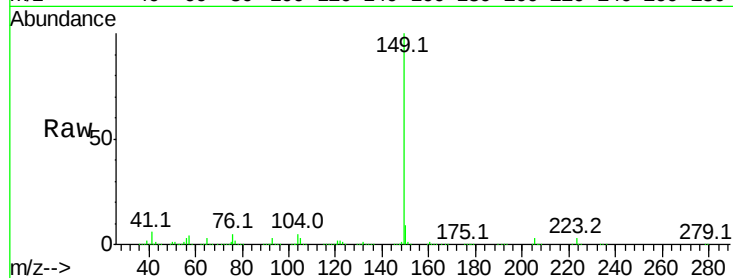
Tot Ion:149 Resp: 2468199

Ion Ratio Lower Upper

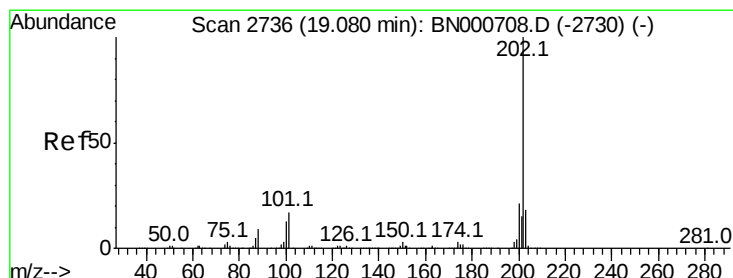
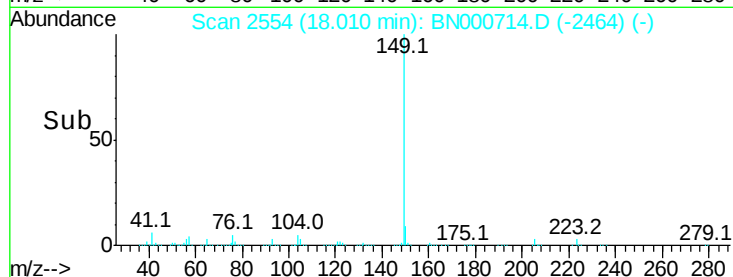
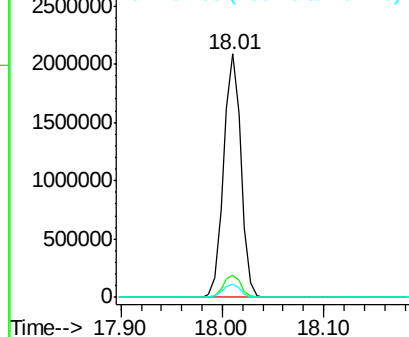
149 100

150 9.3 7.8 11.6

104 5.5 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.217 ng

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

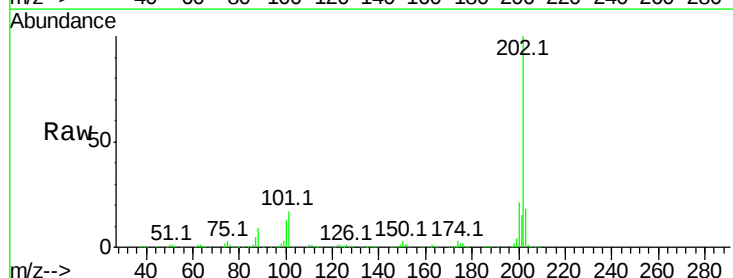
Tgt Ion:202 Resp: 2177807

Ion Ratio Lower Upper

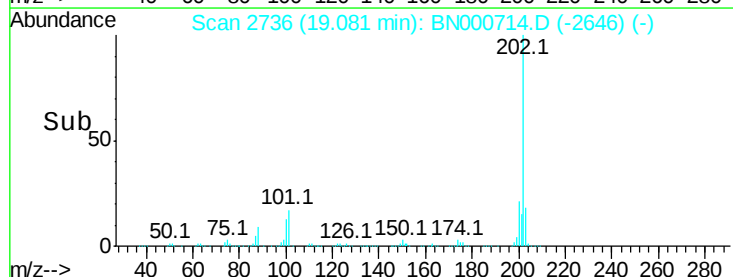
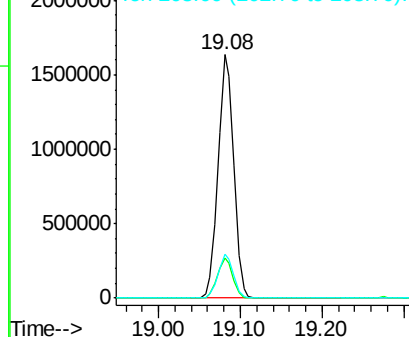
202 100

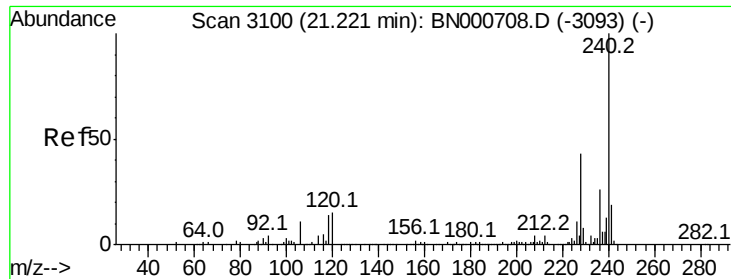
101 16.7 0.0 28.9

203 18.0 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.23 min Scan# 3101

Delta R.T. 0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampled :

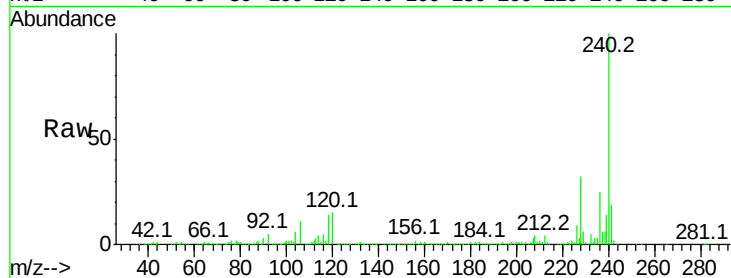
Tot Ion:240 Resp: 842741

Ion Ratio Lower Upper

240 100

120 15.2 6.8 10.2#

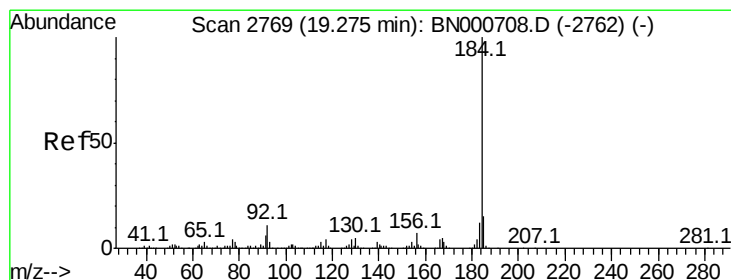
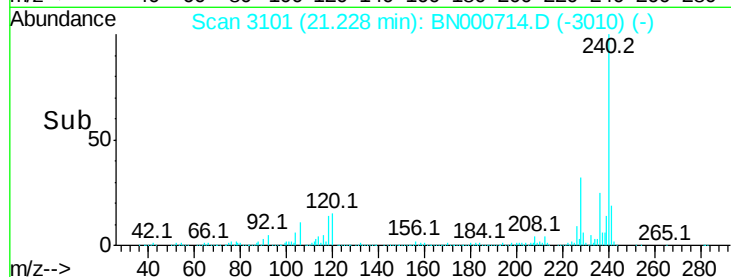
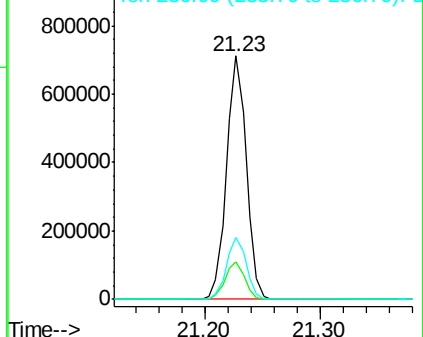
236 25.3 20.9 31.3



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



#76

Benzidine

Concen: 47.835 ng

RT: 19.27 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

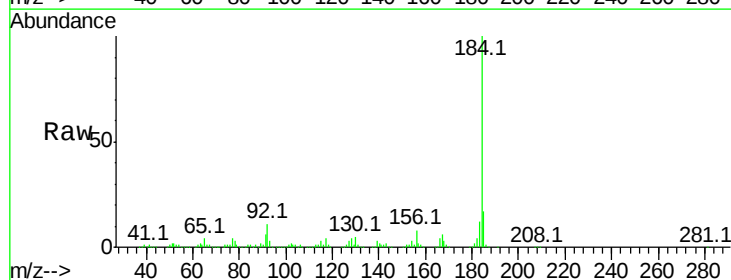
Tgt Ion:184 Resp: 1101981

Ion Ratio Lower Upper

184 100

185 16.7 11.1 16.7#

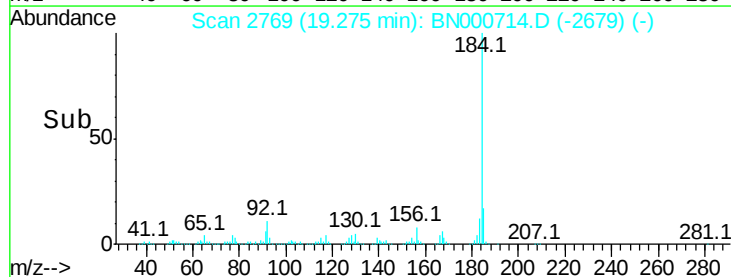
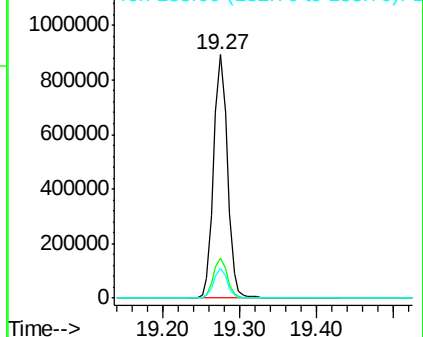
183 12.0 10.6 16.0

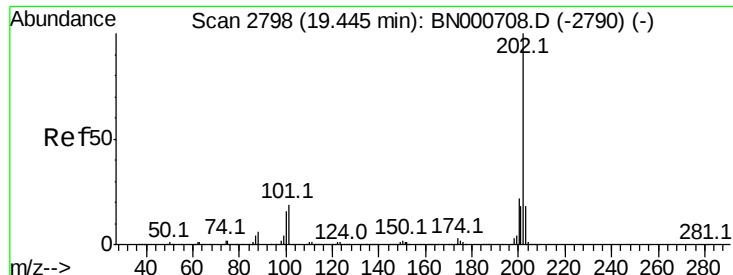


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

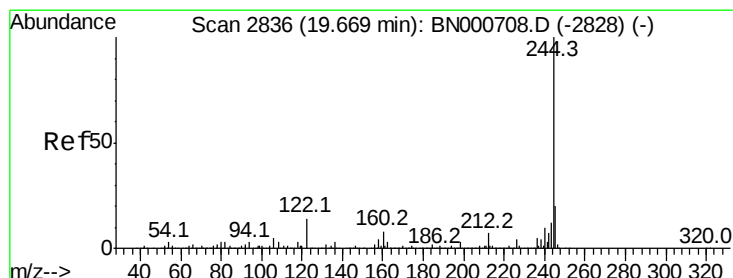
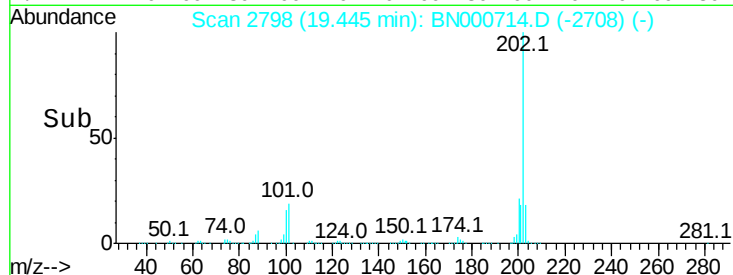
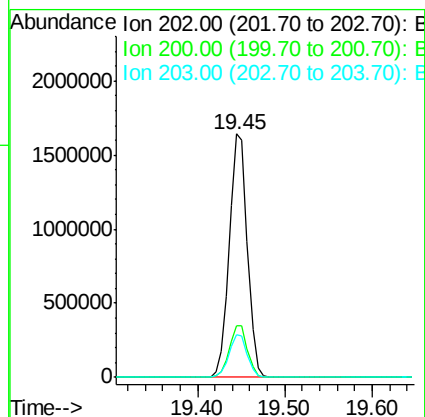
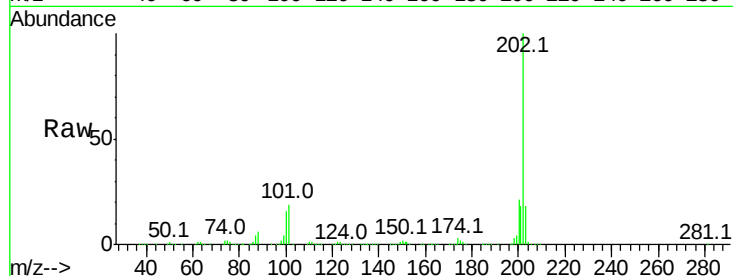




#77
Pvrene
Concen: 38.167 ng
RT: 19.45 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

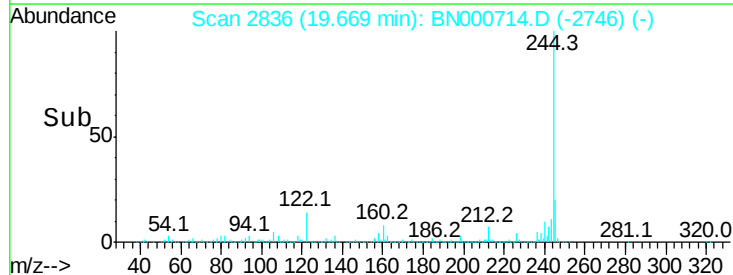
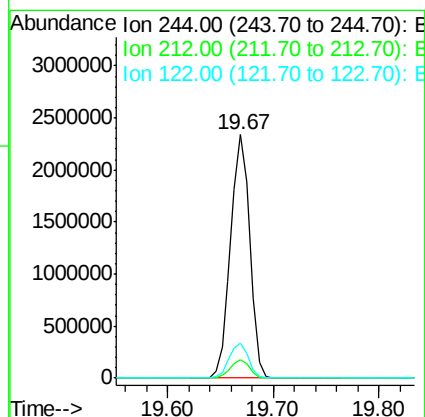
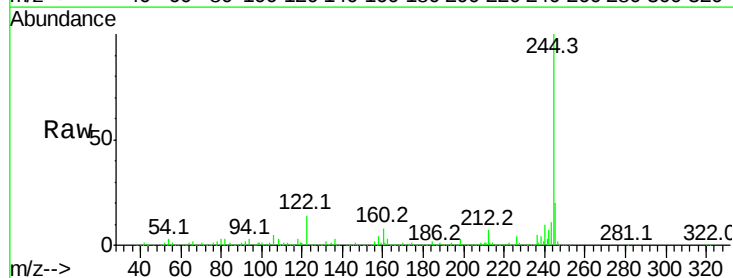
Instrument :
BNA_N
ClientSampleId :

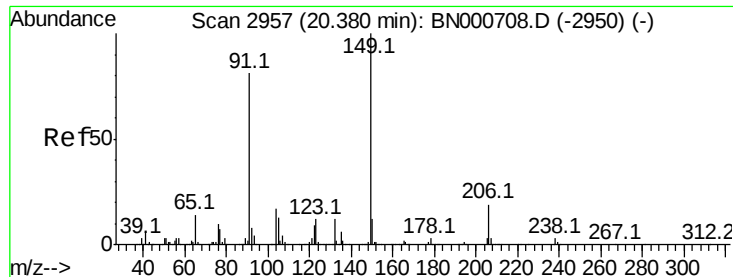
Tot Ion:202 Resp: 2298954
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.8 13.9 20.9



#78
Terphenyl-d14
Concen: 75.696 ng
RT: 19.67 min Scan# 2836
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Tgt Ion:244 Resp: 2920538
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 14.4 7.0 10.4#

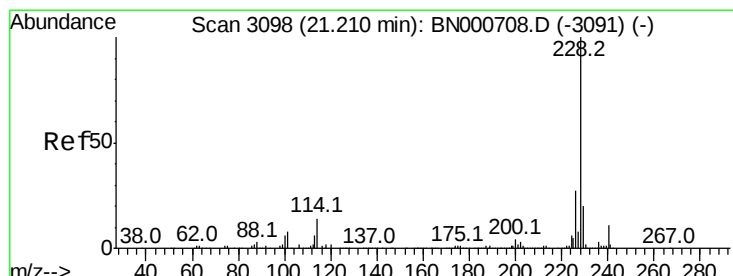
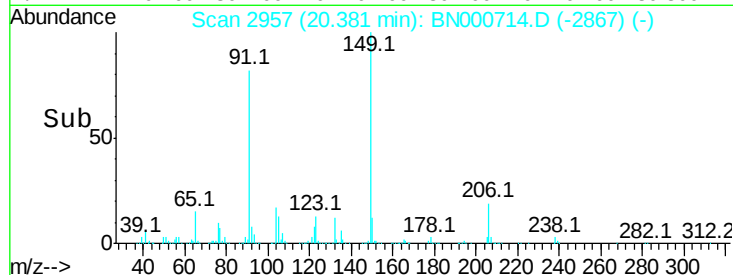
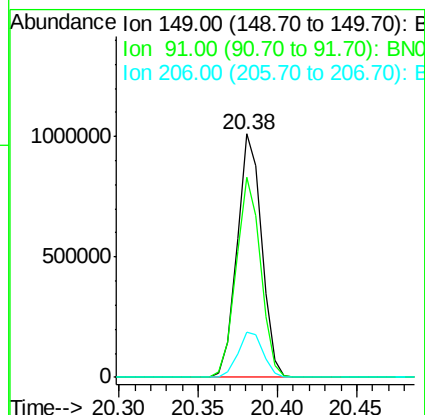
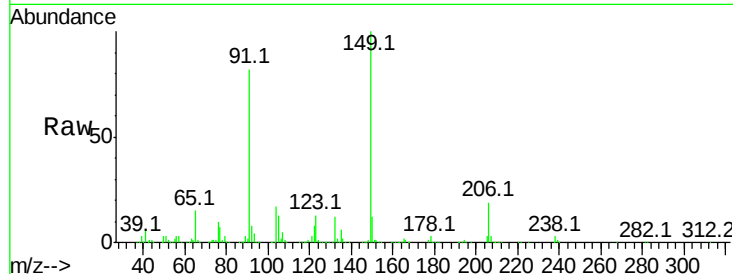




#79
Butylbenzylphthalate
Concen: 41.163 ng
RT: 20.38 min Scan# 2957
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

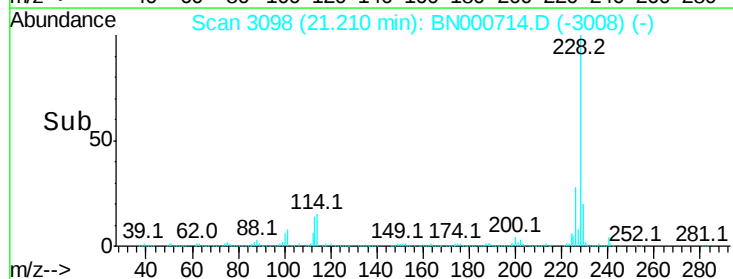
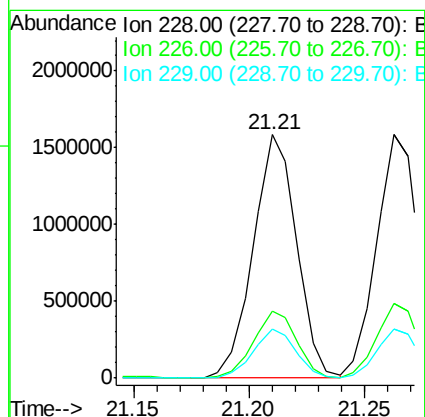
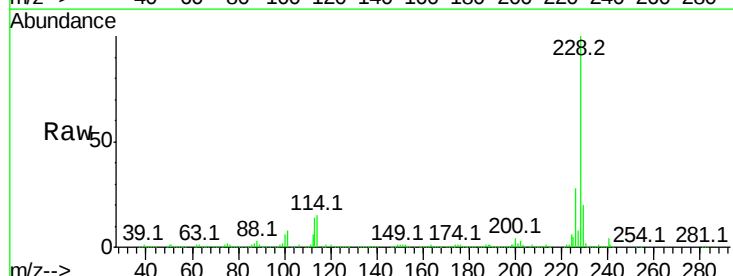
Instrument :
BNA_N
ClientSampled :

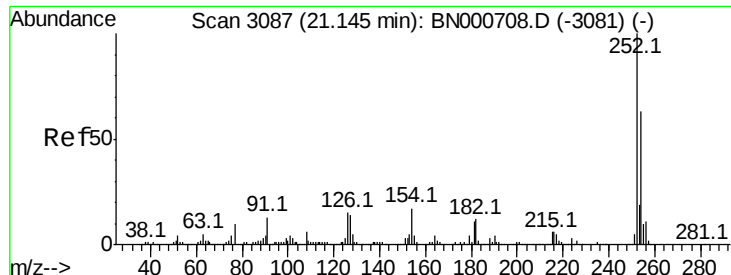
Tot Ion:149 Resp: 1079838
Ion Ratio Lower Upper
149 100
91 82.1 62.2 93.2
206 18.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 39.098 ng
RT: 21.21 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BN000714.D
Acq: 09 Apr 2018 17:59

Tgt Ion:228 Resp: 2073354
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 20.0 16.2 24.2

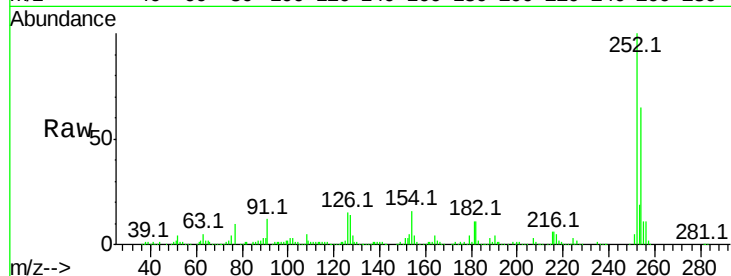




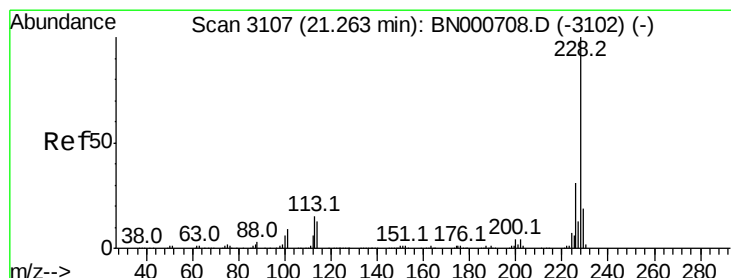
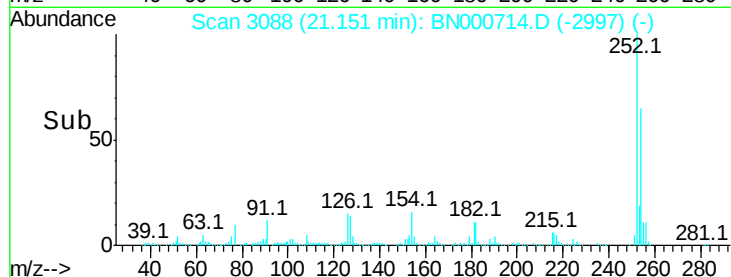
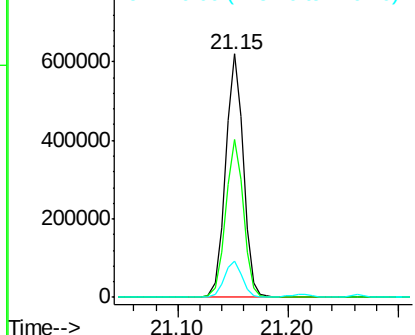
#81
 3,3'-Dichlorobenzidine
 Concen: 43.354 ng
 RT: 21.15 min Scan# 3088
 Delta R.T. 0.01 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:252 Resp: 700526
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.8 76.2
 126 14.8 7.4 11.2#

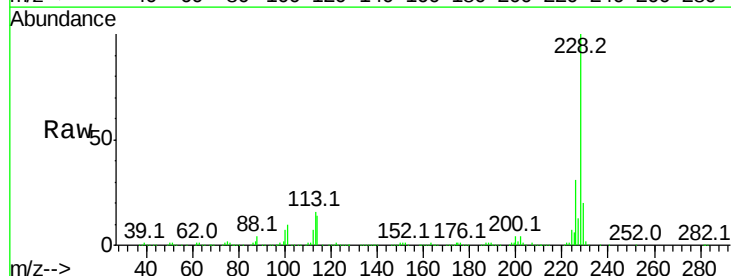


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

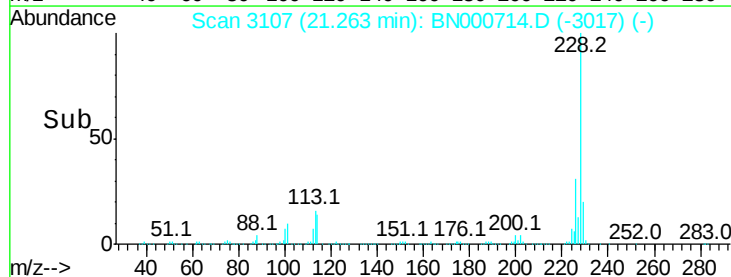
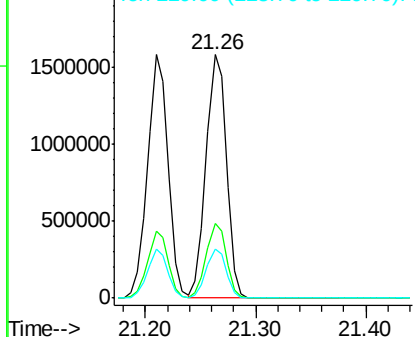


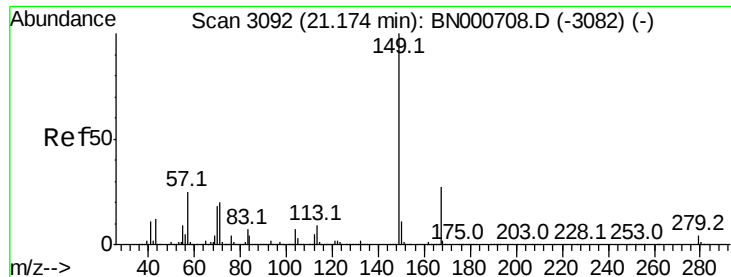
#82
 Chrysene
 Concen: 38.316 ng
 RT: 21.26 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BN000714.D
 Acq: 09 Apr 2018 17:59

Tgt Ion:228 Resp: 1981828
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 19.9 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.294 ng

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampleId :

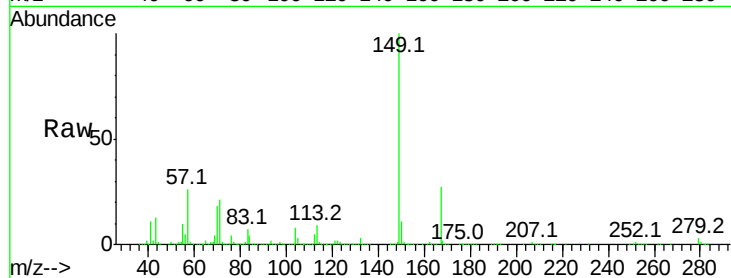
Tot Ion:149 Resp: 1644412

Ion	Ratio	Lower	Upper
149	100		
167	27.0	24.3	36.5
279	3.5	4.0	6.0

149 100

167 27.0 24.3 36.5

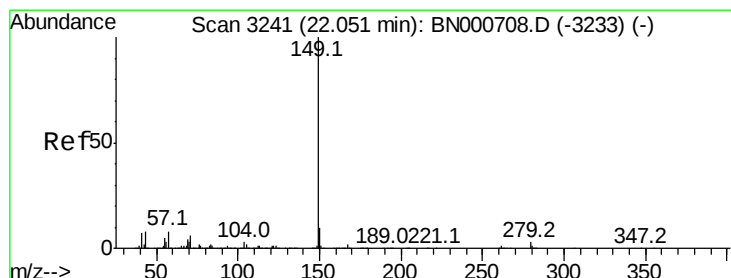
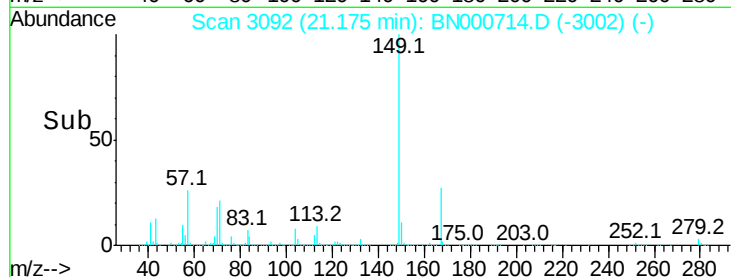
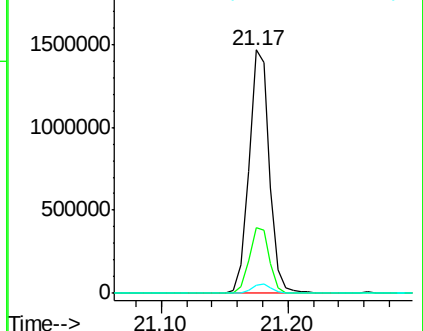
279 3.5 4.0 6.0



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



#84

Di-n-octyl phthalate

Concen: 45.582 ng

RT: 22.06 min Scan# 3242

Delta R.T. 0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

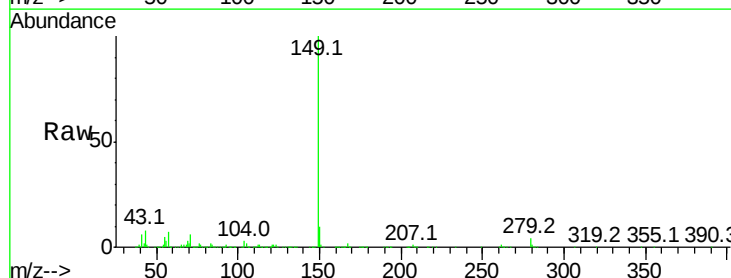
Tgt Ion:149 Resp: 2427485

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.0
43	8.2	8.9	13.3

149 100

167 1.5 1.4 2.0

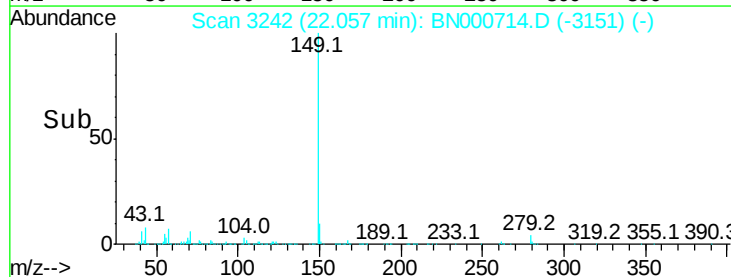
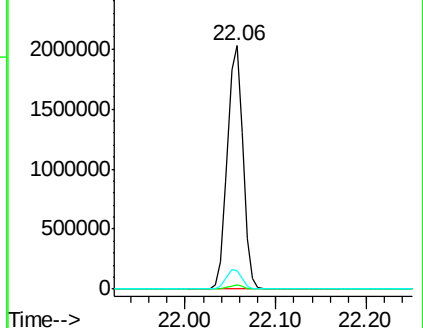
43 8.2 8.9 13.3

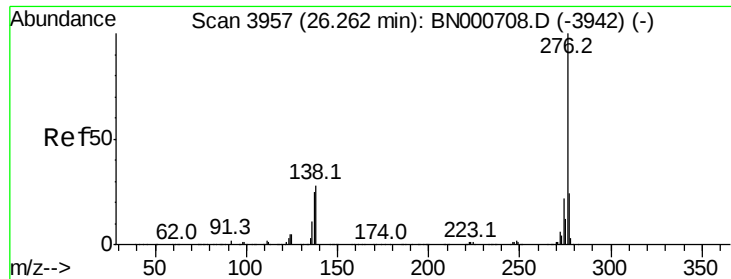


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.157 ng

RT: 26.27 min Scan# 3959

Delta R.T. 0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampleId :

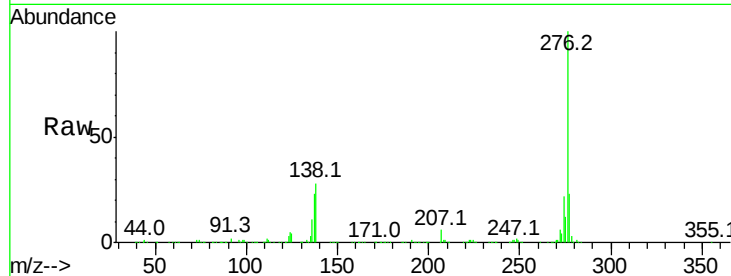
Tot Ion:276 Resp: 1414002

Ion Ratio Lower Upper

276 100

138 28.2 16.0 24.0#

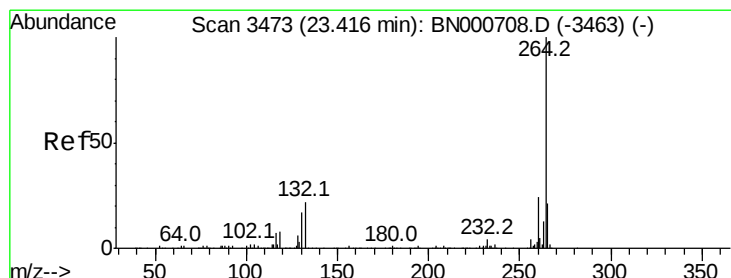
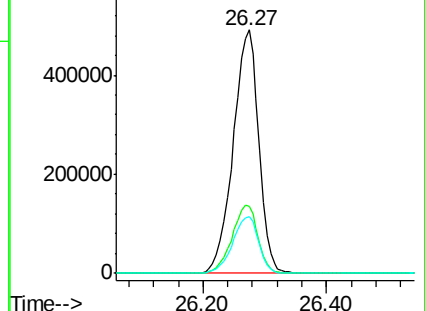
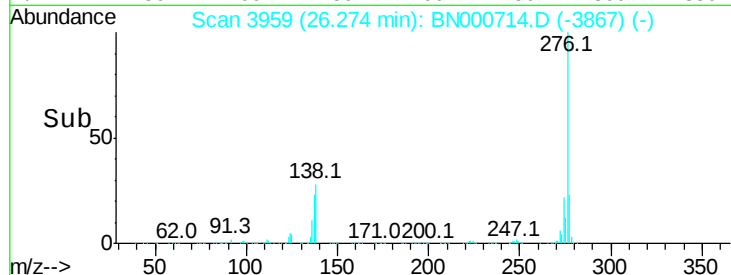
277 23.8 20.0 30.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.42 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

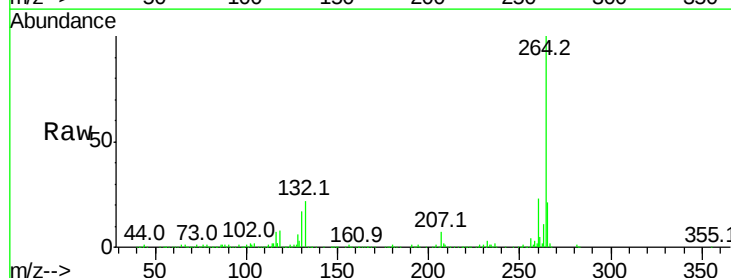
Tgt Ion:264 Resp: 773062

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

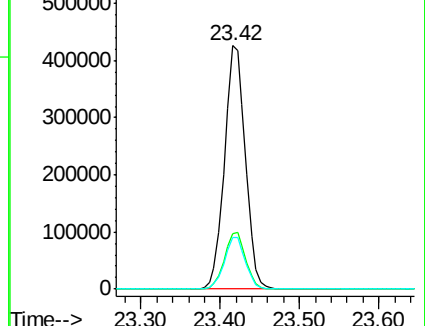
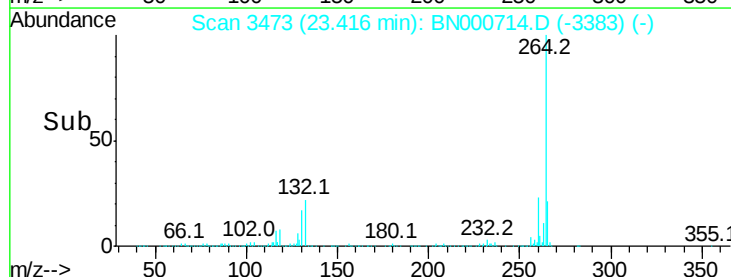
265 21.1 17.7 26.5

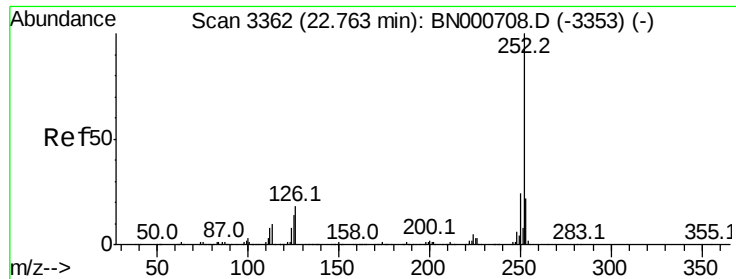


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.383 ng

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampleId :

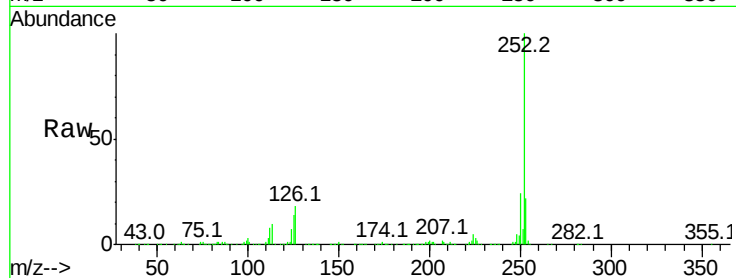
Tot Ion:252 Resp: 1894586

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

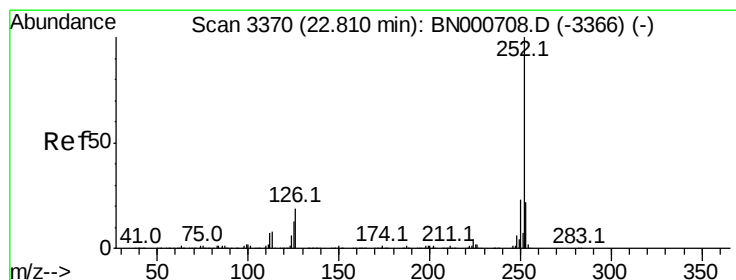
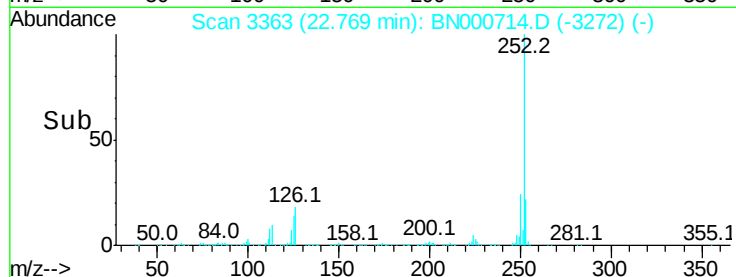
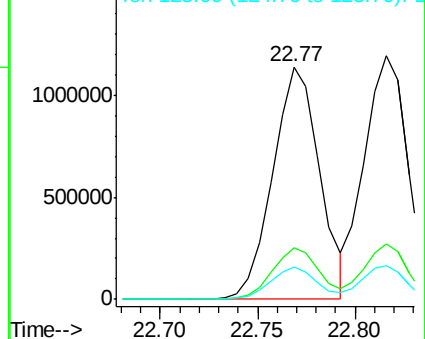
125 13.9 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.444 ng

RT: 22.82 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

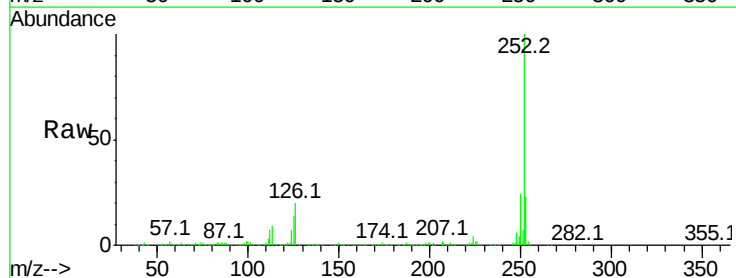
Tgt Ion:252 Resp: 1859922

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

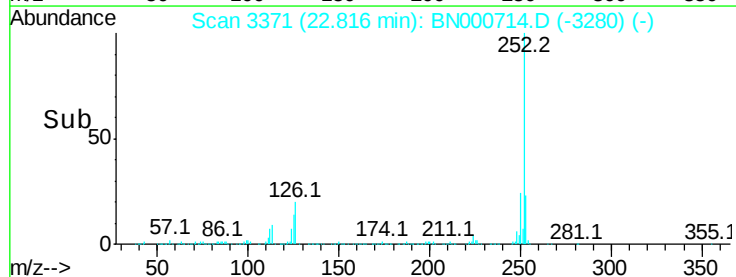
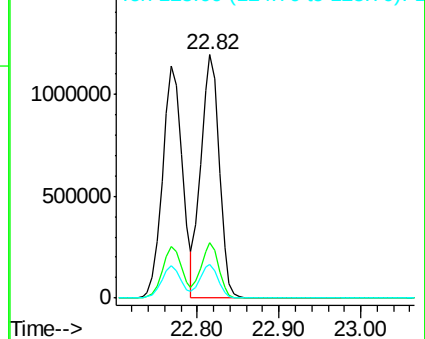
125 13.7 6.6 9.8#

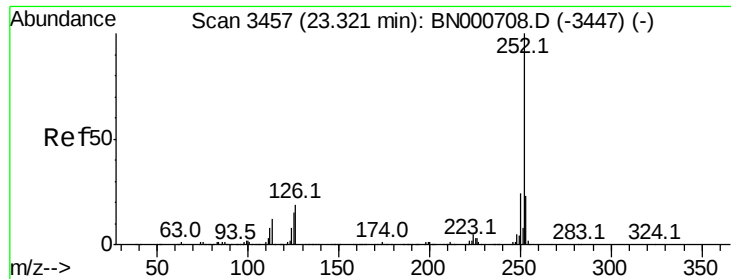


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.420 ng

RT: 23.33 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampleId :

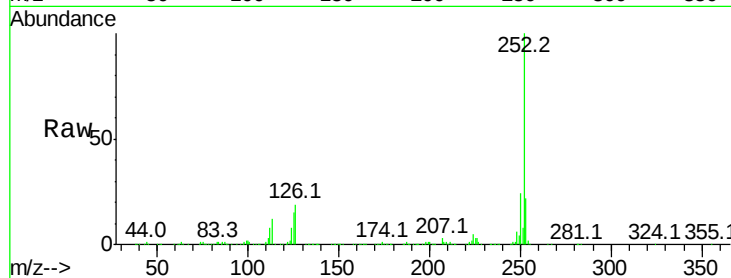
Tot Ion:252 Resp: 1732284

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

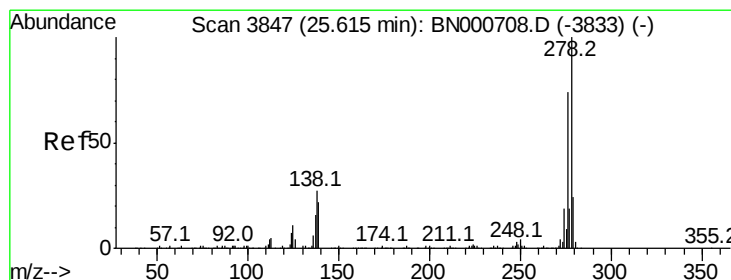
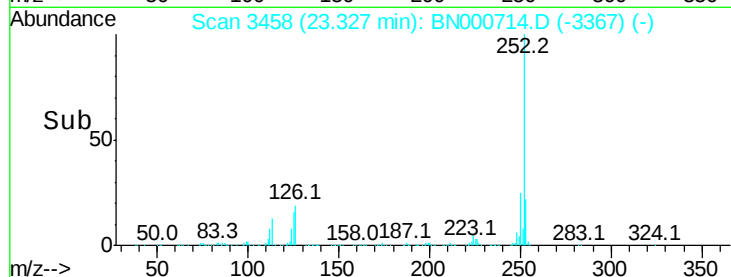
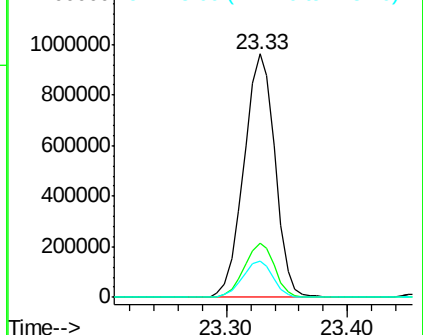
125 15.0 7.3 10.9#



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

Dibenzo(a,h)anthracene

Concen: 36.020 ng

RT: 25.63 min Scan# 3849

Delta R.T. 0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

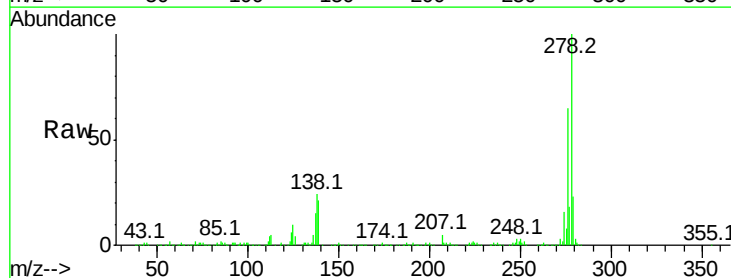
Tgt Ion:278 Resp: 1521729

Ion Ratio Lower Upper

278 100

139 20.6 9.8 14.6#

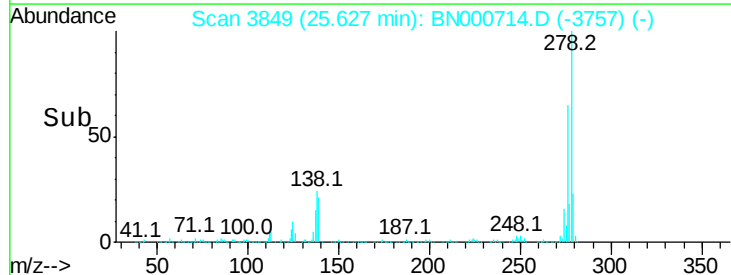
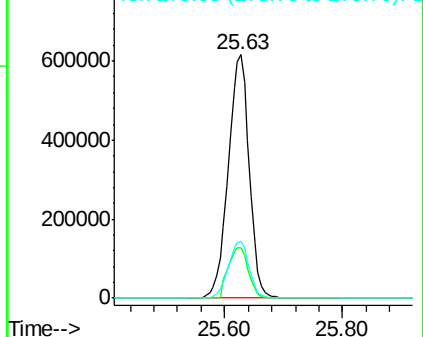
279 23.3 18.4 27.6

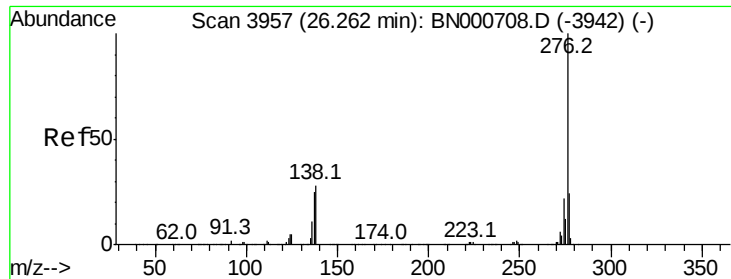


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.480 ng

RT: 26.27 min Scan# 3959

Delta R.T. 0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA_N

ClientSampleId :

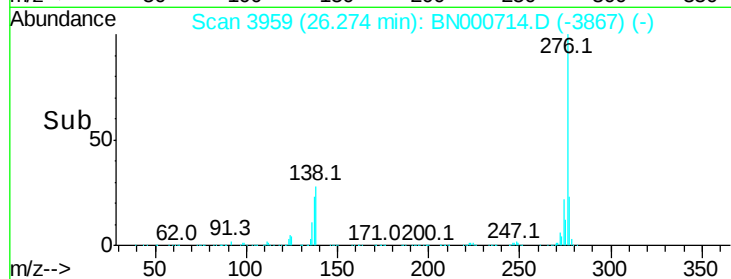
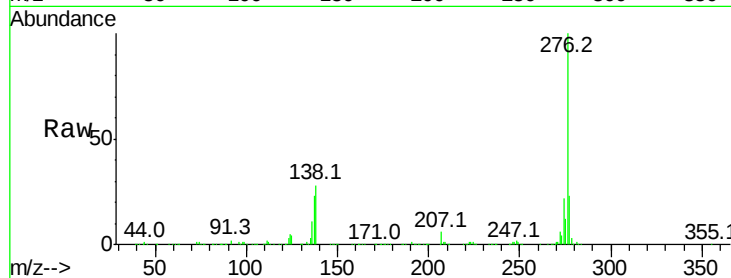
Tot Ion:276 Resp: 1414002

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 27.7 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

