

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003491.D
 Acq On : 10 Nov 2018 02:23
 Operator : MJ/SJ
 Sample : PB114671BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

Quant Time: Nov 12 03:23:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	95213	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	413145	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	230753	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	439820	20.00	ng	0.00
76) Chrysene-d12	21.40	240	331989	20.00	ng	0.00
87) Perylene-d12	23.72	264	370646	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	603324	110.37	ng	0.00
7) Phenol-d6	7.01	99	779615	100.30	ng	0.00
23) Nitrobenzene-d5	9.02	82	651165	90.39	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	330941	106.51	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1782342	104.77	ng	0.00
79) Terphenyl-d14	19.84	244	1578356	101.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	74206	28.590	ng	92
3) Pyridine	3.73	79	217638	36.694	ng	91
4) n-Nitrosodimethylamine	3.65	42	88563	40.557	ng	# 87
6) Aniline	7.18	93	221353	22.804	ng	96
8) 2-Chlorophenol	7.41	128	318025	47.233	ng	95
9) Benzaldehyde	6.99	77	148294	32.849	ng	98
10) Phenol	7.03	94	371549	45.295	ng	96
11) bis(2-Chloroethyl)ether	7.28	93	262175	39.131	ng	93
12) 1,3-Dichlorobenzene	7.73	146	313562	41.887	ng	97
13) 1,4-Dichlorobenzene	7.89	146	319875	41.498	ng	97
14) 1,2-Dichlorobenzene	8.20	146	309865	41.420	ng	100
15) Benzyl Alcohol	8.09	79	241580	43.128	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.37	45	339469	34.558	ng	96
17) 2-Methylphenol	8.28	107	261387	46.626	ng	98
18) Hexachloroethane	8.92	117	108778	40.283	ng	94
19) n-Nitroso-di-n-propylamine	8.66	70	202685	36.160	ng	95
20) 3+4-Methylphenols	8.61	107	351577	44.149	ng	98
22) Acetophenone	8.67	105	422377	42.177	ng	97
24) Nitrobenzene	9.06	77	298130	40.555	ng	94
25) Isophorone	9.57	82	567878	44.939	ng	96
26) 2-Nitrophenol	9.76	139	168506	43.550	ng	94
27) 2,4-Dimethylphenol	9.81	122	296174	54.441	ng	97
28) bis(2-Chloroethoxy)methane	10.06	93	373151	43.832	ng	98
29) 2,4-Dichlorophenol	10.29	162	307439	49.521	ng	97
30) 1,2,4-Trichlorobenzene	10.50	180	308747	43.746	ng	99
31) Naphthalene	10.70	128	934129	46.269	ng	100
32) Benzoic acid	9.95	122	188993	41.379	ng	93
33) 4-Chloroaniline	10.81	127	55887	6.265	ng	96
34) Hexachlorobutadiene	10.96	225	185009	43.928	ng	98
35) Caprolactam	11.60	113	45541	18.734	ng	# 81
36) 4-Chloro-3-methylphenol	11.92	107	303333	43.808	ng	95
37) 2-Methylnaphthalene	12.30	142	695852	48.230	ng	100
38) 1-Methylnaphthalene	12.53	142	655267	46.501	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	365345	47.860	ng	99

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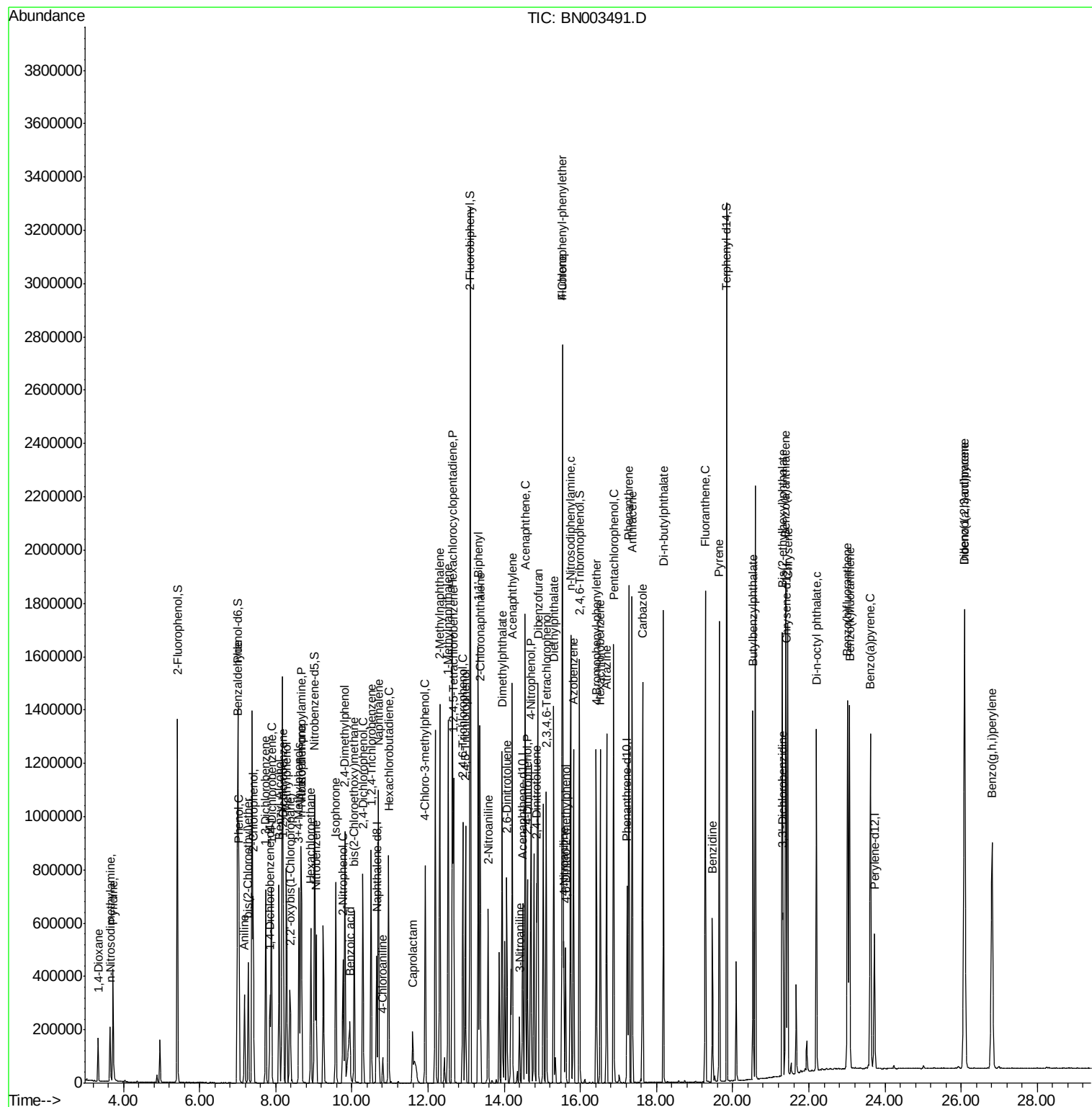
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	497221	142.379	ng	98
43) 2,4,6-Trichlorophenol	12.91	196	245334	50.867	ng	98
44) 2,4,5-Trichlorophenol	12.98	196	260594	51.800	ng	98
46) 1,1'-Biphenyl	13.32	154	880235	43.463	ng	99
47) 2-Chloronaphthalene	13.36	162	676978	45.317	ng	98
48) 2-Nitroaniline	13.57	65	165290	37.657	ng	89
49) Acenaphthylene	14.21	152	1089393	47.643	ng	100
50) Dimethylphthalate	13.95	163	839954	45.019	ng	100
51) 2,6-Dinitrotoluene	14.07	165	184848	43.651	ng	93
52) Acenaphthene	14.55	154	624266	45.059	ng	98
53) 3-Nitroaniline	14.40	138	67429	14.895	ng	92
54) 2,4-Dinitrophenol	14.60	184	181275	74.854	ng	91
55) Dibenzofuran	14.89	168	995901	44.184	ng	99
56) 4-Nitrophenol	14.70	139	390699	117.047	ng	91
57) 2,4-Dinitrotoluene	14.86	165	243132	42.344	ng	# 76
58) Fluorene	15.53	166	781103	44.909	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	228430	51.709	ng	97
60) Diethylphthalate	15.30	149	804896	42.512	ng	99
61) 4-Chlorophenyl-phenylether	15.53	204	418385	43.296	ng	97
62) 4-Nitroaniline	15.57	138	165128	37.338	ng	95
63) Azobenzene	15.82	77	684051	39.093	ng	96
65) 4,6-Dinitro-2-methylphenol	15.61	198	125052	40.749	ng	94
66) n-Nitrosodiphenylamine	15.75	169	680031	49.390	ng	99
67) 4-Bromophenyl-phenylether	16.42	248	266235	53.748	ng	97
68) Hexachlorobenzene	16.53	284	294205	52.136	ng	95
69) Atrazine	16.69	200	237831	48.740	ng	98
70) Pentachlorophenol	16.87	266	322748	110.513	ng	99
71) Phenanthrene	17.27	178	1104841	47.782	ng	98
72) Anthracene	17.36	178	1121855	48.622	ng	99
73) Carbazole	17.63	167	926134	38.760	ng	99
74) Di-n-butylphthalate	18.18	149	1232128	44.206	ng	100
75) Fluoranthene	19.28	202	1064548	39.079	ng	99
77) Benzidine	19.47	184	332994	34.262	ng	99
78) Pyrene	19.64	202	1039704	53.285	ng	99
80) Butylbenzylphthalate	20.53	149	423327	46.724	ng	97
81) Benzo(a)anthracene	21.39	228	924719	47.830	ng	99
82) 3,3'-Dichlorobenzidine	21.32	252	194407	24.299	ng	100
83) Chrysene	21.44	228	863166	46.443	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	594112	44.218	ng	# 99
85) Di-n-octyl phthalate	22.20	149	894069	38.778	ng	98
86) Indeno(1,2,3-cd)pyrene	26.09	276	1263478	59.318	ng	98
88) Benzo(b)fluoranthene	23.02	252	984777	48.255	ng	99
89) Benzo(k)fluoranthene	23.07	252	994662	49.695	ng	99
90) Benzo(a)pyrene	23.62	252	982965	50.539	ng	98
91) Dibenzo(a,h)anthracene	26.09	278	1064101	55.275	ng	99
92) Benzo(g,h,i)perylene	26.81	276	1056683	57.176	ng	98

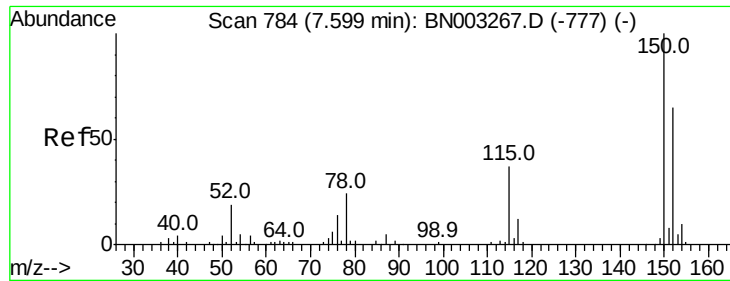
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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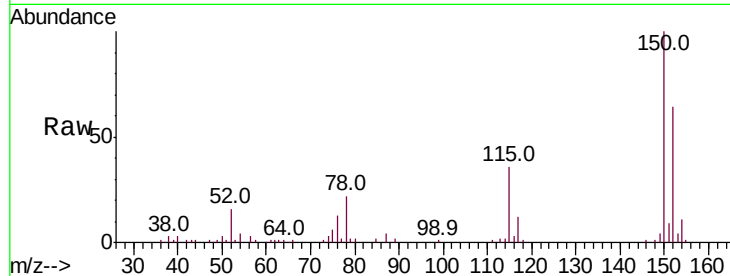


#1

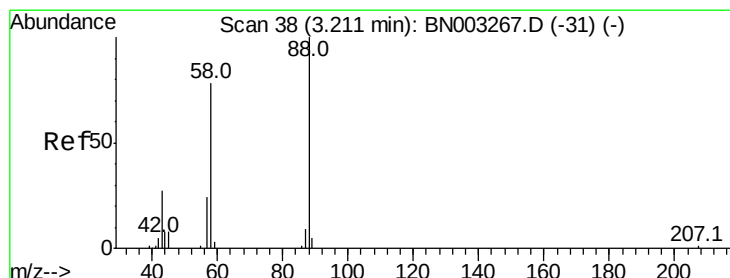
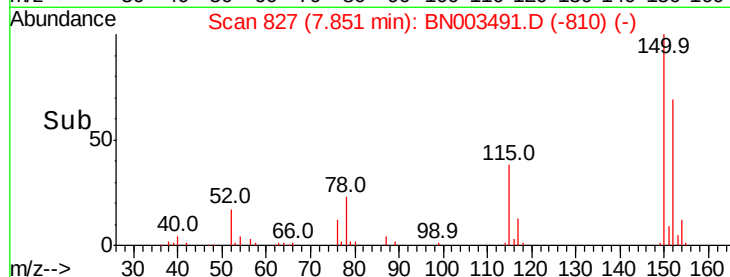
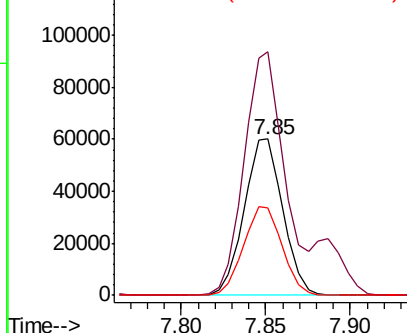
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

Tot Ion:152 Resp: 95213
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.8 185.8
 115 55.8 45.9 68.9



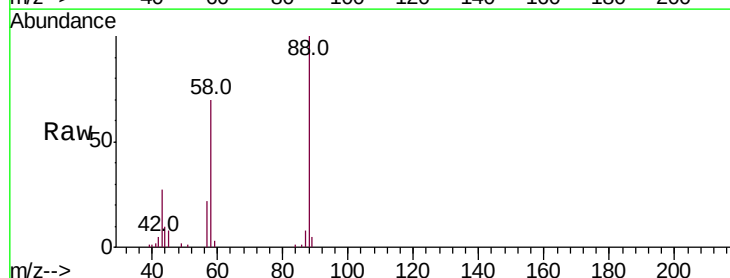
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



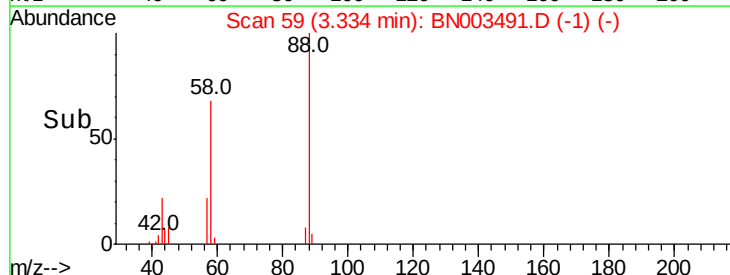
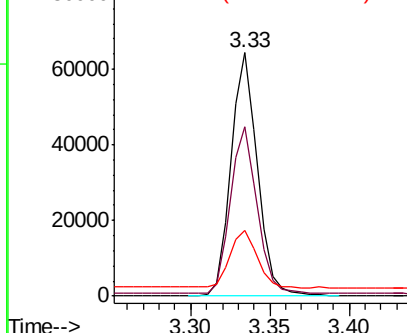
#2

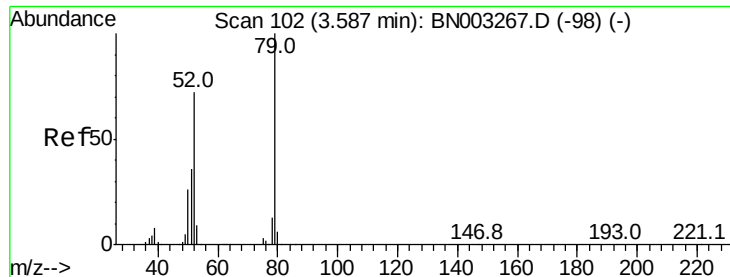
1,4-Dioxane
 Concen: 28.590 ng
 RT: 3.33 min Scan# 59
 Delta R.T. -0.00 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion: 88 Resp: 74206
 Ion Ratio Lower Upper
 88 100
 58 69.2 61.1 91.7
 43 24.3 22.2 33.4



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





#3

Pvridine

Concen: 36.694 ng

RT: 3.73 min Scan# 126

Delta R.T. -0.00 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

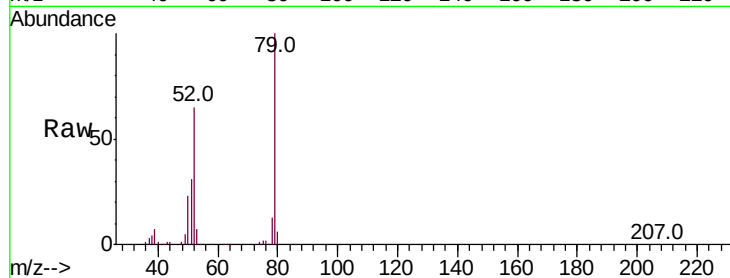
Tot Ion: 79 Resp: 217638

Ion Ratio Lower Upper

79 100

52 64.6 57.7 86.5

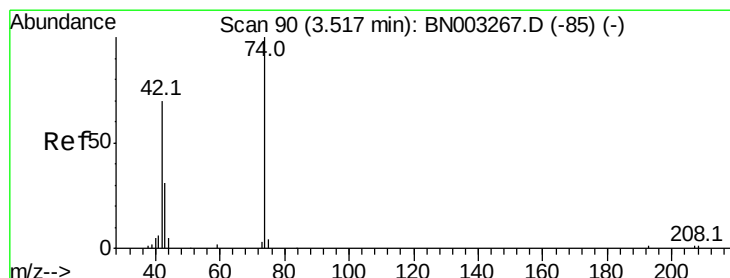
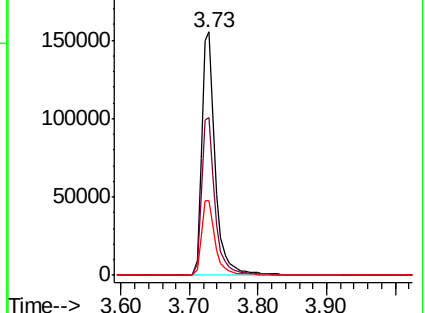
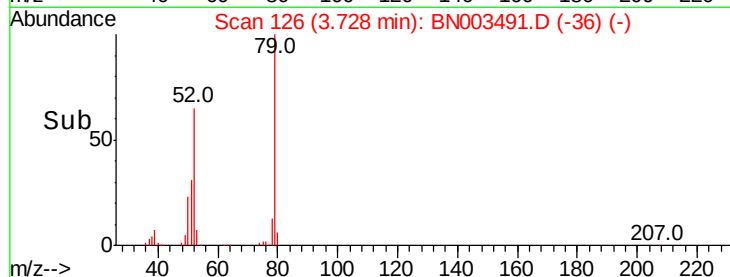
51 30.8 28.7 43.1



Abundance Ion 79.00 (78.70 to 79.70): BN003491.D (-36) (-)

Ion 52.00 (51.70 to 52.70): BN003491.D (-36) (-)

Ion 51.00 (50.70 to 51.70): BN003491.D (-36) (-)



#4

n-Nitrosodimethylamine

Concen: 40.557 ng

RT: 3.65 min Scan# 113

Delta R.T. -0.00 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

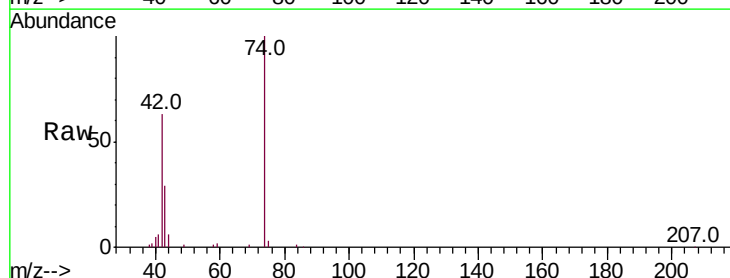
Tgt Ion: 42 Resp: 88563

Ion Ratio Lower Upper

42 100

74 159.5 114.2 171.4

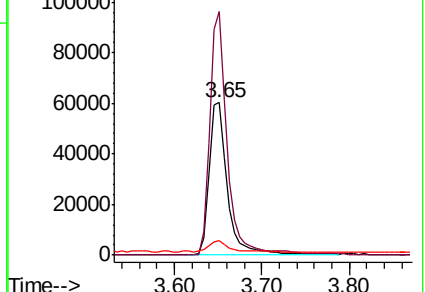
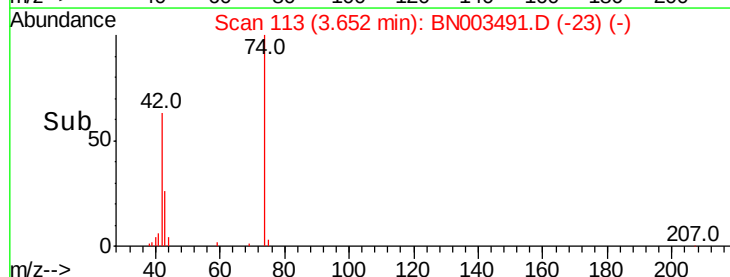
44 9.2 6.1 9.1#

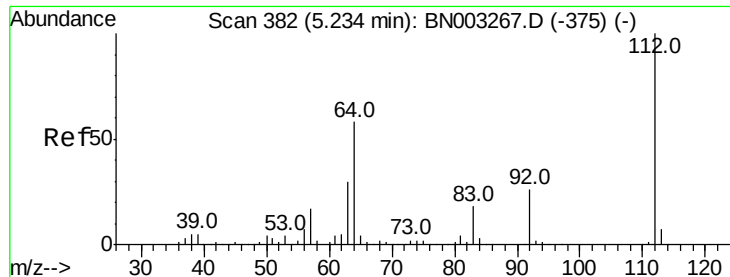


Abundance Ion 42.00 (41.70 to 42.70): BN003491.D (-23) (-)

Ion 74.00 (73.70 to 74.70): BN003491.D (-23) (-)

Ion 44.00 (43.70 to 44.70): BN003491.D (-23) (-)





#5

2-Fluorophenol

Concen: 110.367 ng

RT: 5.42 min Scan# 413

Delta R.T. 0.01 min

Lab File: BN003491.D

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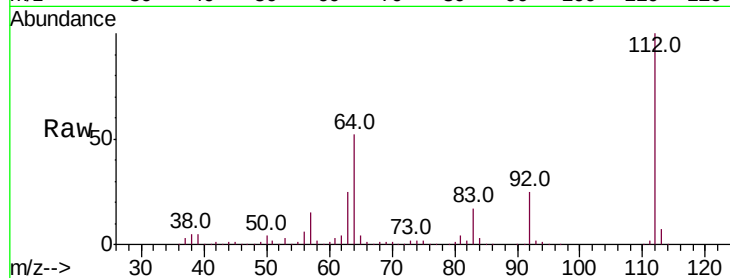
Tot Ion:112 Resp: 603324

Ion Ratio Lower Upper

112 100

64 51.7 46.6 69.8

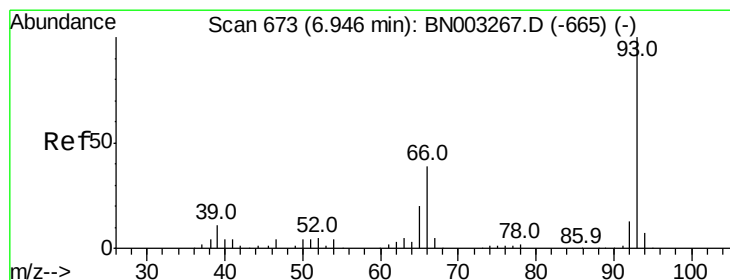
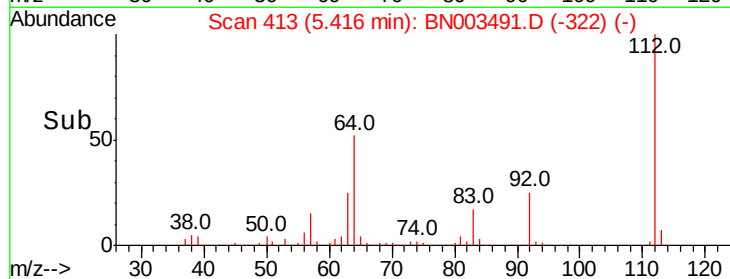
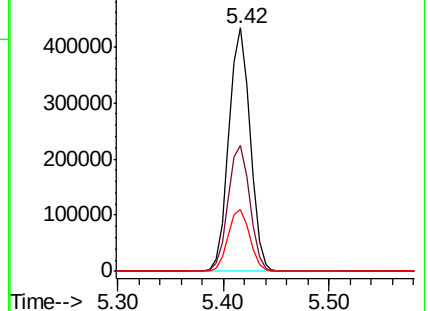
63 25.3 23.8 35.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 22.804 ng

RT: 7.18 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

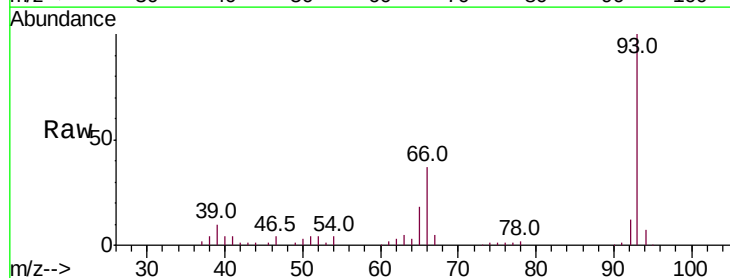
Tgt Ion: 93 Resp: 221353

Ion Ratio Lower Upper

93 100

66 37.0 31.4 47.0

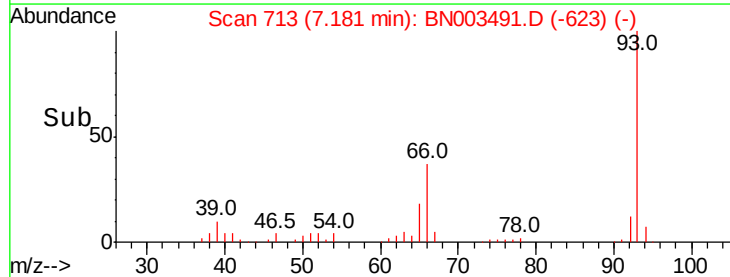
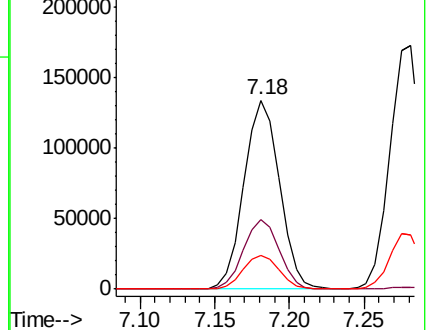
65 17.9 15.7 23.5

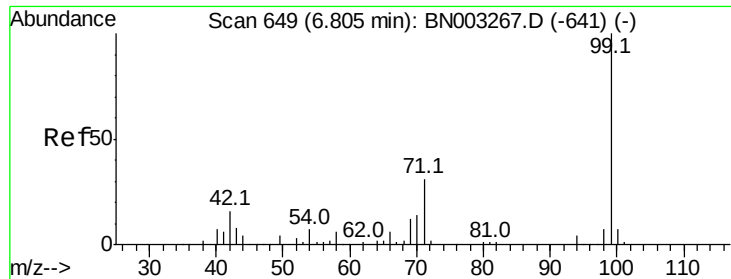


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 100.296 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.00 min

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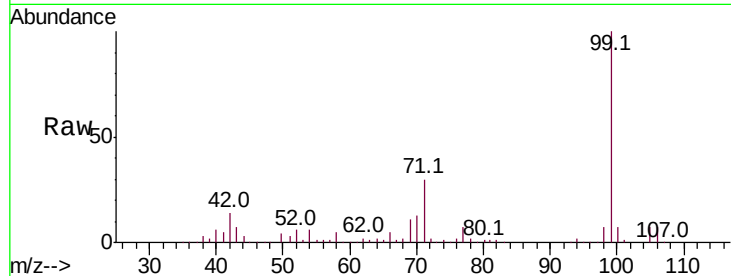
Tot Ion: 99 Resp: 779615

Ion Ratio Lower Upper

99 100

42 14.4 13.0 19.6

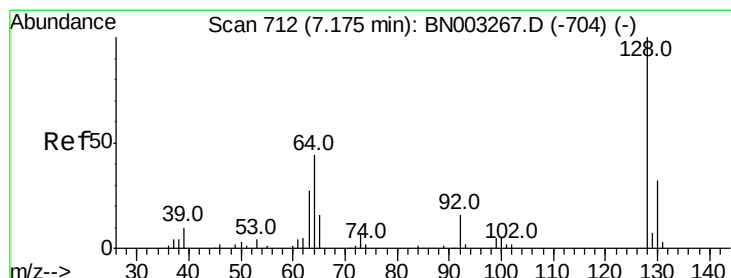
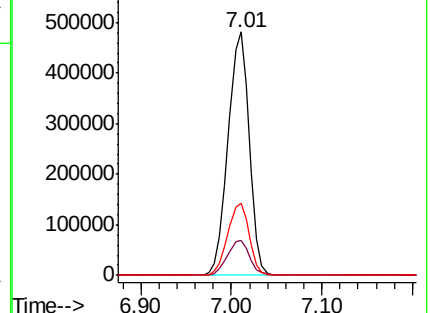
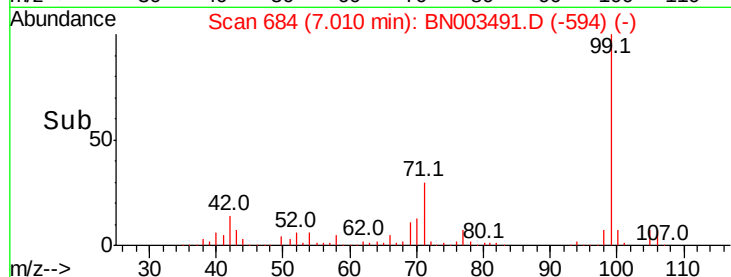
71 29.7 24.5 36.7



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

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

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



#8

2-Chlorophenol

Concen: 47.233 ng

RT: 7.41 min Scan# 752

Delta R.T. -0.00 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

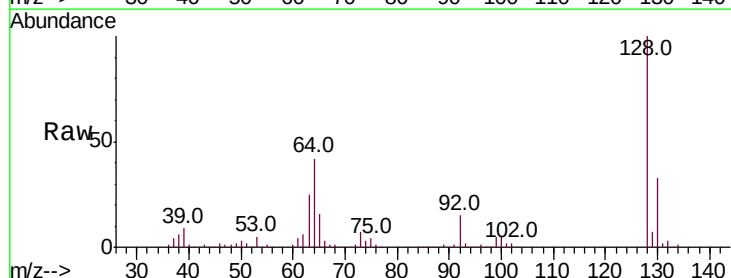
Tgt Ion: 128 Resp: 318025

Ion Ratio Lower Upper

128 100

130 32.5 12.4 52.4

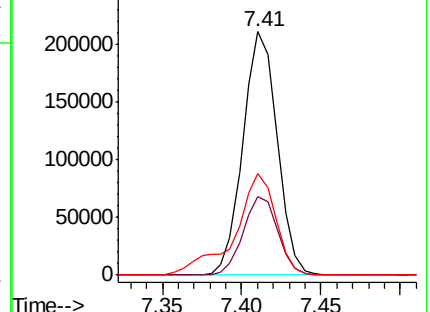
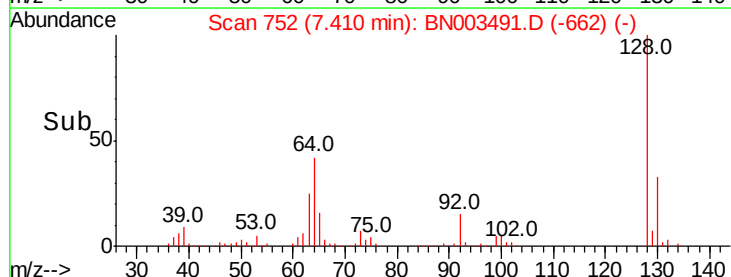
64 41.5 27.0 67.0

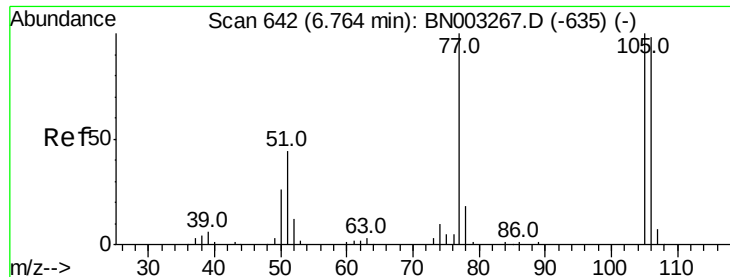


Abundance Ion 128.00 (127.70 to 128.70): BN003267.D (-704) (-)

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

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





#9

Benzaldehyde

Concen: 32.849 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

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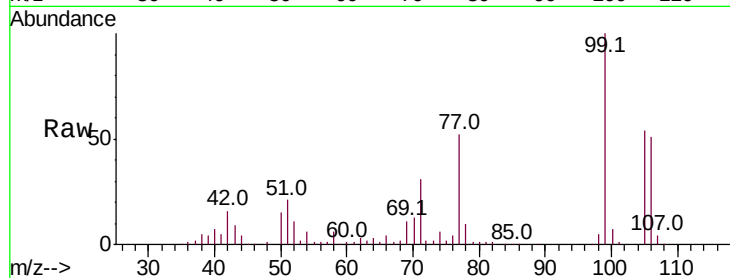
Tot Ion: 77 Resp: 148294

Ion Ratio Lower Upper

77 100

105 103.8 79.9 119.9

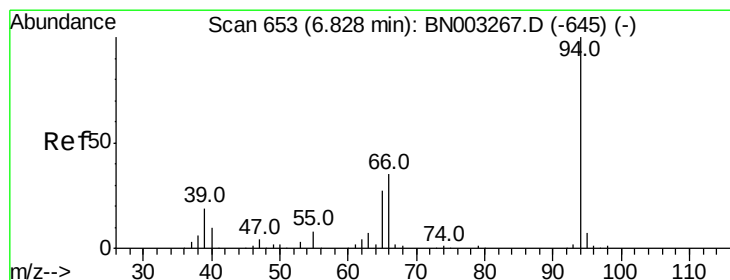
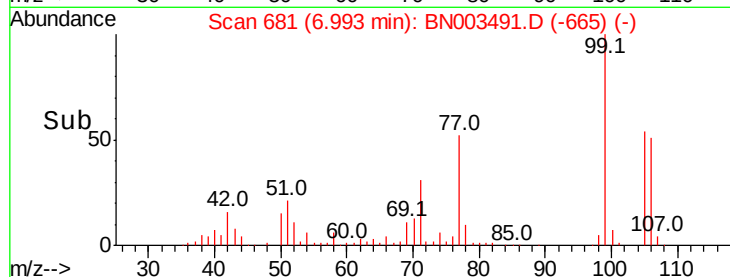
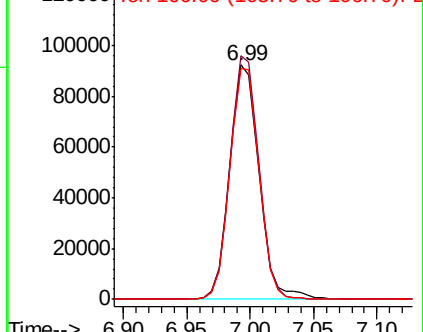
106 98.6 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 45.295 ng

RT: 7.03 min Scan# 688

Delta R.T. -0.00 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

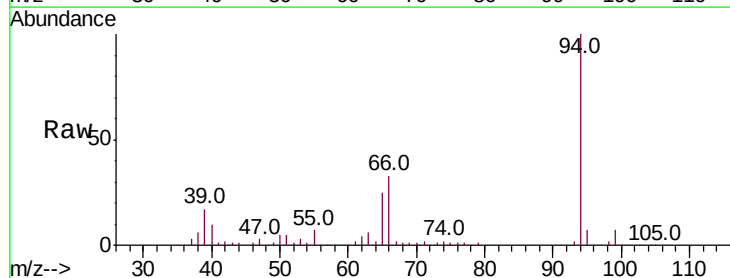
Tgt Ion: 94 Resp: 371549

Ion Ratio Lower Upper

94 100

65 25.4 7.7 47.7

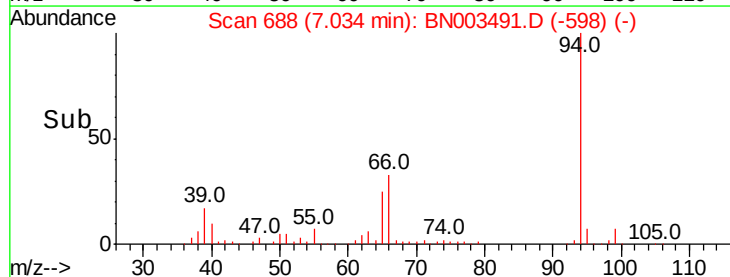
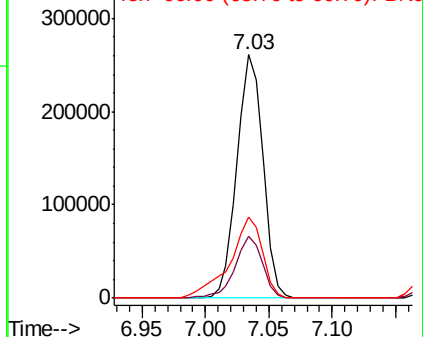
66 33.4 15.8 55.8

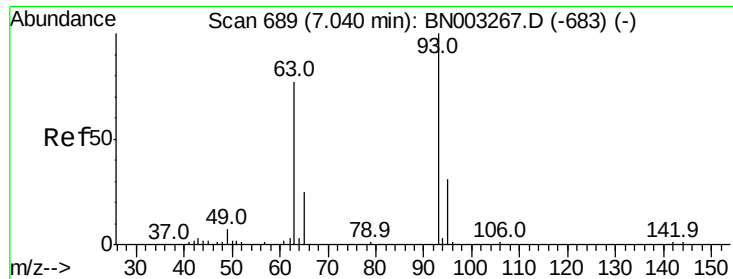


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

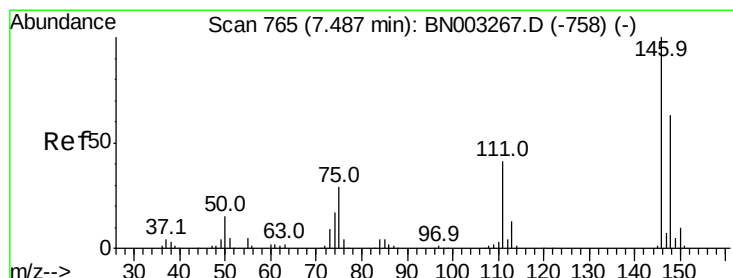
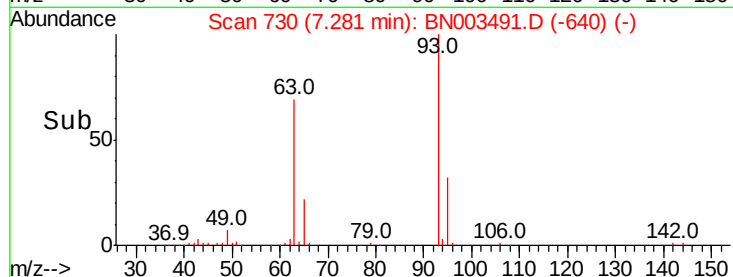
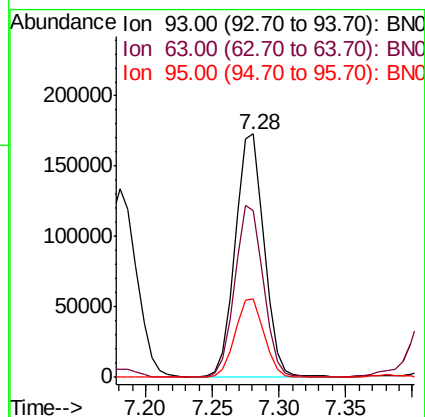
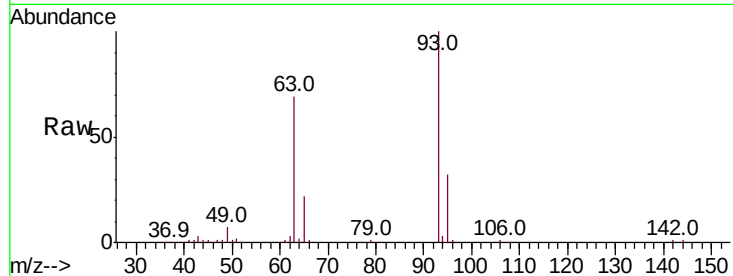




#11
bis(2-Chloroethyl)ether
Concen: 39.131 ng
RT: 7.28 min Scan# 730
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

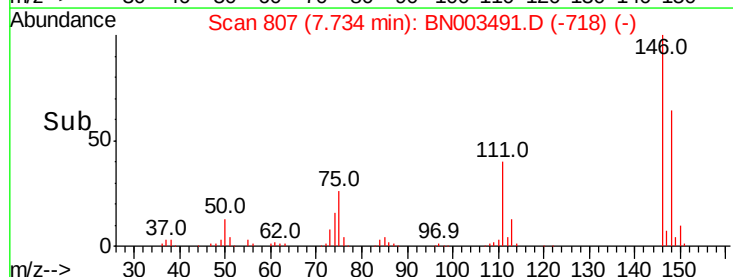
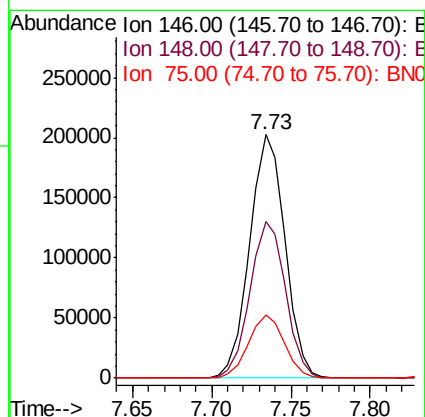
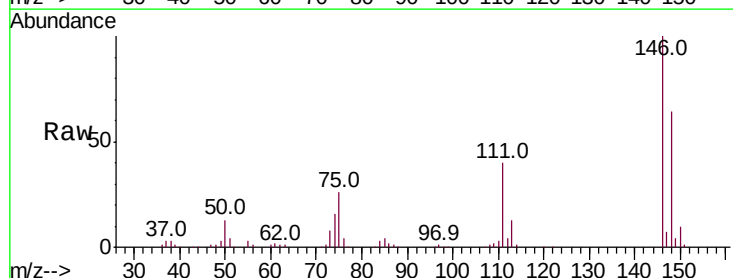
Instrument :
BNA_N
ClientSampleId :
PB114671BSD

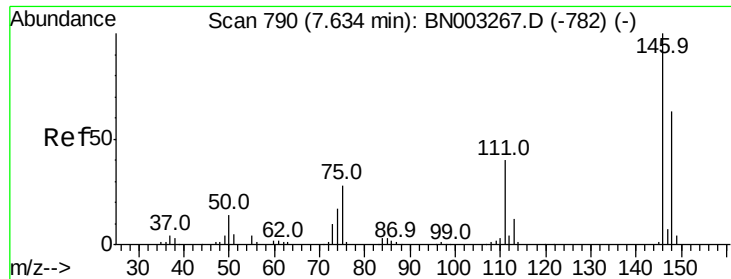
Tot Ion: 93 Resp: 262175
Ion Ratio Lower Upper
93 100
63 68.6 56.6 96.6
95 32.3 10.9 50.9



#12
1,3-Dichlorobenzene
Concen: 41.887 ng
RT: 7.73 min Scan# 807
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion: 146 Resp: 313562
Ion Ratio Lower Upper
146 100
148 64.3 50.1 75.1
75 26.0 22.9 34.3

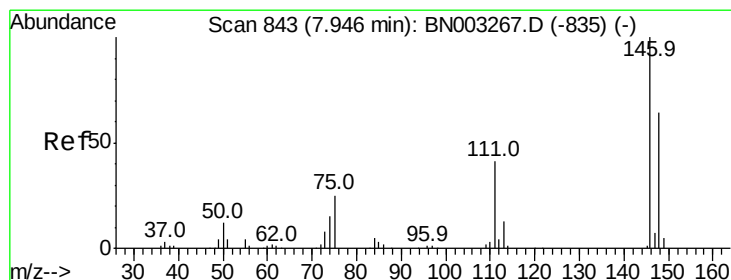
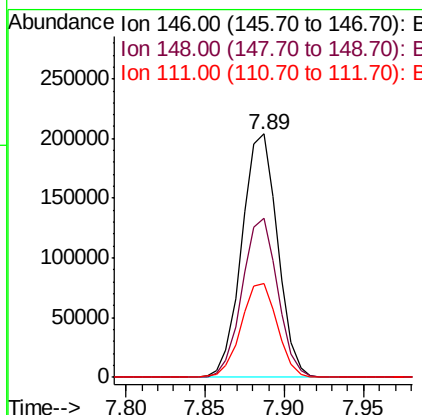
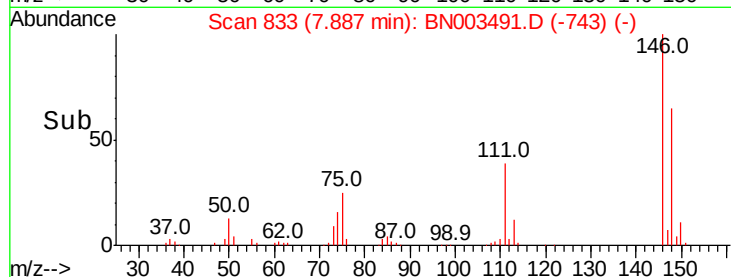
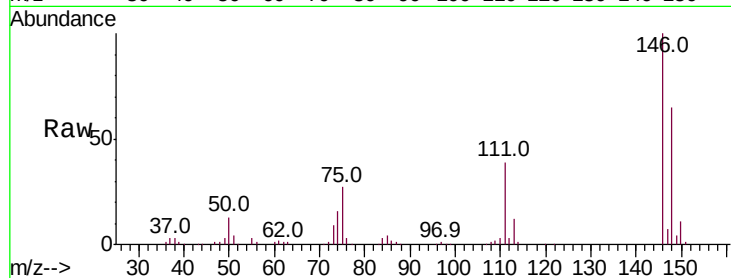




#13
 1,4-Dichlorobenzene
 Concen: 41.498 ng
 RT: 7.89 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

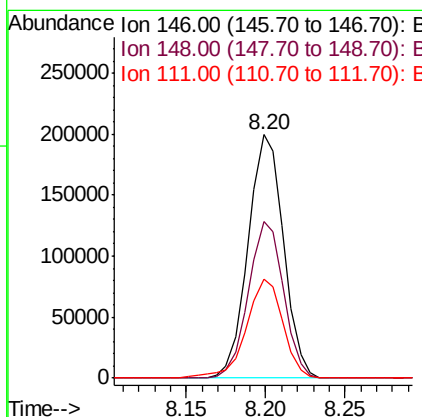
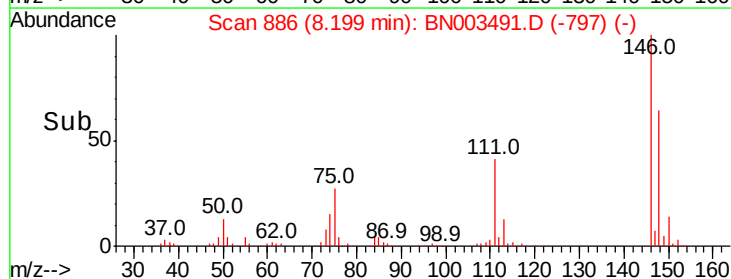
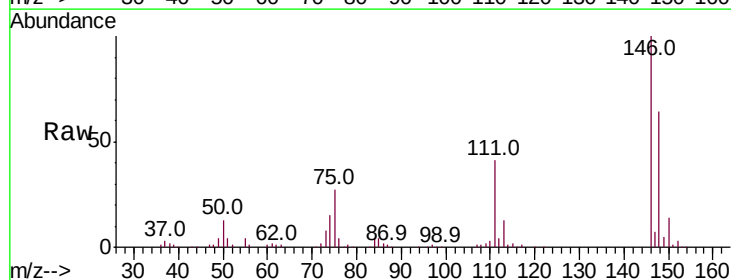
Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

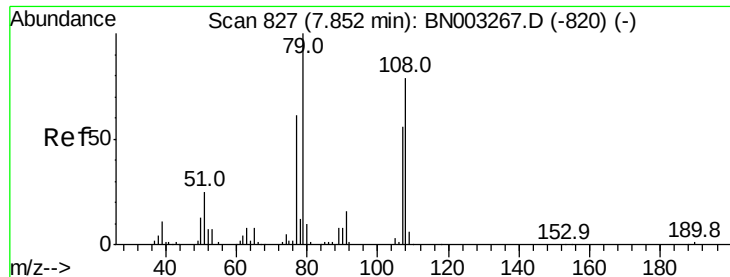
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.2	75.2
111	38.8	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 41.420 ng
 RT: 8.20 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
111	40.8	33.1	49.7

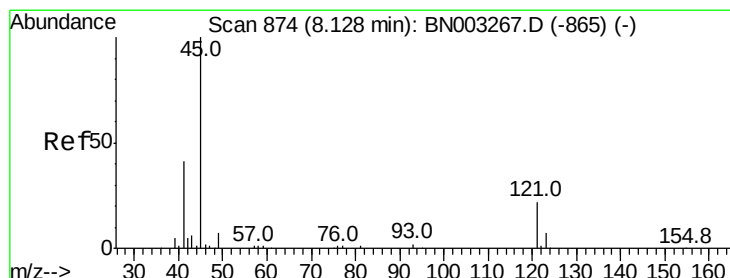
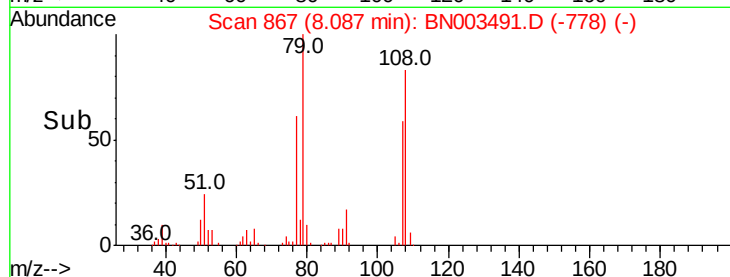
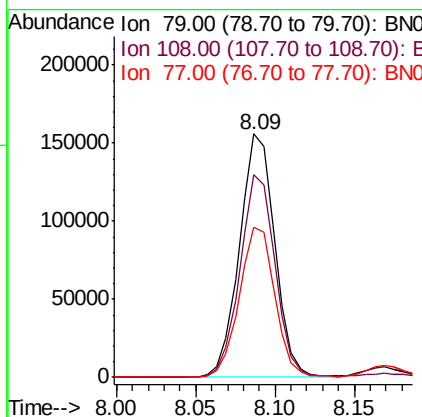
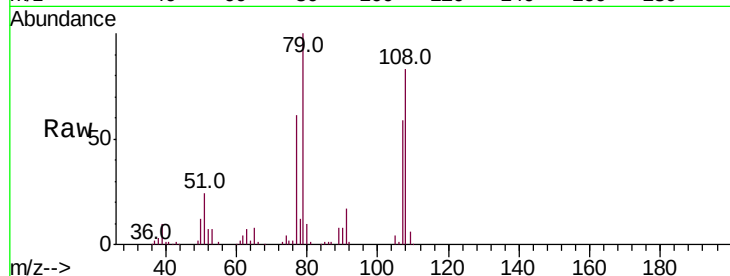




#15
Benzyl Alcohol
Concen: 43.128 ng
RT: 8.09 min Scan# 867
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

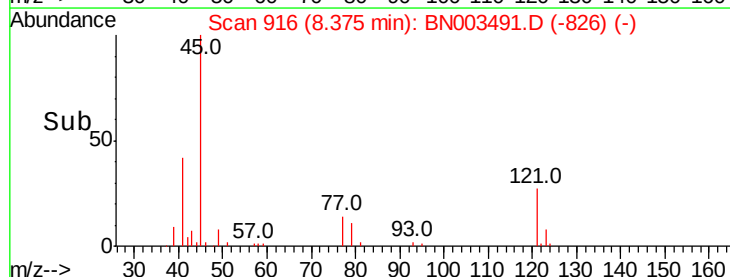
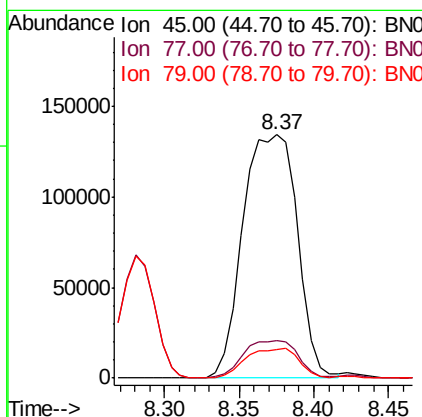
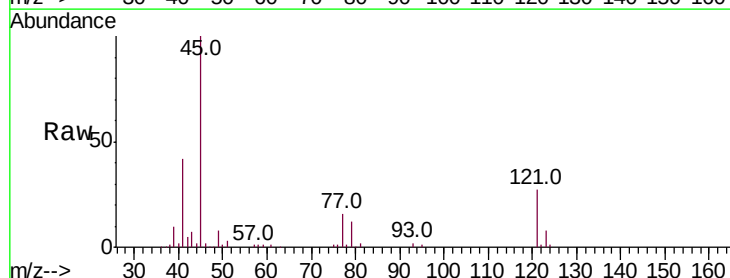
Instrument :
BNA_N
ClientSampleId :
PB114671BSD

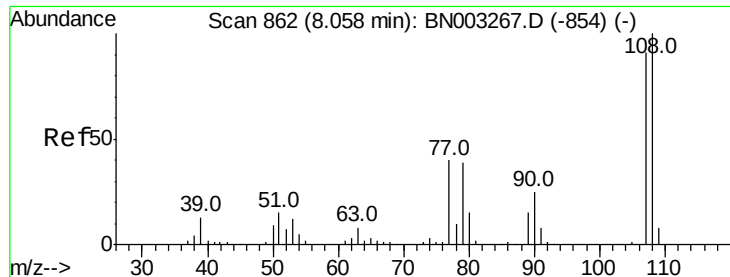
Tot Ion: 79 Resp: 241580
Ion Ratio Lower Upper
79 100
108 83.4 63.3 94.9
77 61.5 49.0 73.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.558 ng
RT: 8.37 min Scan# 916
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion: 45 Resp: 339469
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.0
79 12.0 0.0 30.9

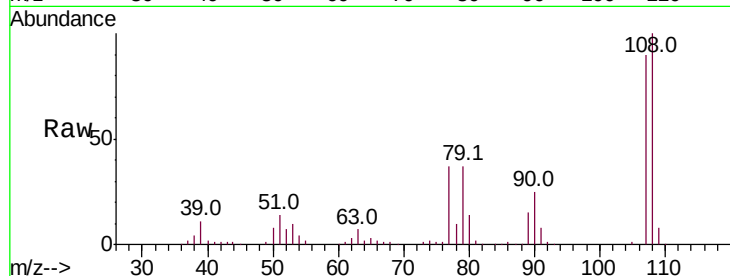




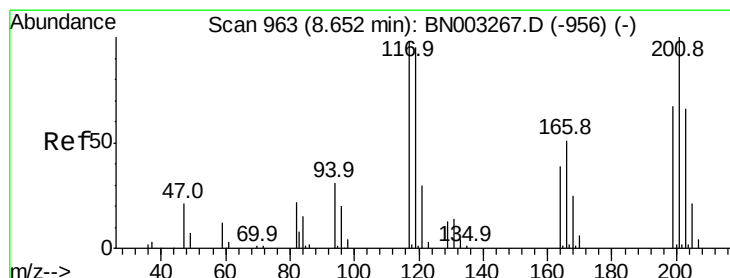
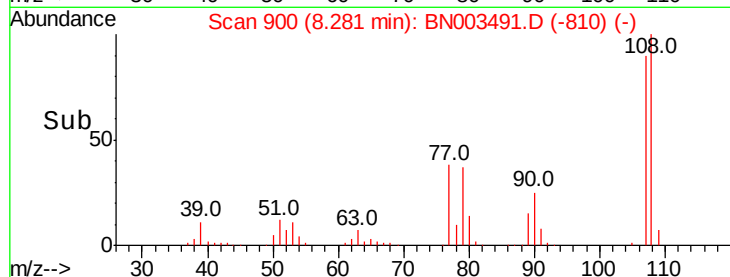
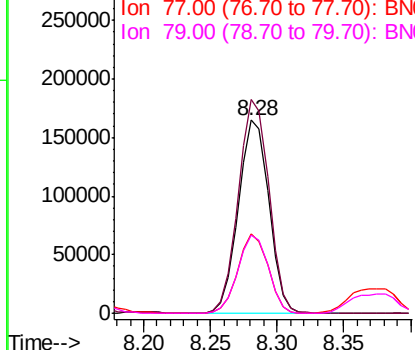
#17
2-Methylphenol
Concen: 46.626 ng
RT: 8.28 min Scan# 900
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion:	107	Resp:	261387
Ion	Ratio	Lower	Upper
107	100		
108	110.8	87.6	131.4
77	41.5	35.3	52.9
79	40.7	34.2	51.4

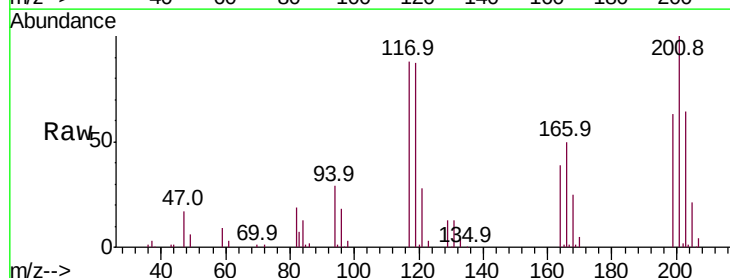


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

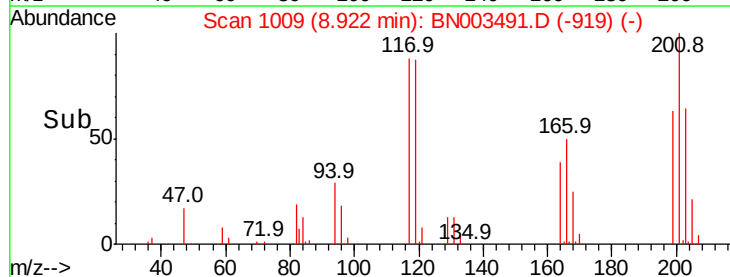
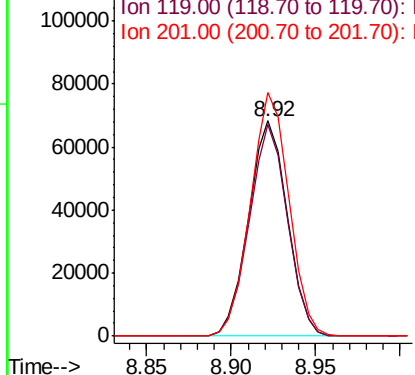


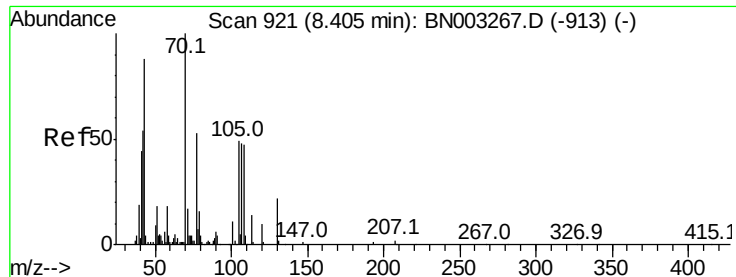
#18
Hexachloroethane
Concen: 40.283 ng
RT: 8.92 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion:	117	Resp:	108778
Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.8	116.6
201	113.1	81.4	122.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.160 ng

RT: 8.66 min Scan# 964

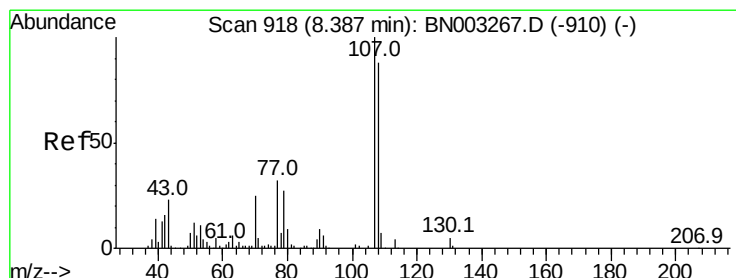
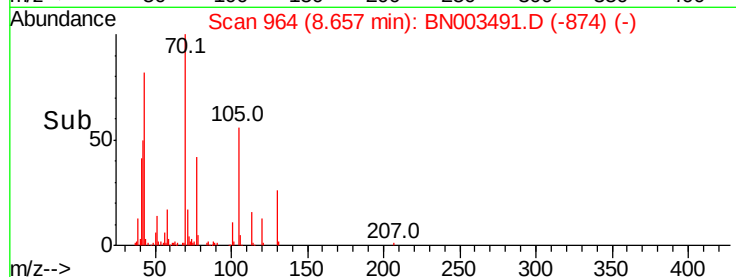
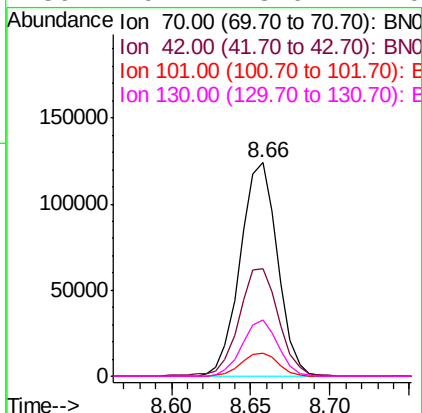
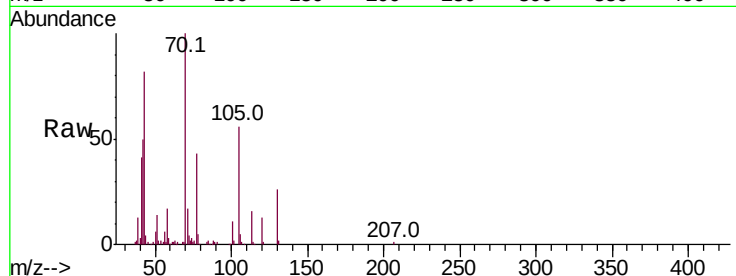
Delta R.T. -0.00 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion:	70	Resp:	202685
Ion	Ratio	Lower	Upper
70	100		
42	50.4	43.5	65.3
101	11.0	8.6	12.8
130	26.1	18.0	27.0



#20

3+4-Methylphenols

Concen: 44.149 ng

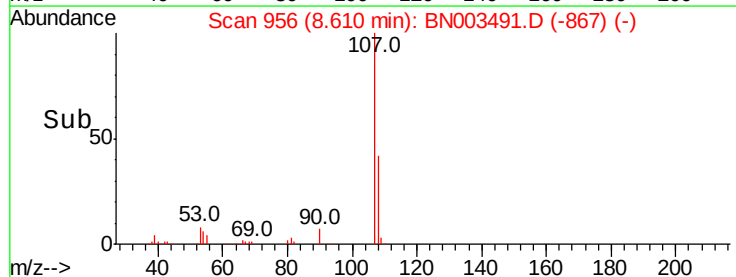
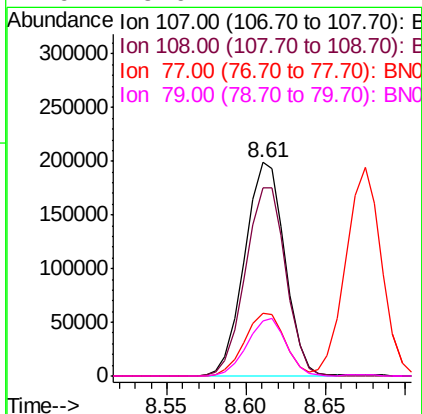
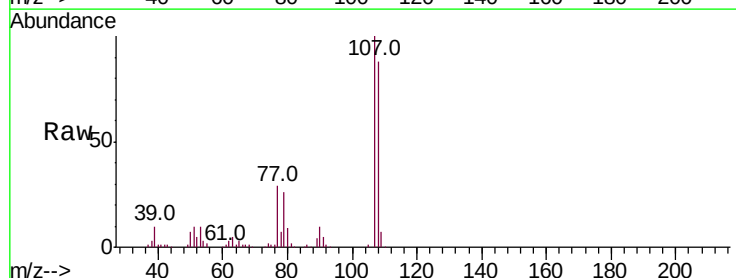
RT: 8.61 min Scan# 956

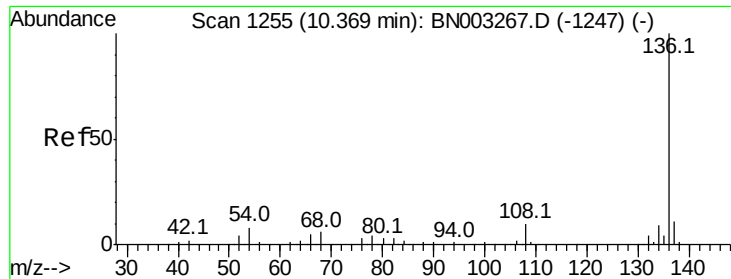
Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Tgt Ion:	107	Resp:	351577
Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.8	107.8
77	29.2	12.1	52.1
79	25.9	7.2	47.2

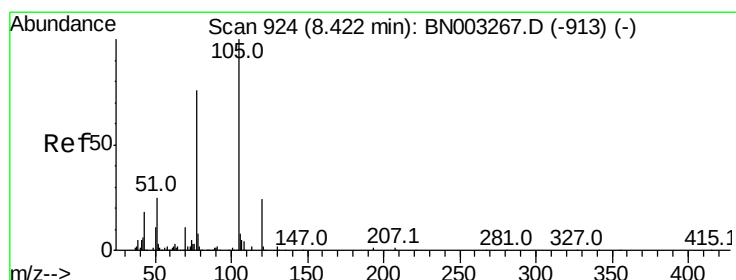
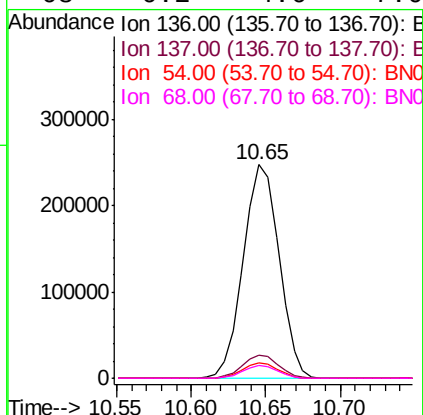
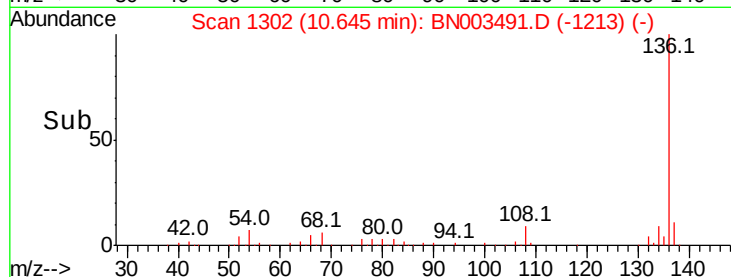
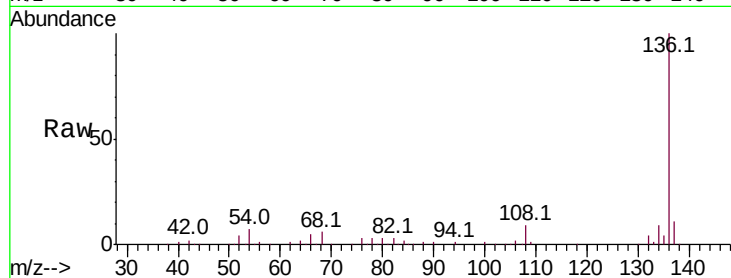




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

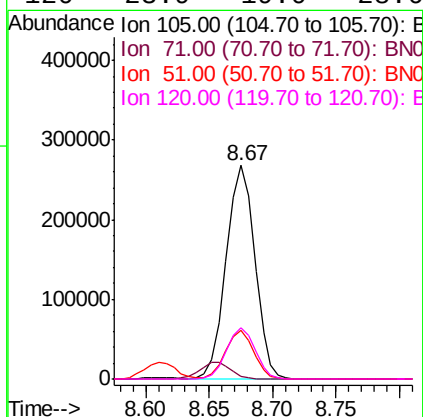
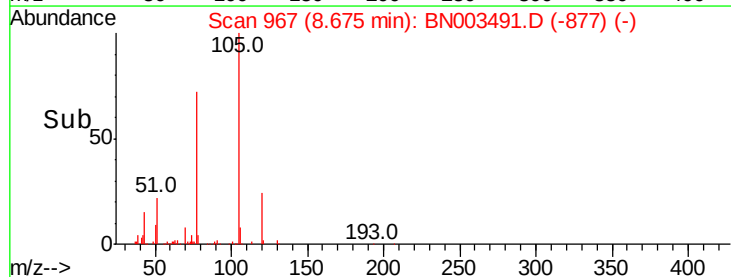
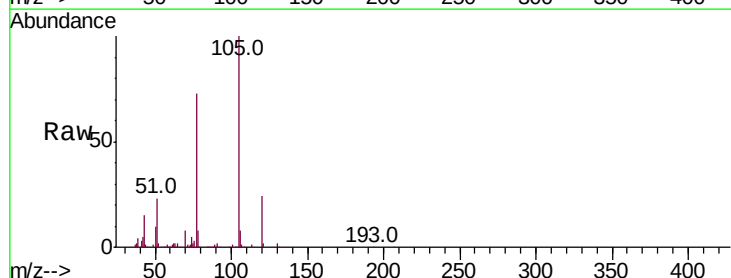
Instrument :
BNA_N
ClientSampleId :
PB114671BSD

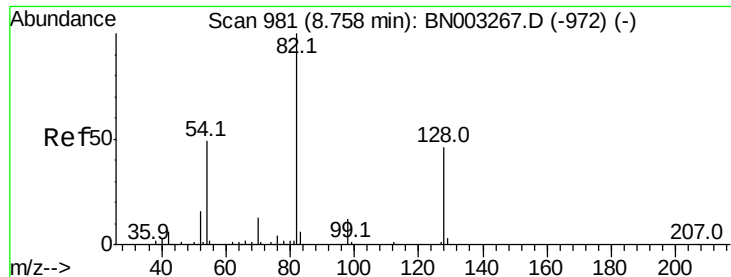
Tot Ion:136	Resp:	413145
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.7	13.1
54 7.3	6.6	10.0
68 6.2	4.6	7.0



#22
Acetophenone
Concen: 42.177 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt	Ion:105	Resp:	422377
Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.3	1.9
51	22.5	20.5	30.7
120	23.9	19.0	28.6

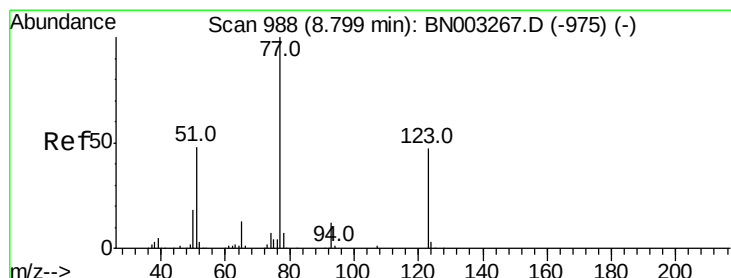
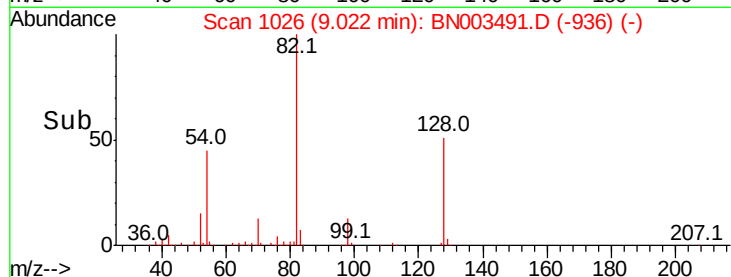
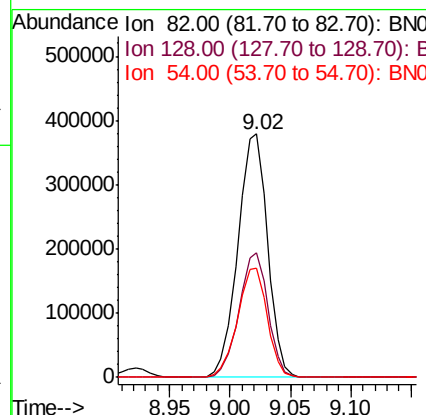
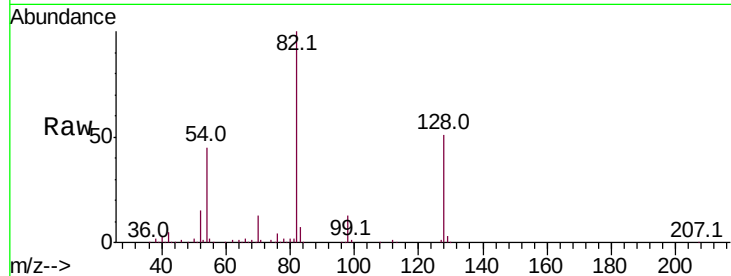




#23
 Nitrobenzene-d5
 Concen: 90.389 ng
 RT: 9.02 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

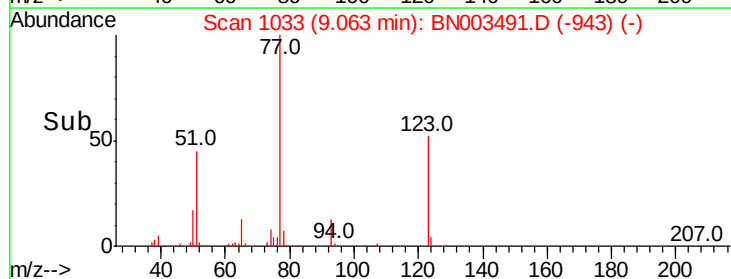
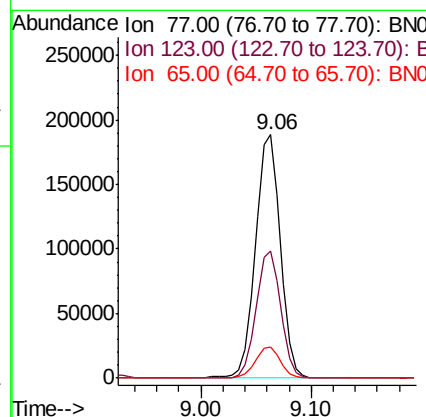
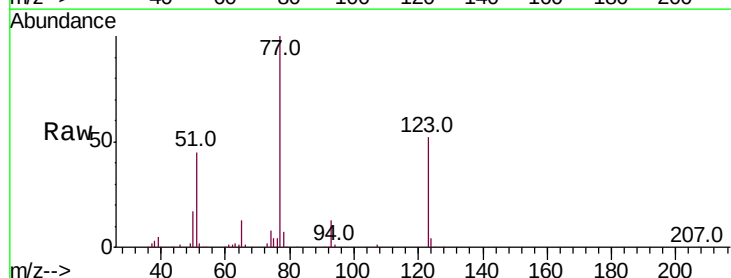
Instrument :
 BNA_N
 ClientSampleID :
 PB114671BSD

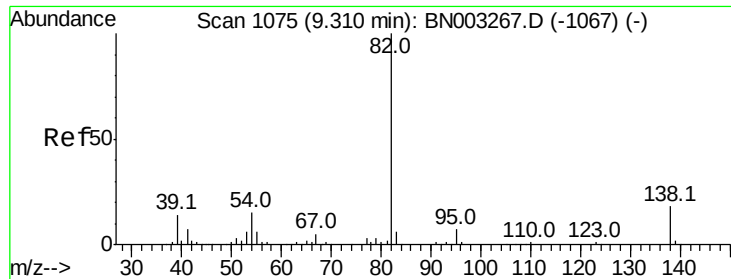
Tot Ion: 82 Resp: 651165
 Ion Ratio Lower Upper
 82 100
 128 51.1 37.1 55.7
 54 44.6 39.4 59.2



#24
 Nitrobenzene
 Concen: 40.555 ng
 RT: 9.06 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion: 77 Resp: 298130
 Ion Ratio Lower Upper
 77 100
 123 52.3 37.8 56.6
 65 12.9 10.7 16.1





#25

Isophorone

Concen: 44.939 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

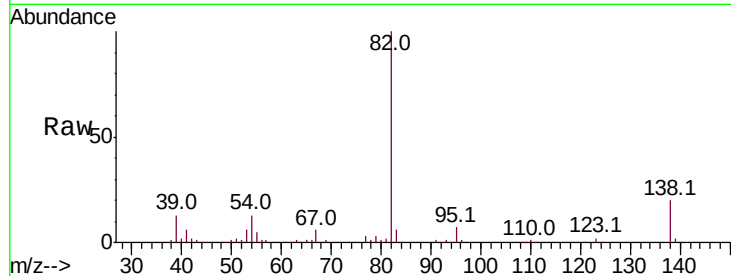
Tot Ion: 82 Resp: 567878

Ion Ratio Lower Upper

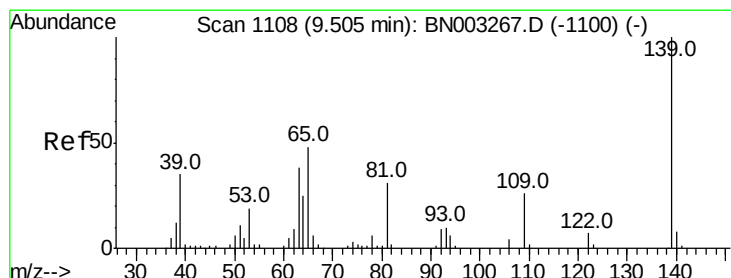
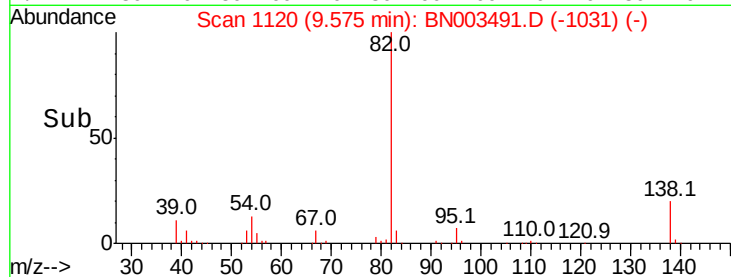
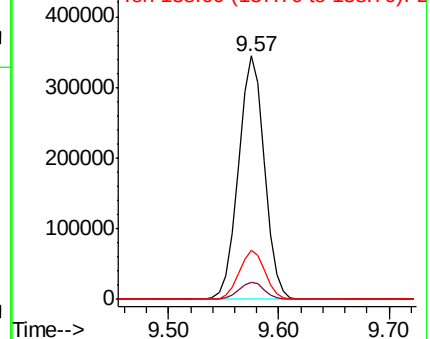
82 100

95 7.0 5.4 8.0

138 20.2 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 95.00 (94.70 to 95.70): BNC
Ion 138.00 (137.70 to 138.70): BNC



#26

2-Nitrophenol

Concen: 43.550 ng

RT: 9.76 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

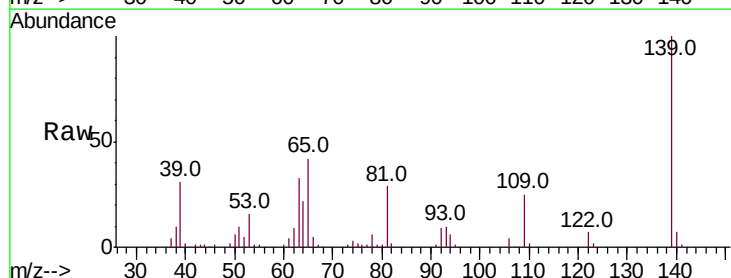
Tgt Ion: 139 Resp: 168506

Ion Ratio Lower Upper

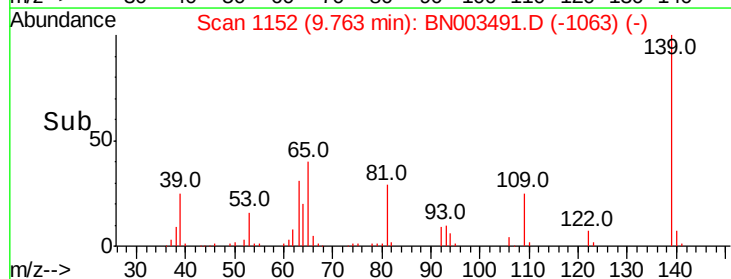
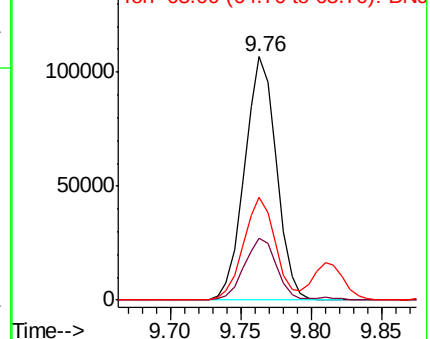
139 100

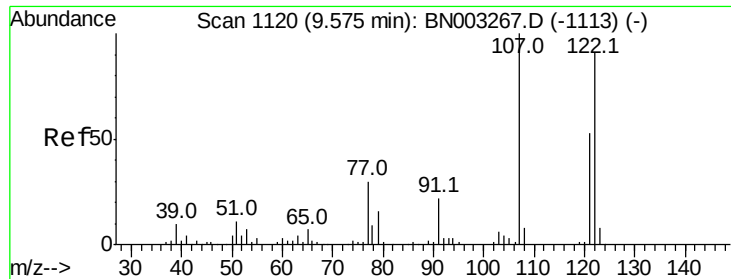
109 25.3 20.5 30.7

65 42.3 38.4 57.6



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

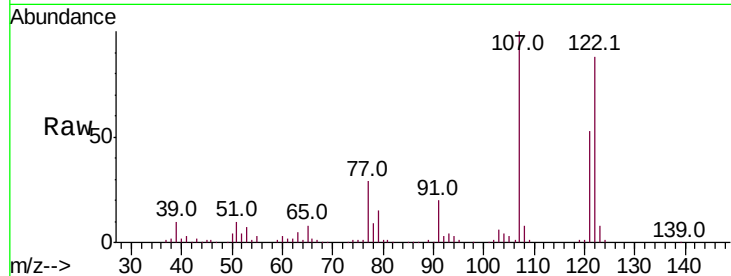




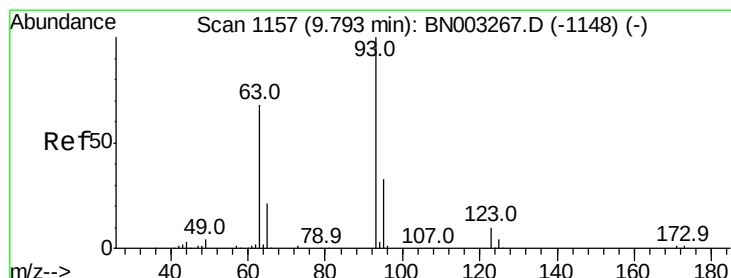
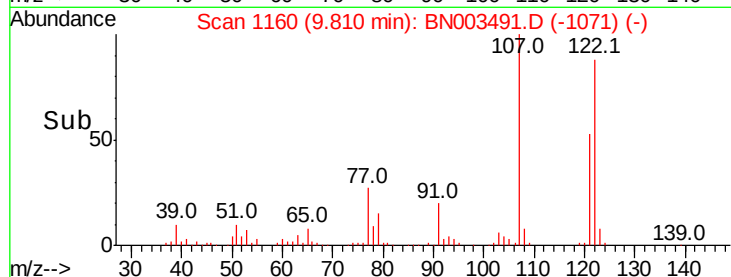
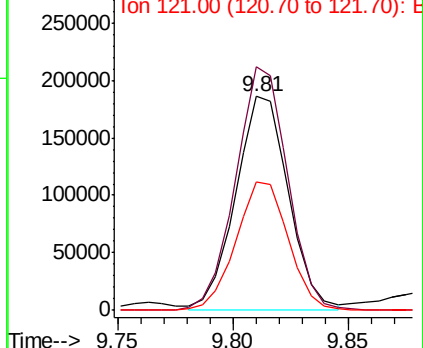
#27
2,4-Dimethylphenol
Concen: 54.441 ng
RT: 9.81 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion:122 Resp: 296174
Ion Ratio Lower Upper
122 100
107 113.7 87.8 131.6
121 60.3 46.9 70.3

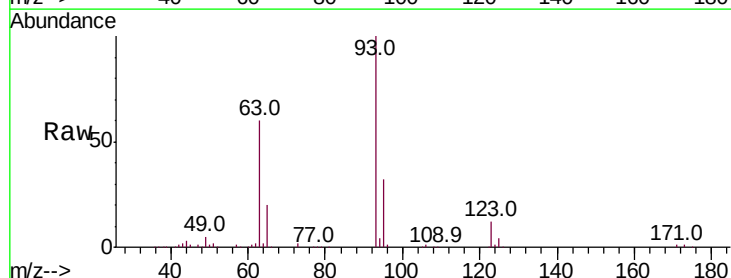


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

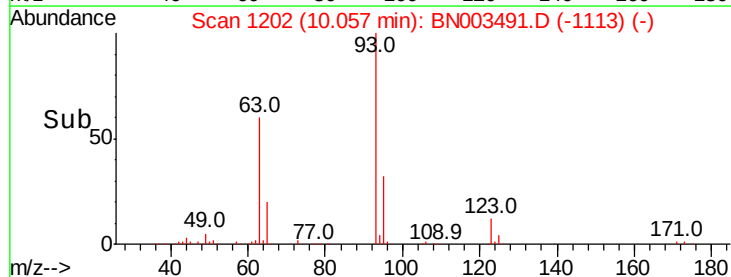
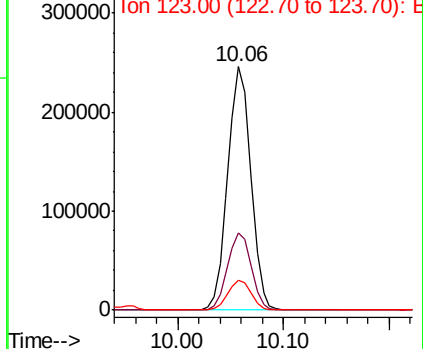


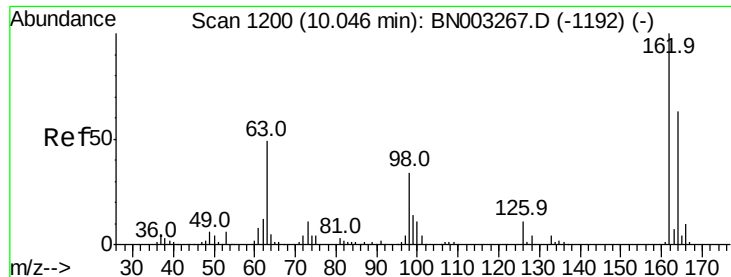
#28
bis(2-Chloroethoxy)methane
Concen: 43.832 ng
RT: 10.06 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion: 93 Resp: 373151
Ion Ratio Lower Upper
93 100
95 31.7 26.2 39.4
123 12.3 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 95.00 (94.70 to 95.70): BNC
Ion 123.00 (122.70 to 123.70): E

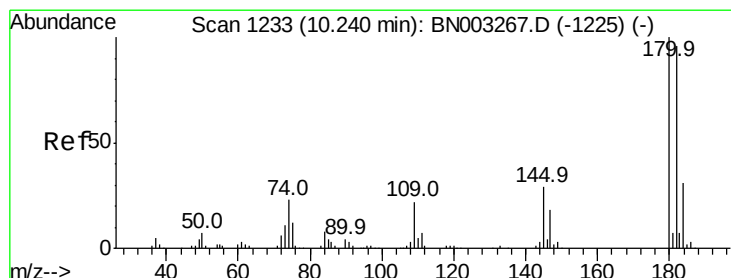
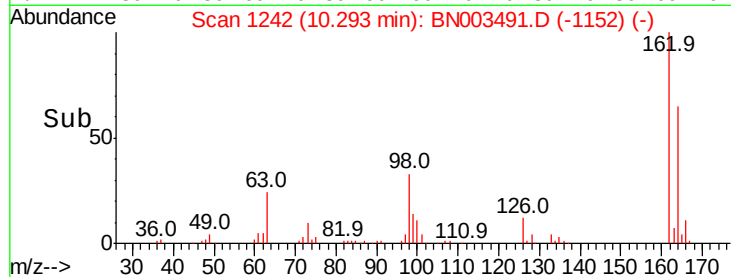
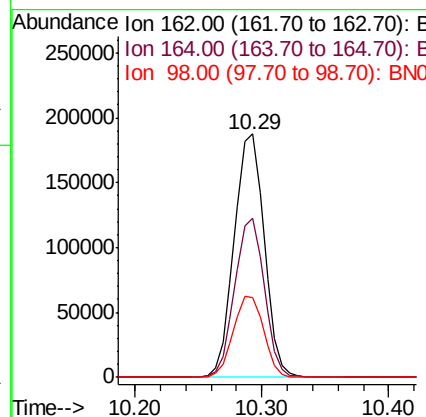
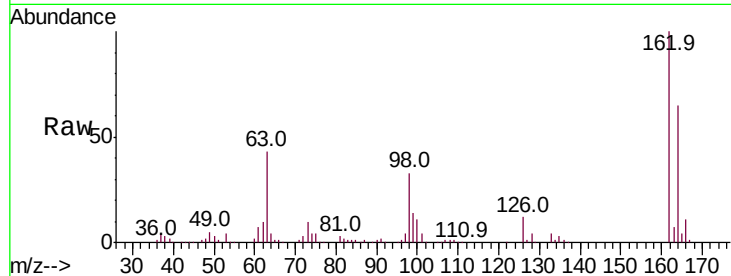




#29
 2,4-Dichlorophenol
 Concen: 49.521 ng
 RT: 10.29 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

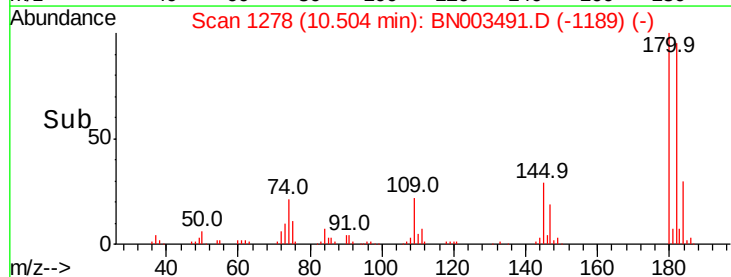
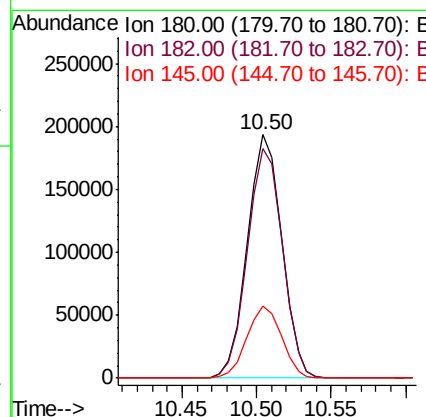
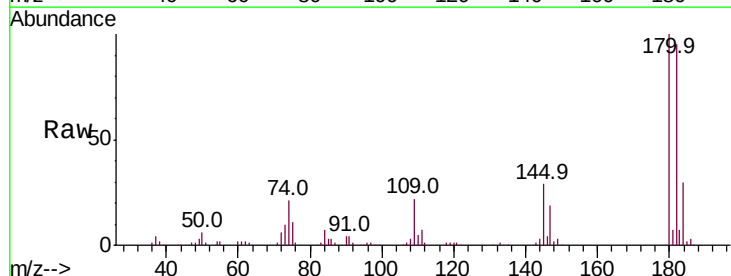
Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

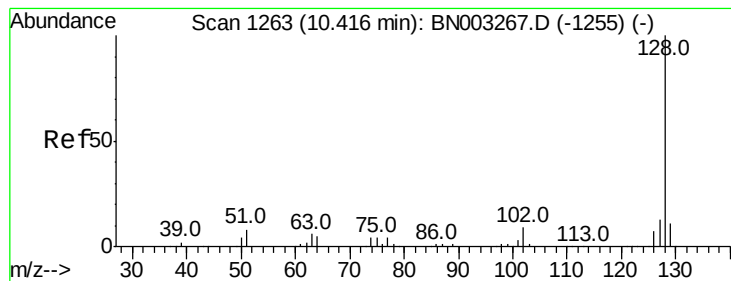
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.5	82.5
98	33.0	14.0	54.0



#30
 1,2,4-Trichlorobenzene
 Concen: 43.746 ng
 RT: 10.50 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.4	114.6
145	29.4	23.6	35.4





#31

Naphthalene

Concen: 46.269 ng

RT: 10.70 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

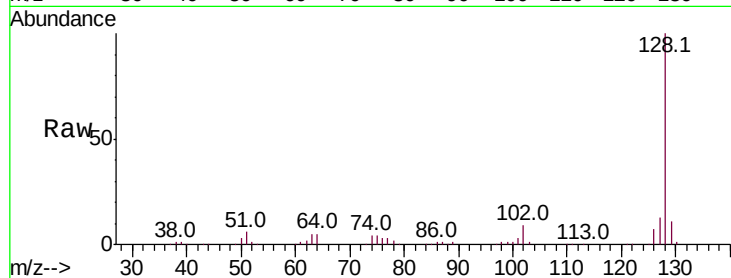
Tot Ion:128 Resp: 934129

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

127 13.0 10.4 15.6



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

600000

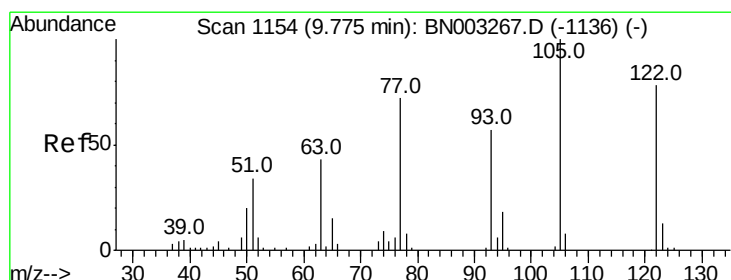
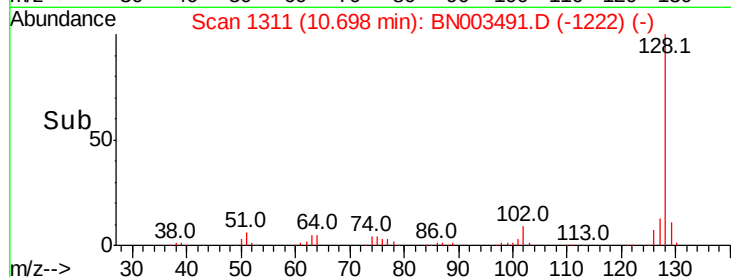
400000

200000

0

10.70

Time-->



#32

Benzoic acid

Concen: 41.379 ng

RT: 9.95 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

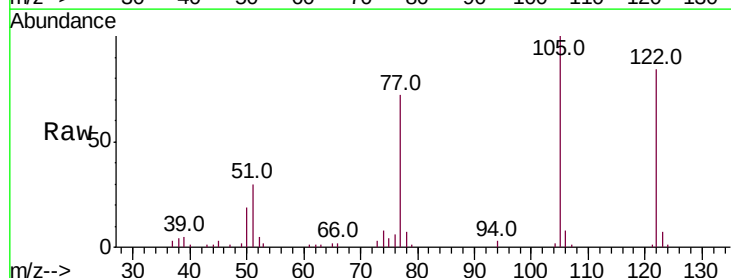
Tgt Ion:122 Resp: 188993

Ion Ratio Lower Upper

122 100

105 119.0 106.8 146.8

77 86.0 71.9 111.9



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): BNO

250000

200000

150000

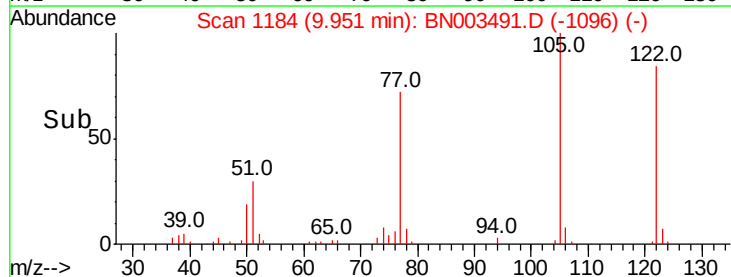
100000

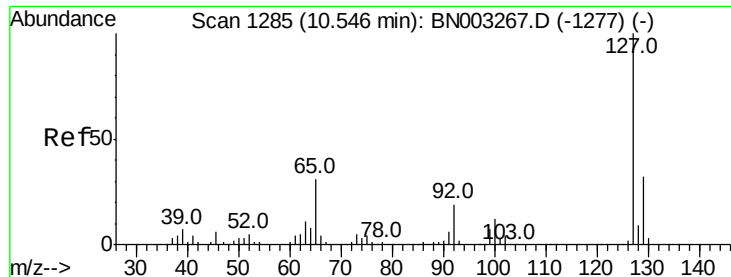
50000

0

9.95

Time-->

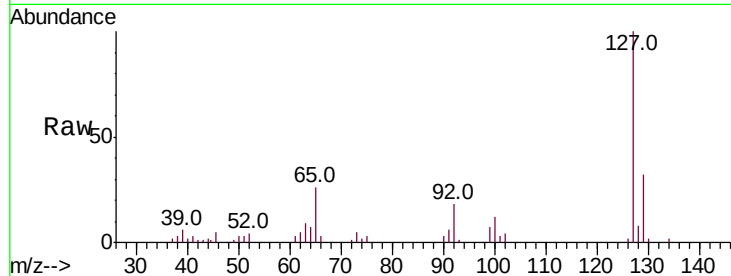




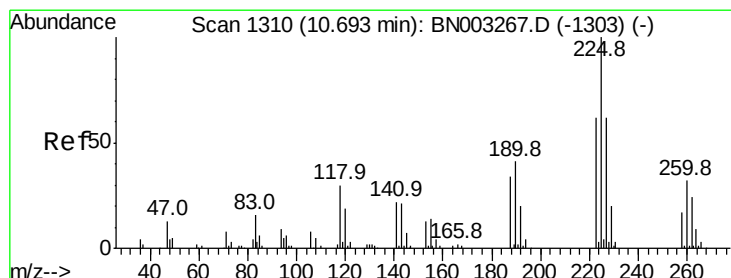
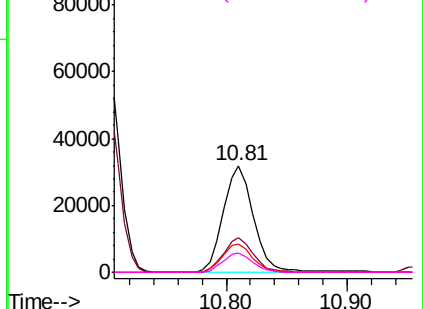
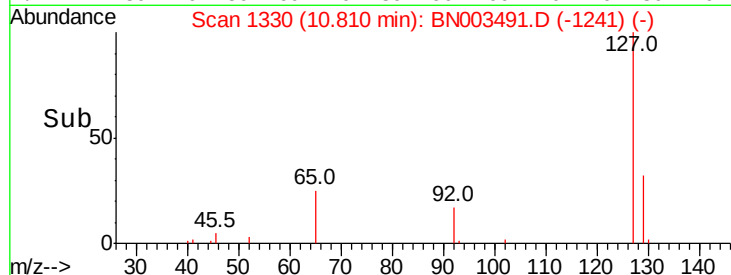
#33
4-Chloroaniline
Concen: 6.265 ng
RT: 10.81 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion:127	Resp:	55887
Ion Ratio	Lower	Upper
127	100	
129	32.2	25.8 38.6
65	26.0	24.6 36.8
92	18.0	15.3 22.9

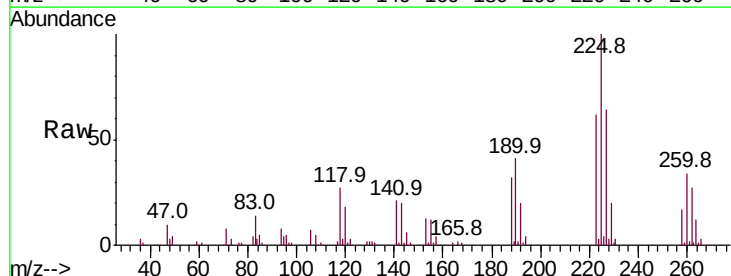


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

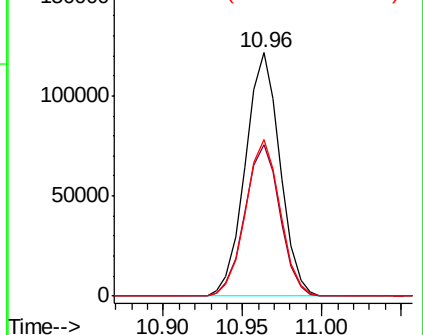
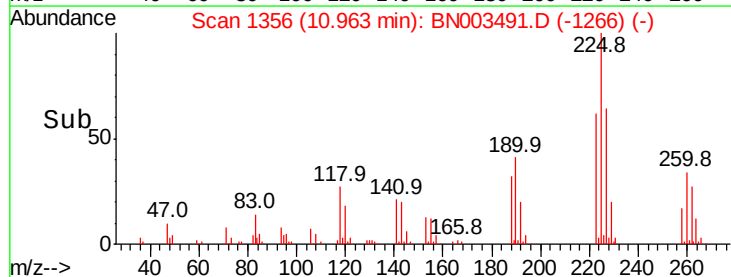


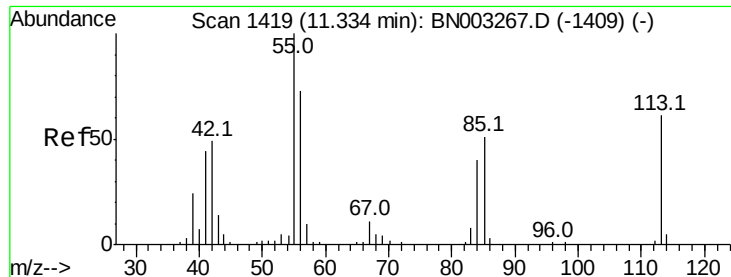
#34
Hexachlorobutadiene
Concen: 43.928 ng
RT: 10.96 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion:225	Resp:	185009
Ion Ratio	Lower	Upper
225	100	
223	62.0	49.8 74.8
227	64.1	49.6 74.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.734 ng

RT: 11.60 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

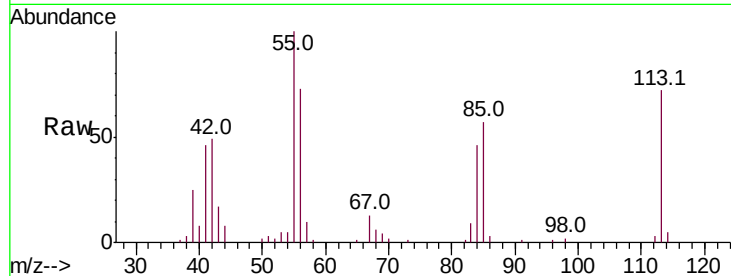
Tot Ion:113 Resp: 45541

Ion Ratio Lower Upper

113 100

55 138.3 144.2 184.2#

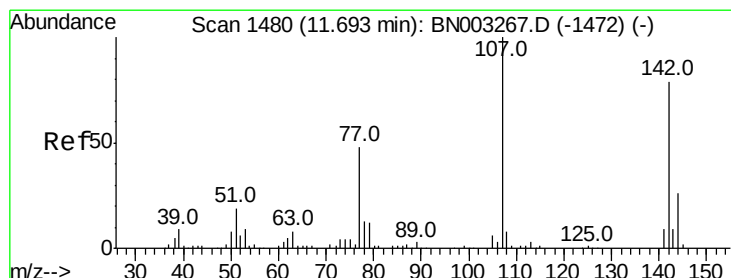
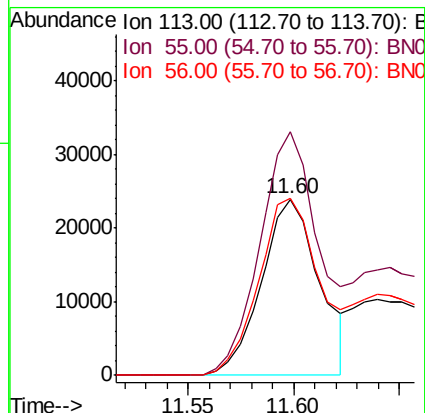
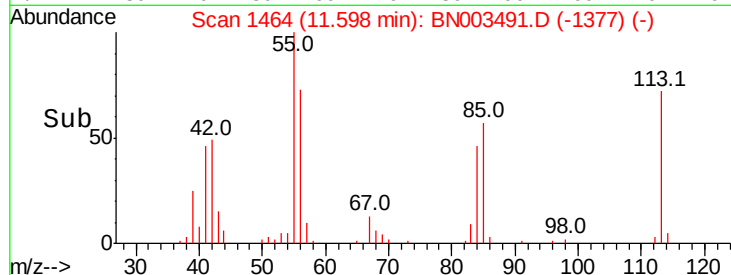
56 100.5 100.6 140.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 43.808 ng

RT: 11.92 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

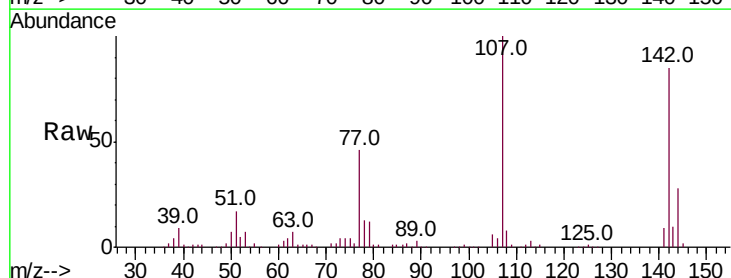
Tgt Ion:107 Resp: 303333

Ion Ratio Lower Upper

107 100

144 27.5 20.8 31.2

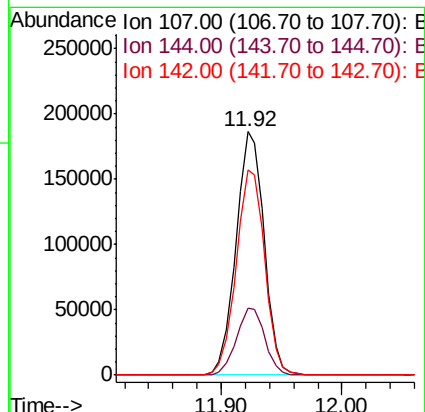
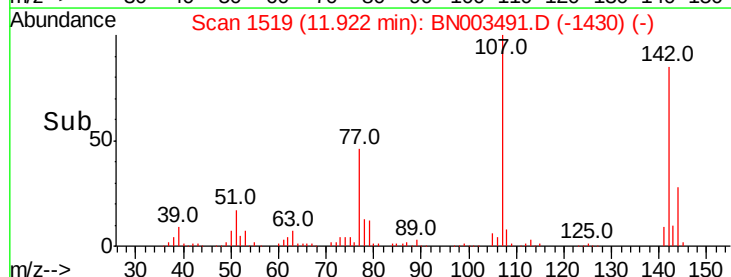
142 84.5 63.5 95.3

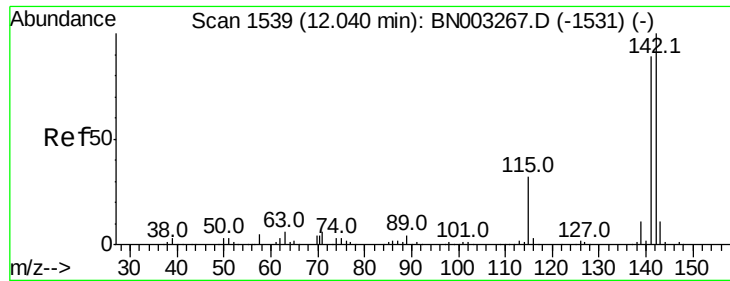


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

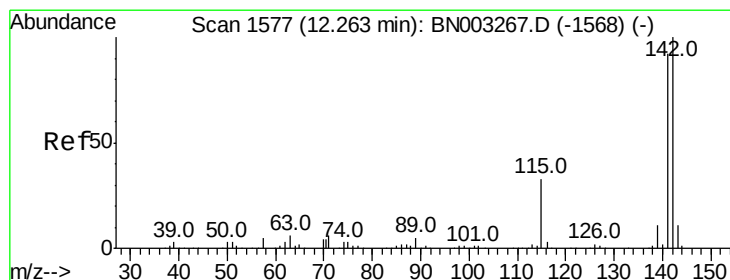
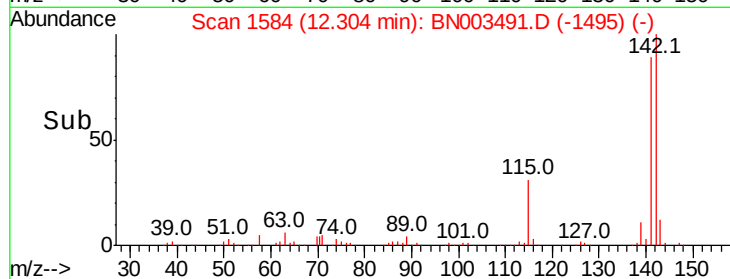
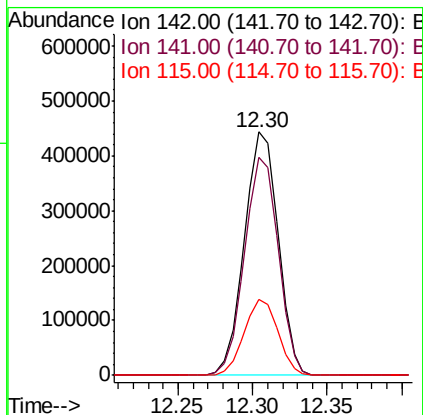
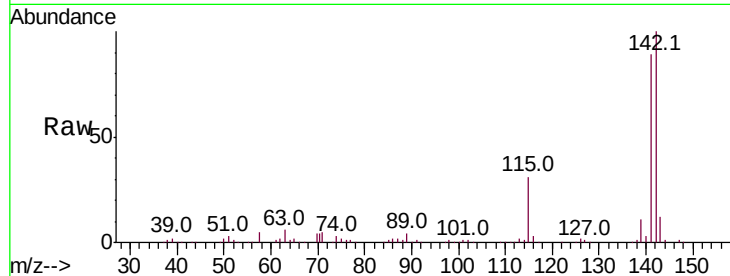




#37
 2-Methylnaphthalene
 Concen: 48.230 ng
 RT: 12.30 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

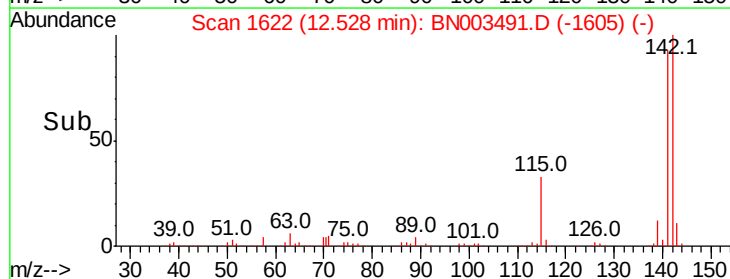
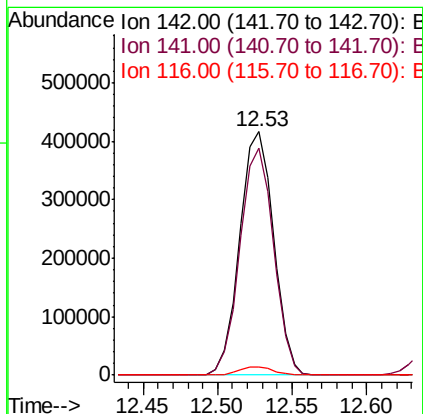
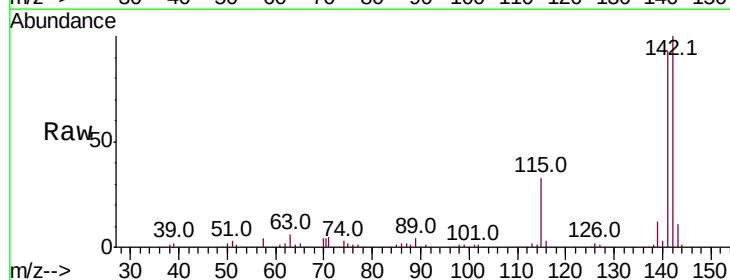
Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

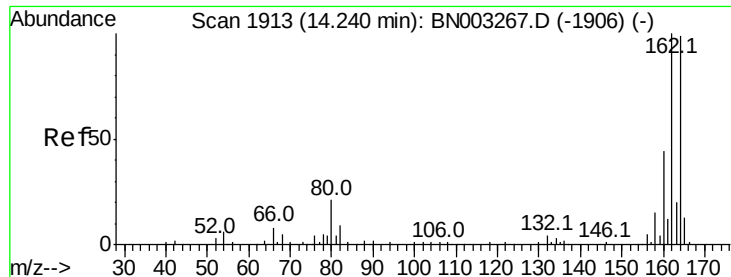
Tot Ion:142 Resp: 695852
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.6 107.4
 115 31.4 25.5 38.3



#38
 1-Methylnaphthalene
 Concen: 46.501 ng
 RT: 12.53 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion:142 Resp: 655267
 Ion Ratio Lower Upper
 142 100
 141 93.2 73.6 110.4
 116 3.4 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

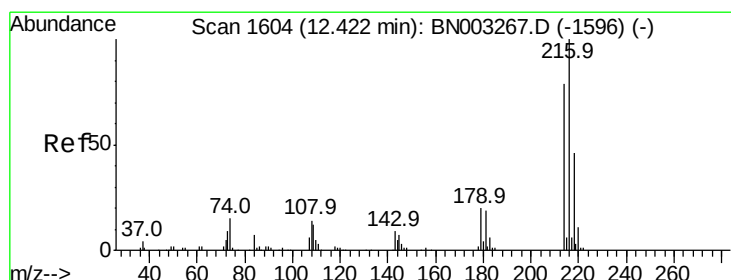
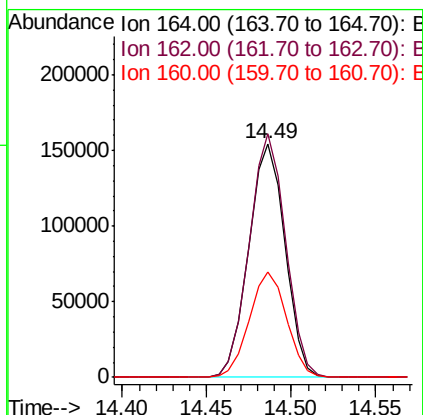
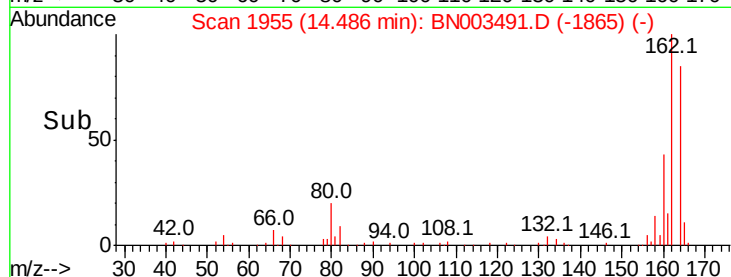
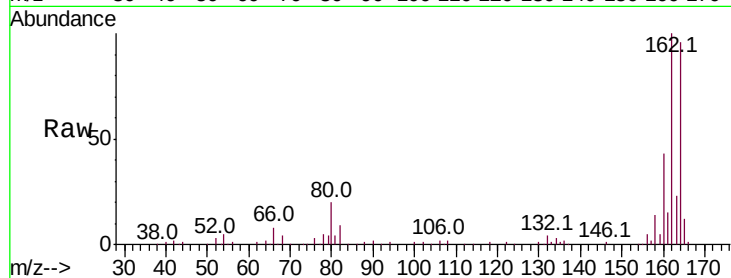
Tot Ion:164 Resp: 230753

Ion Ratio Lower Upper

164 100

162 104.3 80.8 121.2

160 45.3 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.860 ng

RT: 12.67 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Tgt Ion:216 Resp: 365345

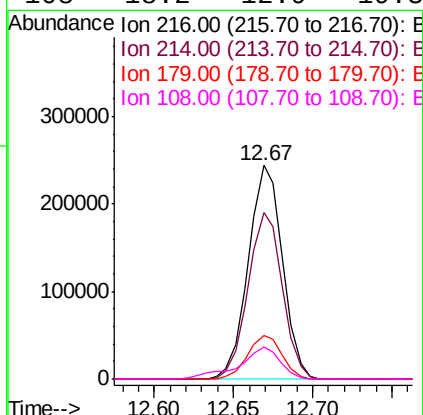
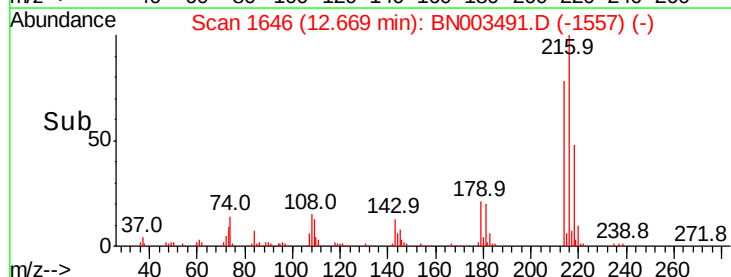
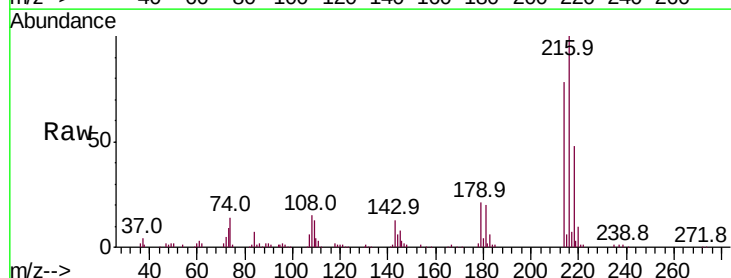
Ion Ratio Lower Upper

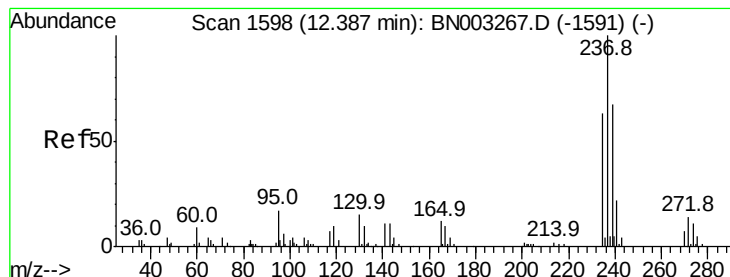
216 100

214 78.2 62.8 94.2

179 20.4 16.0 24.0

108 18.2 12.9 19.3





#41

Hexachlorocyclopentadiene

Concen: 142.379 ng

RT: 12.64 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

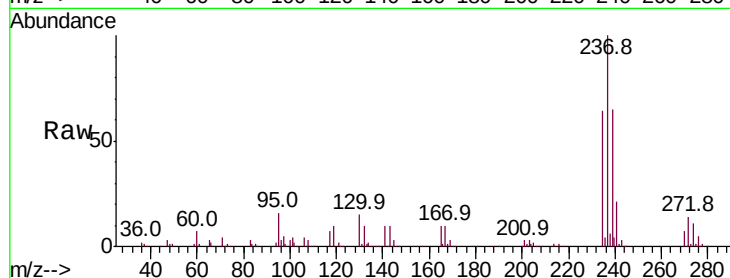
Tot Ion:237 Resp: 497221

Ion Ratio Lower Upper

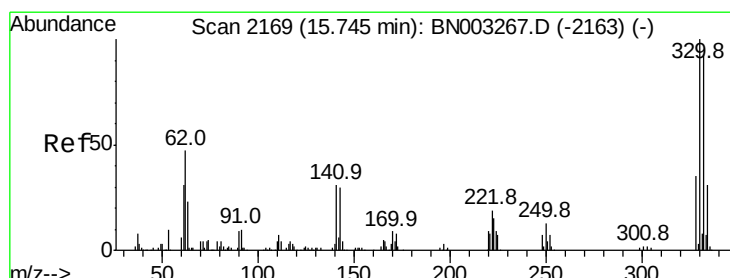
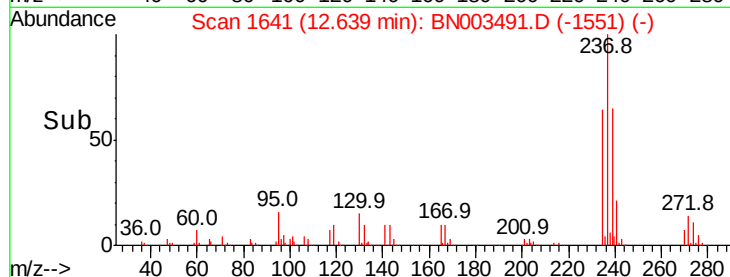
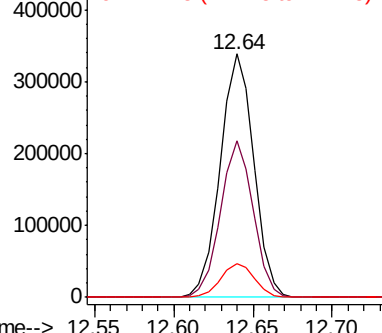
237 100

235 64.1 42.8 82.8

272 13.9 0.0 33.5



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



#42

2,4,6-Tribromophenol

Concen: 106.509 ng

RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

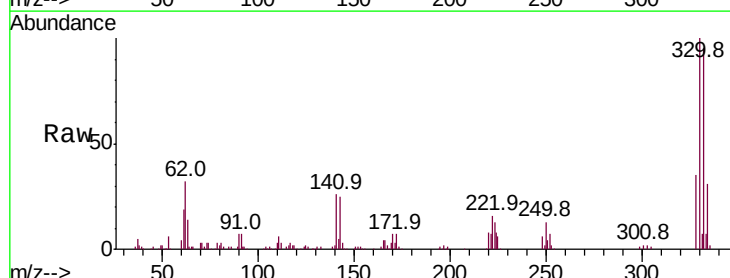
Tgt Ion:330 Resp: 330941

Ion Ratio Lower Upper

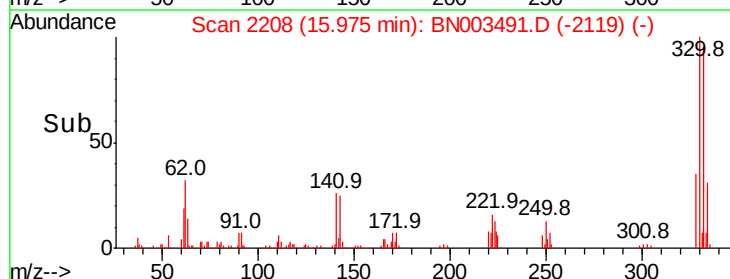
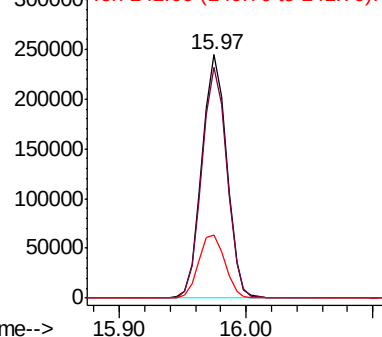
330 100

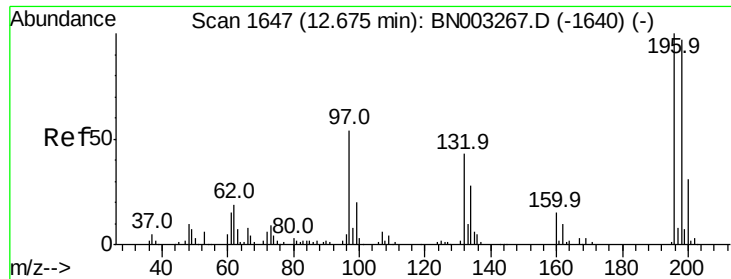
332 95.8 76.6 114.8

141 27.4 24.5 36.7



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

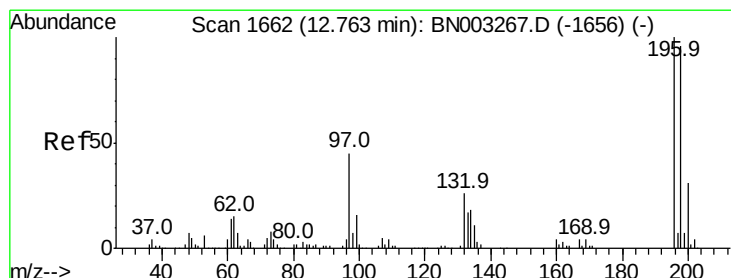
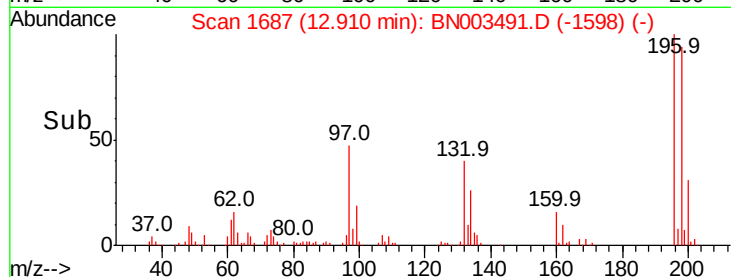
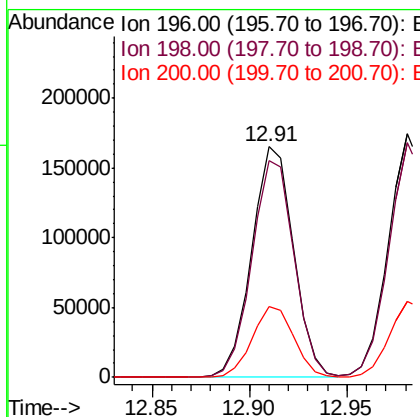
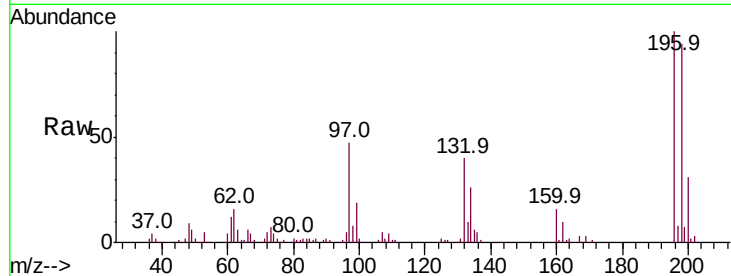




#43
 2,4,6-Trichlorophenol
 Concen: 50.867 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

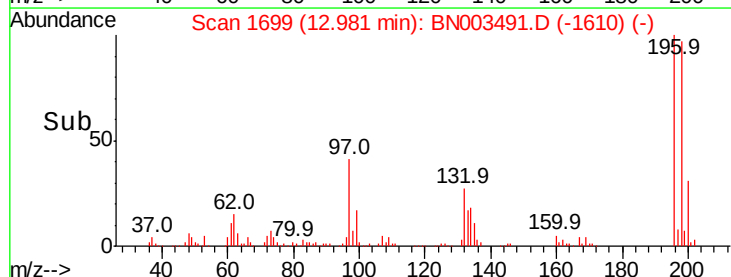
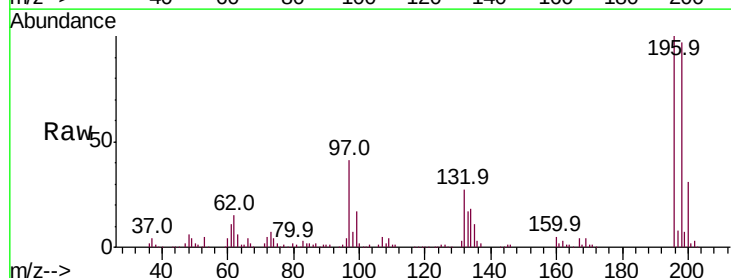
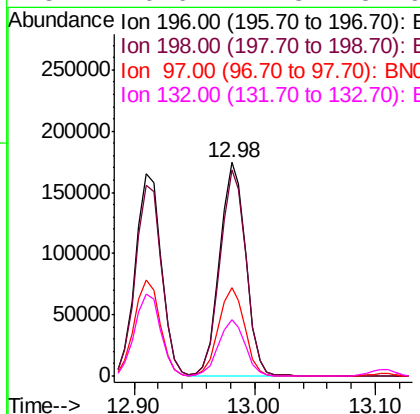
Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

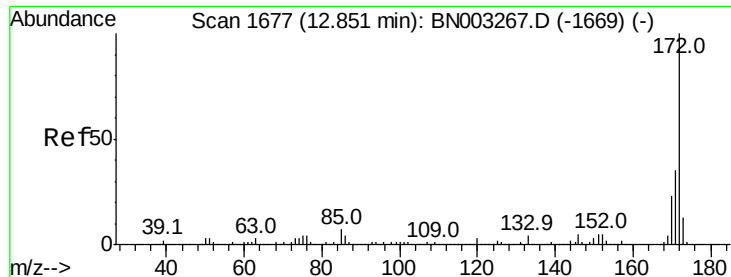
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	77.4	116.0
200	30.5	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 51.800 ng
 RT: 12.98 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.8	115.2
97	41.2	35.8	53.8
132	26.6	21.3	31.9





#45

2-Fluorobiphenyl

Concen: 104.771 ng

RT: 13.10 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

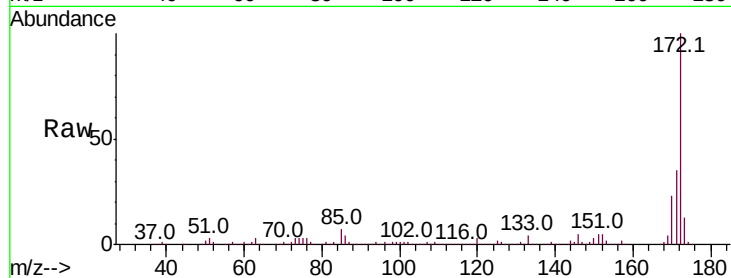
BNA_N

ClientSampleId :

PB114671BSD

Tot Ion:172 Resp: 1782342

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.4	18.4	27.6

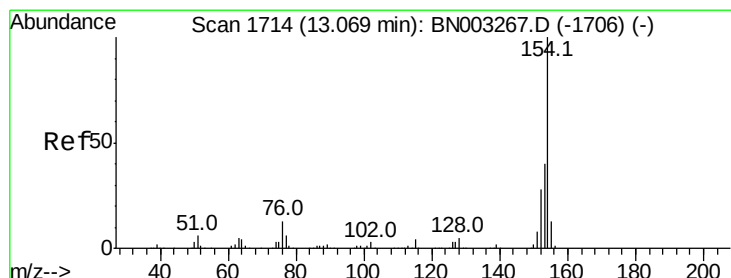
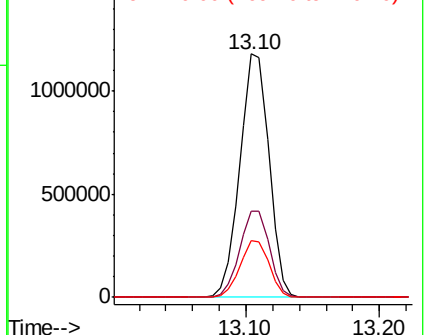
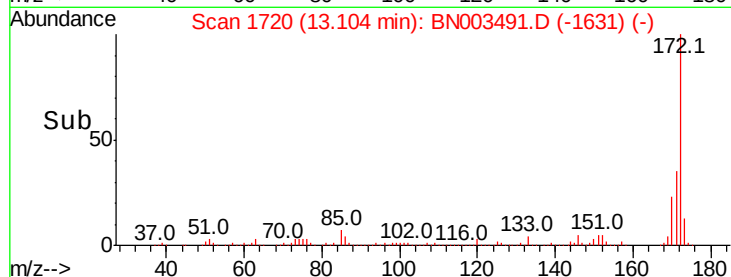


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.463 ng

RT: 13.32 min Scan# 1756

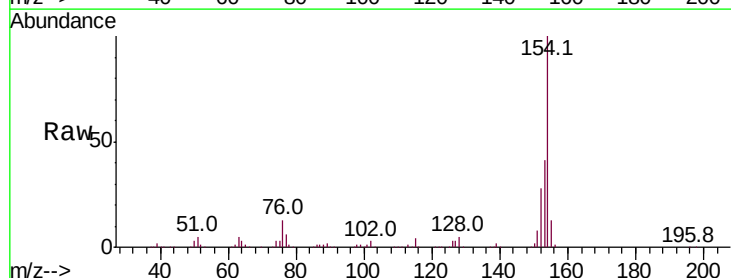
Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Tgt Ion:154 Resp: 880235

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.5	60.5
76	12.7	0.0	33.3

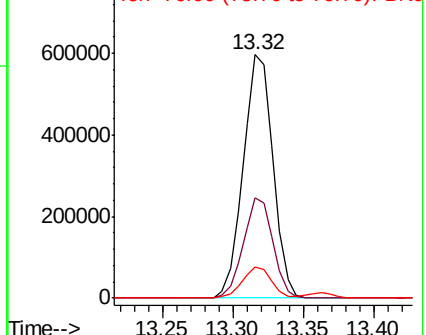
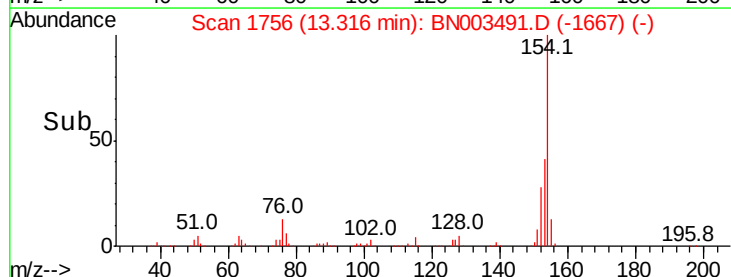


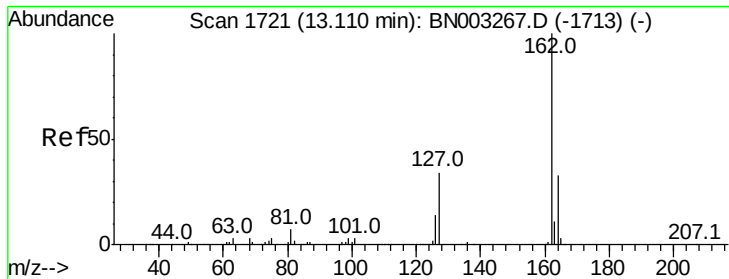
Abundance

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

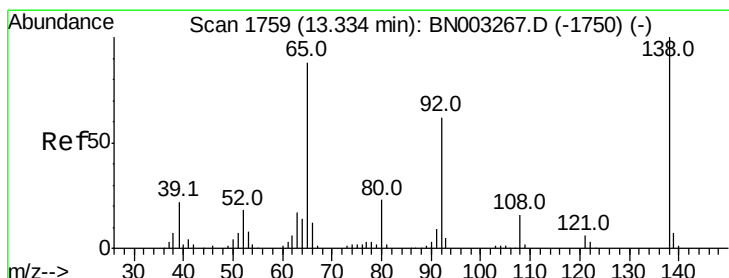
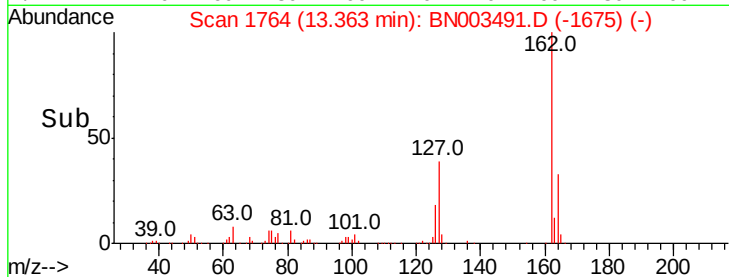
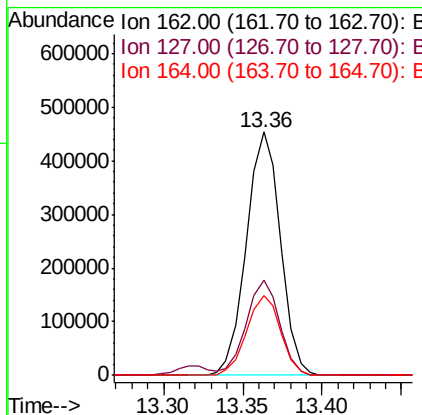
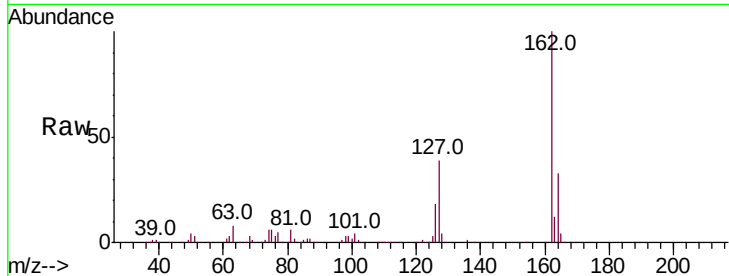




#47
 2-Chloronaphthalene
 Concen: 45.317 ng
 RT: 13.36 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

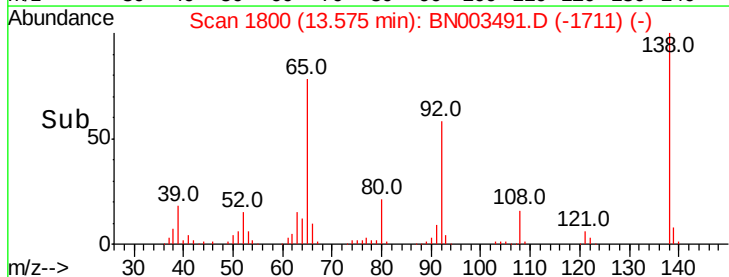
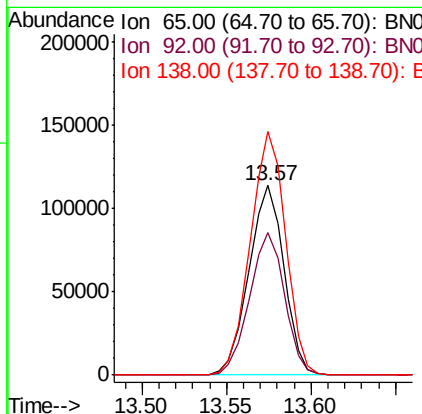
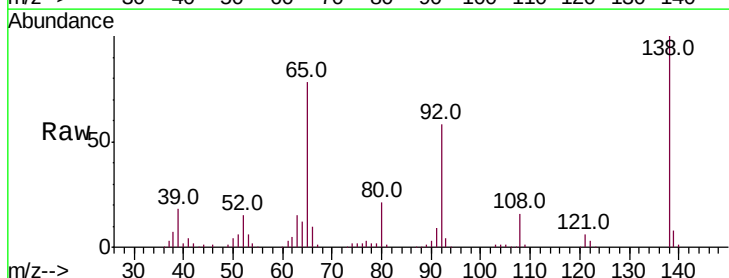
Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

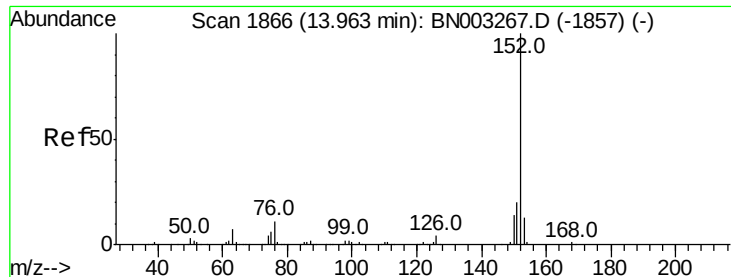
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	29.8	44.6
164	32.8	26.3	39.5



#48
 2-Nitroaniline
 Concen: 37.657 ng
 RT: 13.57 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	56.1	84.1
138	128.4	90.6	136.0





#49

Acenaphthylene

Concen: 47.643 ng

RT: 14.21 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

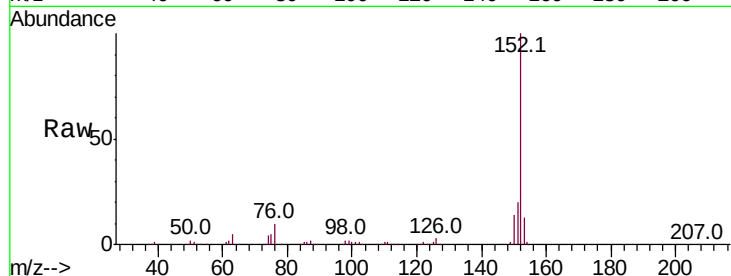
Tot Ion:152 Resp: 1089393

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

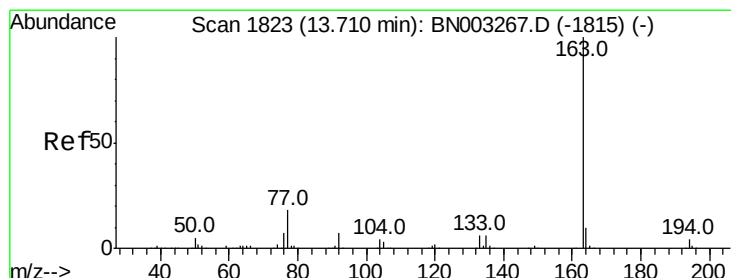
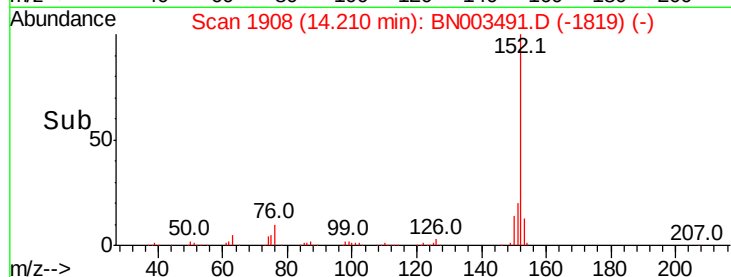
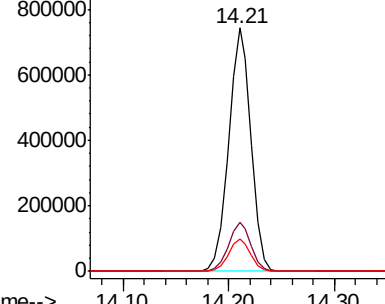
153 13.1 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.019 ng

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

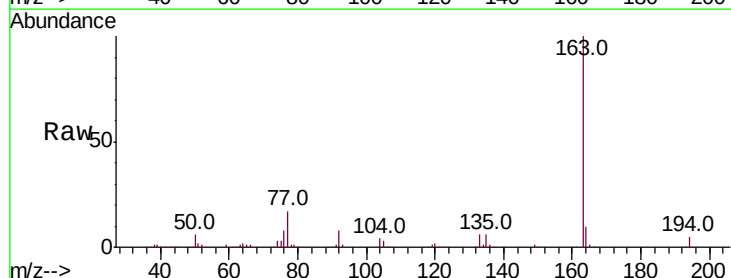
Tgt Ion:163 Resp: 839954

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

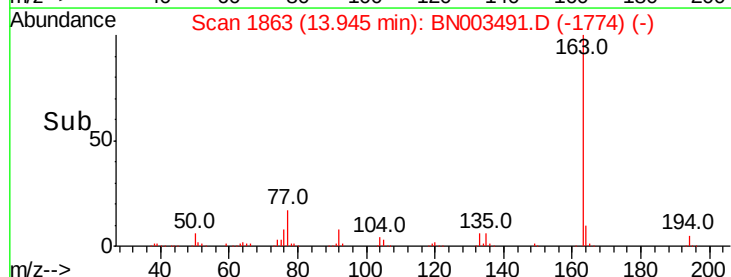
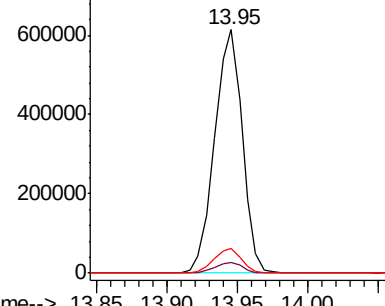
164 10.0 7.9 11.9

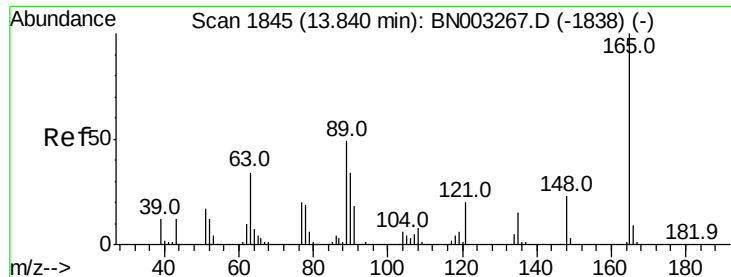


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

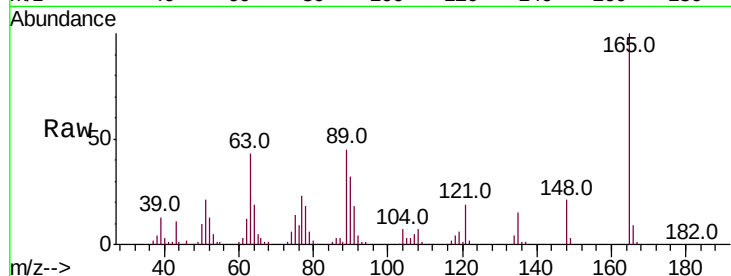




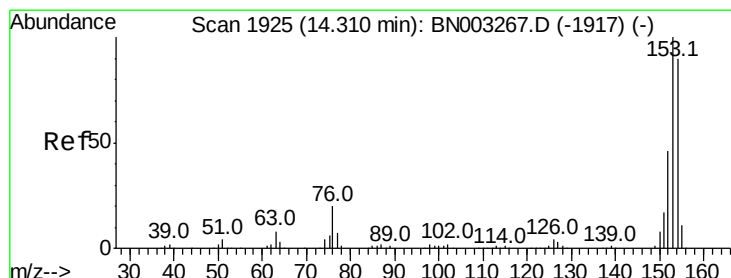
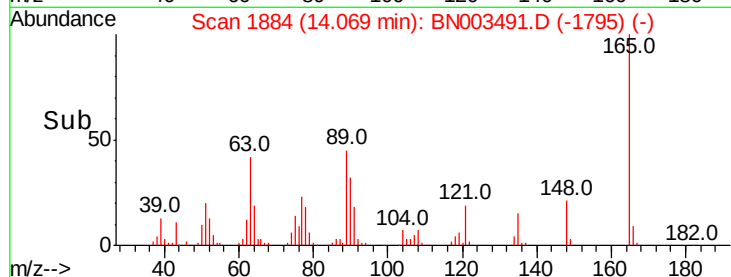
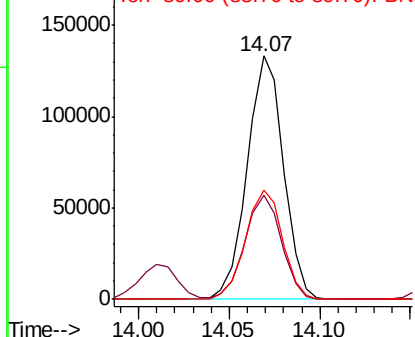
#51
2,6-Dinitrotoluene
Concen: 43.651 ng
RT: 14.07 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion:165 Resp: 184848
Ion Ratio Lower Upper
165 100
63 42.7 39.2 58.8
89 44.9 38.9 58.3

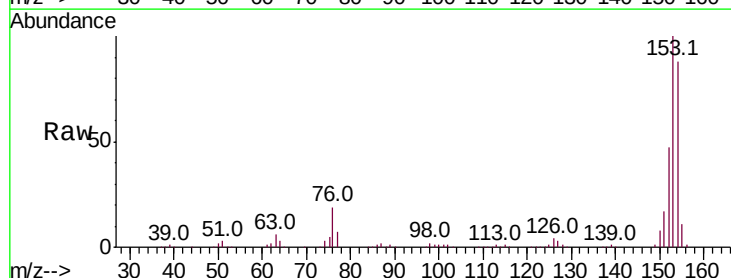


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 89.00 (88.70 to 89.70): BNO

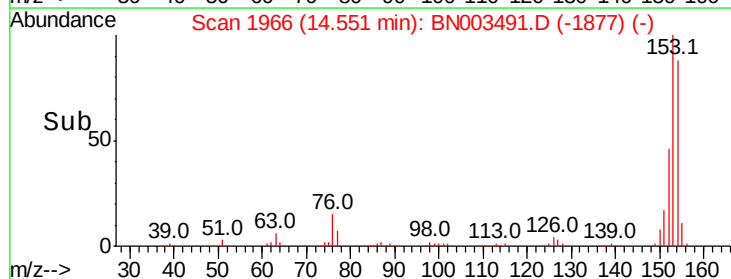
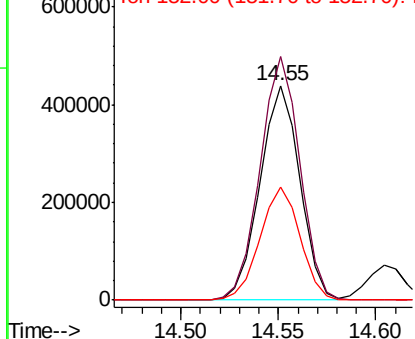


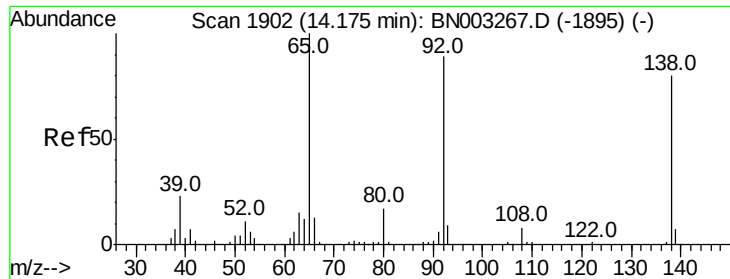
#52
Acenaphthene
Concen: 45.059 ng
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion:154 Resp: 624266
Ion Ratio Lower Upper
154 100
153 113.5 89.3 133.9
152 52.8 41.2 61.8



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





#53

3-Nitroaniline

Concen: 14.895 ng

RT: 14.40 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

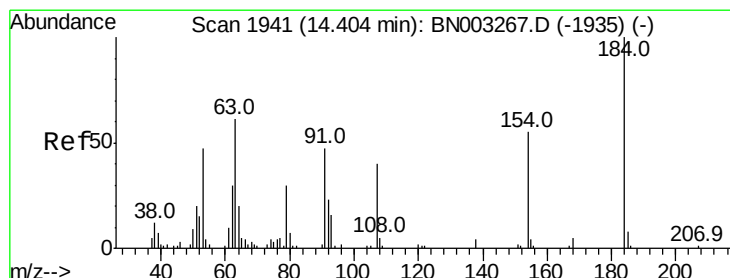
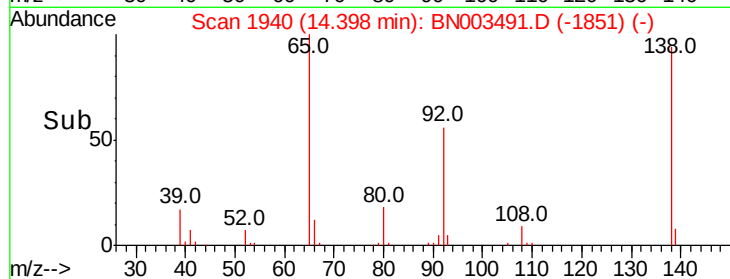
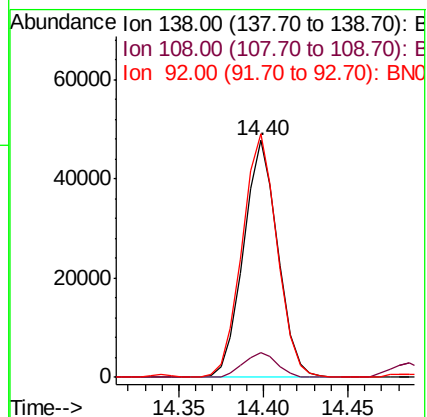
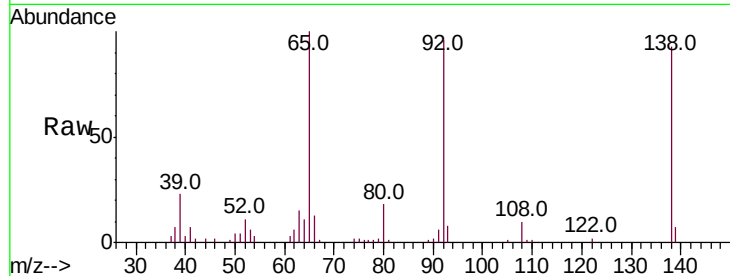
Tot Ion:138 Resp: 67429

Ion Ratio Lower Upper

138 100

108 10.6 8.4 12.6

92 102.8 89.6 134.4



#54

2,4-Dinitrophenol

Concen: 74.854 ng

RT: 14.60 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

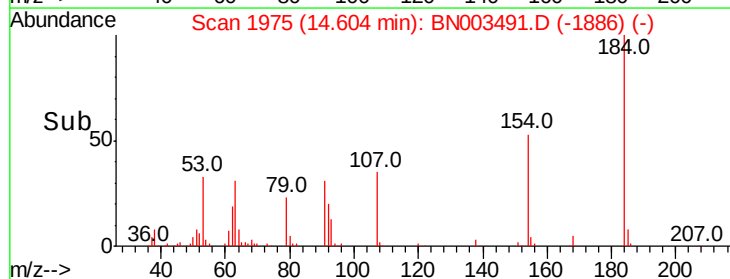
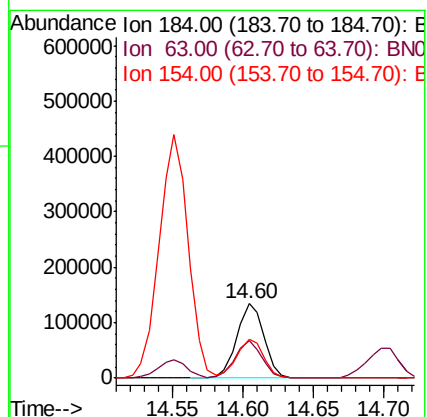
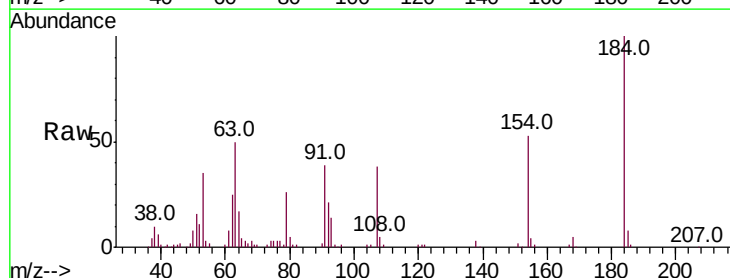
Tgt Ion:184 Resp: 181275

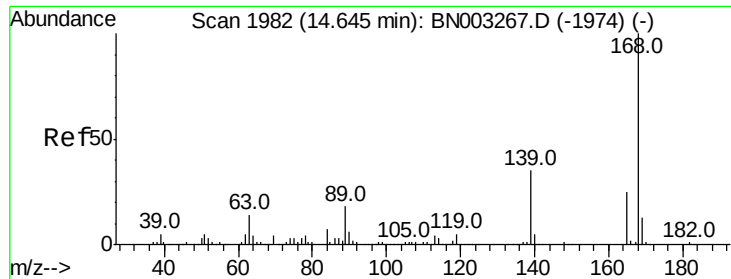
Ion Ratio Lower Upper

184 100

63 50.3 49.0 73.4

154 53.0 44.2 66.2





#55

Dibenzenofuran

Concen: 44.184 ng

RT: 14.89 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

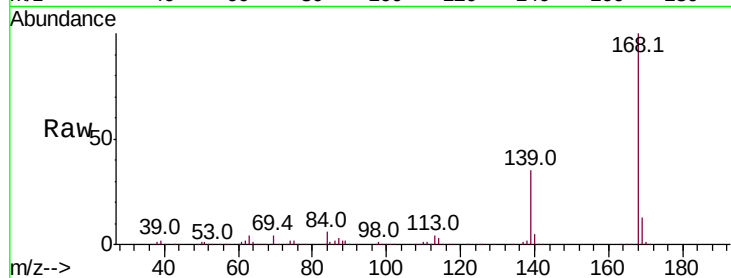
Tot Ion:168 Resp: 995901

Ion Ratio Lower Upper

168 100

139 35.3 28.5 42.7

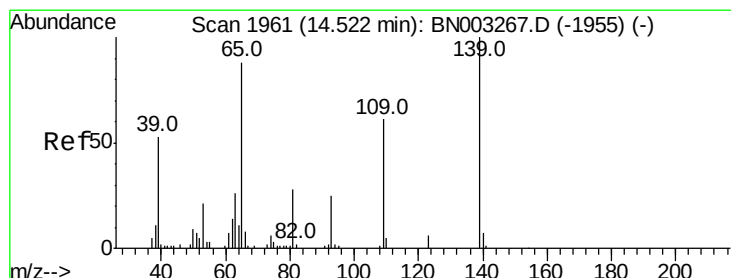
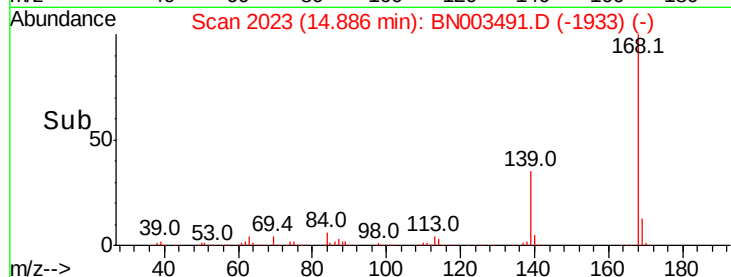
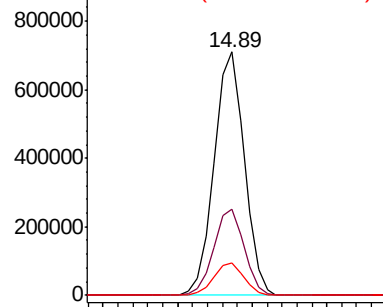
169 13.3 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 117.047 ng

RT: 14.70 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

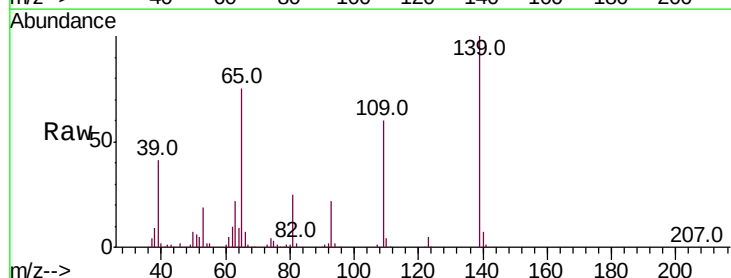
Tgt Ion:139 Resp: 390699

Ion Ratio Lower Upper

139 100

109 60.0 40.7 80.7

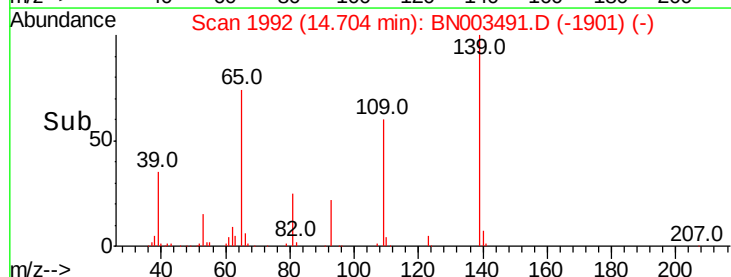
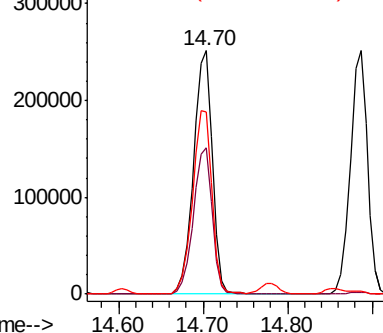
65 74.9 68.0 108.0

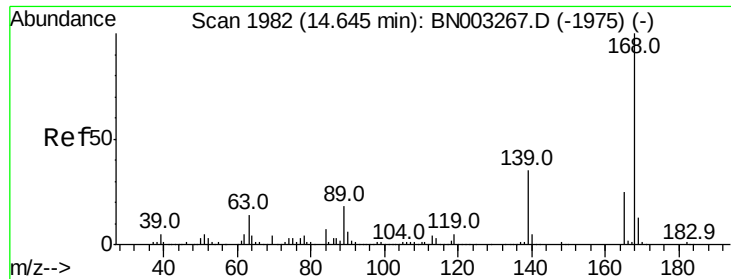


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC

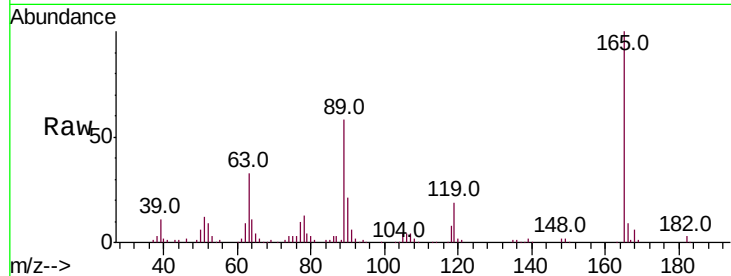




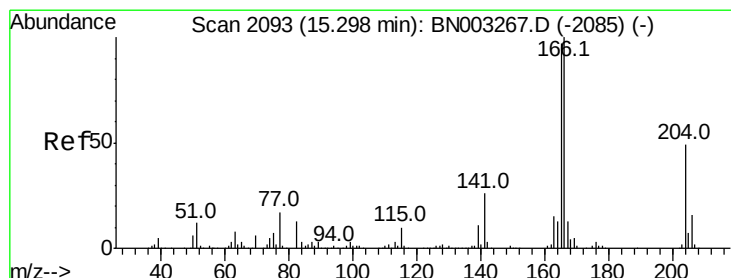
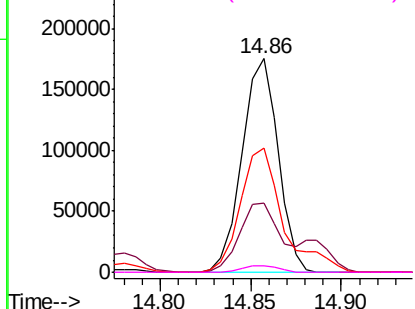
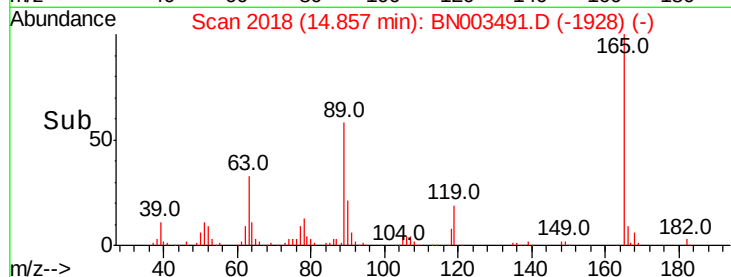
#57
 2,4-Dinitrotoluene
 Concen: 42.344 ng
 RT: 14.86 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

Tot Ion:165 Resp: 243132
 Ion Ratio Lower Upper
 165 100
 63 32.7 45.8 68.6#
 89 57.9 58.7 88.1#
 182 3.0 2.3 3.5

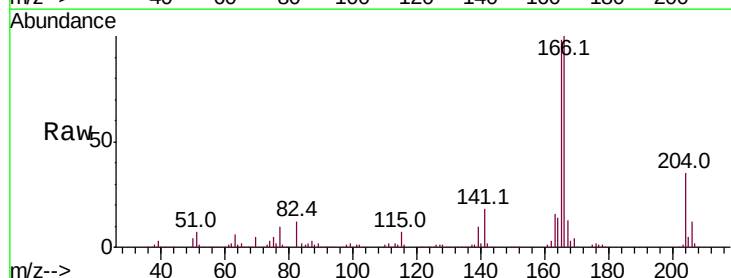


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

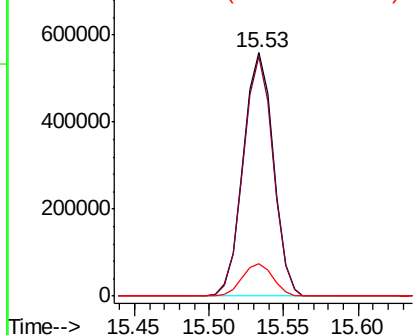
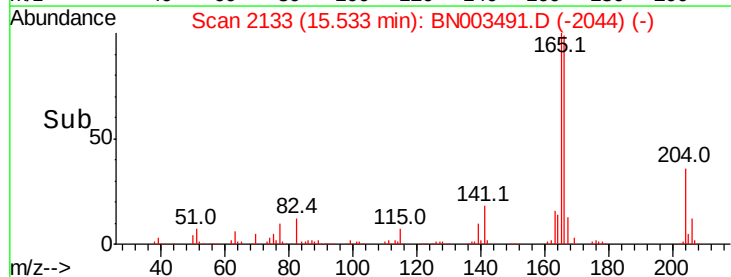


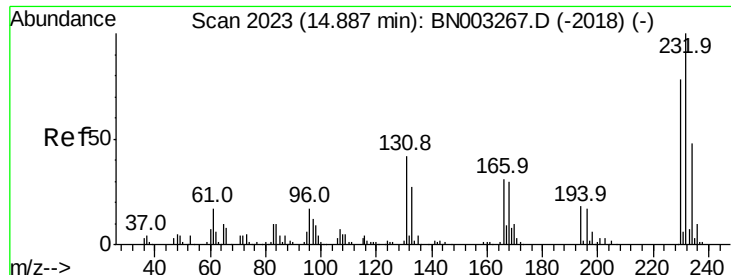
#58
 Fluorene
 Concen: 44.909 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion:166 Resp: 781103
 Ion Ratio Lower Upper
 166 100
 165 98.5 77.6 116.4
 167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

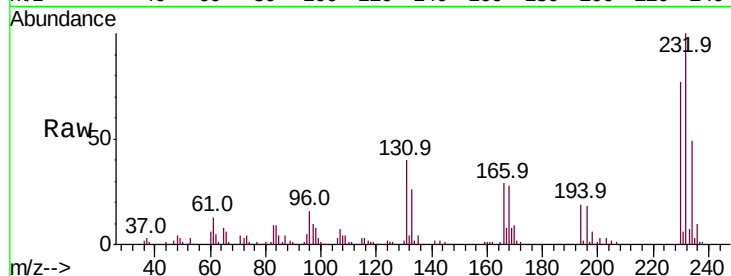




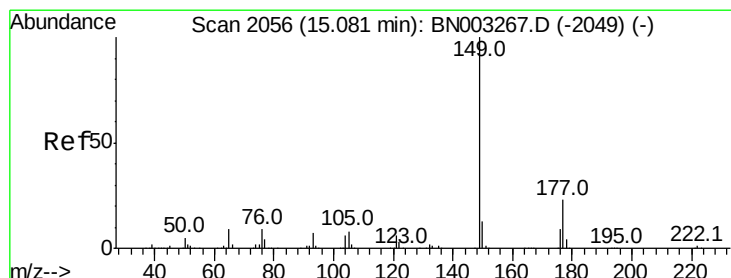
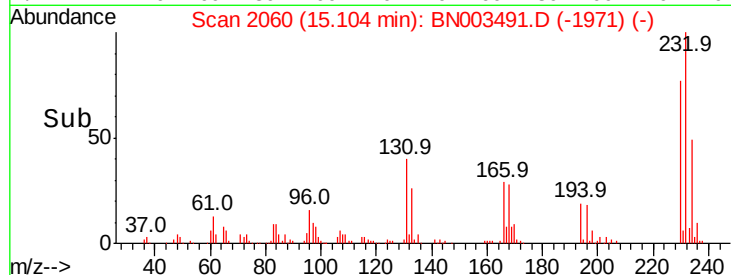
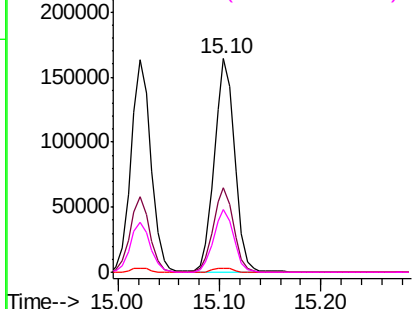
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.709 ng
RT: 15.10 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion:232 Resp: 228430
Ion Ratio Lower Upper
232 100
131 39.6 33.7 50.5
130 2.0 1.6 2.4
166 29.0 24.3 36.5

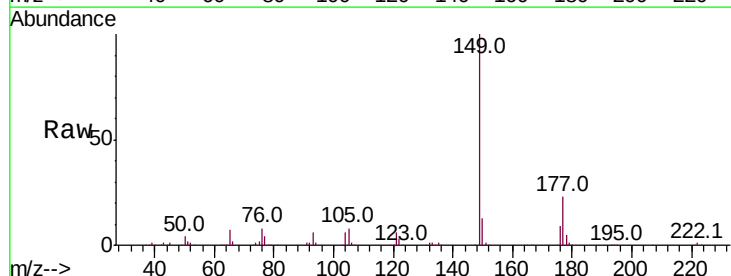


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

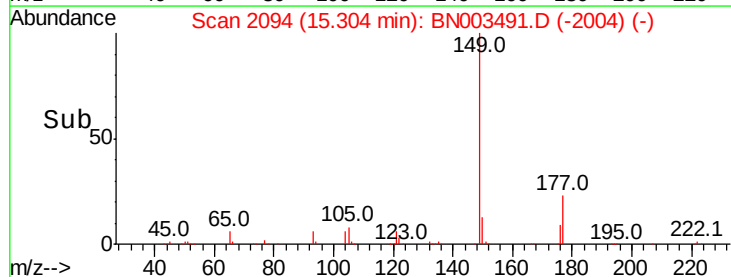
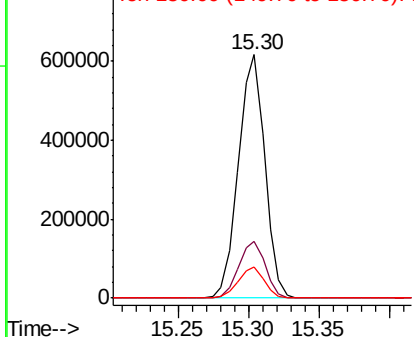


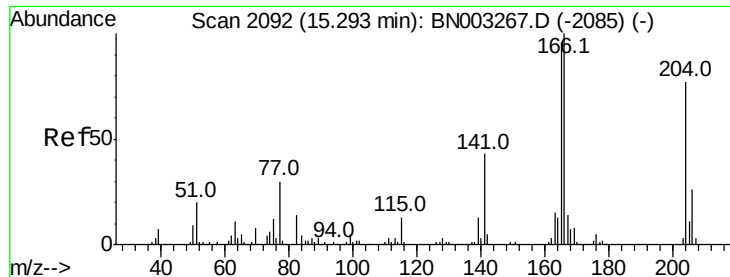
#60
Diethylphthalate
Concen: 42.512 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion:149 Resp: 804896
Ion Ratio Lower Upper
149 100
177 23.5 18.6 28.0
150 12.8 10.0 15.0



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

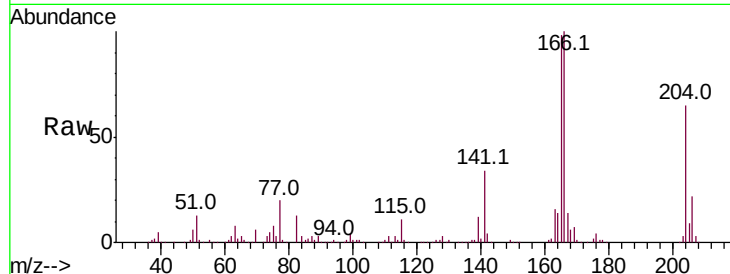




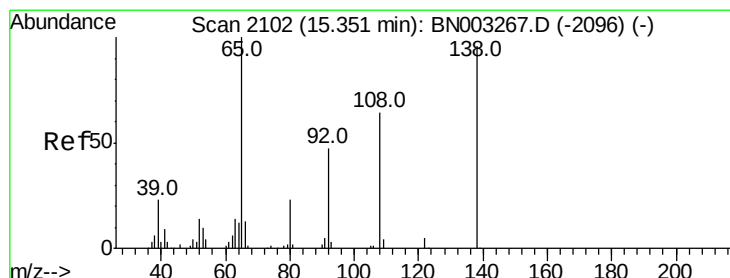
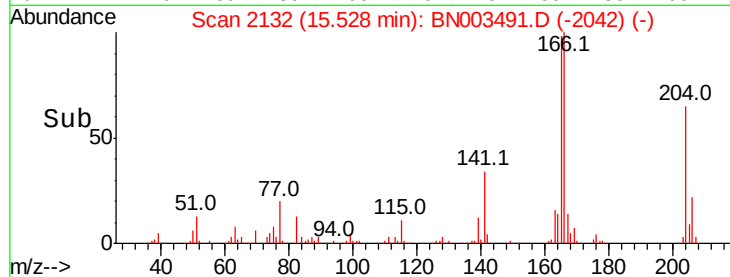
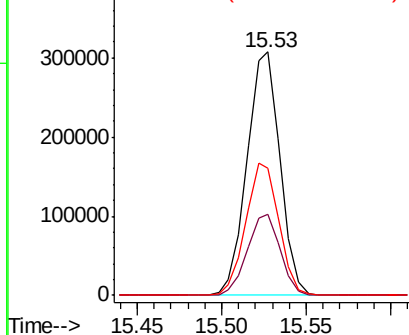
#61
 4-Chlorophenyl-phenylether
 Concen: 43.296 ng
 RT: 15.53 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

Tot Ion:204 Resp: 418385
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.6 39.8
 141 52.0 44.6 67.0

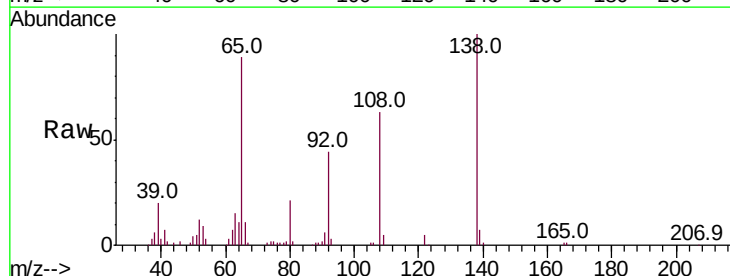


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

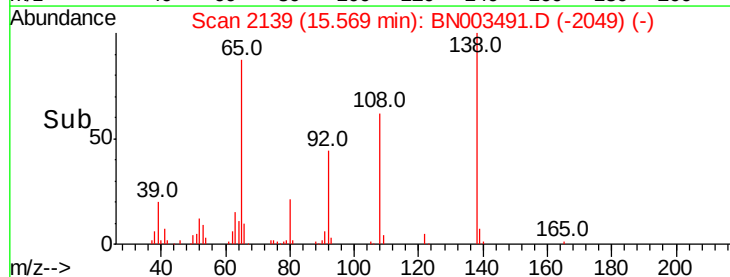
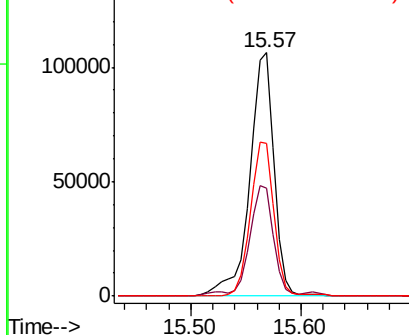


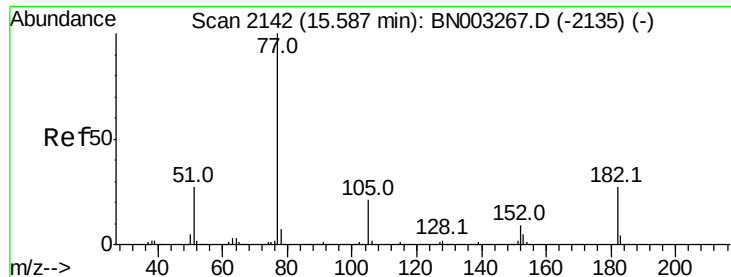
#62
 4-Nitroaniline
 Concen: 37.338 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion:138 Resp: 165128
 Ion Ratio Lower Upper
 138 100
 92 44.4 27.9 67.9
 108 62.8 46.3 86.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BNO
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.093 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

Tot Ion: 77 Resp: 684051

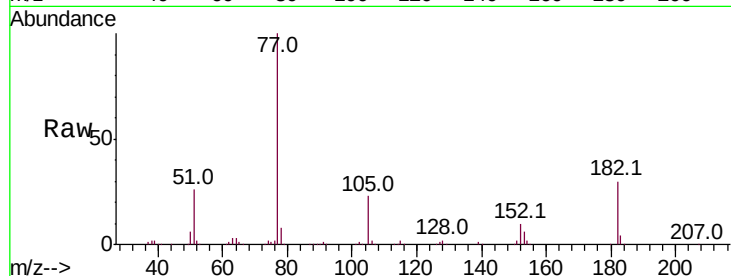
Ion Ratio Lower Upper

77 100

182 30.1 6.5 46.5

105 22.6 1.0 41.0

51 25.8 7.0 47.0

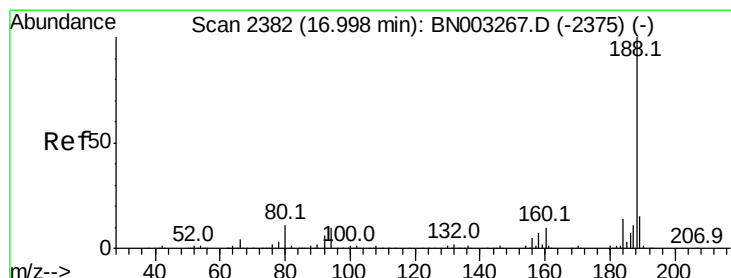
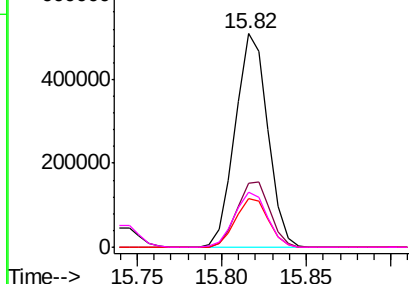
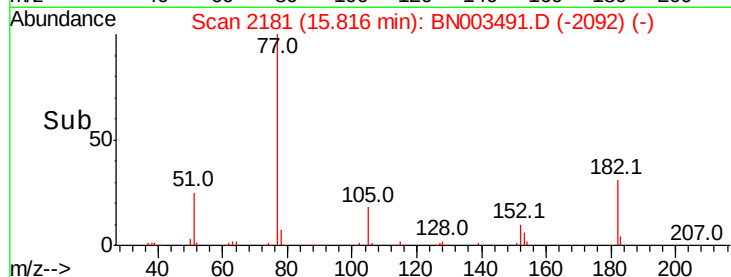


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

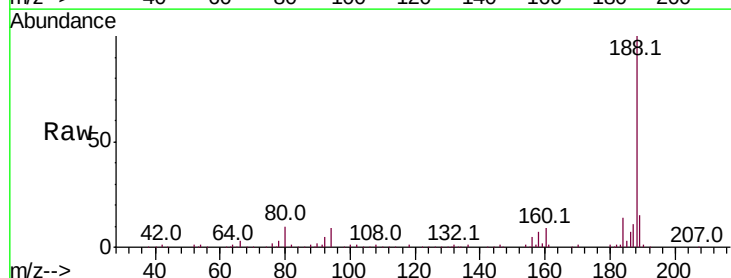
Tgt Ion: 188 Resp: 439820

Ion Ratio Lower Upper

188 100

94 9.4 8.1 12.1

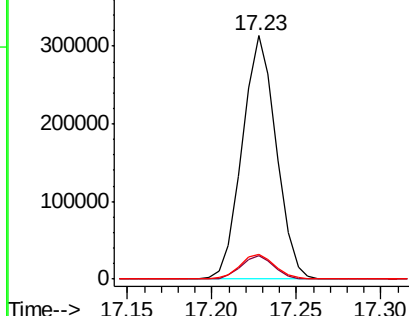
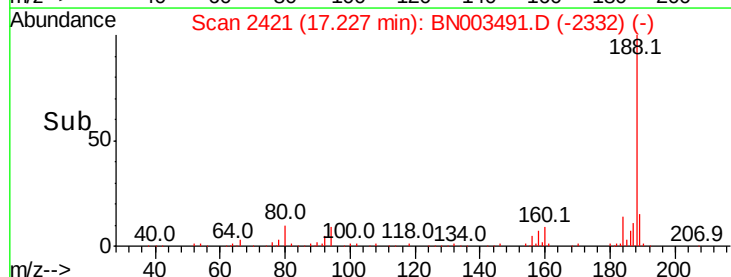
80 10.2 8.6 13.0

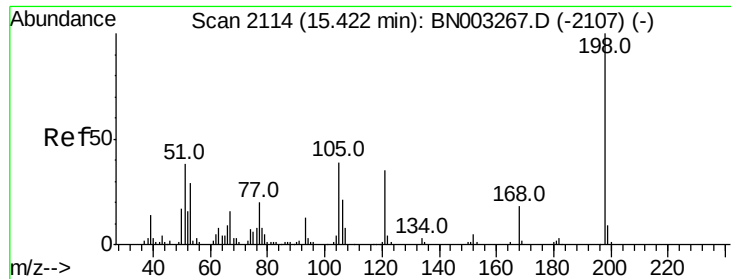


Abundance Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.749 ng

RT: 15.61 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

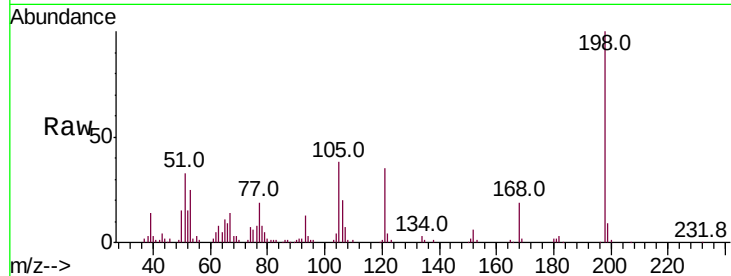
Tot Ion:198 Resp: 125052

Ion Ratio Lower Upper

198 100

51 32.9 19.2 59.2

105 37.6 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E

120000

100000

80000

60000

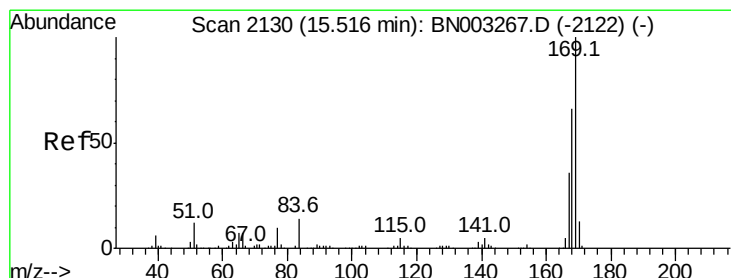
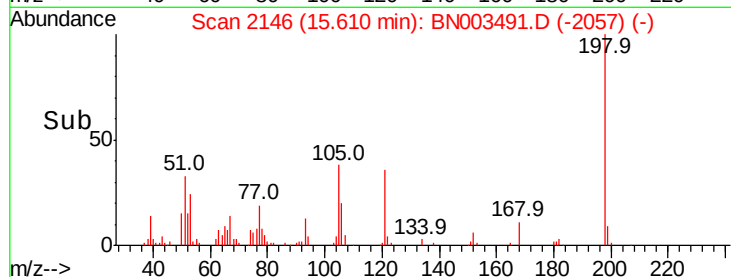
40000

20000

0

15.55 15.60 15.65

Time-->



#66

n-Nitrosodiphenylamine

Concen: 49.390 ng

RT: 15.75 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

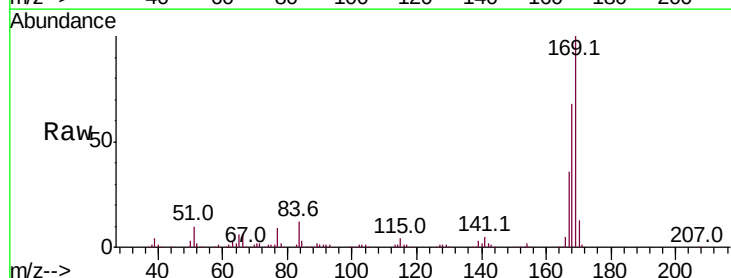
Tgt Ion:169 Resp: 680031

Ion Ratio Lower Upper

169 100

168 67.6 53.3 79.9

167 36.1 28.6 43.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

600000

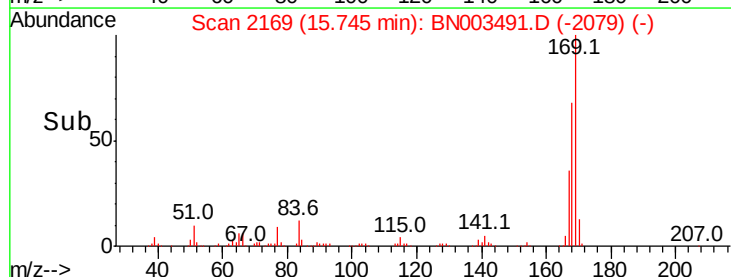
400000

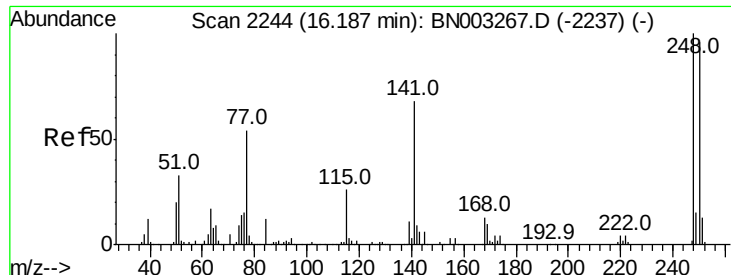
200000

0

15.65 15.70 15.75 15.80

Time-->

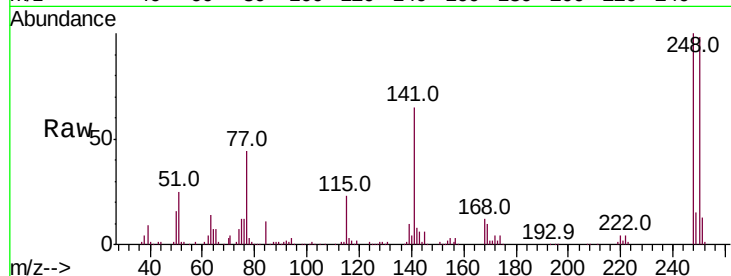




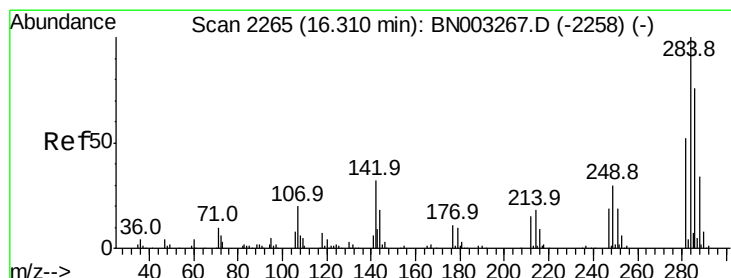
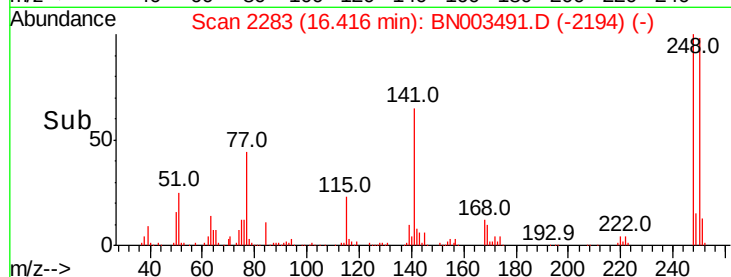
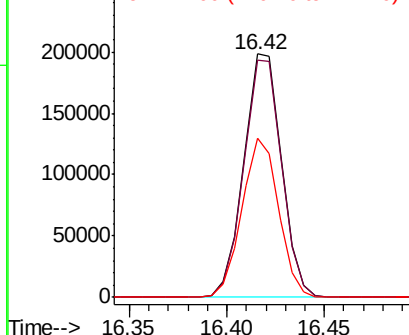
#67
 4-Bromophenyl-phenylether
 Concen: 53.748 ng
 RT: 16.42 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

Tot Ion:248 Resp: 266235
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.4 114.6
 141 65.3 54.2 81.4

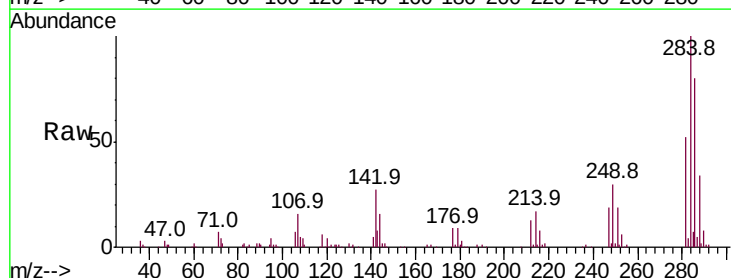


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

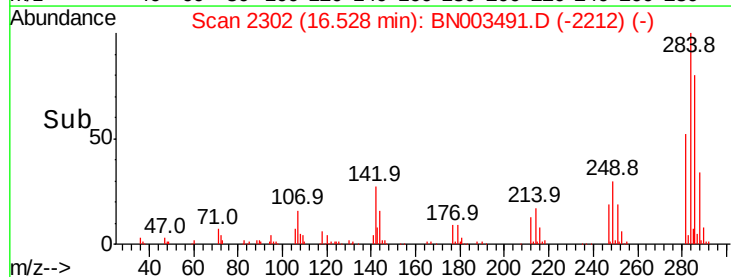
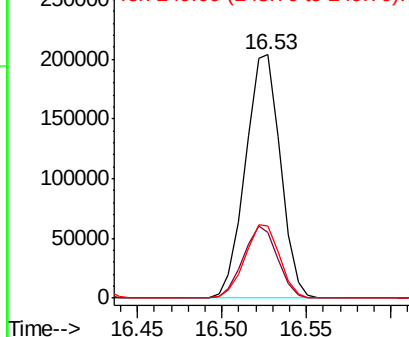


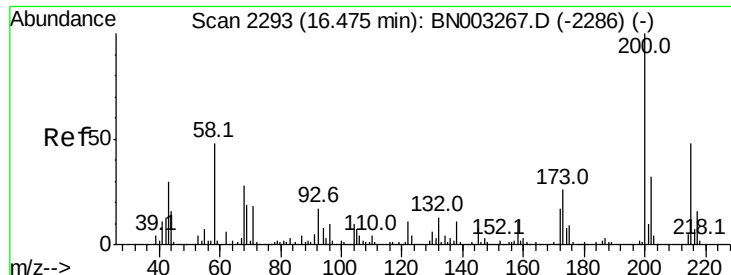
#68
 Hexachlorobenzene
 Concen: 52.136 ng
 RT: 16.53 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion:284 Resp: 294205
 Ion Ratio Lower Upper
 284 100
 142 27.0 25.6 38.4
 249 29.6 23.6 35.4



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





#69

Atrazine

Concen: 48.740 ng

RT: 16.69 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

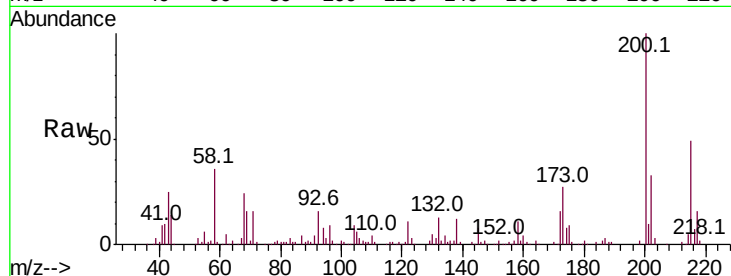
Tot Ion:200 Resp: 237831

Ion Ratio Lower Upper

200 100

173 27.0 6.3 46.3

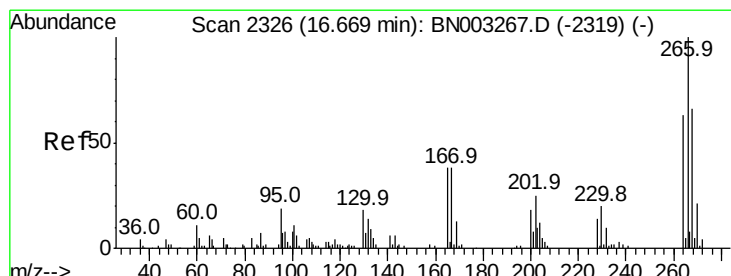
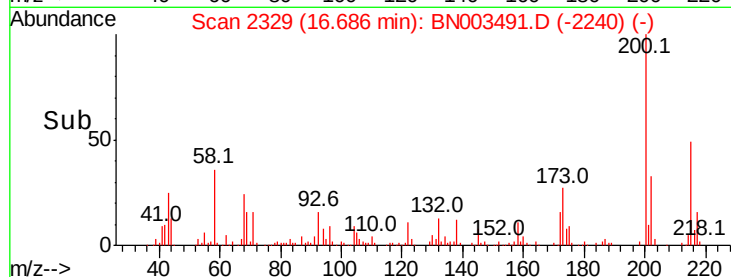
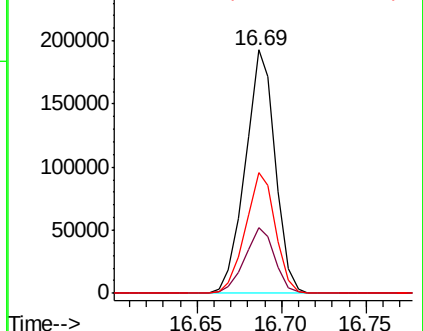
215 49.4 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 110.513 ng

RT: 16.87 min Scan# 2360

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

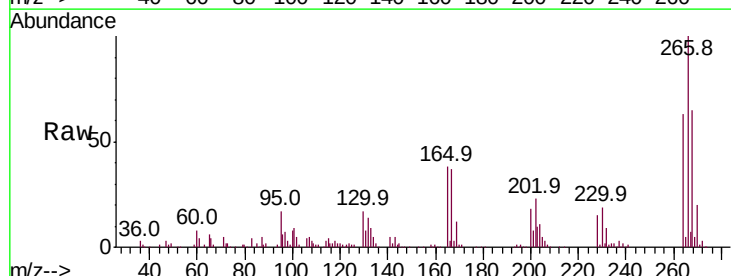
Tgt Ion:266 Resp: 322748

Ion Ratio Lower Upper

266 100

268 64.5 52.5 78.7

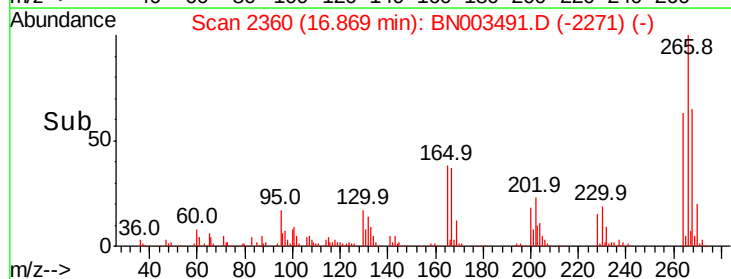
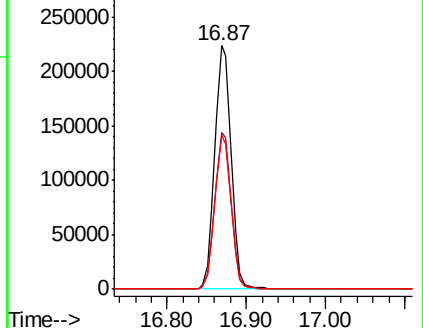
264 63.4 50.3 75.5

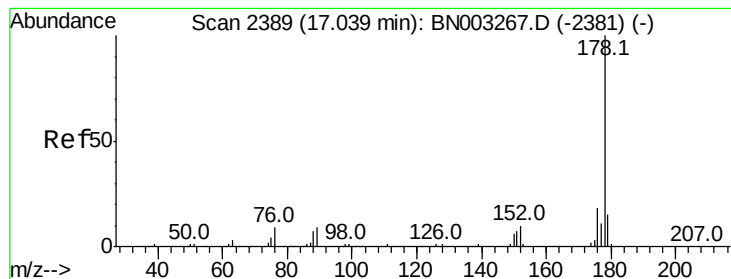


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.782 ng

RT: 17.27 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

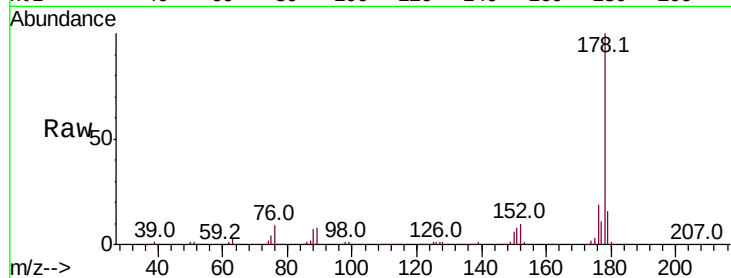
Tot Ion:178 Resp: 1104841

Ion Ratio Lower Upper

178 100

176 19.0 14.4 21.6

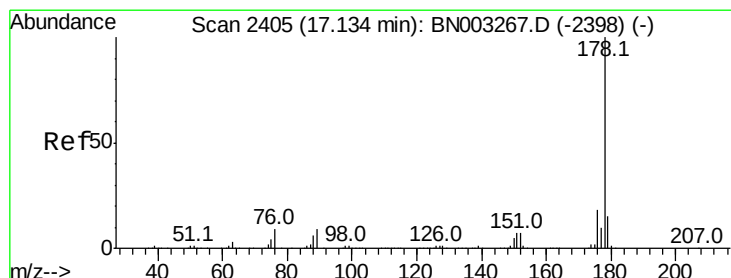
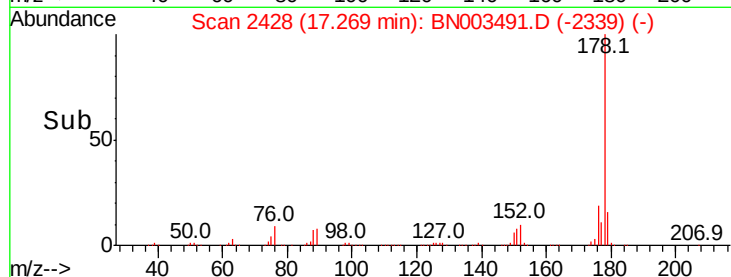
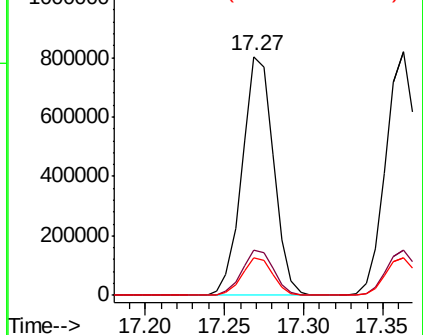
179 15.6 12.2 18.4



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

Anthracene

Concen: 48.622 ng

RT: 17.36 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

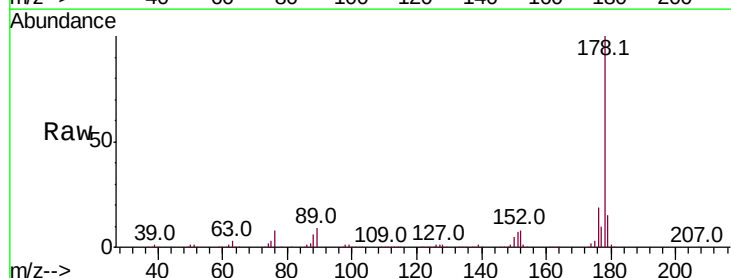
Tgt Ion:178 Resp: 1121855

Ion Ratio Lower Upper

178 100

176 18.6 14.3 21.5

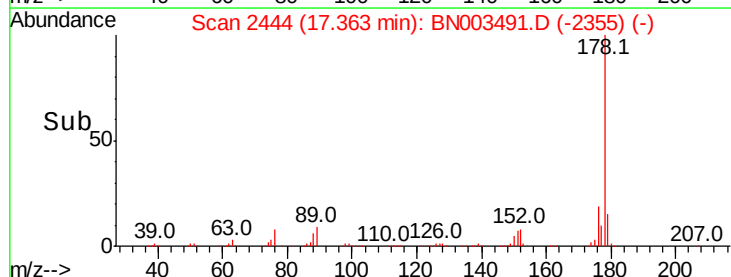
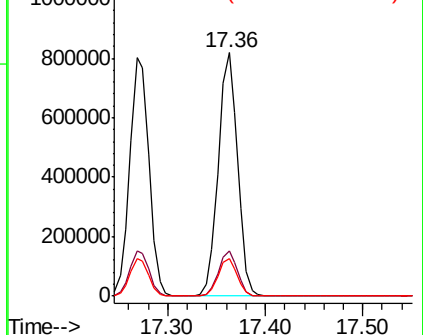
179 15.4 12.1 18.1

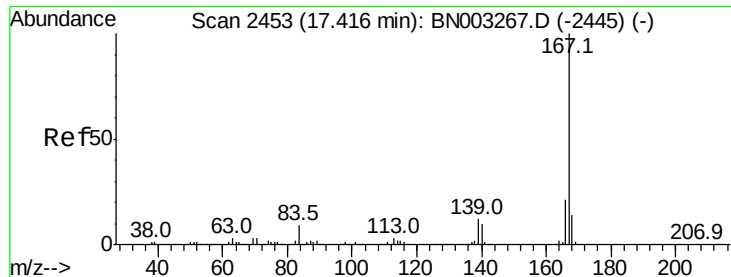


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

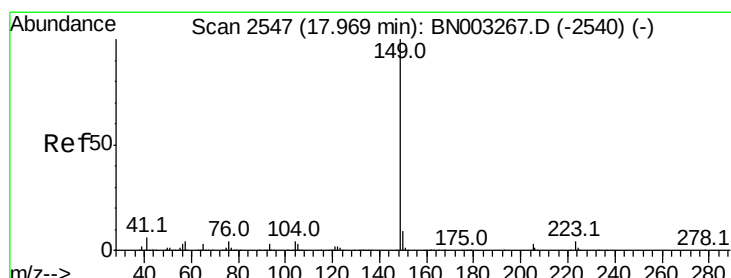
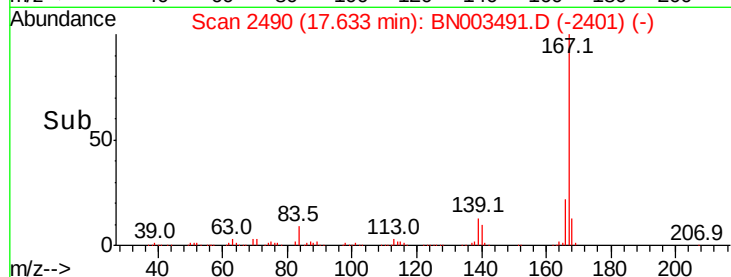
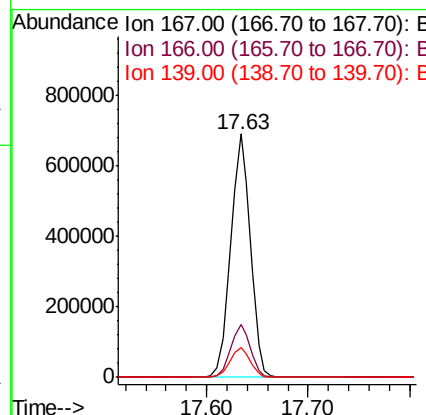
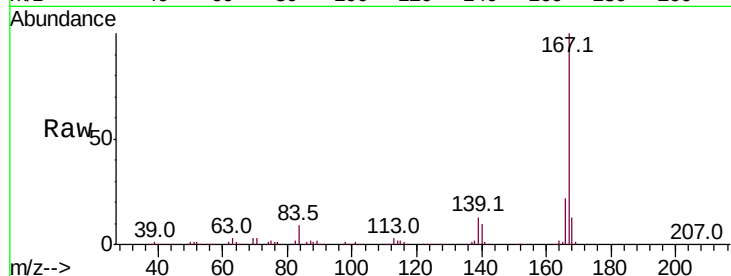




#73
 Carbazole
 Concen: 38.760 ng
 RT: 17.63 min Scan# 2490
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

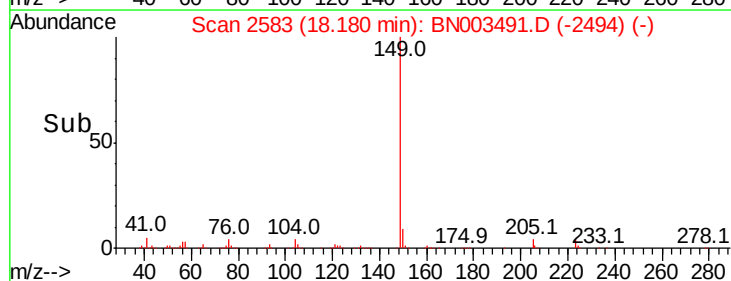
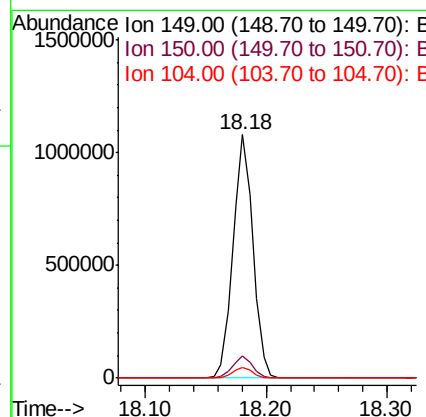
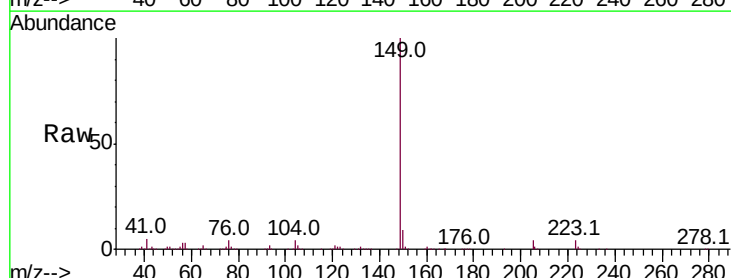
Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

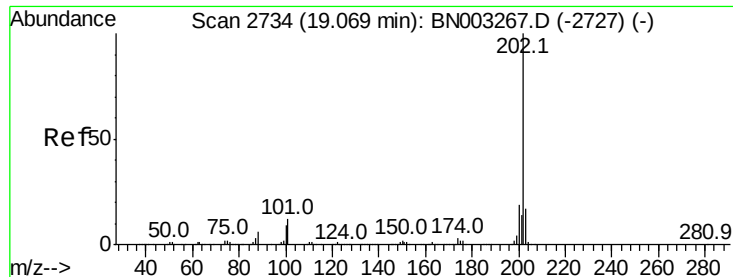
Tot Ion:167 Resp: 926134
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 12.5 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 44.206 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion:149 Resp: 1232128
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.3 3.6 5.4

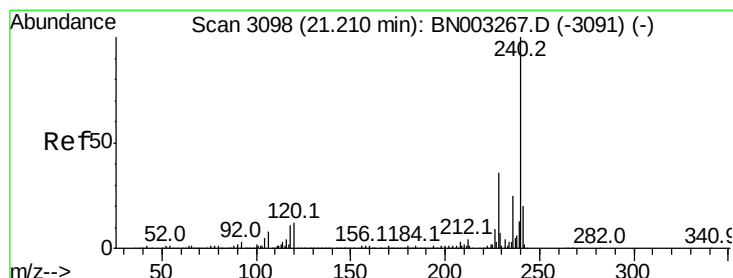
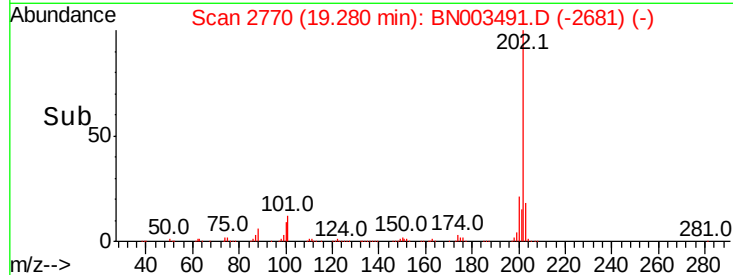
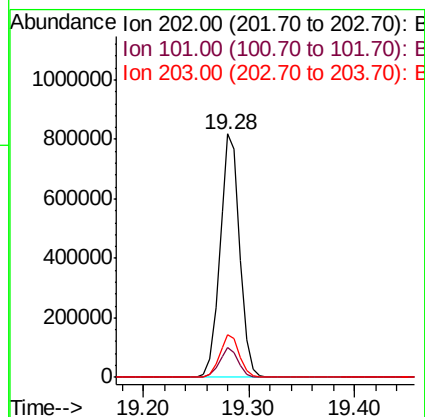
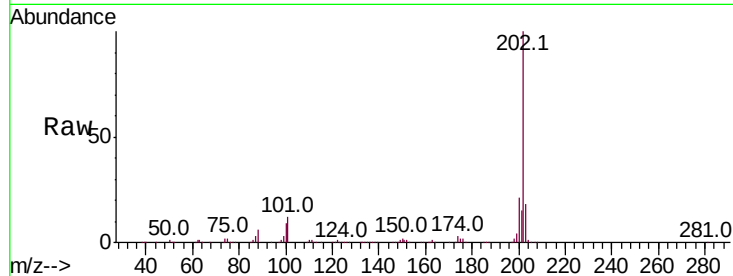




#75
Fluoranthene
Concen: 39.079 ng
RT: 19.28 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

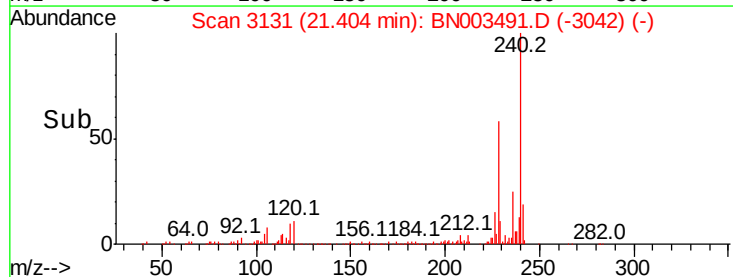
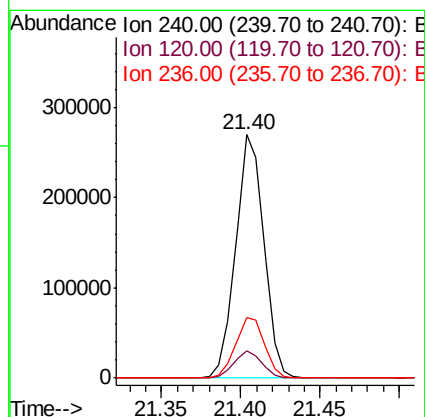
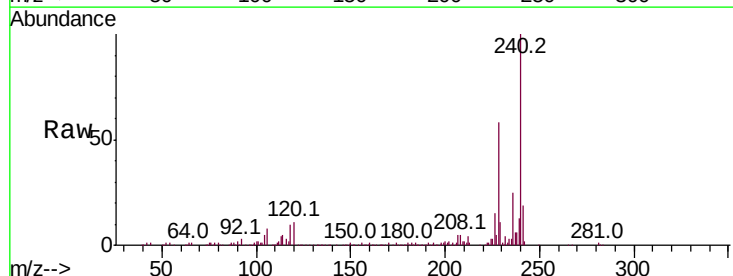
Instrument :
BNA_N
ClientSampleId :
PB114671BSD

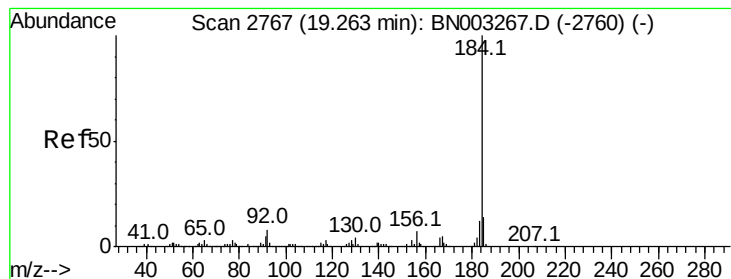
Tot Ion:202 Resp: 1064548
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.3
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion:240 Resp: 331989
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.0
236 25.0 20.3 30.5





#77

Benzidine

Concen: 34.262 ng

RT: 19.47 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

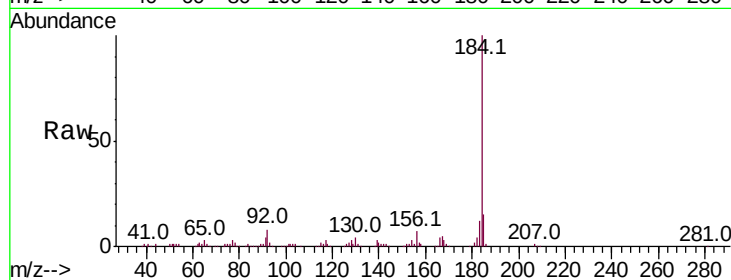
Tot Ion:184 Resp: 332994

Ion Ratio Lower Upper

184 100

185 14.9 11.5 17.3

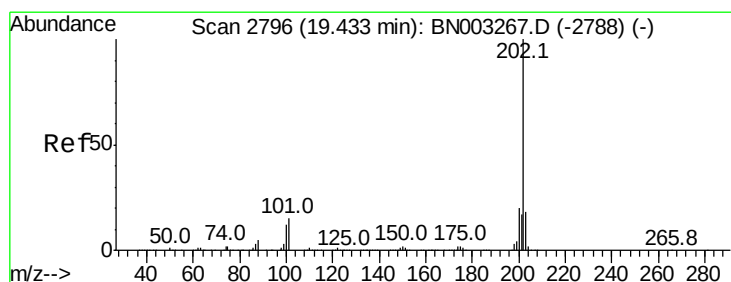
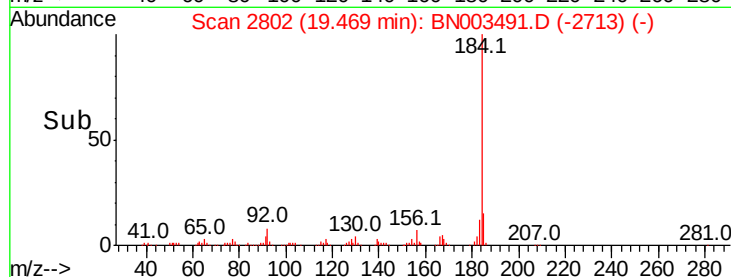
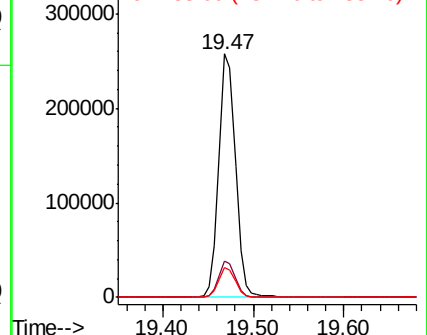
183 12.4 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.285 ng

RT: 19.64 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

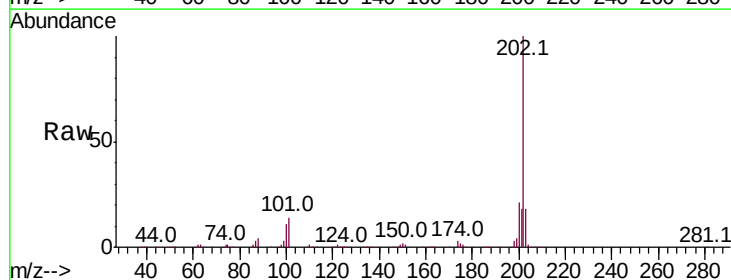
Tgt Ion:202 Resp: 1039704

Ion Ratio Lower Upper

202 100

200 20.8 16.2 24.4

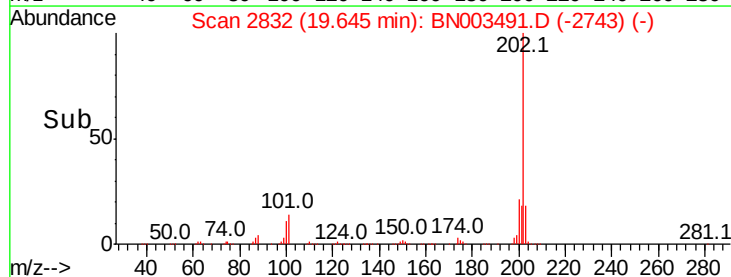
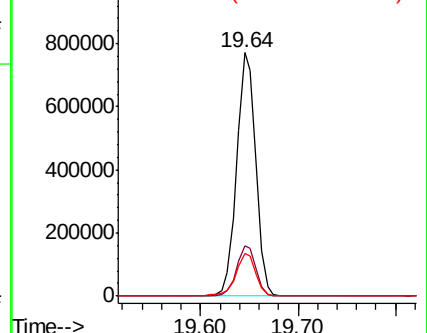
203 17.6 14.3 21.5

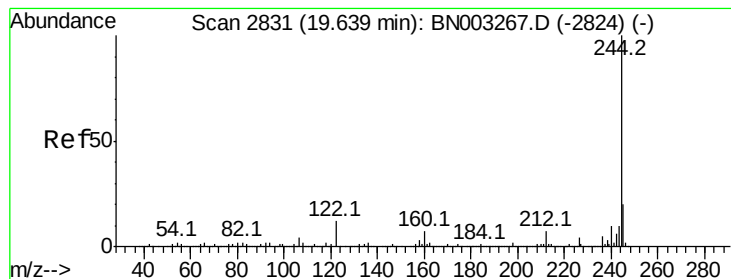


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 101.672 ng

RT: 19.84 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

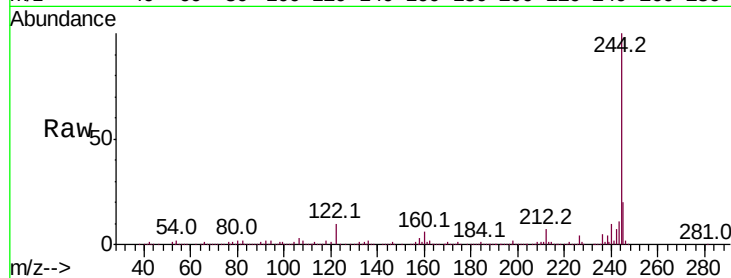
Tot Ion:244 Resp: 1578356

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

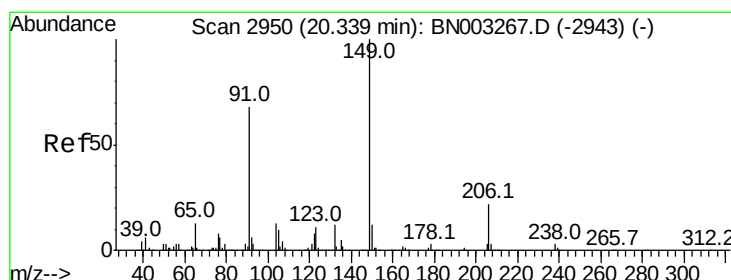
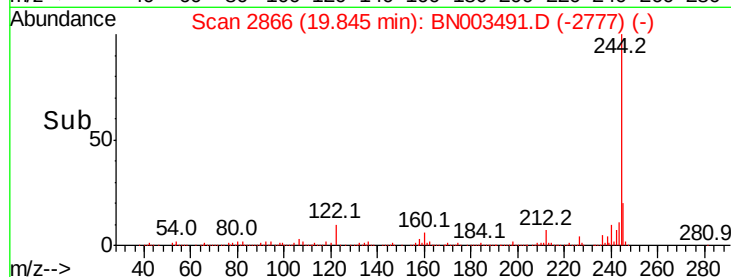
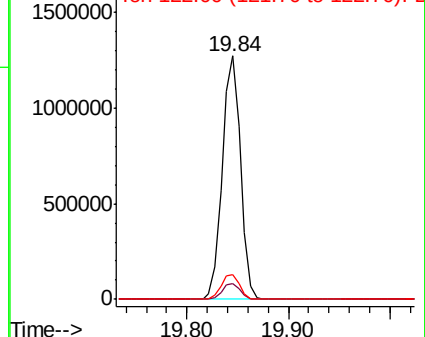
122 10.4 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.724 ng

RT: 20.53 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

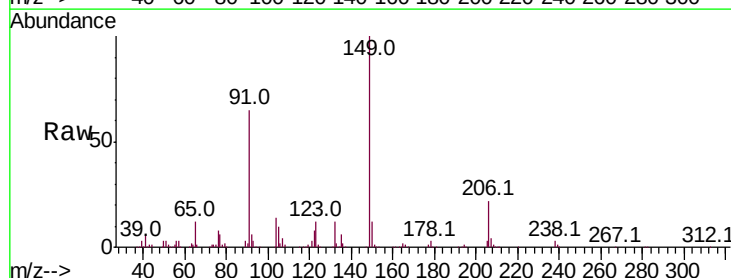
Tgt Ion:149 Resp: 423327

Ion Ratio Lower Upper

149 100

91 65.1 54.6 81.8

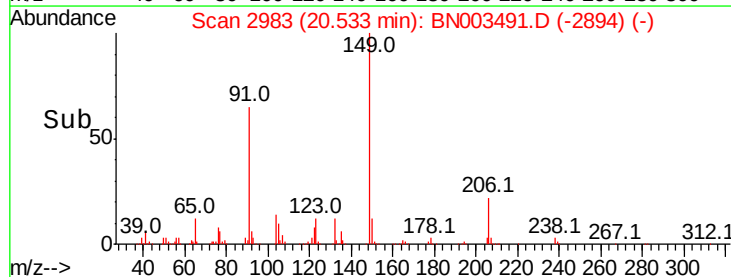
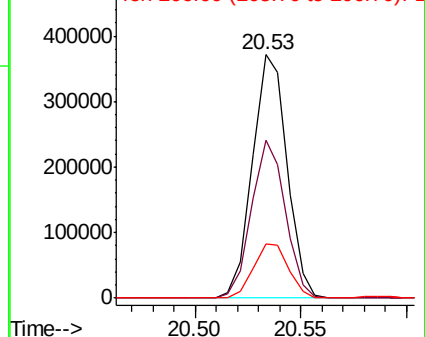
206 22.2 17.8 26.6

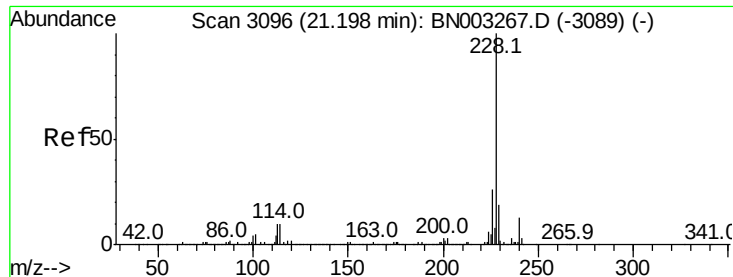


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.830 ng

RT: 21.39 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

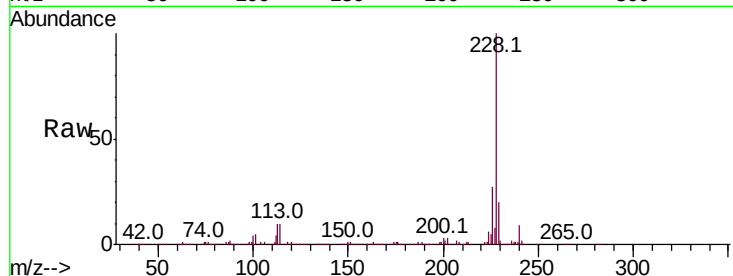
Tot Ion:228 Resp: 924719

Ion Ratio Lower Upper

228 100

226 26.7 20.8 31.2

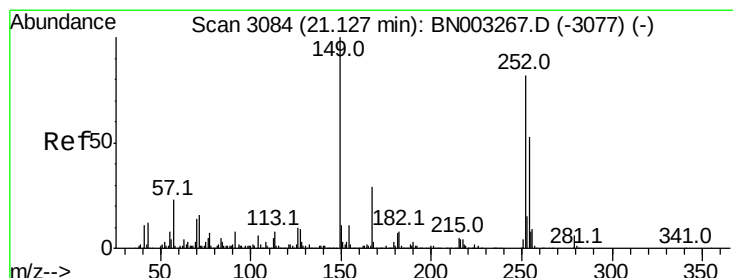
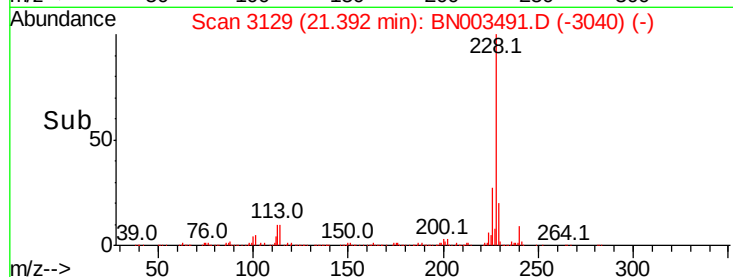
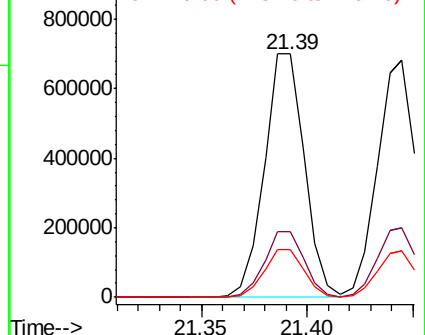
229 19.6 15.3 22.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.299 ng

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

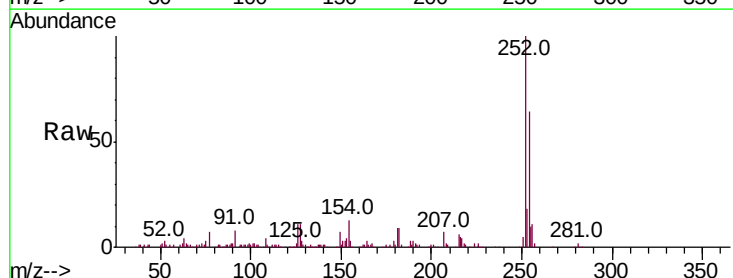
Tgt Ion:252 Resp: 194407

Ion Ratio Lower Upper

252 100

254 63.8 51.1 76.7

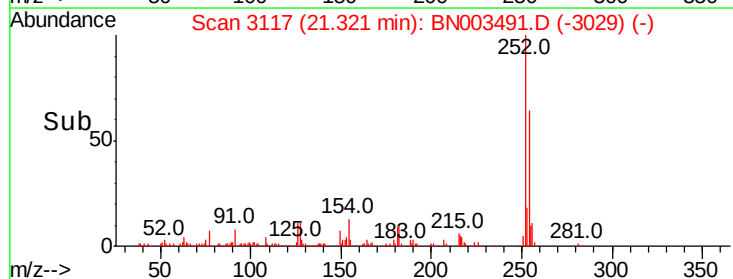
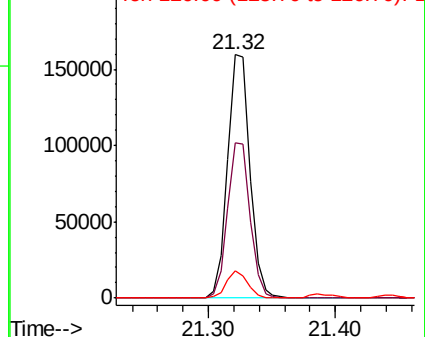
126 11.1 9.3 13.9

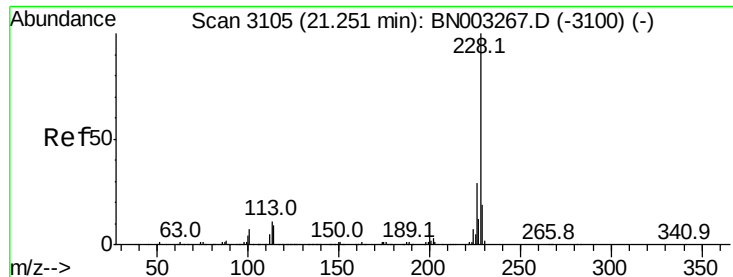


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.443 ng

RT: 21.44 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

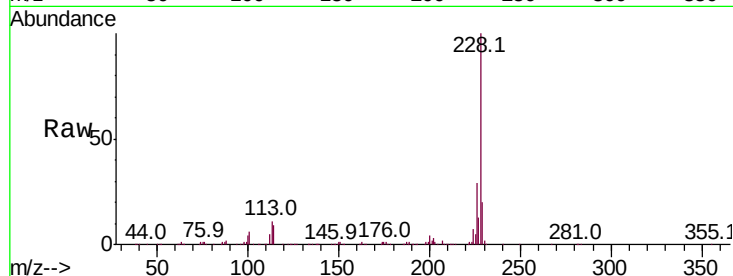
Tot Ion:228 Resp: 863166

Ion Ratio Lower Upper

228 100

226 29.5 23.3 34.9

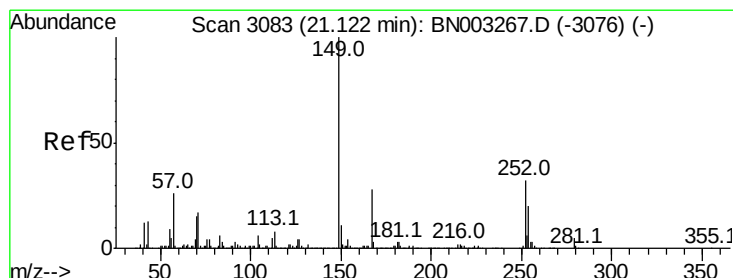
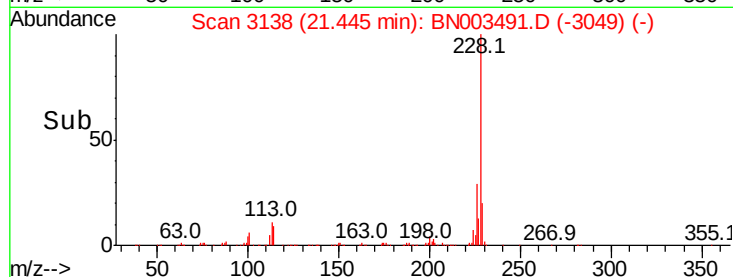
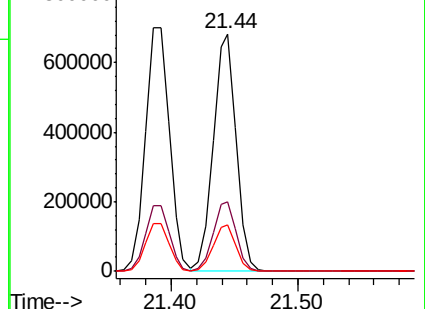
229 19.7 15.3 22.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.218 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

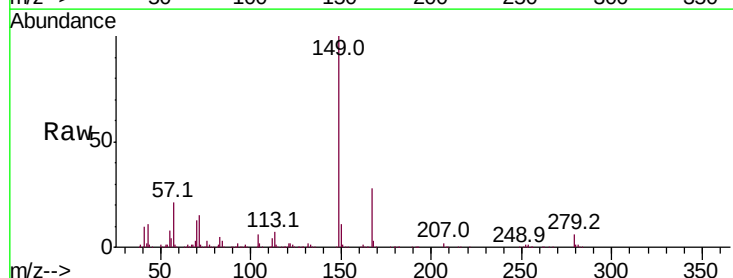
Tgt Ion:149 Resp: 594112

Ion Ratio Lower Upper

149 100

167 28.4 22.6 33.8

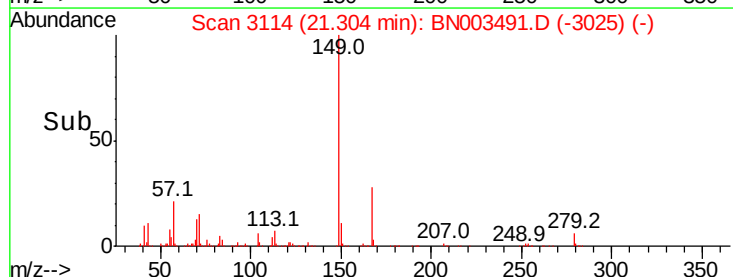
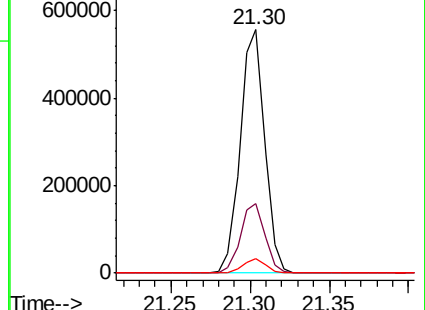
279 5.8 3.8 5.8#

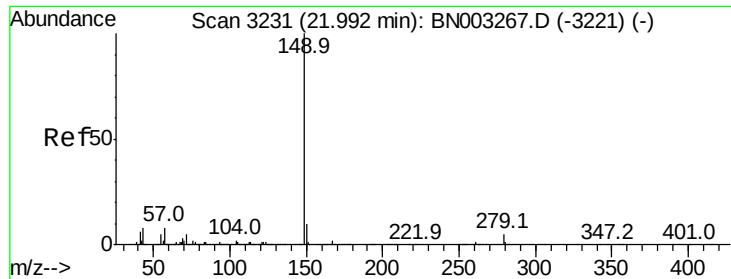


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.778 ng

RT: 22.20 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

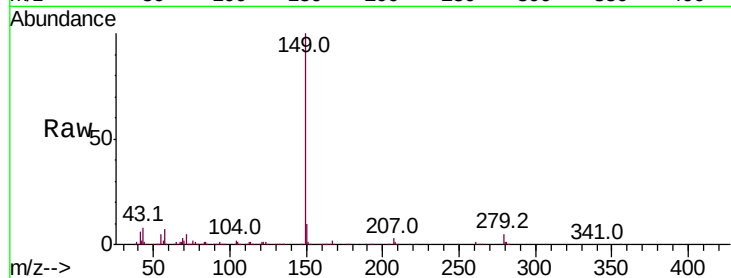
Tot Ion:149 Resp: 894069

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

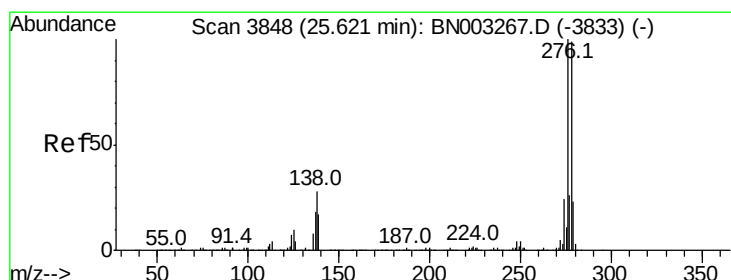
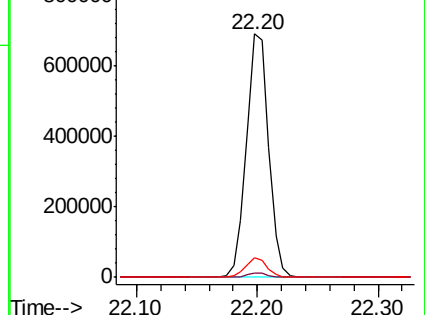
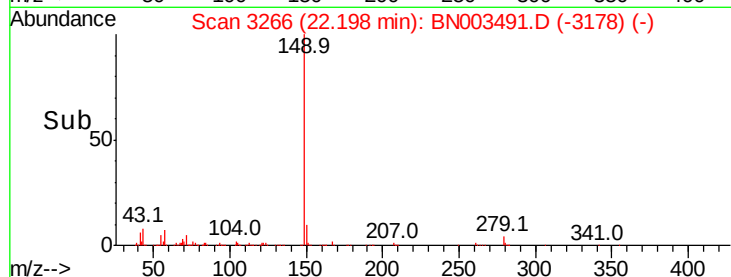
43 7.6 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.318 ng

RT: 26.09 min Scan# 3927

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

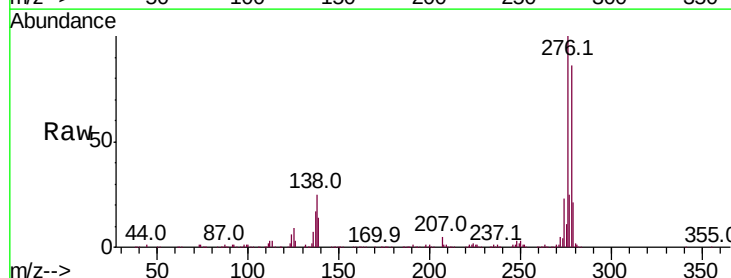
Tgt Ion:276 Resp: 1263478

Ion Ratio Lower Upper

276 100

138 25.0 21.2 31.8

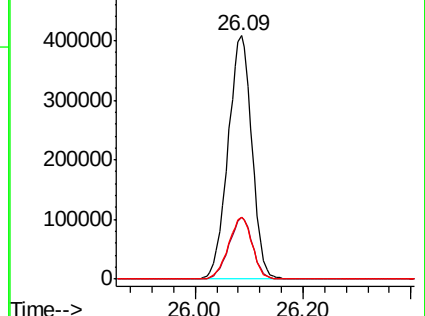
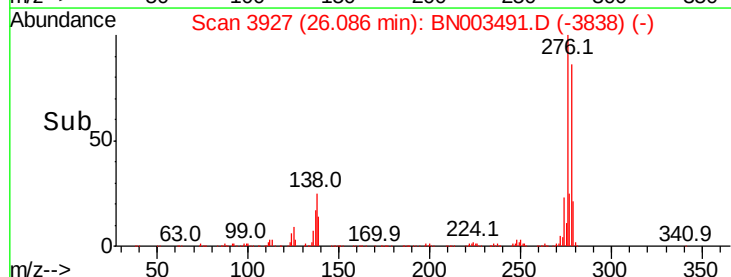
277 25.3 20.2 30.4

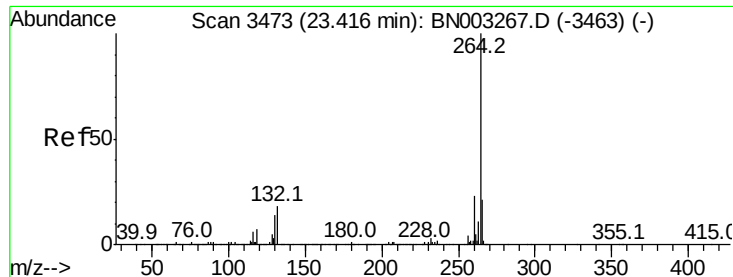


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.72 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

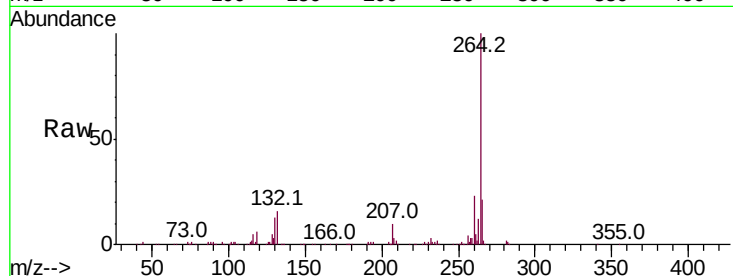
Tot Ion:264 Resp: 370646

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.4 16.6 25.0

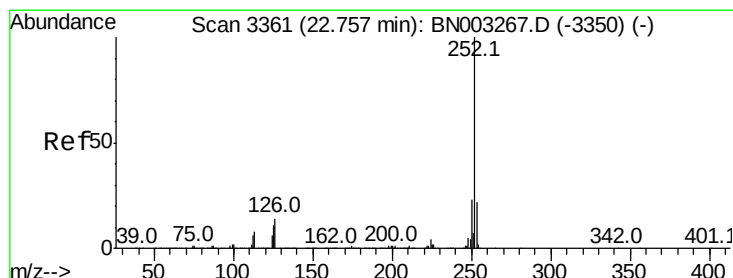
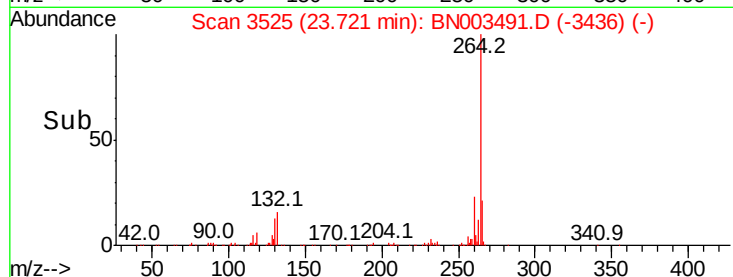
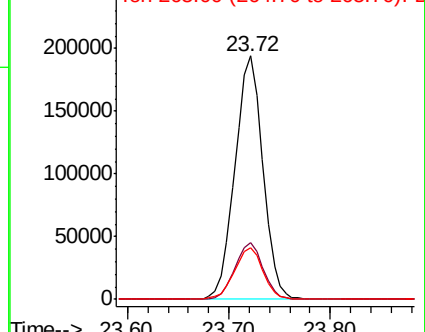


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 48.255 ng

RT: 23.02 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

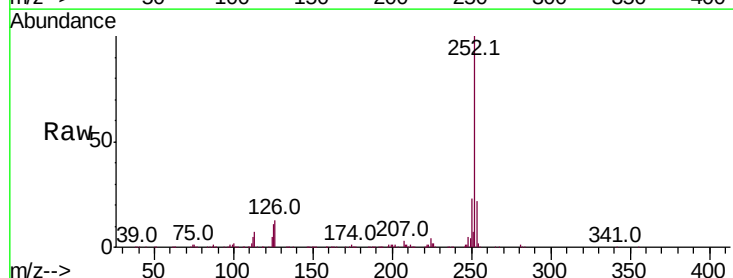
Tgt Ion:252 Resp: 984777

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.5 8.6 12.8

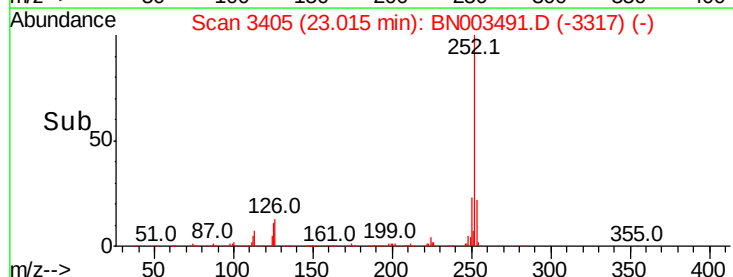
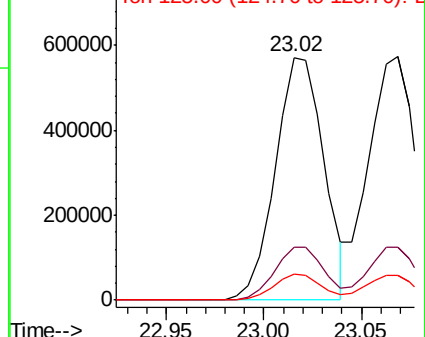


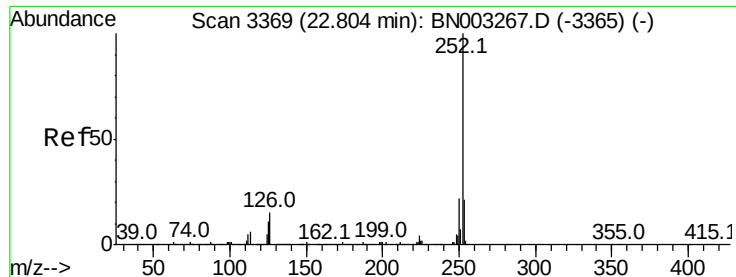
Abundance

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

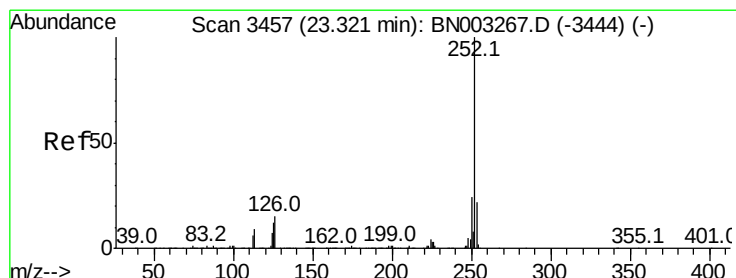
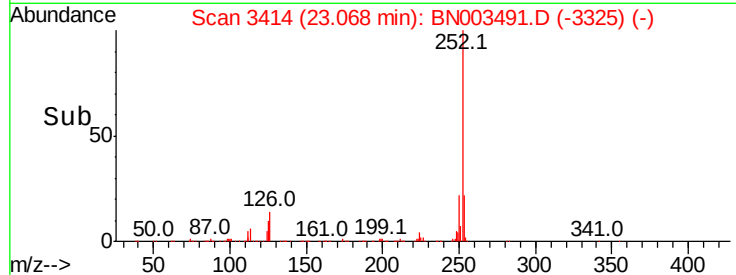
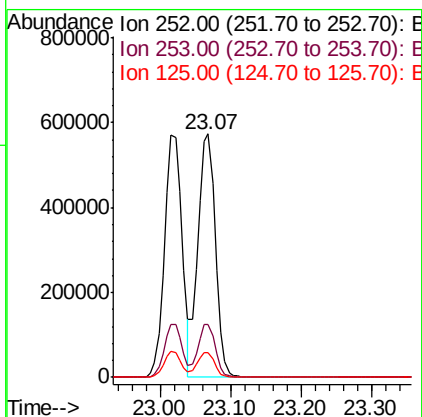
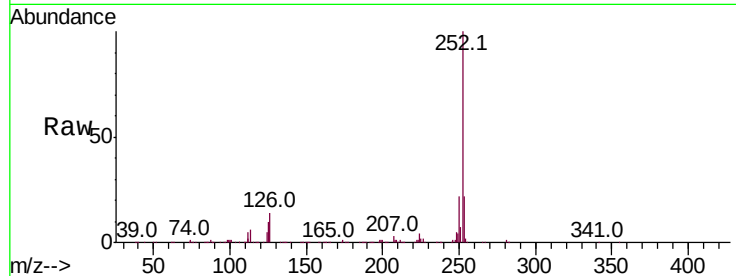




#89
Benzo(k)fluoranthene
Concen: 49.695 ng
RT: 23.07 min Scan# 3414
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

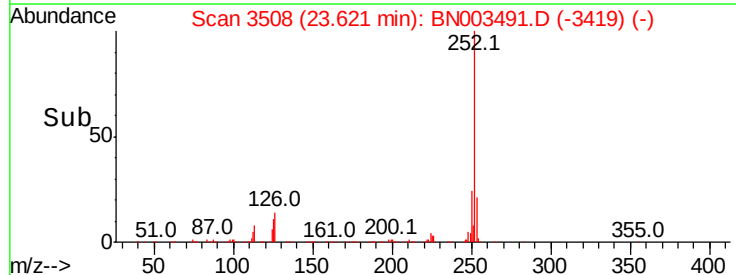
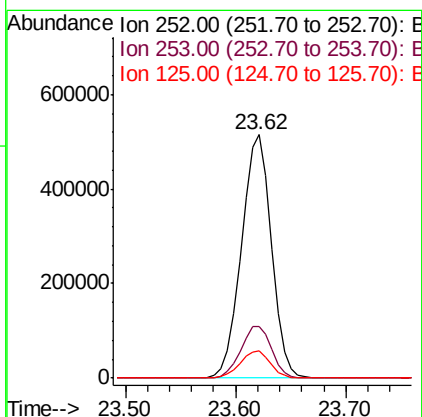
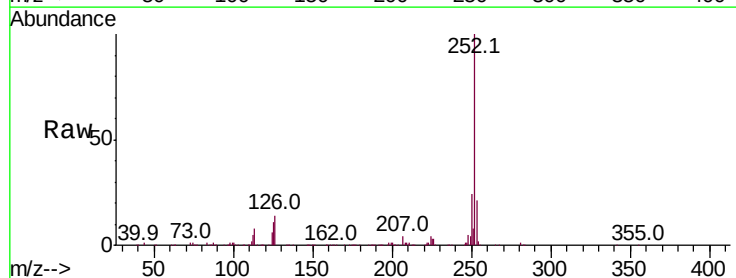
Instrument :
BNA_N
ClientSampleId :
PB114671BSD

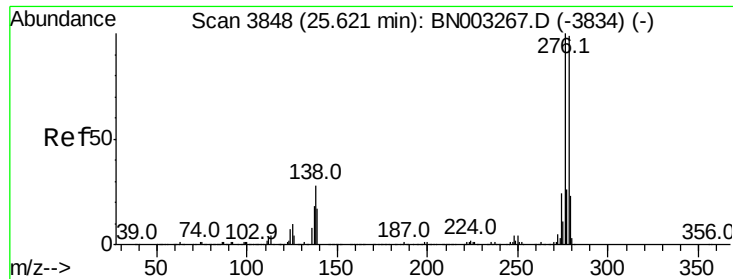
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	10.1	8.7	13.1



#90
Benzo(a)pyrene
Concen: 50.539 ng
RT: 23.62 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	11.1	9.6	14.4





#91

Dibenzo(a,h)anthracene

Concen: 55.275 ng

RT: 26.09 min Scan# 3928

Delta R.T. -0.02 min

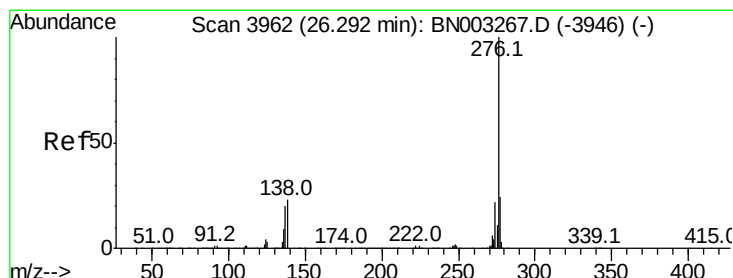
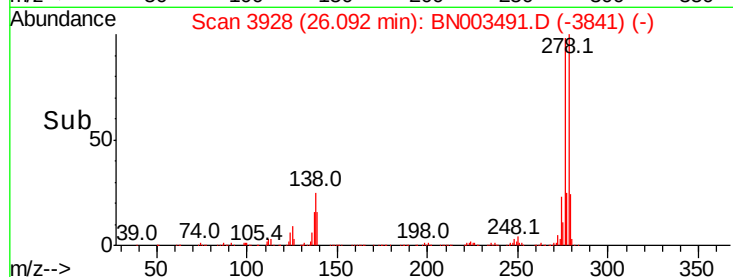
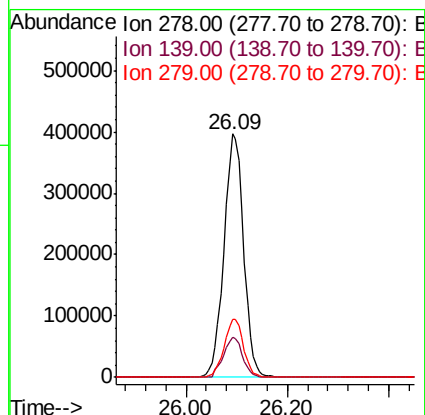
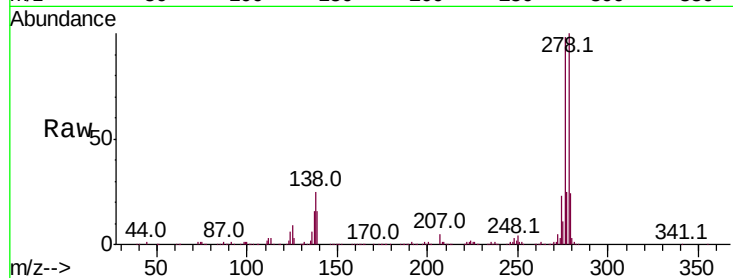
Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion:278 Resp: 1064101

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.9	20.9
279	23.7	19.0	28.6



#92

Benzo(g,h,i)perylene

Concen: 57.176 ng

RT: 26.81 min Scan# 4050

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Tgt Ion:276 Resp: 1056683

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	21.0	18.2	27.4

