

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003472.D
 Acq On : 09 Nov 2018 15:15
 Operator : MJ/SJ
 Sample : PB114663BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB114663BS

Quant Time: Nov 12 03:18:50 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	121516	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	537809	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	310880	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	649366	20.00	ng	0.00
76) Chrysene-d12	21.41	240	562999	20.00	ng	0.00
87) Perylene-d12	23.72	264	558728	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1176173	168.59	ng	0.01
7) Phenol-d6	7.02	99	1548997	156.14	ng	0.00
23) Nitrobenzene-d5	9.02	82	693809	73.98	ng	0.00
42) 2,4,6-Tribromophenol	15.98	330	728748	174.09	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1854254	80.90	ng	0.00
79) Terphenyl-d14	19.85	244	2301854	87.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	104267	31.476	ng	92
3) Pyridine	3.73	79	296696	39.196	ng	92
4) n-Nitrosodimethylamine	3.65	42	113700	40.797	ng	# 90
6) Aniline	7.18	93	465754	37.597	ng	97
8) 2-Chlorophenol	7.42	128	389359	45.311	ng	94
9) Benzaldehyde	7.00	77	217020	37.667	ng	97
10) Phenol	7.05	94	459488	43.891	ng	95
11) bis(2-Chloroethyl)ether	7.28	93	326167	38.145	ng	94
12) 1,3-Dichlorobenzene	7.74	146	388960	40.712	ng	96
13) 1,4-Dichlorobenzene	7.89	146	396182	40.272	ng	98
14) 1,2-Dichlorobenzene	8.20	146	381711	39.980	ng	99
15) Benzyl Alcohol	8.09	79	301987	42.243	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.38	45	416323	33.208	ng	97
17) 2-Methylphenol	8.29	107	321948	44.998	ng	97
18) Hexachloroethane	8.92	117	134532	39.036	ng	95
19) n-Nitroso-di-n-propylamine	8.66	70	247197	34.555	ng	95
20) 3+4-Methylphenols	8.62	107	433802	42.683	ng	98
22) Acetophenone	8.68	105	520941	39.961	ng	# 96
24) Nitrobenzene	9.06	77	367123	38.364	ng	94
25) Isophorone	9.58	82	698195	42.444	ng	96
26) 2-Nitrophenol	9.77	139	208026	41.302	ng	93
27) 2,4-Dimethylphenol	9.82	122	367809	51.937	ng	99
28) bis(2-Chloroethoxy)methane	10.06	93	456737	41.214	ng	99
29) 2,4-Dichlorophenol	10.29	162	379388	46.945	ng	99
30) 1,2,4-Trichlorobenzene	10.50	180	384182	41.816	ng	98
31) Naphthalene	10.70	128	1148119	43.686	ng	99
32) Benzoic acid	9.96	122	238851	40.319	ng	93
33) 4-Chloroaniline	10.81	127	252639	21.755	ng	96
34) Hexachlorobutadiene	10.96	225	225042	41.047	ng	98
35) Caprolactam	11.61	113	46041	14.550	ng	# 84
36) 4-Chloro-3-methylphenol	11.93	107	378604	42.004	ng	93
37) 2-Methylnaphthalene	12.31	142	859711	45.775	ng	100
38) 1-Methylnaphthalene	12.53	142	814712	44.414	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	449881	43.744	ng	99

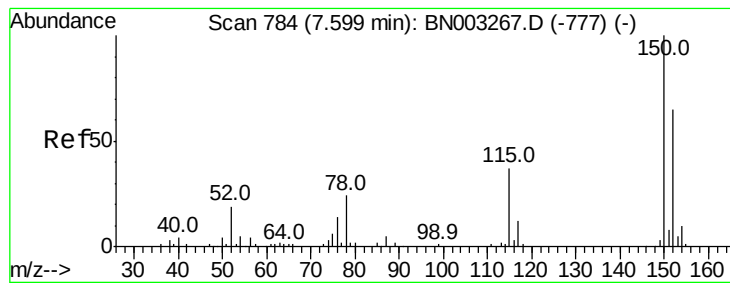
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	562873	121.062	ng	100
43) 2,4,6-Trichlorophenol	12.92	196	306166	47.119	ng	100
44) 2,4,5-Trichlorophenol	12.98	196	328400	48.453	ng	99
46) 1,1'-Biphenyl	13.32	154	1092545	40.042	ng	99
47) 2-Chloronaphthalene	13.36	162	848452	42.157	ng	99
48) 2-Nitroaniline	13.57	65	215542	36.449	ng	89
49) Acenaphthylene	14.21	152	1372699	44.560	ng	99
50) Dimethylphthalate	13.95	163	1044276	41.544	ng	100
51) 2,6-Dinitrotoluene	14.07	165	235209	41.227	ng	92
52) Acenaphthene	14.55	154	783720	41.988	ng	98
53) 3-Nitroaniline	14.40	138	167108	27.400	ng	94
54) 2,4-Dinitrophenol	14.61	184	229794	70.814	ng	# 88
55) Dibenzofuran	14.89	168	1259975	41.492	ng	99
56) 4-Nitrophenol	14.71	139	527595	117.307	ng	91
57) 2,4-Dinitrotoluene	14.86	165	317678	41.067	ng	# 78
58) Fluorene	15.53	166	992330	42.348	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	295969	49.729	ng	97
60) Diethylphthalate	15.30	149	1016153	39.837	ng	99
61) 4-Chlorophenyl-phenylether	15.53	204	524561	40.293	ng	99
62) 4-Nitroaniline	15.57	138	238391	40.010	ng	97
63) Azobenzene	15.82	77	869959	36.903	ng	94
65) 4,6-Dinitro-2-methylphenol	15.62	198	164562	36.319	ng	94
66) n-Nitrosodiphenylamine	15.75	169	872653	42.928	ng	99
67) 4-Bromophenyl-phenylether	16.42	248	341856	46.744	ng	95
68) Hexachlorobenzene	16.53	284	386143	46.347	ng	95
69) Atrazine	16.69	200	312265	43.344	ng	98
70) Pentachlorophenol	16.87	266	444479	103.522	ng	99
71) Phenanthrene	17.27	178	1483013	43.441	ng	98
72) Anthracene	17.36	178	1517657	44.551	ng	98
73) Carbazole	17.64	167	1319336	37.398	ng	99
74) Di-n-butylphthalate	18.18	149	1612786	39.191	ng	99
75) Fluoranthene	19.29	202	1599096	39.759	ng	99
77) Benzidine	19.47	184	865341	52.502	ng	99
78) Pyrene	19.65	202	1577799	47.683	ng	99
80) Butylbenzylphthalate	20.54	149	661543	43.057	ng	93
81) Benzo(a)anthracene	21.39	228	1427573	43.541	ng	97
82) 3,3'-Dichlorobenzidine	21.33	252	394123	29.048	ng	99
83) Chrysene	21.44	228	1312516	41.644	ng	98
84) Bis(2-ethylhexyl)phthalate	21.30	149	942661	41.371	ng	97
85) Di-n-octyl phthalate	22.20	149	1503968	38.465	ng	97
86) Indeno(1,2,3-cd)pyrene	26.09	276	1651395	45.718	ng	99
88) Benzo(b)fluoranthene	23.02	252	1395130	45.350	ng	99
89) Benzo(k)fluoranthene	23.07	252	1337437	44.327	ng	99
90) Benzo(a)pyrene	23.62	252	1344700	45.864	ng	99
91) Dibenzo(a,h)anthracene	26.10	278	1377689	47.474	ng	99
92) Benzo(g,h,i)perylene	26.82	276	1364430	48.975	ng	98

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

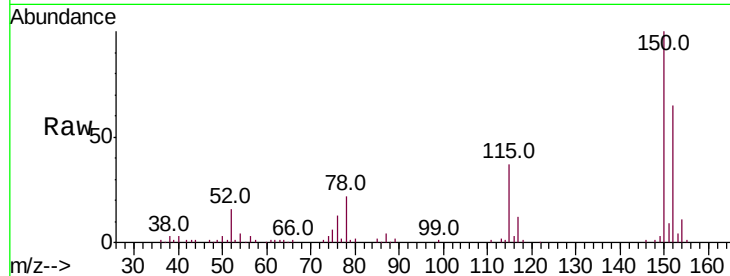


#1

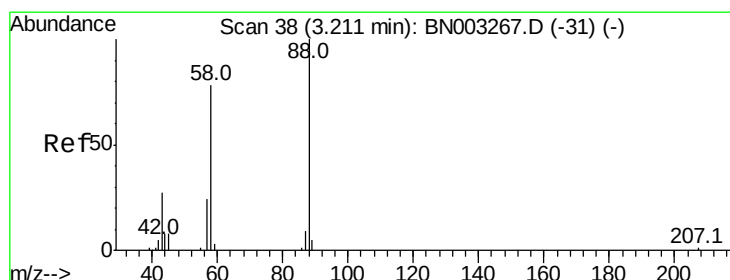
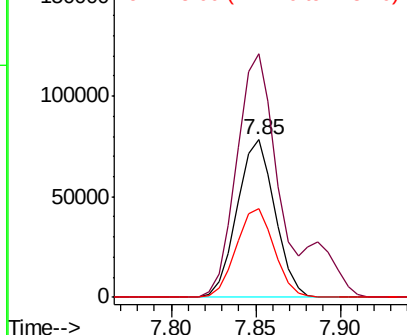
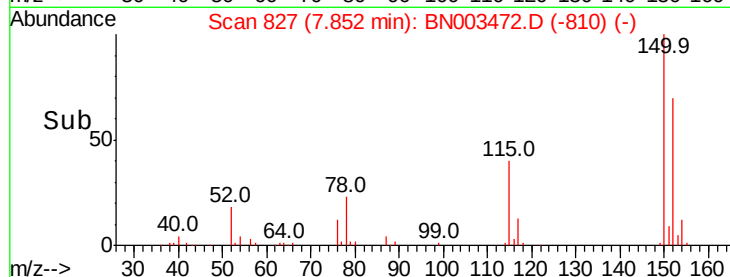
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Instrument :
 BNA_N
 ClientSampleId :
 PB114663BS

Tot Ion:152 Resp: 121516
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.8 185.8
 115 56.8 45.9 68.9



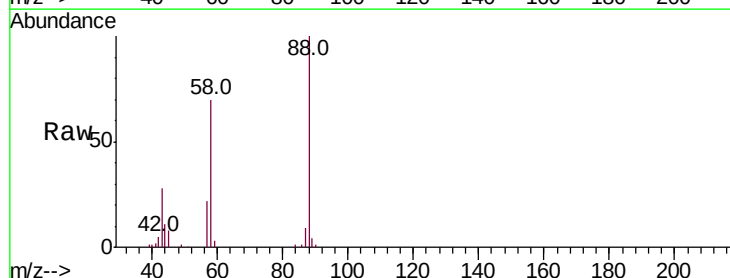
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



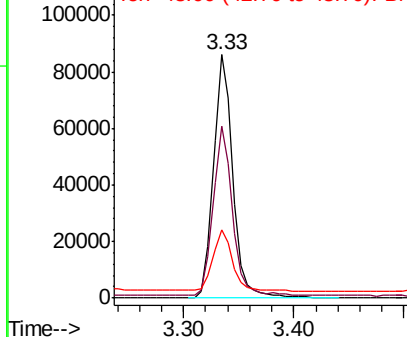
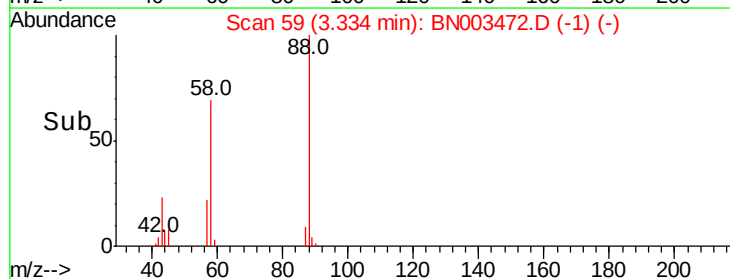
#2

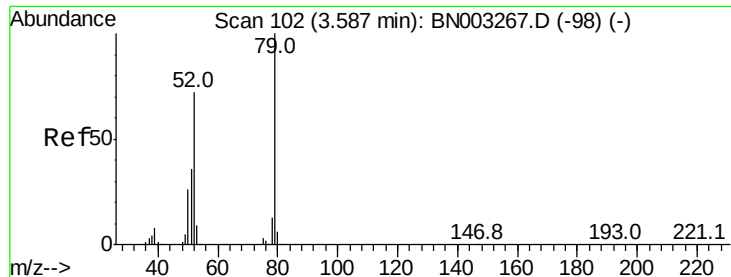
1,4-Dioxane
 Concen: 31.476 ng
 RT: 3.33 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Tgt Ion: 88 Resp: 104267
 Ion Ratio Lower Upper
 88 100
 58 68.4 61.1 91.7
 43 26.2 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: 39.196 ng

RT: 3.73 min Scan# 126

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

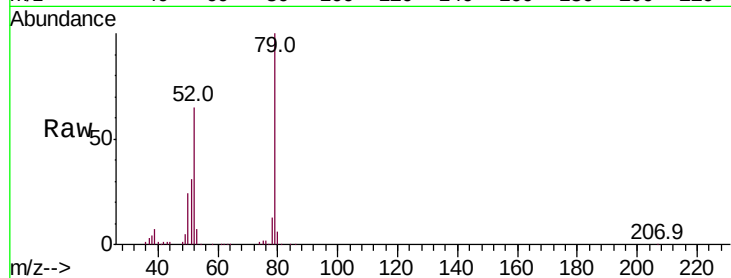
Tot Ion: 79 Resp: 296696

Ion Ratio Lower Upper

79 100

52 65.1 57.7 86.5

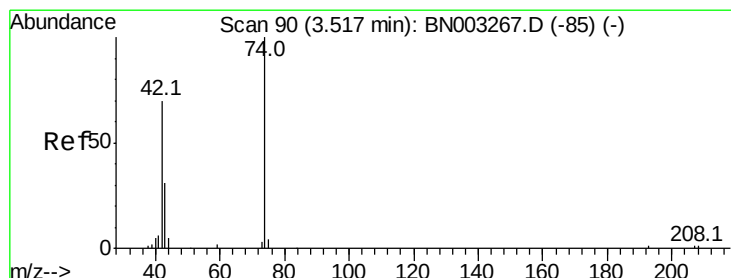
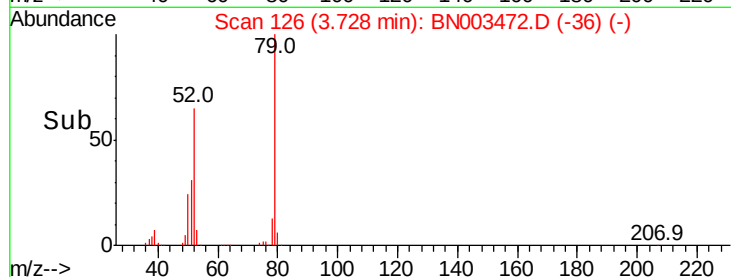
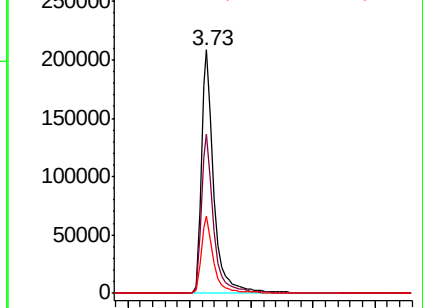
51 31.5 28.7 43.1



Abundance Ion 79.00 (78.70 to 79.70): BNC

Ion 52.00 (51.70 to 52.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#4

n-Nitrosodimethylamine

Concen: 40.797 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

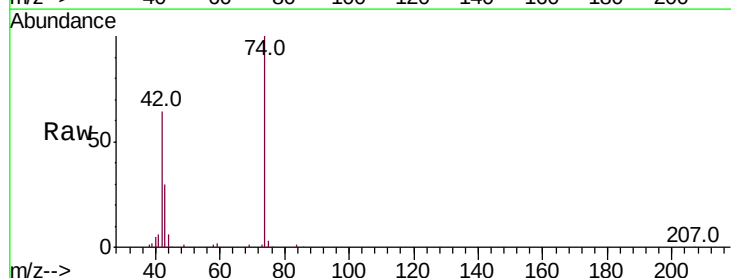
Tgt Ion: 42 Resp: 113700

Ion Ratio Lower Upper

42 100

74 155.7 114.2 171.4

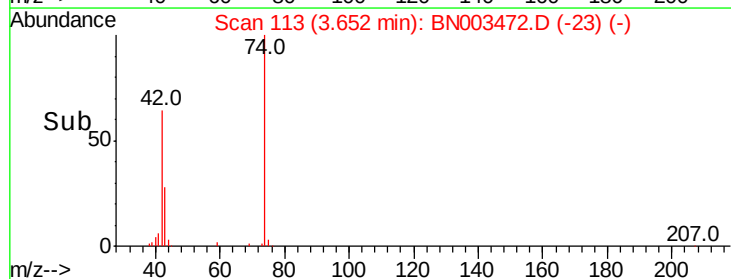
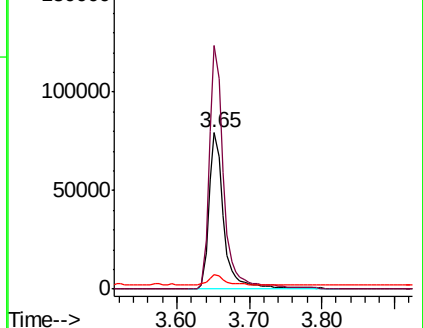
44 9.3 6.1 9.1#

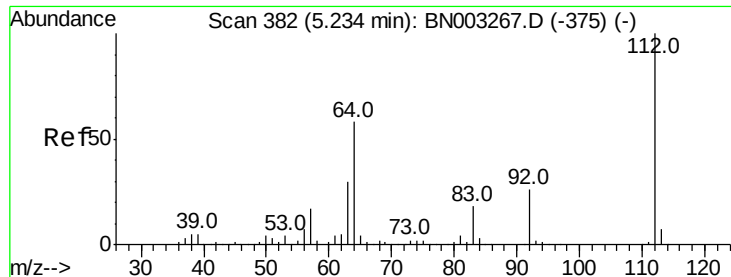


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 168.586 ng

RT: 5.42 min Scan# 414

Delta R.T. 0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

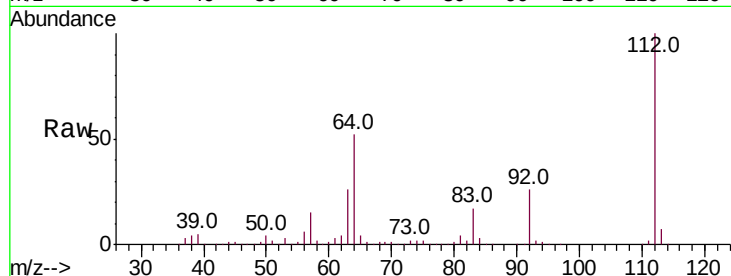
Tot Ion:112 Resp: 1176173

Ion Ratio Lower Upper

112 100

64 52.0 46.6 69.8

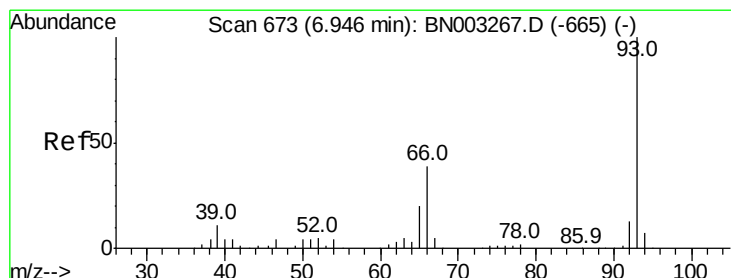
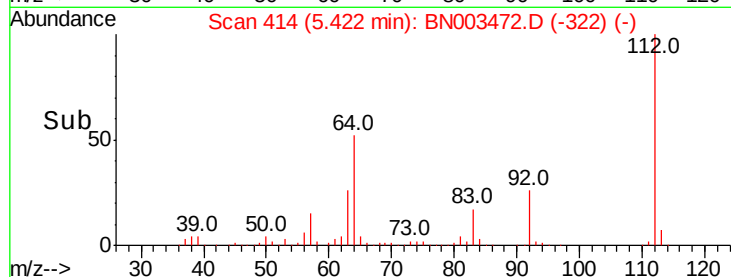
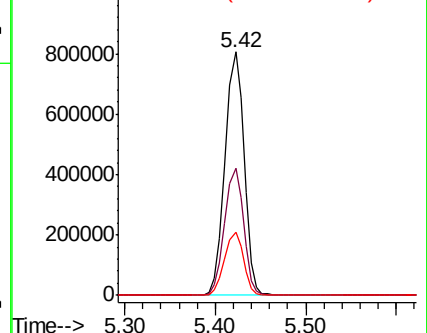
63 25.8 23.8 35.8



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: 37.597 ng

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

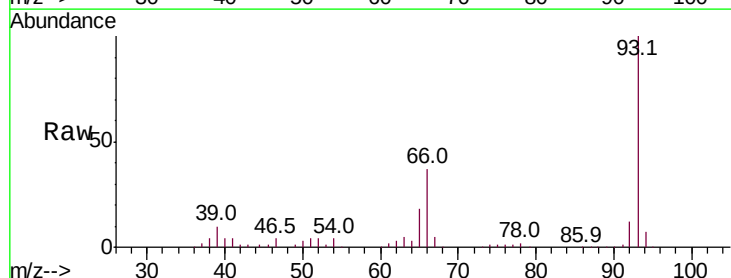
Tgt Ion: 93 Resp: 465754

Ion Ratio Lower Upper

93 100

66 37.2 31.4 47.0

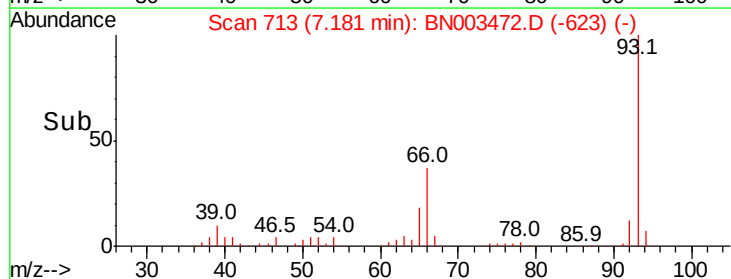
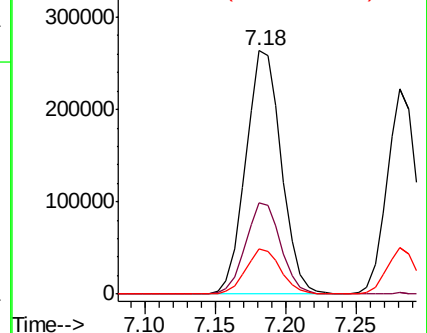
65 18.3 15.7 23.5

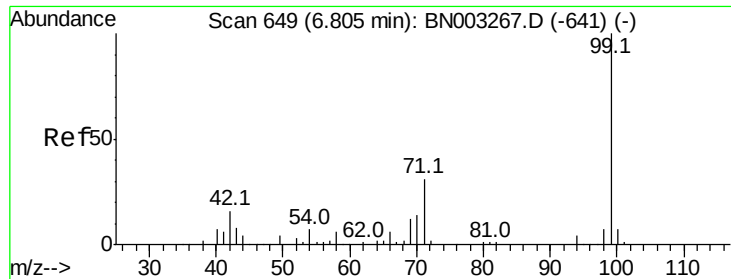


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 156.141 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

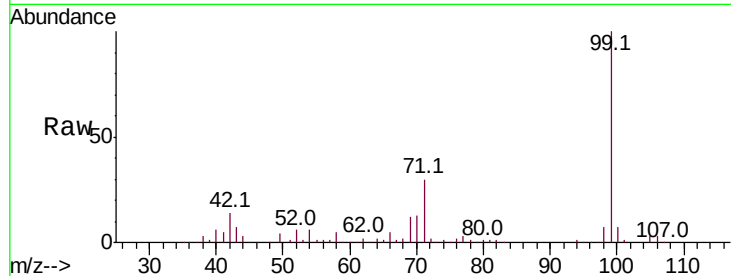
BNA_N

ClientSampleId :

PB114663BS

Tot Ion: 99 Resp: 1548997

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.0	19.6
71	30.4	24.5	36.7

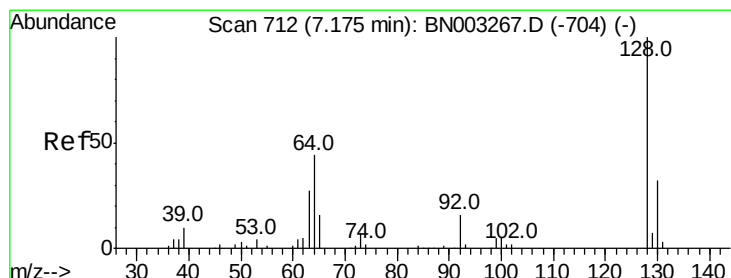
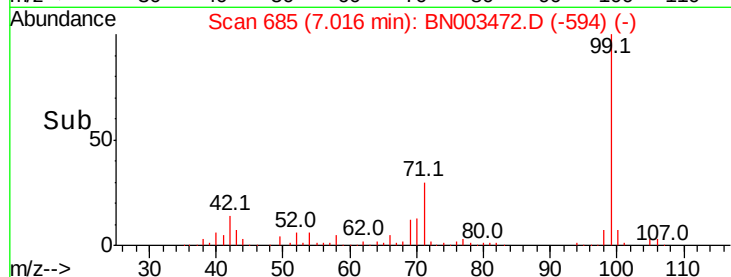
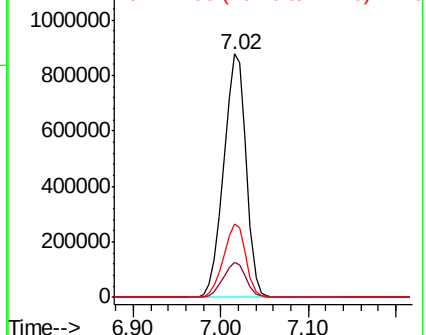


Abundance

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: 45.311 ng

RT: 7.42 min Scan# 753

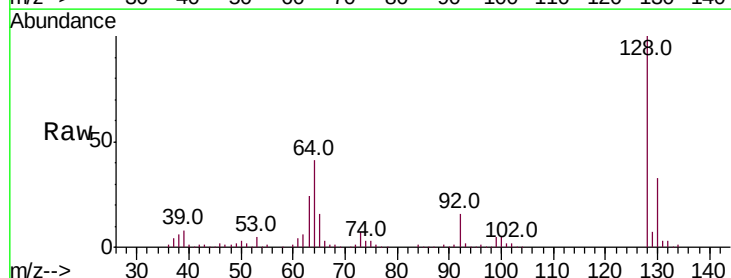
Delta R.T. 0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Tgt Ion: 128 Resp: 389359

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.4	52.4
64	40.8	27.0	67.0

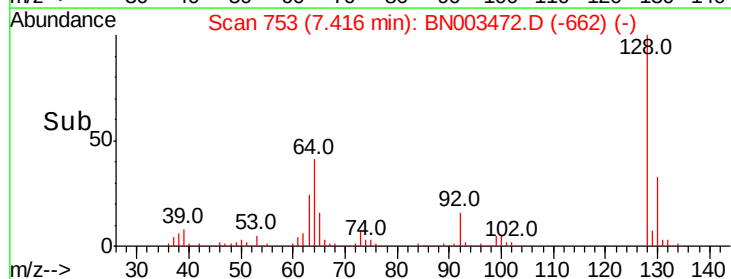
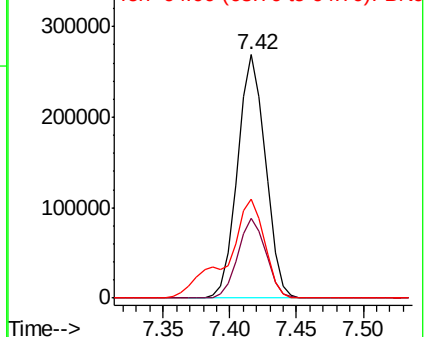


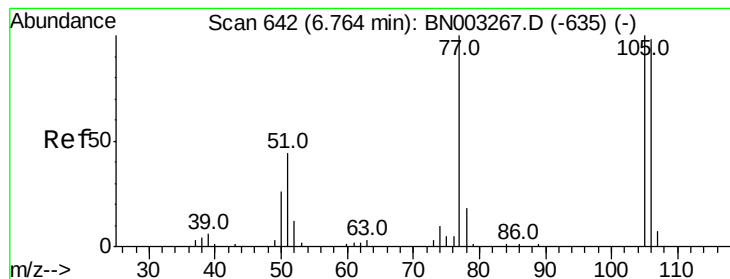
Abundance

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: 37.667 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

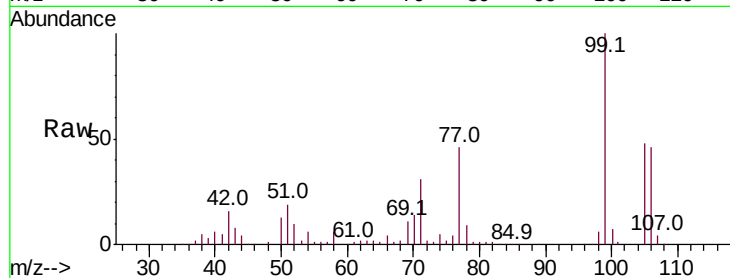
Tot Ion: 77 Resp: 217020

Ion Ratio Lower Upper

77 100

105 104.6 79.9 119.9

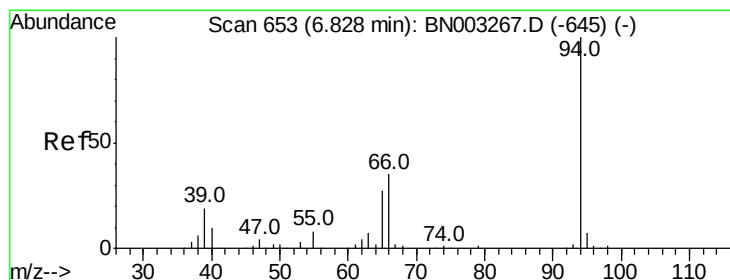
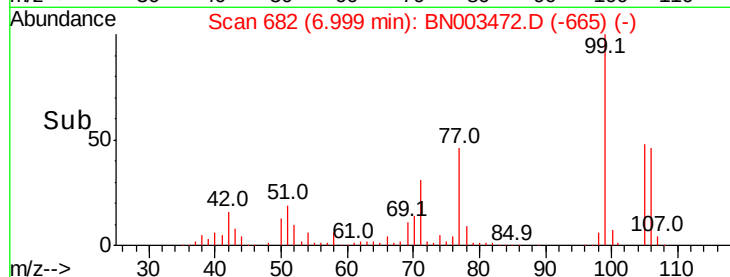
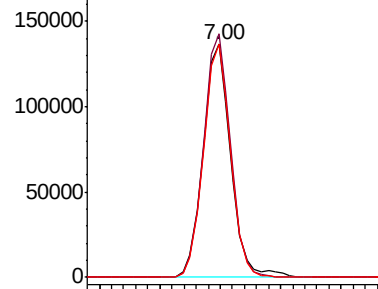
106 100.4 78.4 118.4



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: 43.891 ng

RT: 7.05 min Scan# 690

Delta R.T. 0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

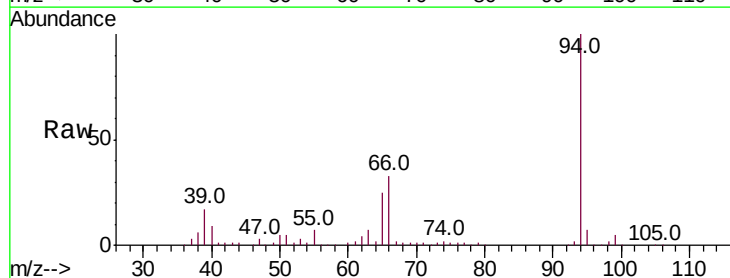
Tgt Ion: 94 Resp: 459488

Ion Ratio Lower Upper

94 100

65 25.0 7.7 47.7

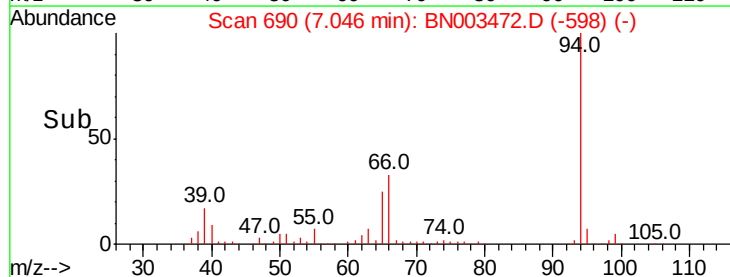
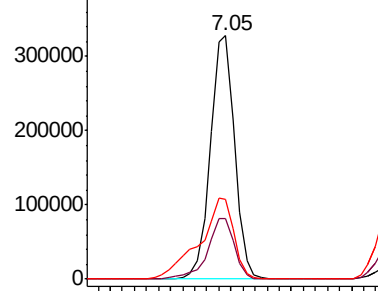
66 32.9 15.8 55.8

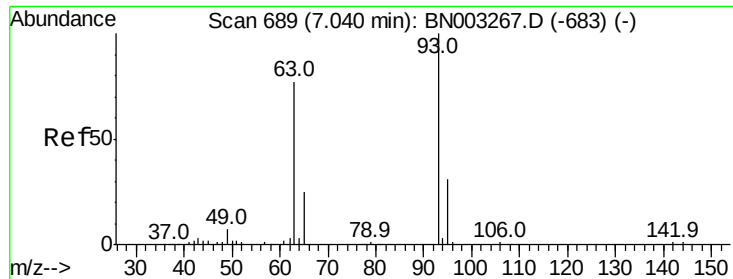


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

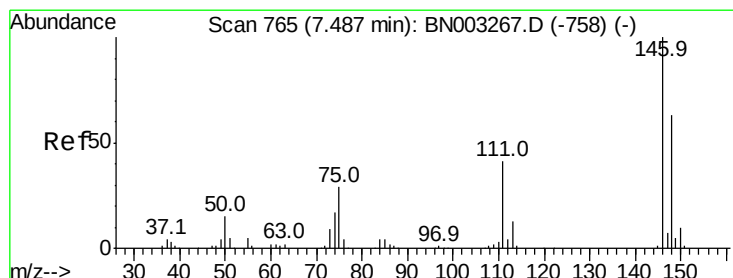
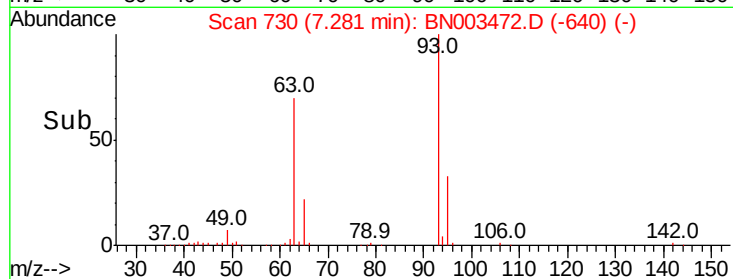
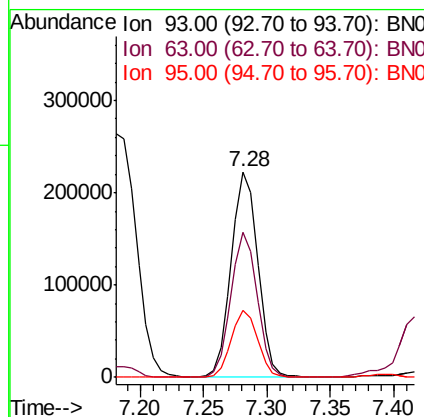
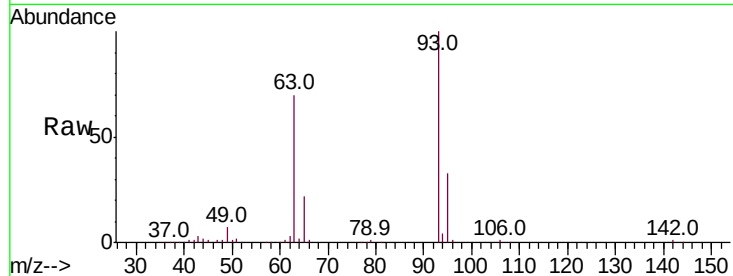




#11
 bis(2-Chloroethyl)ether
 Concen: 38.145 ng
 RT: 7.28 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

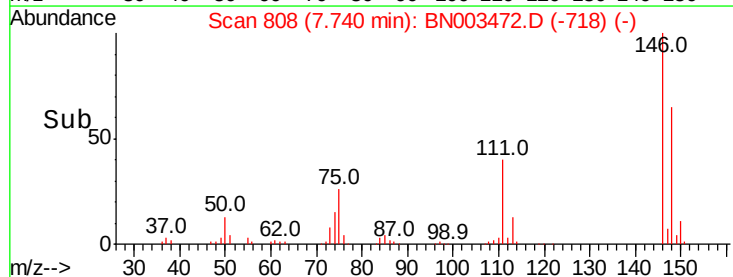
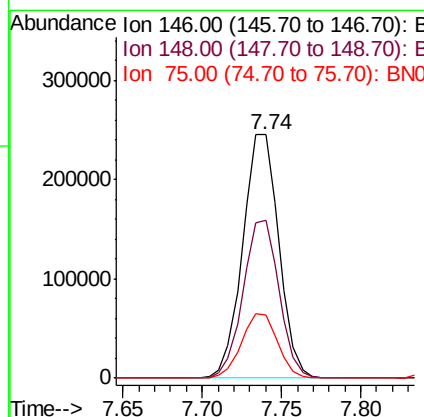
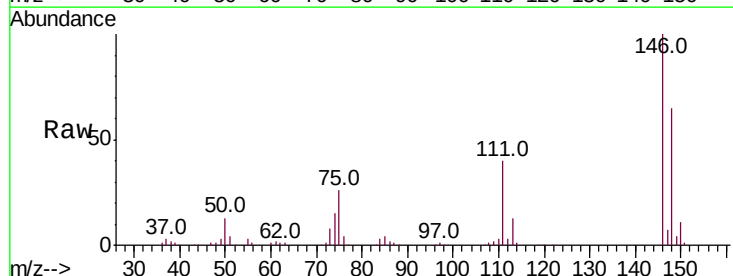
Instrument :
 BNA_N
 ClientSampleId :
 PB114663BS

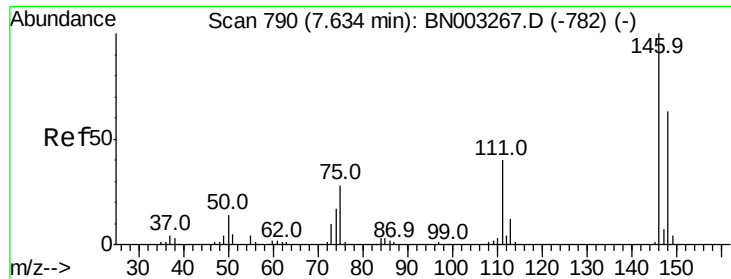
Tot Ion:	93	Resp:	326167
Ion	Ratio	Lower	Upper
93	100		
63	70.4	56.6	96.6
95	32.6	10.9	50.9



#12
 1,3-Dichlorobenzene
 Concen: 40.712 ng
 RT: 7.74 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Tgt Ion:	146	Resp:	388960
Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.1	75.1
75	25.9	22.9	34.3

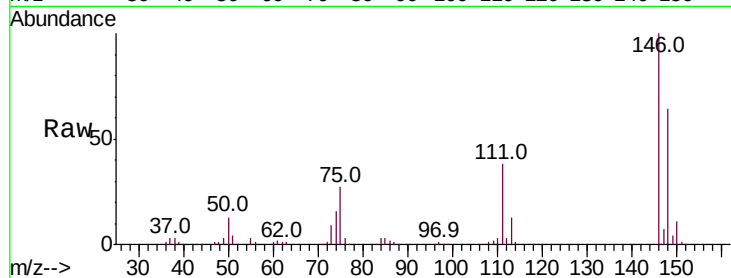




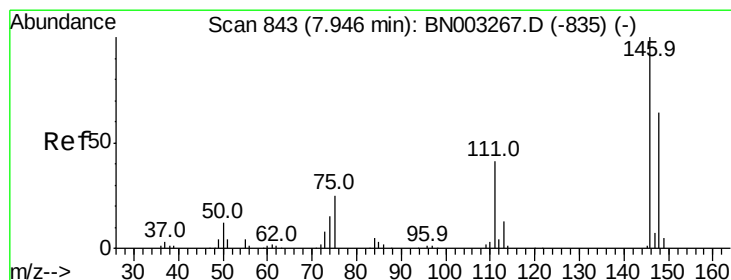
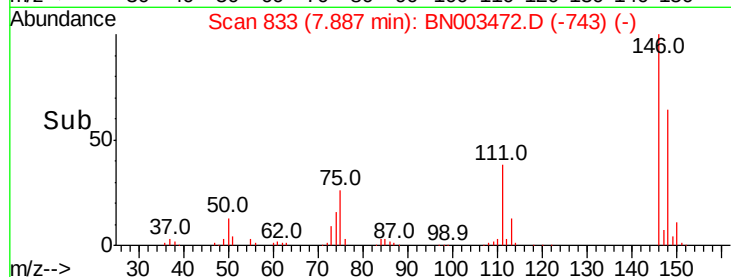
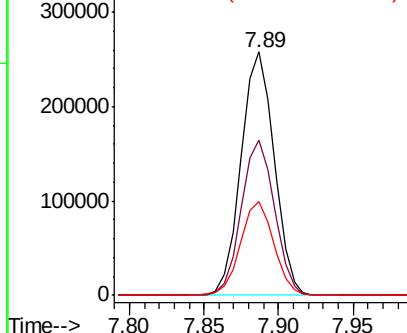
#13
 1,4-Dichlorobenzene
 Concen: 40.272 ng
 RT: 7.89 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Instrument :
 BNA_N
 ClientSampleId :
 PB114663BS

Tot Ion:146 Resp: 396182
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.2 75.2
 111 38.4 32.1 48.1

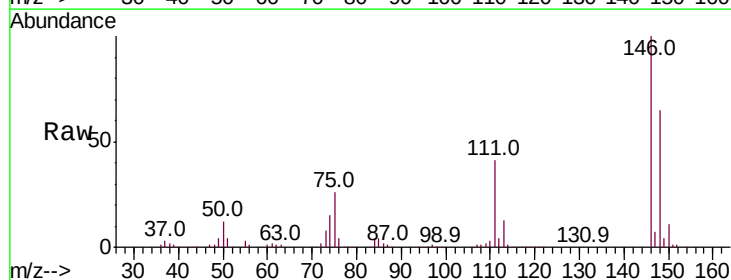


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

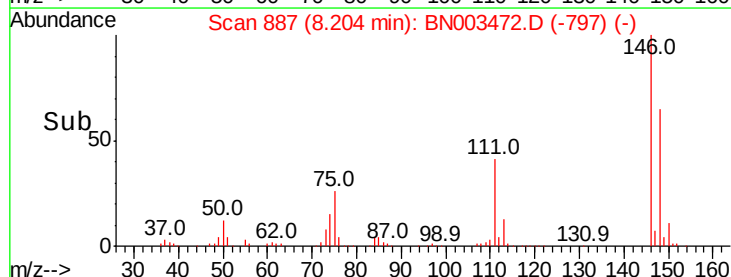
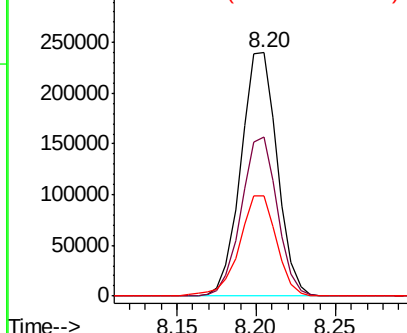


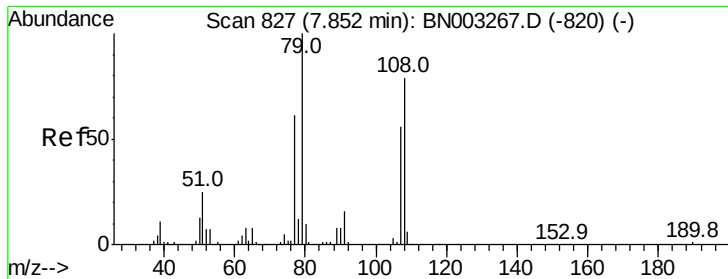
#14
 1,2-Dichlorobenzene
 Concen: 39.980 ng
 RT: 8.20 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Tgt Ion:146 Resp: 381711
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.4 77.2
 111 40.9 33.1 49.7



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





#15

Benzyl Alcohol

Concen: 42.243 ng

RT: 8.09 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

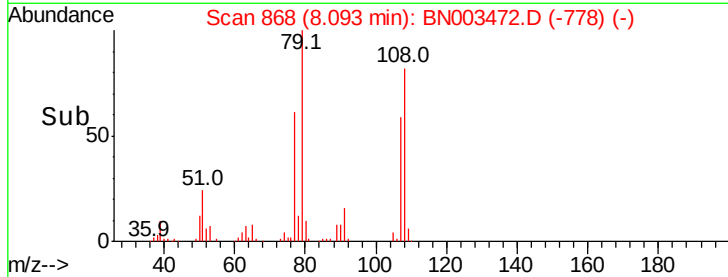
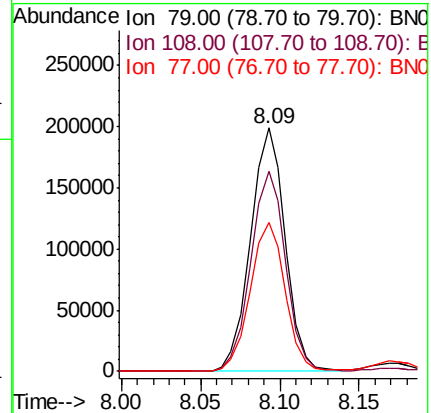
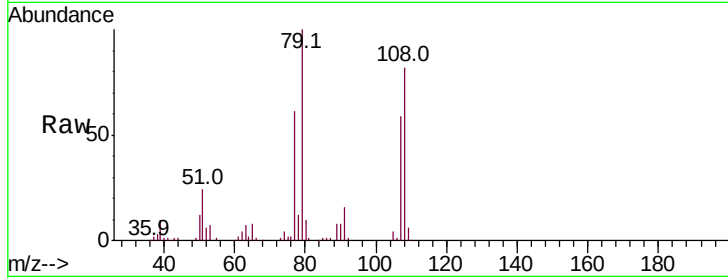
Tot Ion: 79 Resp: 301987

Ion Ratio Lower Upper

79 100

108 82.1 63.3 94.9

77 61.3 49.0 73.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.208 ng

RT: 8.38 min Scan# 916

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

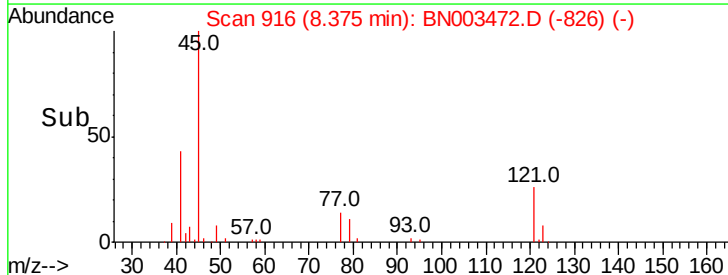
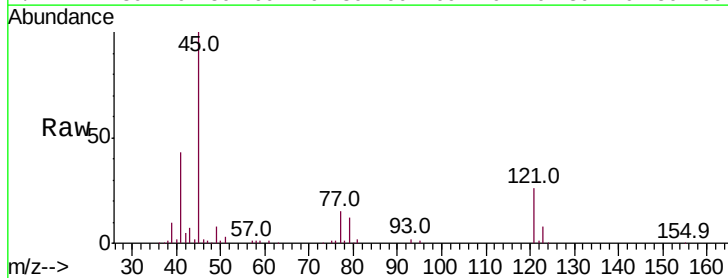
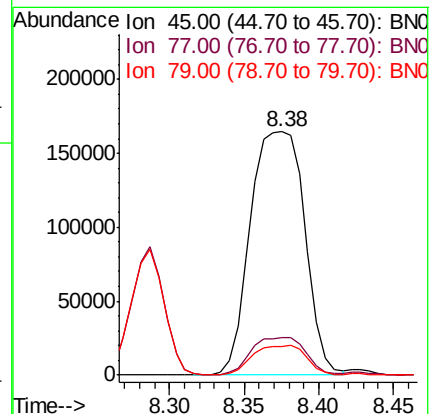
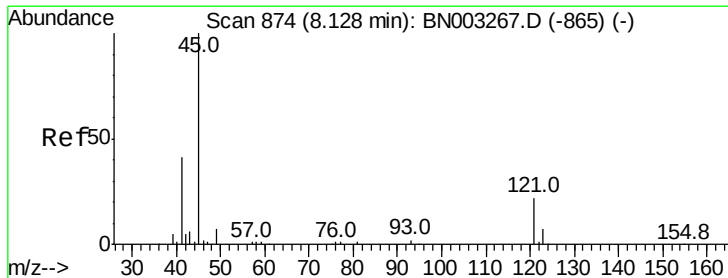
Tgt Ion: 45 Resp: 416323

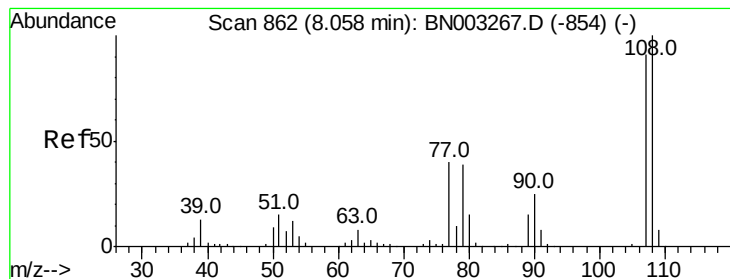
Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.0

79 12.0 0.0 30.9





#17

2-Methylphenol

Concen: 44.998 ng

RT: 8.29 min Scan# 901

Delta R.T. 0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

Tot Ion:107 Resp: 321948

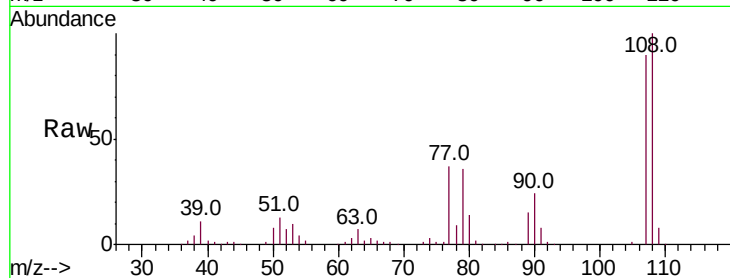
Ion Ratio Lower Upper

107 100

108 110.8 87.6 131.4

77 41.2 35.3 52.9

79 40.3 34.2 51.4

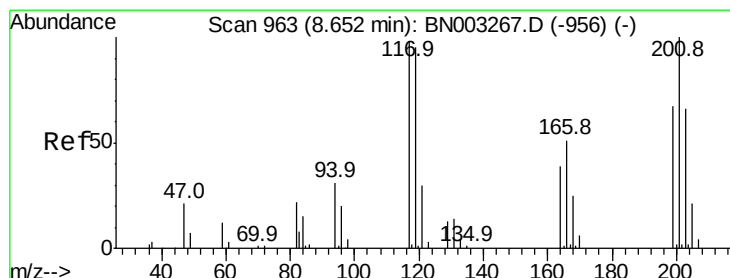
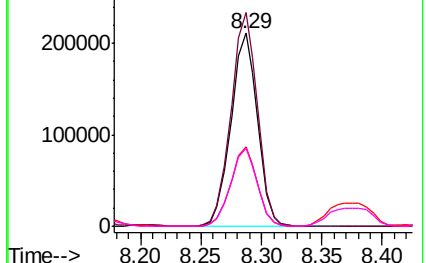
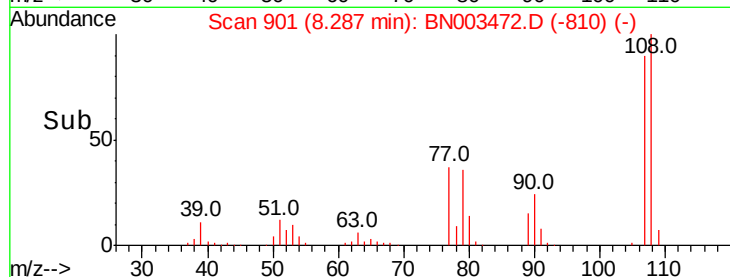


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.036 ng

RT: 8.92 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

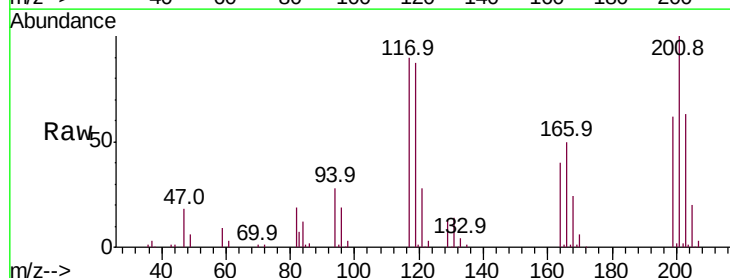
Tgt Ion:117 Resp: 134532

Ion Ratio Lower Upper

117 100

119 96.1 77.8 116.6

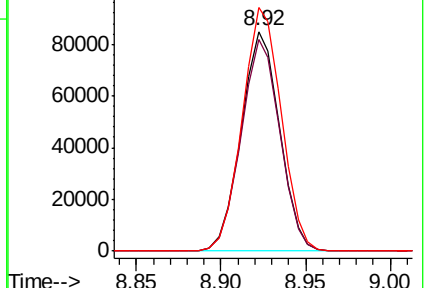
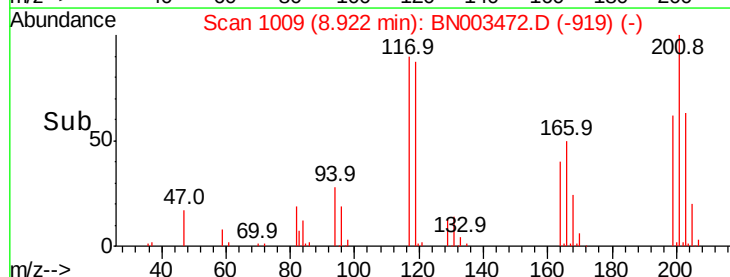
201 110.7 81.4 122.2

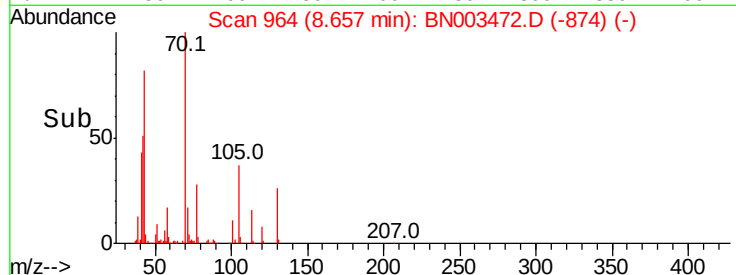
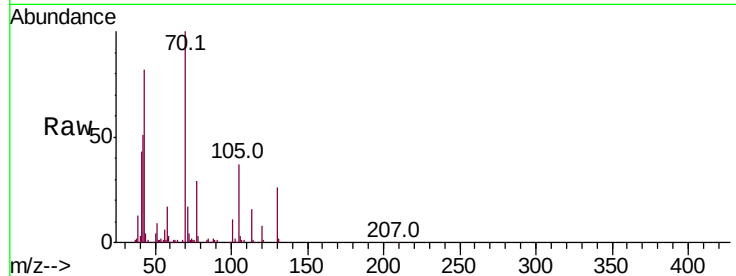
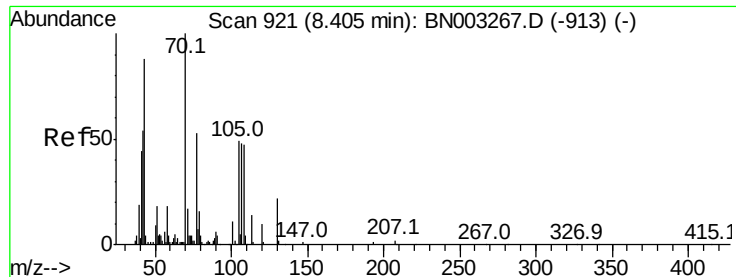


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

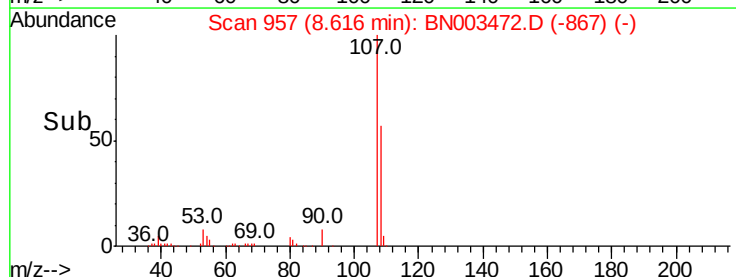
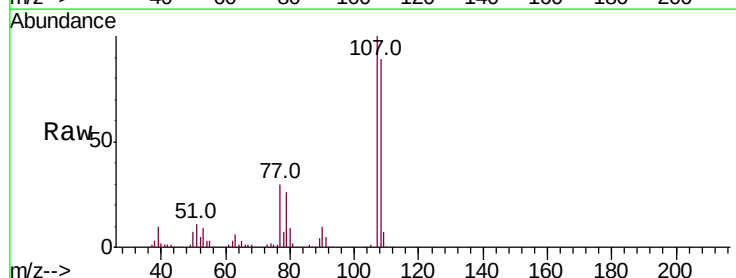
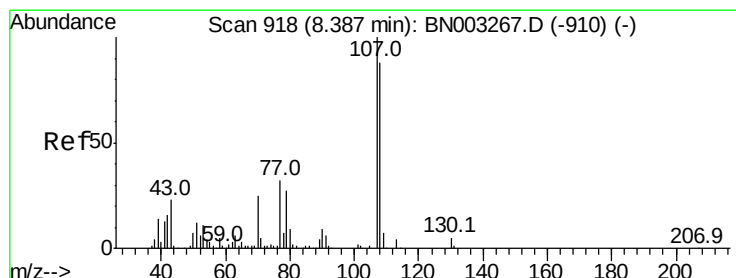
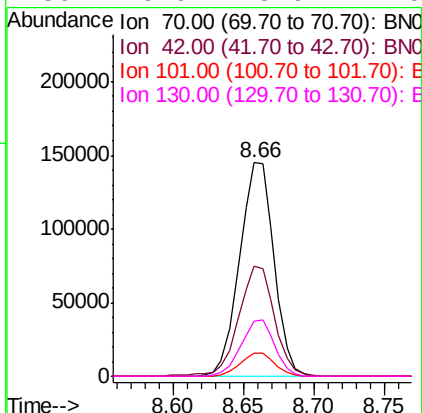




#19
n-Nitroso-di-n-propylamine
Concen: 34.555 ng
RT: 8.66 min Scan# 964
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

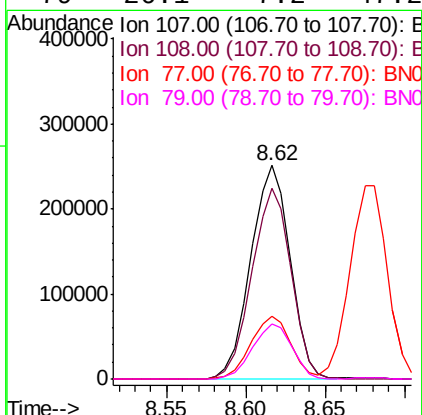
Instrument :
BNA_N
ClientSampleId :
PB114663BS

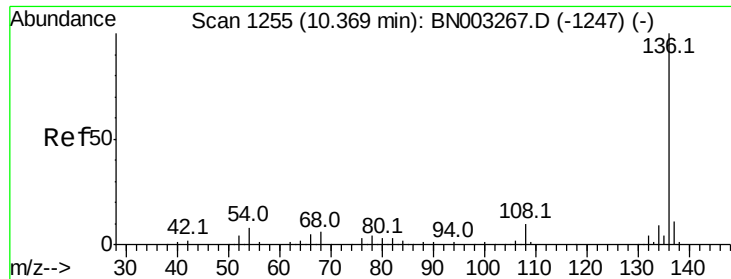
Tot Ion:	70	Resp:	247197
Ion	Ratio	Lower	Upper
70	100		
42	51.3	43.5	65.3
101	11.1	8.6	12.8
130	25.9	18.0	27.0



#20
3+4-Methylphenols
Concen: 42.683 ng
RT: 8.62 min Scan# 957
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Tgt Ion:	107	Resp:	433802
Ion	Ratio	Lower	Upper
107	100		
108	89.4	67.8	107.8
77	29.7	12.1	52.1
79	26.1	7.2	47.2

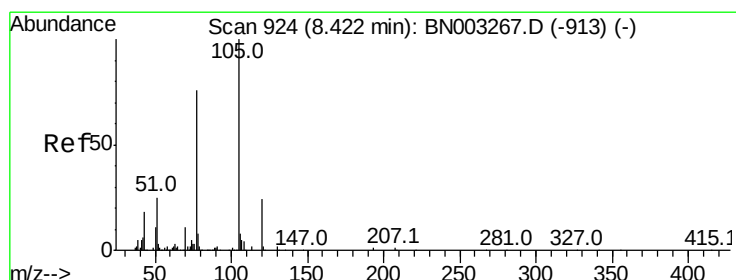
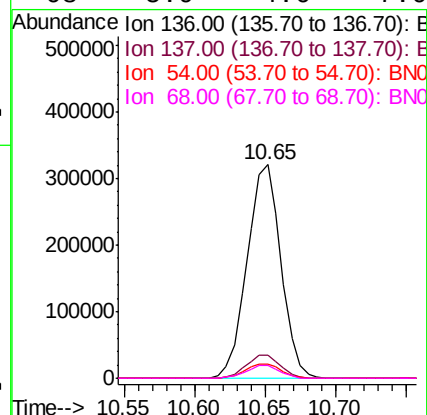
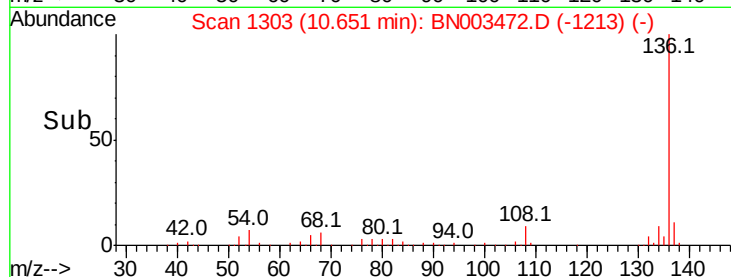
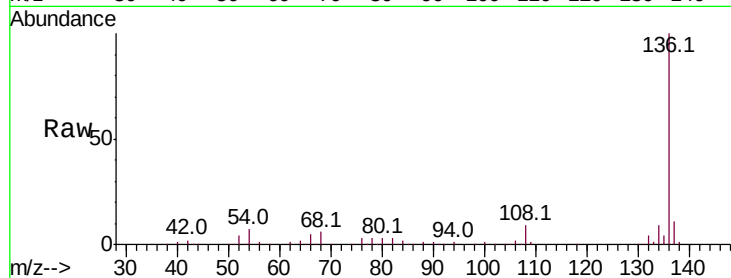




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

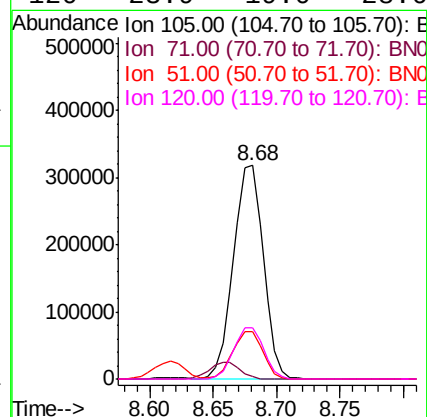
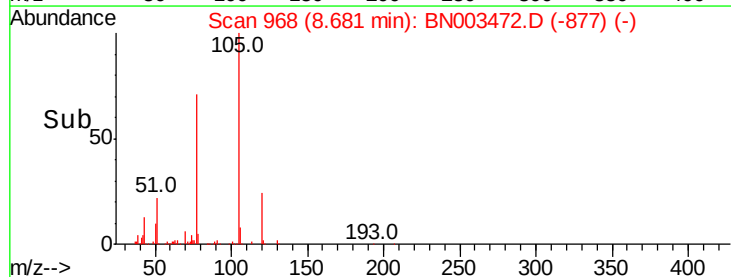
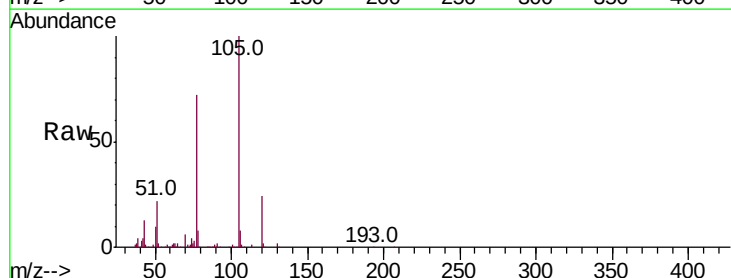
Instrument :
BNA_N
ClientSampleId :
PB114663BS

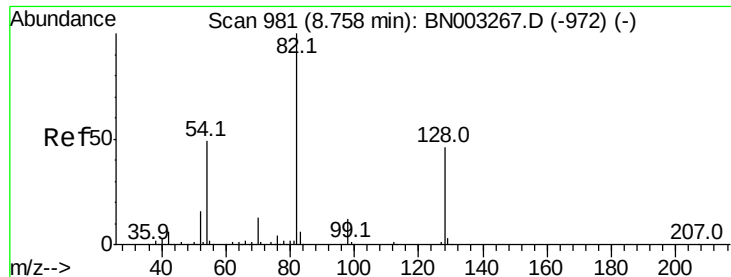
Tot Ion:136	Resp:	537809
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.7 13.1
54	6.9	6.6 10.0
68	5.9	4.6 7.0



#22
Acetophenone
Concen: 39.961 ng
RT: 8.68 min Scan# 968
Delta R.T. 0.01 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Tgt Ion:105	Resp:	520941
Ion	Ratio	Lower Upper
105	100	
71	1.0	1.3 1.9#
51	22.1	20.5 30.7
120	23.9	19.0 28.6

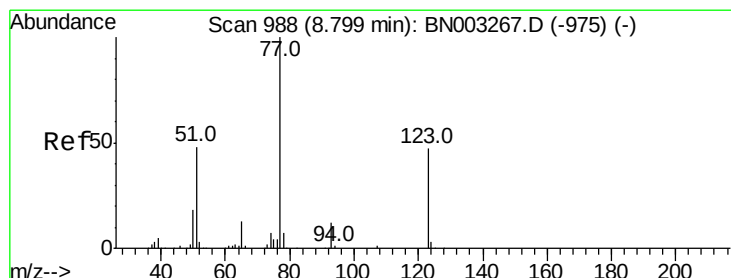
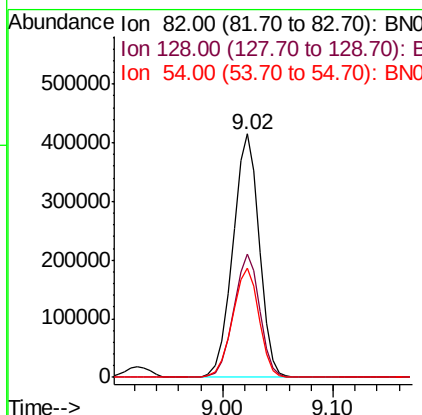
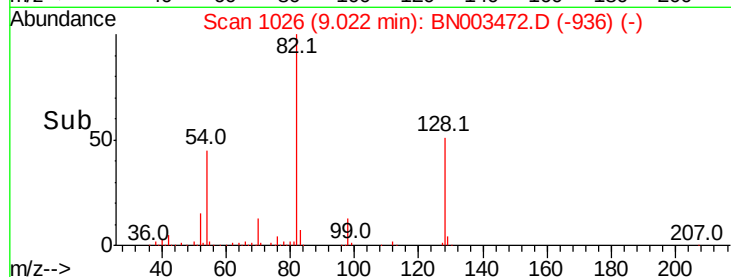
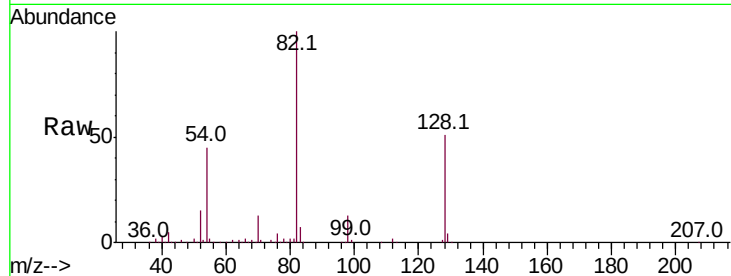




#23
Nitrobenzene-d5
Concen: 73.984 ng
RT: 9.02 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

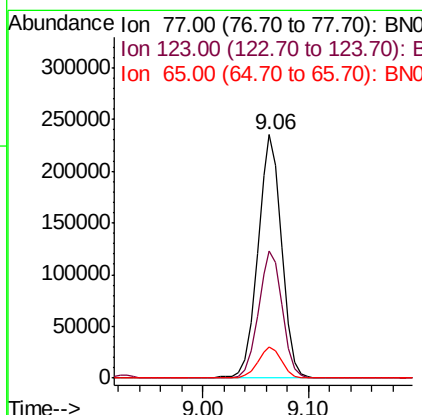
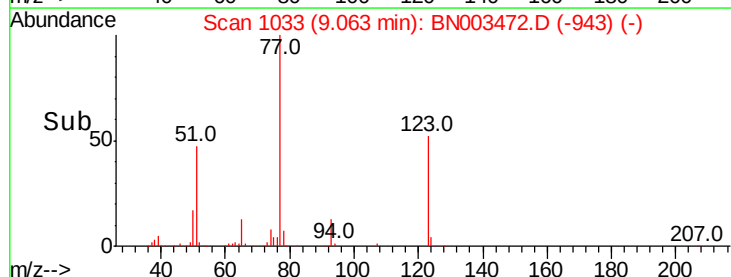
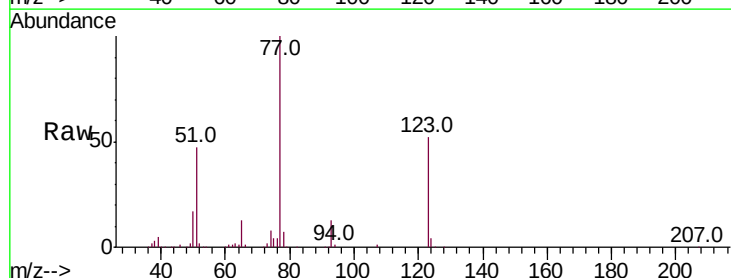
Instrument :
BNA_N
ClientSampled :
PB114663BS

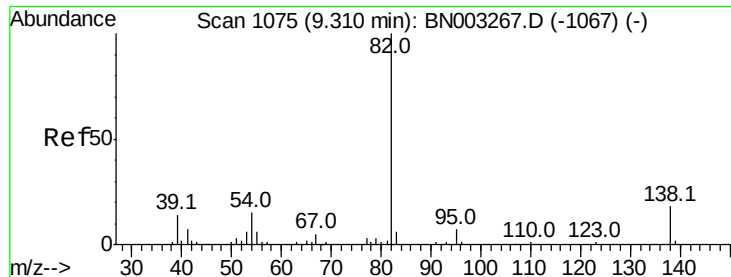
Tot Ion: 82 Resp: 693809
Ion Ratio Lower Upper
82 100
128 50.6 37.1 55.7
54 45.1 39.4 59.2



#24
Nitrobenzene
Concen: 38.364 ng
RT: 9.06 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Tgt Ion: 77 Resp: 367123
Ion Ratio Lower Upper
77 100
123 52.4 37.8 56.6
65 12.9 10.7 16.1

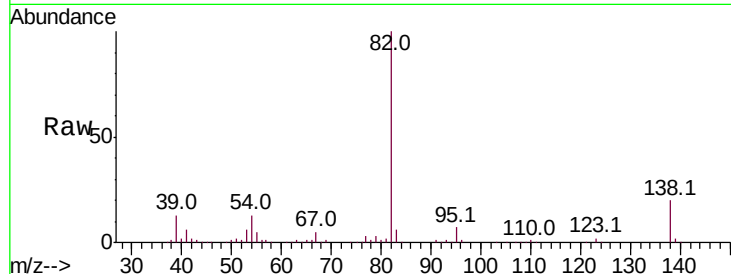




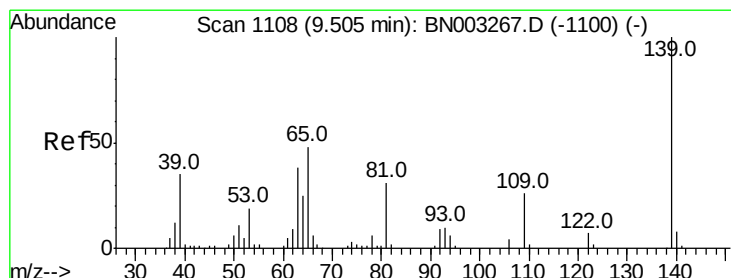
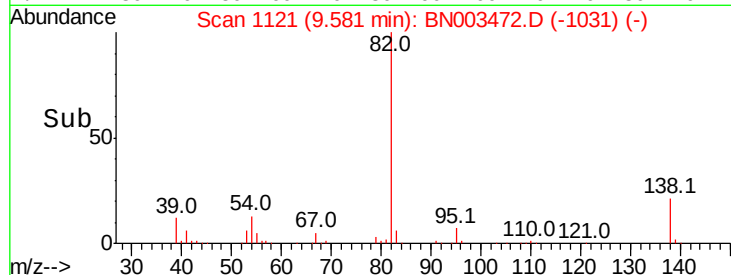
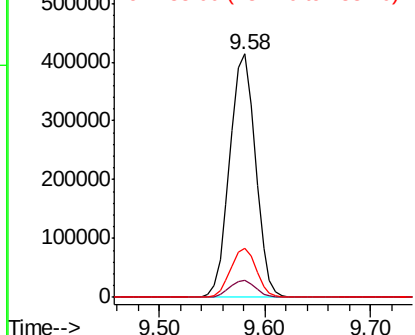
#25
Isophorone
Concen: 42.444 ng
RT: 9.58 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Instrument :
BNA_N
ClientSampleId :
PB114663BS

Tot Ion: 82 Resp: 698195
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 20.3 14.5 21.7

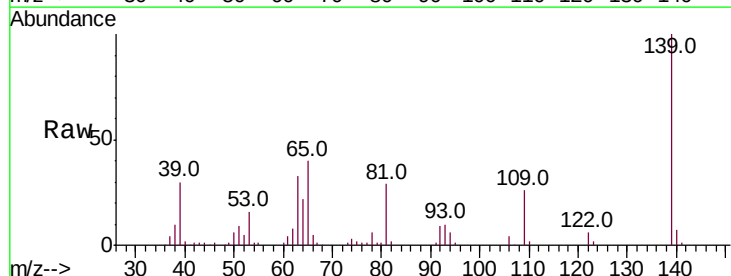


Abundance Ion 82.00 (81.70 to 82.70): BNO
Ion 95.00 (94.70 to 95.70): BNO
Ion 138.00 (137.70 to 138.70): BNO

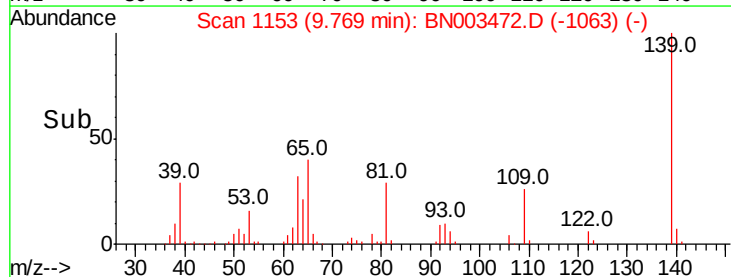
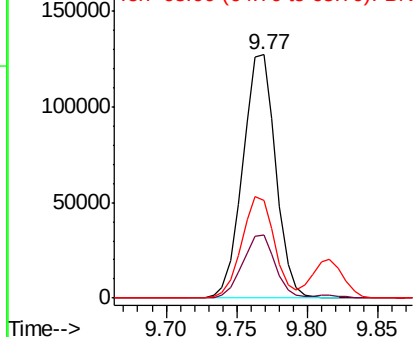


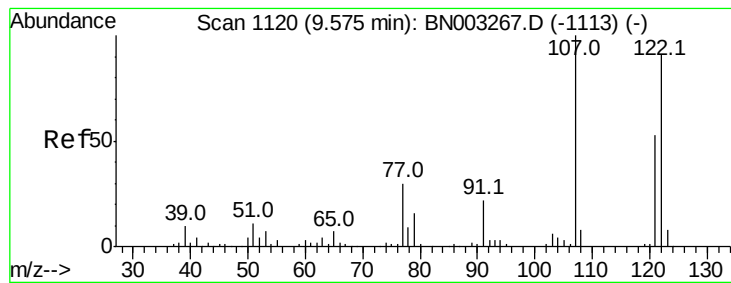
#26
2-Nitrophenol
Concen: 41.302 ng
RT: 9.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Tgt Ion: 139 Resp: 208026
Ion Ratio Lower Upper
139 100
109 25.7 20.5 30.7
65 40.3 38.4 57.6



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





#27

2,4-Dimethylphenol

Concen: 51.937 ng

RT: 9.82 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

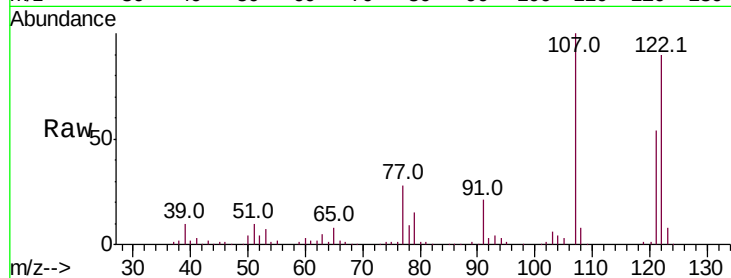
Tot Ion:122 Resp: 367809

Ion Ratio Lower Upper

122 100

107 111.0 87.8 131.6

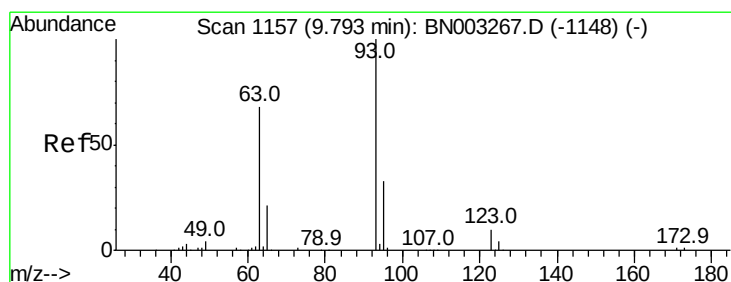
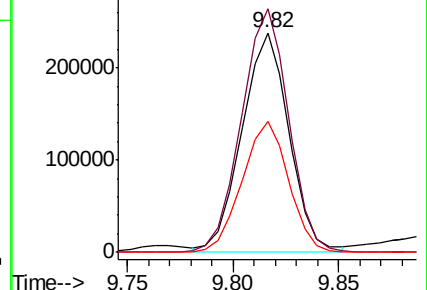
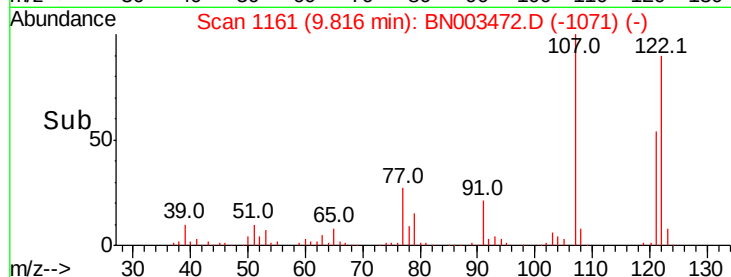
121 59.5 46.9 70.3



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: 41.214 ng

RT: 10.06 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

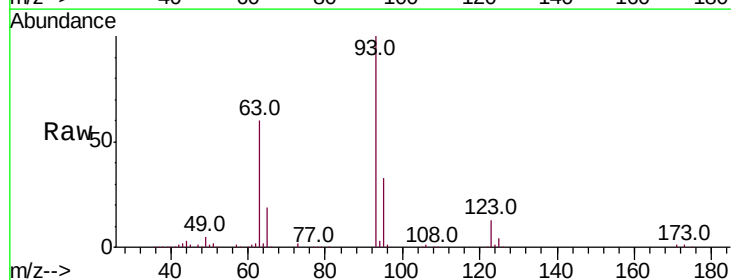
Tgt Ion: 93 Resp: 456737

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

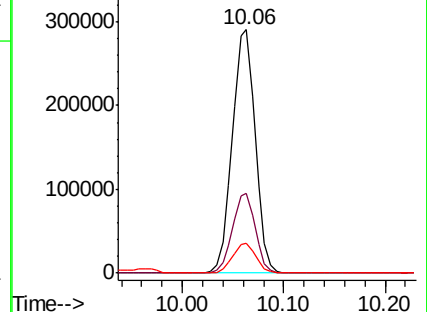
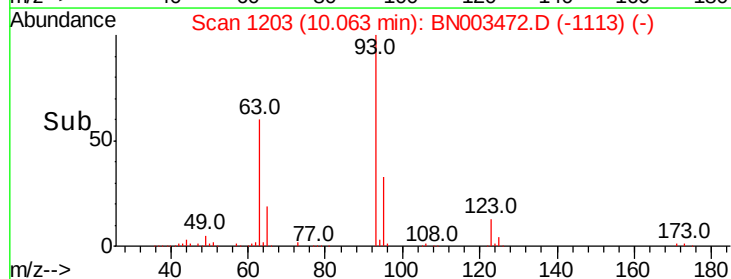
123 12.5 9.1 13.7

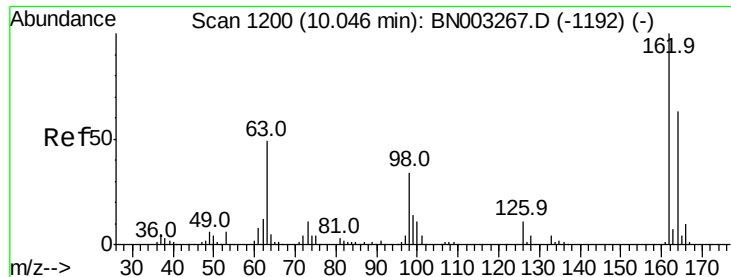


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

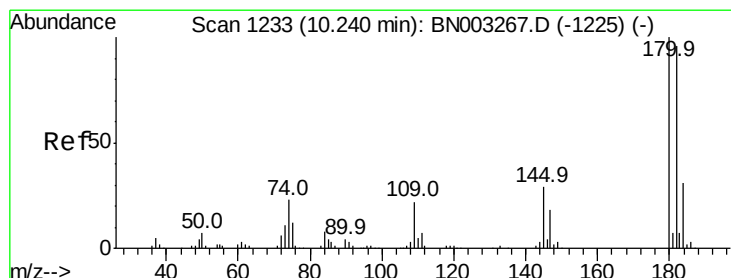
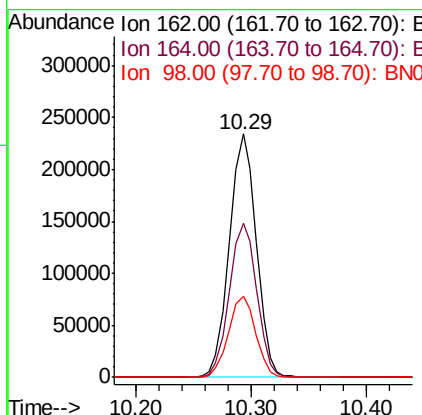
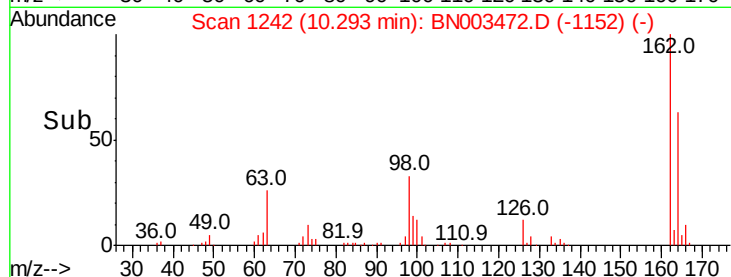
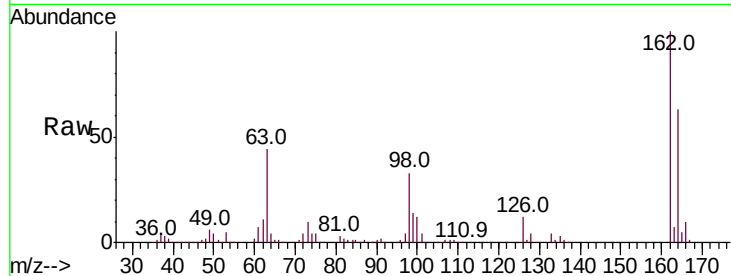




#29
 2,4-Dichlorophenol
 Concen: 46.945 ng
 RT: 10.29 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

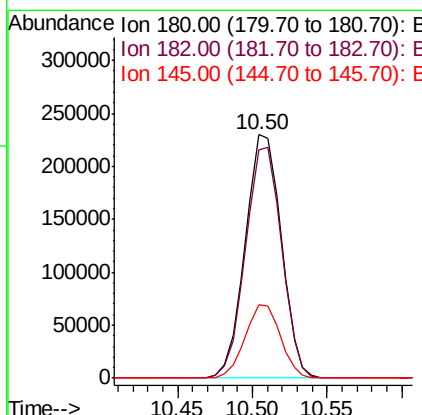
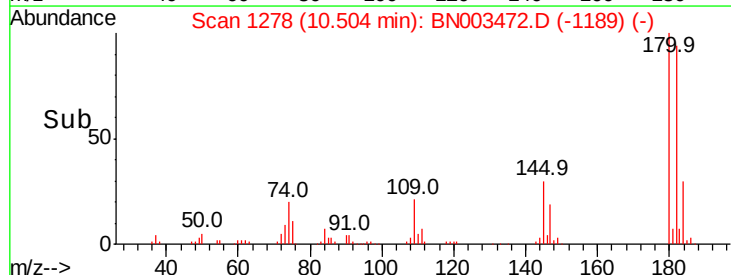
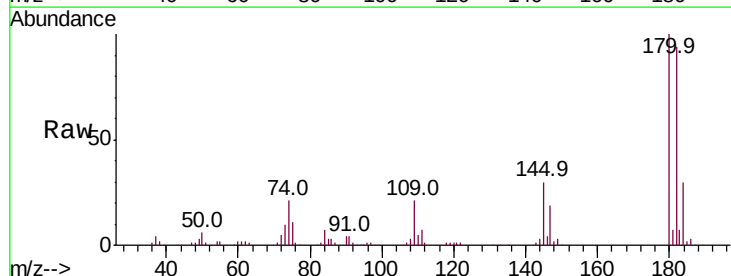
Instrument :
 BNA_N
 ClientSampleId :
 PB114663BS

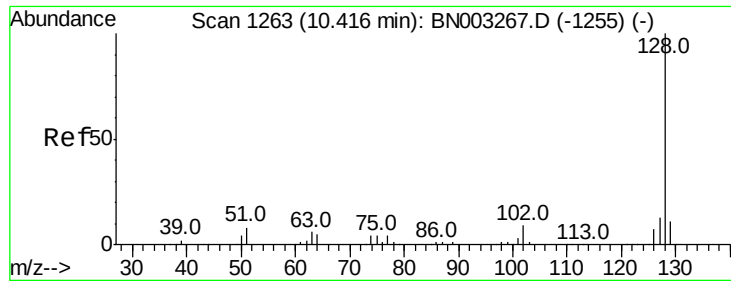
Tot Ion:	162	Resp:	379388
Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.5	82.5
98	33.2	14.0	54.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.816 ng
 RT: 10.50 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Tgt Ion:	180	Resp:	384182
Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.4	114.6
145	29.9	23.6	35.4

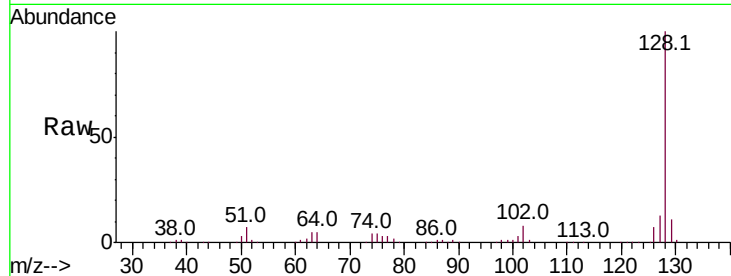




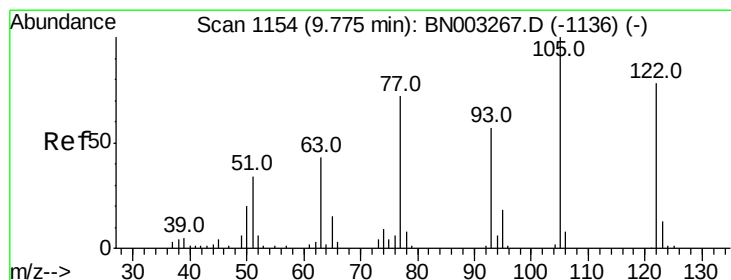
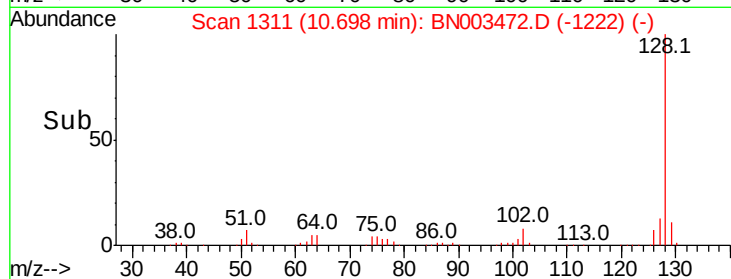
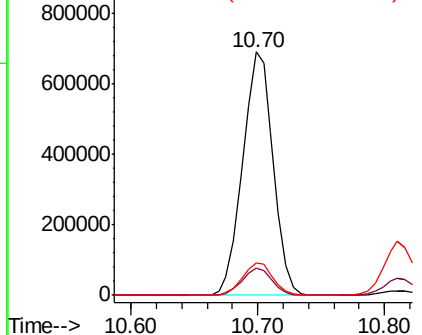
#31
Naphthalene
Concen: 43.686 ng
RT: 10.70 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Instrument :
BNA_N
ClientSampleId :
PB114663BS

Tot Ion:128 Resp: 1148119
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.2 10.4 15.6

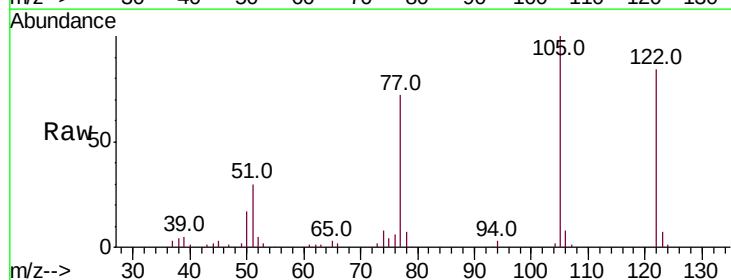


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

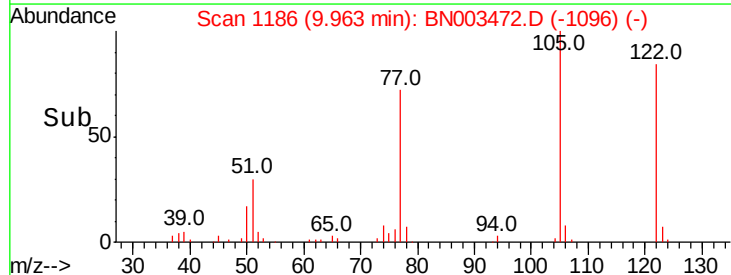
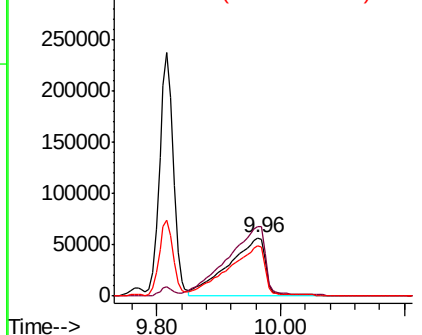


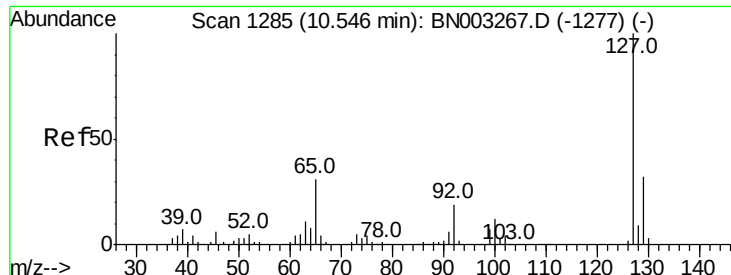
#32
Benzoic acid
Concen: 40.319 ng
RT: 9.96 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Tgt Ion:122 Resp: 238851
Ion Ratio Lower Upper
122 100
105 118.9 106.8 146.8
77 85.7 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

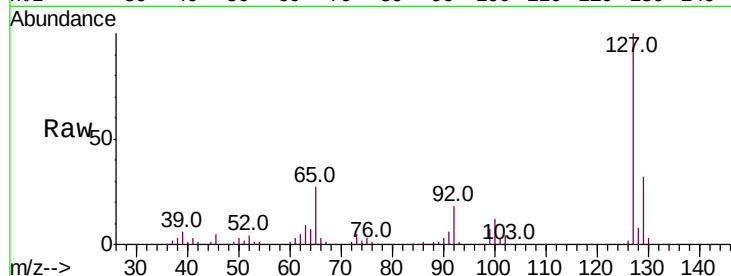




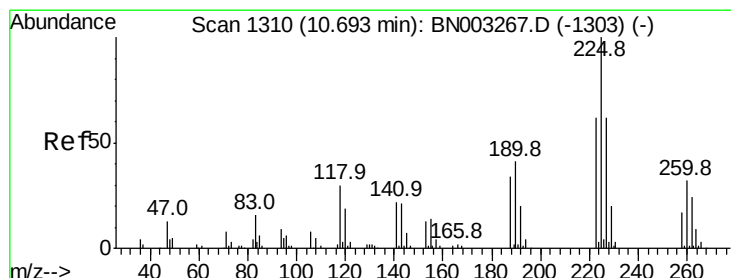
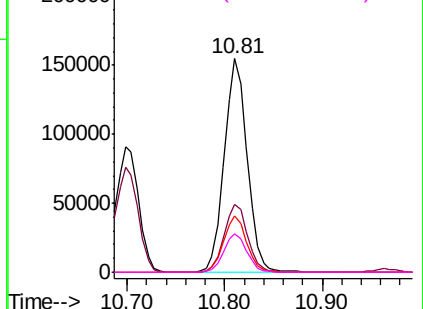
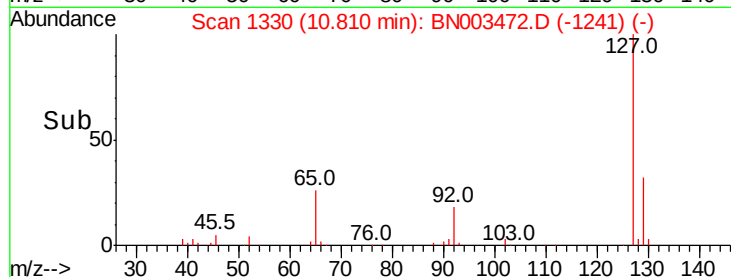
#33
4-Chloroaniline
Concen: 21.755 ng
RT: 10.81 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Instrument :
BNA_N
ClientSampleId :
PB114663BS

Tot Ion:	127	Resp:	252639
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	26.5	24.6	36.8
92	17.9	15.3	22.9

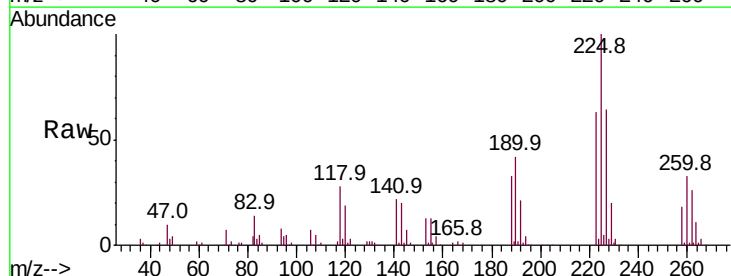


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

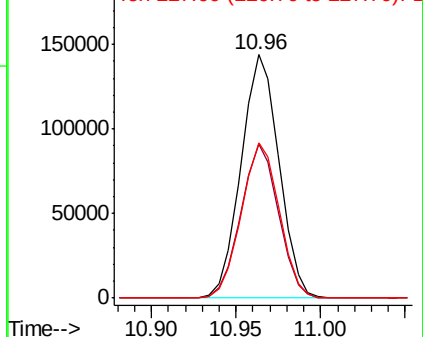
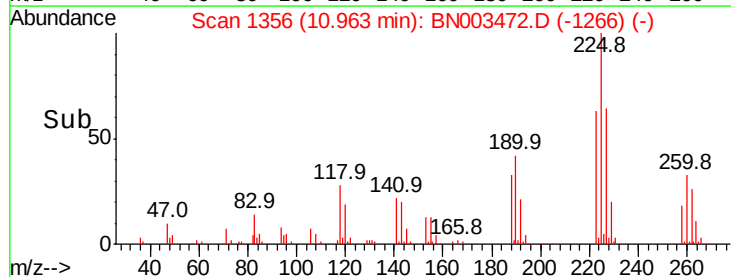


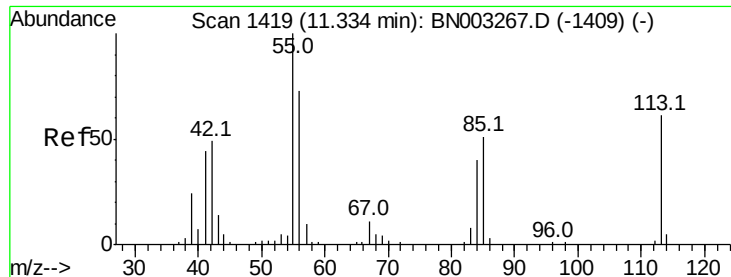
#34
Hexachlorobutadiene
Concen: 41.047 ng
RT: 10.96 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Tgt Ion:	225	Resp:	225042
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	64.0	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: 14.550 ng

RT: 11.61 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

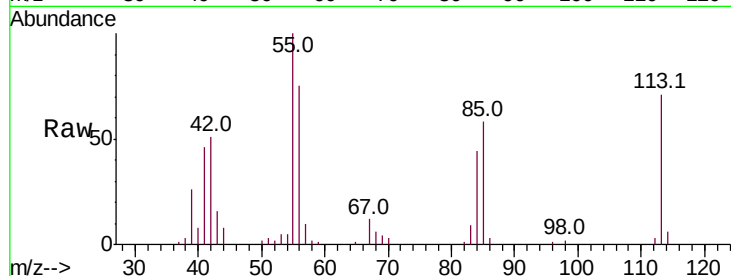
Tot Ion:113 Resp: 46041

Ion Ratio Lower Upper

113 100

55 140.6 144.2 184.2#

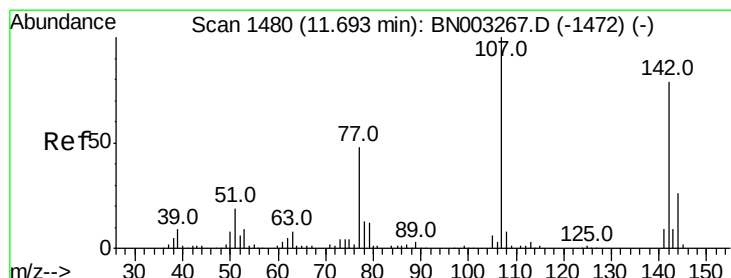
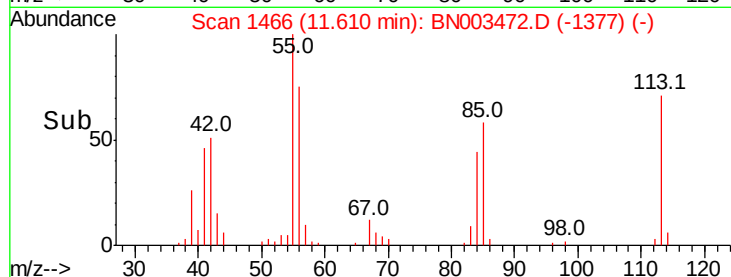
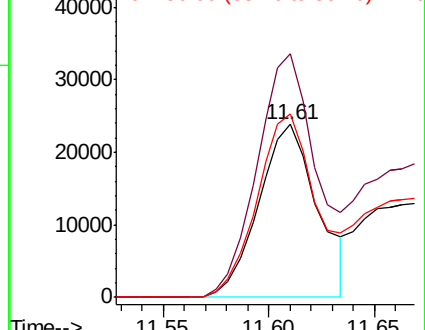
56 106.1 100.6 140.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#36

4-Chloro-3-methylphenol

Concen: 42.004 ng

RT: 11.93 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

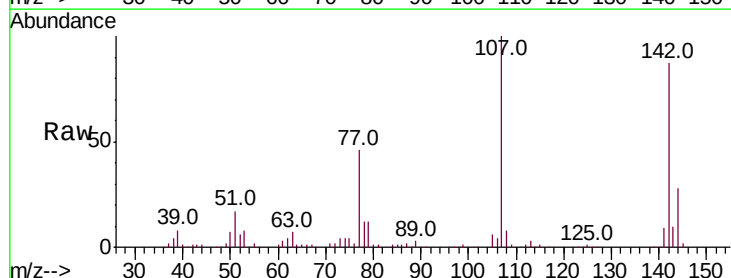
Tgt Ion:107 Resp: 378604

Ion Ratio Lower Upper

107 100

144 27.8 20.8 31.2

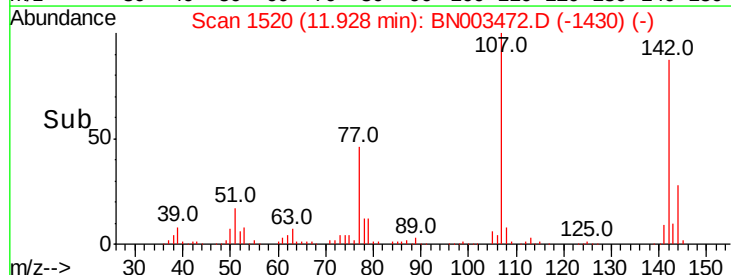
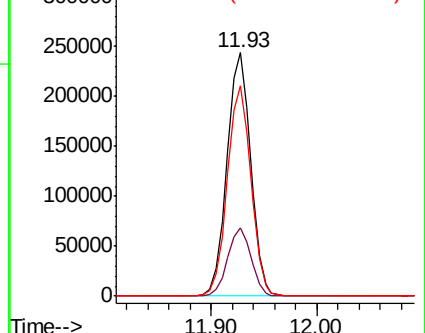
142 86.5 63.5 95.3

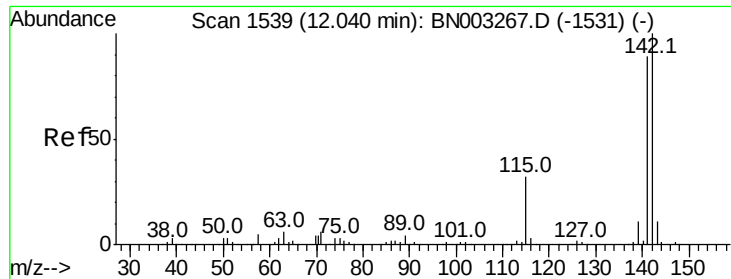


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

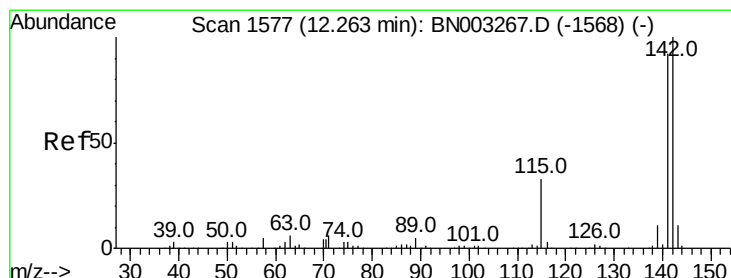
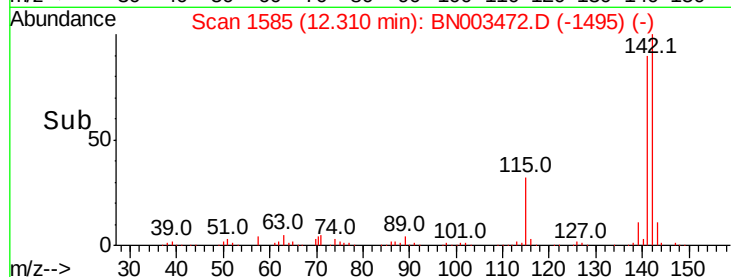
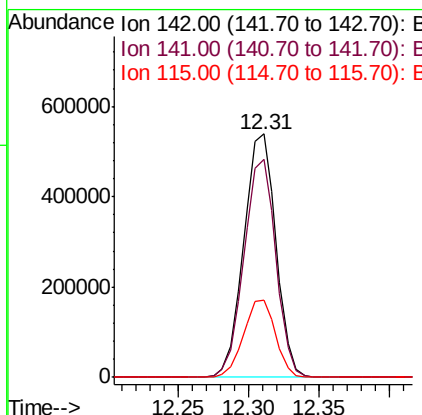
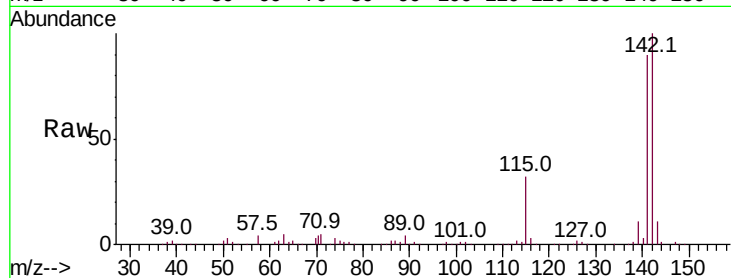




#37
 2-Methylnaphthalene
 Concen: 45.775 ng
 RT: 12.31 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

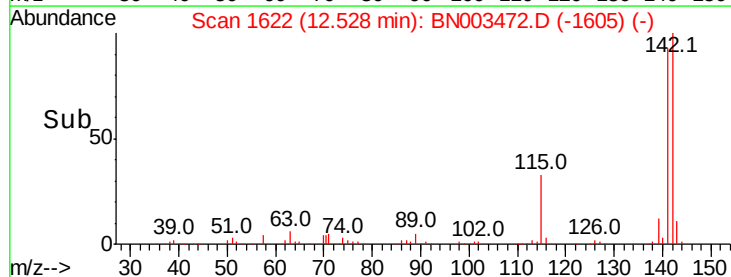
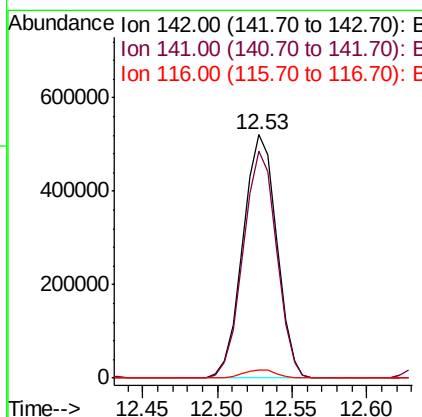
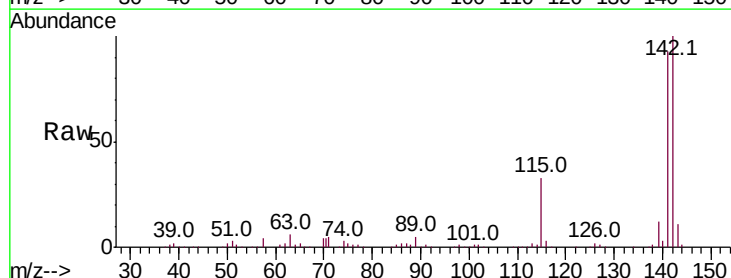
Instrument :
 BNA_N
 ClientSampleId :
 PB114663BS

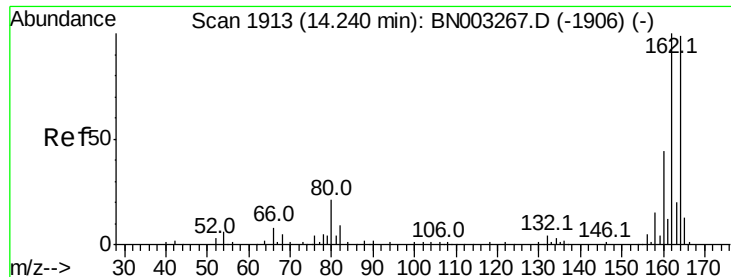
Tot Ion:142 Resp: 859711
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.6 107.4
 115 31.8 25.5 38.3



#38
 1-Methylnaphthalene
 Concen: 44.414 ng
 RT: 12.53 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Tgt Ion:142 Resp: 814712
 Ion Ratio Lower Upper
 142 100
 141 93.0 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: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

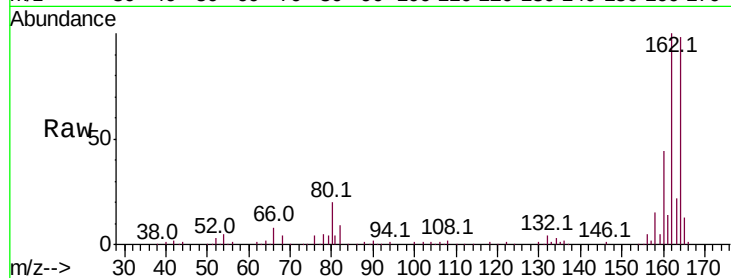
Tot Ion:164 Resp: 310880

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

160 44.6 35.5 53.3

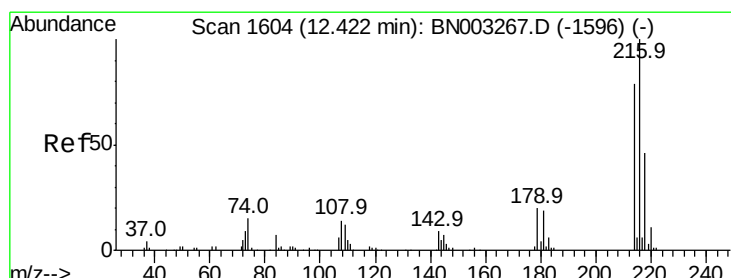
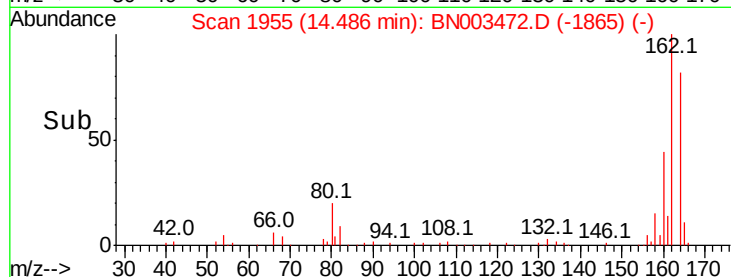
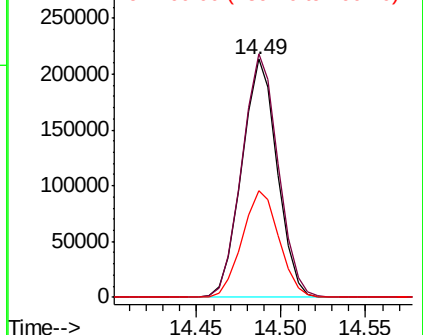


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.744 ng

RT: 12.67 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Tgt Ion:216 Resp: 449881

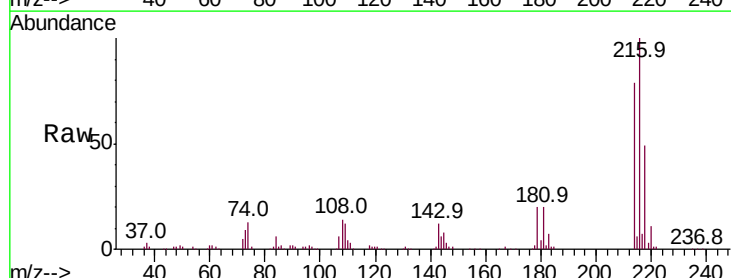
Ion Ratio Lower Upper

216 100

214 78.7 62.8 94.2

179 20.4 16.0 24.0

108 18.0 12.9 19.3



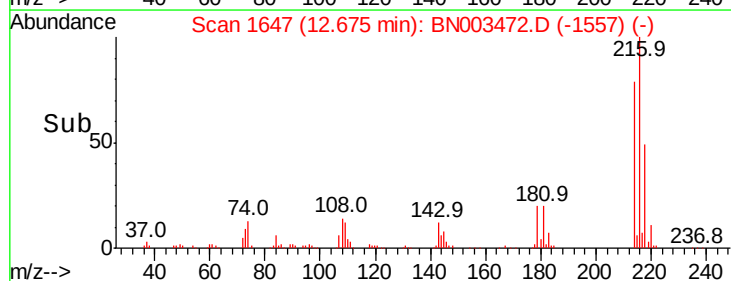
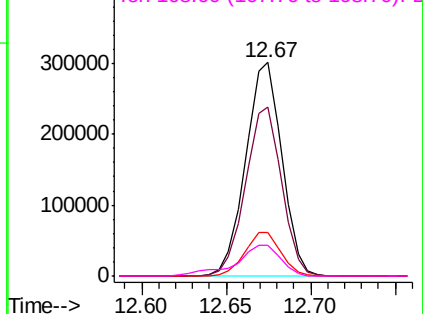
Abundance

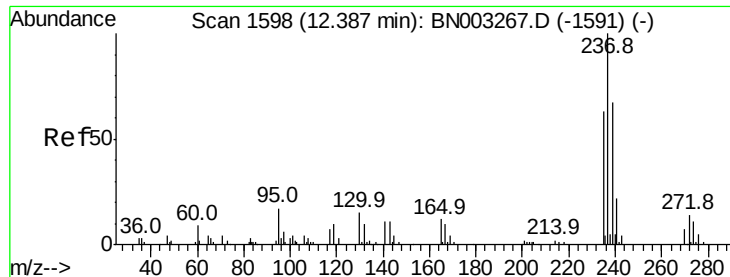
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 121.062 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

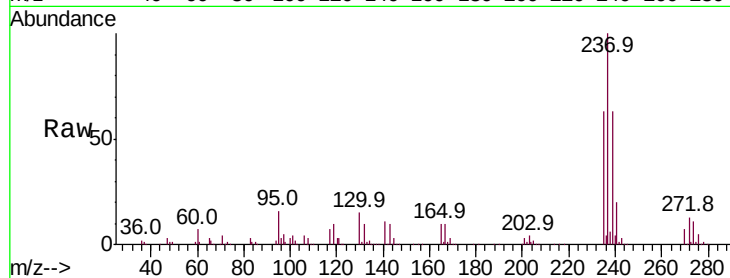
Tot Ion:237 Resp: 562873

Ion Ratio Lower Upper

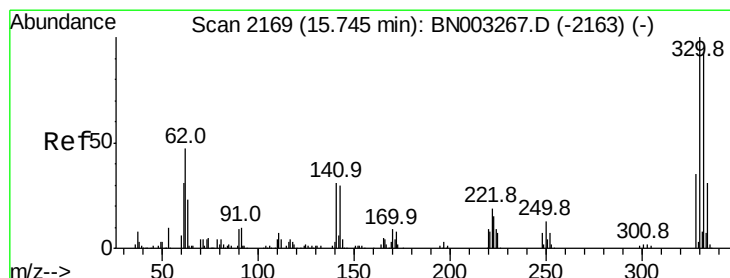
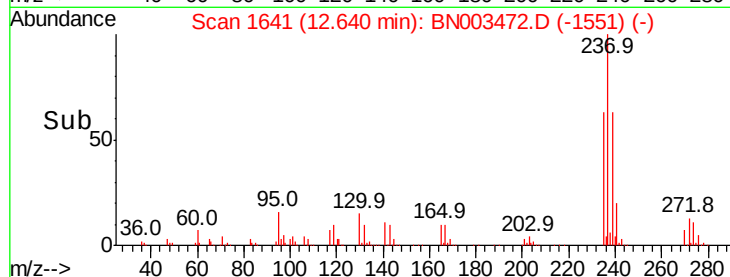
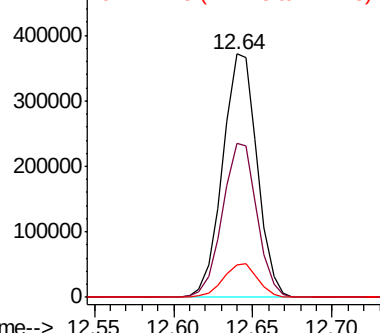
237 100

235 63.0 42.8 82.8

272 13.5 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: 174.087 ng

RT: 15.98 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

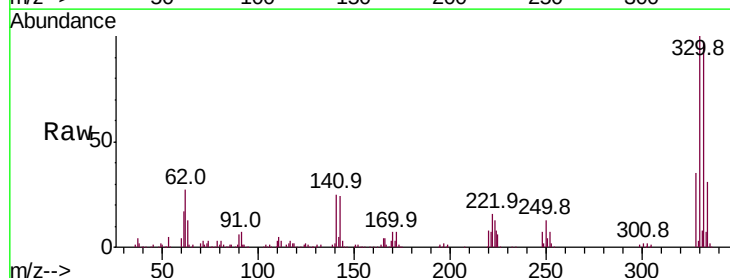
Tgt Ion:330 Resp: 728748

Ion Ratio Lower Upper

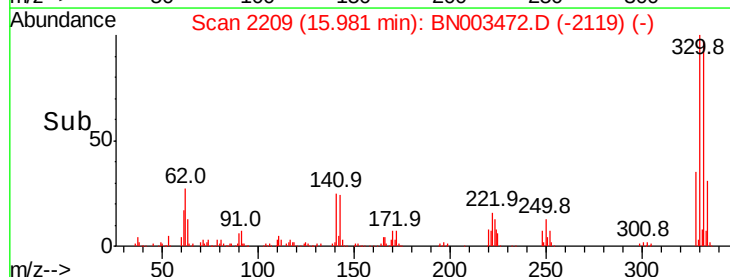
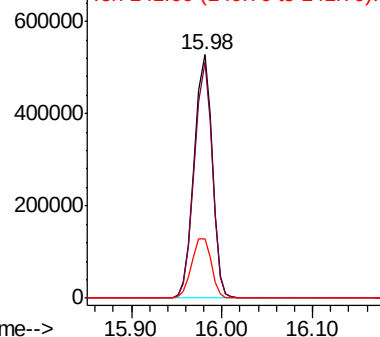
330 100

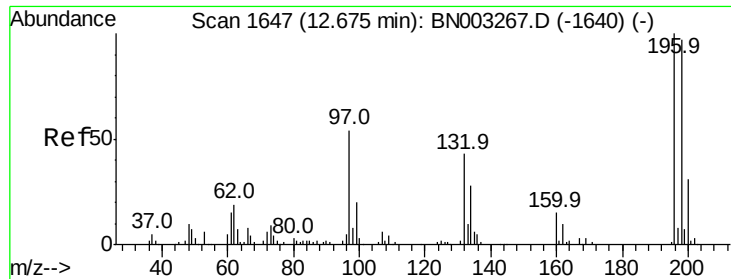
332 96.1 76.6 114.8

141 26.5 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

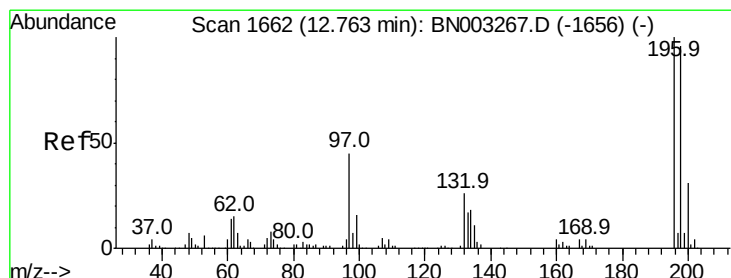
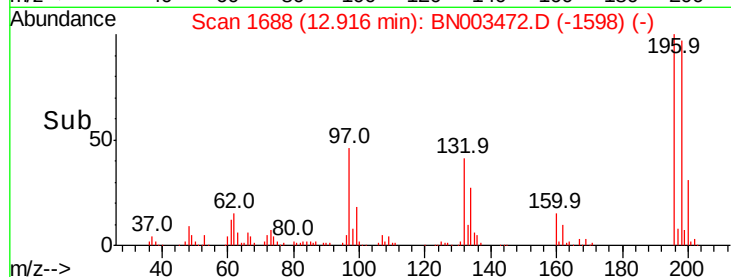
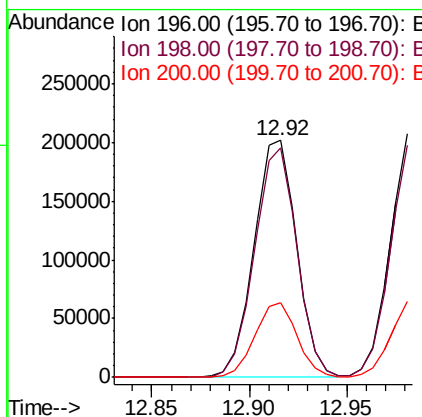
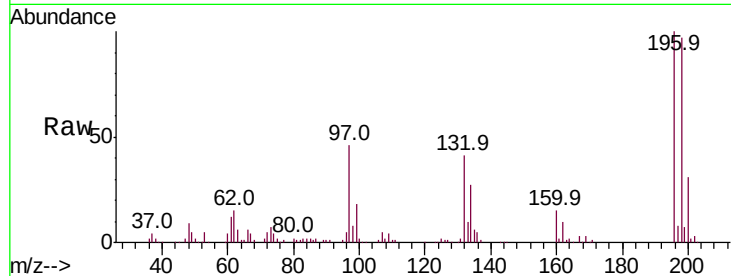




#43
 2,4,6-Trichlorophenol
 Concen: 47.119 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

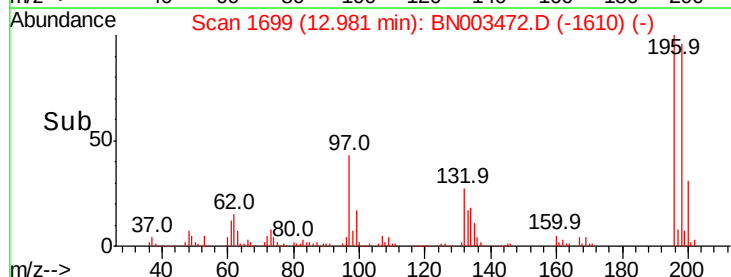
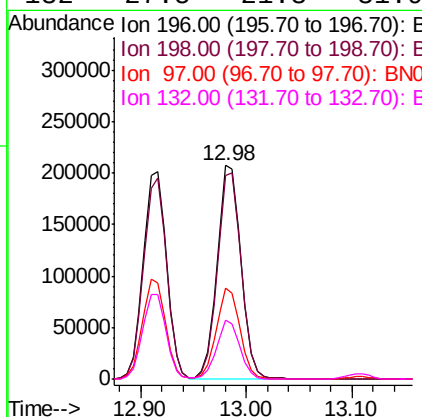
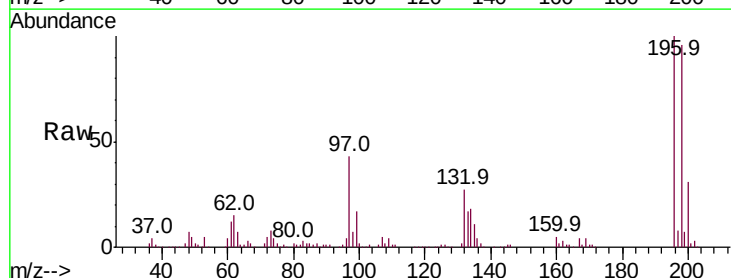
Instrument :
 BNA_N
 ClientSampled :
 PB114663BS

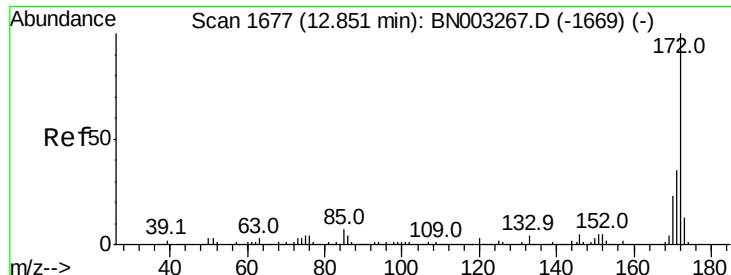
Tot Ion:196 Resp: 306166
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.4 116.0
 200 31.4 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 48.453 ng
 RT: 12.98 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Tgt Ion:196 Resp: 328400
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.8 115.2
 97 42.8 35.8 53.8
 132 27.5 21.3 31.9



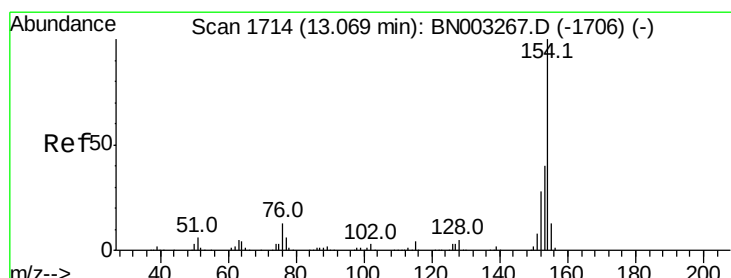
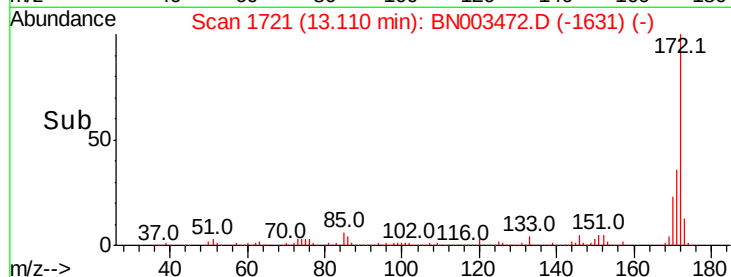
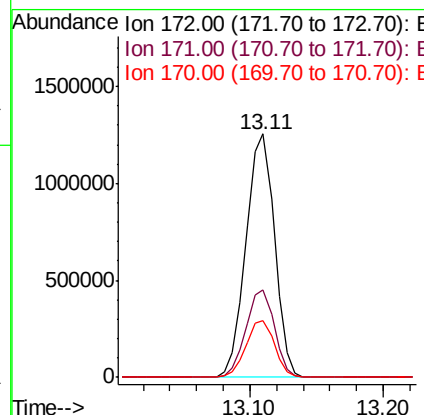
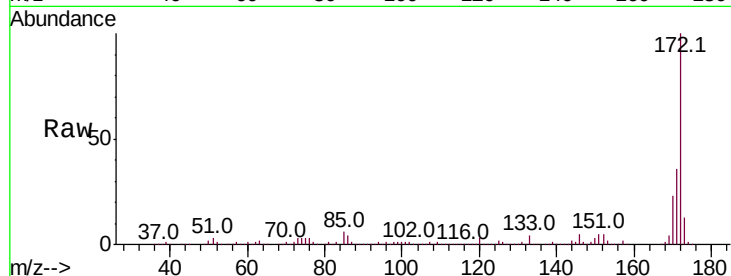


#45
 2-Fluorobiphenyl
 Concen: 80.904 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Instrument :
 BNA_N
 ClientSampleId :
 PB114663BS

Tot Ion:172 Resp: 1854254

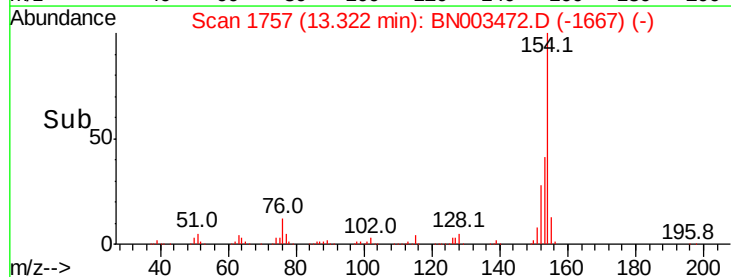
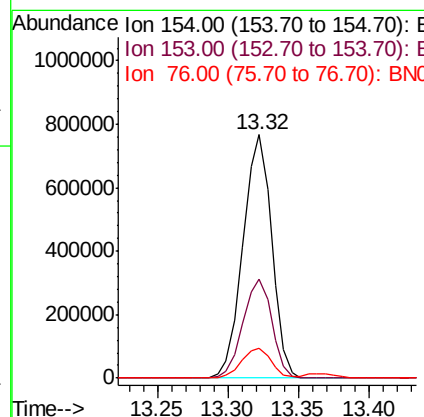
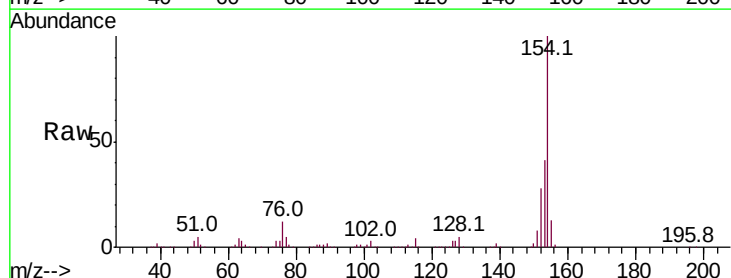
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	23.5	18.4	27.6

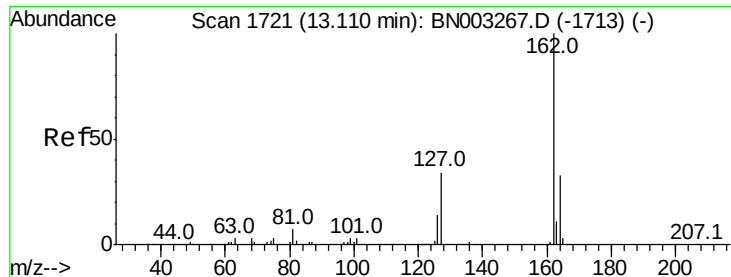


#46
 1,1'-Biphenyl
 Concen: 40.042 ng
 RT: 13.32 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Tgt Ion:154 Resp: 1092545

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	12.2	0.0	33.3

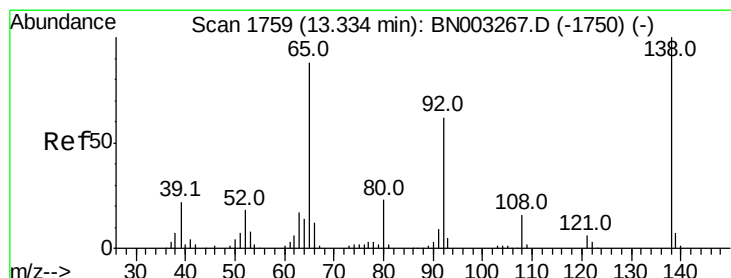
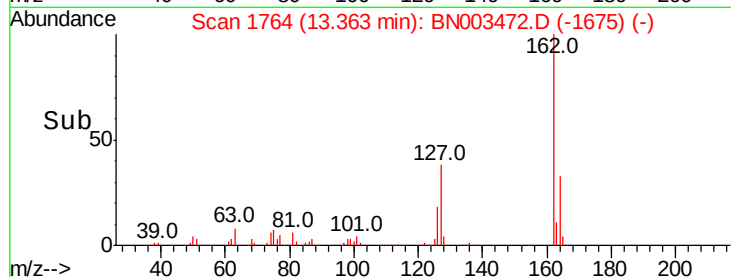
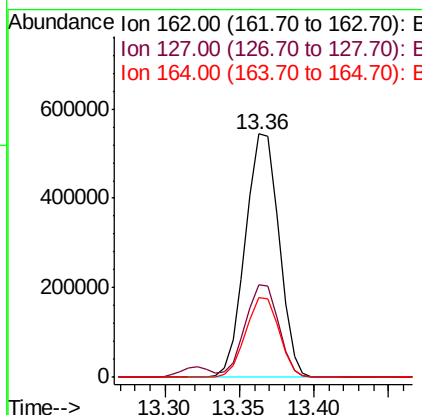
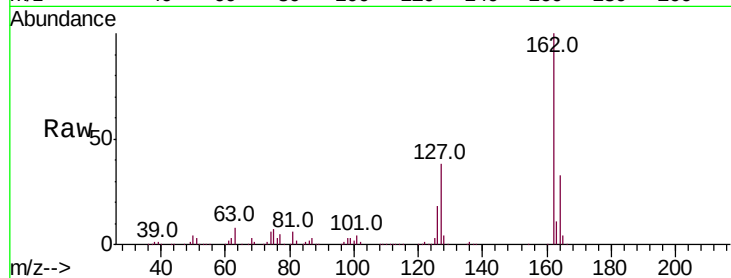




#47
2-Chloronaphthalene
Concen: 42.157 ng
RT: 13.36 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

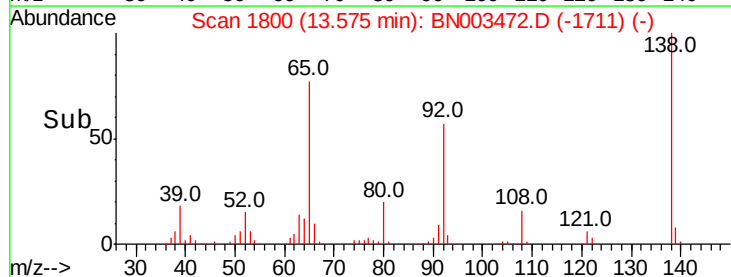
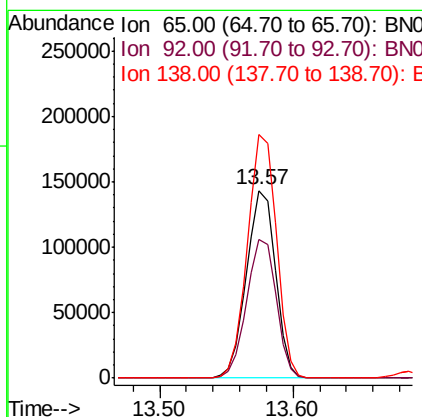
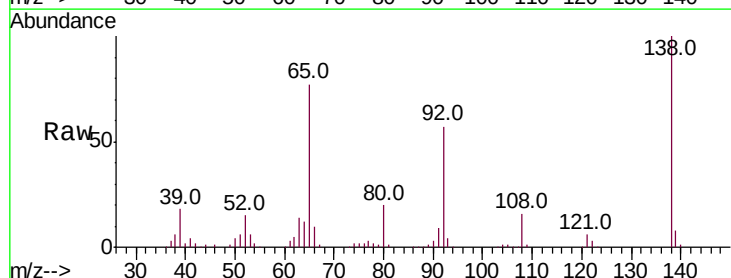
Instrument :
BNA_N
ClientSampleId :
PB114663BS

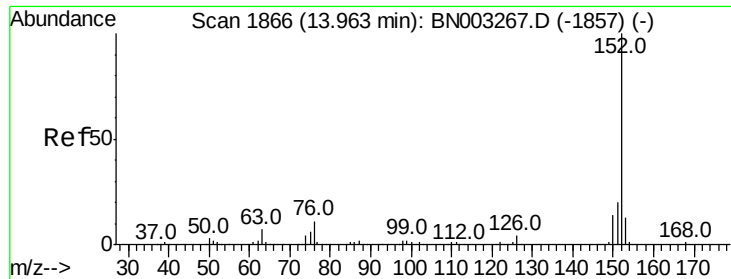
Tot Ion:162 Resp: 848452
Ion Ratio Lower Upper
162 100
127 38.3 29.8 44.6
164 32.9 26.3 39.5



#48
2-Nitroaniline
Concen: 36.449 ng
RT: 13.57 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Tgt Ion: 65 Resp: 215542
Ion Ratio Lower Upper
65 100
92 74.1 56.1 84.1
138 129.6 90.6 136.0





#49

Acenaphthylene

Concen: 44.560 ng

RT: 14.21 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

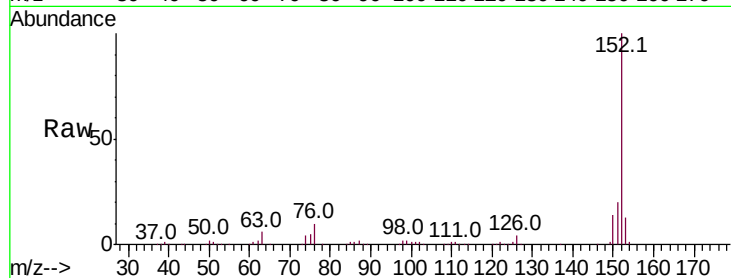
Tot Ion:152 Resp: 1372699

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.6
153	13.3	10.3	15.5

152 100

151 20.3 15.8 23.6

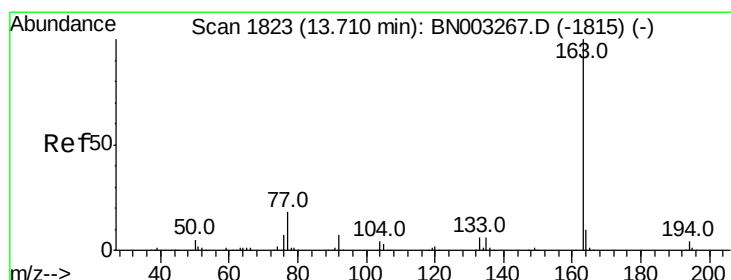
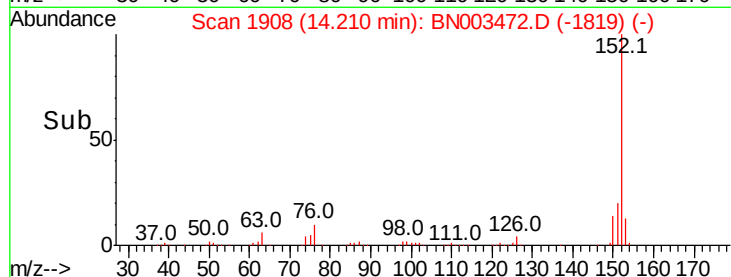
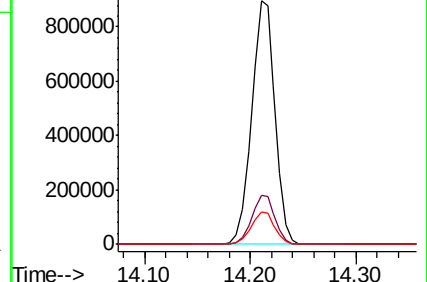
153 13.3 10.3 15.5



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: 41.544 ng

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

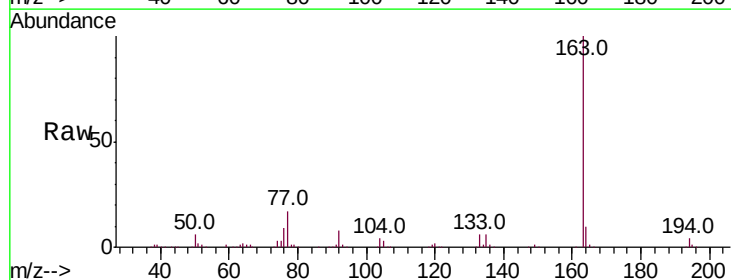
Tgt Ion:163 Resp: 1044276

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.1	7.9	11.9

163 100

194 4.4 3.4 5.2

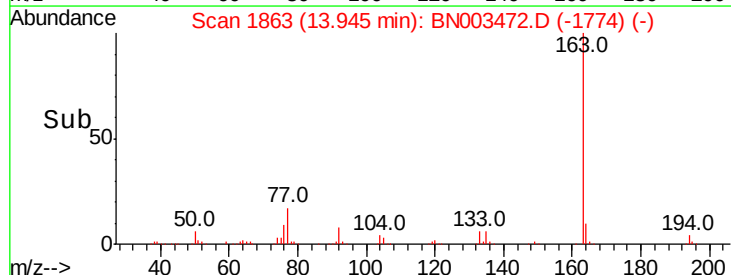
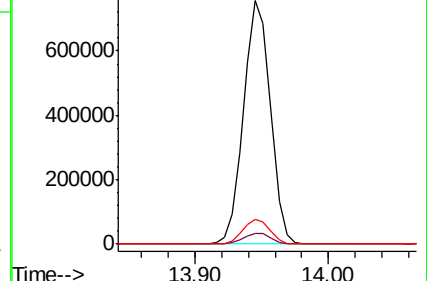
164 10.1 7.9 11.9

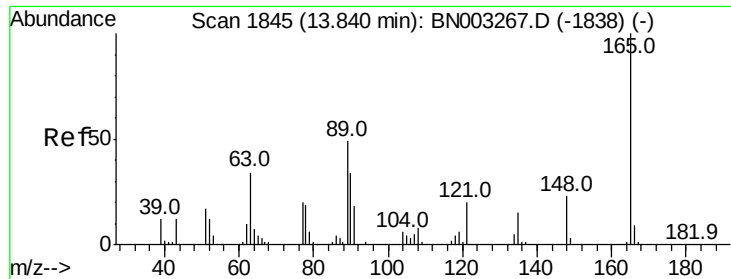


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.227 ng

RT: 14.07 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

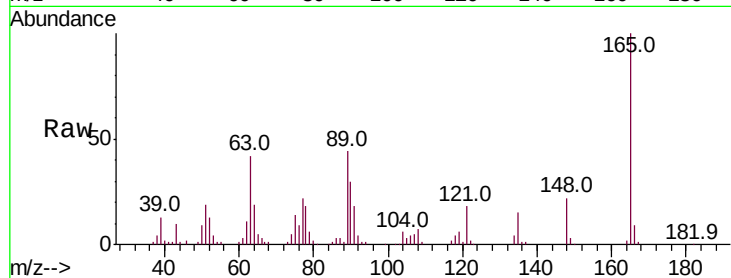
Tot Ion:165 Resp: 235209

Ion Ratio Lower Upper

165 100

63 42.4 39.2 58.8

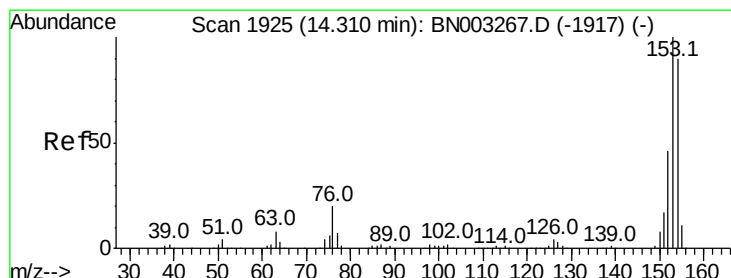
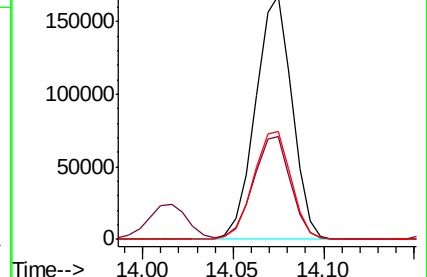
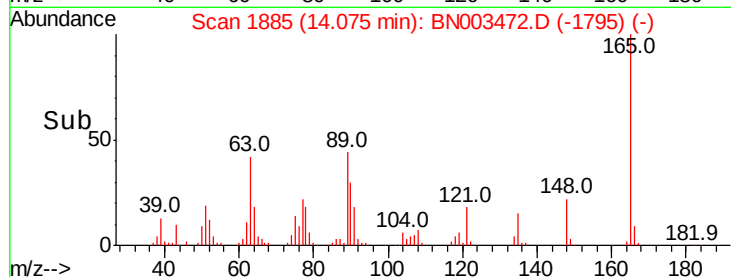
89 44.5 38.9 58.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC



#52

Acenaphthene

Concen: 41.988 ng

RT: 14.55 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

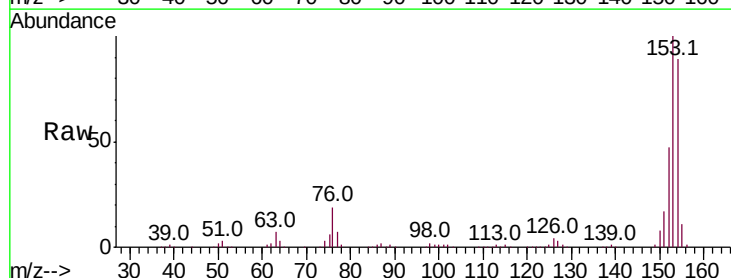
Tgt Ion:154 Resp: 783720

Ion Ratio Lower Upper

154 100

153 112.9 89.3 133.9

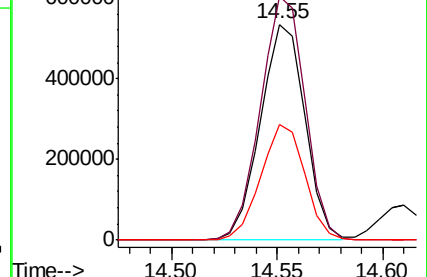
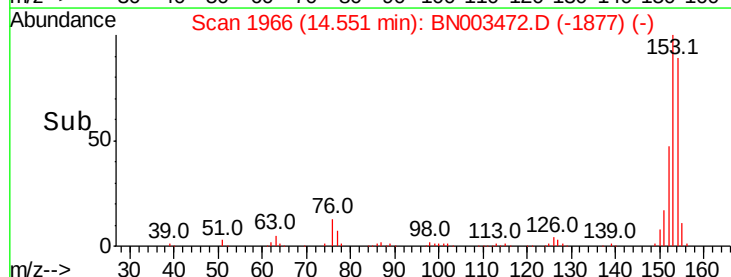
152 53.5 41.2 61.8

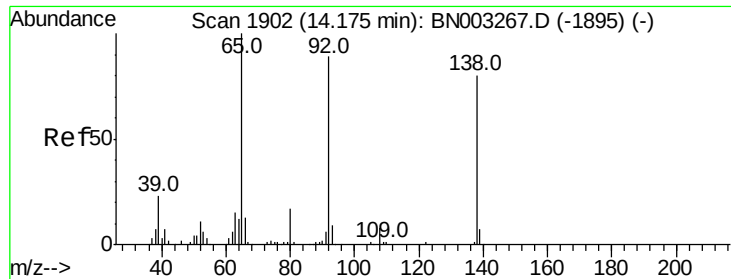


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.400 ng

RT: 14.40 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

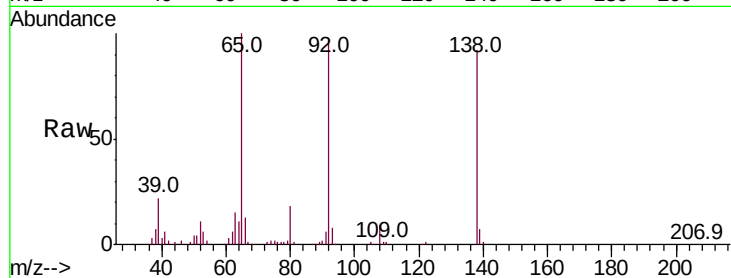
Tot Ion:138 Resp: 167108

Ion Ratio Lower Upper

138 100

108 10.2 8.4 12.6

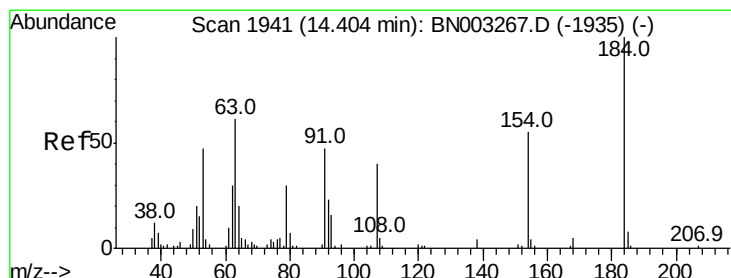
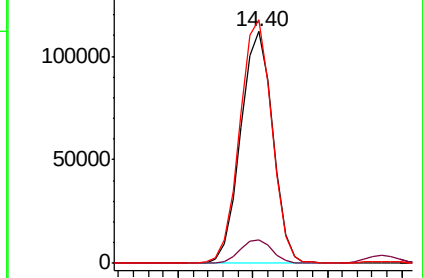
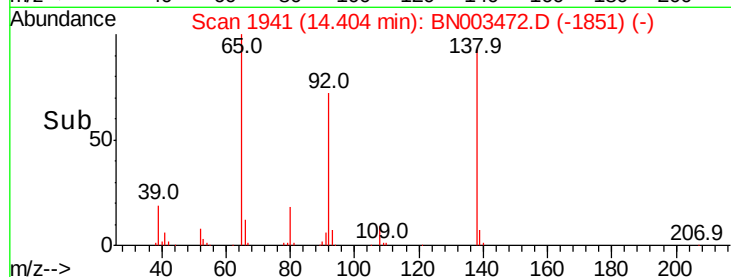
92 104.9 89.6 134.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO



#54

2,4-Dinitrophenol

Concen: 70.814 ng

RT: 14.61 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

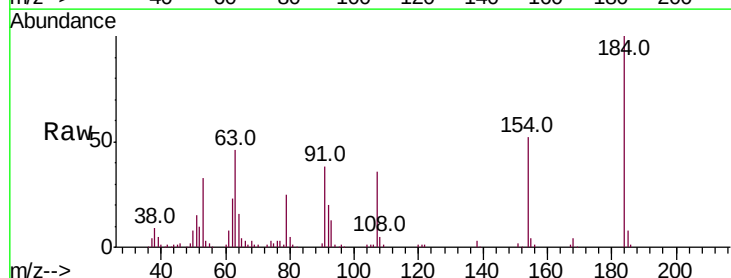
Tgt Ion:184 Resp: 229794

Ion Ratio Lower Upper

184 100

63 46.4 49.0 73.4#

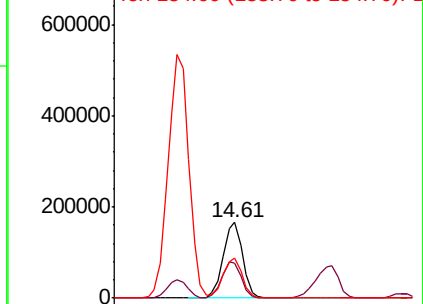
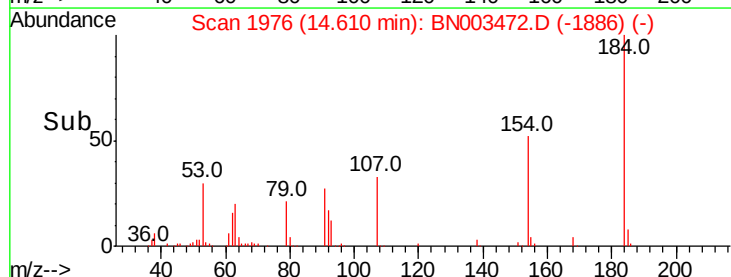
154 52.5 44.2 66.2

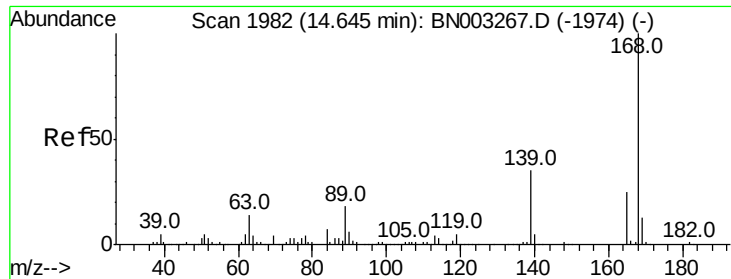


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.492 ng

RT: 14.89 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

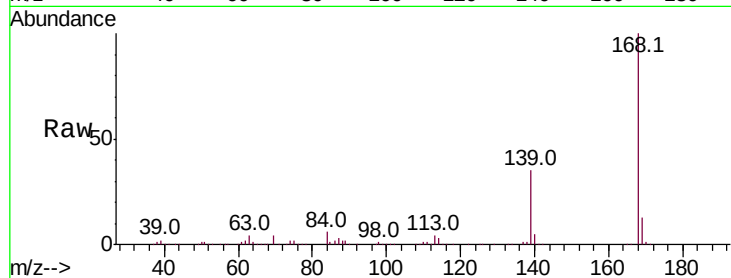
Tot Ion:168 Resp: 1259975

Ion Ratio Lower Upper

168 100

139 35.3 28.5 42.7

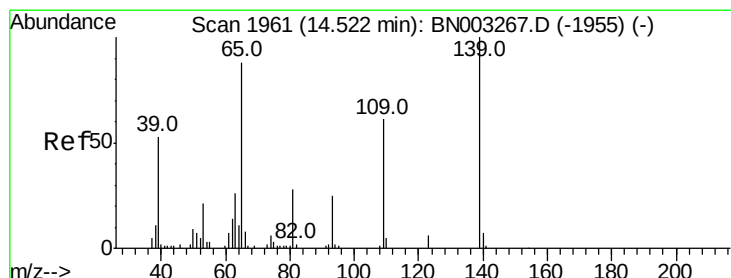
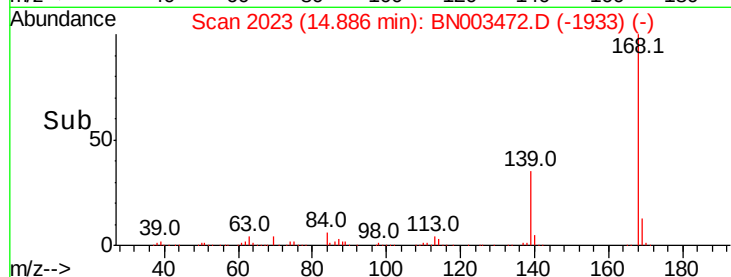
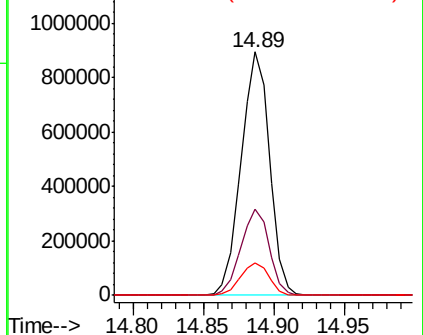
169 13.3 10.3 15.5



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: 117.307 ng

RT: 14.71 min Scan# 1993

Delta R.T. 0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

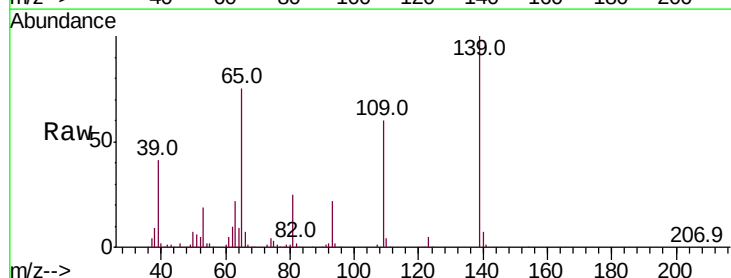
Tgt Ion:139 Resp: 527595

Ion Ratio Lower Upper

139 100

109 59.8 40.7 80.7

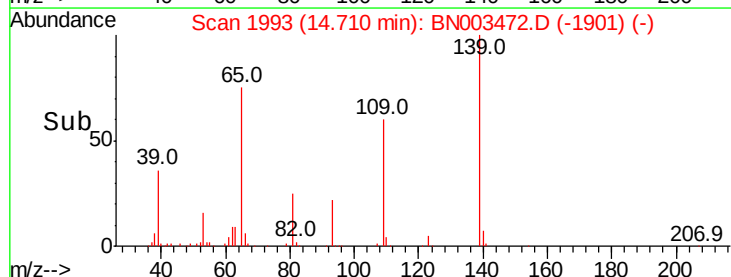
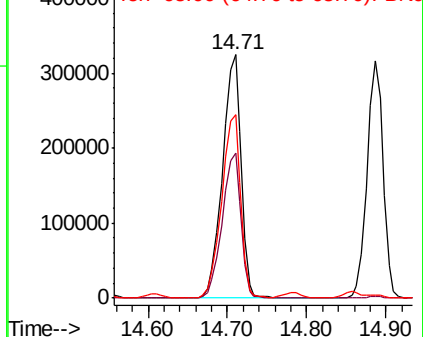
65 75.3 68.0 108.0

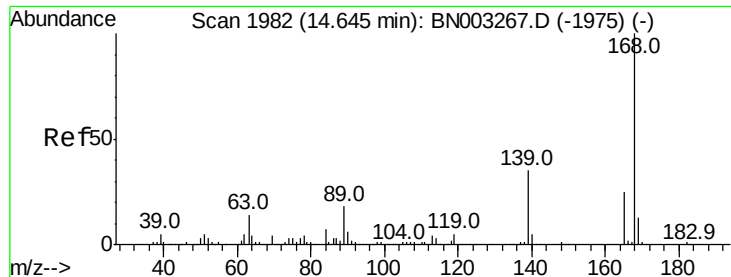


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC

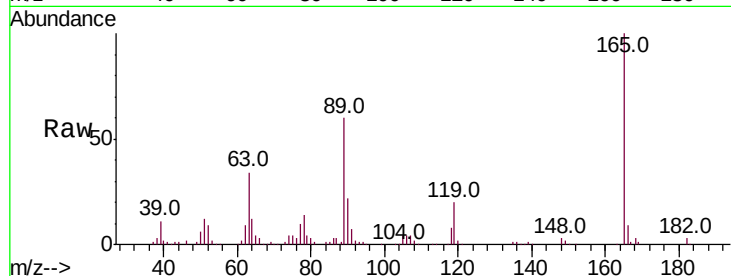




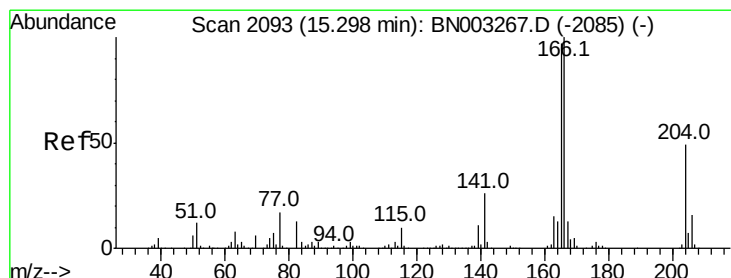
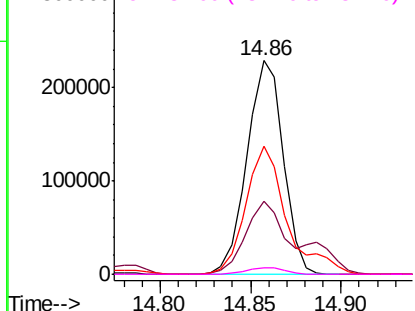
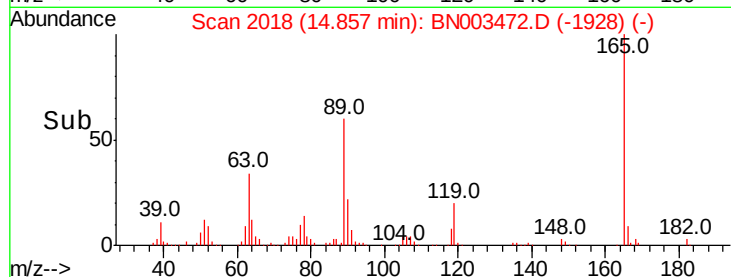
#57
2,4-Dinitrotoluene
Concen: 41.067 ng
RT: 14.86 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Instrument :
BNA_N
ClientSampleId :
PB114663BS

Tot Ion:165 Resp: 317678
Ion Ratio Lower Upper
165 100
63 34.2 45.8 68.6#
89 60.1 58.7 88.1
182 3.1 2.3 3.5

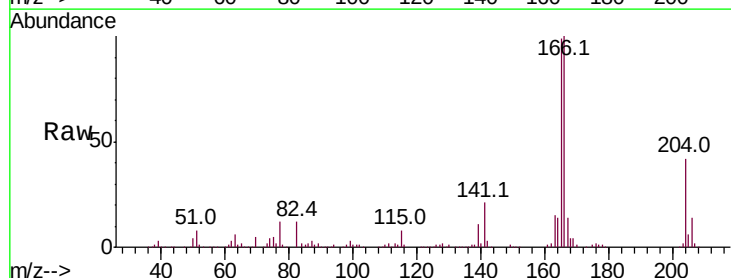


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC
Ion 182.00 (181.70 to 182.70): E

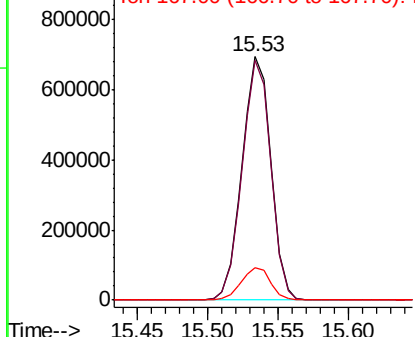
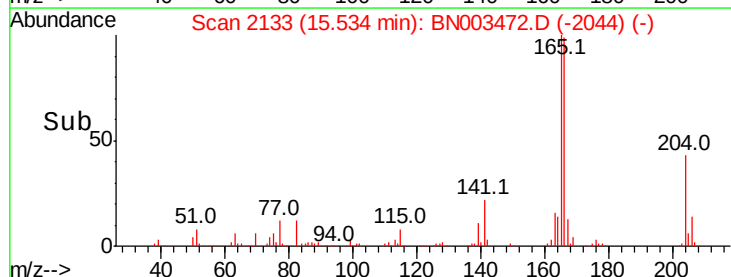


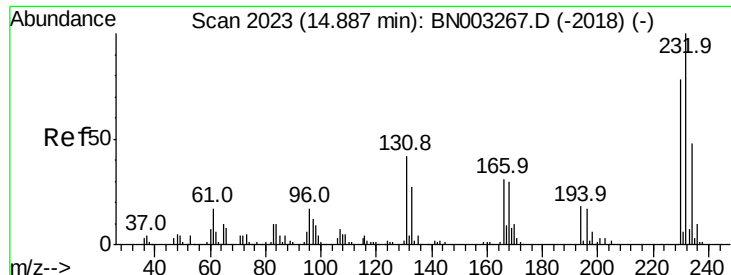
#58
Fluorene
Concen: 42.348 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Tgt Ion:166 Resp: 992330
Ion Ratio Lower Upper
166 100
165 98.6 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

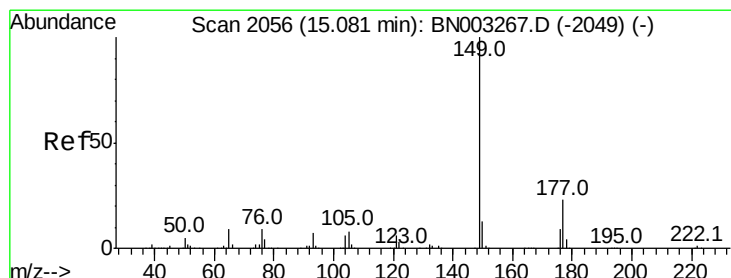
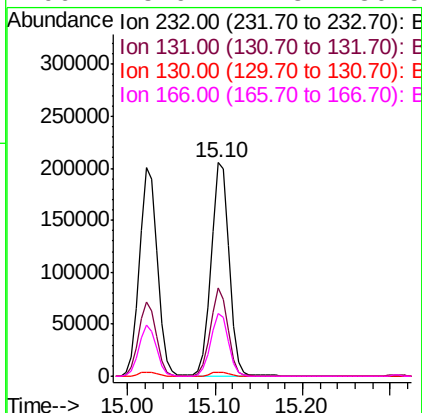
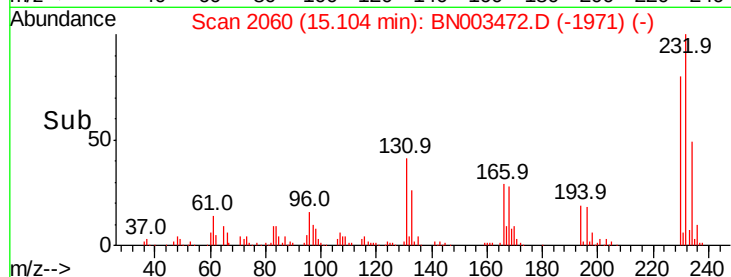
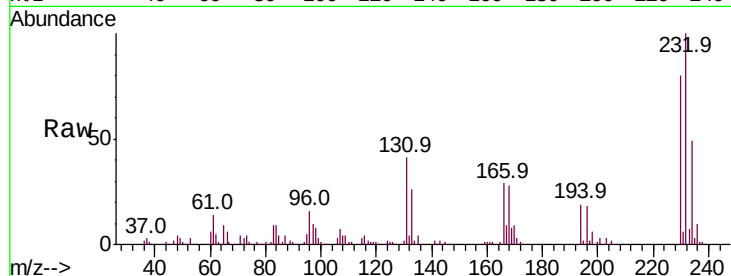




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.729 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

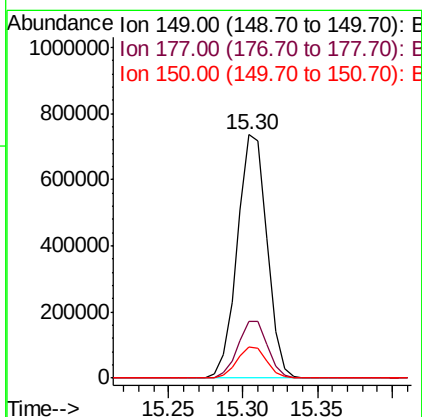
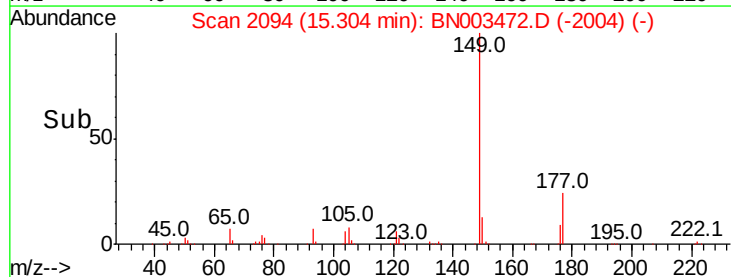
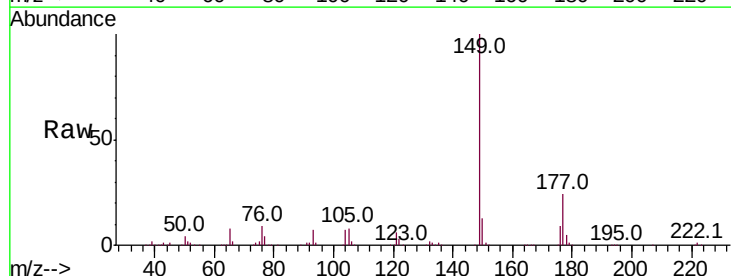
Instrument :
 BNA_N
 ClientSampleId :
 PB114663BS

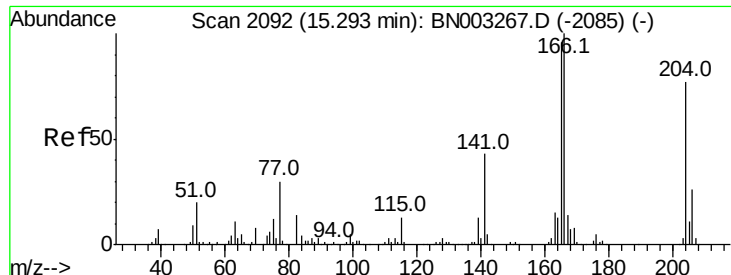
Tot Ion:	232	Resp:	295969
Ion	Ratio	Lower	Upper
232	100		
131	39.8	33.7	50.5
130	2.0	1.6	2.4
166	28.9	24.3	36.5



#60
 Diethylphthalate
 Concen: 39.837 ng
 RT: 15.30 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Tgt Ion:	149	Resp:	1016153
Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.6	28.0
150	12.8	10.0	15.0

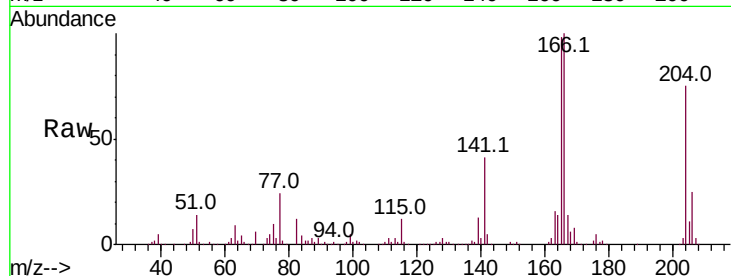




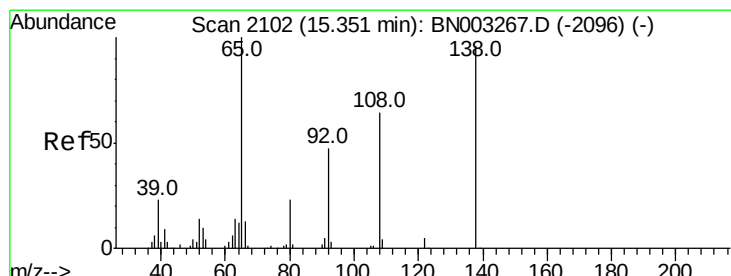
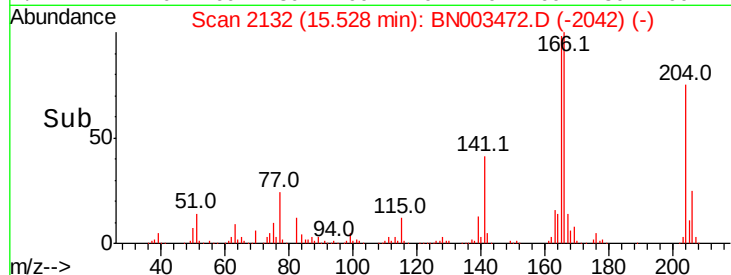
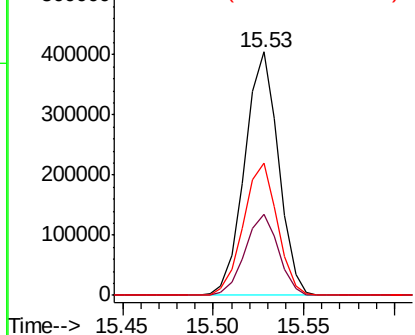
#61
 4-Chlorophenyl-phenylether
 Concen: 40.293 ng
 RT: 15.53 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Instrument :
 BNA_N
 ClientSampleID :
 PB114663BS

Tot Ion:204 Resp: 524561
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.6 39.8
 141 54.5 44.6 67.0

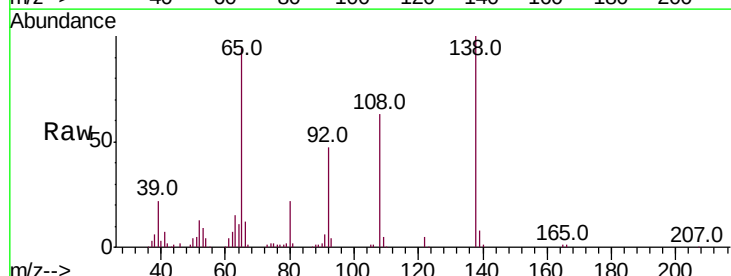


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

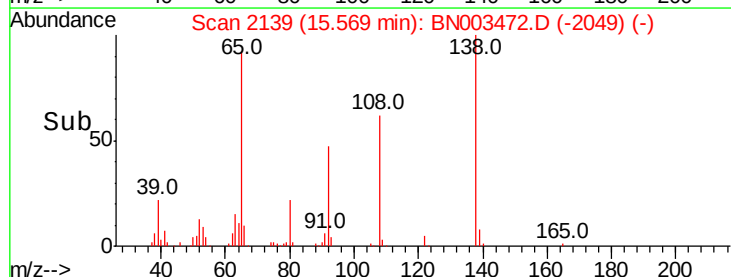
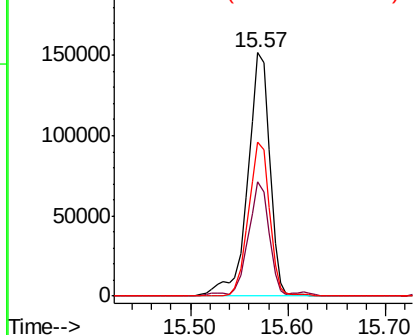


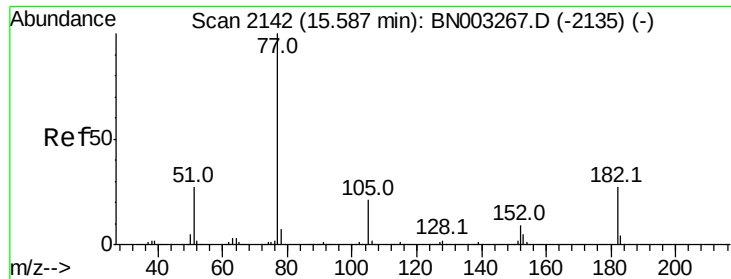
#62
 4-Nitroaniline
 Concen: 40.010 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Tgt Ion:138 Resp: 238391
 Ion Ratio Lower Upper
 138 100
 92 47.0 27.9 67.9
 108 63.3 46.3 86.3



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

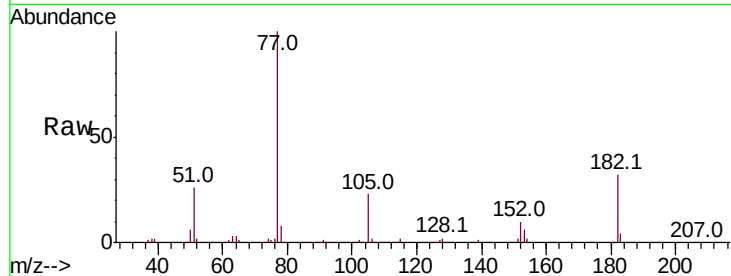




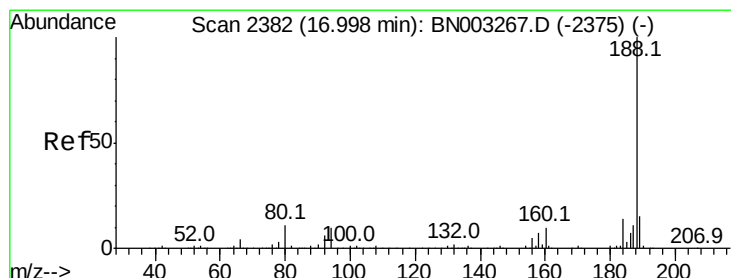
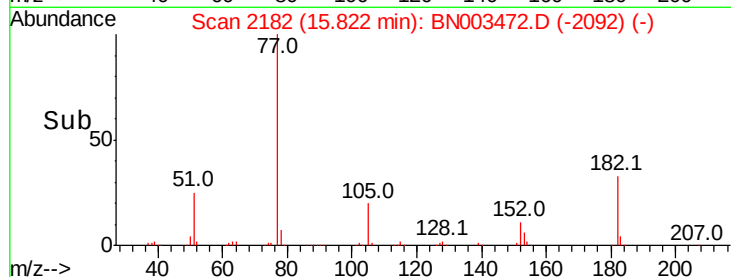
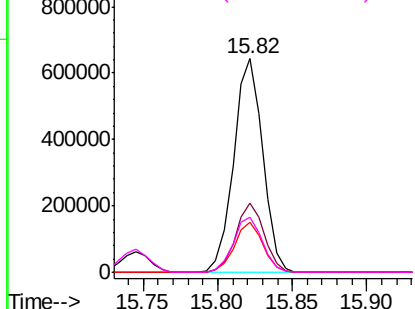
#63
Azobenzene
Concen: 36.903 ng
RT: 15.82 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Instrument :
BNA_N
ClientSampleId :
PB114663BS

Tot Ion:	77	Resp:	869959
Ion	Ratio	Lower	Upper
77	100		
182	32.3	6.5	46.5
105	23.4	1.0	41.0
51	25.9	7.0	47.0

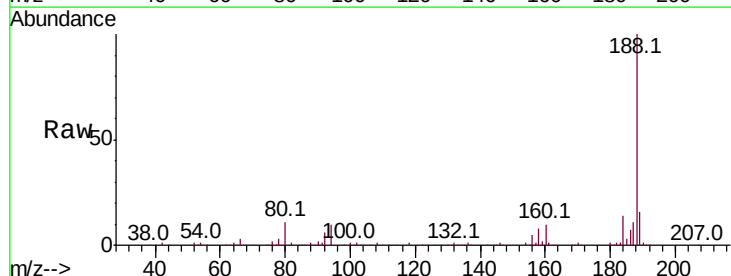


Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 51.00 (50.70 to 51.70): BNC

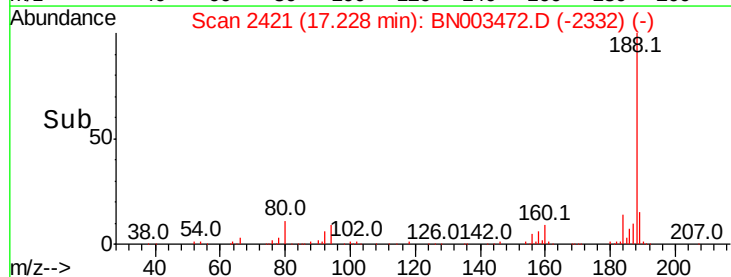
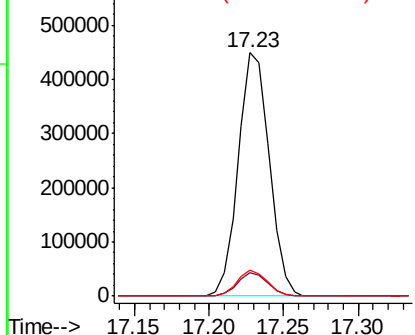


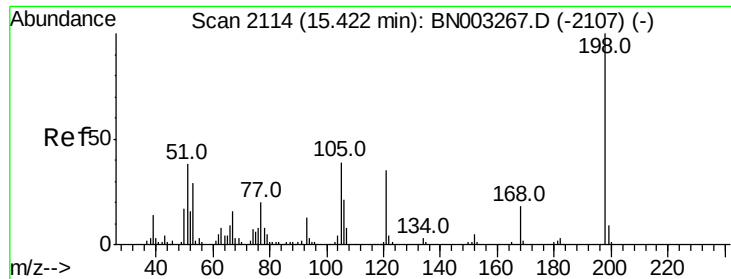
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Tgt Ion:	188	Resp:	649366
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.8	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

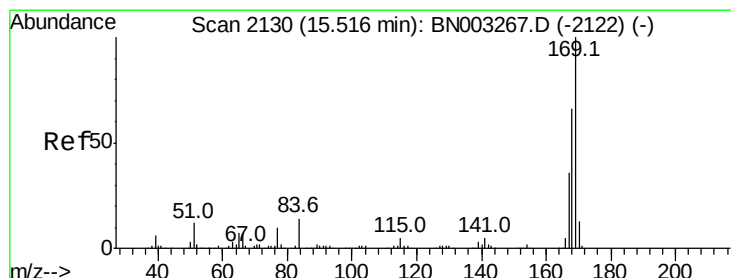
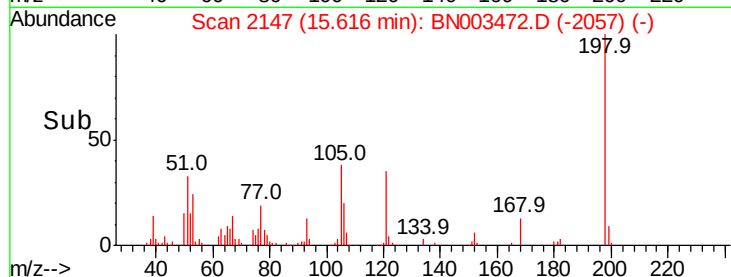
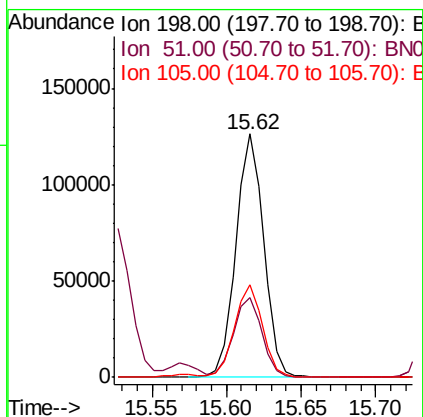
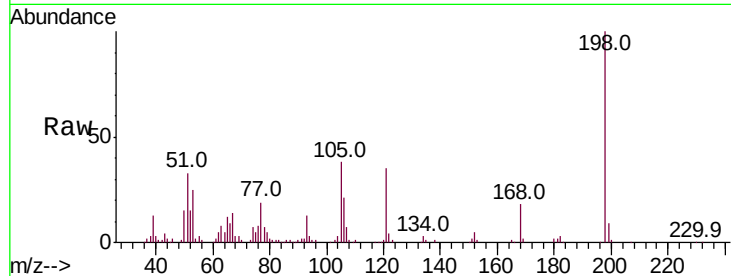




#65
4,6-Dinitro-2-methylphenol
Concen: 36.319 ng
RT: 15.62 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

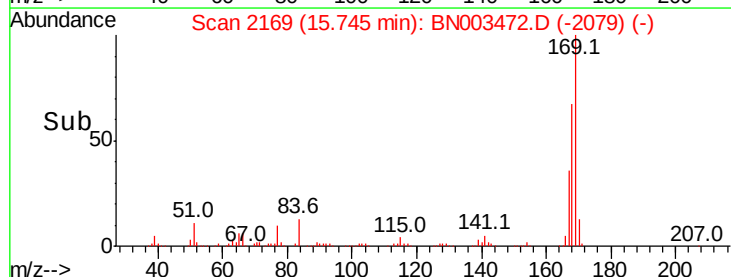
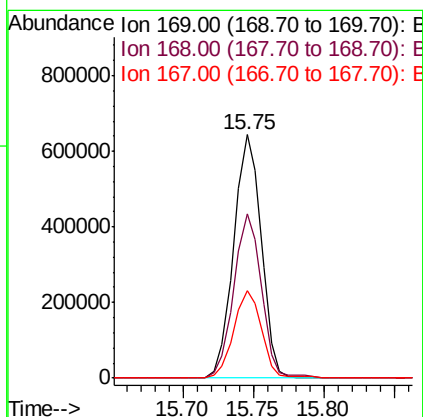
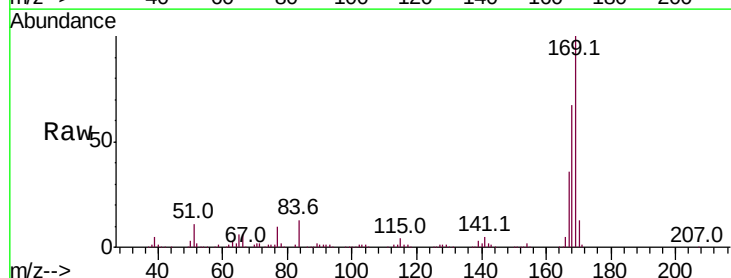
Instrument :
BNA_N
ClientSampleId :
PB114663BS

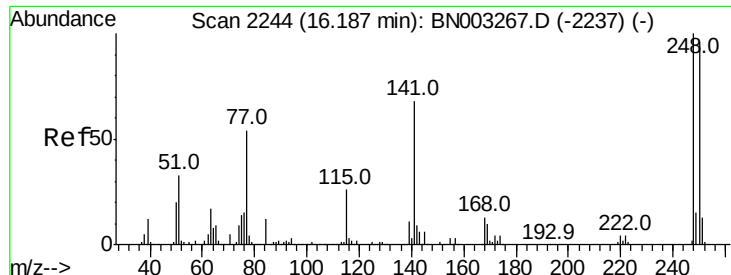
Tot Ion	Ratio	Lower	Upper
198	100		
51	33.0	19.2	59.2
105	38.0	18.9	58.9



#66
n-Nitrosodiphenylamine
Concen: 42.928 ng
RT: 15.75 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.3	79.9
167	36.1	28.6	43.0

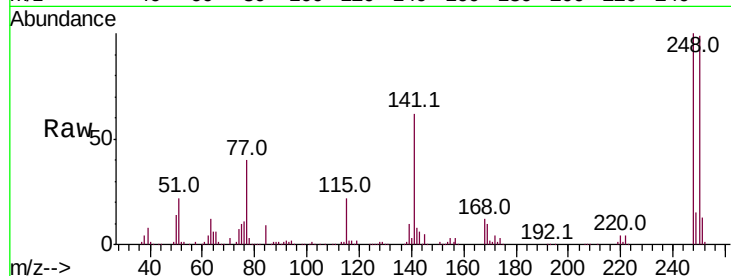




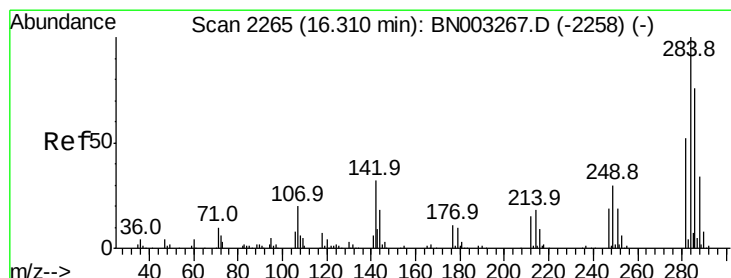
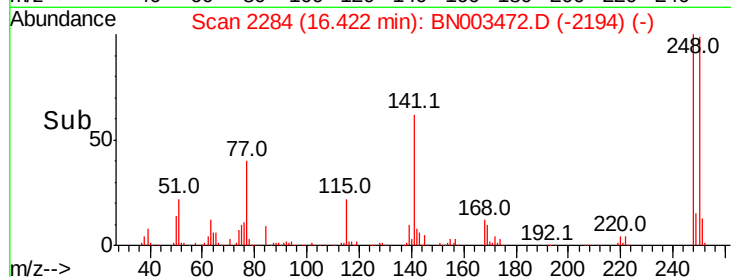
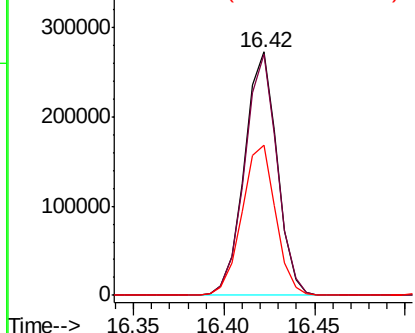
#67
4-Bromophenyl-phenylether
Concen: 46.744 ng
RT: 16.42 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Instrument :
BNA_N
ClientSampleId :
PB114663BS

Tot Ion:248 Resp: 341856
Ion Ratio Lower Upper
248 100
250 99.1 76.4 114.6
141 61.5 54.2 81.4

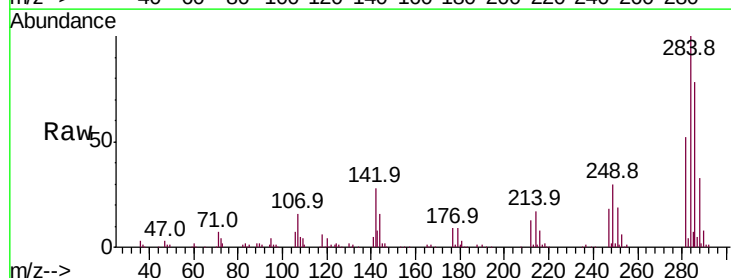


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

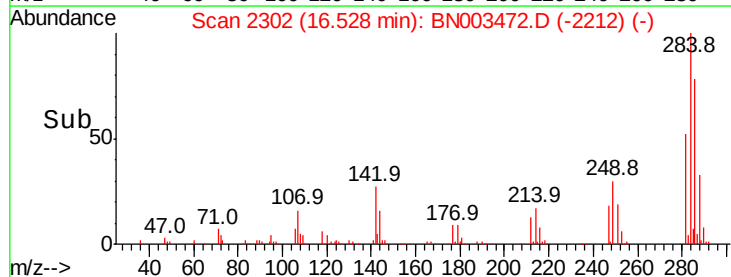
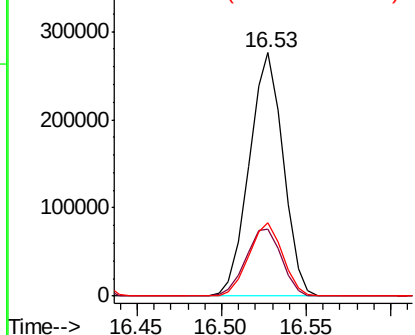


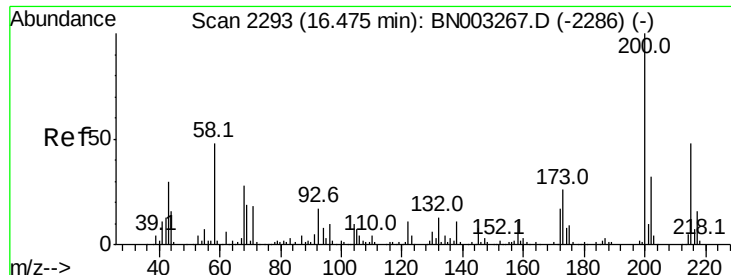
#68
Hexachlorobenzene
Concen: 46.347 ng
RT: 16.53 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Tgt Ion:284 Resp: 386143
Ion Ratio Lower Upper
284 100
142 27.6 25.6 38.4
249 30.0 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: 43.344 ng

RT: 16.69 min Scan# 2330

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

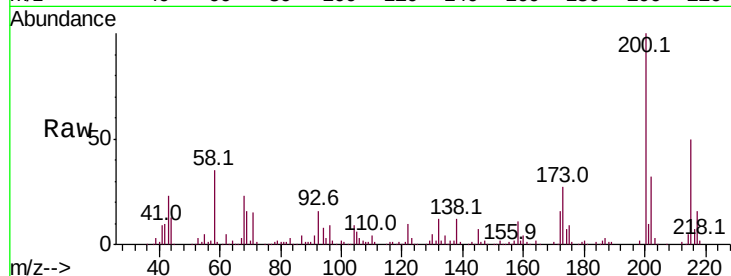
Tot Ion:200 Resp: 312265

Ion Ratio Lower Upper

200 100

173 26.6 6.3 46.3

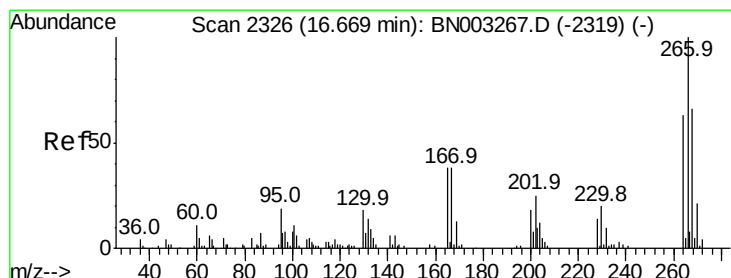
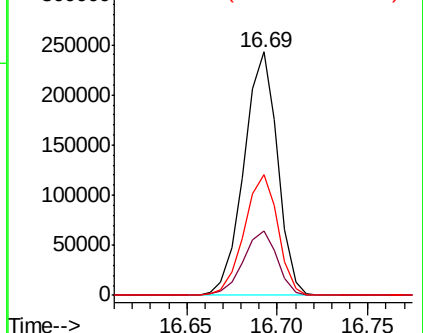
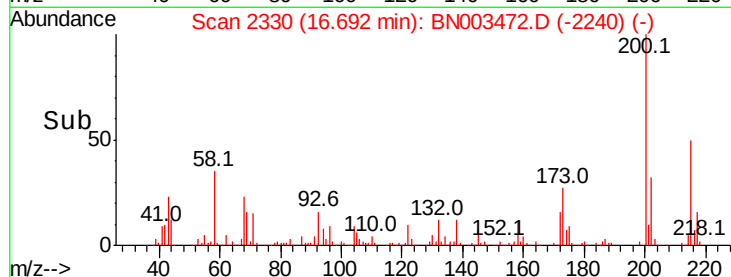
215 49.8 27.6 67.6



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: 103.522 ng

RT: 16.87 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

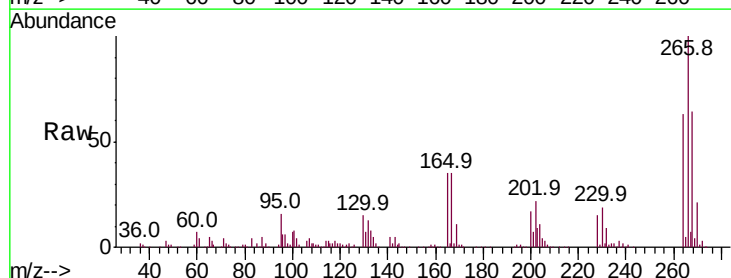
Tgt Ion:266 Resp: 444479

Ion Ratio Lower Upper

266 100

268 64.2 52.5 78.7

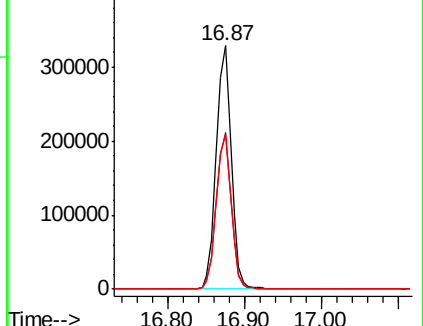
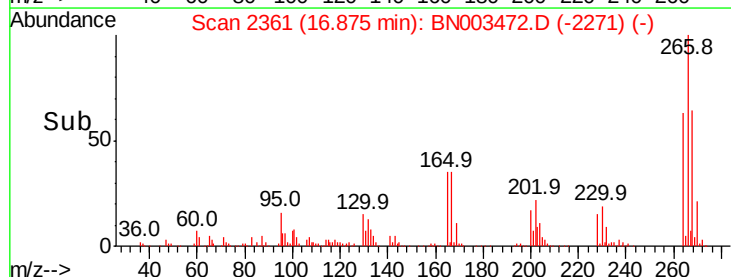
264 63.1 50.3 75.5

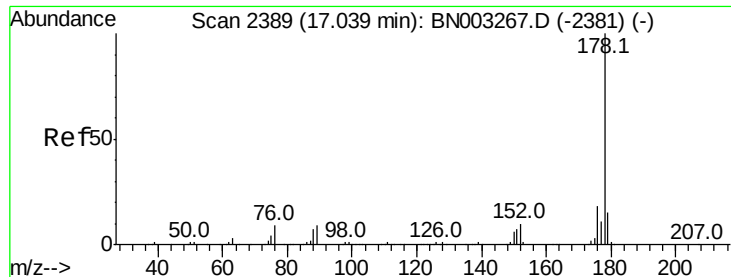


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

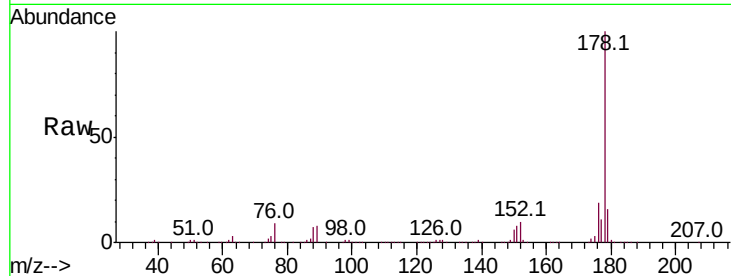




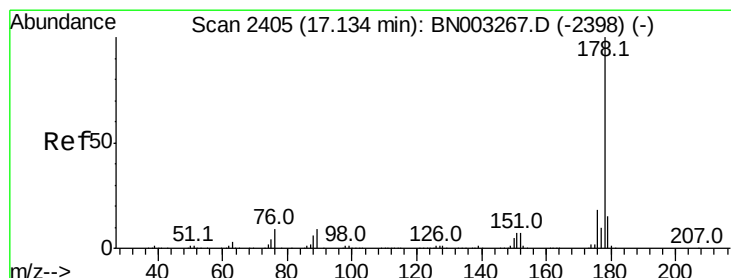
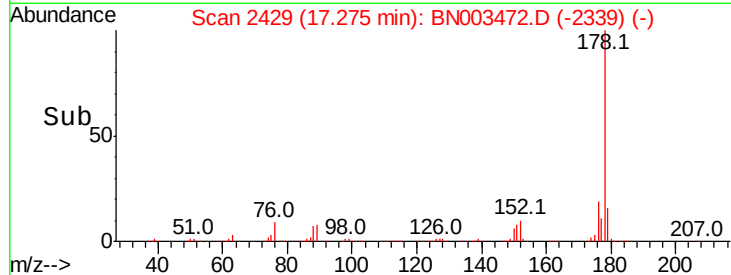
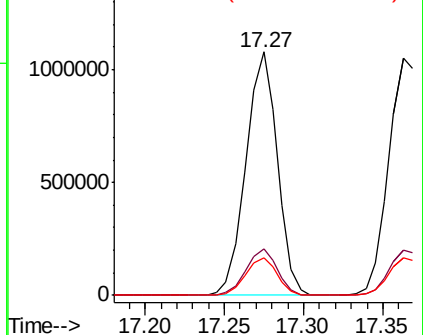
#71
Phenanthrene
Concen: 43.441 ng
RT: 17.27 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Instrument :
BNA_N
ClientSampleId :
PB114663BS

Tot Ion:178 Resp: 1483013
Ion Ratio Lower Upper
178 100
176 19.3 14.4 21.6
179 15.5 12.2 18.4

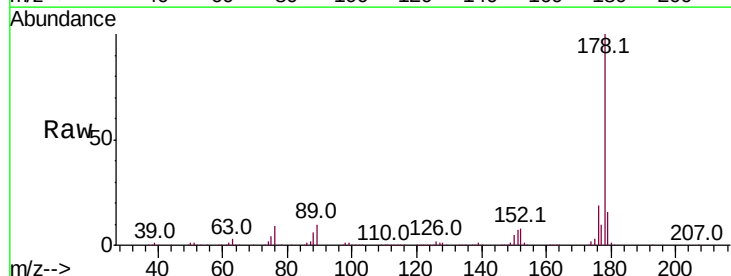


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

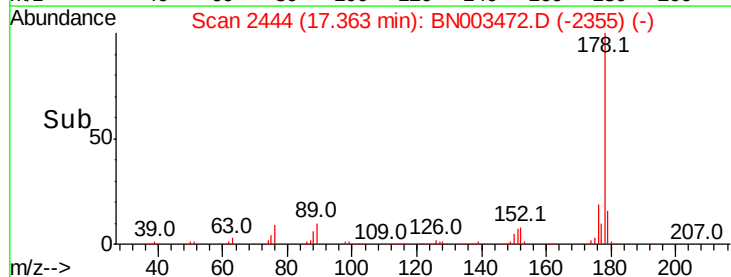
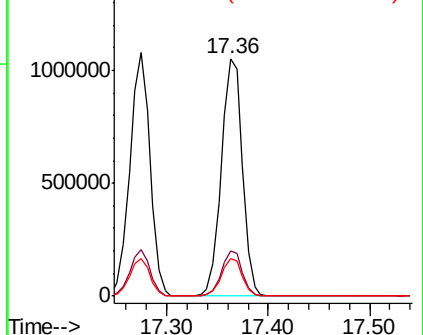


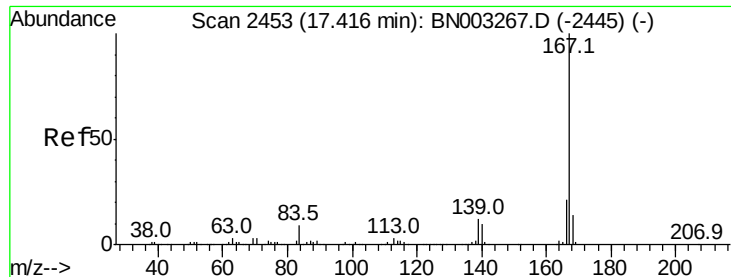
#72
Anthracene
Concen: 44.551 ng
RT: 17.36 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Tgt Ion:178 Resp: 1517657
Ion Ratio Lower Upper
178 100
176 19.1 14.3 21.5
179 15.6 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

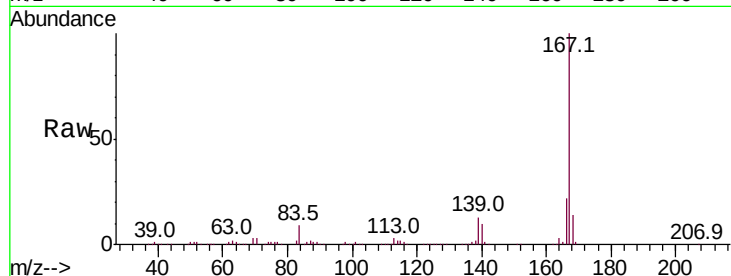




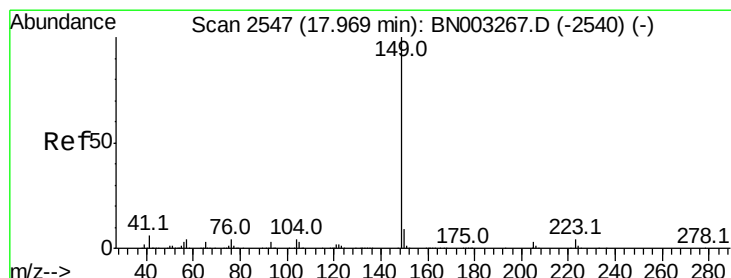
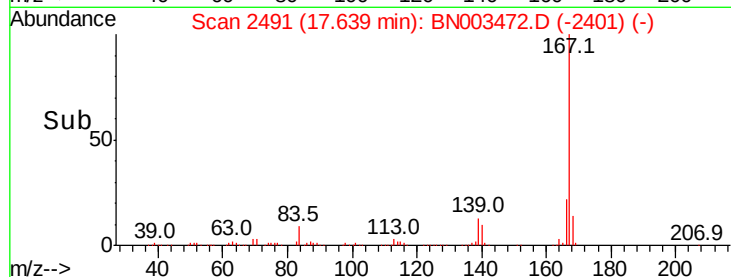
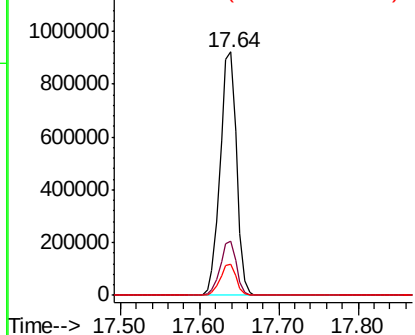
#73
 Carbazole
 Concen: 37.398 ng
 RT: 17.64 min Scan# 2491
 Delta R.T. 0.00 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Instrument :
 BNA_N
 ClientSampleId :
 PB114663BS

Tot Ion:167 Resp: 1319336
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.0 25.6
 139 12.6 9.9 14.9

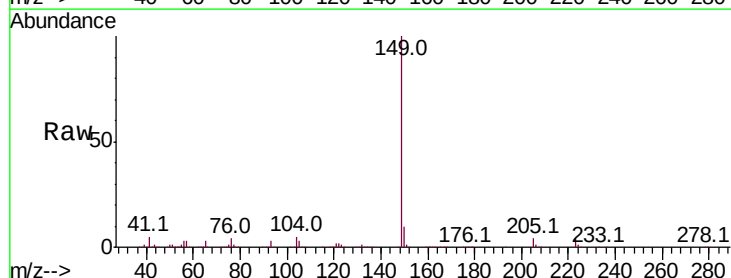


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

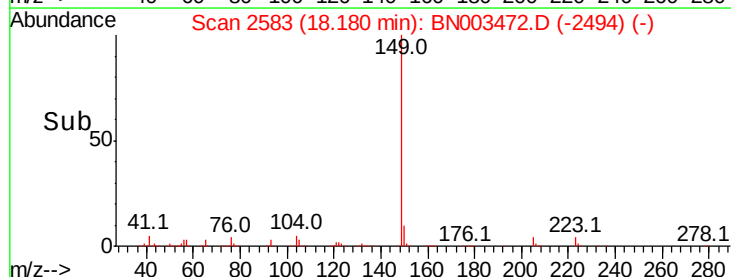
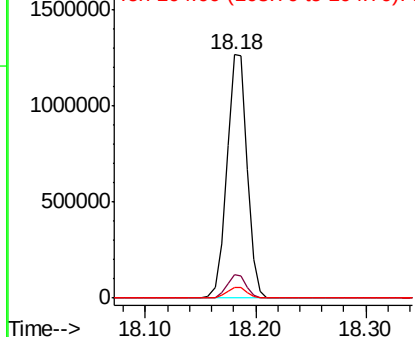


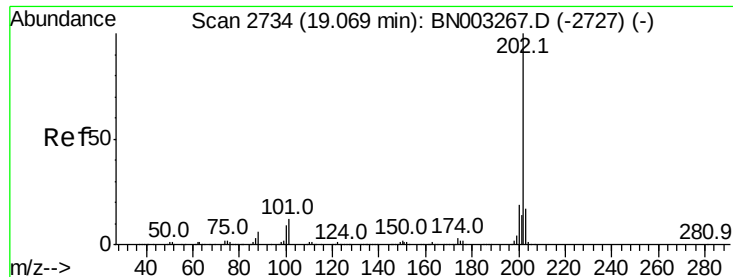
#74
 Di-n-butylphthalate
 Concen: 39.191 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN003472.D
 Acq: 09 Nov 2018 15:15

Tgt Ion:149 Resp: 1612786
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 4.5 3.6 5.4



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





#75

Fluoranthene

Concen: 39.759 ng

RT: 19.29 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

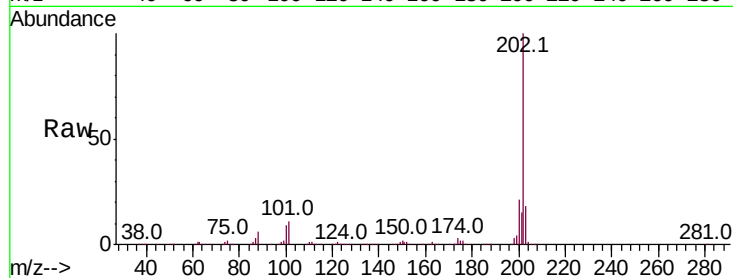
Tot Ion:202 Resp: 1599096

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.3

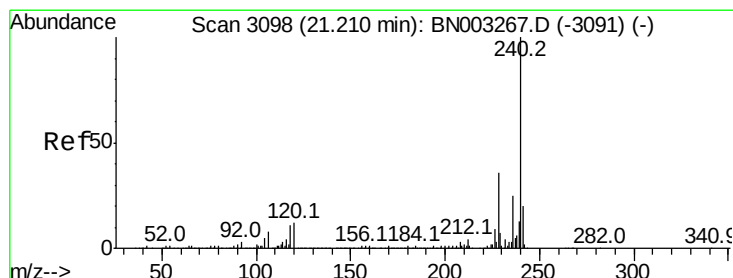
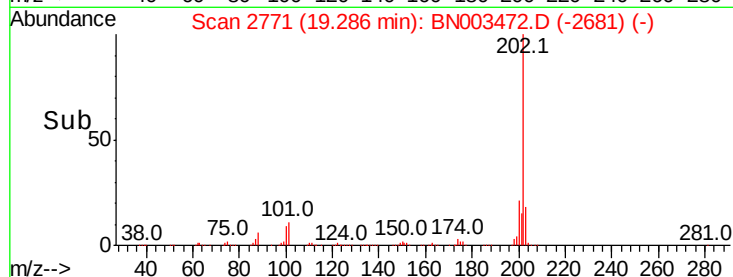
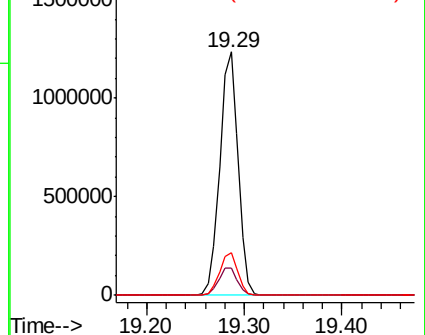
203 17.5 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.41 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

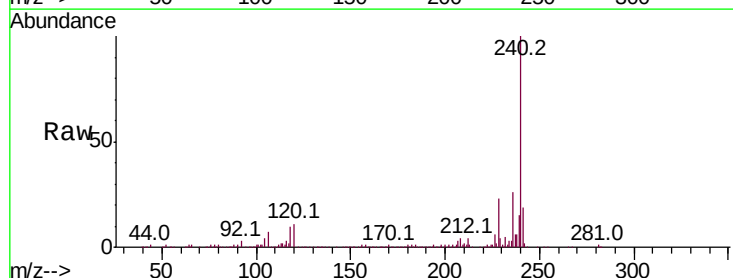
Tgt Ion:240 Resp: 562999

Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.0

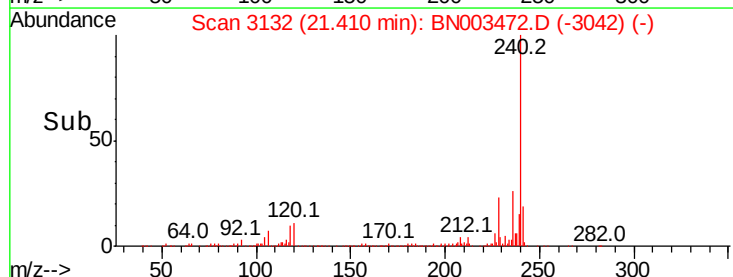
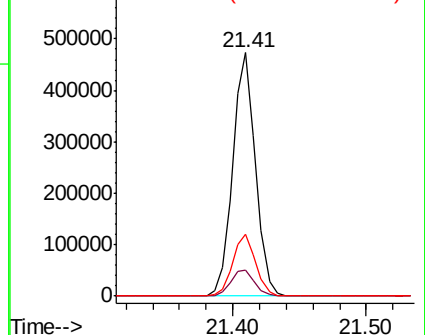
236 25.5 20.3 30.5

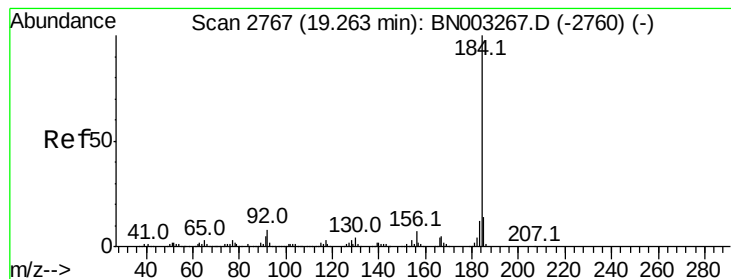


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.502 ng

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

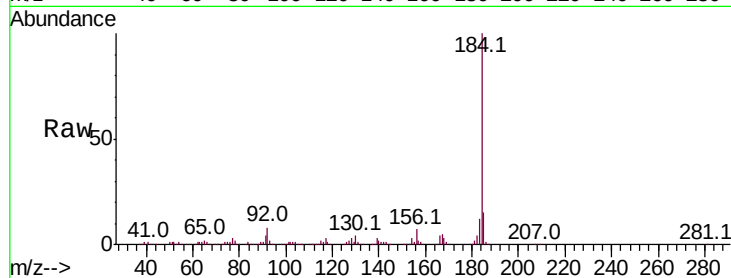
Tot Ion:184 Resp: 865341

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

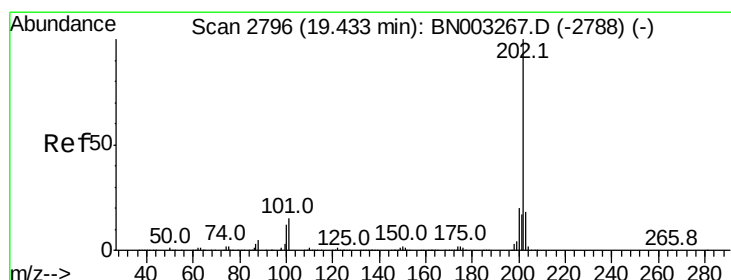
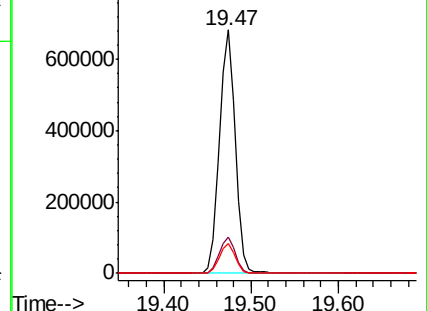
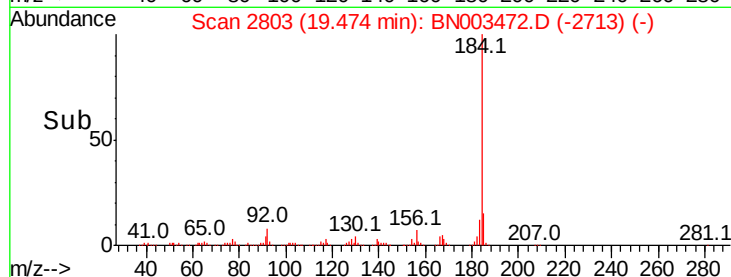
183 12.3 9.4 14.0



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: 47.683 ng

RT: 19.65 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

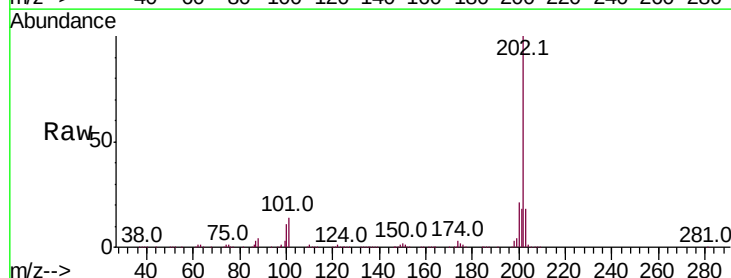
Tgt Ion:202 Resp: 1577799

Ion Ratio Lower Upper

202 100

200 21.4 16.2 24.4

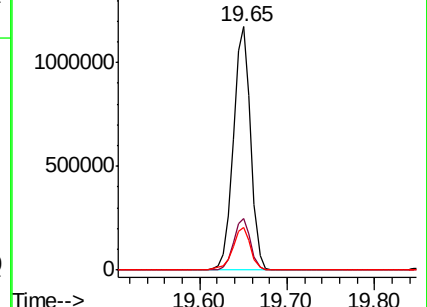
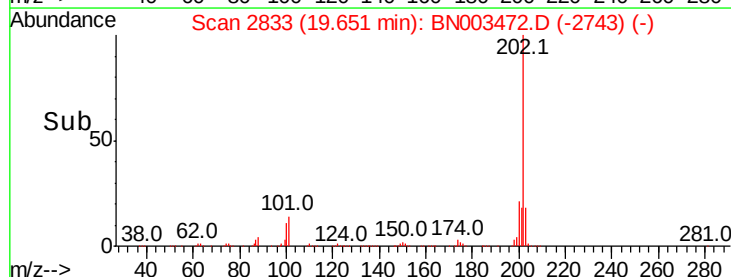
203 17.7 14.3 21.5

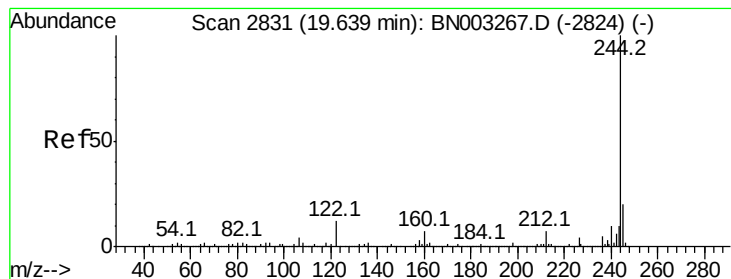


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.436 ng

RT: 19.85 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

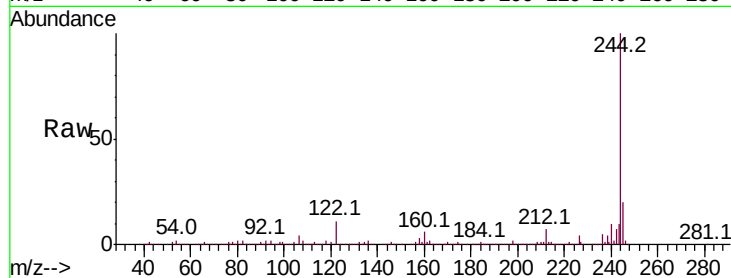
Tot Ion:244 Resp: 2301854

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

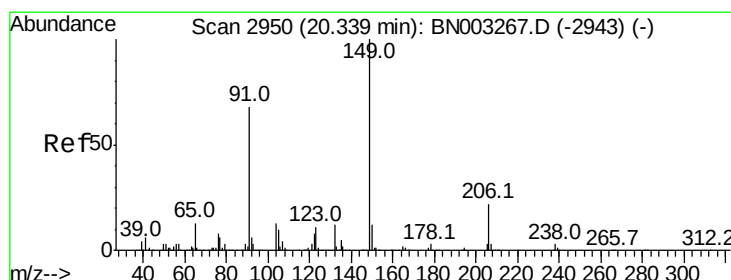
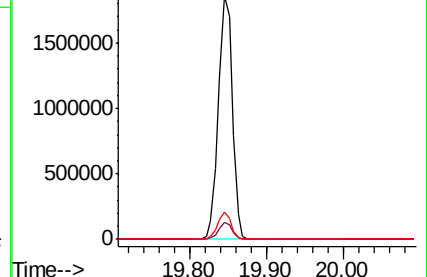
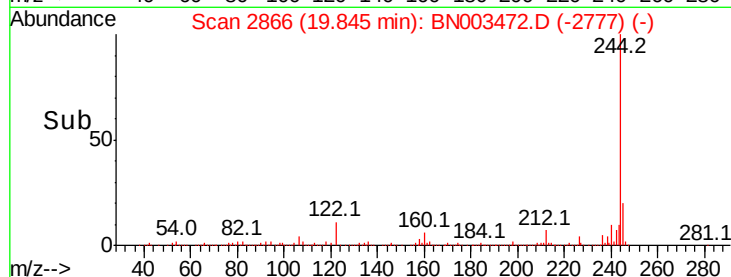
122 11.0 9.4 14.2



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: 43.057 ng

RT: 20.54 min Scan# 2984

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

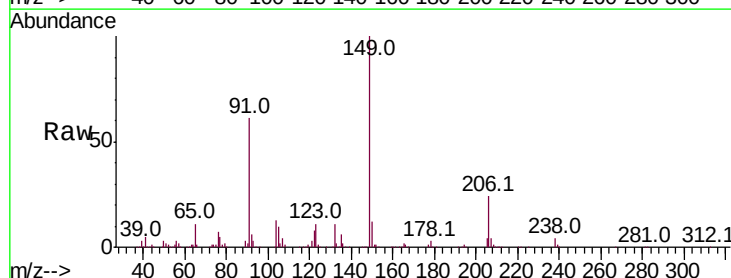
Tgt Ion:149 Resp: 661543

Ion Ratio Lower Upper

149 100

91 61.5 54.6 81.8

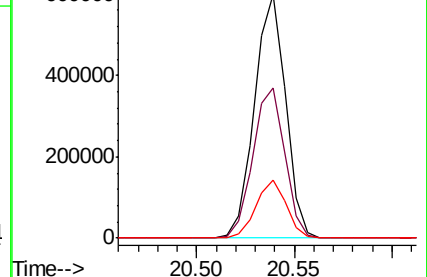
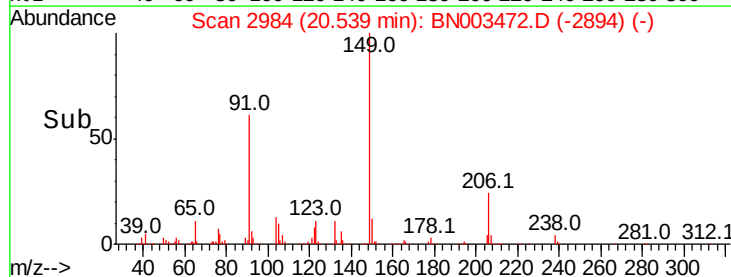
206 23.8 17.8 26.6

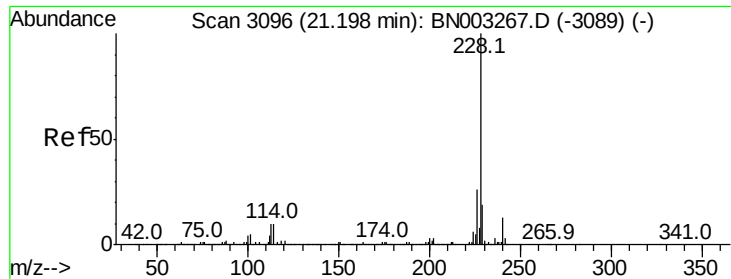


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

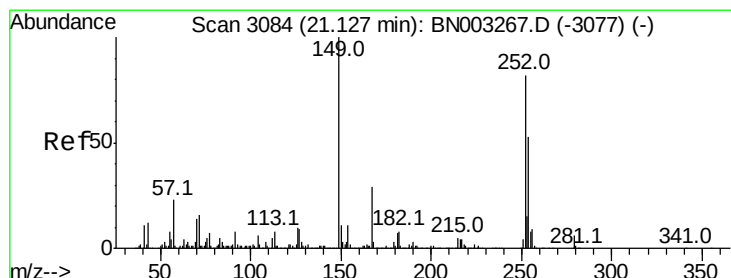
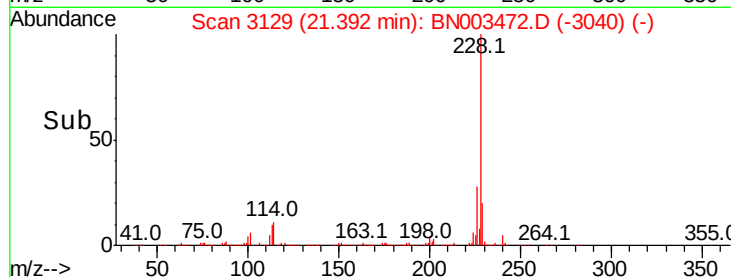
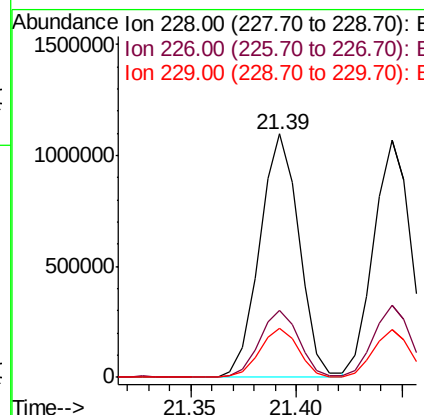
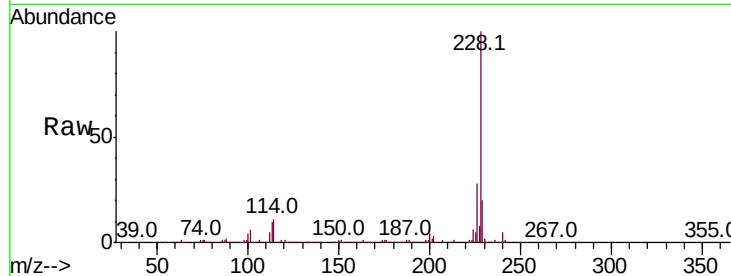




#81
Benzo(a)anthracene
Concen: 43.541 ng
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

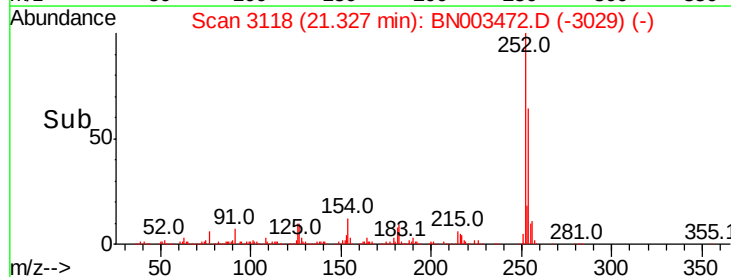
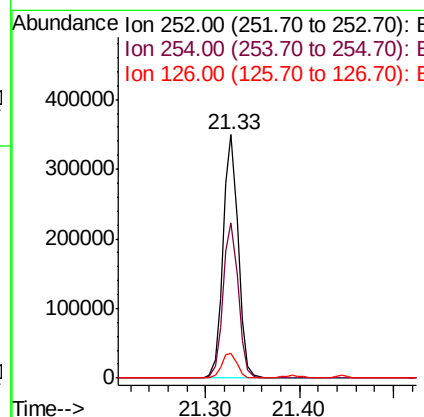
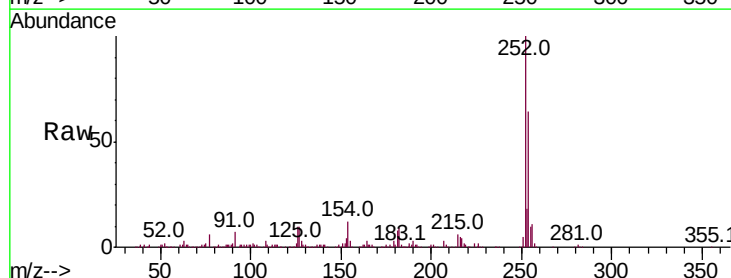
Instrument :
BNA_N
ClientSampled :
PB114663BS

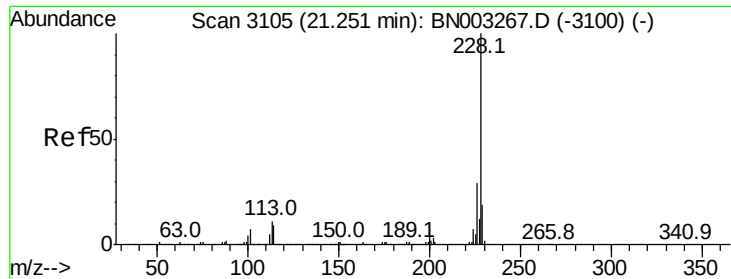
Tot Ion:228 Resp: 1427573
Ion Ratio Lower Upper
228 100
226 27.5 20.8 31.2
229 20.1 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 29.048 ng
RT: 21.33 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Tgt Ion:252 Resp: 394123
Ion Ratio Lower Upper
252 100
254 64.0 51.1 76.7
126 10.1 9.3 13.9





#83

Chrysene

Concen: 41.644 ng

RT: 21.44 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

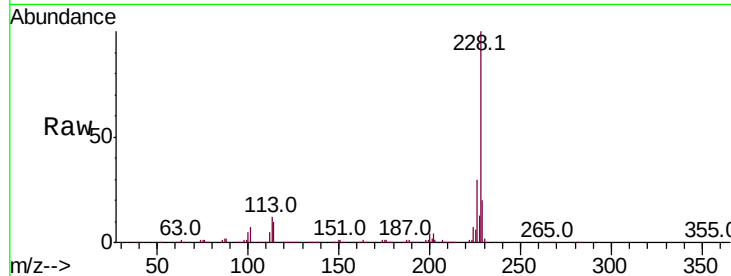
Tot Ion:228 Resp: 1312516

Ion Ratio Lower Upper

228 100

226 30.3 23.3 34.9

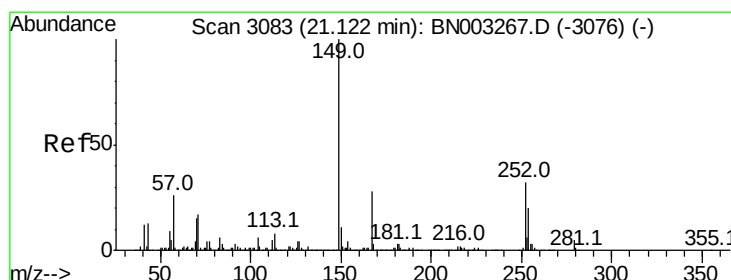
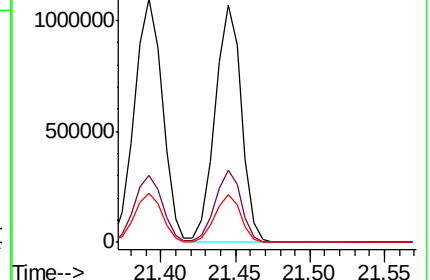
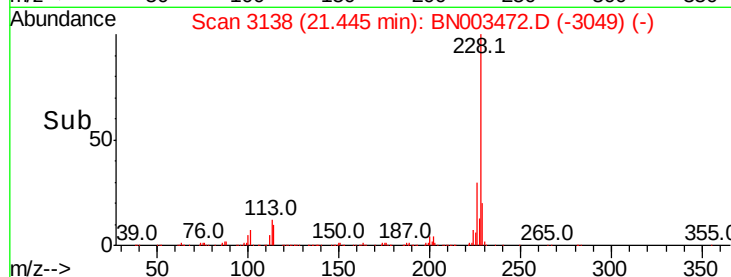
229 19.9 15.3 22.9



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: 41.371 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

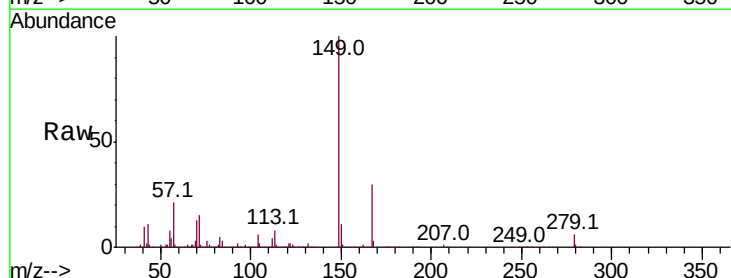
Tgt Ion:149 Resp: 942661

Ion Ratio Lower Upper

149 100

167 29.6 22.6 33.8

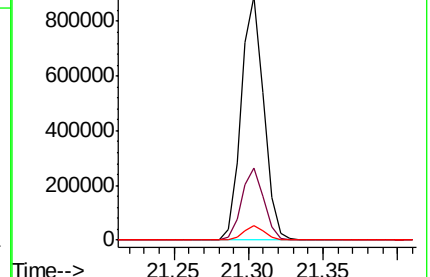
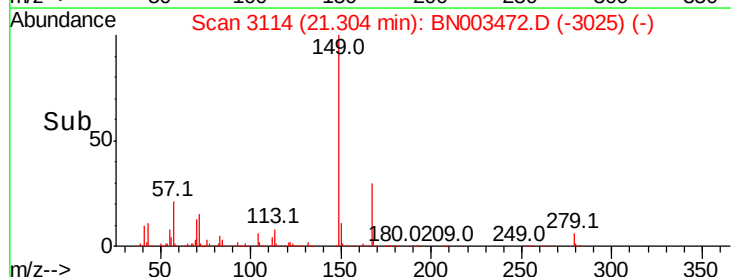
279 5.7 3.8 5.8

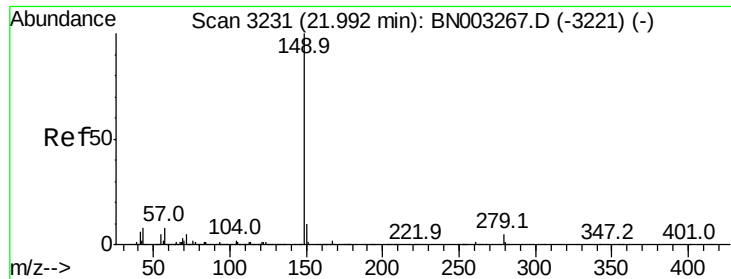


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.465 ng

RT: 22.20 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

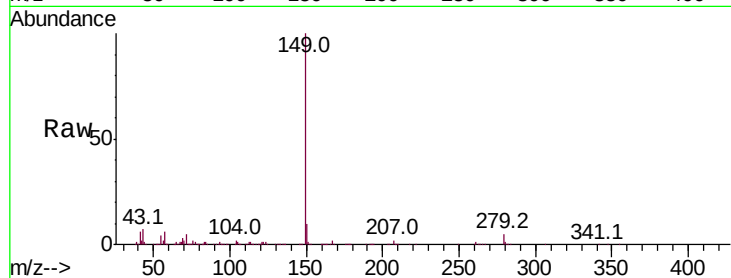
Tot Ion:149 Resp: 1503968

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

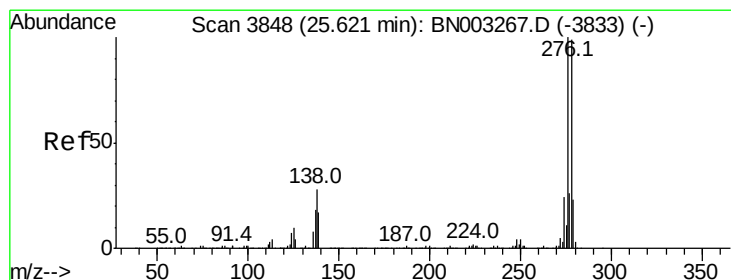
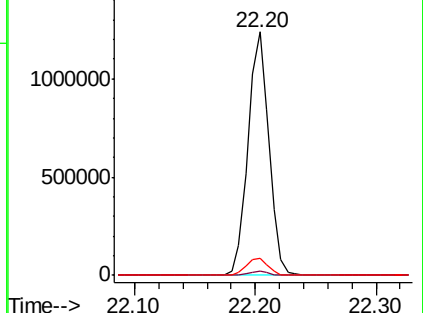
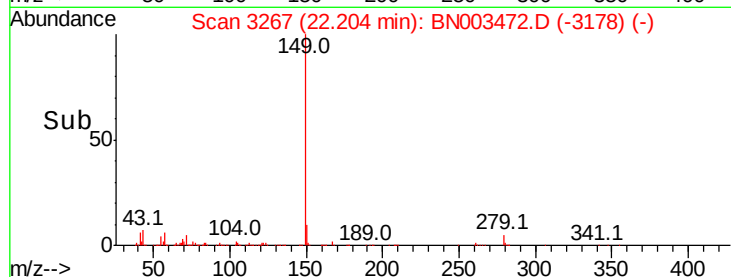
43 7.5 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNO



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.718 ng

RT: 26.09 min Scan# 3928

Delta R.T. 0.00 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

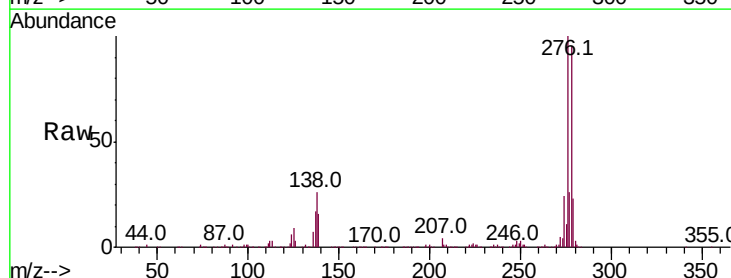
Tgt Ion:276 Resp: 1651395

Ion Ratio Lower Upper

276 100

138 25.1 21.2 31.8

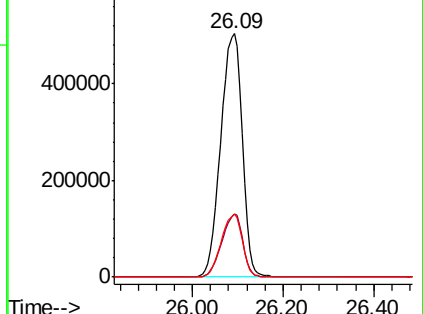
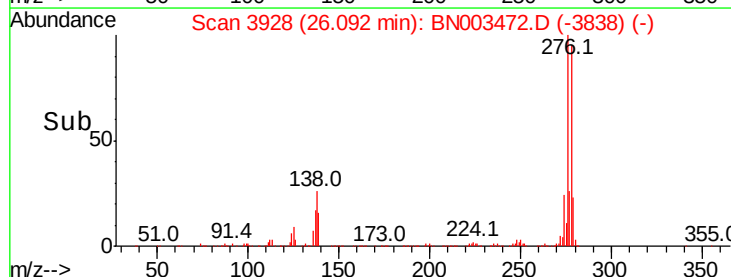
277 25.4 20.2 30.4

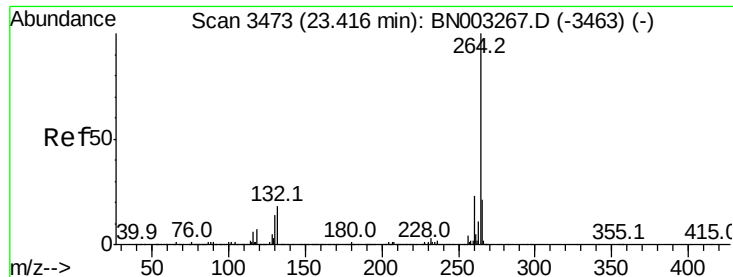


Abundance Ion 276.00 (275.70 to 276.70): E

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: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

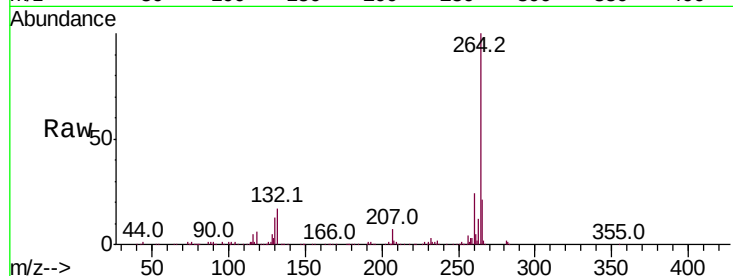
Tot Ion:264 Resp: 558728

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 21.3 16.6 25.0

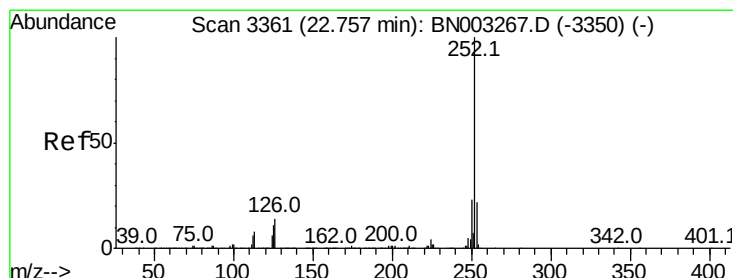
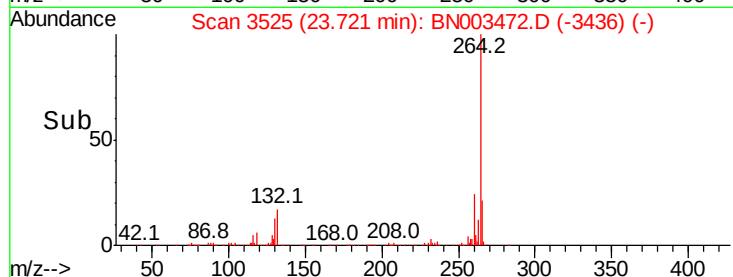
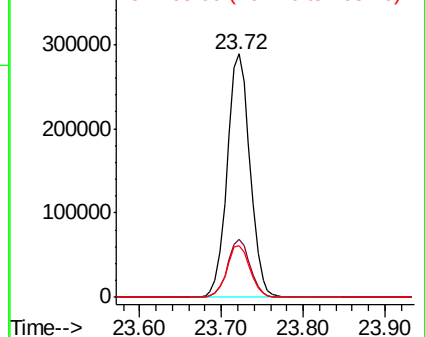


Abundance

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: 45.350 ng

RT: 23.02 min Scan# 3406

Delta R.T. -0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

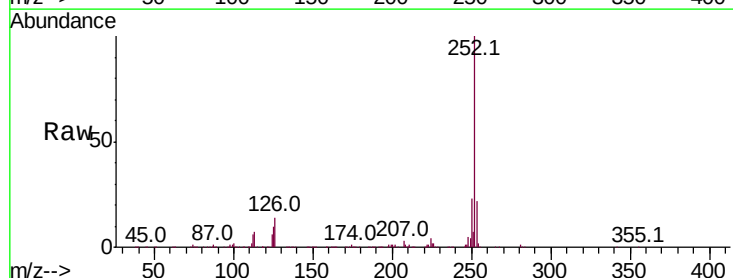
Tgt Ion:252 Resp: 1395130

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.4 8.6 12.8

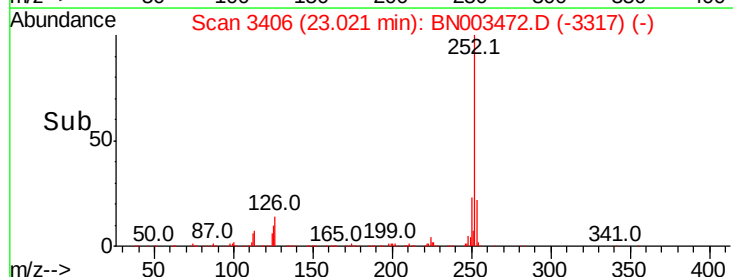
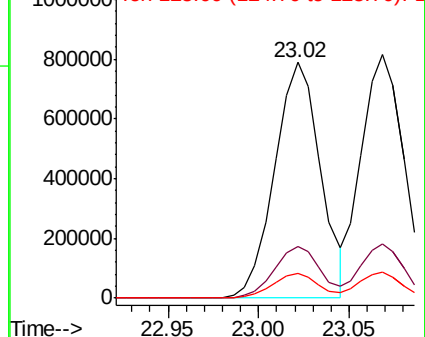


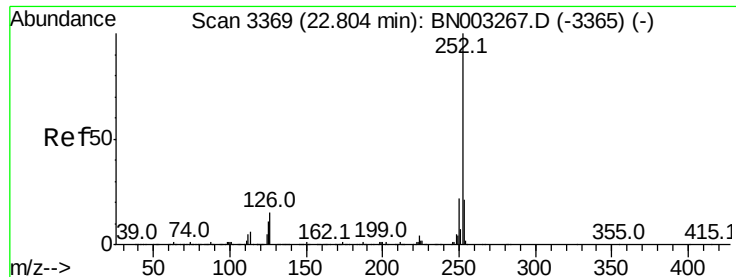
Abundance

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

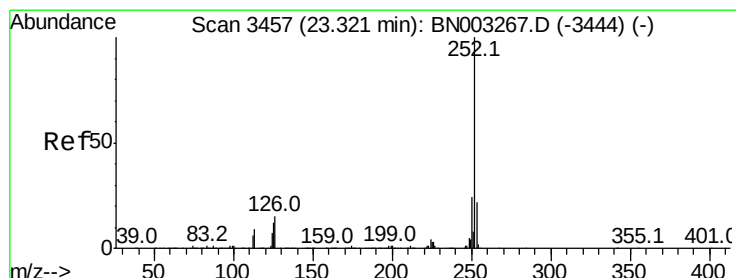
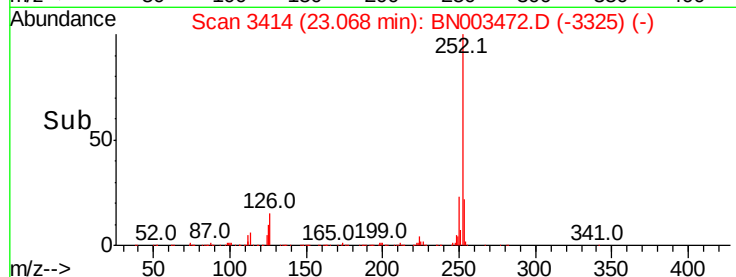
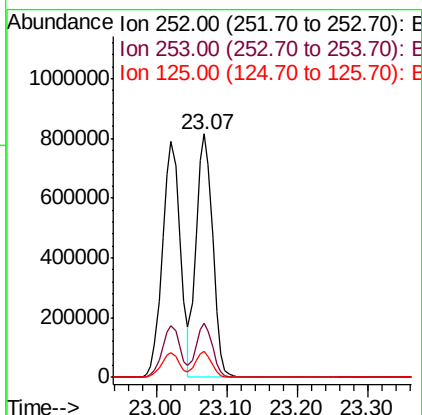
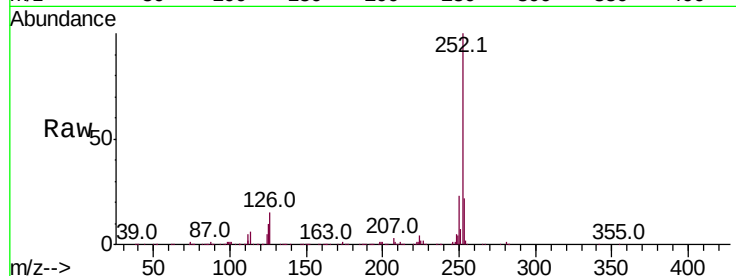




#89
Benzo(k)fluoranthene
Concen: 44.327 ng
RT: 23.07 min Scan# 3414
Delta R.T. -0.01 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

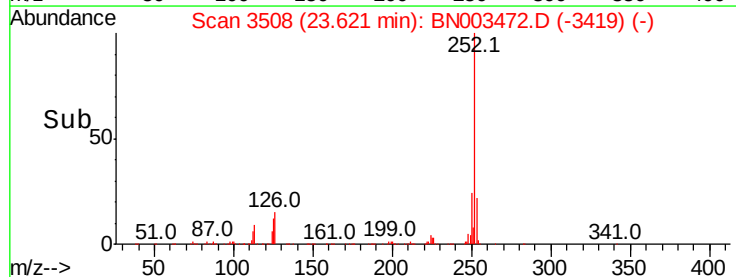
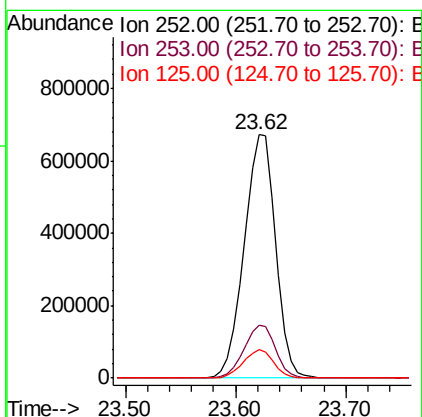
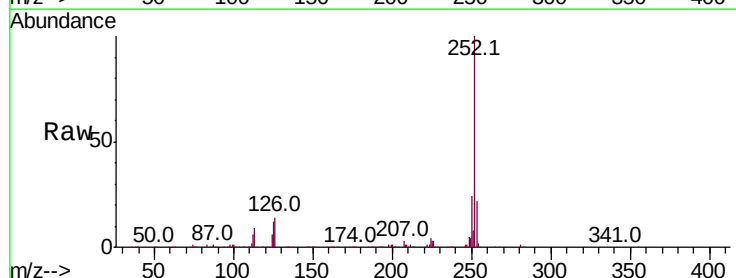
Instrument :
BNA_N
ClientSampleId :
PB114663BS

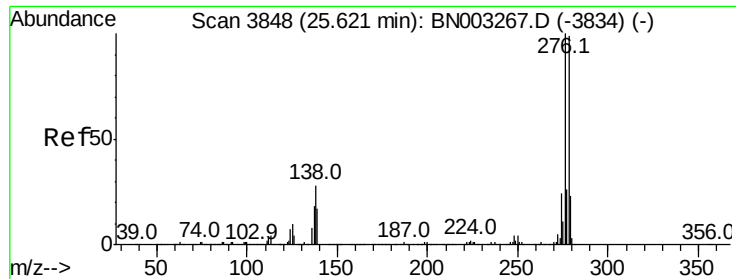
Tot Ion:252 Resp: 1337437
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 10.4 8.7 13.1



#90
Benzo(a)pyrene
Concen: 45.864 ng
RT: 23.62 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BN003472.D
Acq: 09 Nov 2018 15:15

Tgt Ion:252 Resp: 1344700
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.6 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 47.474 ng

RT: 26.10 min Scan# 3929

Delta R.T. -0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

Instrument :

BNA_N

ClientSampleId :

PB114663BS

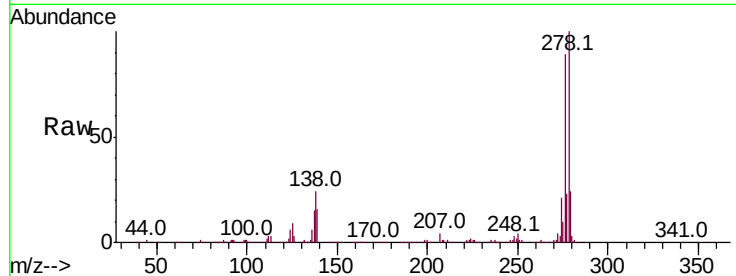
Tot Ion:278 Resp: 1377689

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.9	20.9
279	23.7	19.0	28.6

278 100

139 16.3 13.9 20.9

279 23.7 19.0 28.6

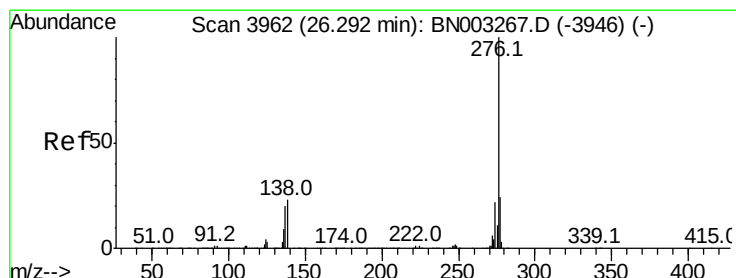
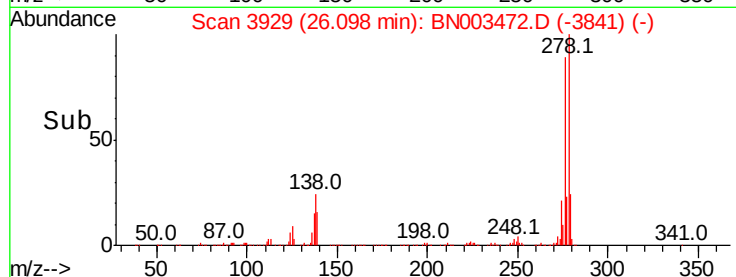
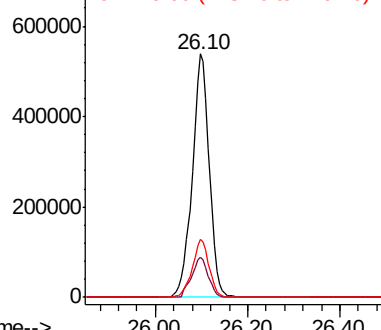


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.975 ng

RT: 26.82 min Scan# 4051

Delta R.T. -0.01 min

Lab File: BN003472.D

Acq: 09 Nov 2018 15:15

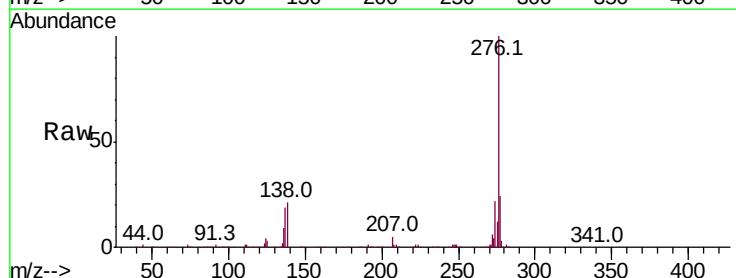
Tgt Ion:276 Resp: 1364430

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	21.3	18.2	27.4

276 100

277 23.6 19.1 28.7

138 21.3 18.2 27.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

