

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072618\
 Data File : BN002172.D
 Acq On : 26 Jul 2018 13:46
 Operator : JU/SJ
 Sample : J4086-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 27 01:20:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 26 18:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	174558	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	713669	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	369796	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	713884	20.00	ng	0.00
75) Chrysene-d12	21.28	240	620089	20.00	ng	0.00
86) Perylene-d12	23.51	264	627893	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	926582	85.46	ng	0.00
7) Phenol-d6	6.87	99	1340950	88.13	ng	0.00
23) Nitrobenzene-d5	8.84	82	843980	60.65	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	499452	104.01	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	1918467	67.57	ng	0.00
78) Terphenyl-d14	19.71	244	2508607	84.38	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.90	93	44225	2.379	ng	# 1
8) 2-Chlorophenol	7.26	128	1966979	156.425	ng	93
10) Phenol	6.90	94	2087988	133.873	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	46317	3.649	ng	# 1
12) 1,3-Dichlorobenzene	7.73	146	547985	38.239	ng	98
13) 1,4-Dichlorobenzene	7.73	146	547985	37.379	ng	95
14) 1,2-Dichlorobenzene	8.04	146	519992	36.767	ng	98
15) Benzyl Alcohol	8.14	79	879297	76.583	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	8.22	45	1634420	79.731	ng	94
17) 2-Methylphenol	8.14	107	1866964	175.337	ng	95
18) Hexachloroethane	8.76	117	396700	73.936	ng	92
19) n-Nitroso-di-n-propylamine	8.50	70	1145911	103.829	ng	# 95
20) 3+4-Methylphenols	8.14	107	1866964	125.669	ng	# 69
25) Isophorone	9.40	82	3812181	159.541	ng	95
26) 2-Nitrophenol	9.59	139	289318	41.527	ng	98
28) bis(2-Chloroethoxy)methane	9.59	93	33310	2.158	ng	# 63
29) 2,4-Dichlorophenol	10.12	162	1337841	118.408	ng	94
31) Naphthalene	10.52	128	1465588	40.691	ng	98
32) Benzoic acid	9.59	122	19348	2.354	ng	# 1
33) 4-Chloroaniline	10.52	127	194753	12.152	ng	# 33
34) Hexachlorobutadiene	10.80	225	515492	65.786	ng	97
42) 2,4,6-Trichlorophenol	12.75	196	1190146	142.657	ng	97
43) 2,4,5-Trichlorophenol	12.82	196	882832	99.898	ng	99
46) 2-Chloronaphthalene	13.20	162	4156749	165.491	ng	98
48) Acenaphthylene	14.05	152	5975602	156.776	ng	98
49) Dimethylphthalate	13.79	163	1115262	36.307	ng	100
50) 2,6-Dinitrotoluene	13.91	165	1057634	154.978	ng	95
51) Acenaphthene	14.39	154	3889098	169.391	ng	98
54) Dibenzofuran	14.73	168	6794089	182.518	ng	95
55) 4-Nitrophenol	14.73	139	2651633	467.101	ng	# 1
56) 2,4-Dinitrotoluene	14.32	165	46943	5.068	ng	# 18
57) Fluorene	15.38	166	5417142	193.077	ng	97
59) Diethylphthalate	15.16	149	5531167	176.911	ng	99
61) 4-Nitroaniline	15.38	138	61874	8.209	ng	# 15

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

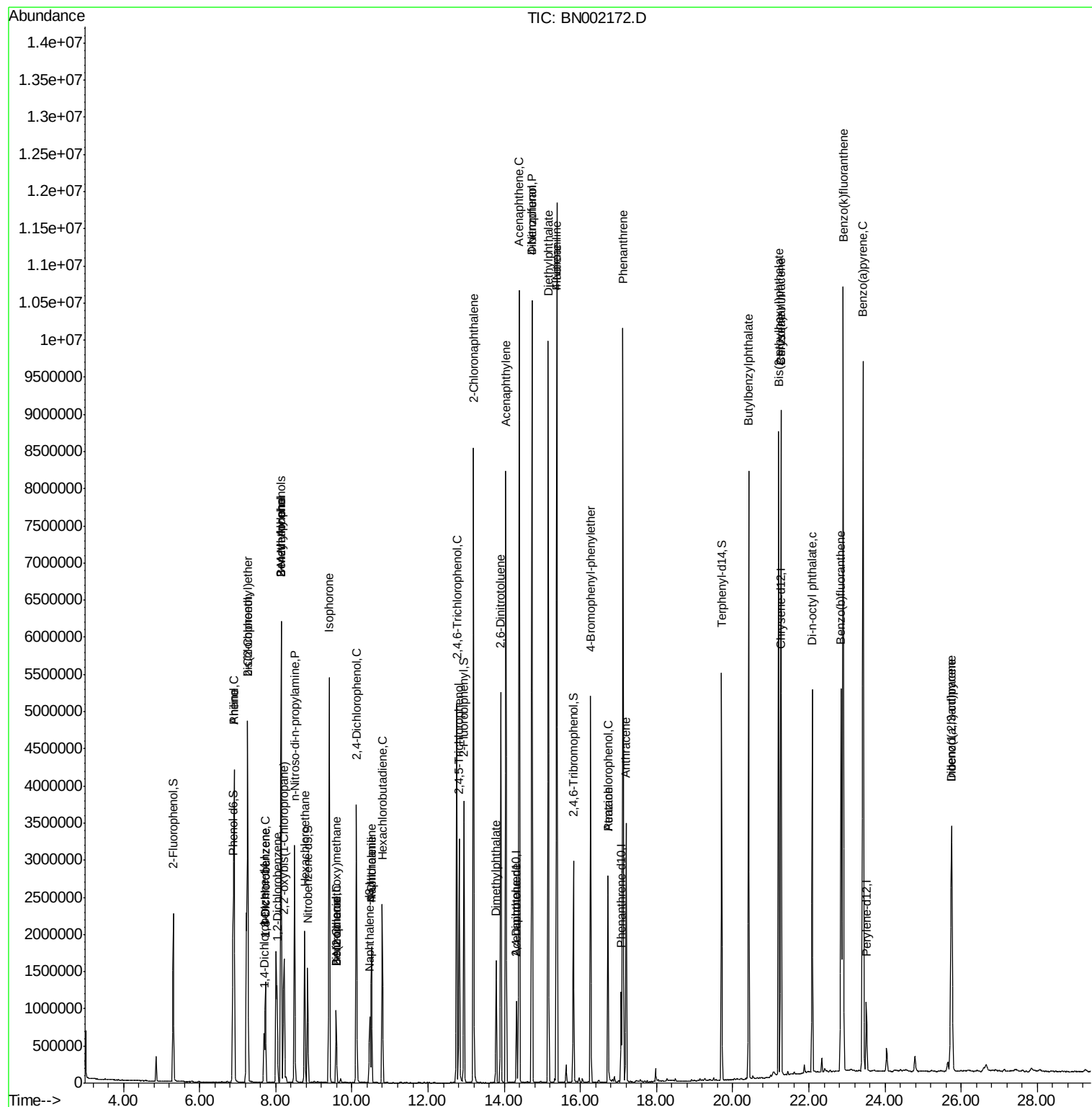
66) 4-Bromophenyl-phenylether	16.27	248	959158	114.771	nq	92
68) Atrazine	16.73	200	95617	11.989	nq #	35
69) Pentachlorophenol	16.73	266	468501	78.737	nq	100
70) Phenanthrene	17.12	178	5990704	153.739	nq	100
71) Anthracene	17.20	178	2106744	54.623	nq	97
79) Butylbenzylphthalate	20.42	149	2363998	126.997	nq	94
80) Benzo(a)anthracene	21.26	228	4720609	124.903	nq	99
82) Chrysene	21.26	228	4720609	131.183	nq	95
83) Bis(2-ethylhexyl)phthalate	21.20	149	2794601	107.659	nq	97
84) Di-n-octyl phthalate	22.09	149	3307418	80.359	nq	98
85) Indeno(1,2,3-cd)pyrene	25.74	276	2063061	58.804	nq #	92
87) Benzo(b)fluoranthene	22.84	252	3562695	96.142	nq	98
88) Benzo(k)fluoranthene	22.90	252	7370718	201.965	nq #	97
89) Benzo(a)pyrene	23.43	252	7291794	210.698	nq #	97
90) Dibenzo(a,h)anthracene	25.76	278	2250826	69.273	nq #	96

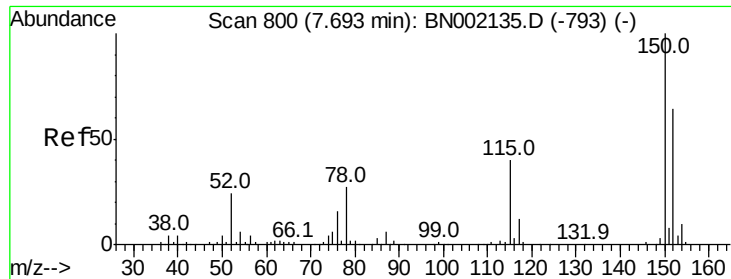
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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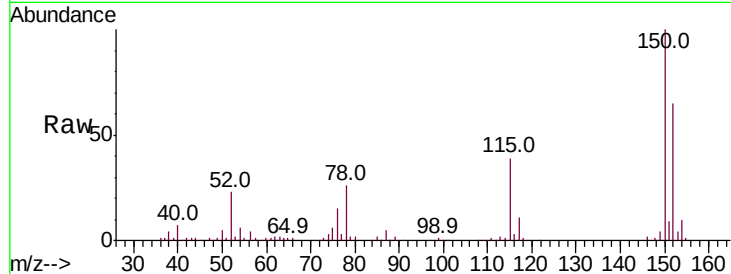


#1

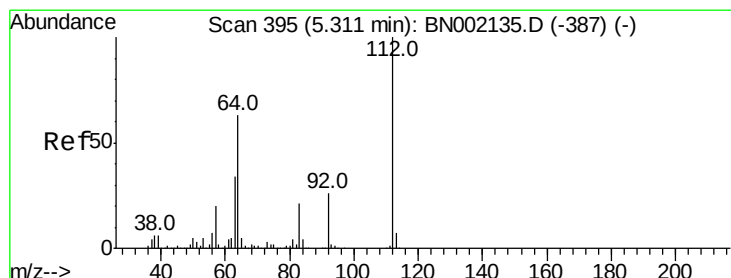
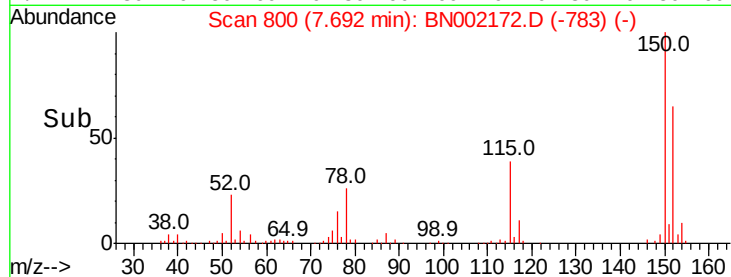
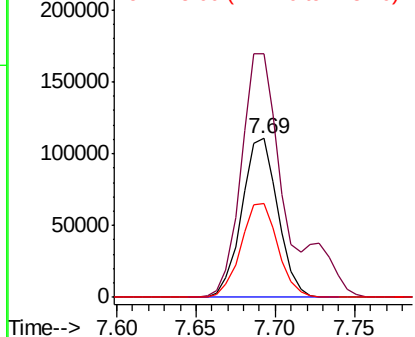
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. -0.00 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 174558
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 59.3 53.0 79.4



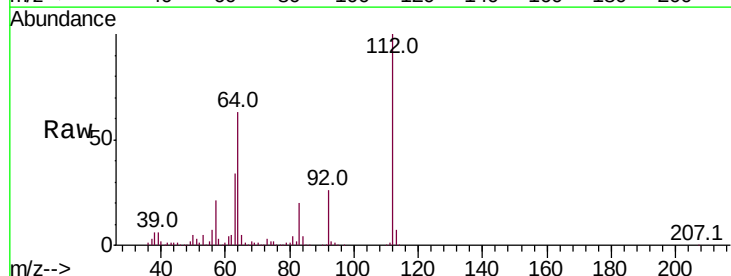
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



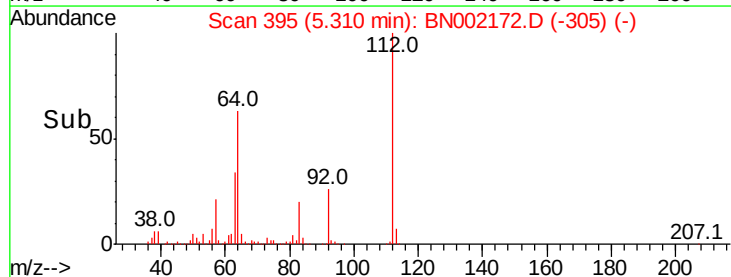
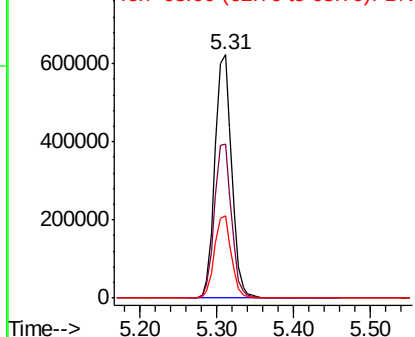
#5

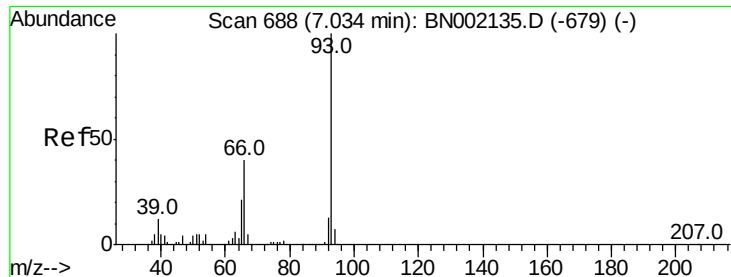
2-Fluorophenol
Concen: 85.458 ng
RT: 5.31 min Scan# 395
Delta R.T. 0.00 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Tgt Ion:112 Resp: 926582
Ion Ratio Lower Upper
112 100
64 63.3 56.3 84.5
63 33.6 30.1 45.1



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: 2.379 ng

RT: 6.90 min Scan# 666

Delta R.T. -0.13 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Instrument :

BNA_N

ClientSampleId :

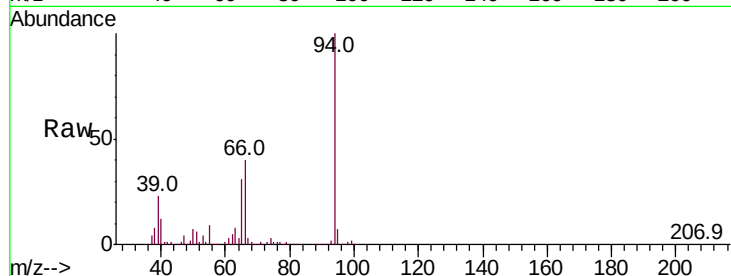
Tot Ion: 93 Resp: 44225

Ion Ratio Lower Upper

93 100

66 1810.1 33.7 50.5#

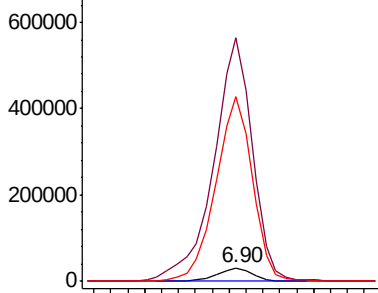
65 1372.9 16.1 24.1#



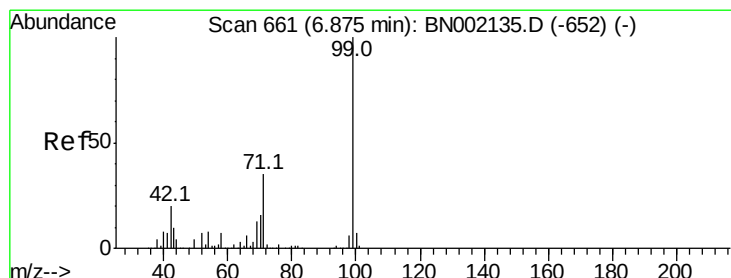
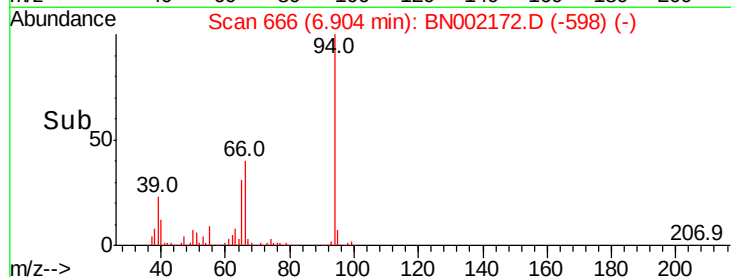
Abundance Ion 93.00 (92.70 to 93.70): BN002172.D (-598) (-)

Ion 66.00 (65.70 to 66.70): BN002172.D (-598) (-)

Ion 65.00 (64.70 to 65.70): BN002172.D (-598) (-)



Time-->



#7

Phenol-d6

Concen: 88.130 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.00 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

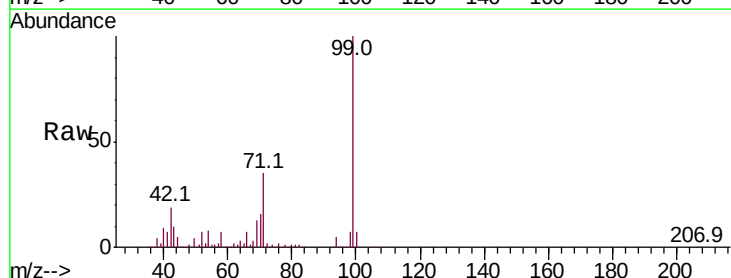
Tgt Ion: 99 Resp: 1340950

Ion Ratio Lower Upper

99 100

42 19.4 14.1 21.1

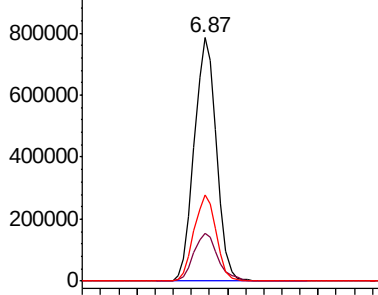
71 35.4 26.1 39.1



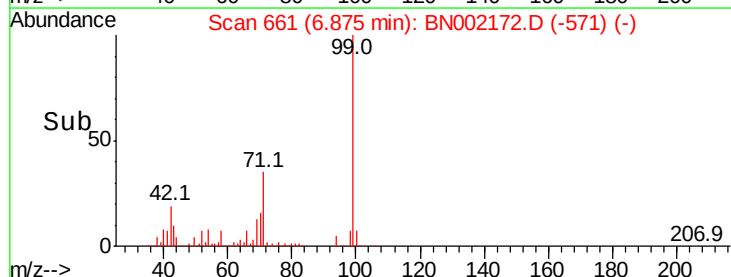
Abundance Ion 99.00 (98.70 to 99.70): BN002172.D (-571) (-)

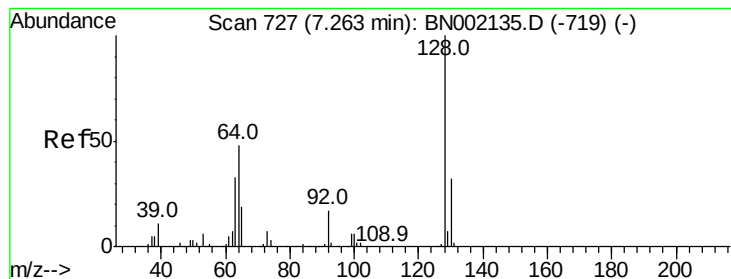
Ion 42.00 (41.70 to 42.70): BN002172.D (-571) (-)

Ion 71.00 (70.70 to 71.70): BN002172.D (-571) (-)



Time-->





#8

2-Chlorophenol

Concen: 156.425 ng

RT: 7.26 min Scan# 727

Delta R.T. -0.00 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Instrument :

BNA_N

ClientSampleId :

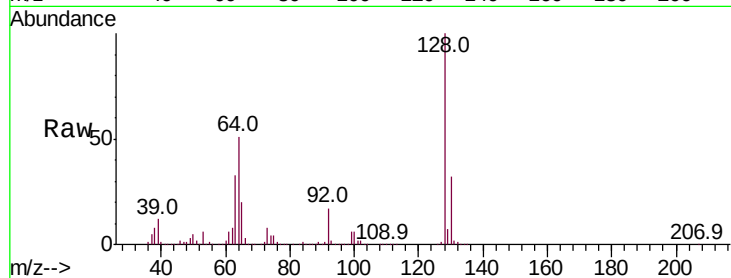
Tot Ion:128 Resp: 1966979

Ion Ratio Lower Upper

128 100

130 32.3 14.0 54.0

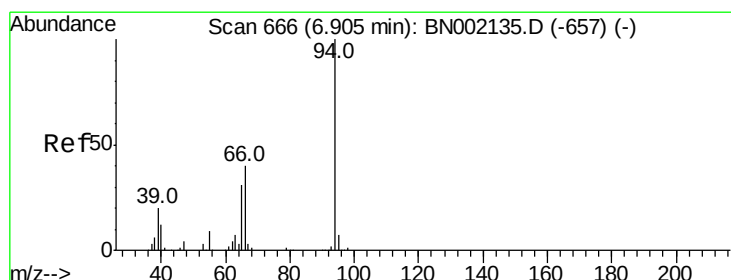
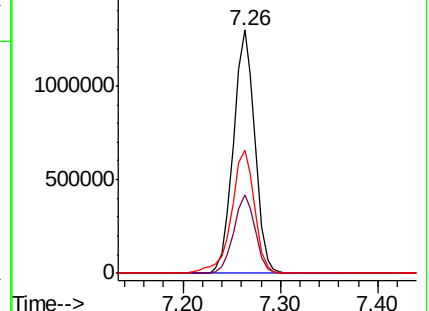
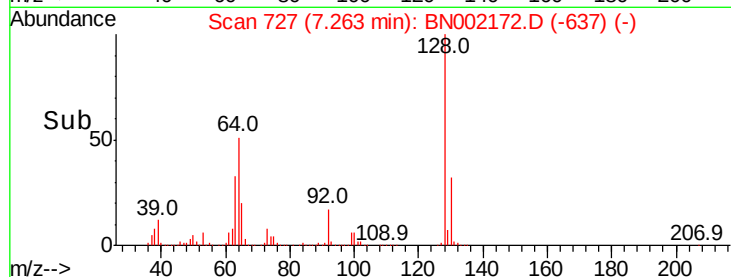
64 50.6 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BNC



#10

Phenol

Concen: 133.873 ng

RT: 6.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

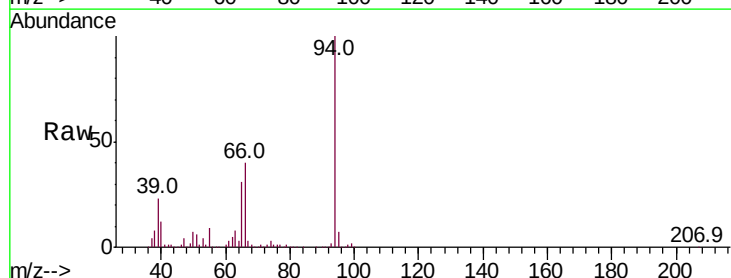
Tgt Ion: 94 Resp: 2087988

Ion Ratio Lower Upper

94 100

65 30.7 11.9 51.9

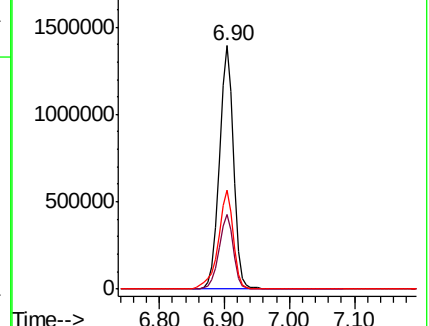
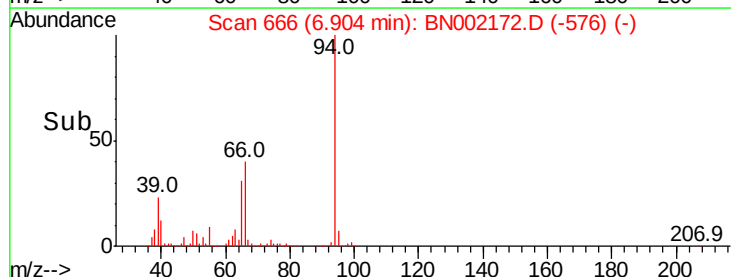
66 40.5 22.2 62.2

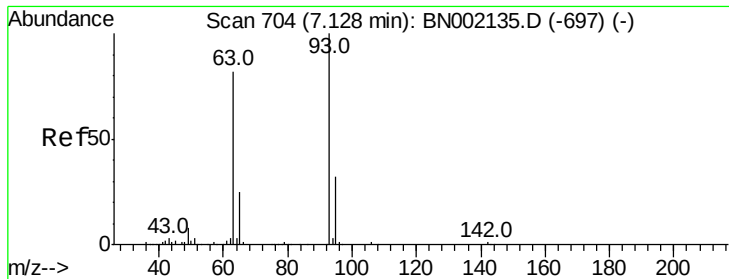


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC





#11

bis(2-Chloroethyl)ether

Concen: 3.649 ng

RT: 7.26 min Scan# 727

Delta R.T. 0.14 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Instrument :

BNA_N

ClientSampled :

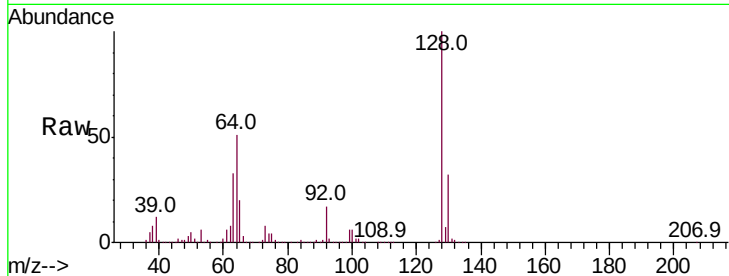
Tot Ion: 93 Resp: 46317

Ion Ratio Lower Upper

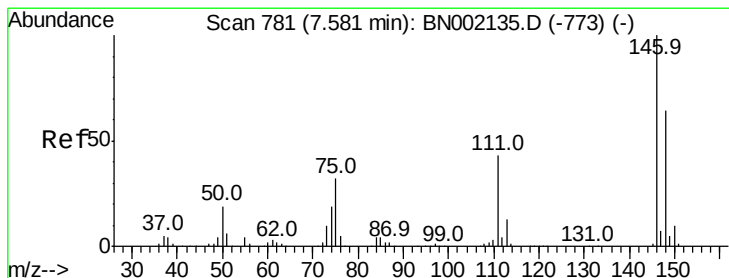
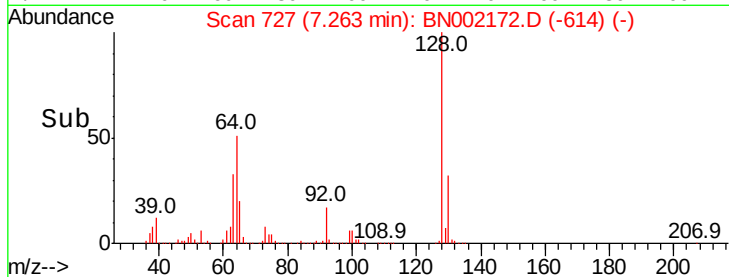
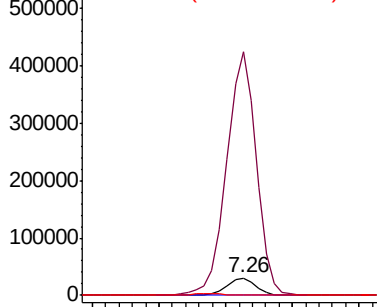
93 100

63 1429.1 67.1 107.1#

95 3.8 11.5 51.5#



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0



#12

1,3-Dichlorobenzene

Concen: 38.239 ng

RT: 7.73 min Scan# 806

Delta R.T. 0.15 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

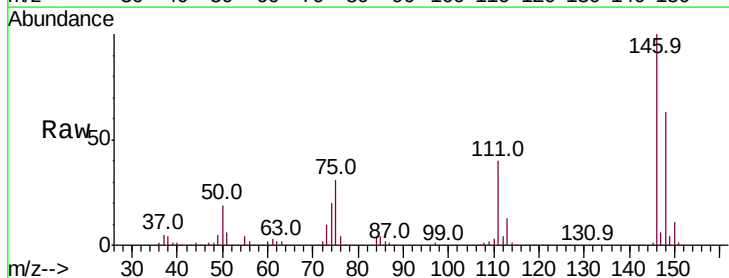
Tgt Ion:146 Resp: 547985

Ion Ratio Lower Upper

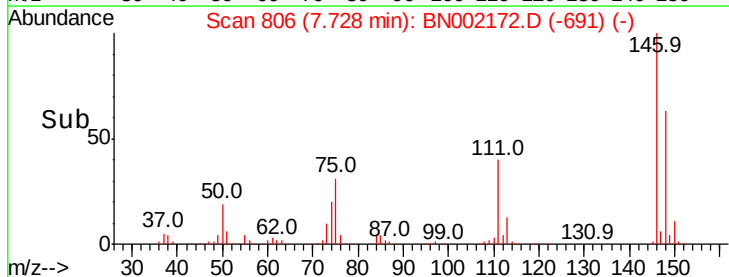
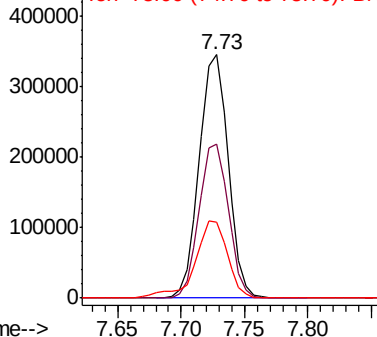
146 100

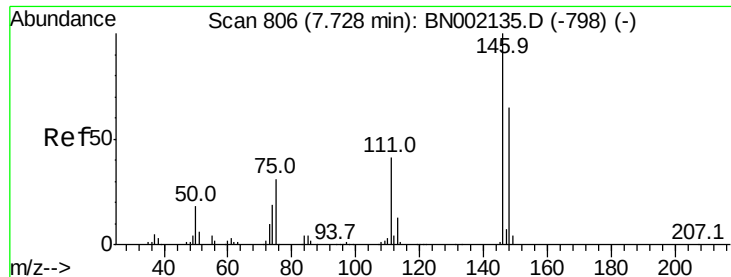
148 63.4 51.4 77.2

75 31.3 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BN0

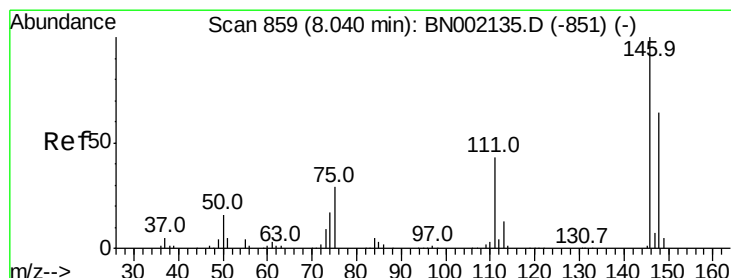
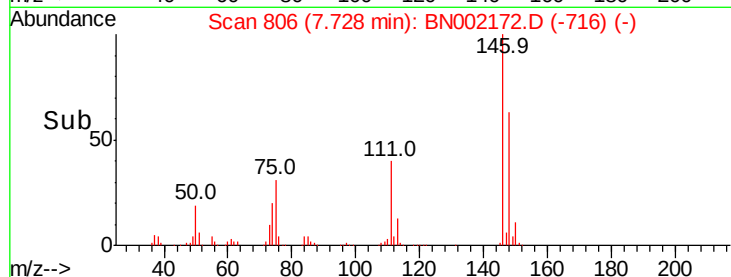
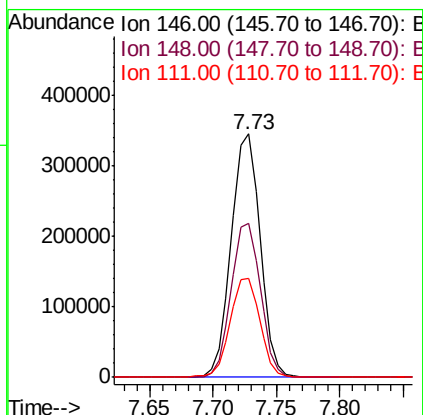
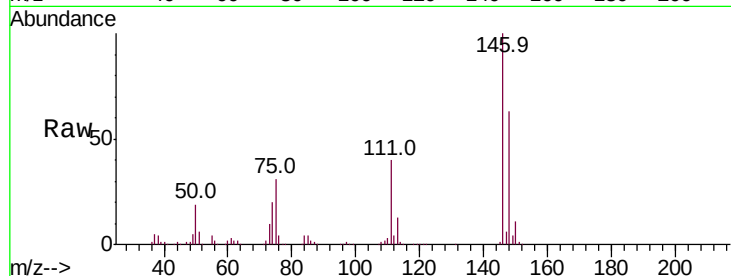




#13
 1,4-Dichlorobenzene
 Concen: 37.379 ng
 RT: 7.73 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BN002172.D
 Acq: 26 Jul 2018 13:46

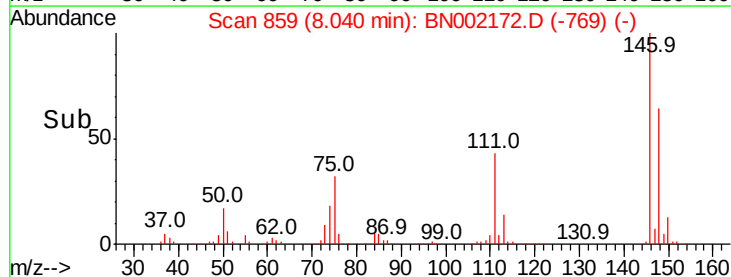
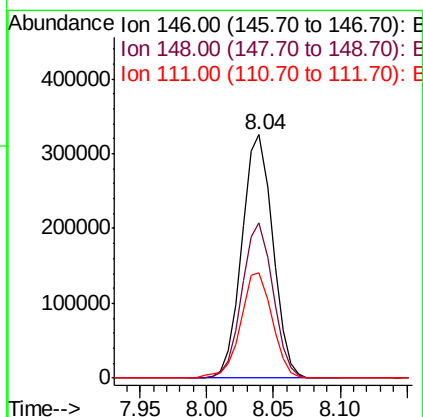
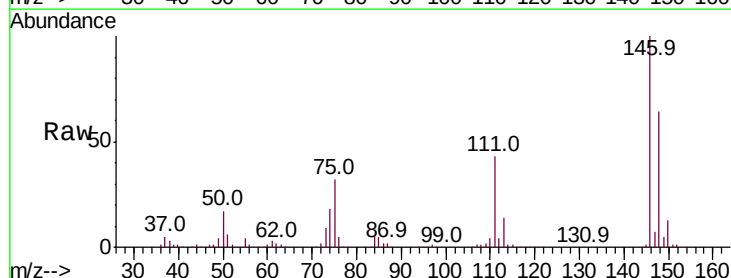
Instrument :
 BNA_N
 ClientSampleId :

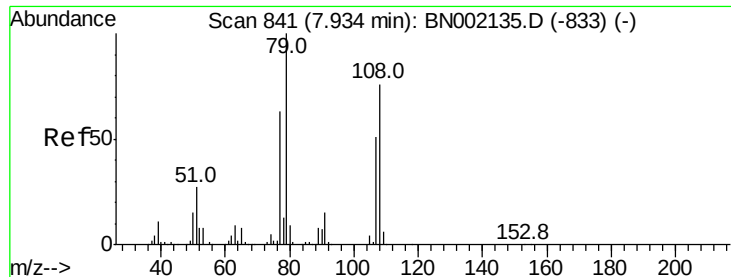
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.7	80.5
111	40.5	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 36.767 ng
 RT: 8.04 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BN002172.D
 Acq: 26 Jul 2018 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	49.3	73.9
111	43.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 76.583 ng

RT: 8.14 min Scan# 876

Delta R.T. 0.21 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Instrument :

BNA_N

ClientSampled :

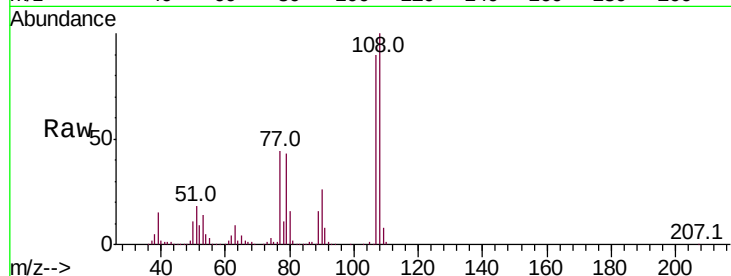
Tot Ion: 79 Resp: 879297

Ion Ratio Lower Upper

79 100

108 234.7 57.2 85.8#

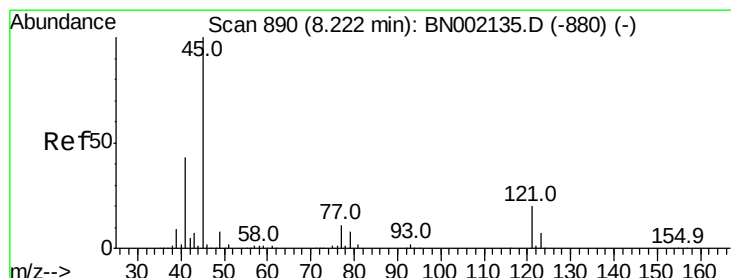
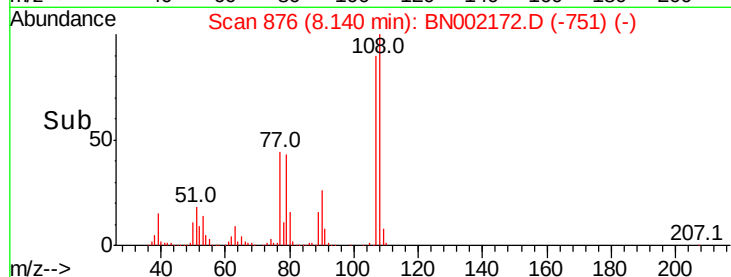
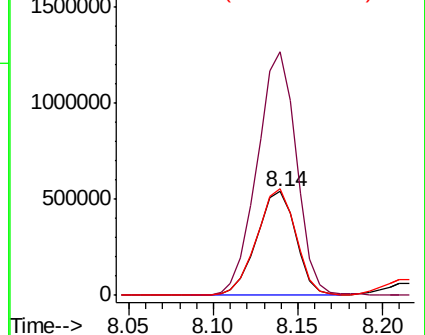
77 103.2 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BNC

Ion 108.00 (107.70 to 108.70): BNC

Ion 77.00 (76.70 to 77.70): BNC



#16

2,2'-oxybis(1-chloropropane)

Concen: 79.731 ng

RT: 8.22 min Scan# 890

Delta R.T. -0.00 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

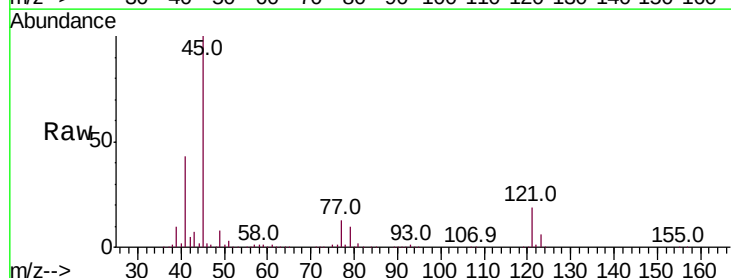
Tgt Ion: 45 Resp: 1634420

Ion Ratio Lower Upper

45 100

77 12.7 0.0 30.2

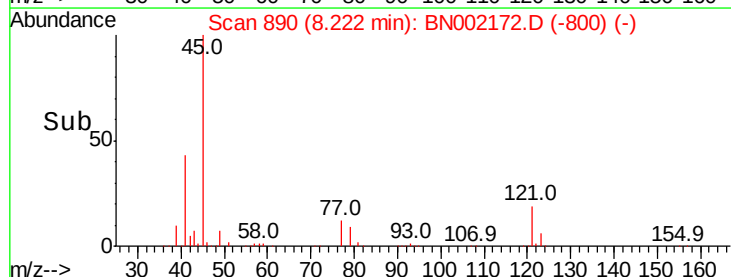
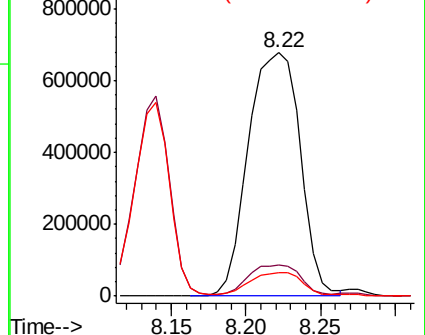
79 9.8 0.0 27.9

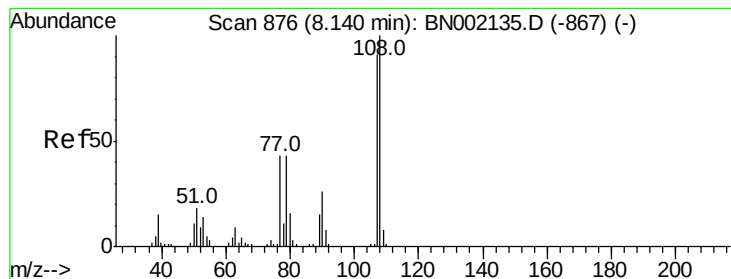


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC

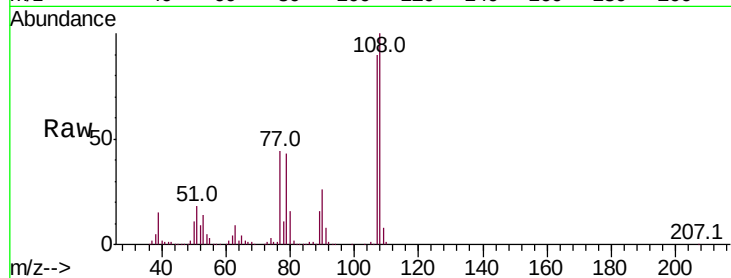




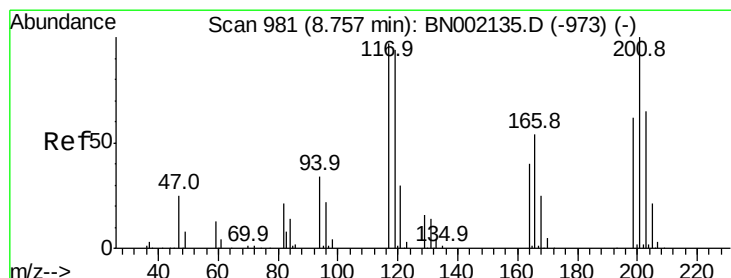
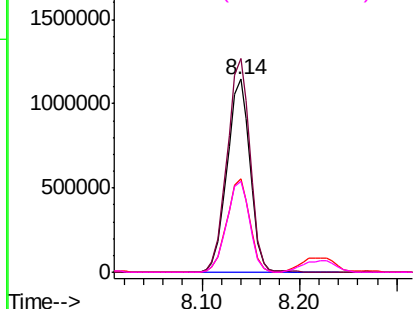
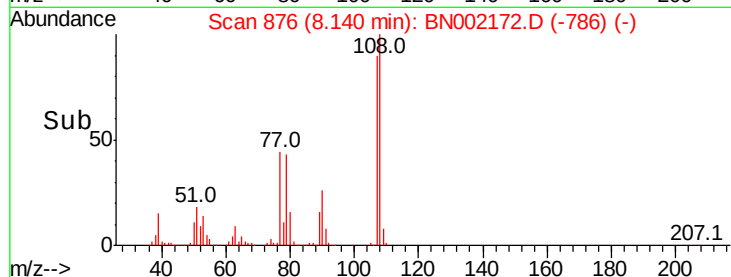
#17
2-Methylphenol
Concen: 175.337 ng
RT: 8.14 min Scan# 876
Delta R.T. -0.00 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion:107 Resp: 1866964
Ion Ratio Lower Upper
107 100
108 110.7 83.9 125.9
77 48.7 37.2 55.8
79 47.2 36.2 54.2

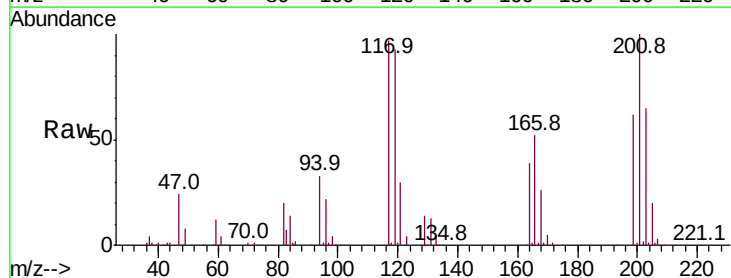


Abundance Ion 107.00 (106.70 to 107.70): E
2000000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

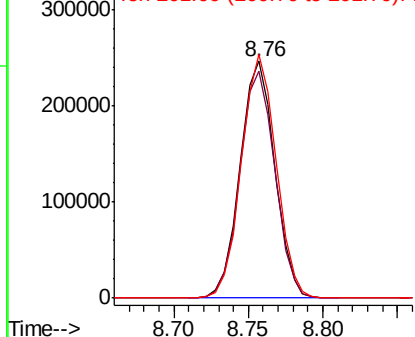
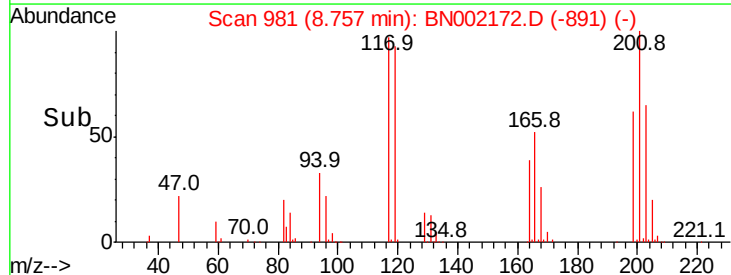


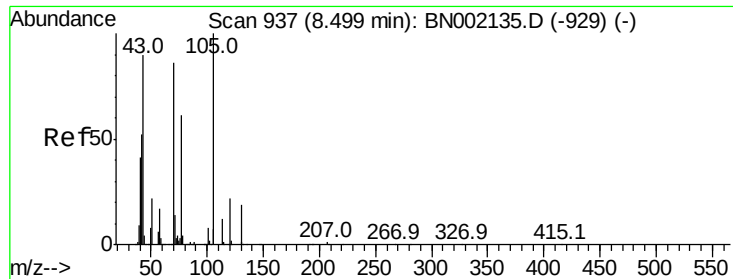
#18
Hexachloroethane
Concen: 73.936 ng
RT: 8.76 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Tgt Ion:117 Resp: 396700
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1
201 102.8 95.7 143.5



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



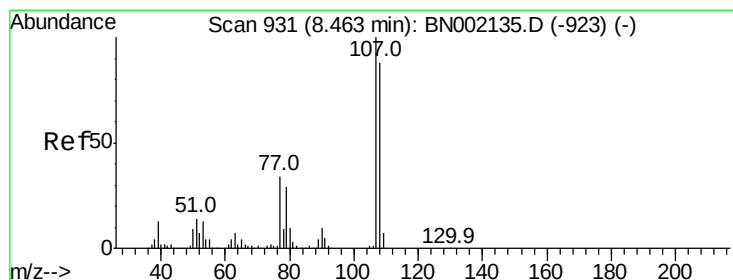
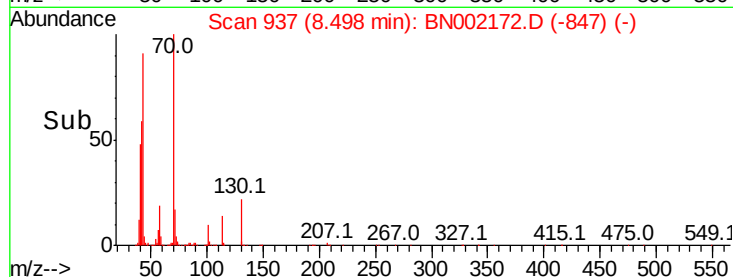
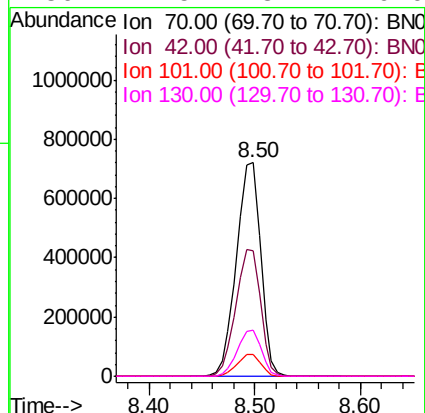
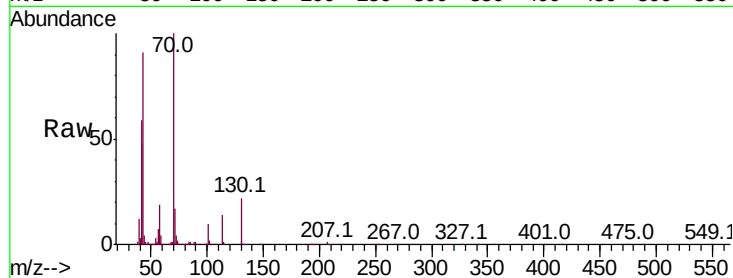


#19
n-Nitroso-di-n-propylamine
Concen: 103.829 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.00 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 70 Resp: 1145911

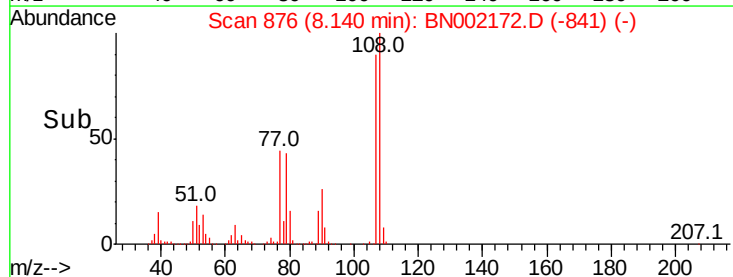
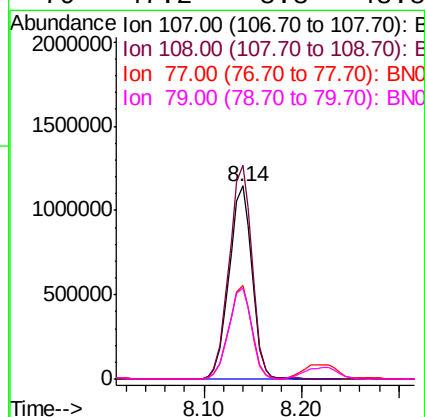
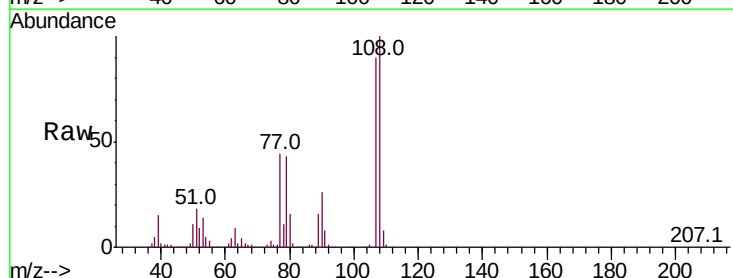
Ion	Ratio	Lower	Upper
70	100		
42	58.7	49.1	73.7
101	10.0	8.5	12.7
130	21.5	13.4	20.0#

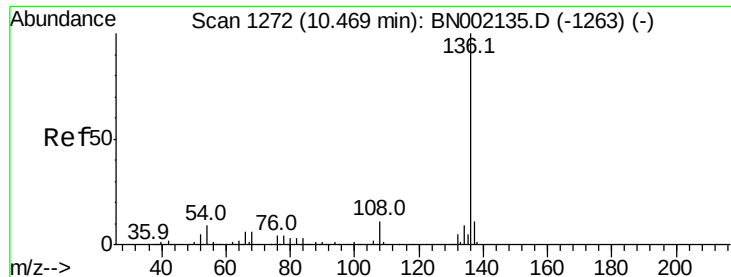


#20
3+4-Methylphenols
Concen: 125.669 ng
RT: 8.14 min Scan# 876
Delta R.T. -0.32 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Tgt Ion: 107 Resp: 1866964

Ion	Ratio	Lower	Upper
107	100		
108	110.7	61.6	101.6#
77	48.7	13.9	53.9
79	47.2	8.8	48.8

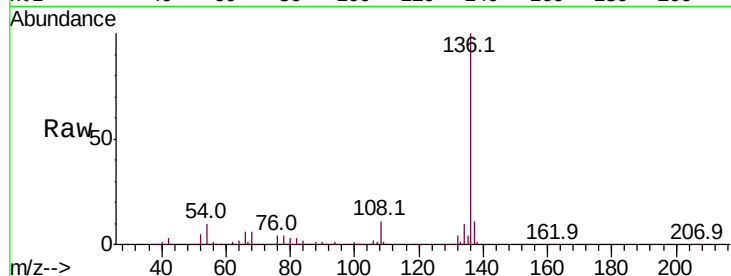




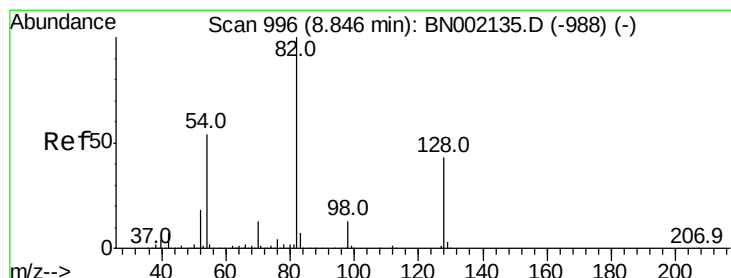
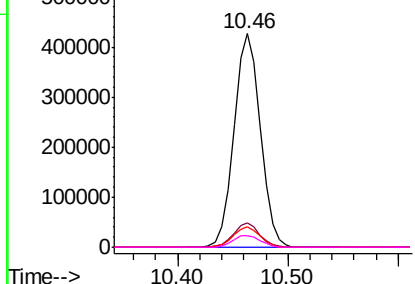
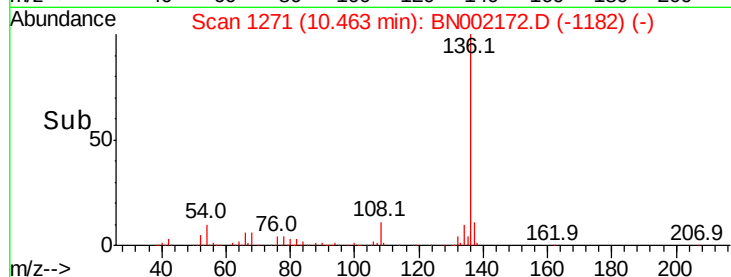
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	713669
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	9.5	10.3 15.5#
68	5.7	4.5 6.7

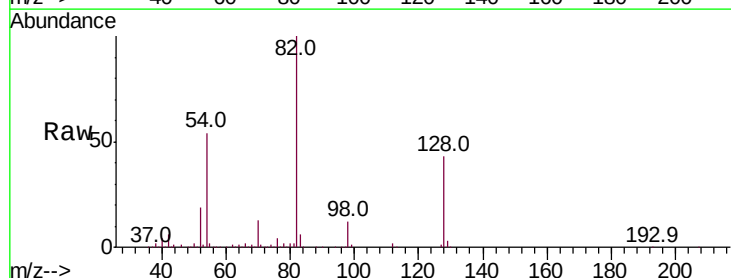


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

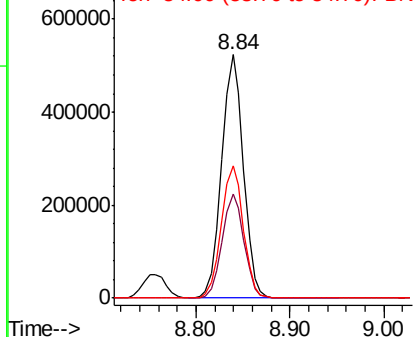
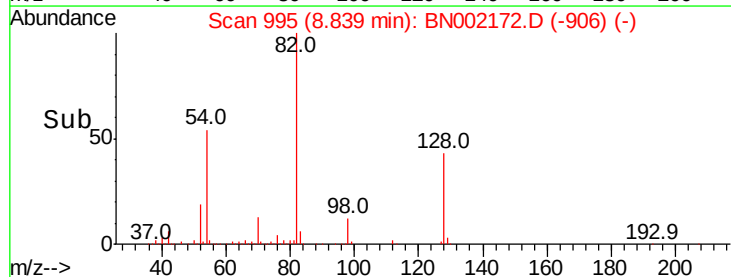


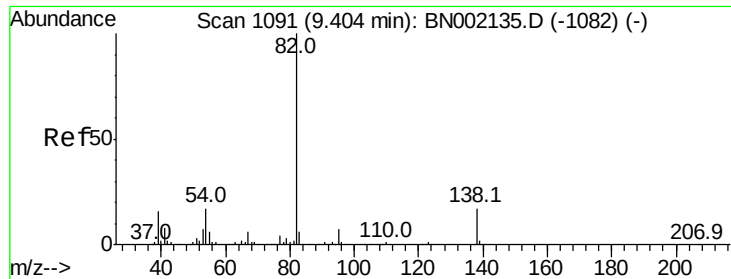
#23
Nitrobenzene-d5
Concen: 60.647 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Tgt Ion: 82	Resp:	843980
Ion Ratio	Lower	Upper
82	100	
128	42.6	29.7 44.5
54	54.1	43.1 64.7



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





#25

Isophorone

Concen: 159.541 ng

RT: 9.40 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Instrument :

BNA_N

ClientSampleId :

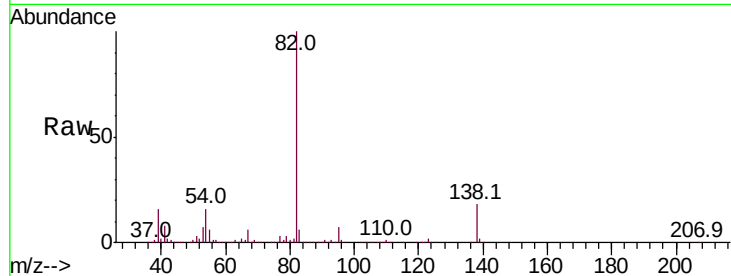
Tot Ion: 82 Resp: 3812181

Ion Ratio Lower Upper

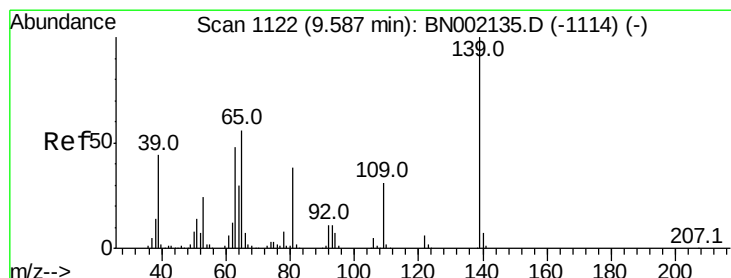
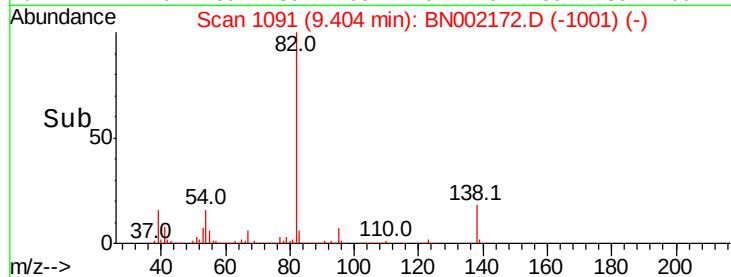
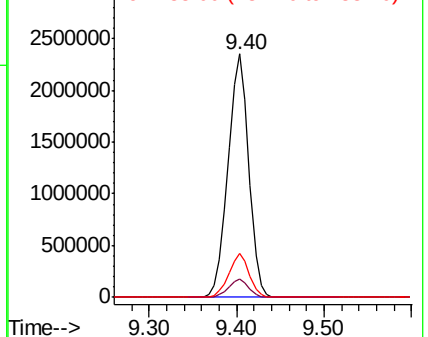
82 100

95 7.3 6.2 9.2

138 18.0 12.1 18.1



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



#26

2-Nitrophenol

Concen: 41.527 ng

RT: 9.59 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

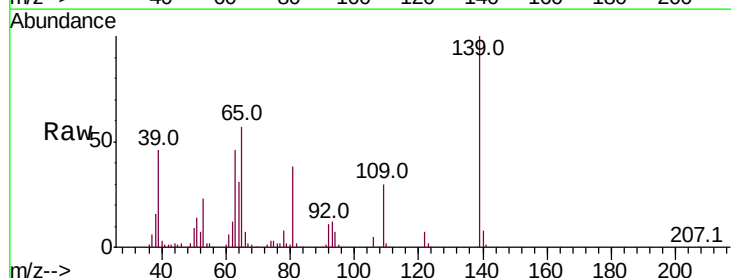
Tgt Ion: 139 Resp: 289318

Ion Ratio Lower Upper

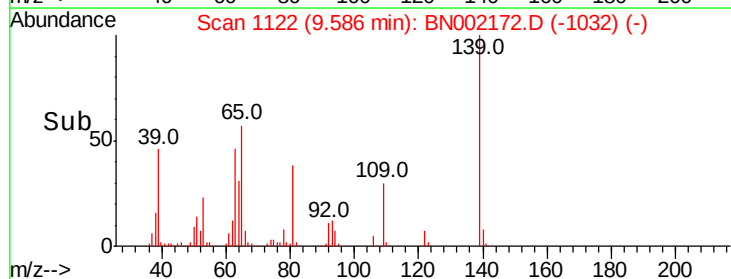
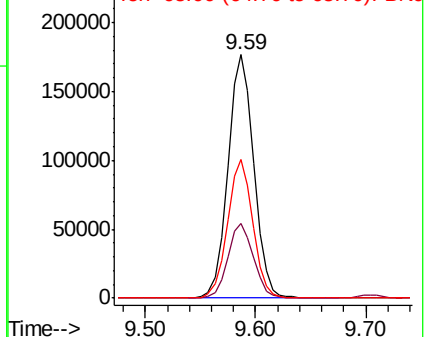
139 100

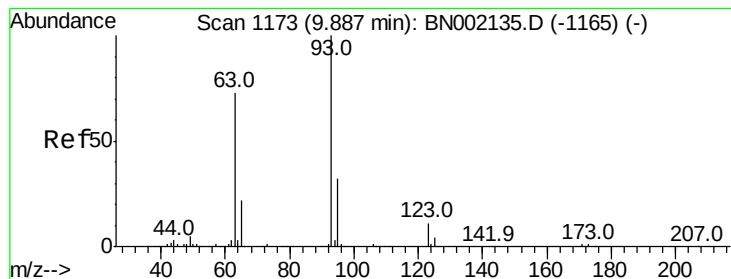
109 30.5 24.2 36.2

65 56.9 47.4 71.0



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





#28

bis(2-Chloroethoxy)methane

Concen: 2.158 ng

RT: 9.59 min Scan# 1122

Delta R.T. -0.30 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Instrument :

BNA_N

ClientSampleId :

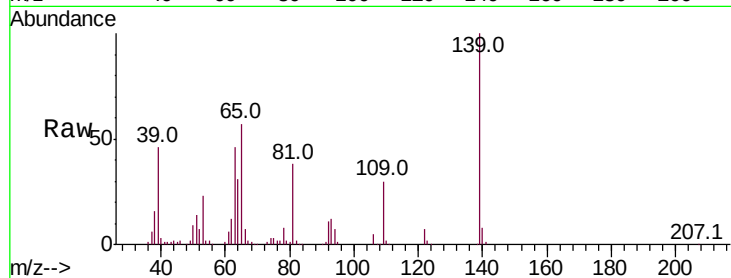
Tot Ion: 93 Resp: 33310

Ion Ratio Lower Upper

93 100

95 8.1 24.3 36.5#

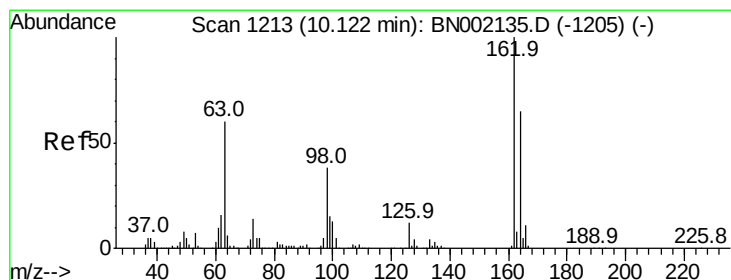
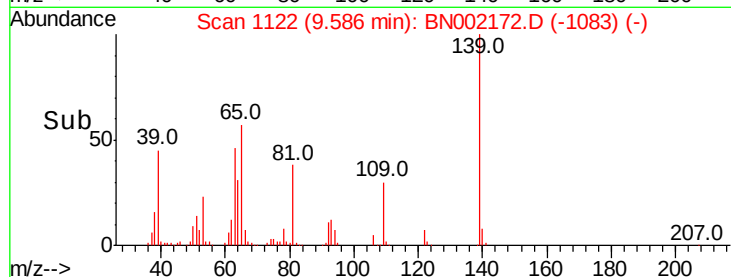
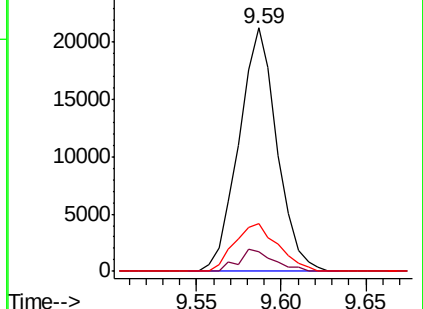
123 19.7 8.4 12.6#



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): BNC



#29

2,4-Dichlorophenol

Concen: 118.408 ng

RT: 10.12 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

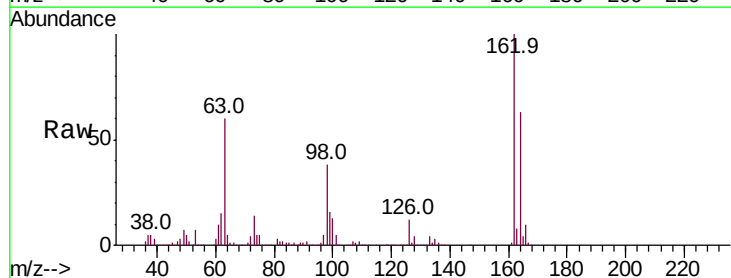
Tgt Ion:162 Resp: 1337841

Ion Ratio Lower Upper

162 100

164 63.5 48.0 88.0

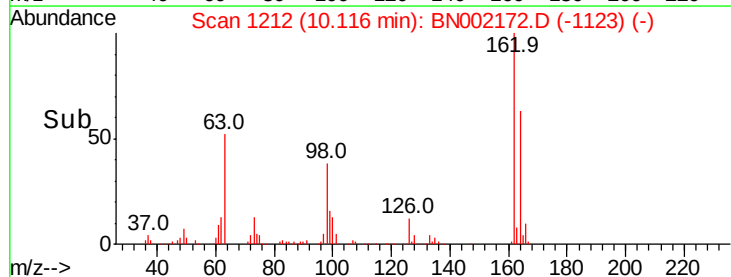
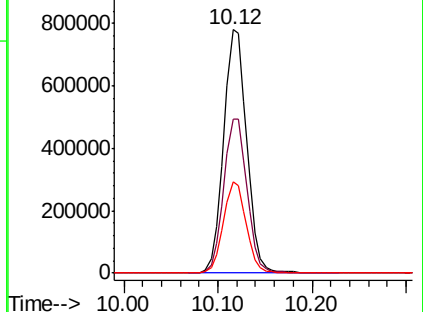
98 37.5 21.1 61.1

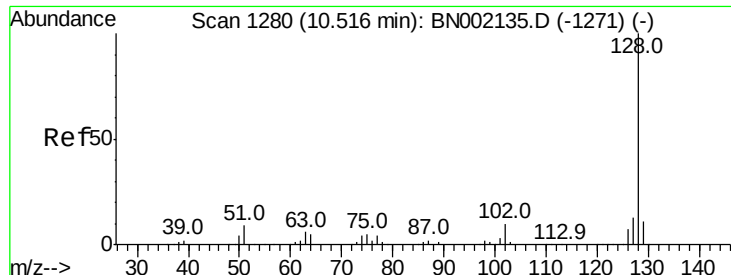


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC





#31

Naphthalene

Concen: 40.691 ng

RT: 10.52 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

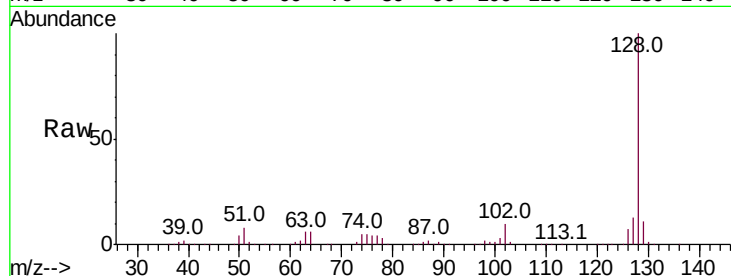
Instrument :

BNA_N

ClientSampled :

Tot Ion:128 Resp: 1465588

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.4	11.6	17.4

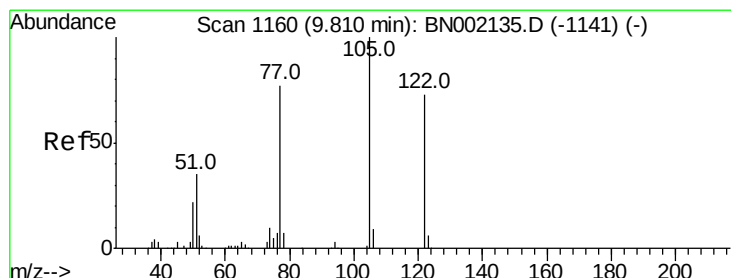
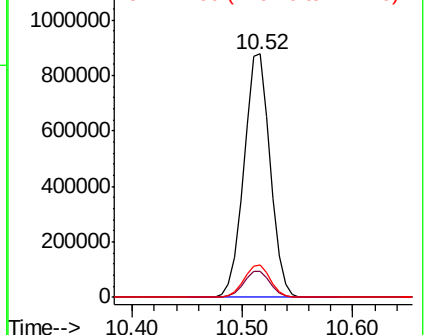
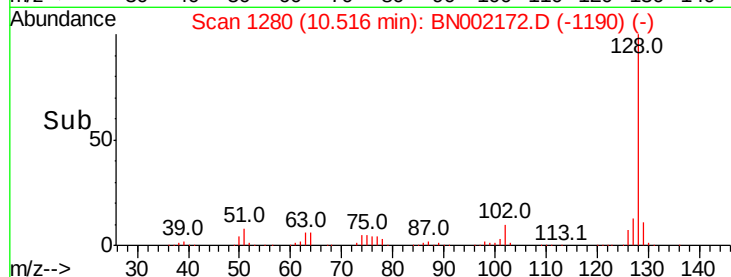


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.354 ng

RT: 9.59 min Scan# 1122

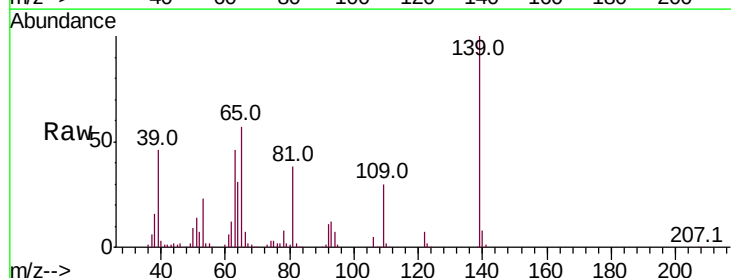
Delta R.T. -0.22 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Tgt Ion:122 Resp: 19348

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	22.1	85.7	125.7#

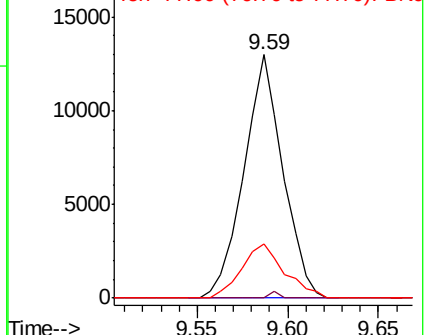
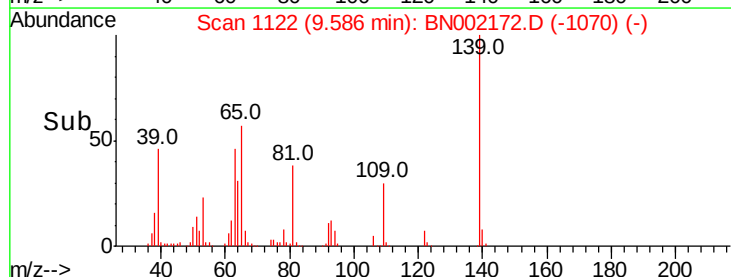


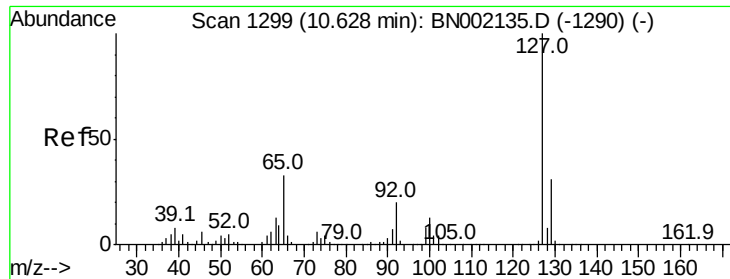
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

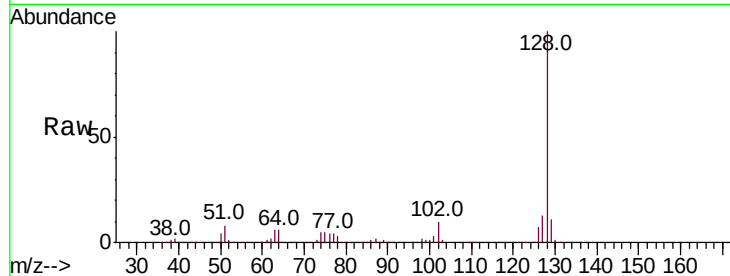




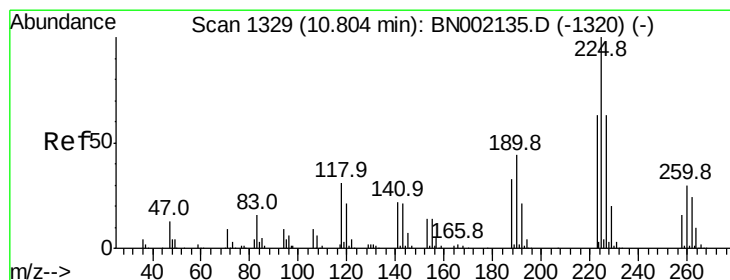
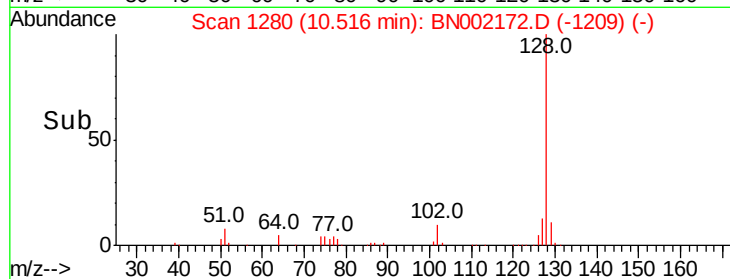
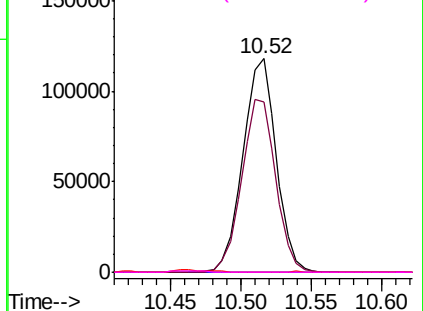
#33
4-Chloroaniline
Concen: 12.152 ng
RT: 10.52 min Scan# 1280
Delta R.T. -0.11 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	194753
Ion	Ratio	Lower	Upper
127	100		
129	79.9	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

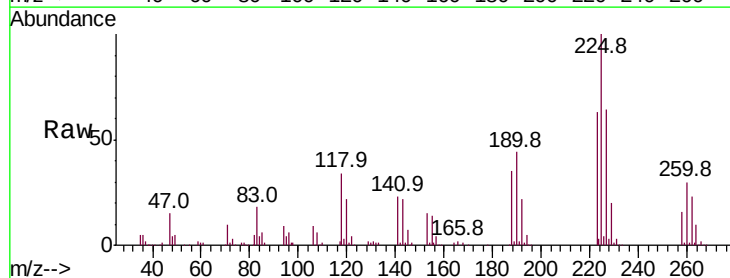


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

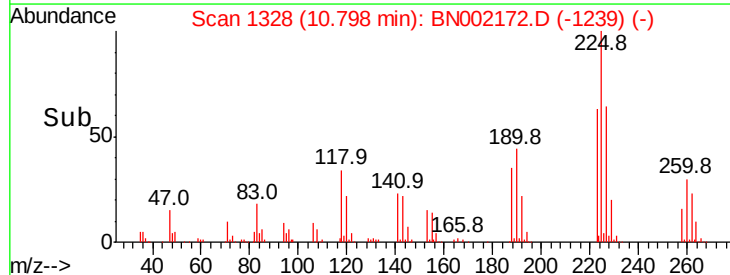
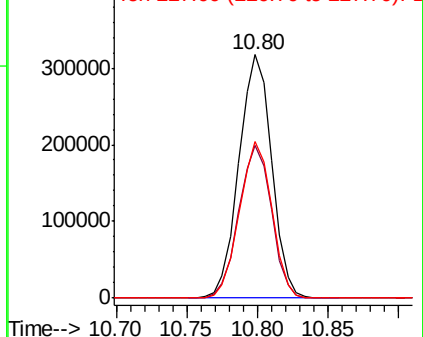


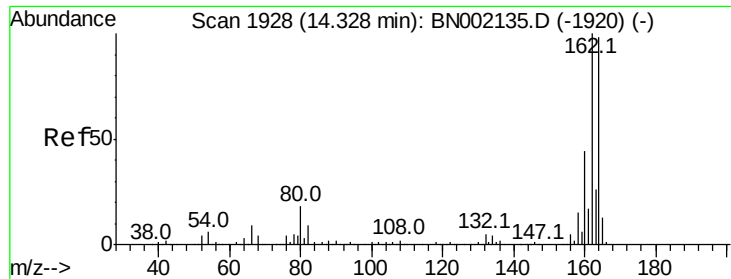
#34
Hexachlorobutadiene
Concen: 65.786 ng
RT: 10.80 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Tgt Ion:	225	Resp:	515492
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	64.3	48.1	72.1



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

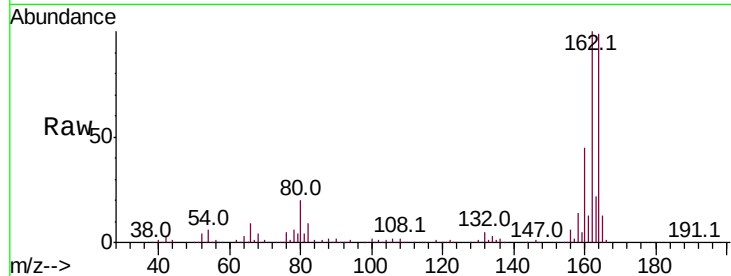
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 369796

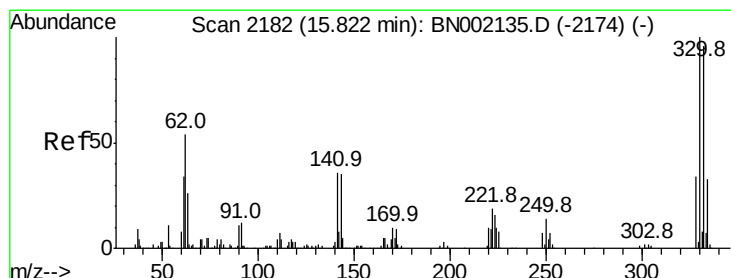
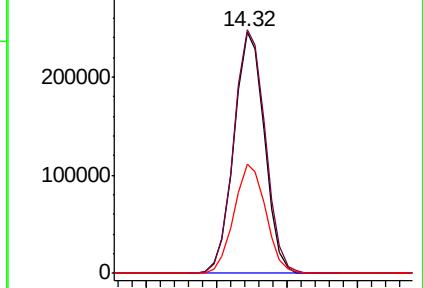
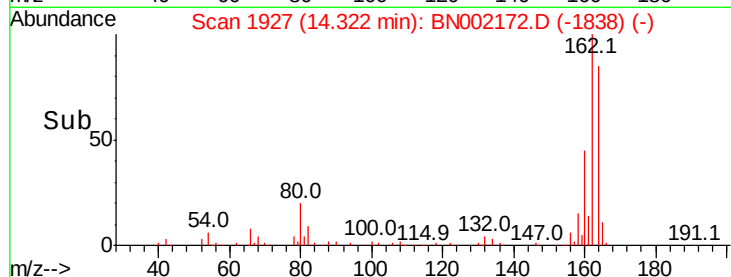
Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	45.1	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 104.010 ng

RT: 15.82 min Scan# 2181

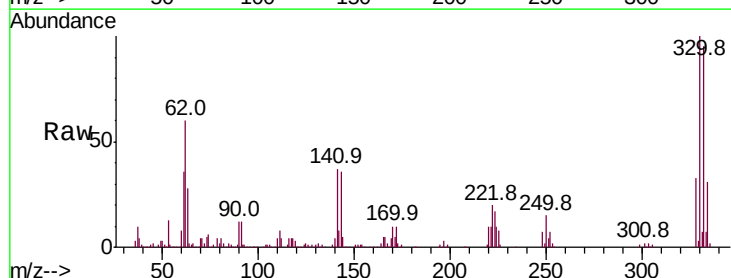
Delta R.T. -0.01 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Tgt Ion:330 Resp: 499452

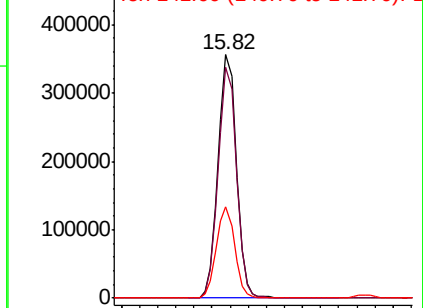
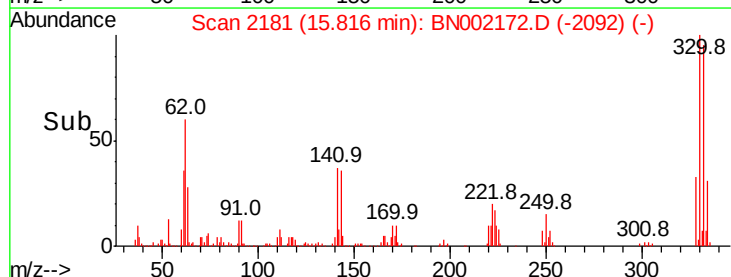
Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	37.8	25.2	37.8

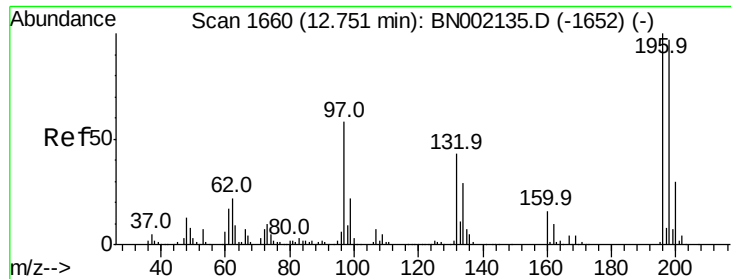


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

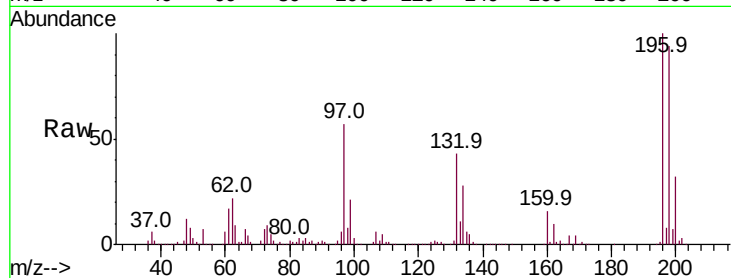




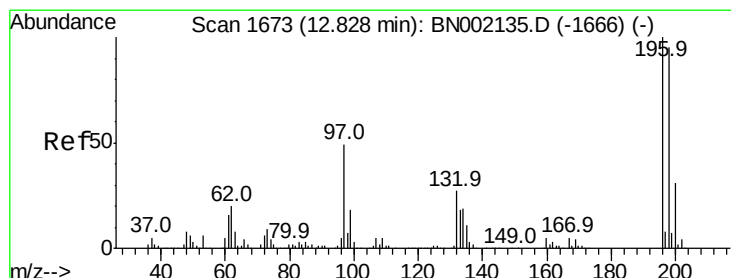
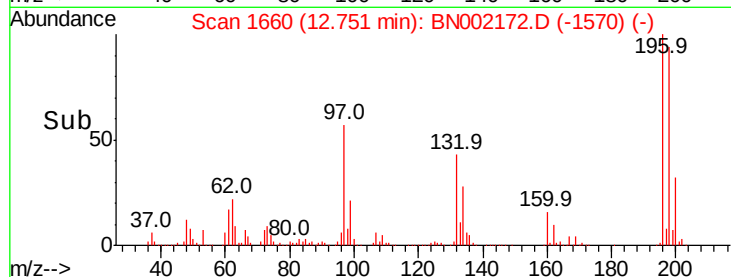
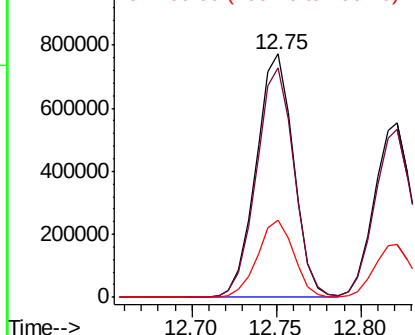
#42
 2,4,6-Trichlorophenol
 Concen: 142.657 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BN002172.D
 Acq: 26 Jul 2018 13:46

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:196 Resp: 1190146
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.2 117.2
 200 31.6 24.6 36.8



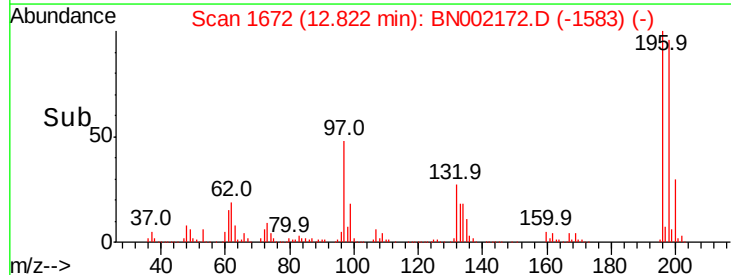
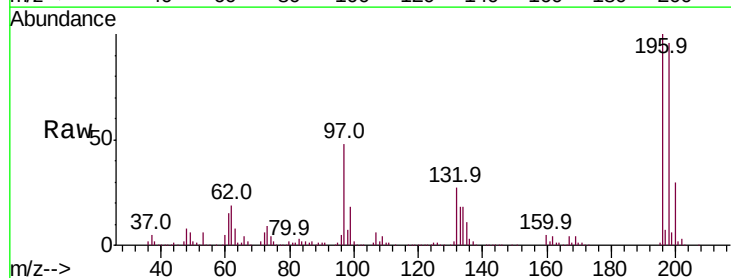
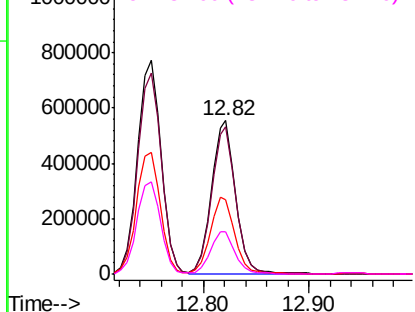
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

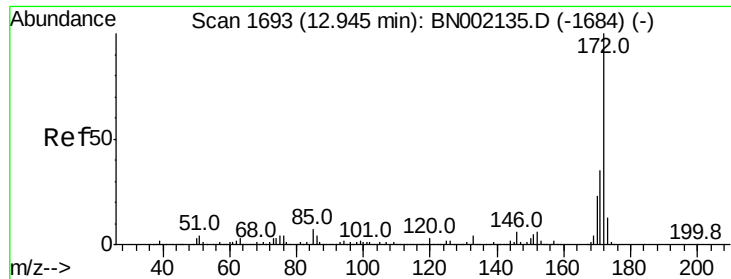


#43
 2,4,5-Trichlorophenol
 Concen: 99.898 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN002172.D
 Acq: 26 Jul 2018 13:46

Tgt Ion:196 Resp: 882832
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.4
 97 48.0 38.7 58.1
 132 27.2 20.2 30.2

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



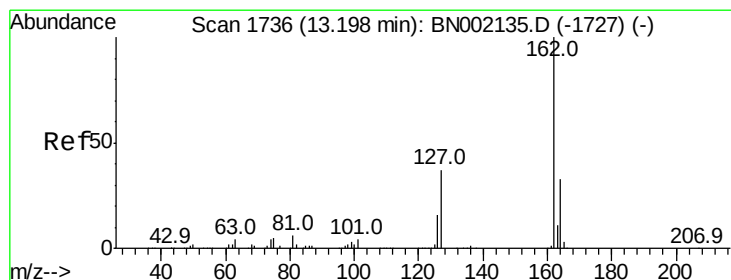
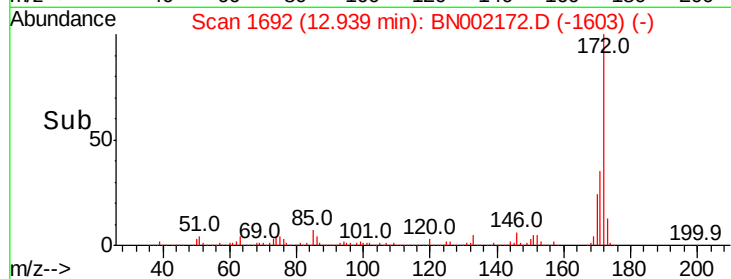
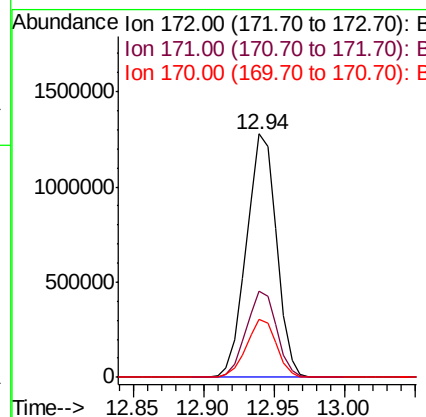
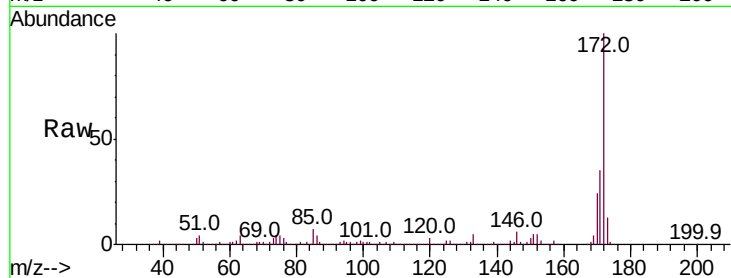


#44
 2-Fluorobiphenyl
 Concen: 67.573 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BN002172.D
 Acq: 26 Jul 2018 13:46

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 1918467

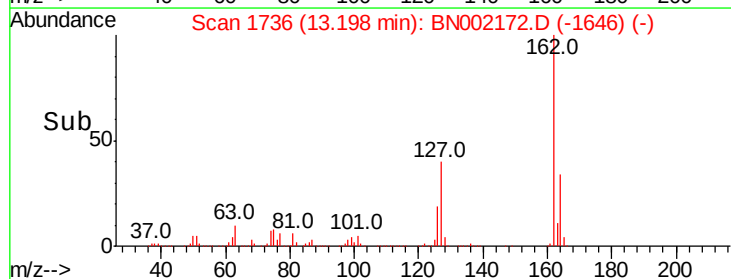
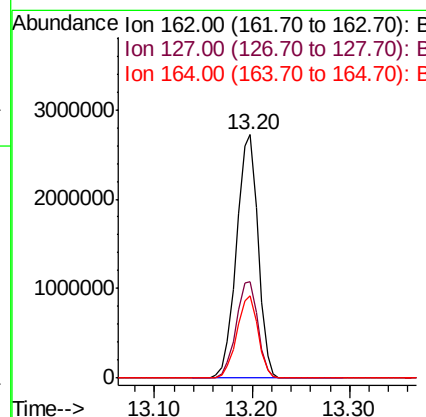
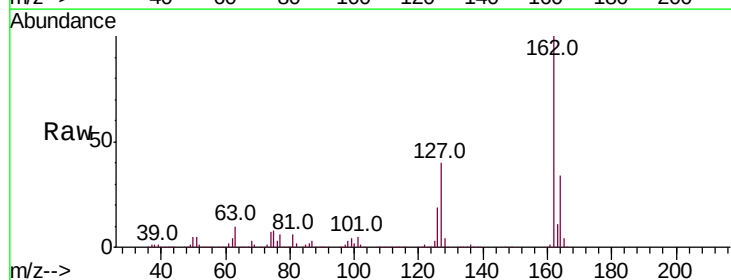
Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.7	19.5	29.3

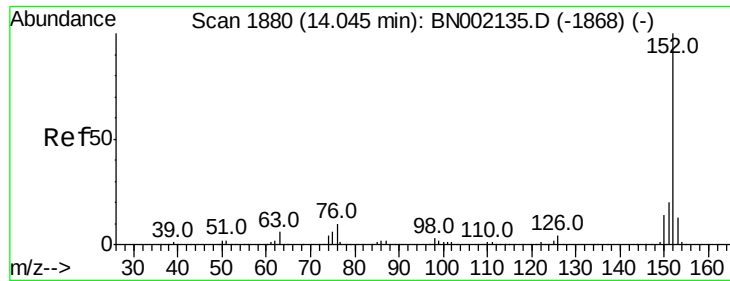


#46
 2-Chloronaphthalene
 Concen: 165.491 ng
 RT: 13.20 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BN002172.D
 Acq: 26 Jul 2018 13:46

Tgt Ion:162 Resp: 4156749

Ion	Ratio	Lower	Upper
162	100		
127	39.7	30.7	46.1
164	33.6	26.0	39.0





#48

Acenaphthylene

Concen: 156.776 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

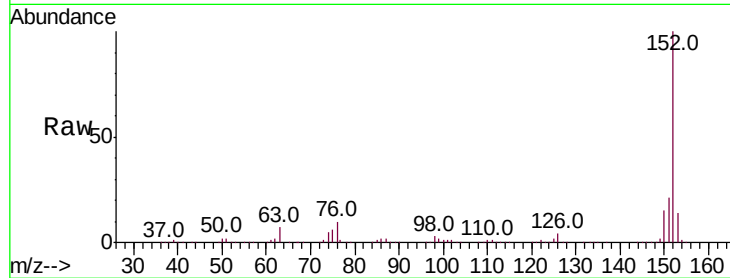
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 5975602

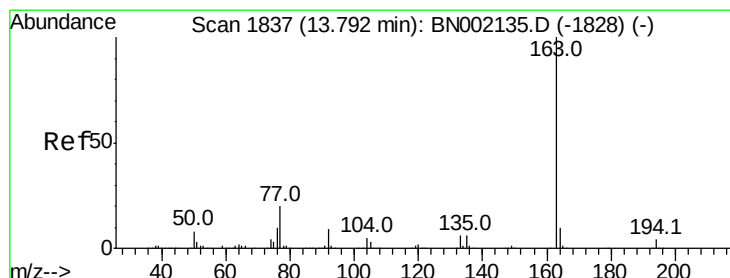
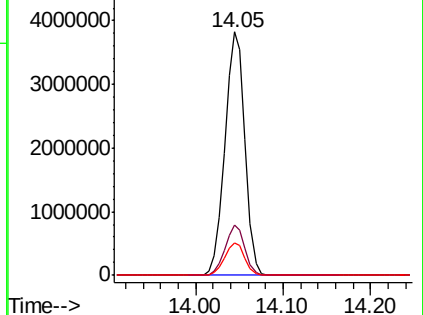
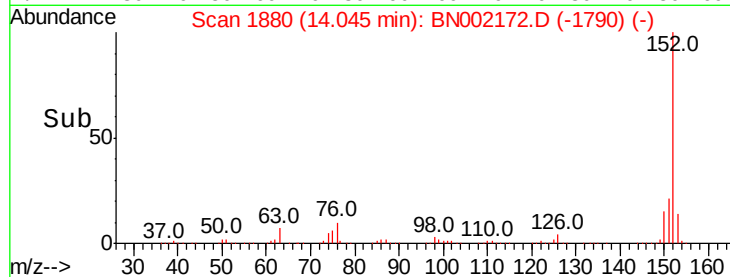
Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.2	25.8
153	13.5	10.2	15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 36.307 ng

RT: 13.79 min Scan# 1836

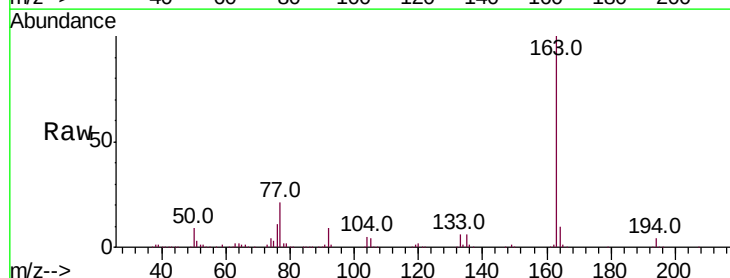
Delta R.T. -0.01 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Tgt Ion:163 Resp: 1115262

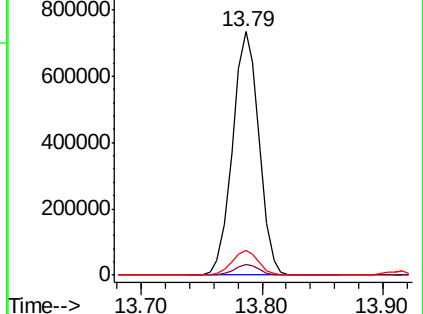
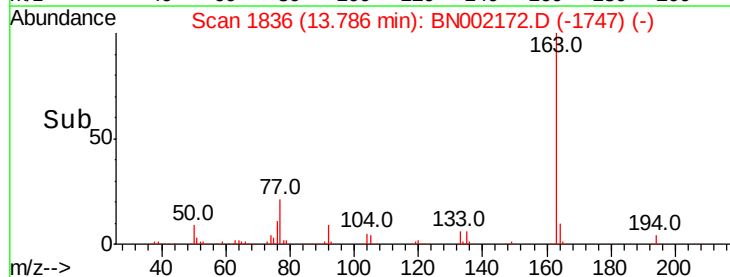
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	8.2	12.4

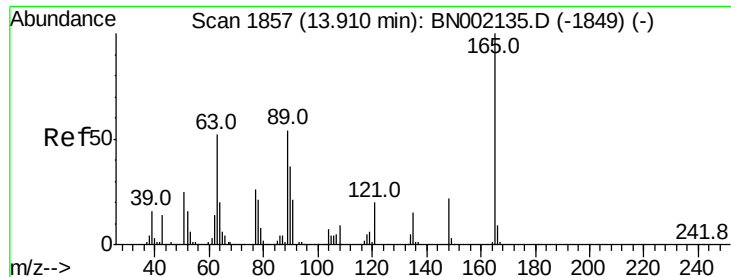


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

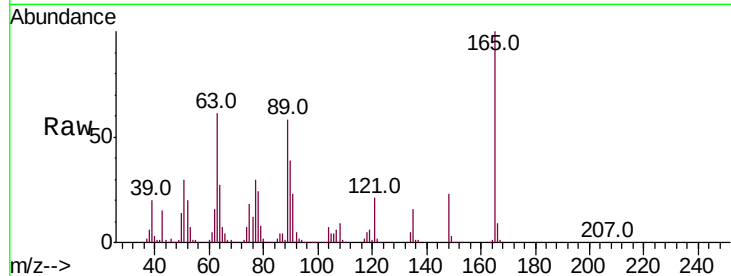




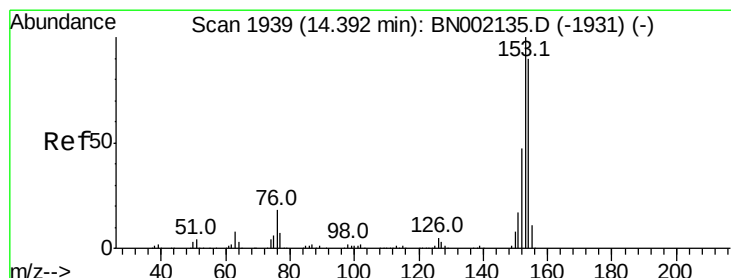
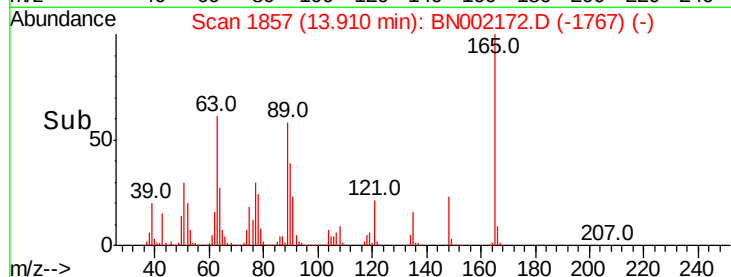
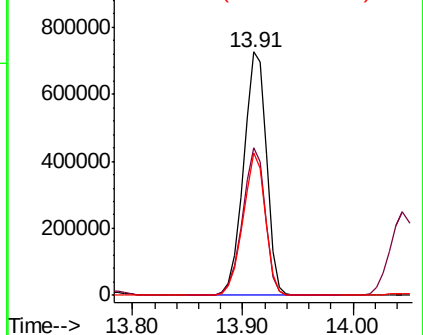
#50
2,6-Dinitrotoluene
Concen: 154.978 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion:165 Resp: 1057634
Ion Ratio Lower Upper
165 100
63 60.7 52.7 79.1
89 58.5 49.2 73.8

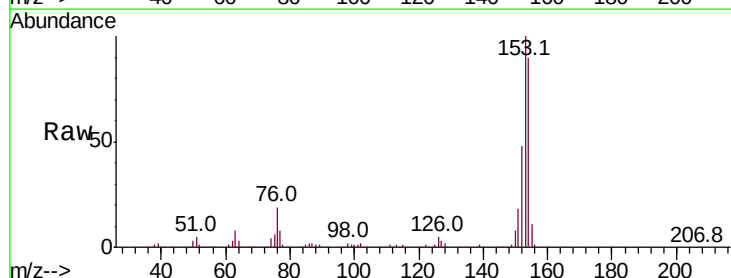


Abundance Ion 165.00 (164.70 to 165.70): E
1000000
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC

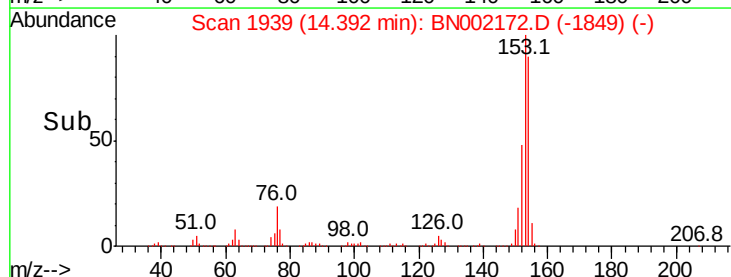
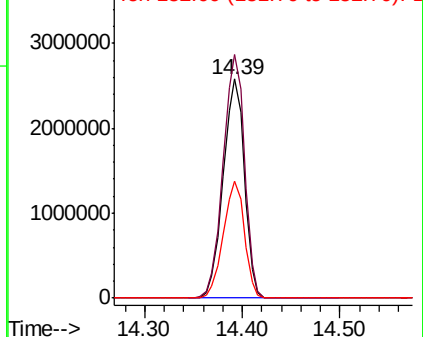


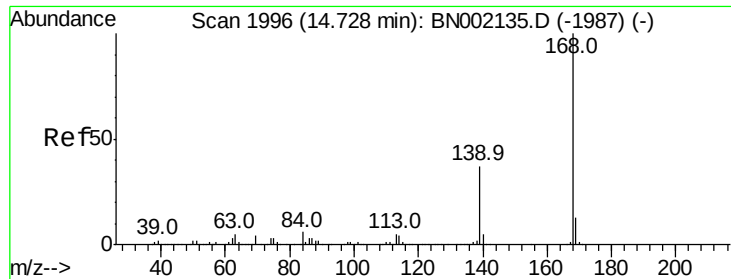
#51
Acenaphthene
Concen: 169.391 ng
RT: 14.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Tgt Ion:154 Resp: 3889098
Ion Ratio Lower Upper
154 100
153 111.2 90.4 135.6
152 53.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
4000000
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 182.518 ng

RT: 14.73 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Instrument :

BNA_N

ClientSampleId :

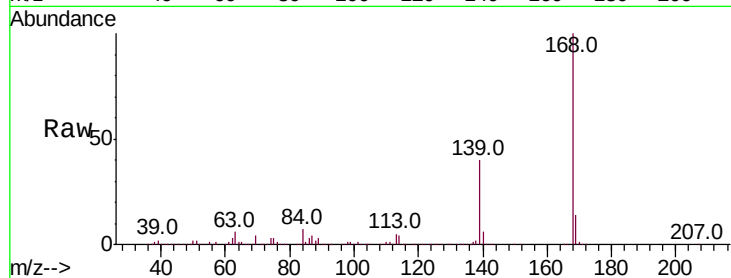
Tot Ion:168 Resp: 6794089

Ion Ratio Lower Upper

168 100

139 39.7 28.6 43.0

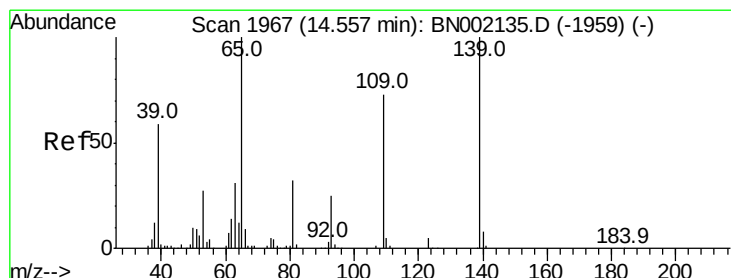
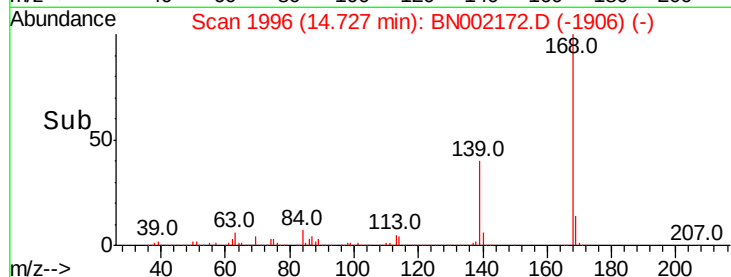
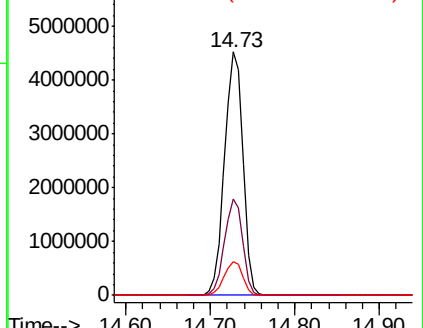
169 13.7 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 467.101 ng

RT: 14.73 min Scan# 1996

Delta R.T. 0.17 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

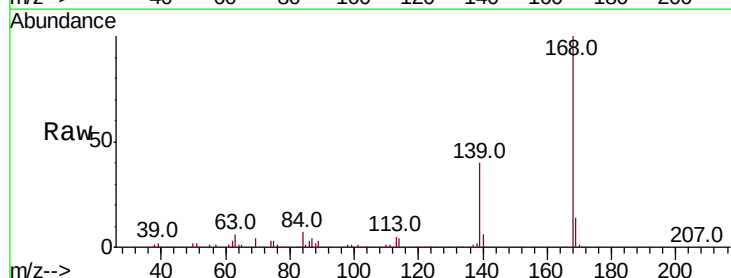
Tgt Ion:139 Resp: 2651633

Ion Ratio Lower Upper

139 100

109 0.9 62.2 102.2#

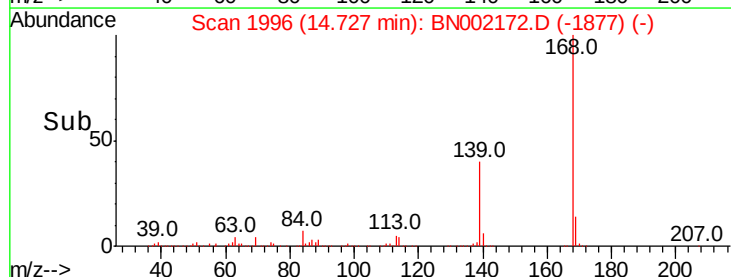
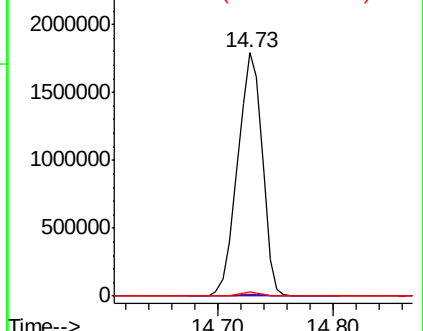
65 1.6 97.2 137.2#

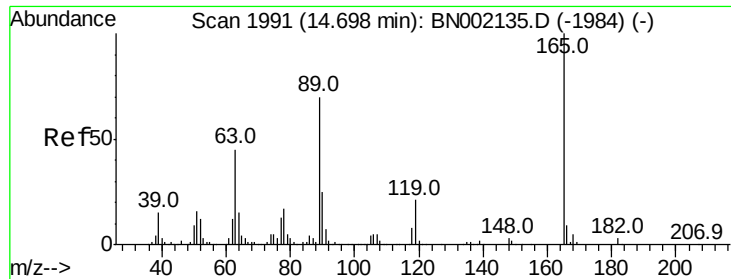


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC

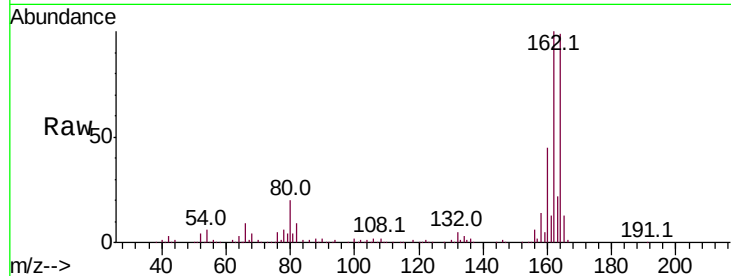




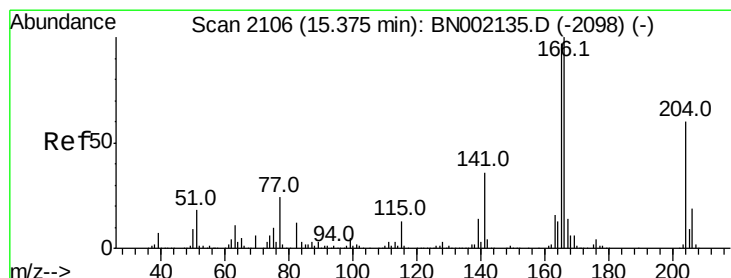
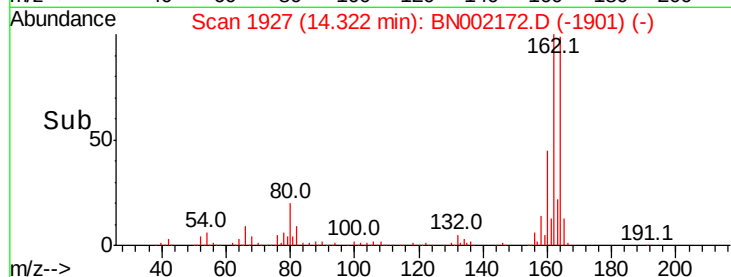
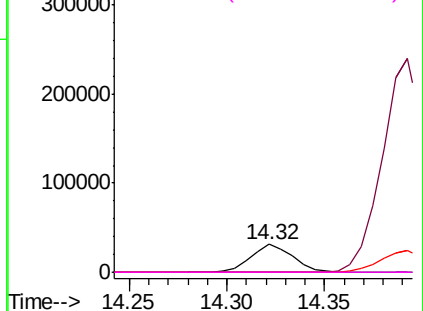
#56
2,4-Dinitrotoluene
Concen: 5.068 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.38 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion:165 Resp: 46943
Ion Ratio Lower Upper
165 100
63 1.8 42.0 63.0#
89 1.2 66.9 100.3#
182 0.0 2.6 3.8#

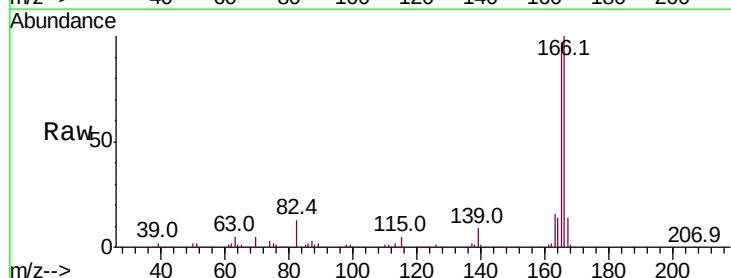


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC
Ion 182.00 (181.70 to 182.70): E

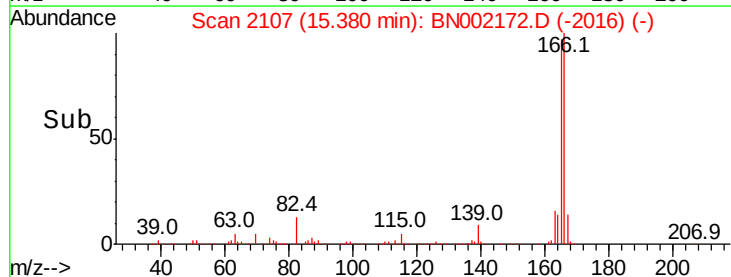
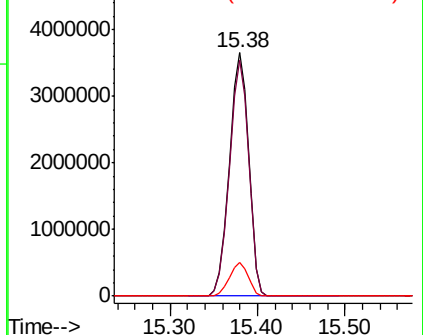


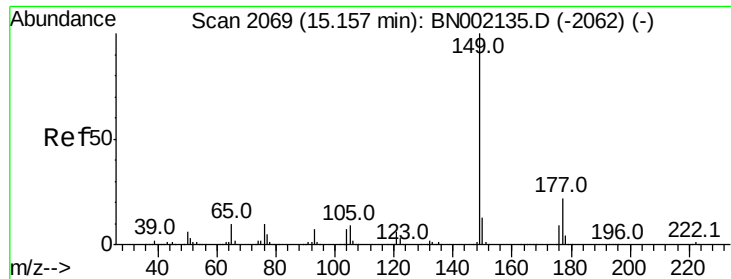
#57
Fluorene
Concen: 193.077 ng
RT: 15.38 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Tgt Ion:166 Resp: 5417142
Ion Ratio Lower Upper
166 100
165 97.2 80.6 121.0
167 13.6 10.4 15.6



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

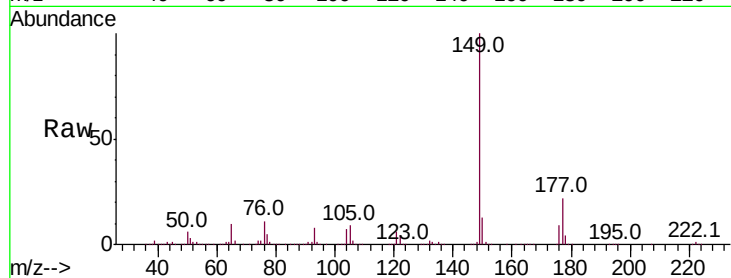




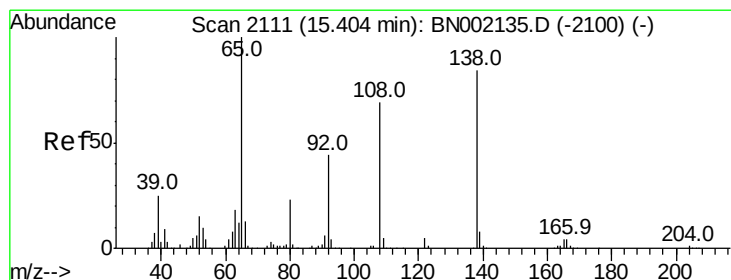
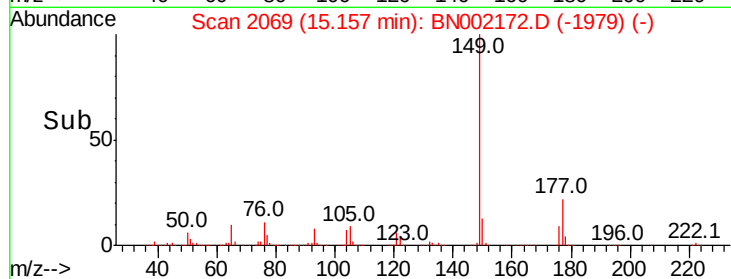
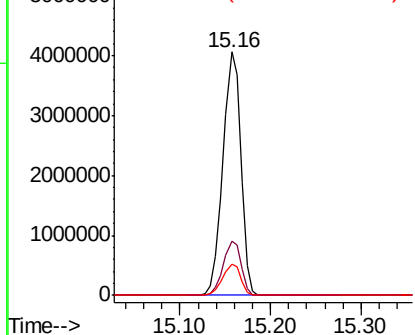
#59
Diethylphthalate
Concen: 176.911 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 5531167
Ion Ratio Lower Upper
149 100
177 22.3 18.5 27.7
150 13.0 10.2 15.2

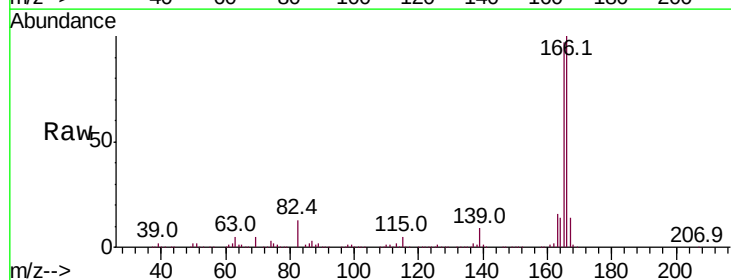


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

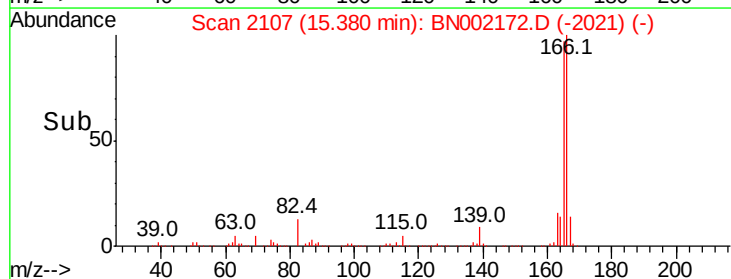
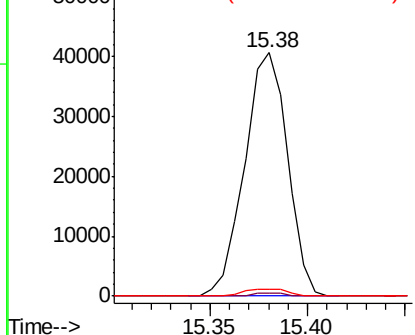


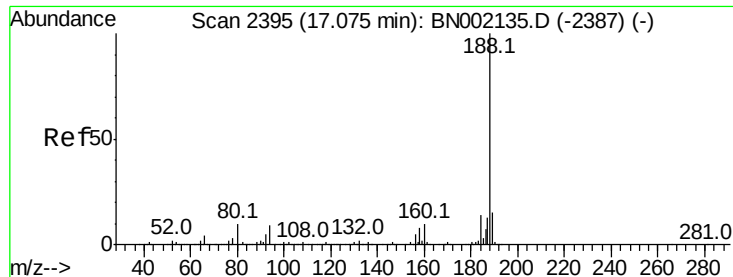
#61
4-Nitroaniline
Concen: 8.209 ng
RT: 15.38 min Scan# 2107
Delta R.T. -0.02 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Tgt Ion:138 Resp: 61874
Ion Ratio Lower Upper
138 100
92 1.4 40.1 80.1#
108 3.0 65.4 105.4#



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

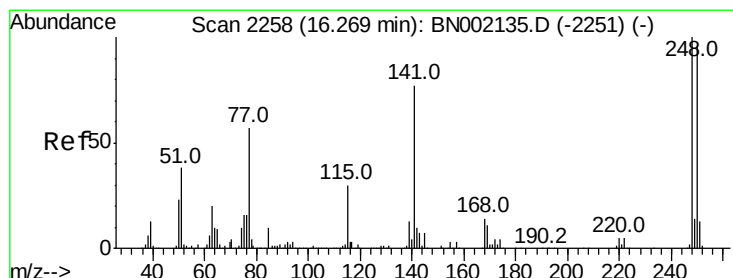
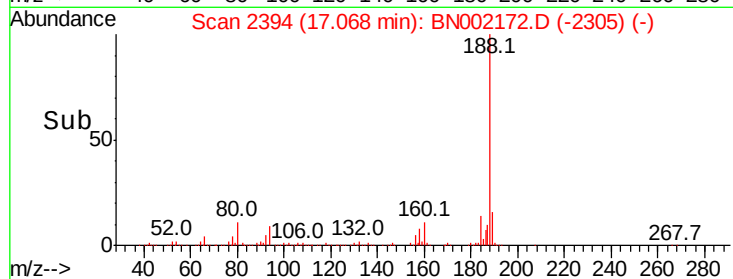
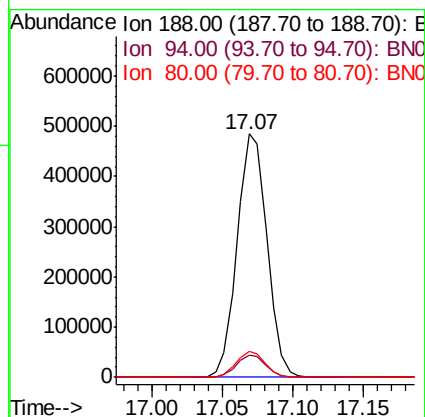
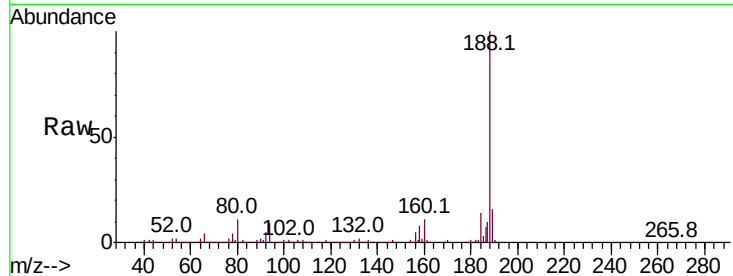




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

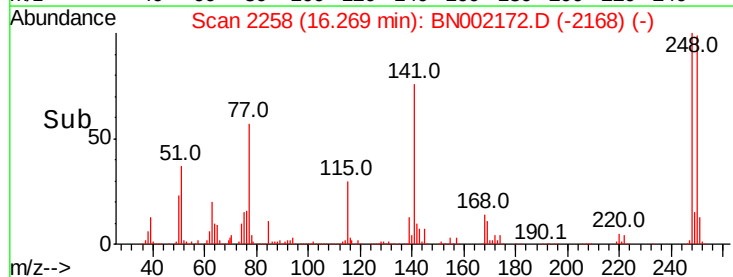
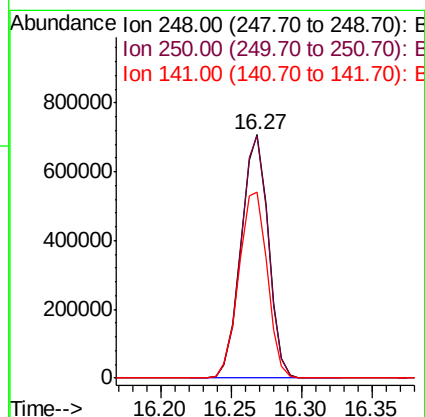
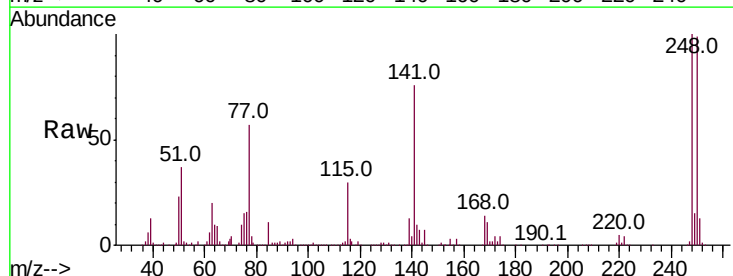
Instrument :
BNA_N
ClientSampleId :

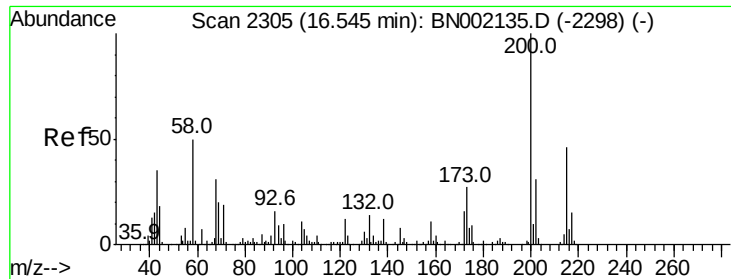
Tot Ion:188 Resp: 713884
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 10.8 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 114.771 ng
RT: 16.27 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Tgt Ion:248 Resp: 959158
Ion Ratio Lower Upper
248 100
250 99.3 77.1 115.7
141 76.2 50.8 76.2





#68

Atrazine

Concen: 11.989 ng

RT: 16.73 min Scan# 2336

Delta R.T. 0.18 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Instrument :

BNA_N

ClientSampled :

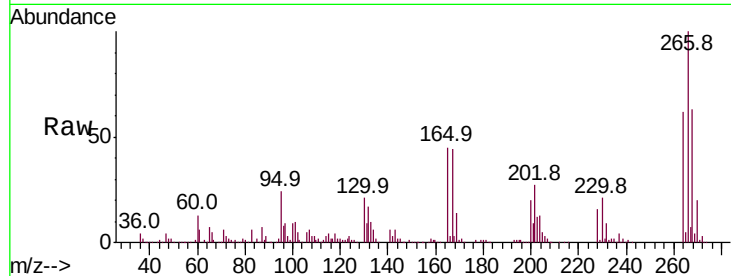
Tot Ion:200 Resp: 95617

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

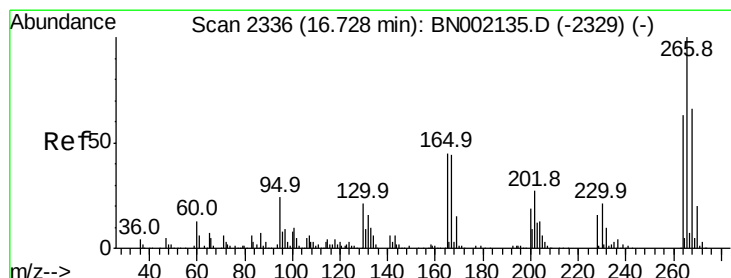
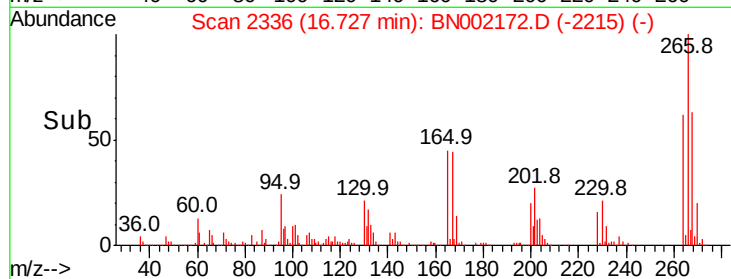
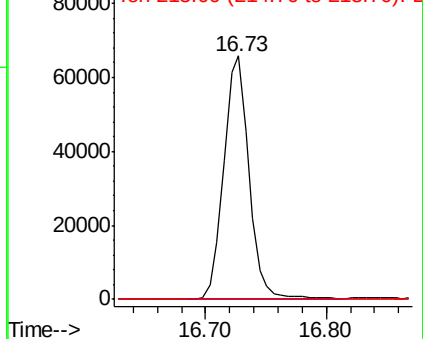
215 0.0 30.4 70.4#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 78.737 ng

RT: 16.73 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

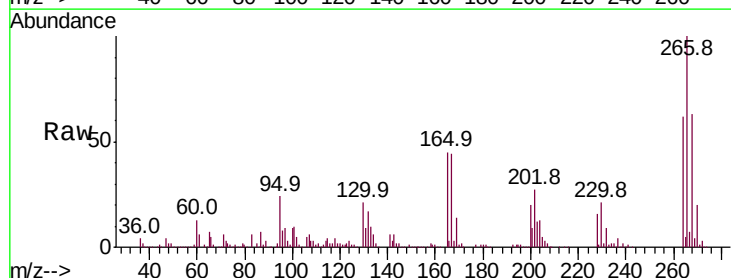
Tgt Ion:266 Resp: 468501

Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

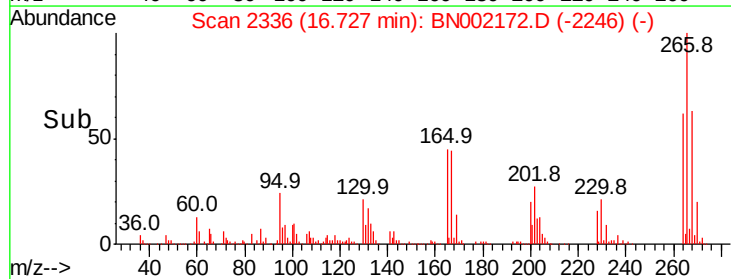
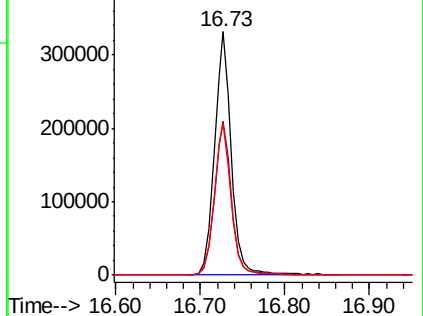
264 62.2 49.6 74.4

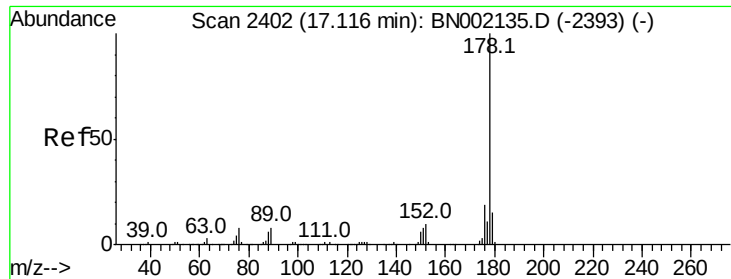


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 153.739 ng

RT: 17.12 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

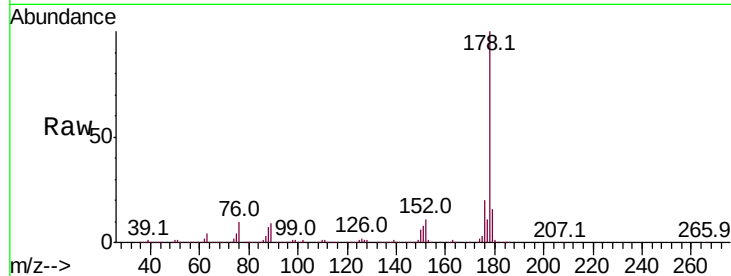
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 5990704

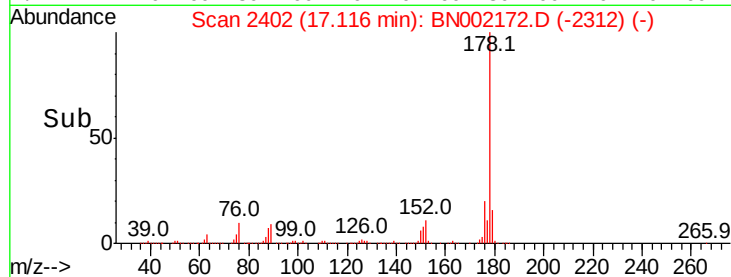
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.8	12.5	18.7



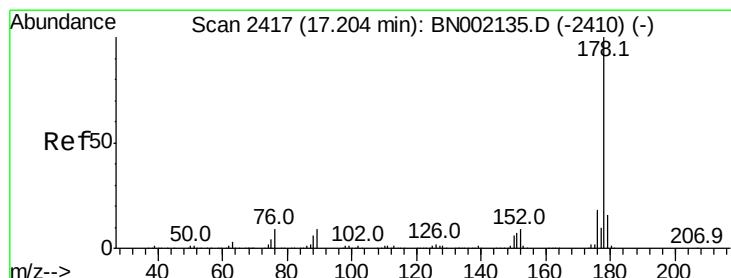
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#71

Anthracene

Concen: 54.623 ng

RT: 17.20 min Scan# 2417

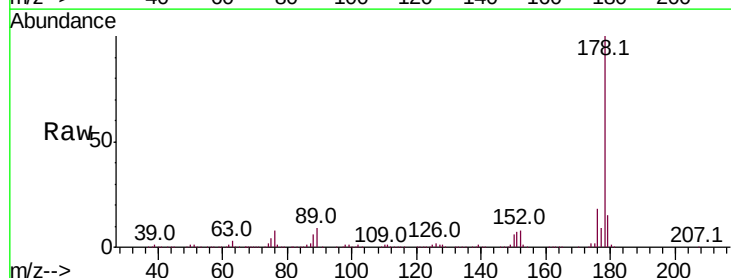
Delta R.T. -0.00 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Tgt Ion:178 Resp: 2106744

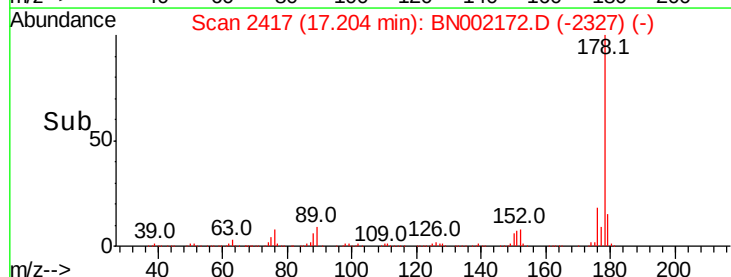
Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.0	24.0
179	15.1	12.5	18.7



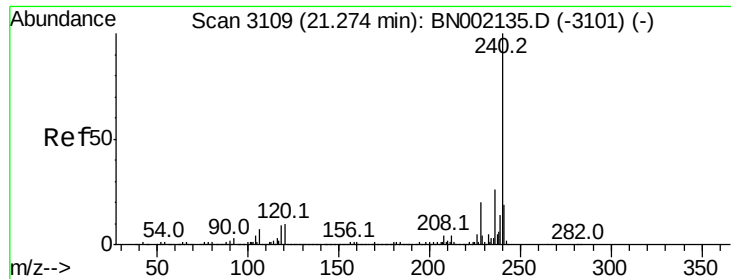
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.28 min Scan# 3110

Delta R.T. 0.01 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Instrument :

BNA_N

ClientSampleId :

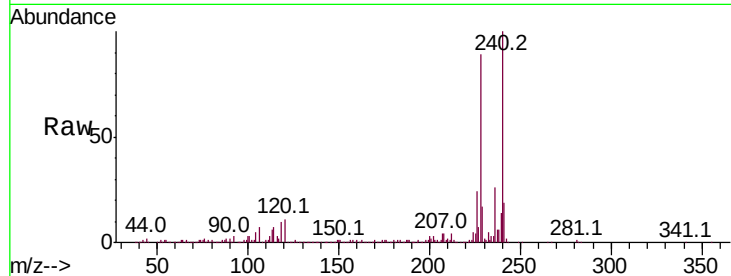
Tot Ion:240 Resp: 620089

Ion Ratio Lower Upper

240 100

120 10.6 6.8 10.2#

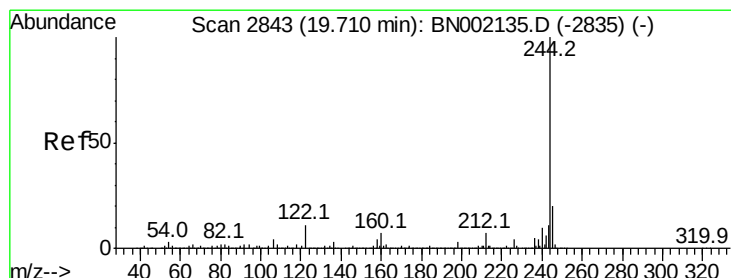
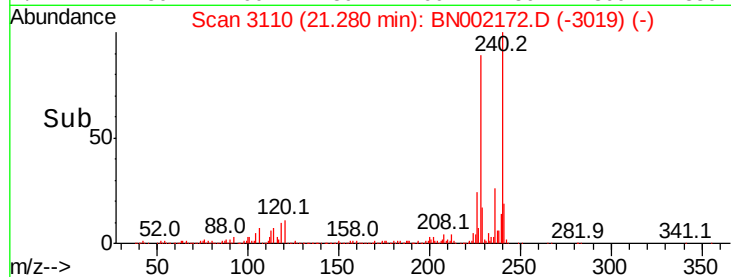
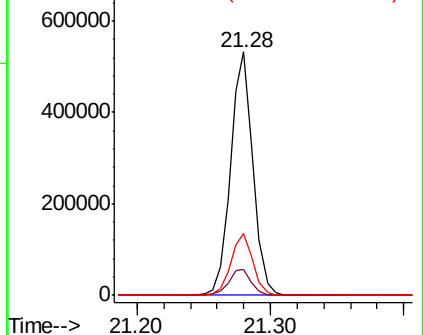
236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 84.376 ng

RT: 19.71 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

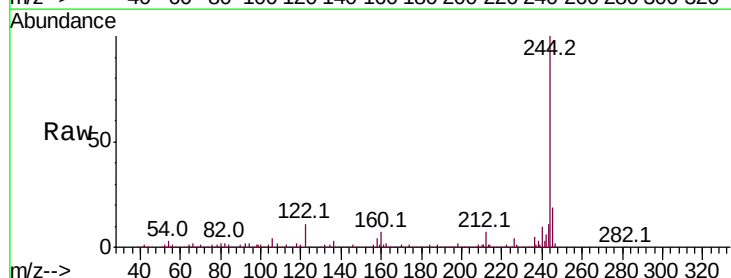
Tgt Ion:244 Resp: 2508607

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

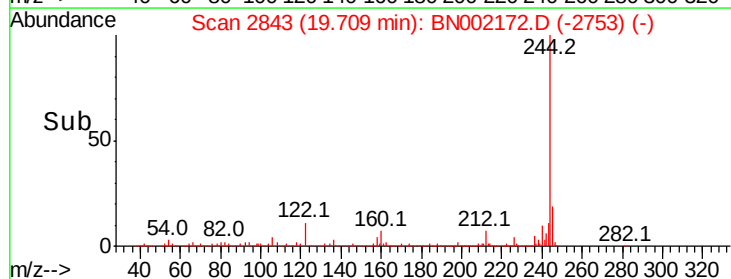
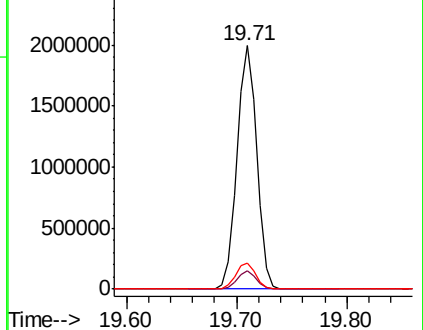
122 10.6 7.0 10.4#

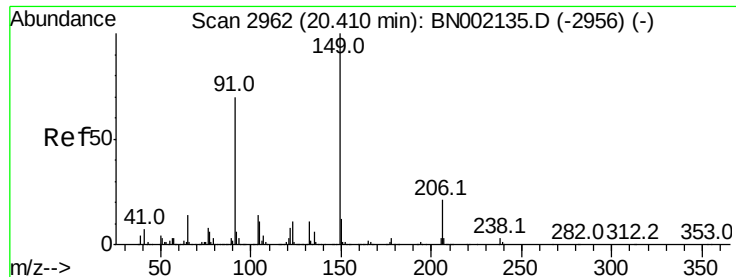


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

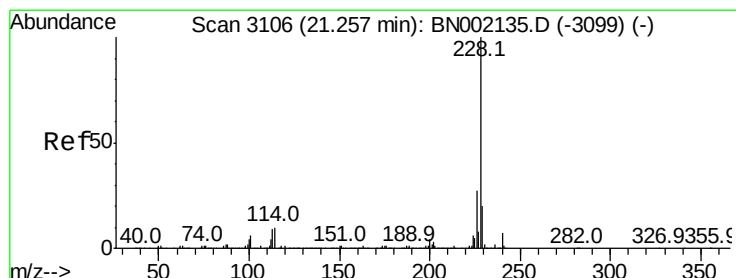
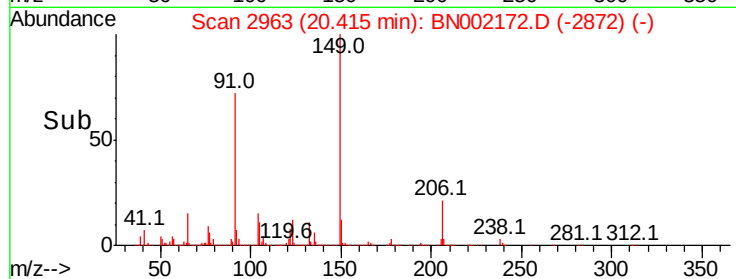
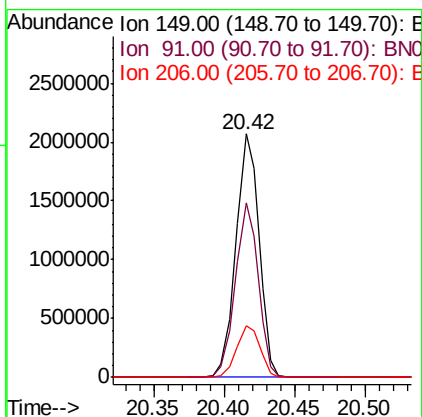
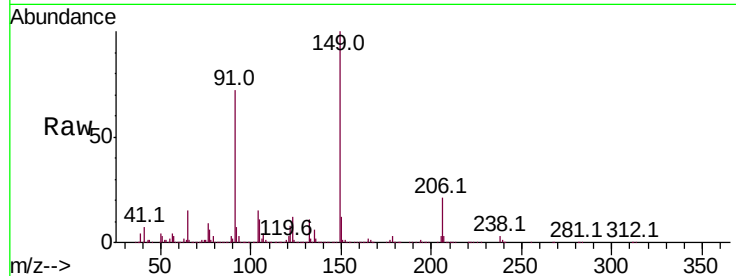




#79
Butylbenzylphthalate
Concen: 126.997 ng
RT: 20.42 min Scan# 2963
Delta R.T. 0.01 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

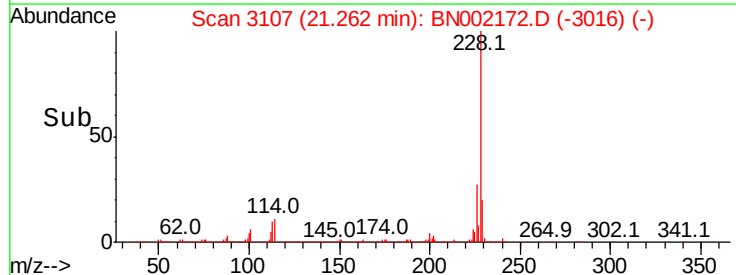
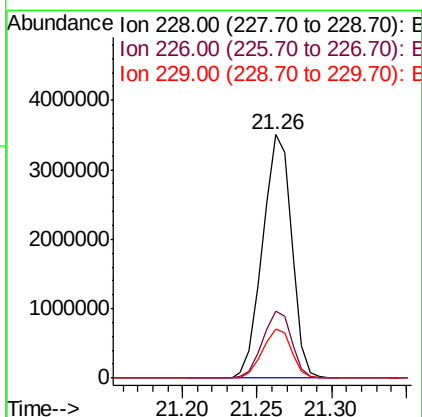
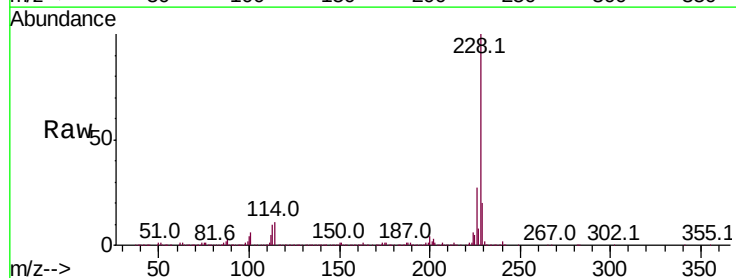
Instrument :
BNA_N
ClientSampled :

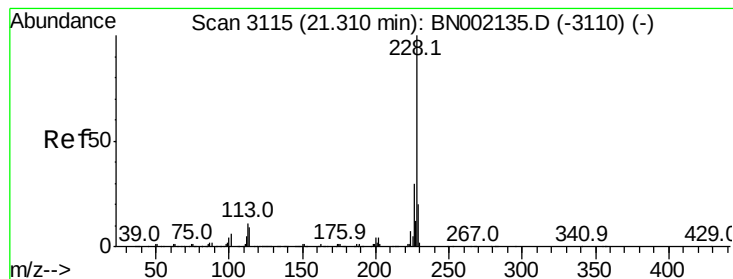
Tot Ion:149 Resp: 2363998
Ion Ratio Lower Upper
149 100
91 71.7 62.2 93.2
206 21.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 124.903 ng
RT: 21.26 min Scan# 3107
Delta R.T. 0.01 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Tgt Ion:228 Resp: 4720609
Ion Ratio Lower Upper
228 100
226 27.5 22.7 34.1
229 20.0 16.2 24.2





#82

Chrysene

Concen: 131.183 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.05 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

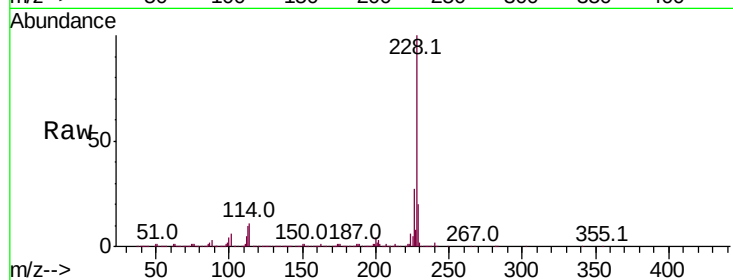
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 4720609

Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.9	37.3
229	20.0	15.0	22.4

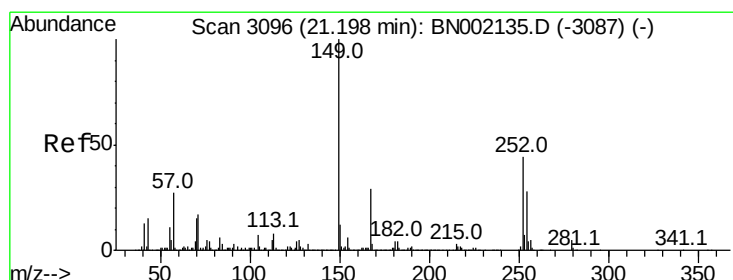
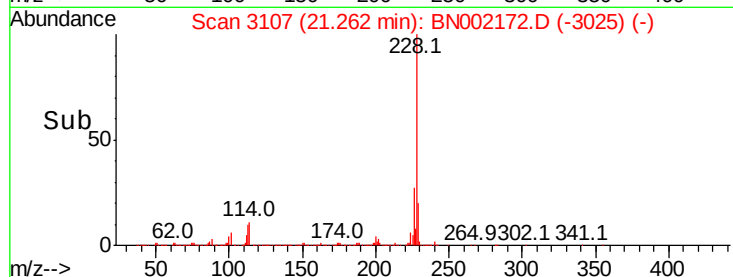
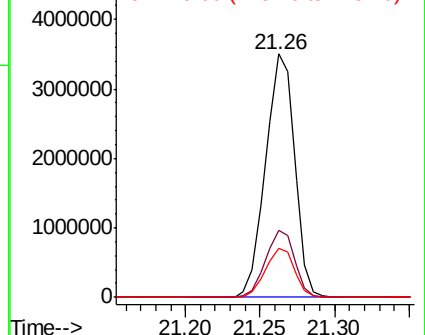


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 107.659 ng

RT: 21.20 min Scan# 3097

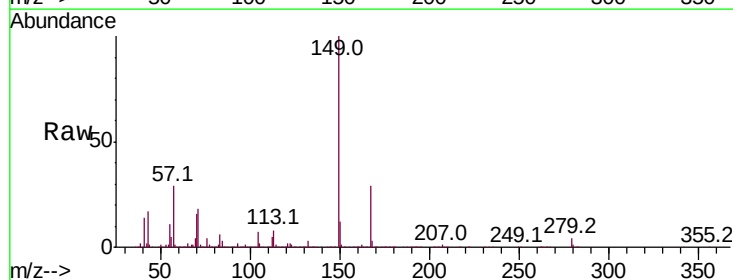
Delta R.T. 0.01 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Tgt Ion:149 Resp: 2794601

Ion	Ratio	Lower	Upper
149	100		
167	28.7	24.3	36.5
279	4.4	4.0	6.0

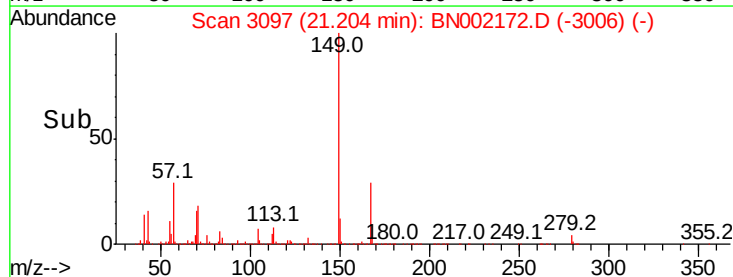
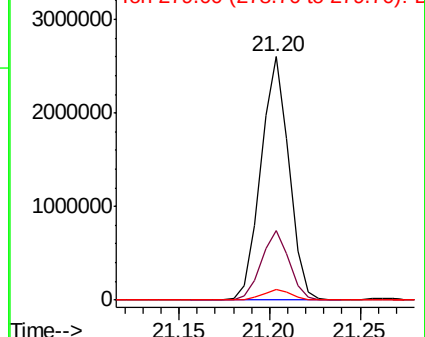


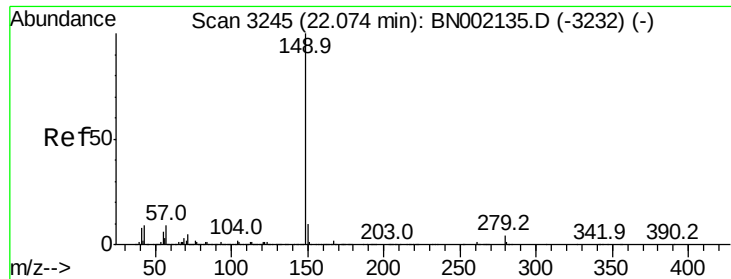
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 80.359 ng

RT: 22.09 min Scan# 3247

Delta R.T. 0.01 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Instrument :

BNA_N

ClientSampleId :

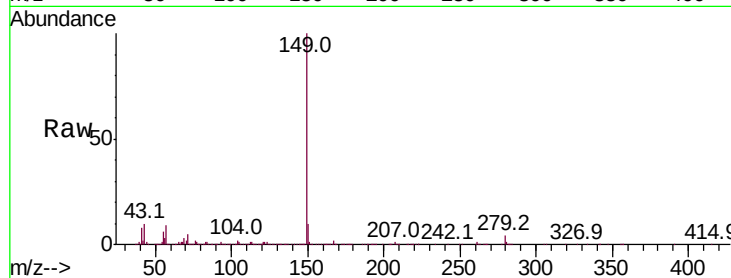
Tot Ion:149 Resp: 3307418

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

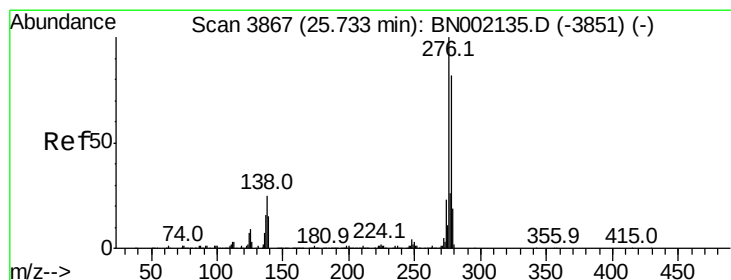
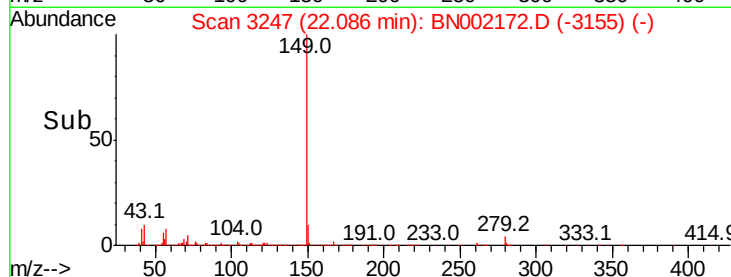
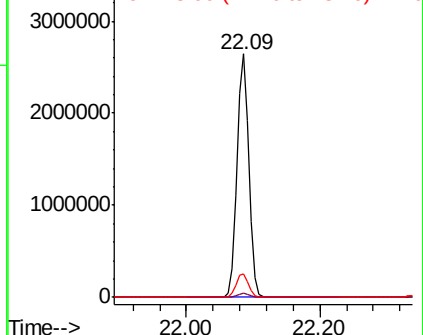
43 10.0 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#85

Indeno(1,2,3-cd)pyrene

Concen: 58.804 ng

RT: 25.74 min Scan# 3869

Delta R.T. 0.01 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

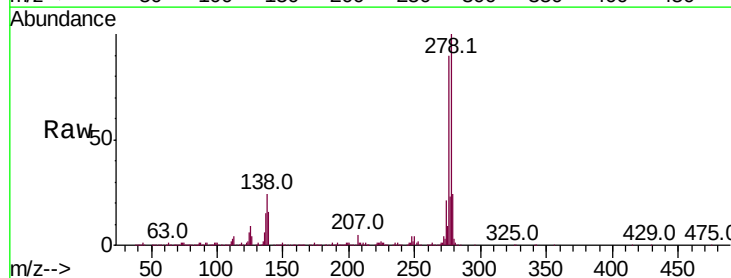
Tgt Ion:276 Resp: 2063061

Ion Ratio Lower Upper

276 100

138 26.8 16.0 24.0#

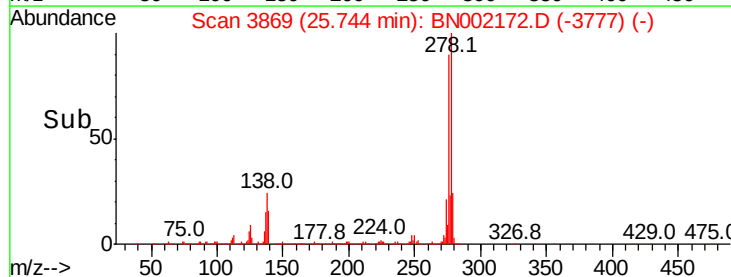
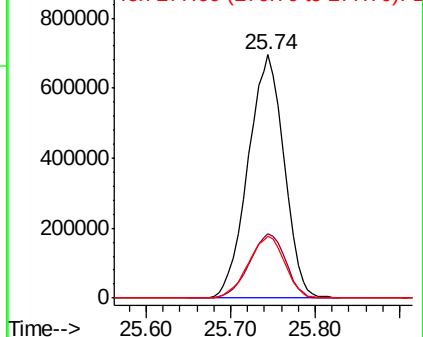
277 25.9 20.0 30.0

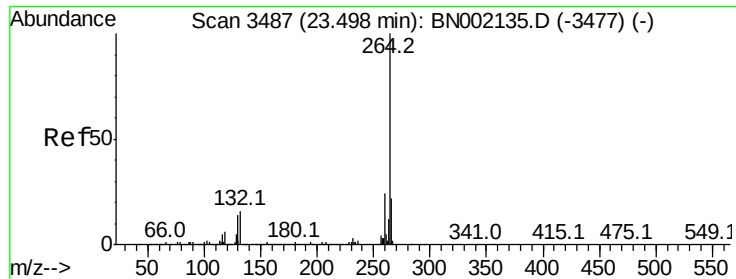


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



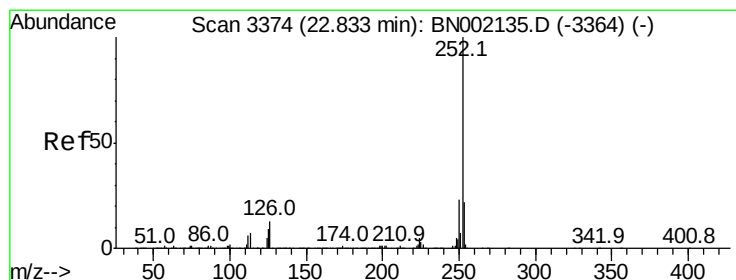
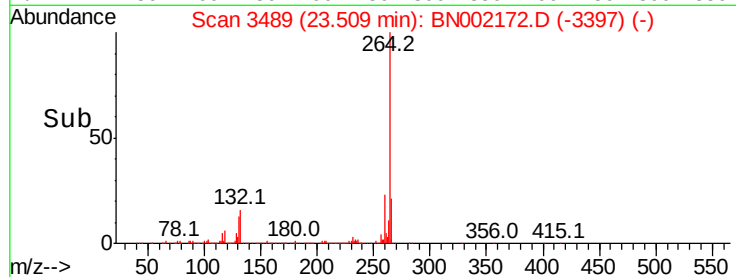
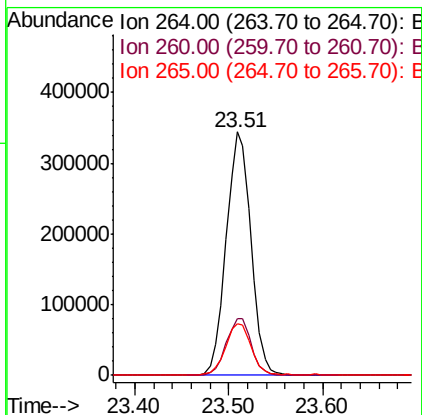
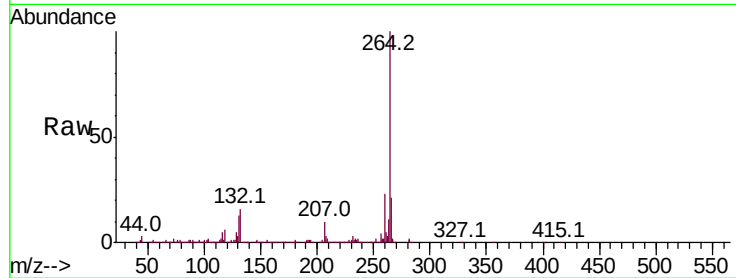


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3489
Delta R.T. 0.01 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 627893

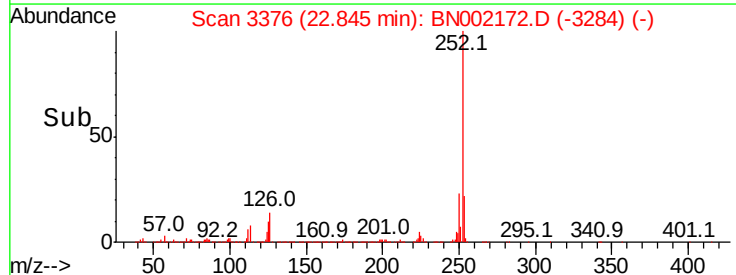
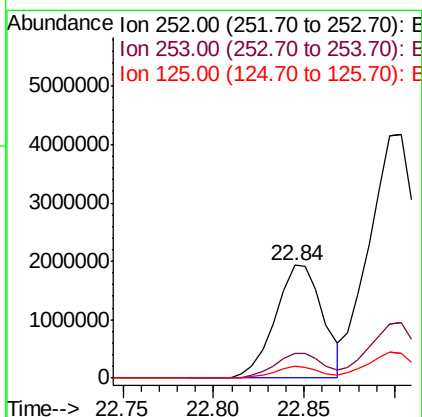
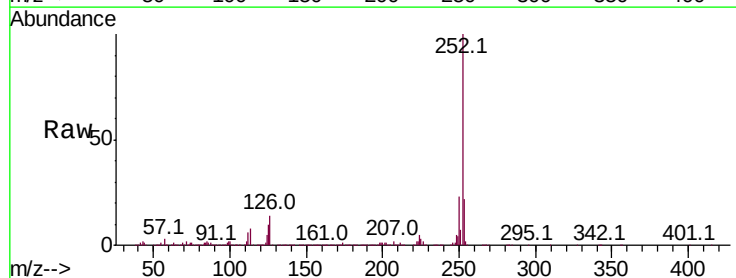
Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.2	17.7	26.5

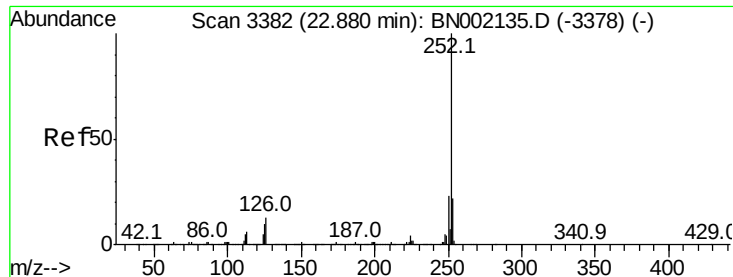


#87
Benzo(b)fluoranthene
Concen: 96.142 ng
RT: 22.84 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

Tgt Ion:252 Resp: 3562695

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.2	7.2	10.8





#88

Benzo(k)fluoranthene

Concen: 201.965 ng

RT: 22.90 min Scan# 3386

Delta R.T. 0.02 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Instrument :

BNA_N

ClientSampled :

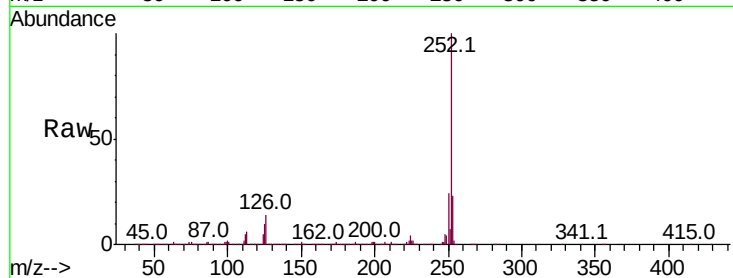
Tot Ion:252 Resp: 7370718

Ion Ratio Lower Upper

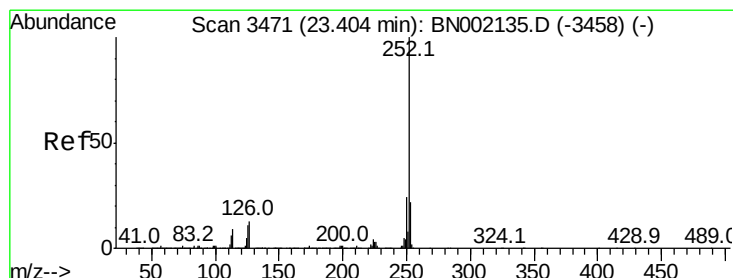
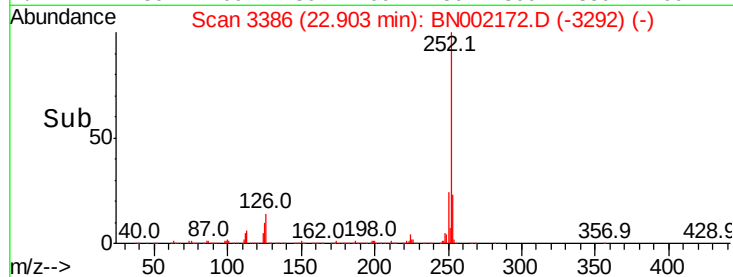
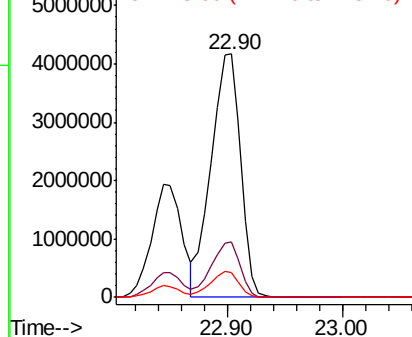
252 100

253 22.8 17.4 26.2

125 10.0 6.6 9.8#



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



#89

Benzo(a)pyrene

Concen: 210.698 ng

RT: 23.43 min Scan# 3475

Delta R.T. 0.02 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

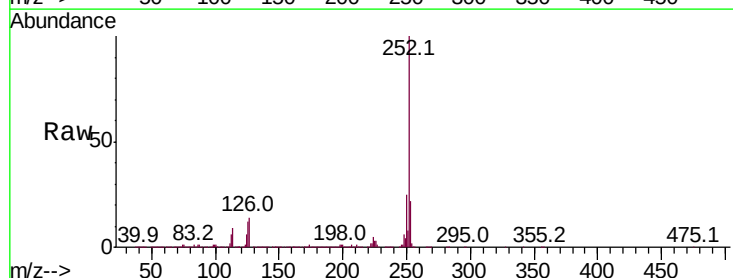
Tgt Ion:252 Resp: 7291794

Ion Ratio Lower Upper

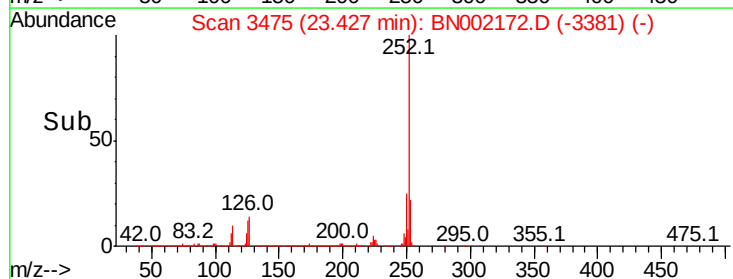
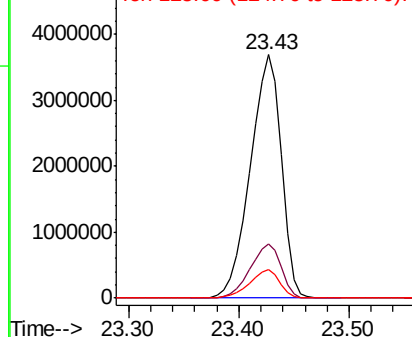
252 100

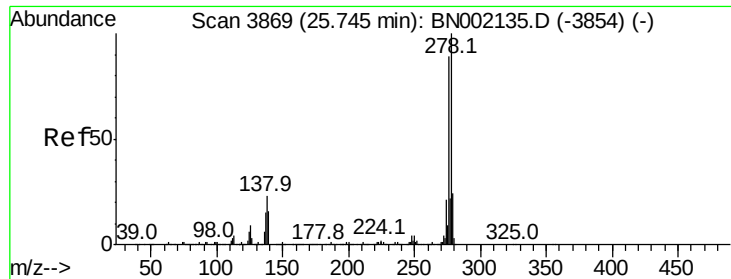
253 22.4 18.3 27.5

125 11.6 7.3 10.9#



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





#90

Dibenzo(a,h)anthracene

Concen: 69.273 ng

RT: 25.76 min Scan# 3871

Delta R.T. 0.01 min

Lab File: BN002172.D

Acq: 26 Jul 2018 13:46

Instrument :

BNA_N

ClientSampleId :

Tot Ion:278 Resp: 2250826

Ion Ratio Lower Upper

278 100

139 15.1 9.8 14.6#

279 23.7 18.4 27.6

