

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 :
 1524

Quant Time: Jul 27 01:48:17 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
8) 2-Chlorophenol	7.26	128	1966979	156.425	ng	93
10) Phenol	6.90	94	2087988	133.873	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
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
25) Isophorone	9.40	82	3812181	159.541	ng	95
26) 2-Nitrophenol	9.59	139	289318	41.527	ng	98
29) 2,4-Dichlorophenol	10.12	162	1337841	118.408	ng	94
31) Naphthalene	10.52	128	1465588	40.691	ng	98
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
57) Fluorene	15.38	166	5417142	193.077	ng	97
59) Diethylphthalate	15.16	149	5531167	176.911	ng	99
66) 4-Bromophenyl-phenylether	16.27	248	959158	114.771	ng	92
69) Pentachlorophenol	16.73	266	468501	78.737	ng	100
70) Phenanthrene	17.12	178	5990704	153.739	ng	100
71) Anthracene	17.20	178	2106744	54.623	ng	97
79) Butylbenzylphthalate	20.42	149	2363998	126.997	ng	94
80) Benzo(a)anthracene	21.26	228	4720609	124.903	ng	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	2794601	107.659	ng	97
84) Di-n-octyl phthalate	22.09	149	3307418	80.359	ng	98
85) Indeno(1,2,3-cd)pyrene	25.74	276	2063061	58.804	ng	# 92
87) Benzo(b)fluoranthene	22.84	252	3562695	96.142	ng	98
88) Benzo(k)fluoranthene	22.90	252	7370718	201.965	ng	# 97

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QLast Update : Thu Jul 26 18:27:25 2018
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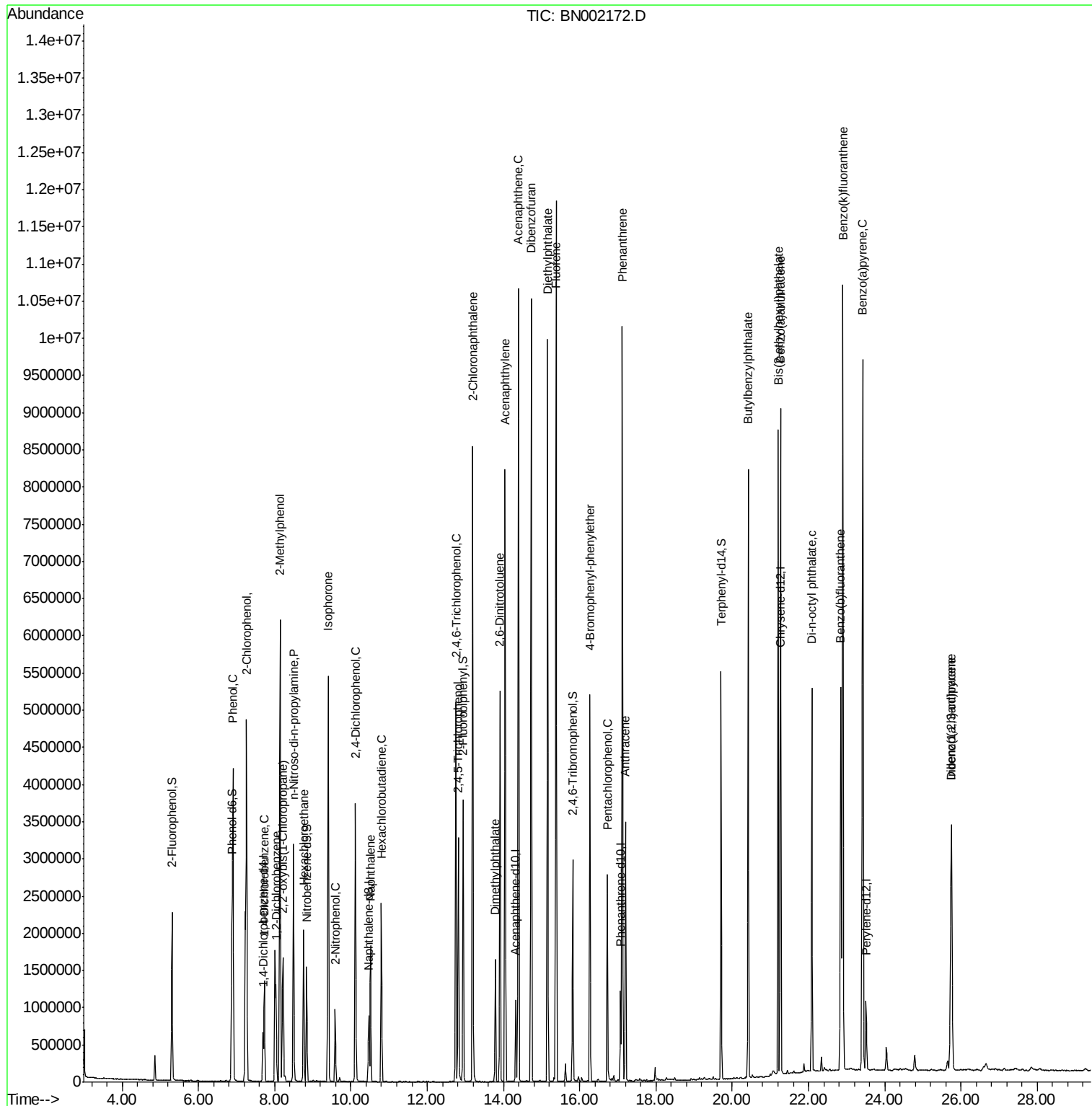
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	23.43	252	7291794	210.698	ng	# 97
90) Dibenzo(a,h)anthracene	25.76	278	2250826	69.273	ng	# 96

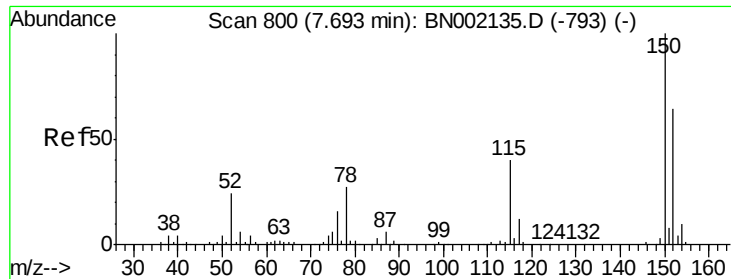
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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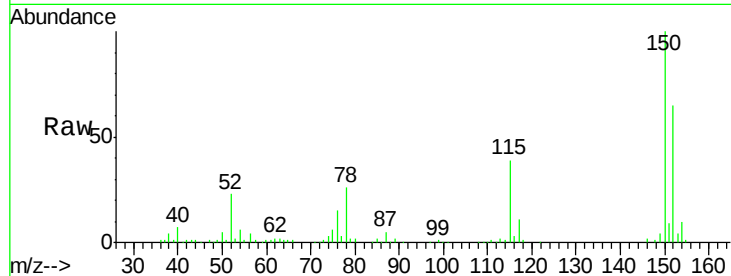


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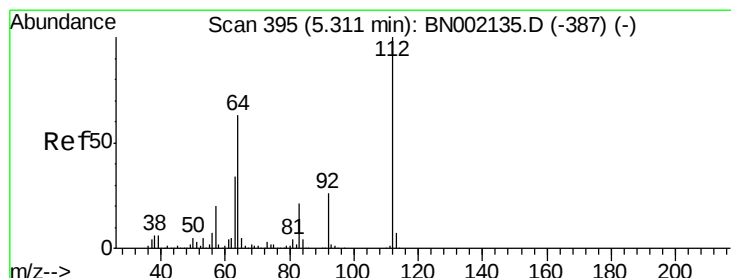
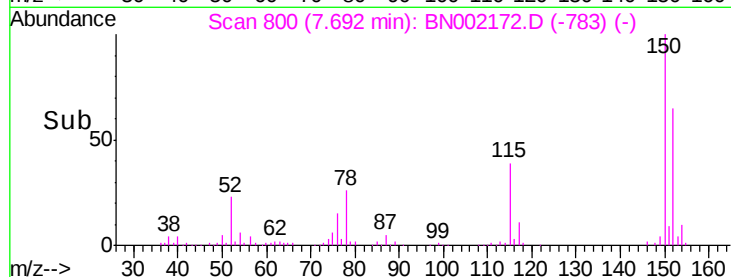
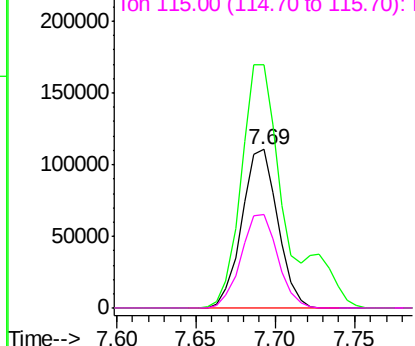
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BN002172.D
 Acq: 26 Jul 2018 13:46

Instrument :
 BNA_N
 ClientSampleId :
 1524

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



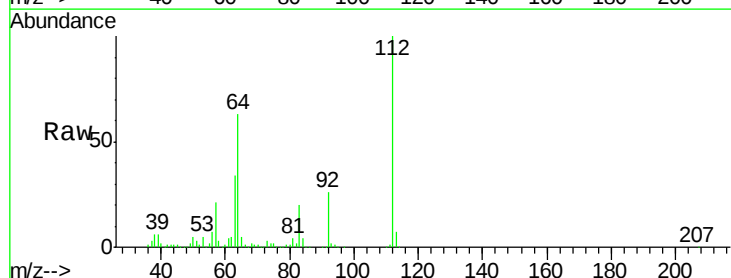
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



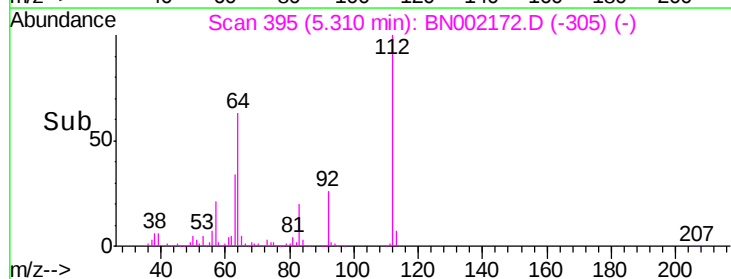
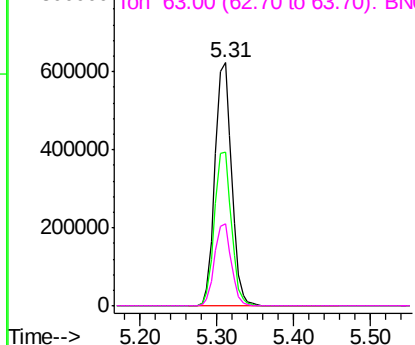
#5

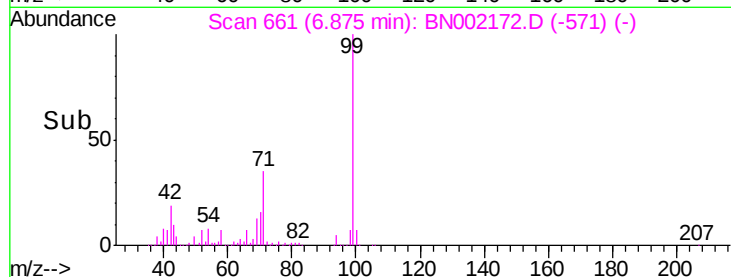
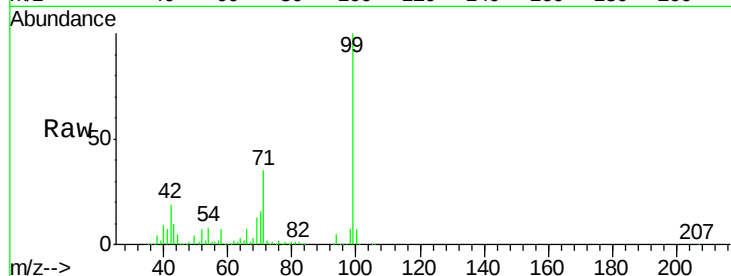
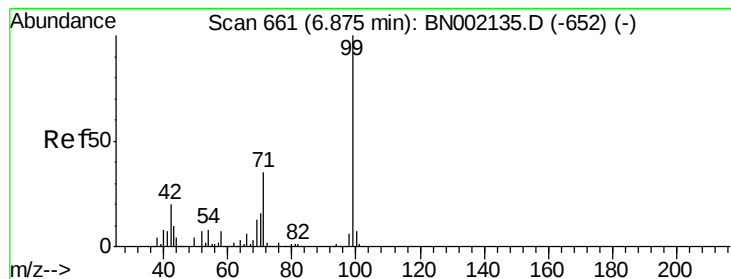
2-Fluorophenol
 Concen: 85.458 ng
 RT: 5.31 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: BN002172.D
 Acq: 26 Jul 2018 13:46

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





#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

Instrument :

BNA_N

ClientSampled :

1524

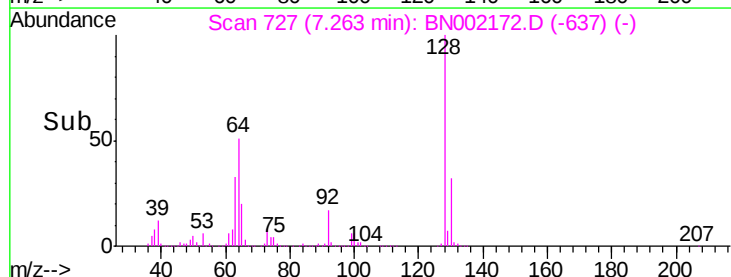
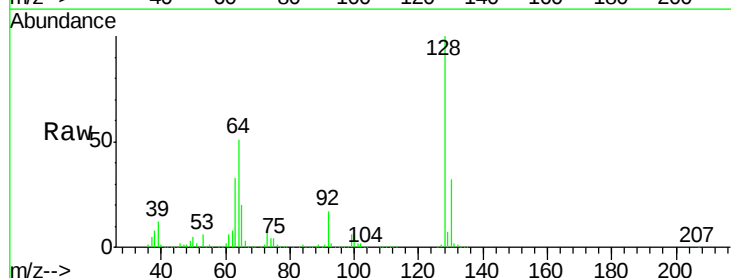
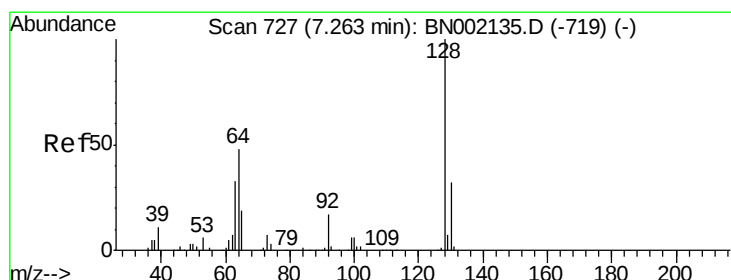
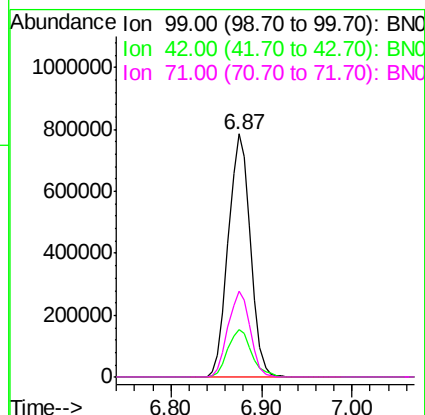
Tgt Ion: 99 Resp: 1340950

Ion Ratio Lower Upper

99 100

42 19.4 14.1 21.1

71 35.4 26.1 39.1



#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

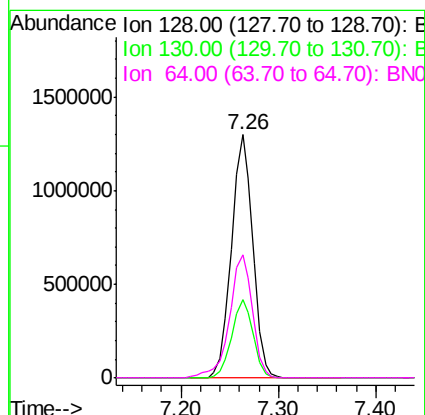
Tgt Ion: 128 Resp: 1966979

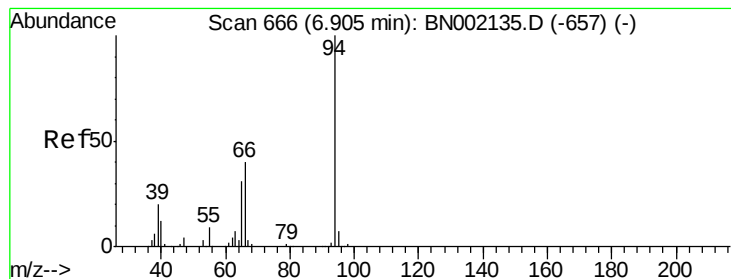
Ion Ratio Lower Upper

128 100

130 32.3 14.0 54.0

64 50.6 37.7 77.7





#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

Instrument :

BNA_N

ClientSampleId :

1524

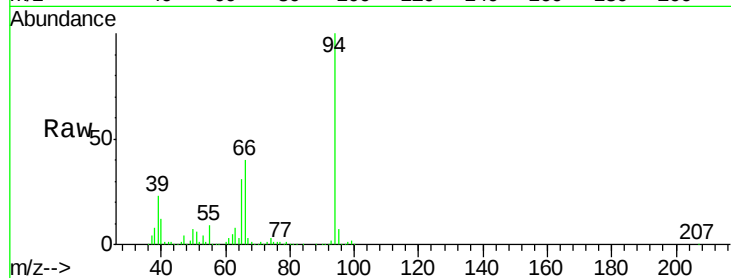
Tgt Ion: 94 Resp: 2087988

Ion Ratio Lower Upper

94 100

65 30.7 11.9 51.9

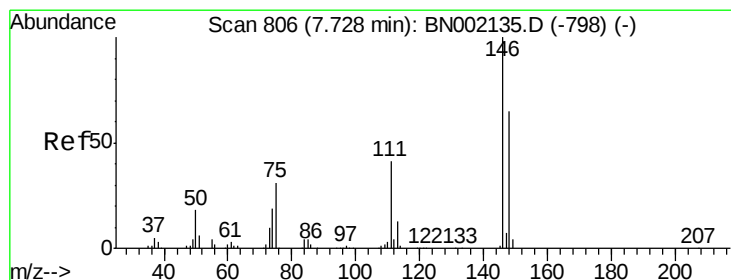
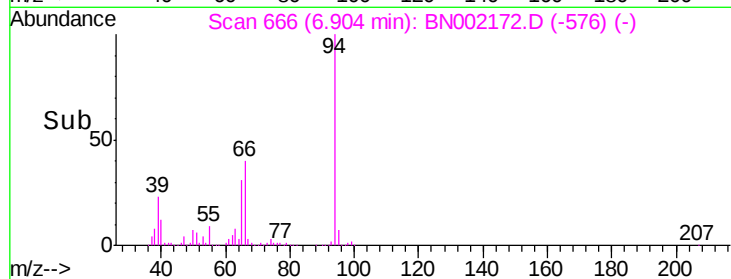
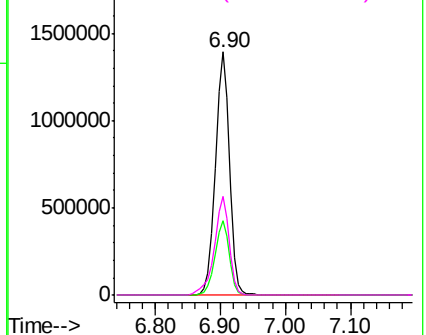
66 40.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BN002135.D (-657) (-)

Ion 65.00 (64.70 to 65.70): BN002135.D (-657) (-)

Ion 66.00 (65.70 to 66.70): BN002135.D (-657) (-)



#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

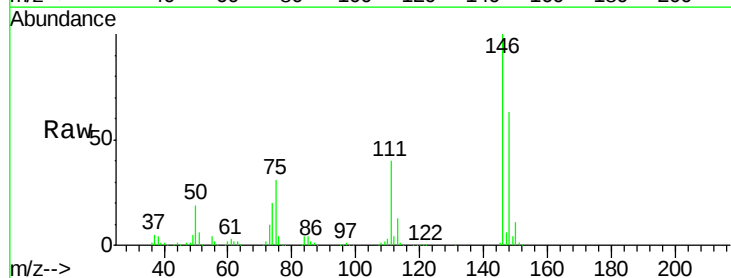
Tgt Ion: 146 Resp: 547985

Ion Ratio Lower Upper

146 100

148 63.4 53.7 80.5

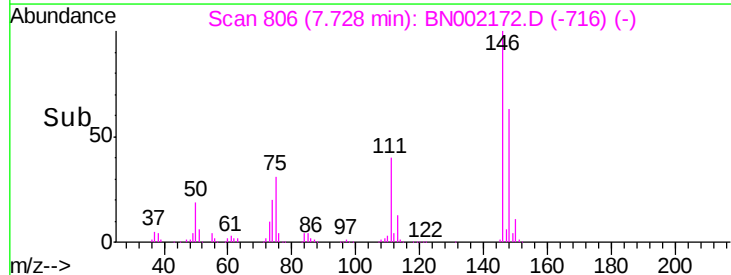
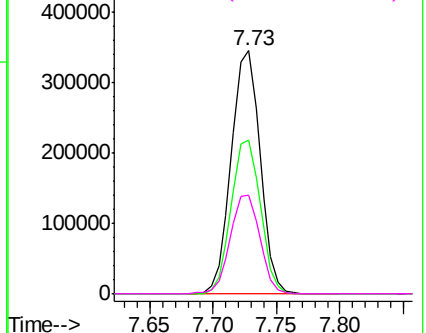
111 40.5 35.2 52.8

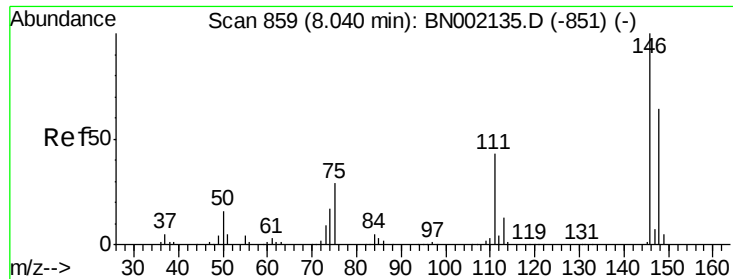


Abundance Ion 146.00 (145.70 to 146.70): BN002135.D (-798) (-)

Ion 148.00 (147.70 to 148.70): BN002135.D (-798) (-)

Ion 111.00 (110.70 to 111.70): BN002135.D (-798) (-)





#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

Instrument :

BNA_N

ClientSampleId :

1524

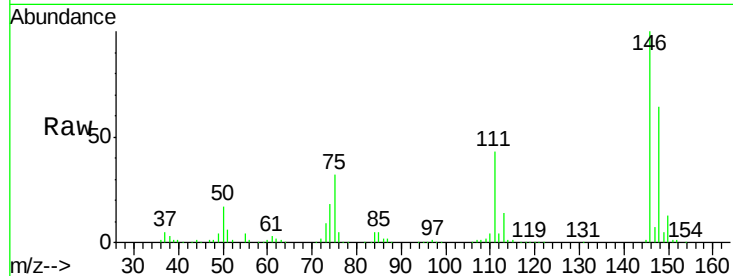
Tgt Ion:146 Resp: 519992

Ion Ratio Lower Upper

146 100

148 63.6 49.3 73.9

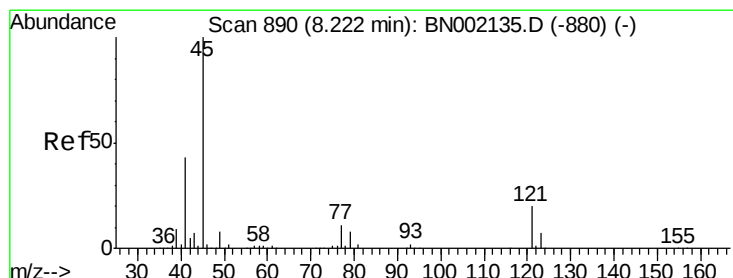
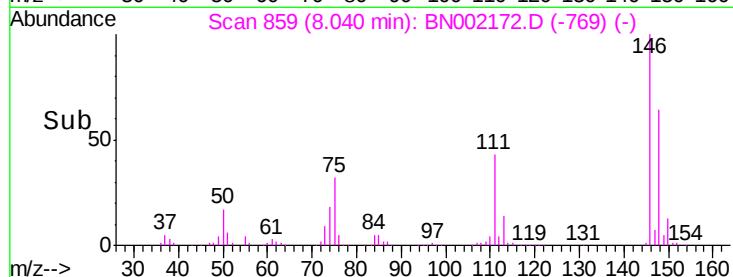
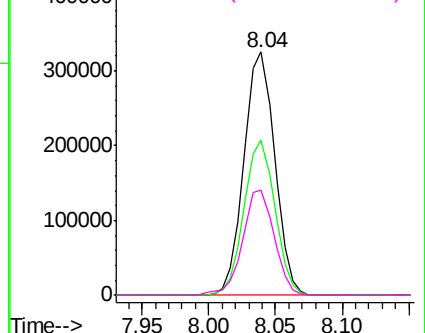
111 43.0 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#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

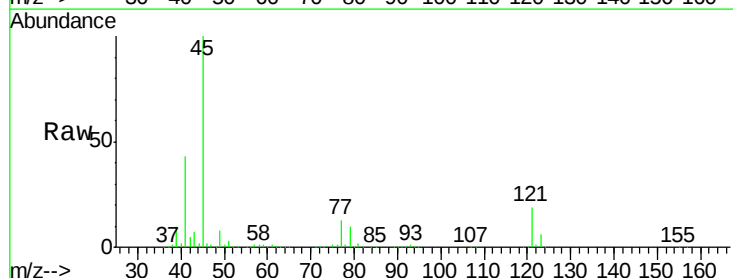
Tgt Ion: 45 Resp: 1634420

Ion Ratio Lower Upper

45 100

77 12.7 0.0 30.2

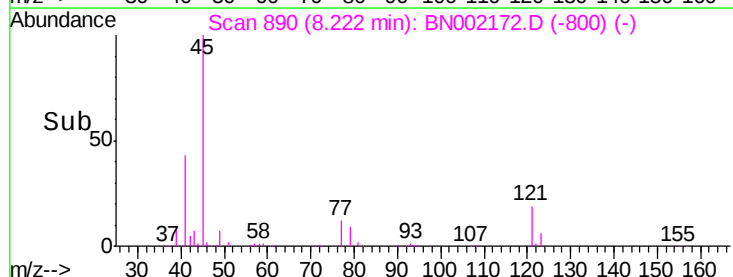
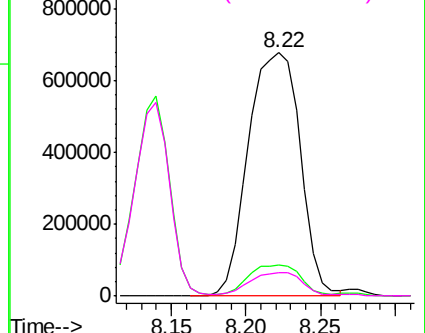
79 9.8 0.0 27.9

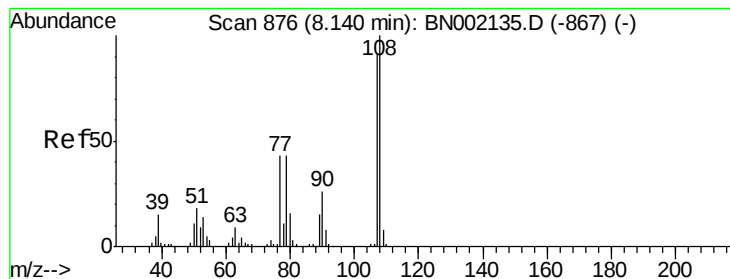


Abundance Ion 45.00 (44.70 to 45.70): BNC

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

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Tgt Ion:107 Resp: 1866964

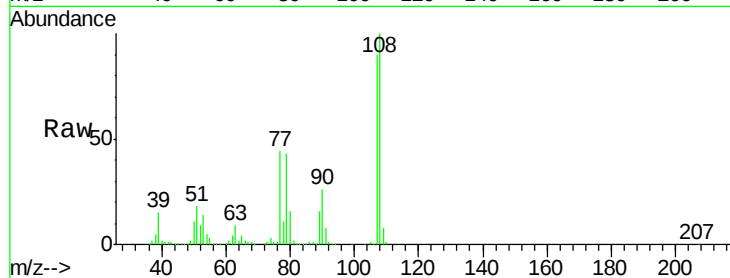
Ion Ratio Lower Upper

107 100

108 110.7 83.9 125.9

77 48.7 37.2 55.8

79 47.2 36.2 54.2

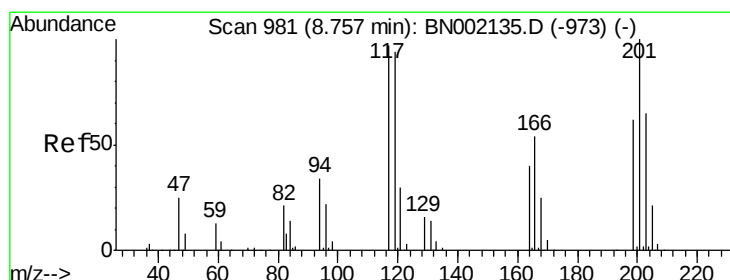
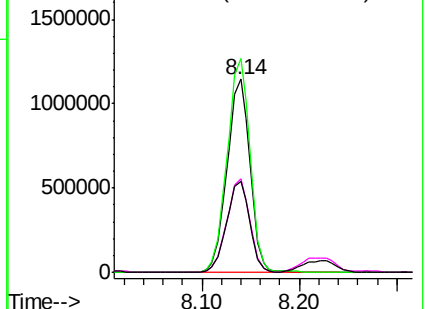
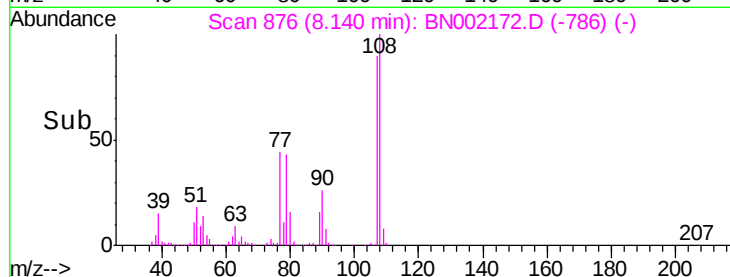


Abundance Ion 107.00 (106.70 to 107.70): E

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

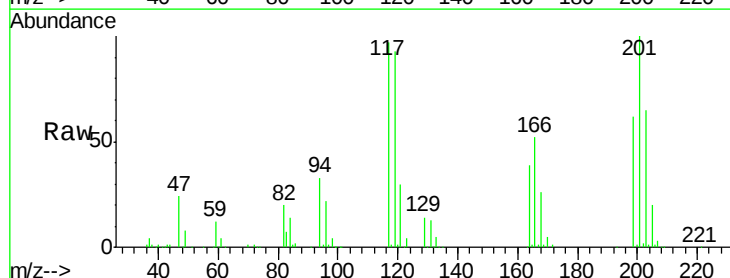
Tgt Ion:117 Resp: 396700

Ion Ratio Lower Upper

117 100

119 95.7 76.7 115.1

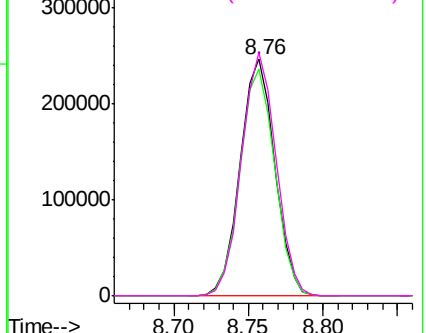
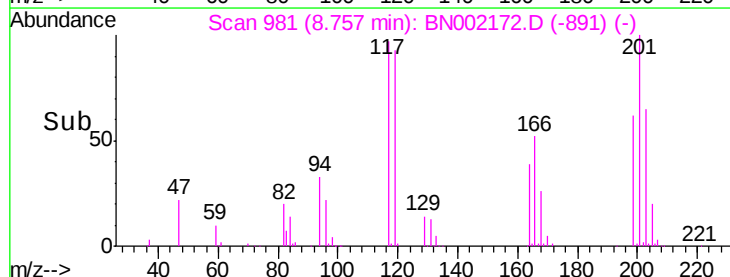
201 102.8 95.7 143.5

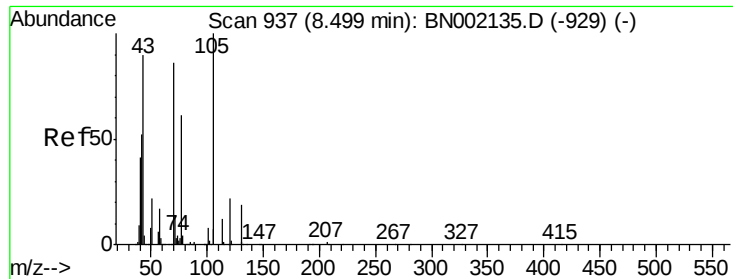


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

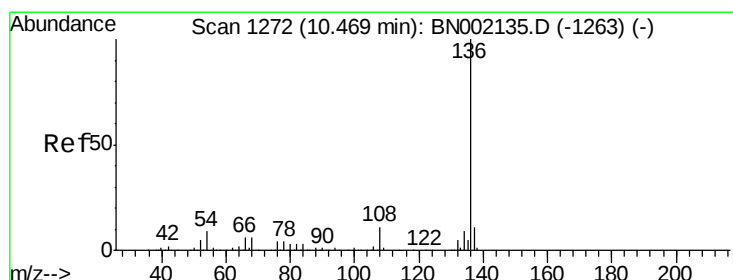
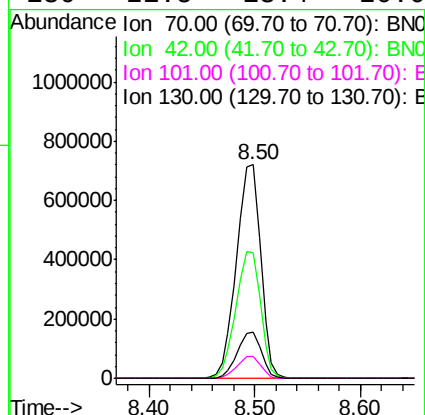
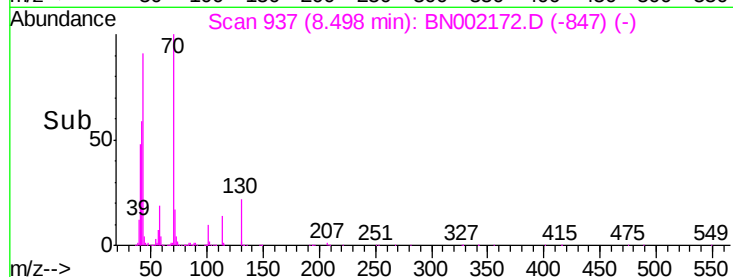
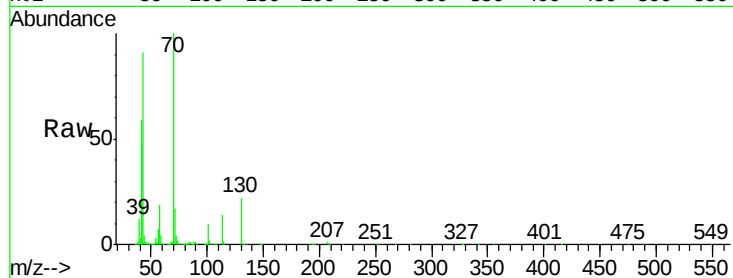




#19
n-Nitroso-di-n-propylamine
Concen: 103.829 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.00 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

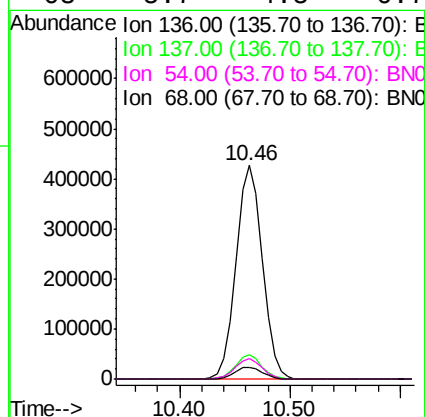
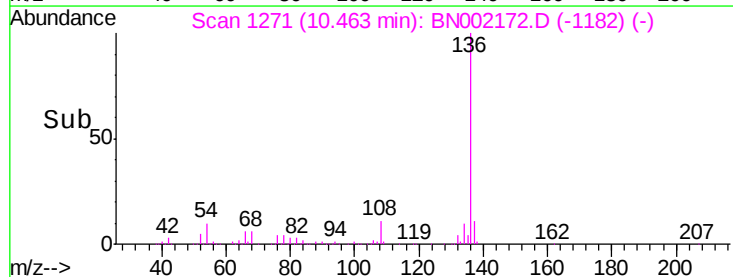
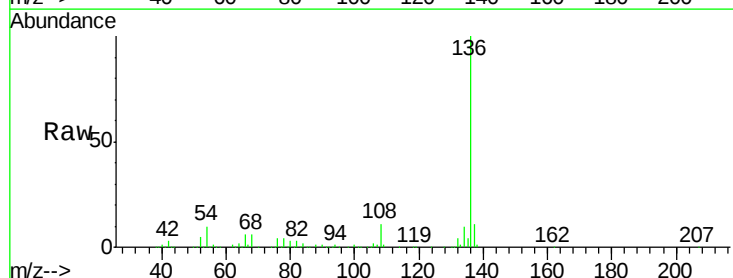
Instrument :
BNA_N
ClientSampled :
1524

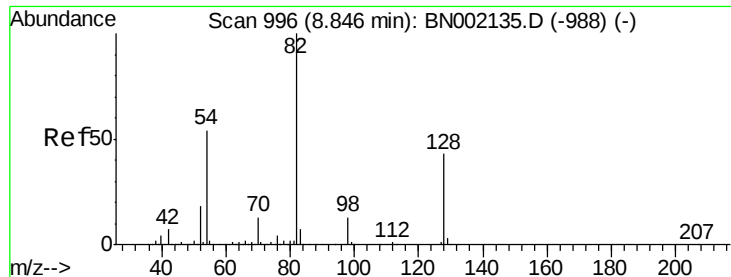
Tgt Ion: 70 Resp: 1145911
Ion Ratio Lower Upper
70 100
42 58.7 49.1 73.7
101 10.0 8.5 12.7
130 21.5 13.4 20.0#



#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

Tgt 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

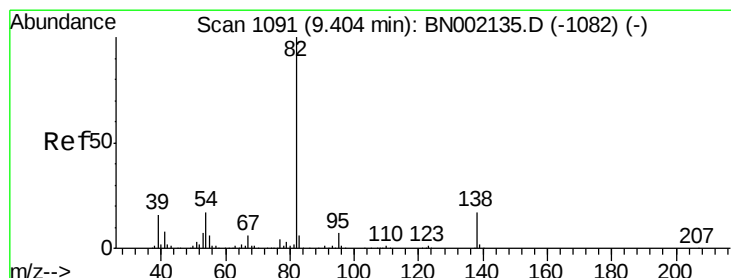
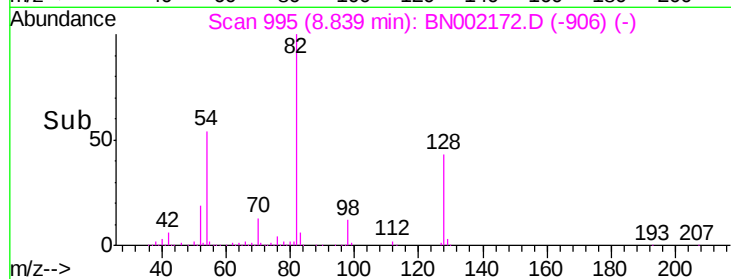
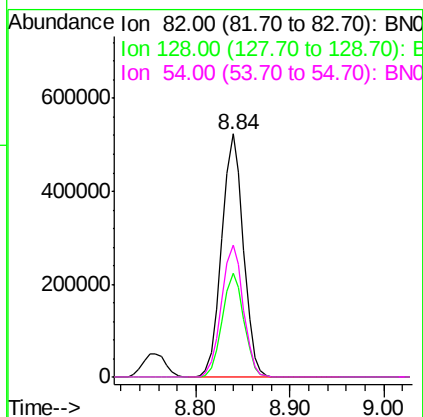
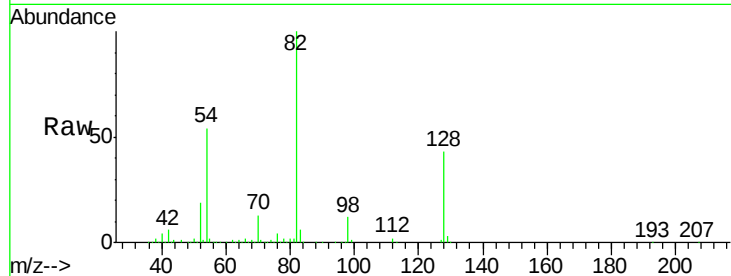




#23
Nitrobenzene-d5
Concen: 60.647 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

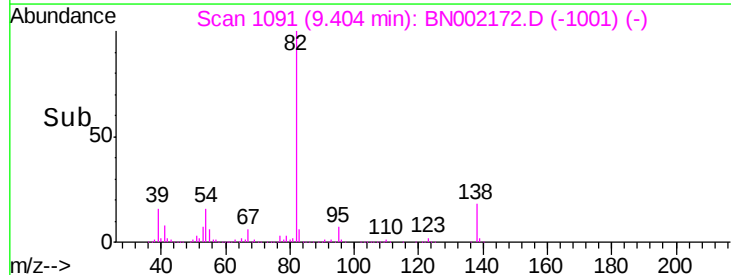
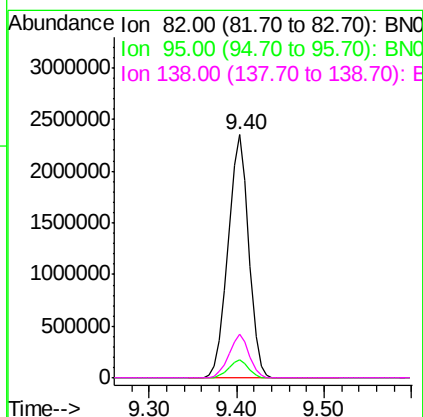
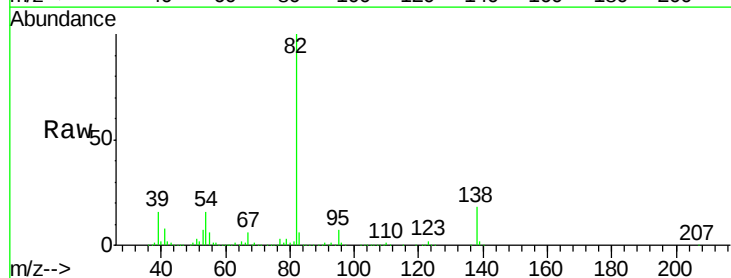
Instrument :
BNA_N
ClientSampleId :
1524

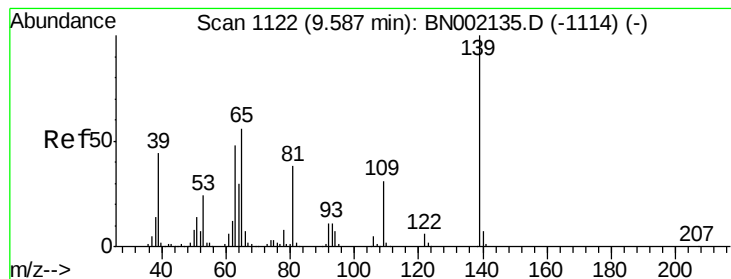
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.7	44.5
54	54.1	43.1	64.7



#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

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.2	9.2
138	18.0	12.1	18.1





#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

Instrument :

BNA_N

ClientSampleId :

1524

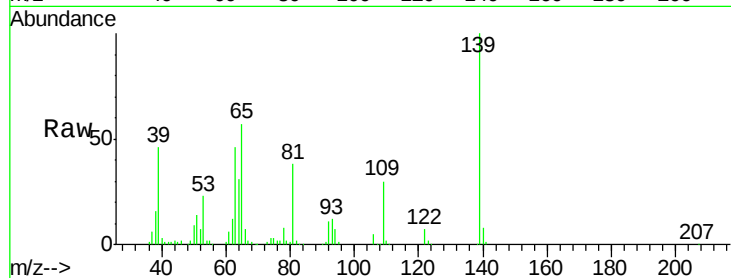
Tgt Ion:139 Resp: 289318

Ion Ratio Lower Upper

139 100

109 30.5 24.2 36.2

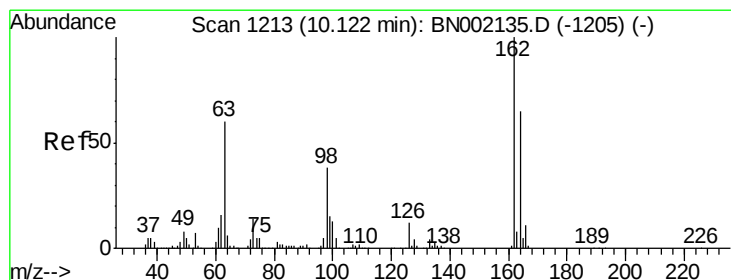
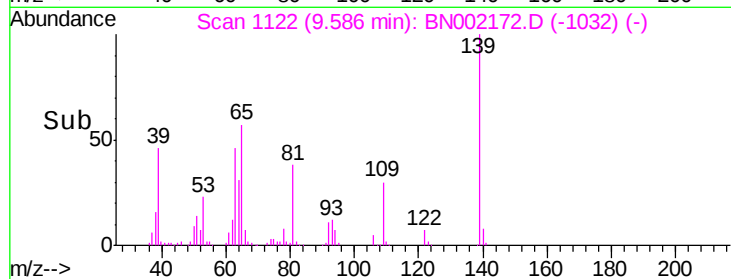
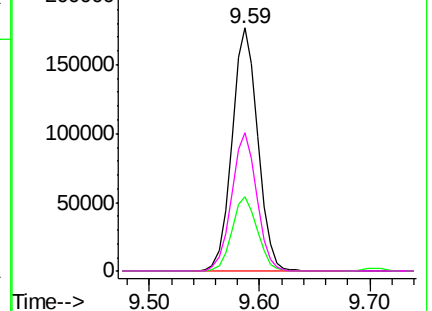
65 56.9 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): 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

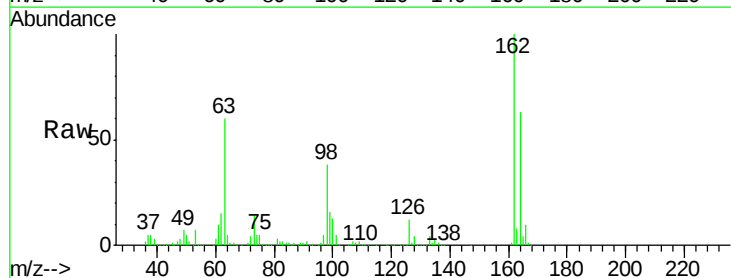
Tgt Ion:162 Resp: 1337841

Ion Ratio Lower Upper

162 100

164 63.5 48.0 88.0

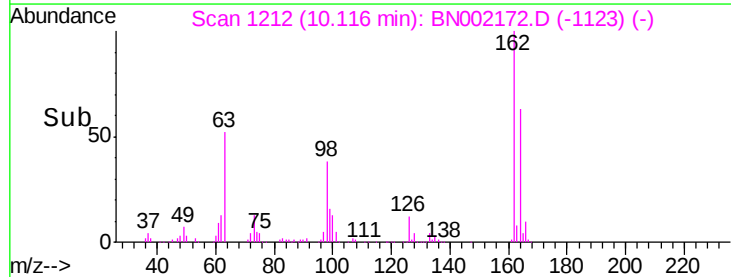
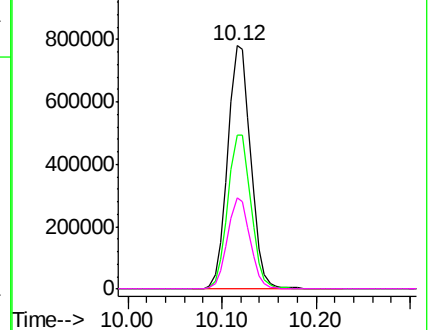
98 37.5 21.1 61.1

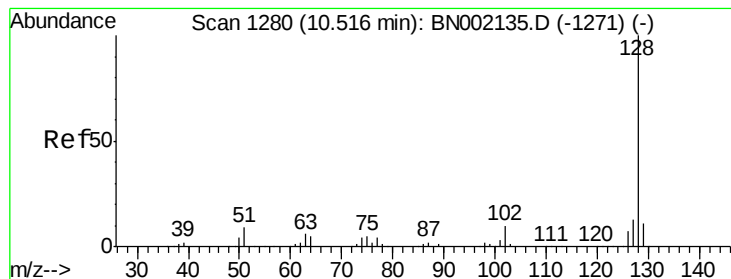


Abundance Ion 162.00 (161.70 to 162.70): E

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

ClientSampleId :
1524

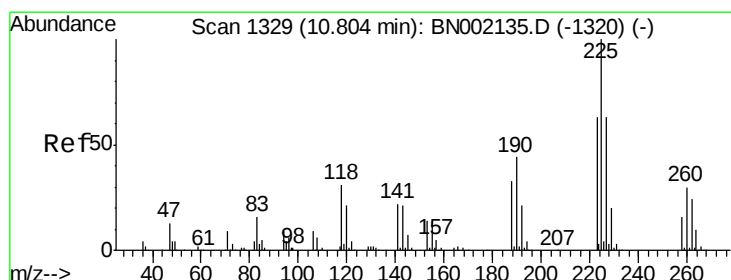
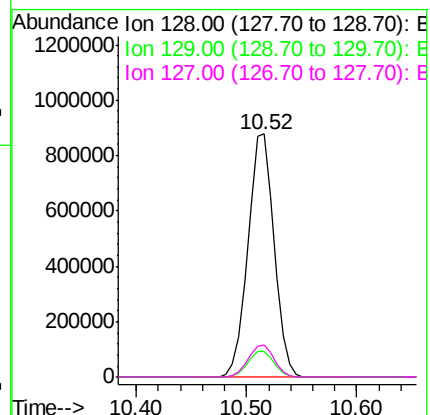
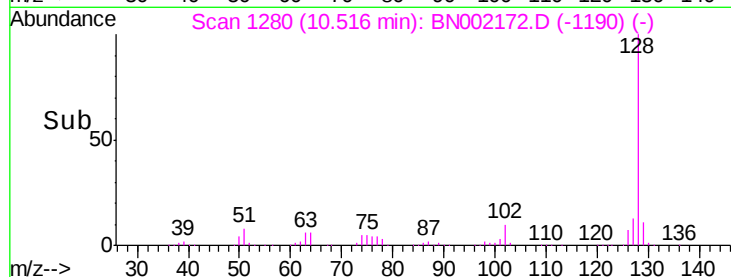
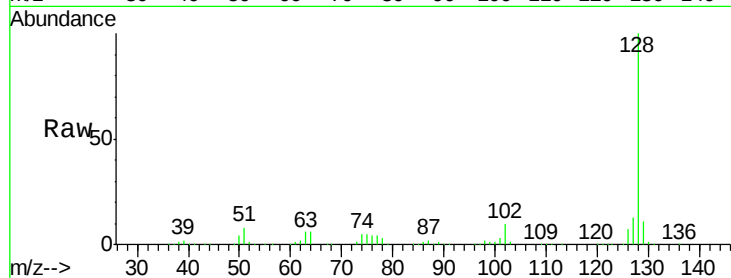
Tgt Ion:128 Resp: 1465588

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 13.4 11.6 17.4



#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

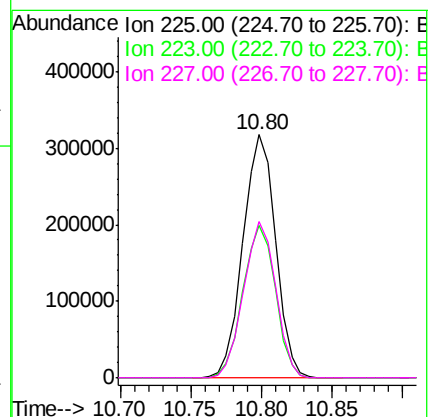
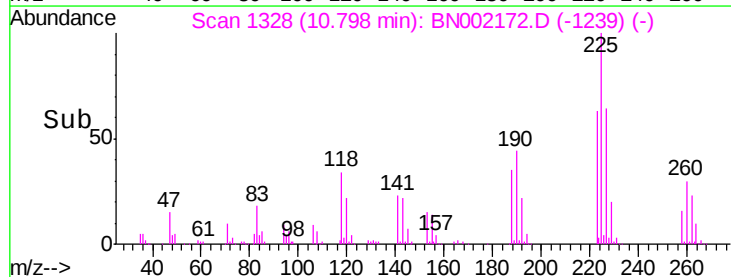
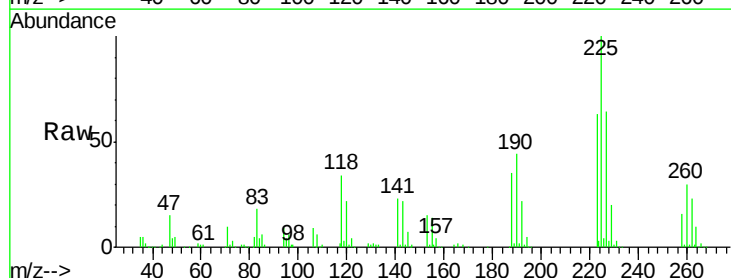
Tgt Ion:225 Resp: 515492

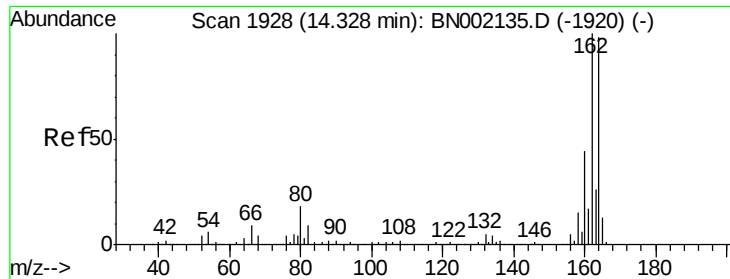
Ion Ratio Lower Upper

225 100

223 62.8 49.7 74.5

227 64.3 48.1 72.1

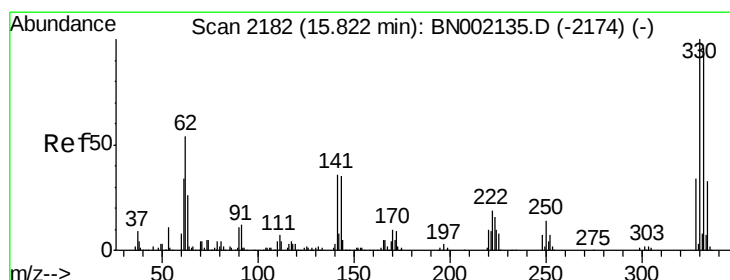
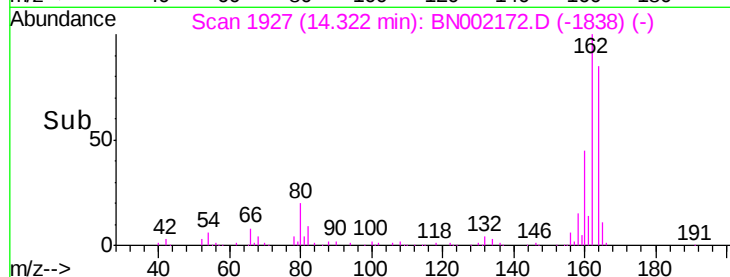
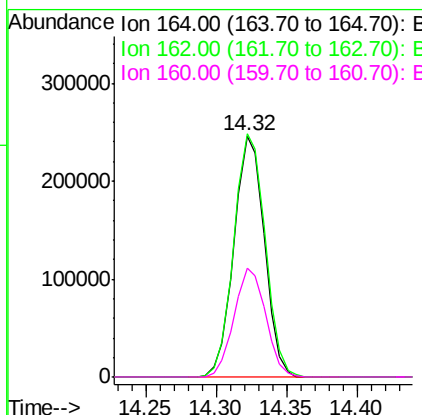
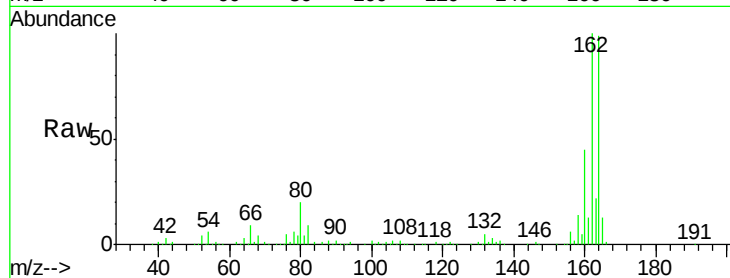




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BN002172.D
 Acq: 26 Jul 2018 13:46

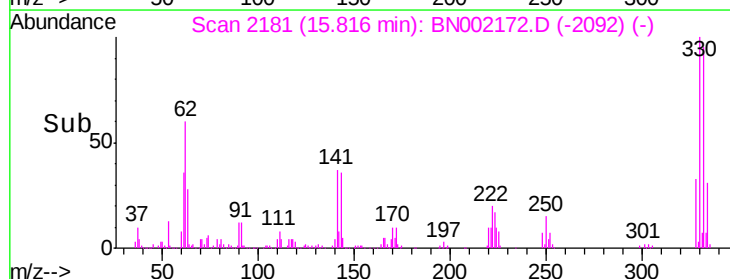
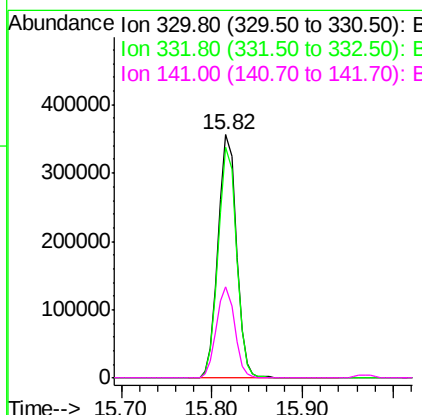
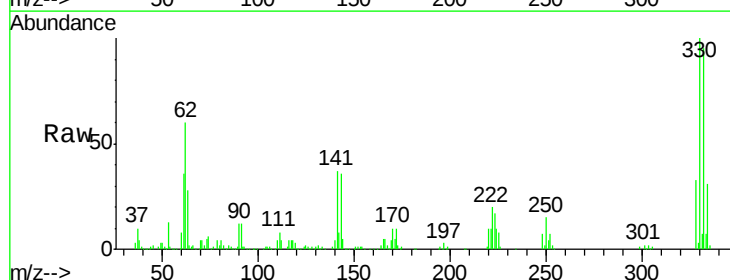
Instrument :
 BNA_N
 ClientSampleId :
 1524

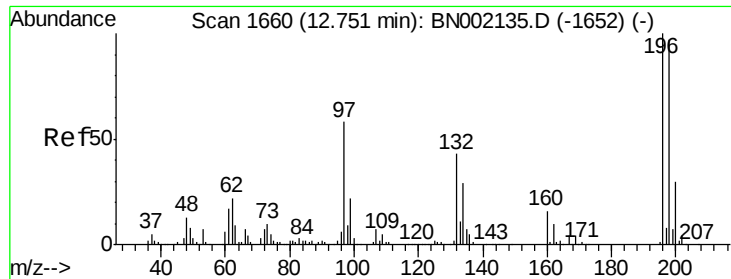
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	45.1	35.4	53.0



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





#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 :

1524

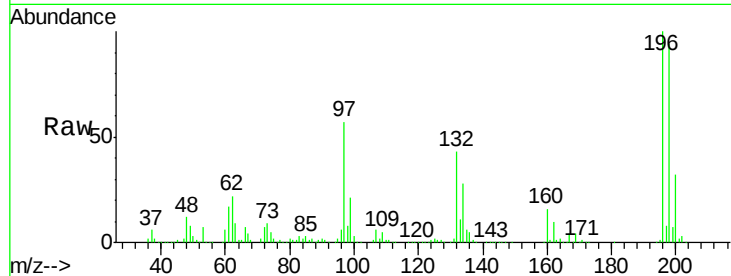
Tgt Ion:196 Resp: 1190146

Ion Ratio Lower Upper

196 100

198 94.4 78.2 117.2

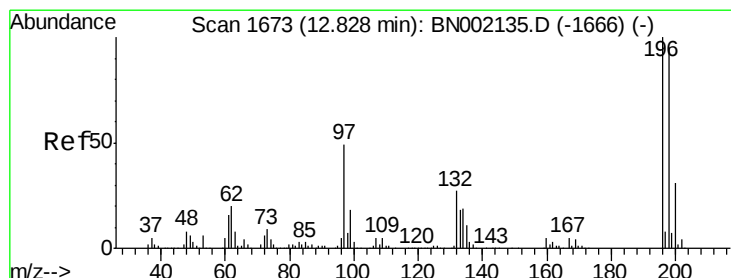
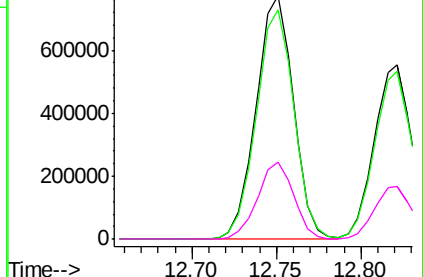
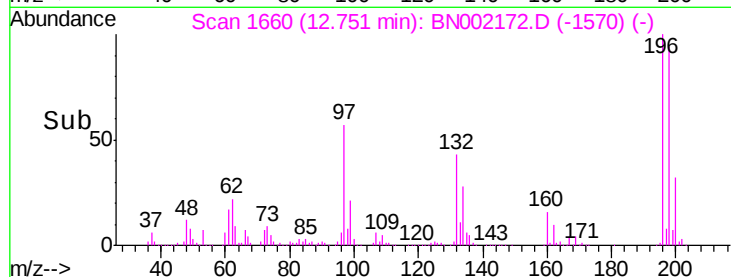
200 31.6 24.6 36.8



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

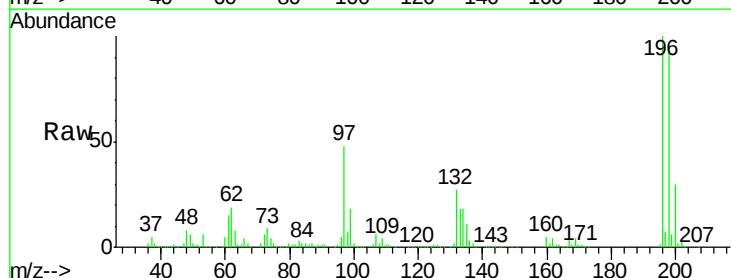
Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.4

97 48.0 38.7 58.1

132 27.2 20.2 30.2

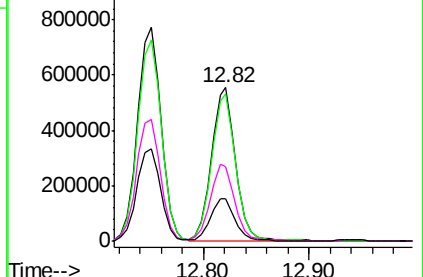
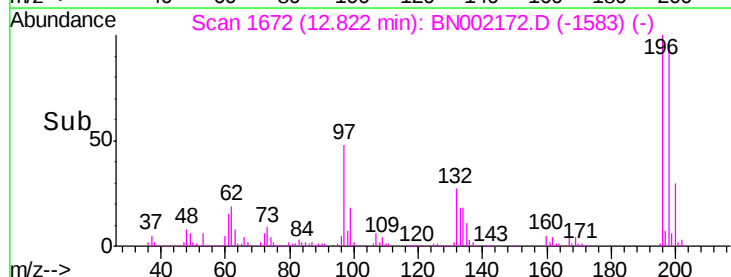


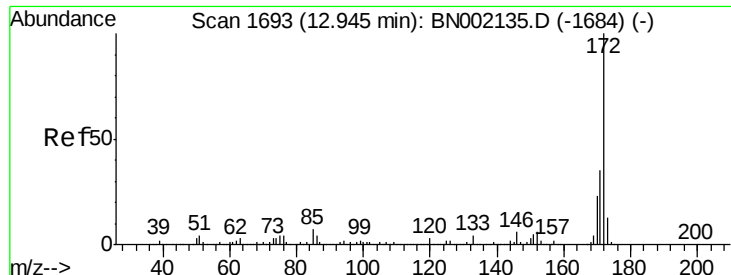
Abundance Ion 196.00 (195.70 to 196.70): E

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

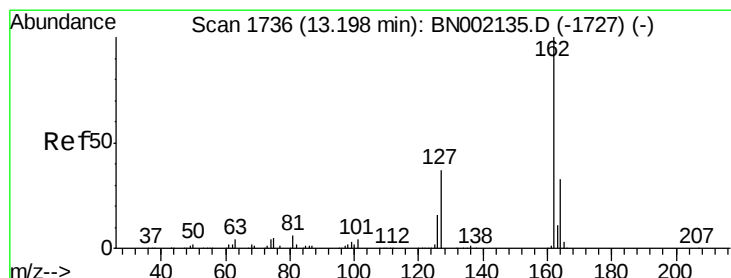
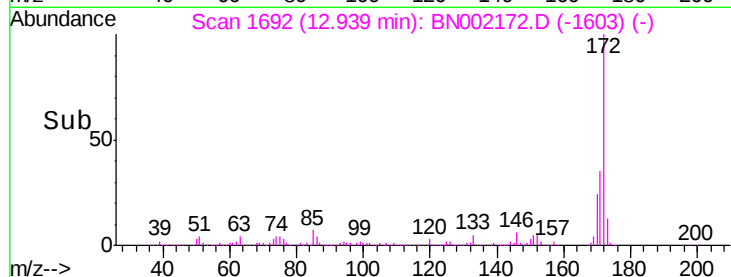
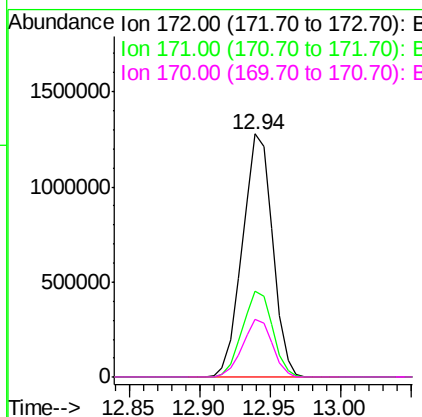
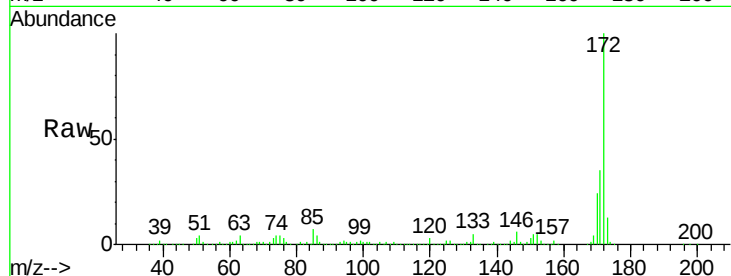




#44
2-Fluorobiphenyl
Concen: 67.573 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

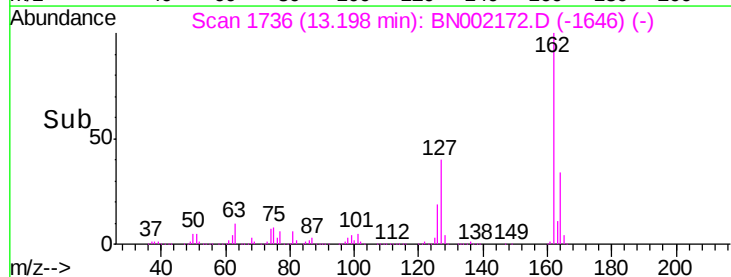
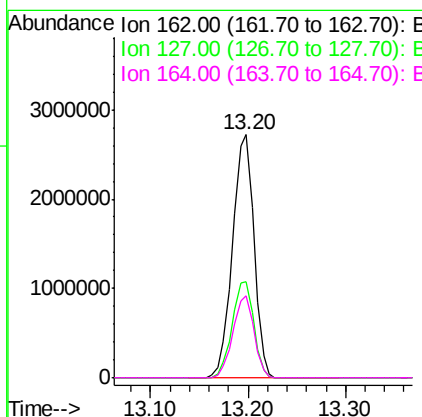
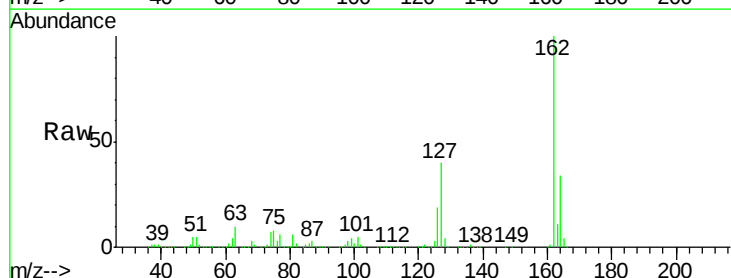
Instrument :
BNA_N
ClientSampleId :
1524

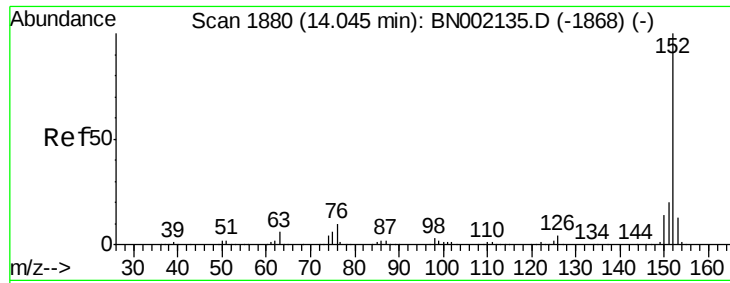
Tgt Ion:172 Resp: 1918467
Ion Ratio Lower Upper
172 100
171 35.5 30.0 45.0
170 23.7 19.5 29.3



#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 :

1524

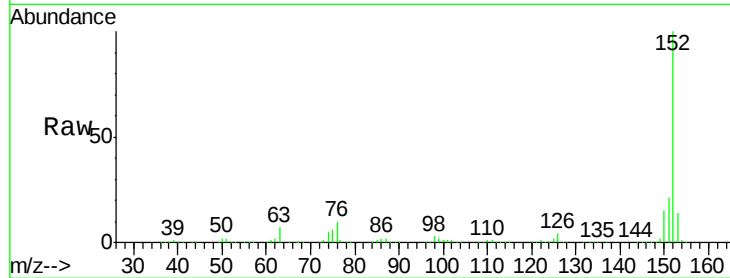
Tgt Ion:152 Resp: 5975602

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

153 13.5 10.2 15.4

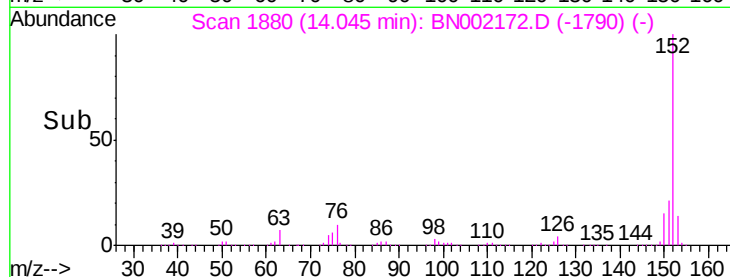


Abundance Ion 152.00 (151.70 to 152.70): E

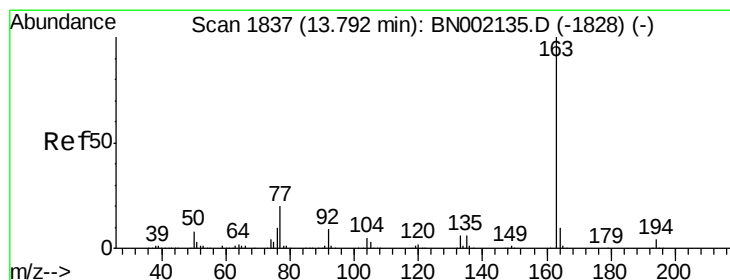
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.05



Time-->



#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

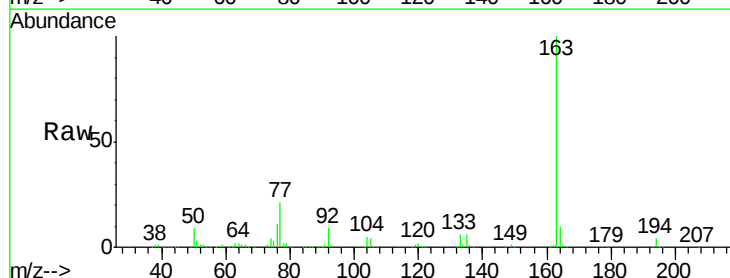
Tgt Ion:163 Resp: 1115262

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.4 8.2 12.4

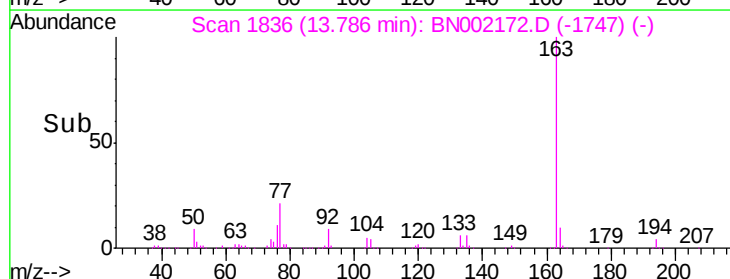


Abundance Ion 163.00 (162.70 to 163.70): E

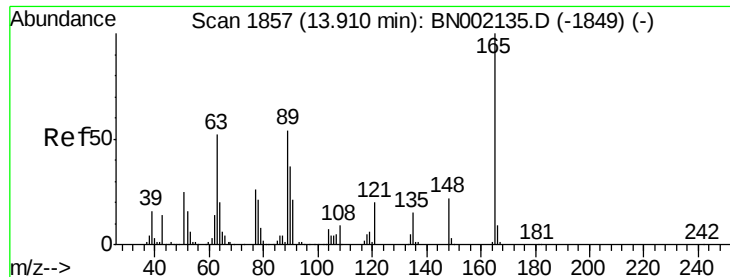
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.79



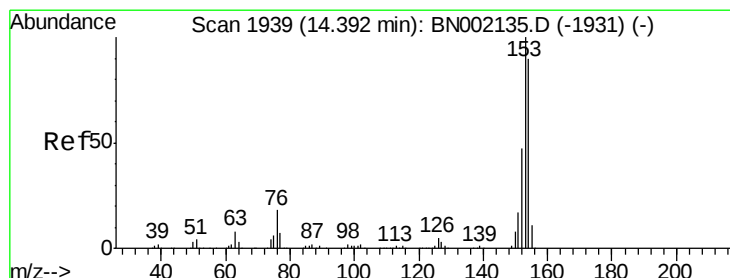
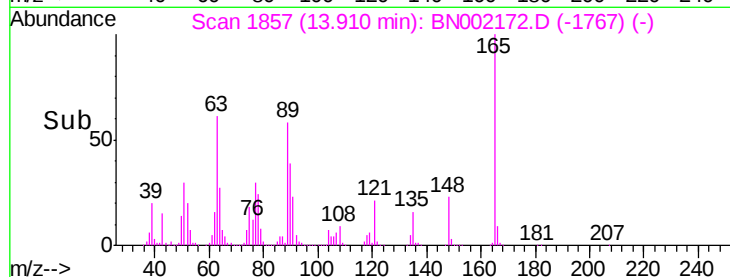
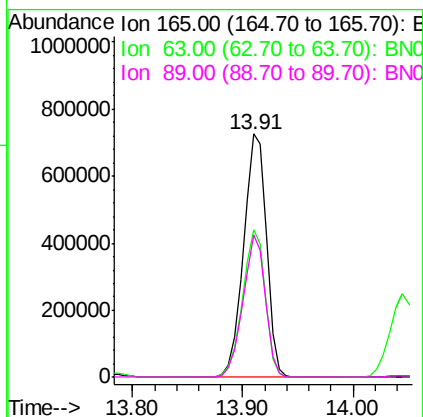
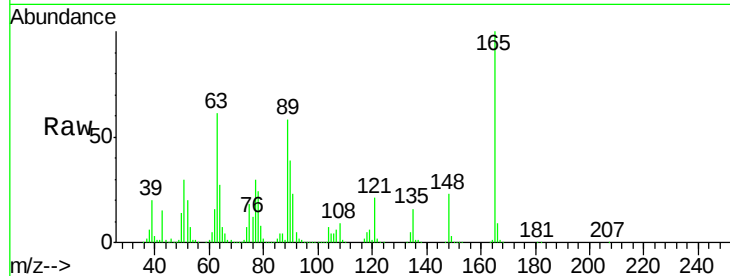
Time-->



#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

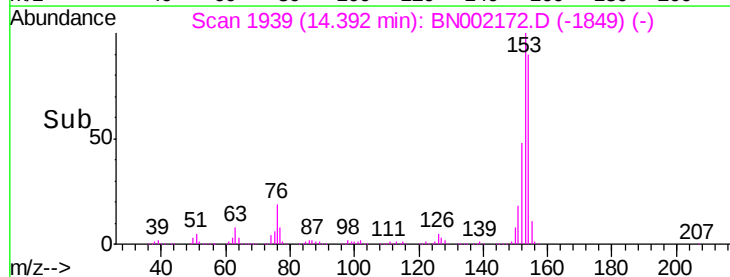
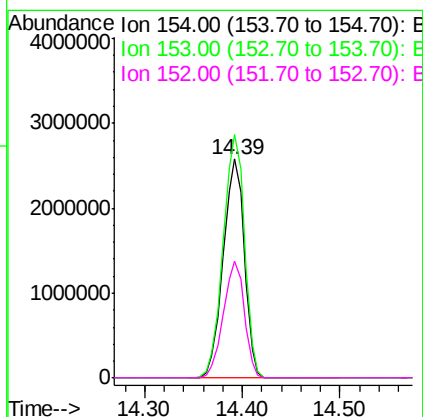
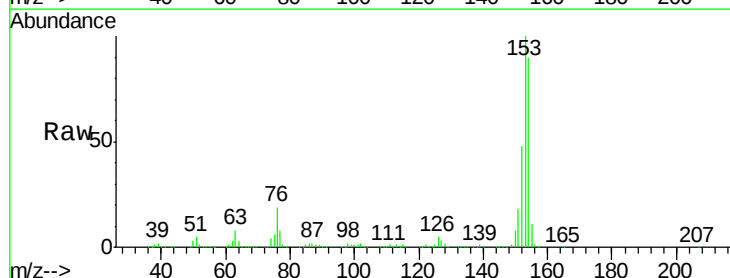
Instrument :
BNA_N
ClientSampleId :
1524

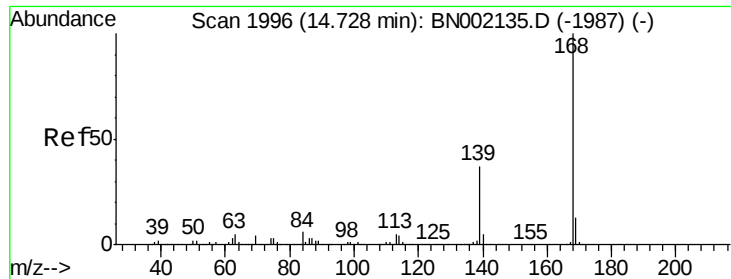
Tgt Ion:165 Resp: 1057634
Ion Ratio Lower Upper
165 100
63 60.7 52.7 79.1
89 58.5 49.2 73.8



#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





#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 :

1524

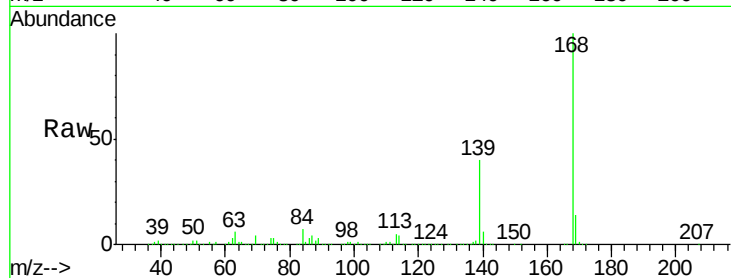
Tgt Ion:168 Resp: 6794089

Ion Ratio Lower Upper

168 100

139 39.7 28.6 43.0

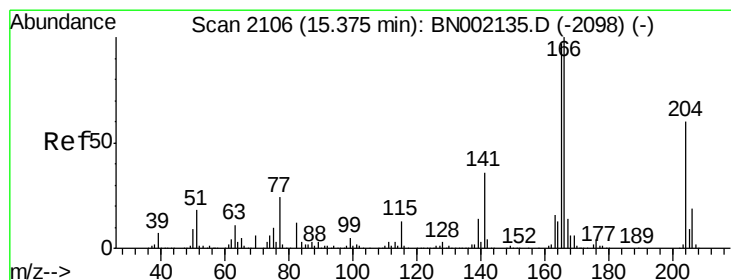
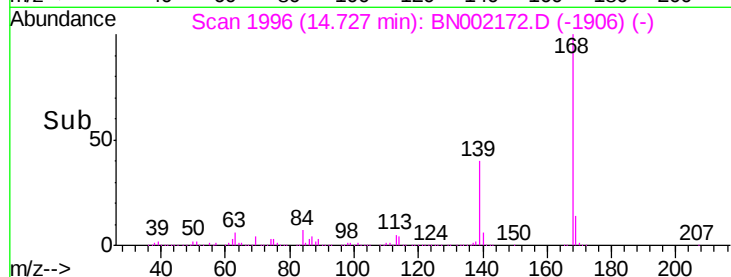
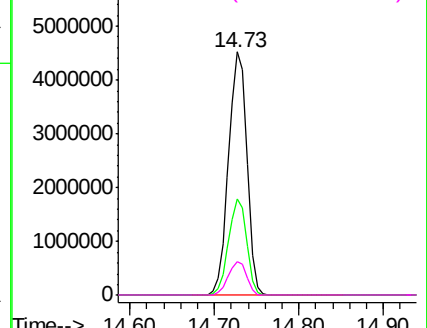
169 13.7 11.2 16.8



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



#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

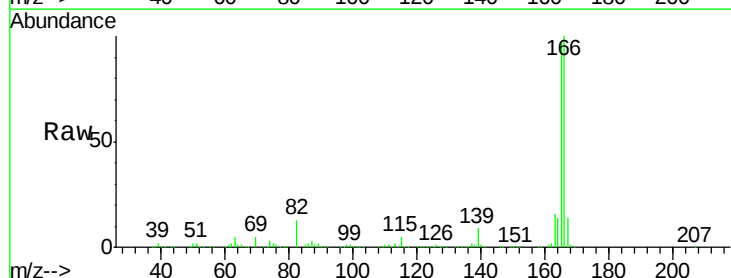
Tgt Ion:166 Resp: 5417142

Ion Ratio Lower Upper

166 100

165 97.2 80.6 121.0

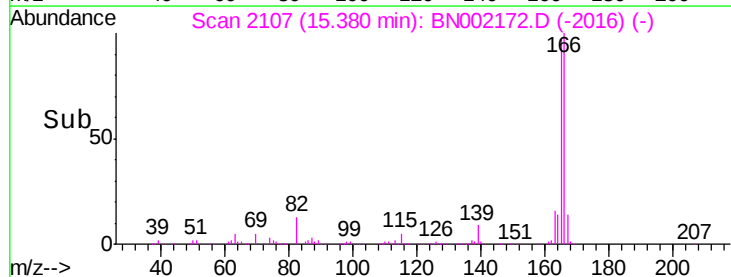
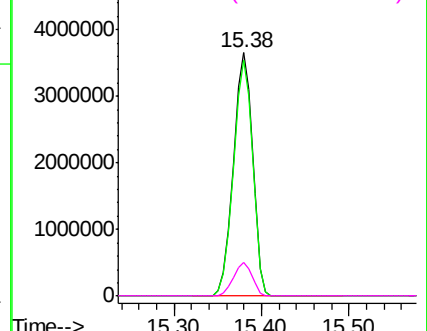
167 13.6 10.4 15.6

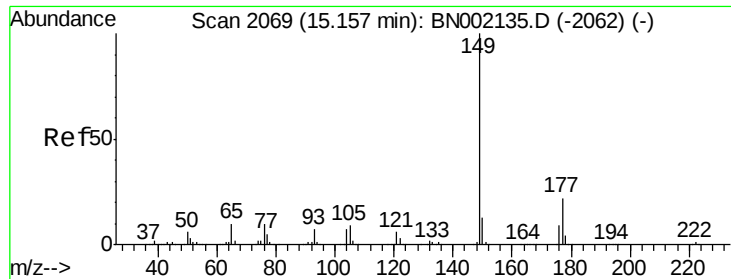


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

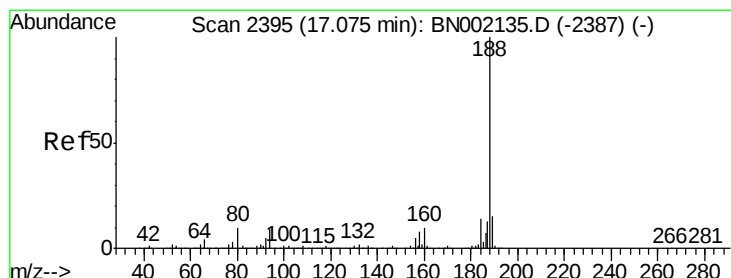
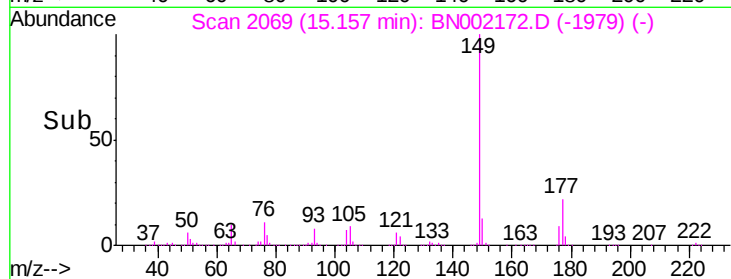
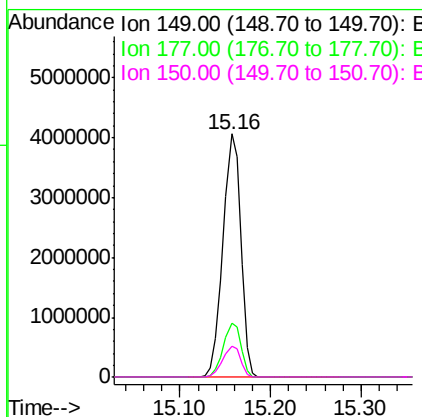
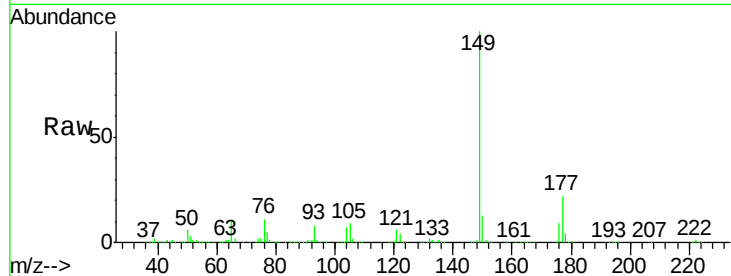




#59
Diethylphthalate
Concen: 176.911 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

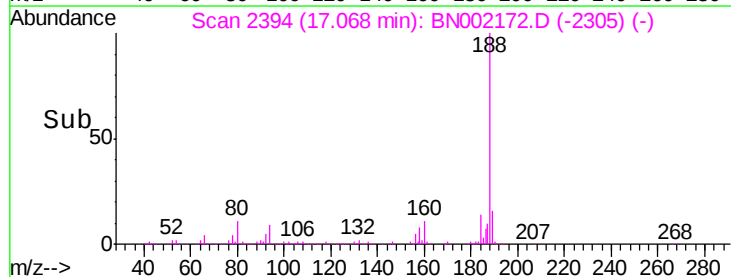
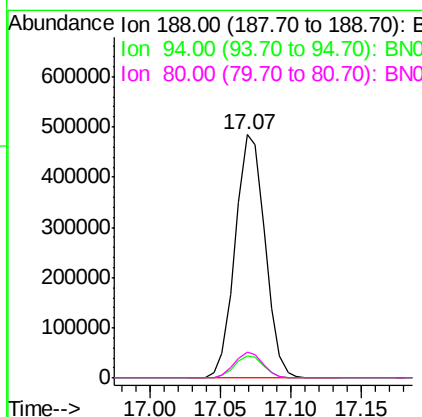
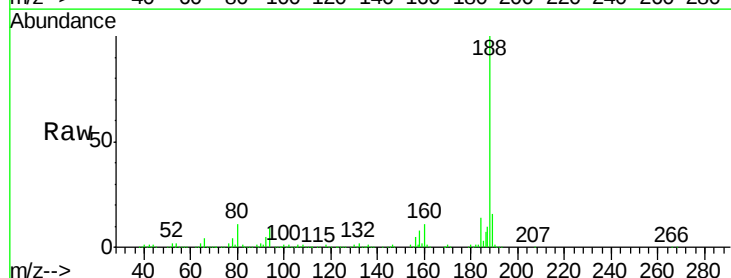
Instrument :
BNA_N
ClientSampled :
1524

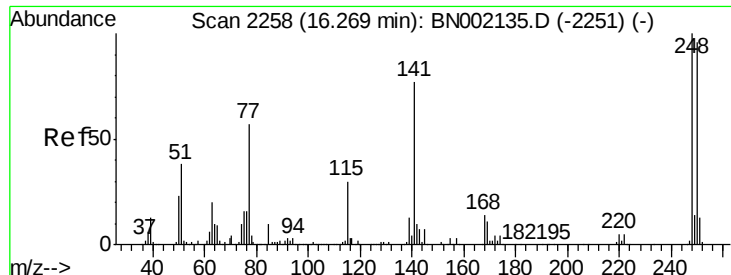
Tgt Ion:149 Resp: 5531167
Ion Ratio Lower Upper
149 100
177 22.3 18.5 27.7
150 13.0 10.2 15.2



#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

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

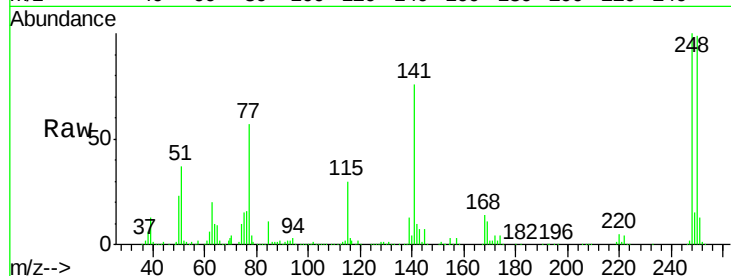




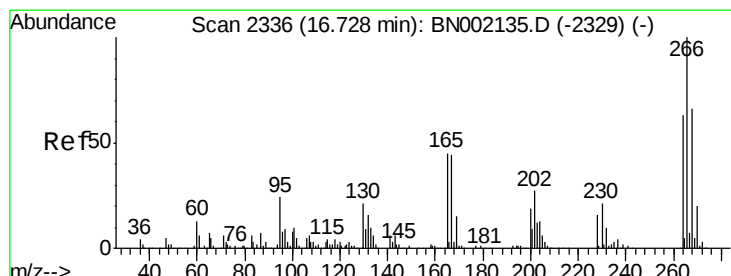
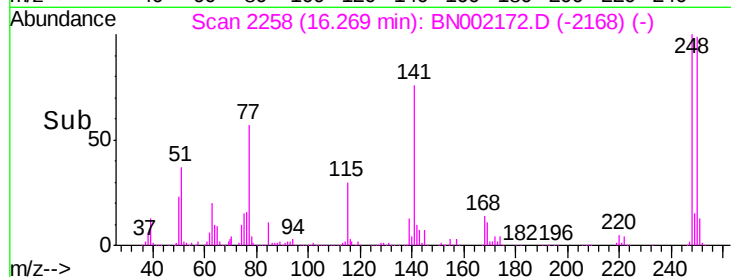
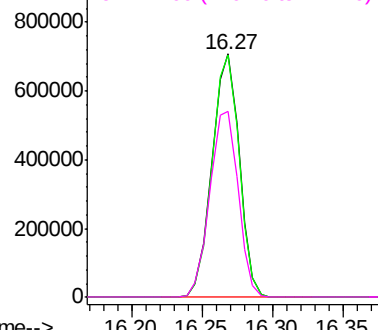
#66
 4-Bromophenyl-phenylether
 Concen: 114.771 ng
 RT: 16.27 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BN002172.D
 Acq: 26 Jul 2018 13:46

Instrument :
 BNA_N
 ClientSampleId :
 1524

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

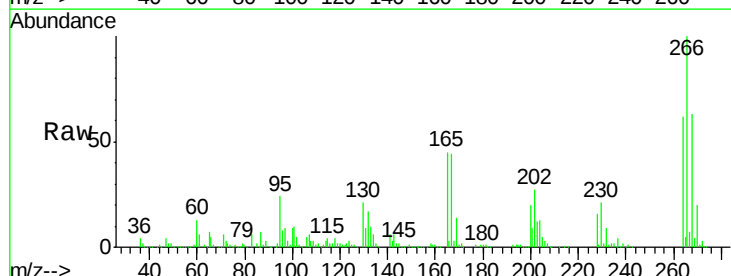


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

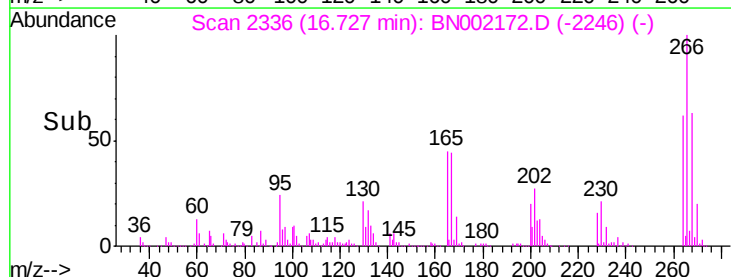
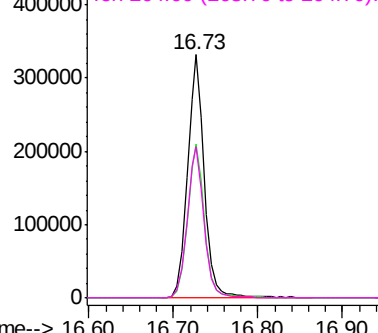


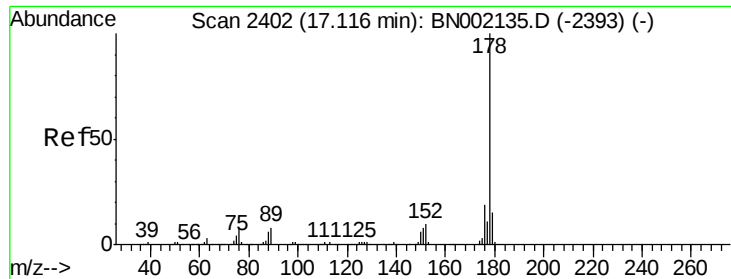
#69
 Pentachlorophenol
 Concen: 78.737 ng
 RT: 16.73 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BN002172.D
 Acq: 26 Jul 2018 13:46

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 :

1524

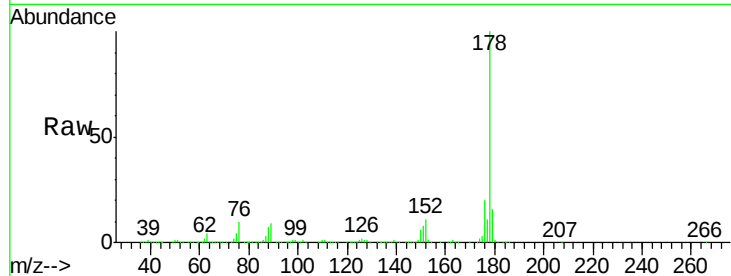
Tgt Ion:178 Resp: 5990704

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

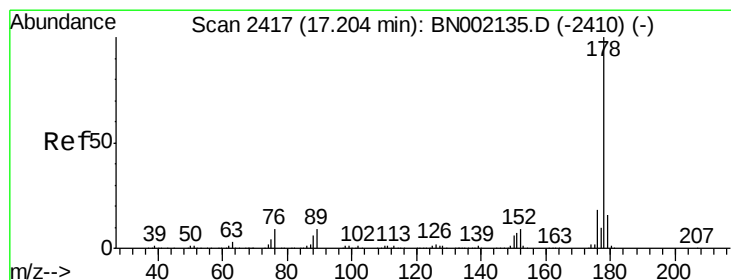
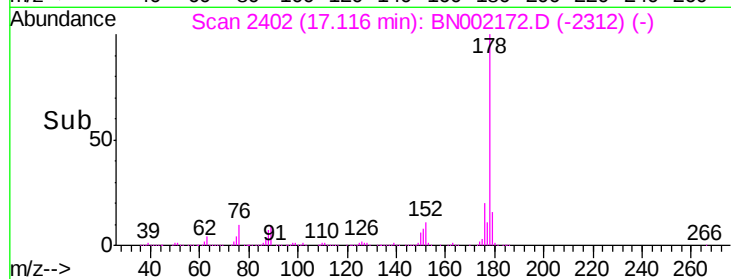
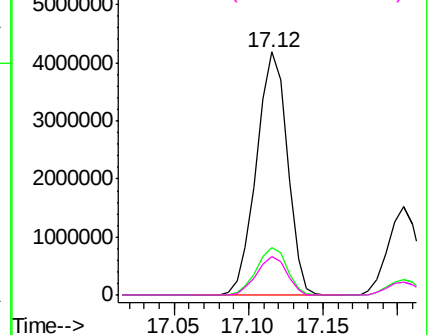
179 15.8 12.5 18.7



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



#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

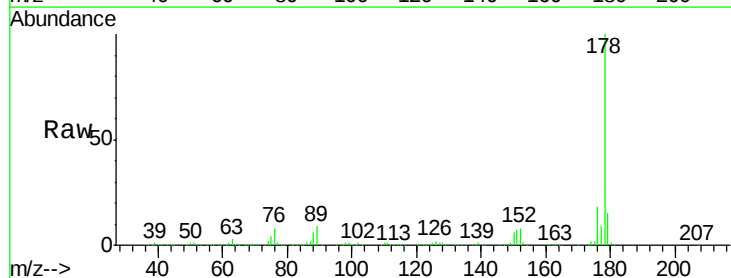
Tgt Ion:178 Resp: 2106744

Ion Ratio Lower Upper

178 100

176 18.1 16.0 24.0

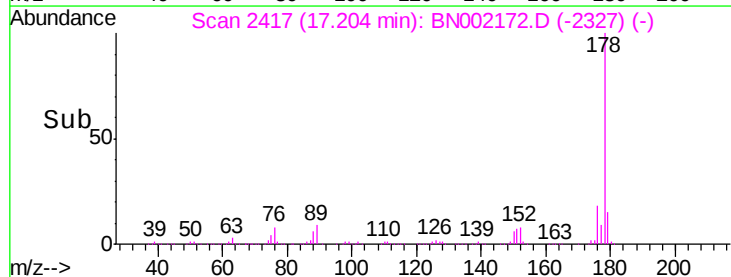
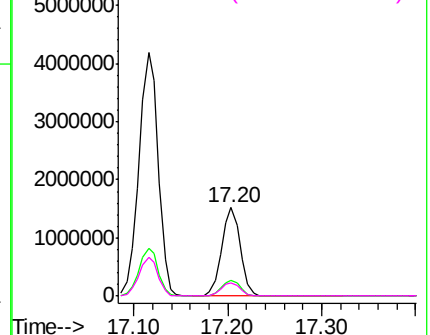
179 15.1 12.5 18.7

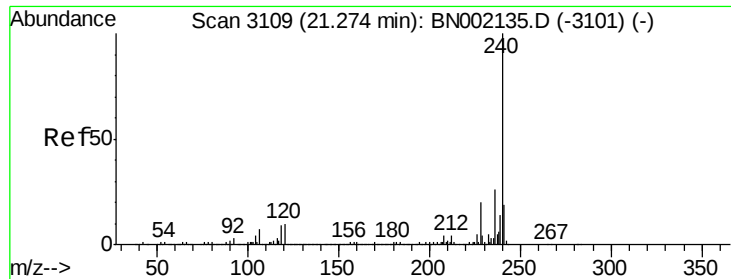


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

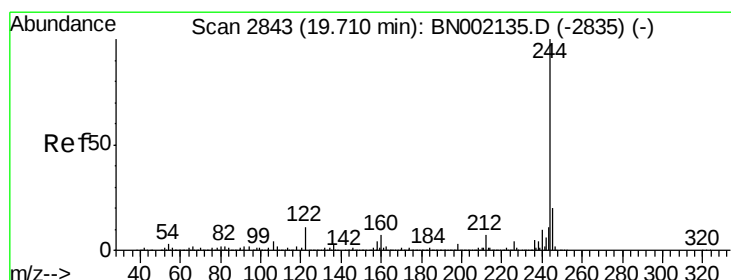
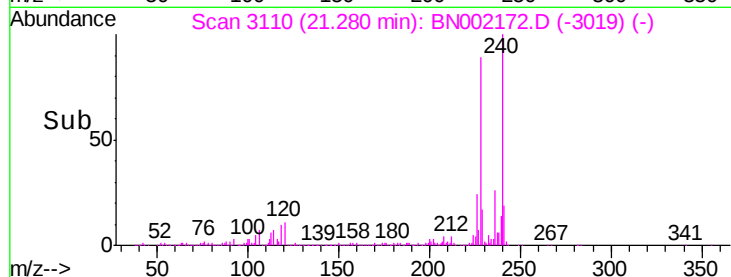
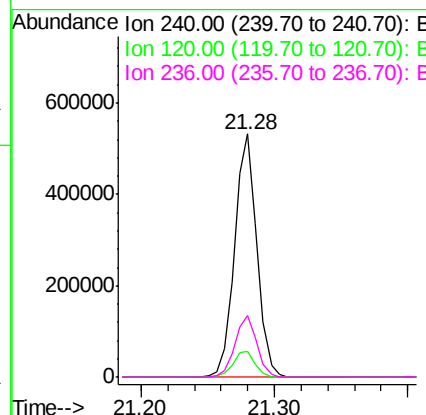
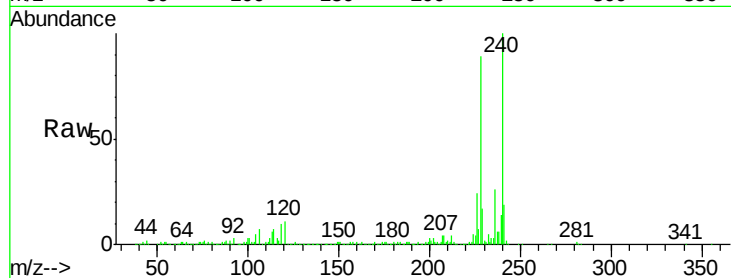




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

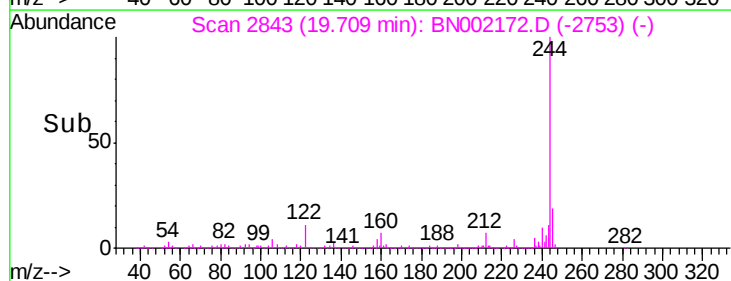
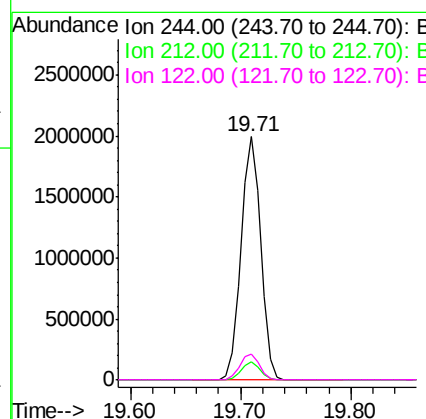
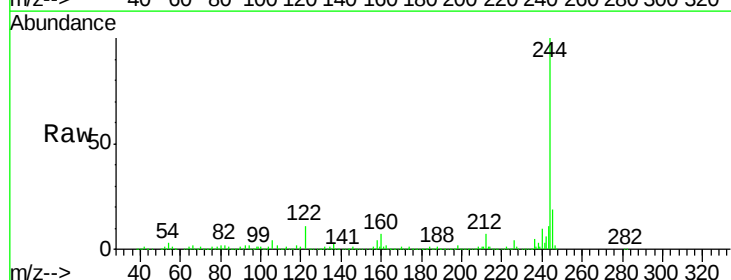
Instrument :
BNA_N
ClientSampleId :
1524

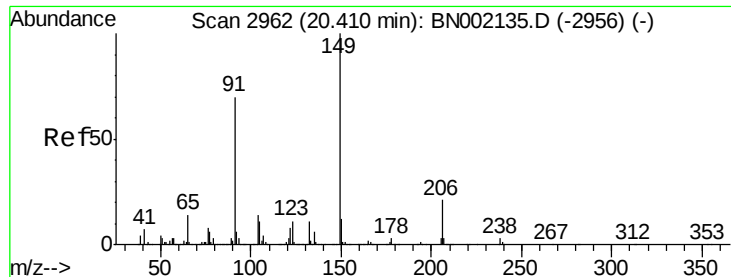
Tgt Ion:240 Resp: 620089
Ion Ratio Lower Upper
240 100
120 10.6 6.8 10.2#
236 25.6 20.9 31.3



#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#

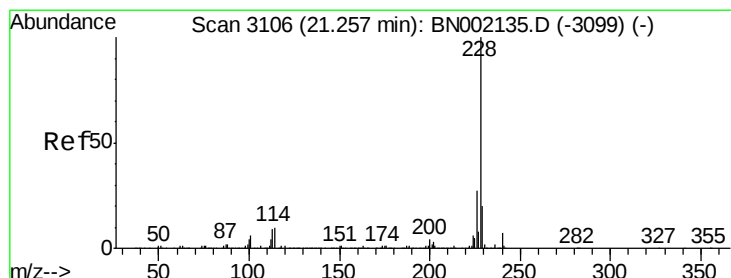
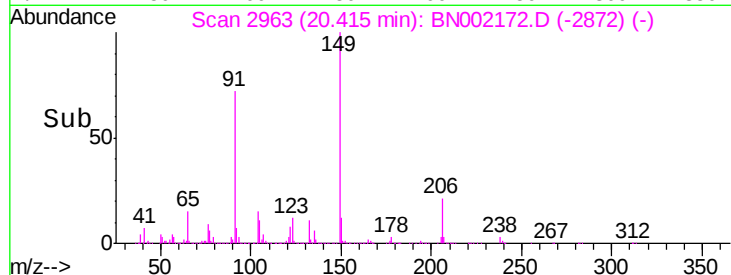
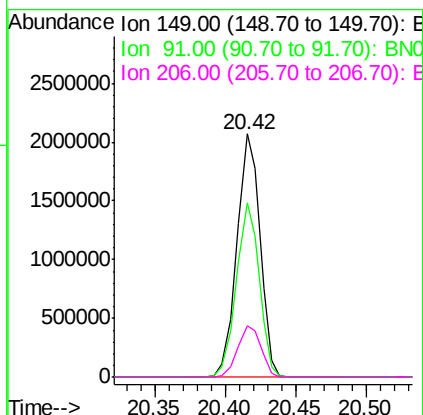
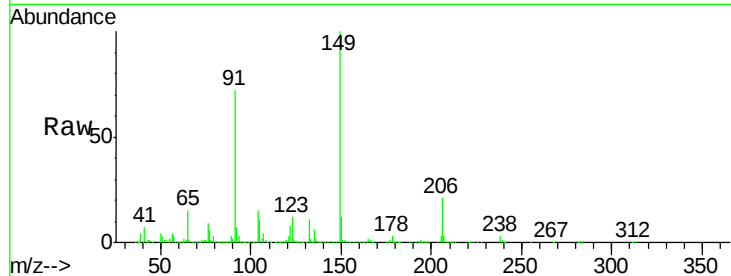




#79
Butylbenzylphthalate
Concen: 126.997 ng
RT: 20.42 min Scan# 2963
Delta R.T. 0.01 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

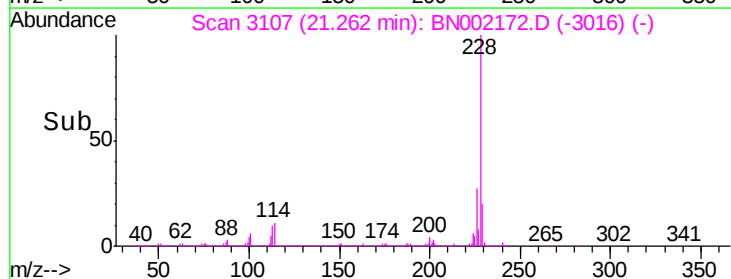
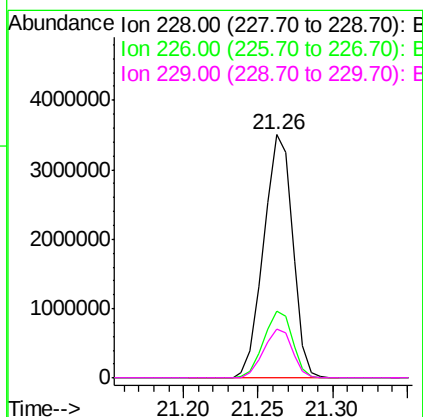
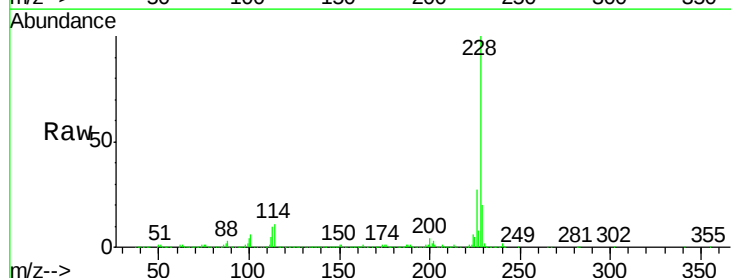
Instrument :
BNA_N
ClientSampled :
1524

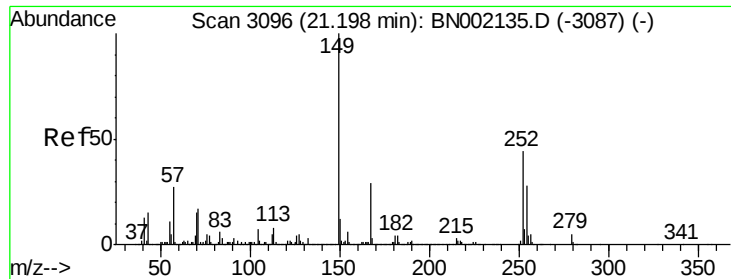
Tgt Ion:149 Resp: 2363998
Ion Ratio Lower Upper
149 100
91 71.7 62.2 93.2
206 21.0 18.6 27.8



#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





#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

Instrument :

BNA_N

ClientSampleId :

1524

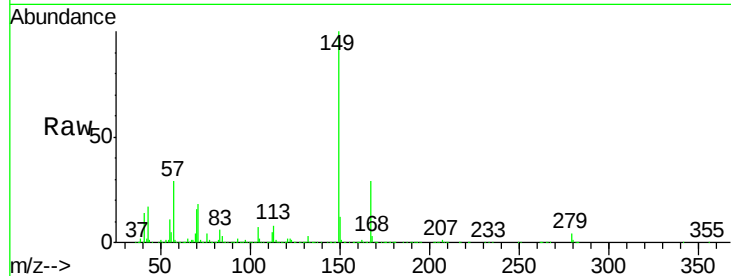
Tgt Ion:149 Resp: 2794601

Ion Ratio Lower Upper

149 100

167 28.7 24.3 36.5

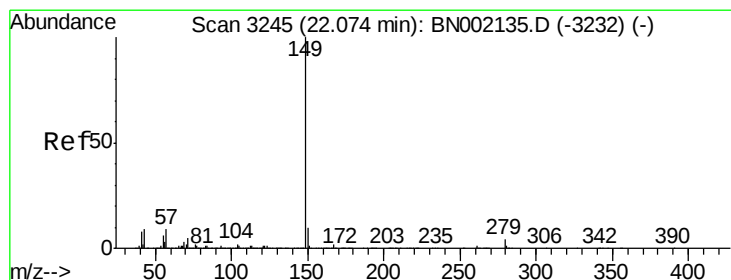
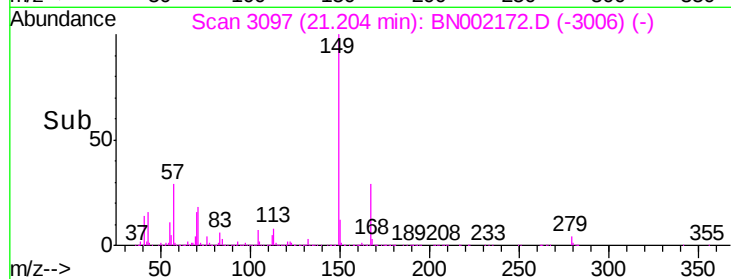
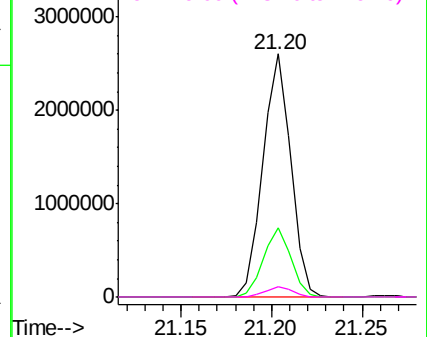
279 4.4 4.0 6.0



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

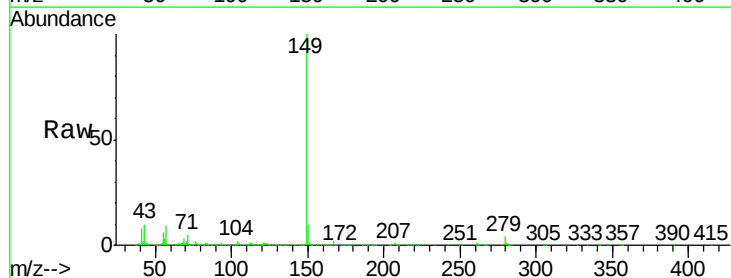
Tgt Ion:149 Resp: 3307418

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

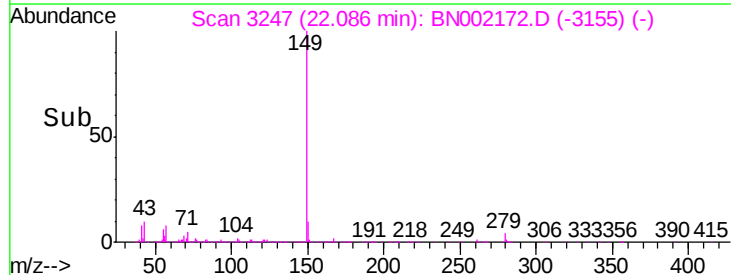
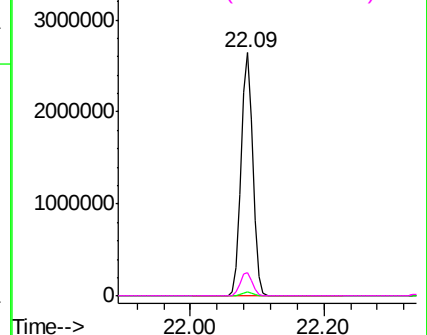
43 10.0 8.9 13.3

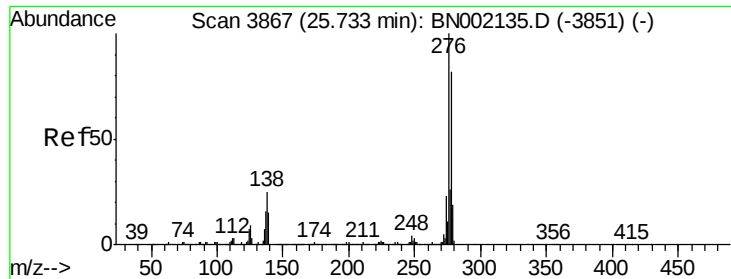


Abundance Ion 149.00 (148.70 to 149.70): E

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

Instrument :

BNA_N

ClientSampleId :

1524

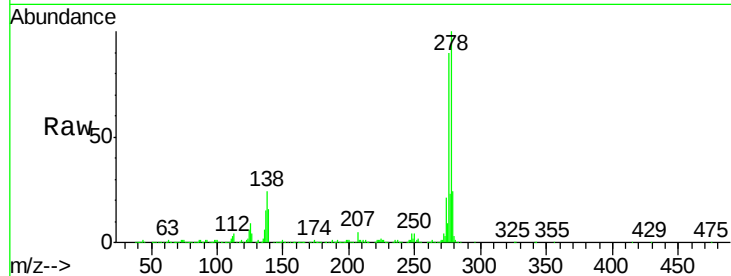
Tgt Ion:276 Resp: 2063061

Ion Ratio Lower Upper

276 100

138 26.8 16.0 24.0#

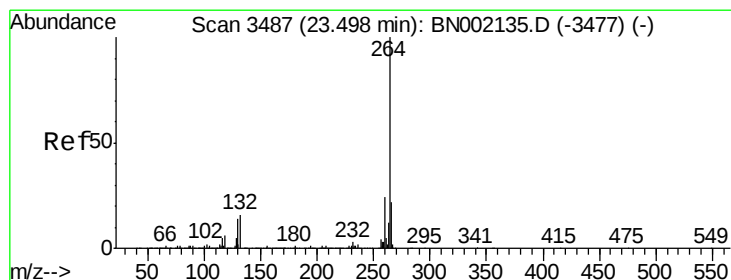
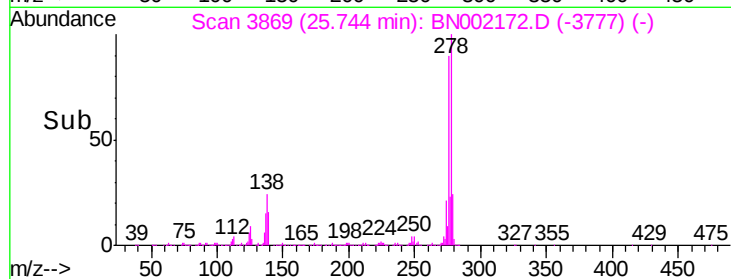
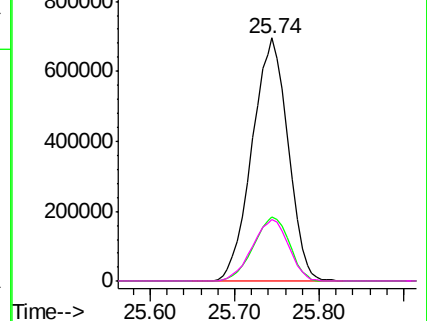
277 25.9 20.0 30.0



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

Perylene-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

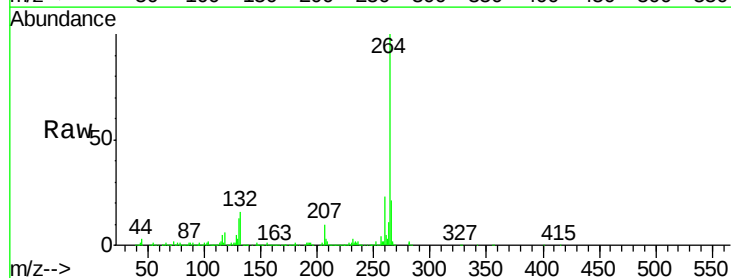
Tgt Ion:264 Resp: 627893

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

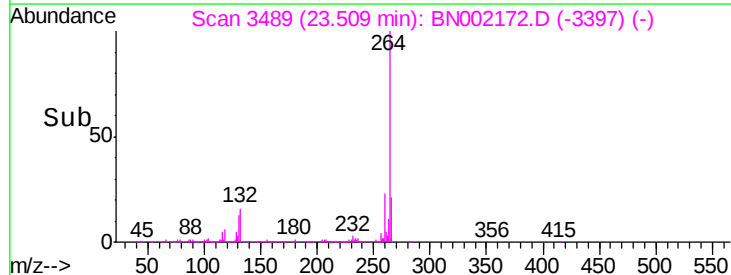
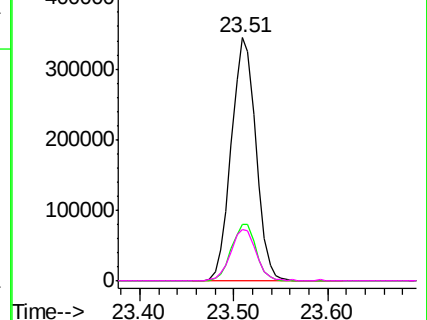
265 21.2 17.7 26.5

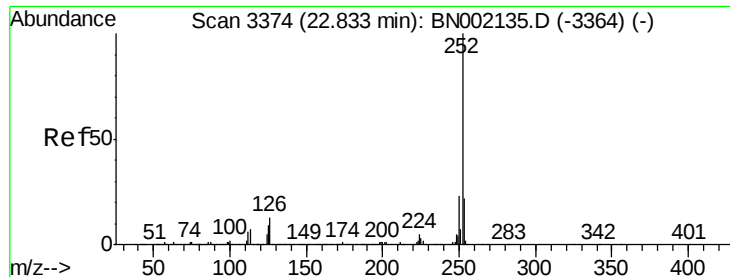


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

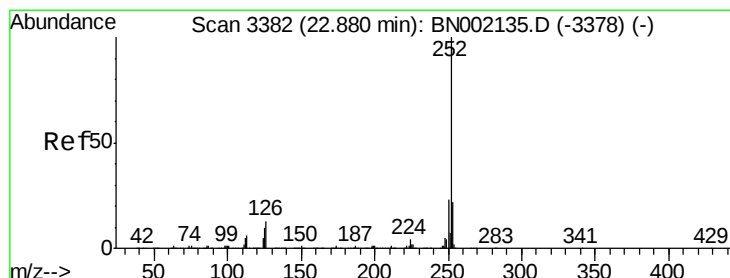
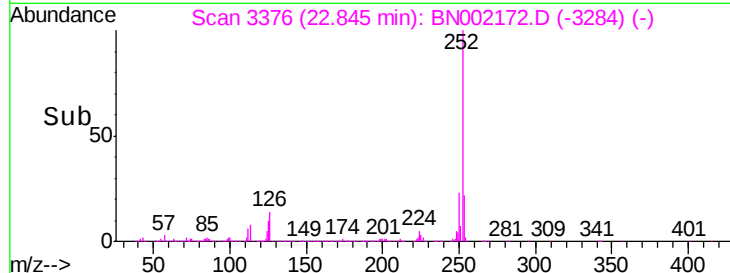
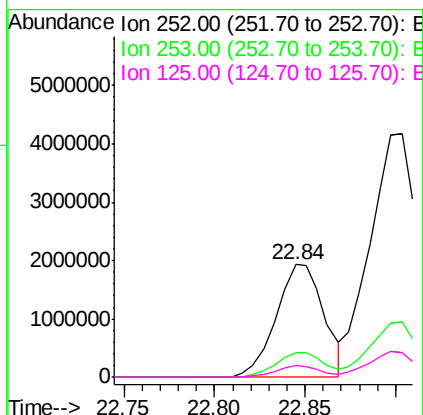
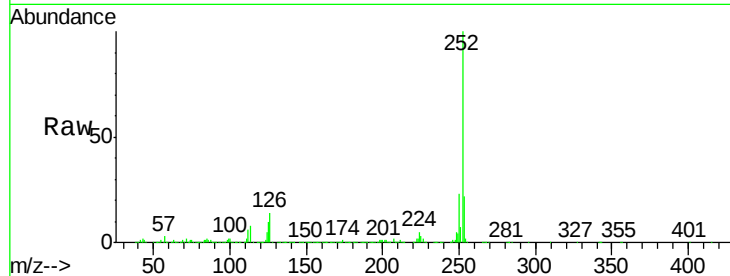




#87
Benzo(b)fluoranthene
Concen: 96.142 ng
RT: 22.84 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BN002172.D
Acq: 26 Jul 2018 13:46

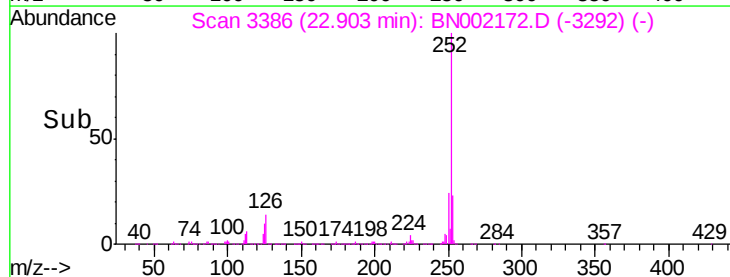
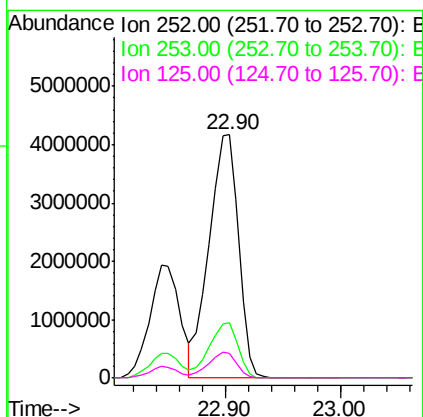
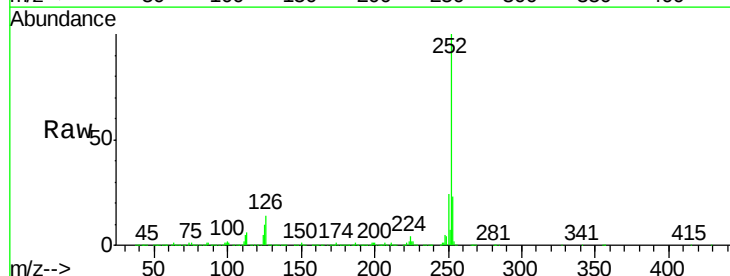
Instrument :
BNA_N
ClientSampleId :
1524

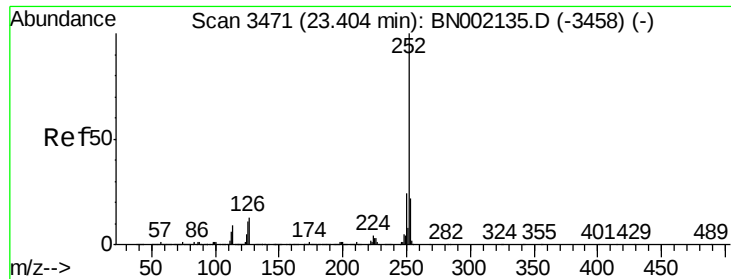
Tgt Ion:252 Resp: 3562695
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 10.2 7.2 10.8



#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

Tgt Ion:252 Resp: 7370718
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.0 6.6 9.8#





#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

Instrument :

BNA_N

ClientSampleId :

1524

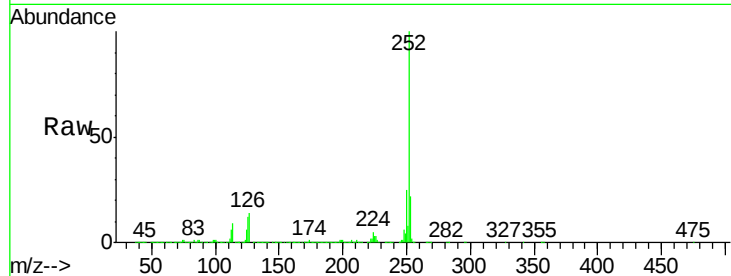
Tgt Ion:252 Resp: 7291794

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

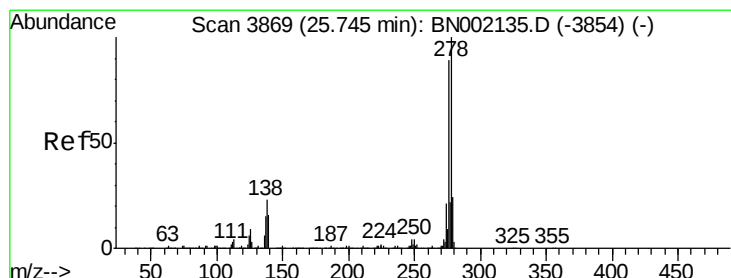
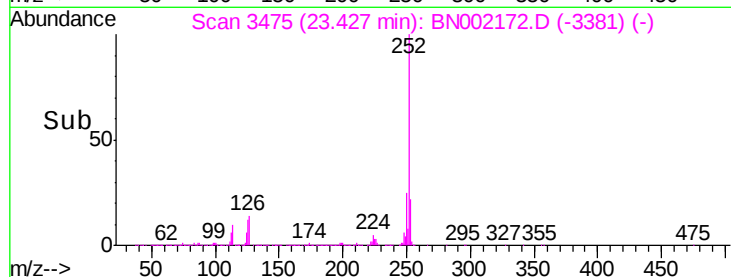
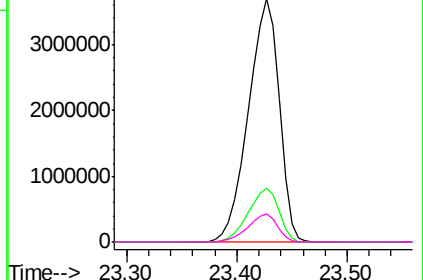
125 11.6 7.3 10.9#



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

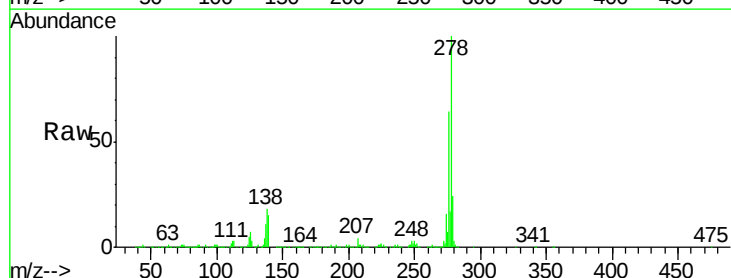
Tgt Ion:278 Resp: 2250826

Ion Ratio Lower Upper

278 100

139 15.1 9.8 14.6#

279 23.7 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

