

Data Path : U:\HPCHEM1\BNA N\DATA\BN020618\
 Data File : BN000028.D
 Acq On : 06 Feb 2018 12:27
 Operator :
 Sample : MDL-W-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 07 03:13:57 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 15:24:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	332521	20.00	ng	-0.01
21) Naphthalene-d8	11.32	136	1632361	20.00	ng	-0.01
38) Acenaphthene-d10	15.08	164	1024235	20.00	ng	-0.01
63) Phenanthrene-d10	17.80	188	2430225	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2748767	20.00	ng	-0.02
86) Perylene-d12	24.42	264	2842766	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	2988174	132.50	ng	0.00
7) Phenol-d6	7.59	99	4222424	123.26	ng	0.00
23) Nitrobenzene-d5	9.65	82	2066518	76.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.55	330	1154301	112.11	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	5709362	74.65	ng	-0.01
78) Terphenyl-d14	20.37	244	8718890	83.72	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	26402	2.959	ng	92
4) n-Nitrosodimethylamine	4.02	42	21283	2.673	ng	# 93
6) Aniline	7.78	93	112329	2.405	ng	92
8) 2-Chlorophenol	8.02	128	85863	3.442	ng	94
10) Phenol	7.62	94	123363	3.523	ng	91
11) bis(2-Chloroethyl)ether	7.88	93	80762	2.891	ng	84
12) 1,3-Dichlorobenzene	8.36	146	80166	2.894	ng	98
13) 1,4-Dichlorobenzene	8.51	146	84401	2.967	ng	96
14) 1,2-Dichlorobenzene	8.83	146	82365	2.931	ng	96
15) Benzyl Alcohol	8.70	79	60246	2.395	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.00	45	85267	2.822	ng	82
17) 2-Methylphenol	8.90	107	68731	2.722	ng	96
18) Hexachloroethane	9.58	117	26836	2.751	ng	# 80
19) n-Nitroso-di-n-propylamine	9.27	70	47428	2.055	ng	# 87
20) 3+4-Methylphenols	9.23	107	86271	2.440	ng	91
22) Acetophenone	9.30	105	123150	2.554	ng	# 87
24) Nitrobenzene	9.69	77	98199	3.392	ng	# 94
25) Isophorone	10.22	82	139307	2.179	ng	97
26) 2-Nitrophenol	10.41	139	17975	8.913	ng	94
27) 2,4-Dimethylphenol	10.45	122	94430	3.602	ng	91
28) bis(2-Chloroethoxy)methane	10.70	93	110856	3.006	ng	94
29) 2,4-Dichlorophenol	10.95	162	53666	2.386	ng	95
30) 1,2,4-Trichlorobenzene	11.17	180	75117	2.851	ng	97
31) Naphthalene	11.36	128	269789	2.947	ng	98
32) Benzoic acid	10.45	122	94430	12.774	ng	# 7
33) 4-Chloroaniline	11.46	127	106150	2.501	ng	96
34) Hexachlorobutadiene	11.65	225	38185	2.845	ng	91
36) 4-Chloro-3-methylphenol	12.54	107	70036	2.290	ng	97
37) 2-Methylnaphthalene	12.94	142	189231	2.925	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	84249	2.824	ng	# 96
40) Hexachlorocyclopentadiene	13.27	237	26309	2.640	ng	94
42) 2,4,6-Trichlorophenol	13.52	196	35529	2.015	ng	95
45) 1,1'-Biphenyl	13.93	154	280194	3.062	ng	97
46) 2-Chloronaphthalene	13.97	162	193896	2.822	ng	94

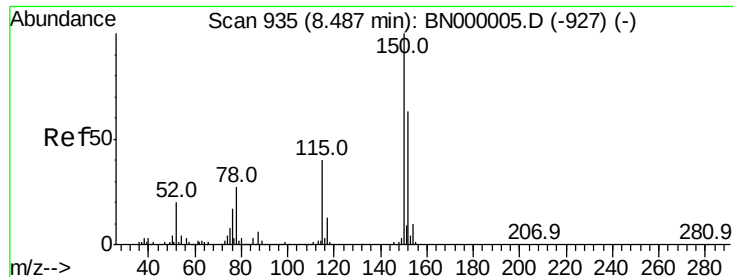
Data Path : U:\HPCHEM1\BNA N\DATA\BN020618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	14.16	65	28795	8.572	nq	99
48) Acenaphthylene	14.81	152	275221	2.386	nq	99
49) Dimethylphthalate	14.52	163	229910	2.512	nq	99
50) 2,6-Dinitrotoluene	14.64	165	26286	6.880	nq	91
51) Acenaphthene	15.15	154	197606	2.714	nq	97
52) 3-Nitroaniline	14.97	138	34190	7.431	nq	95
53) 2,4-Dinitrophenol	15.17	184	5779	6.025	nq #	26
54) Dibenzofuran	15.47	168	326729	3.128	nq	94
55) 4-Nitrophenol	15.24	139	21549	8.080	nq	89
56) 2,4-Dinitrotoluene	15.42	165	31666	8.258	nq #	93
57) Fluorene	16.12	166	250962	2.853	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.69	232	35470	2.097	nq #	84
59) Diethylphthalate	15.87	149	224170	2.344	nq	96
60) 4-Chlorophenyl-phenylether	16.10	204	118111	3.038	nq	90
61) 4-Nitroaniline	16.11	138	35554	7.423	nq	94
62) Azobenzene	16.39	77	231368	2.421	nq	91
64) 4,6-Dinitro-2-methylphenol	16.17	198	10054	9.877	nq	92
65) n-Nitrosodiphenylamine	16.31	169	205003	2.581	nq	99
66) 4-Bromophenyl-phenylether	16.99	248	62222	2.736	nq #	84
67) Hexachlorobenzene	17.11	284	73583	2.809	nq #	88
68) Atrazine	17.24	200	50891	2.102	nq	97
70) Phenanthrene	17.85	178	446513	3.054	nq	99
71) Anthracene	17.93	178	385965	2.664	nq	98
72) Carbazole	18.19	167	370329	2.471	nq	96
74) Fluoranthene	19.82	202	430540	2.593	nq	95
77) Pyrene	20.18	202	476242	2.746	nq	100
79) Butylbenzylphthalate	21.04	149	86560	6.073	nq #	97
80) Benzo(a)anthracene	21.91	228	491518	2.884	nq	97
82) Chrysene	21.96	228	511858	3.024	nq	98
85) Indeno(1,2,3-cd)pyrene	26.99	276	516955	2.368	nq #	86
87) Benzo(b)fluoranthene	23.66	252	445120	2.633	nq #	92
88) Benzo(k)fluoranthene	23.71	252	481950	2.844	nq #	95
89) Benzo(a)pyrene	24.31	252	417623	2.543	nq #	93
90) Dibenzo(a,h)anthracene	27.00	278	430514	2.505	nq #	90
91) Benzo(a,h,i)perylene	27.78	276	441552	2.528	nq #	89

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

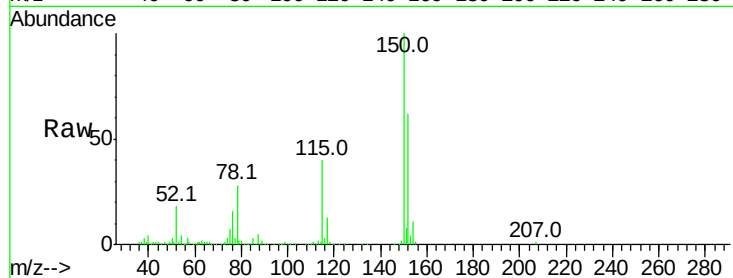


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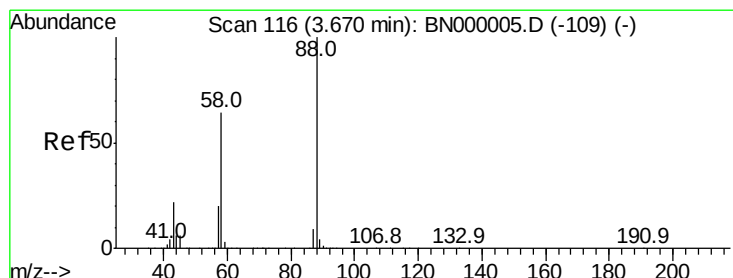
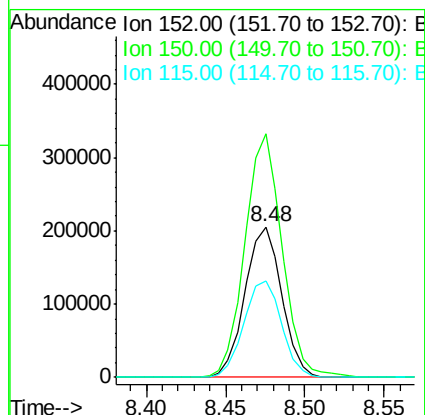
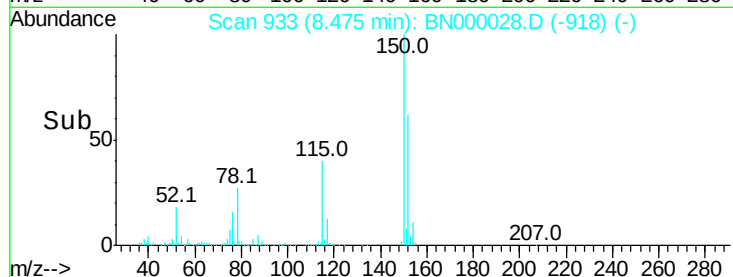
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 332521
Ion Ratio Lower Upper
152 100
150 161.6 126.6 189.8
115 64.4 53.0 79.4



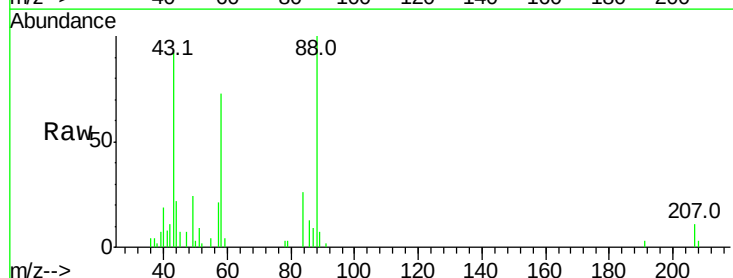
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



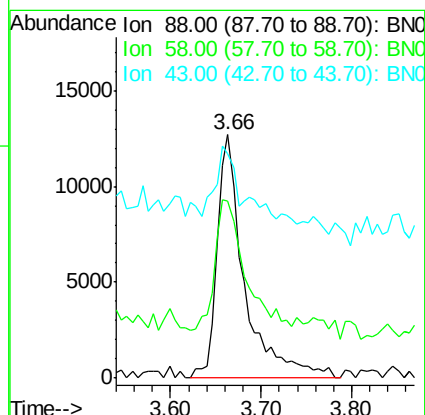
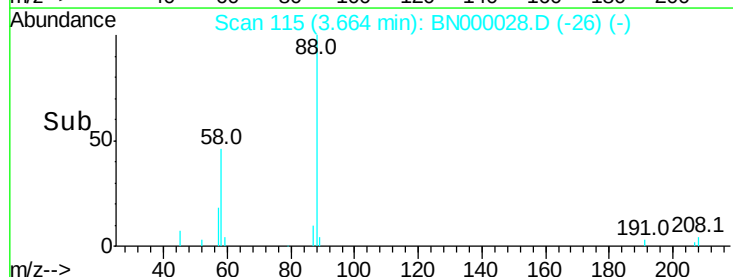
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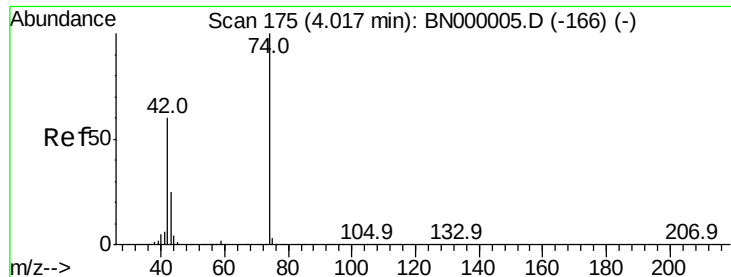
1,4-Dioxane
Concen: 2.959 ng
RT: 3.66 min Scan# 115
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Tgt Ion: 88 Resp: 26402
Ion Ratio Lower Upper
88 100
58 58.8 52.0 78.0
43 20.0 20.0 30.0



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



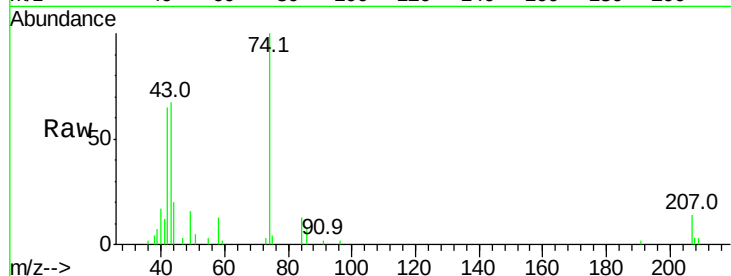


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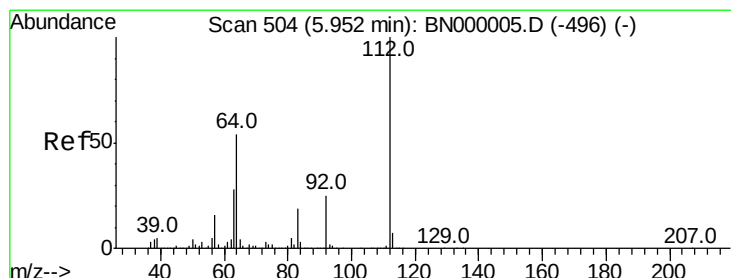
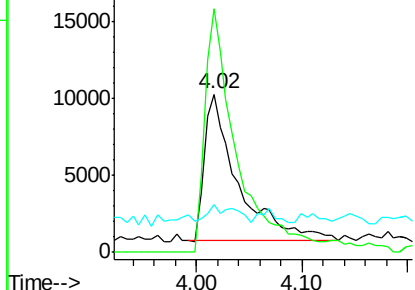
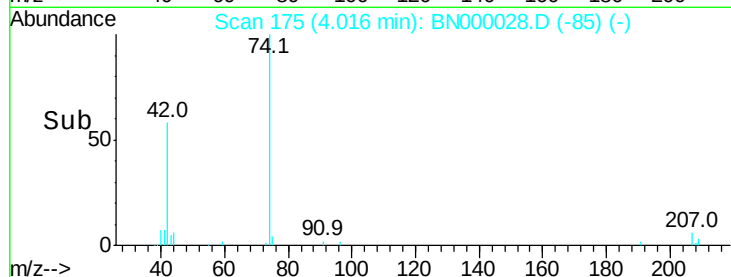
n-Nitrosodimethylamine
 Concen: 2.673 ng
 RT: 4.02 min Scan# 175
 Delta R.T. -0.00 min
 Lab File: BN000028.D
 Acq: 06 Feb 2018 12:27

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 21283
 Ion Ratio Lower Upper
 42 100
 74 153.9 128.0 192.0
 44 30.1 12.0 18.0#



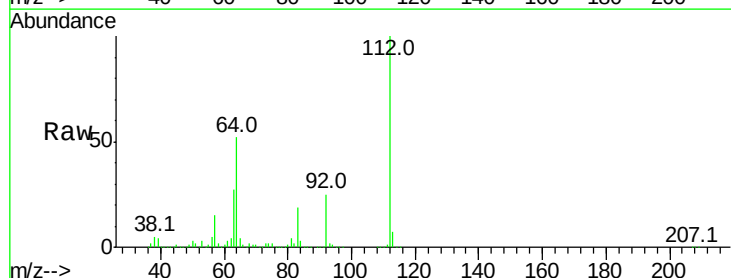
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



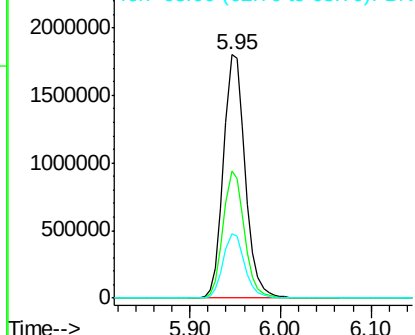
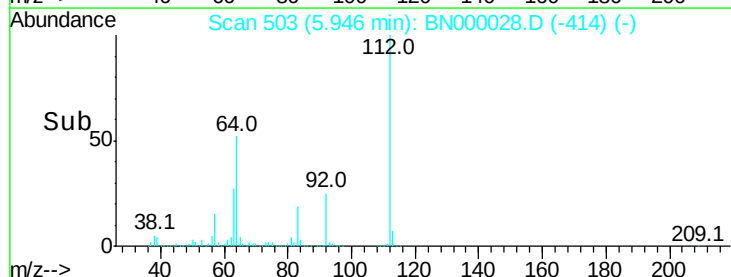
#5

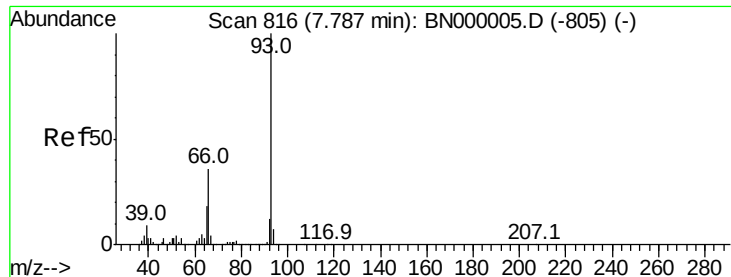
2-Fluorophenol
 Concen: 132.499 ng
 RT: 5.95 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BN000028.D
 Acq: 06 Feb 2018 12:27

Tgt Ion:112 Resp: 2988174
 Ion Ratio Lower Upper
 112 100
 64 52.0 56.3 84.5#
 63 26.5 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#6

Aniline

Concen: 2.405 ng

RT: 7.78 min Scan# 814

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampleId :

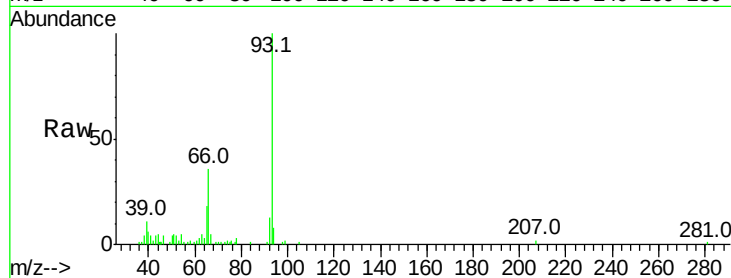
Tot Ion: 93 Resp: 112329

Ion Ratio Lower Upper

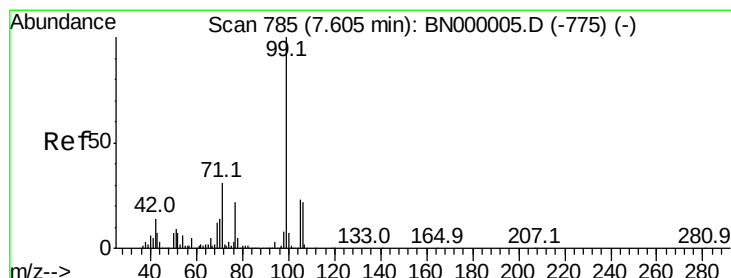
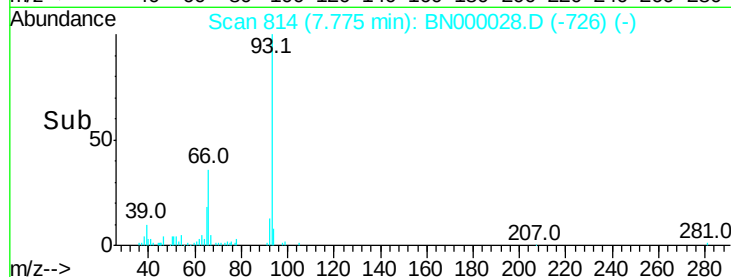
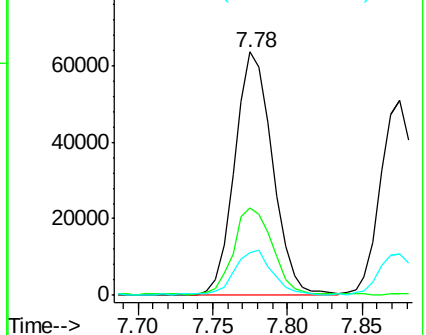
93 100

66 35.9 33.7 50.5

65 17.6 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 66.00 (65.70 to 66.70): BN0
Ion 65.00 (64.70 to 65.70): BN0



#7

Phenol-d6

Concen: 123.260 ng

RT: 7.59 min Scan# 783

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

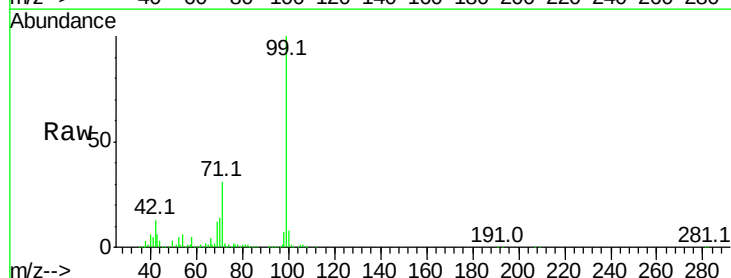
Tgt Ion: 99 Resp: 4222424

Ion Ratio Lower Upper

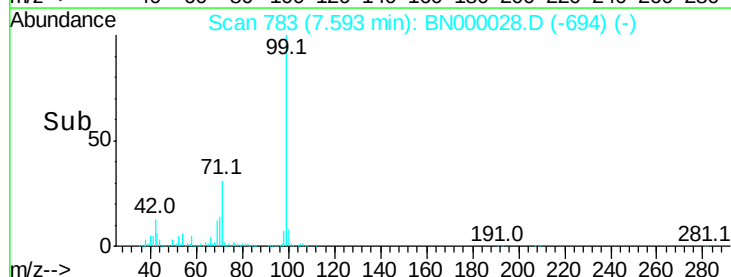
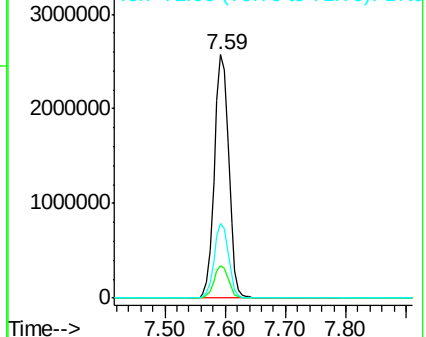
99 100

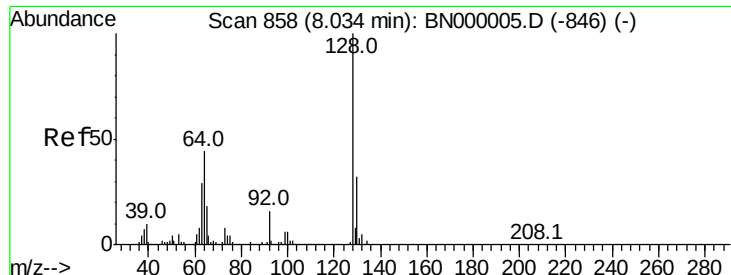
42 13.3 14.1 21.1#

71 30.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0





#8

2-Chlorophenol

Concen: 3.442 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampled :

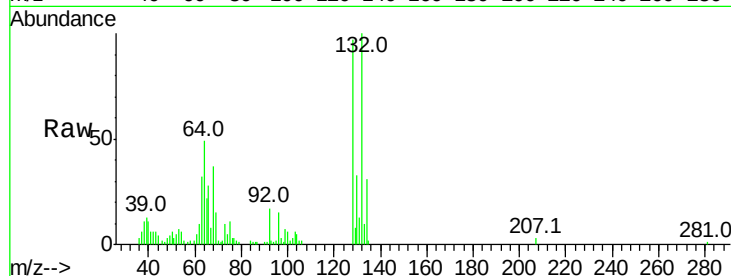
Tot Ion:128 Resp: 85863

Ion Ratio Lower Upper

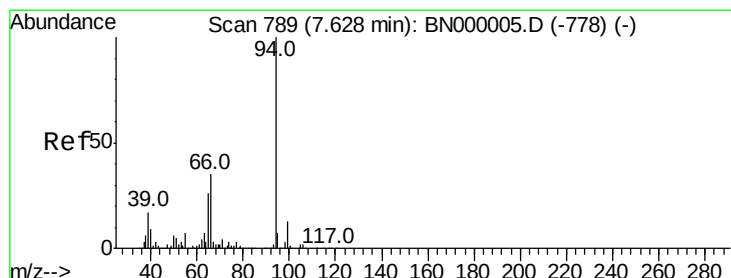
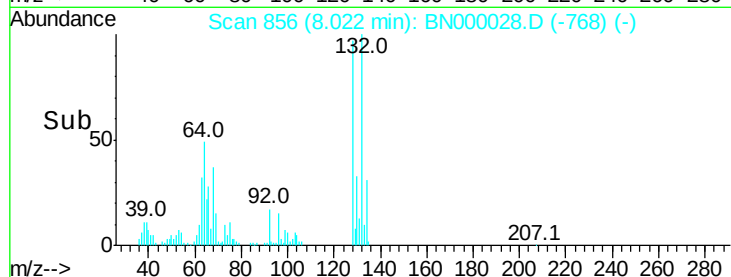
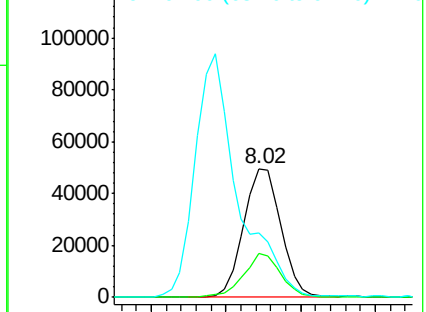
128 100

130 34.3 14.0 54.0

64 50.5 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: 3.523 ng

RT: 7.62 min Scan# 788

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

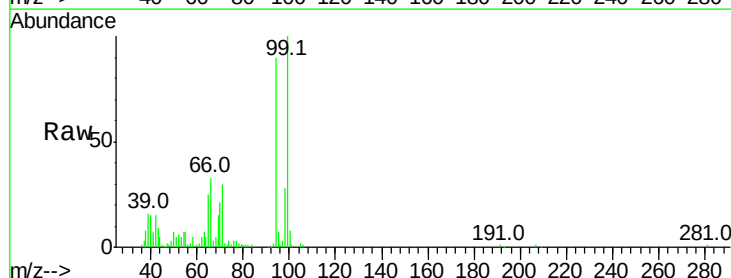
Tgt Ion: 94 Resp: 123363

Ion Ratio Lower Upper

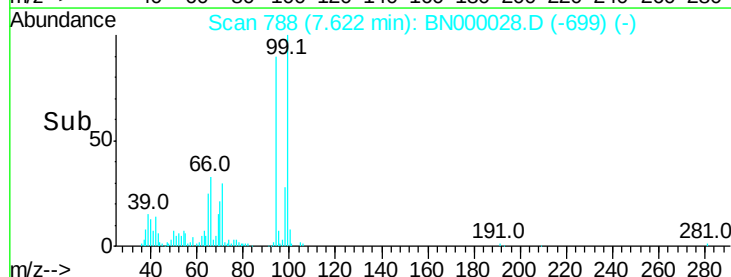
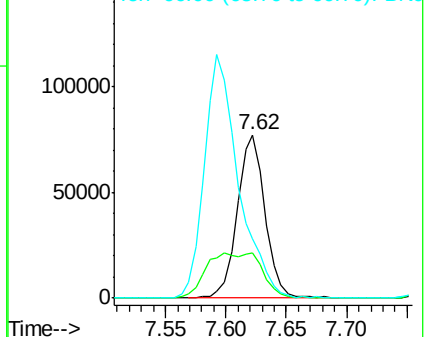
94 100

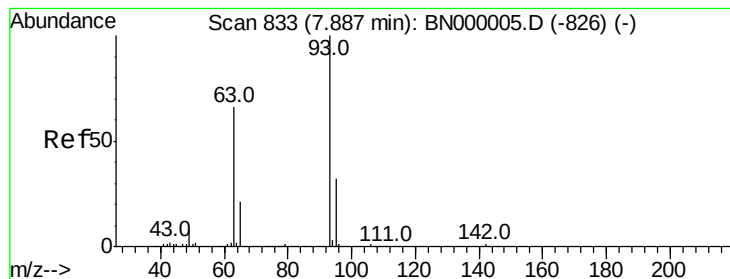
65 27.6 11.9 51.9

66 36.2 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: 2.891 ng

RT: 7.88 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampleId :

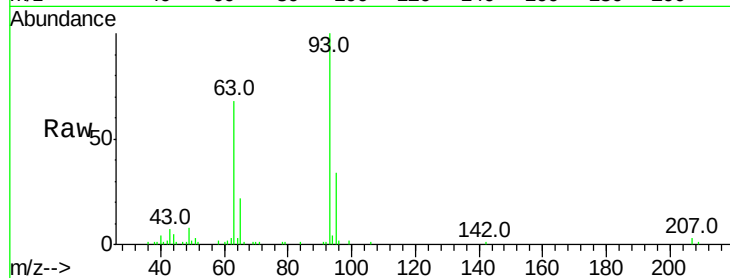
Tot Ion: 93 Resp: 80762

Ion Ratio Lower Upper

93 100

63 68.0 67.1 107.1

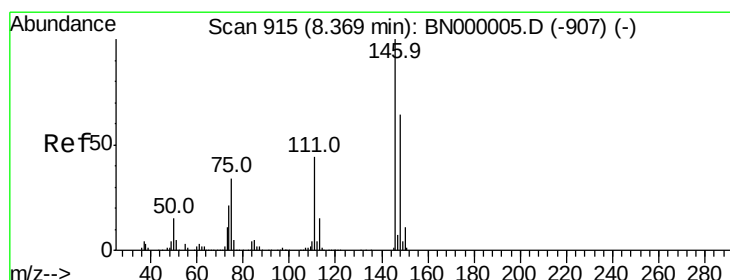
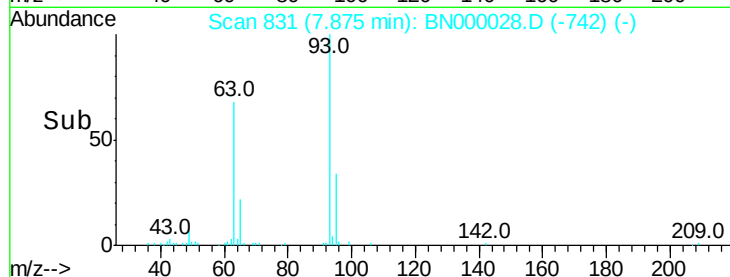
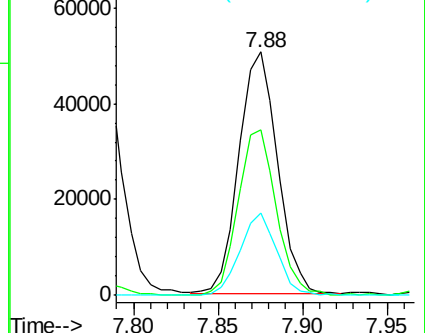
95 33.6 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BN000005.D (-826) (-)

Ion 63.00 (62.70 to 63.70): BN000005.D (-826) (-)

Ion 95.00 (94.70 to 95.70): BN000005.D (-826) (-)



#12

1,3-Dichlorobenzene

Concen: 2.894 ng

RT: 8.36 min Scan# 914

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

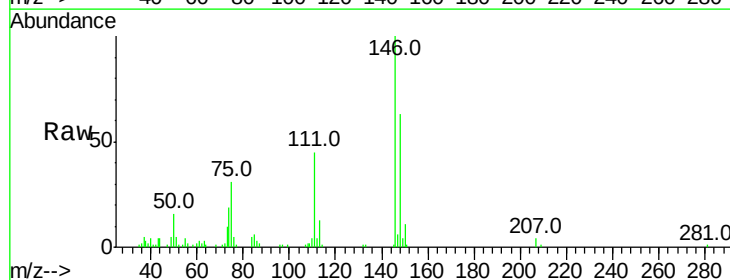
Tgt Ion: 146 Resp: 80166

Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.2

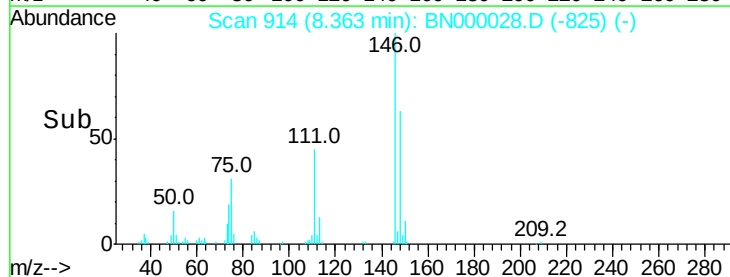
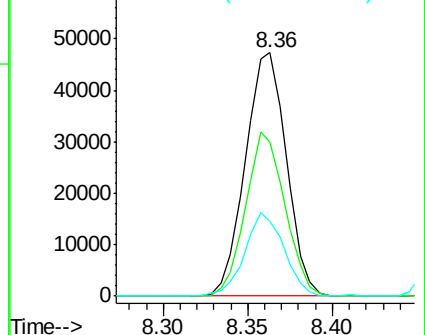
75 30.7 26.6 39.8

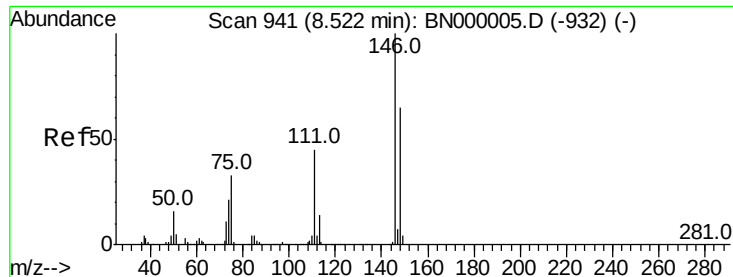


Abundance Ion 146.00 (145.70 to 146.70): BN000005.D (-907) (-)

Ion 148.00 (147.70 to 148.70): BN000005.D (-907) (-)

Ion 75.00 (74.70 to 75.70): BN000005.D (-907) (-)

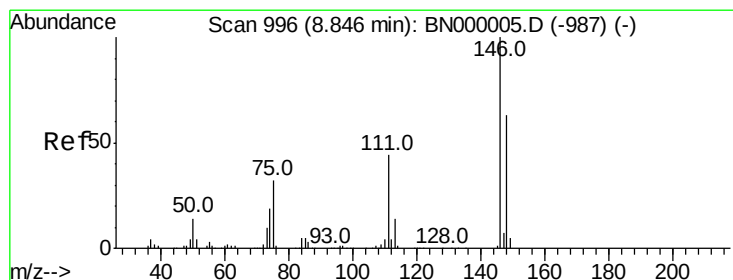
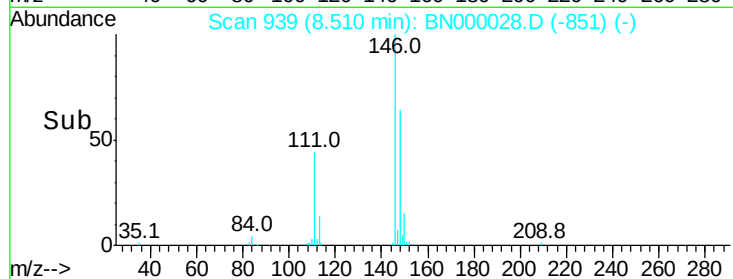
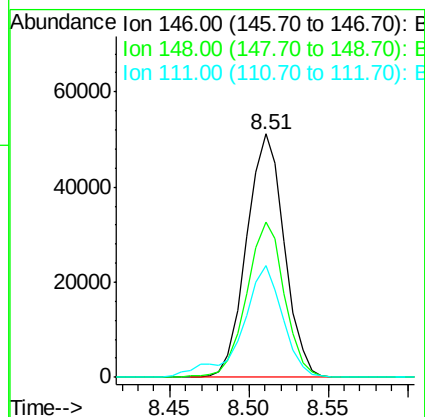
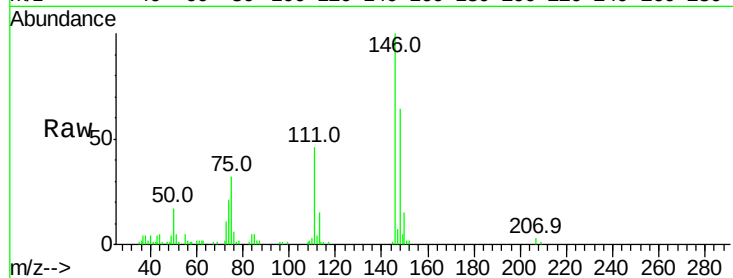




#13
 1,4-Dichlorobenzene
 Concen: 2.967 ng
 RT: 8.51 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BN000028.D
 Acq: 06 Feb 2018 12:27

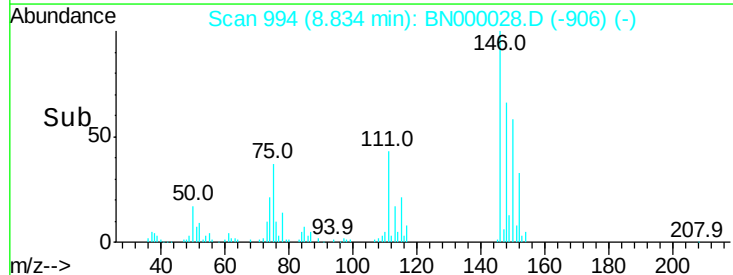
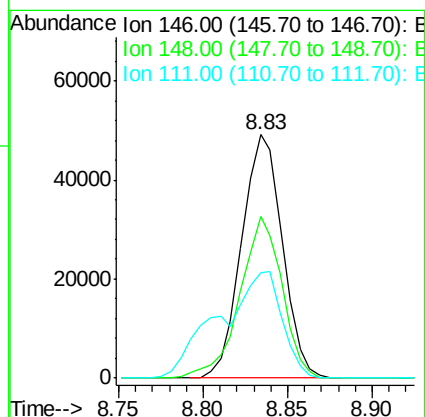
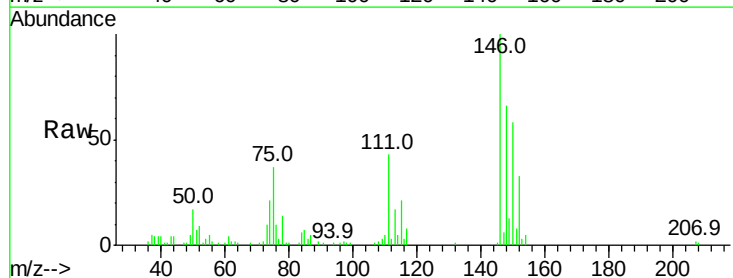
Instrument :
 BNA_N
 ClientSampleId :

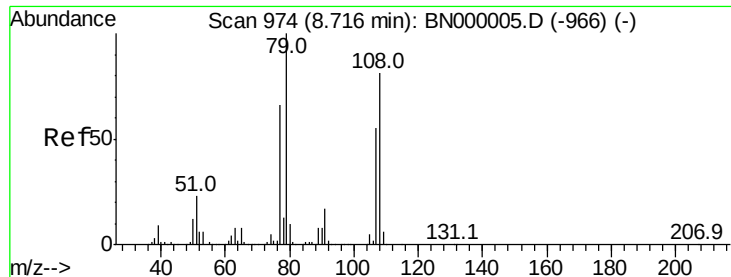
Tot Ion:146 Resp: 84401
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.7 80.5
 111 45.7 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 2.931 ng
 RT: 8.83 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BN000028.D
 Acq: 06 Feb 2018 12:27

Tgt Ion:146 Resp: 82365
 Ion Ratio Lower Upper
 146 100
 148 66.3 49.3 73.9
 111 43.1 34.3 51.5





#15

Benzyl Alcohol

Concen: 2.395 ng

RT: 8.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampled :

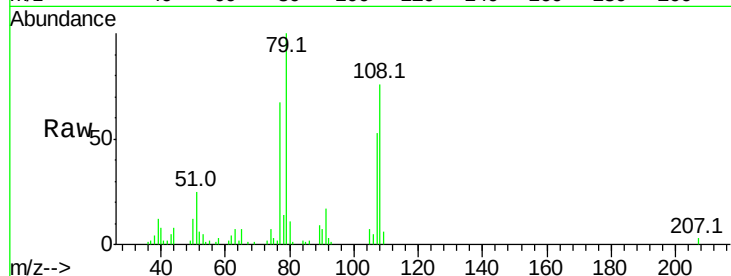
Tot Ion: 79 Resp: 60246

Ion Ratio Lower Upper

79 100

108 76.1 57.2 85.8

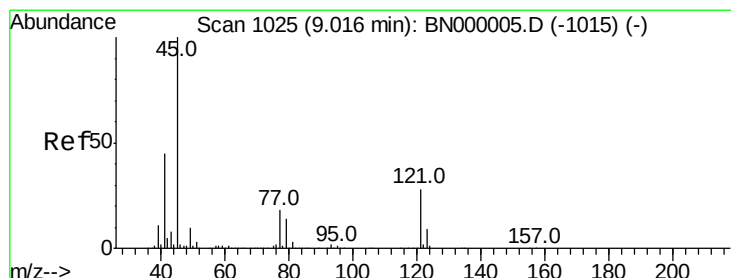
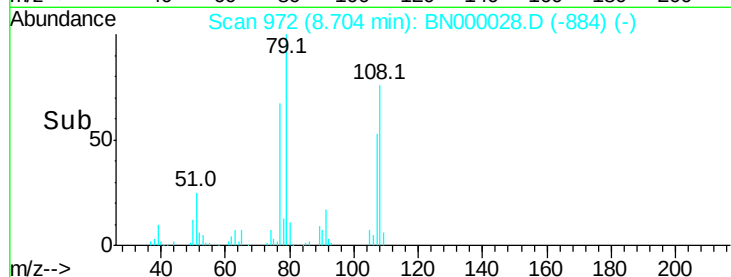
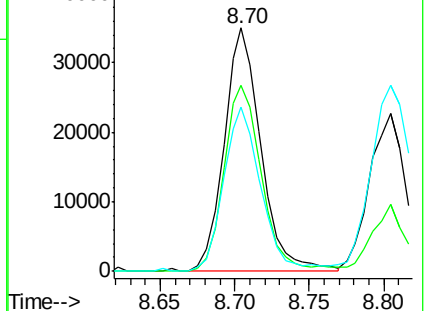
77 67.5 46.1 69.1



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: 2.822 ng

RT: 9.00 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

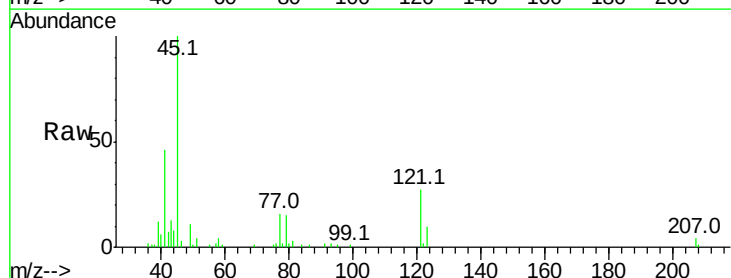
Tgt Ion: 45 Resp: 85267

Ion Ratio Lower Upper

45 100

77 16.3 0.0 30.2

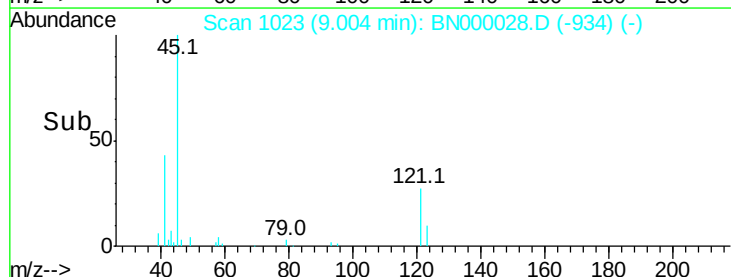
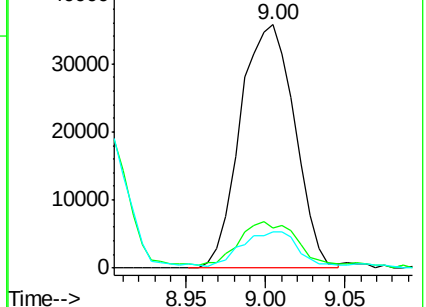
79 14.8 0.0 27.9

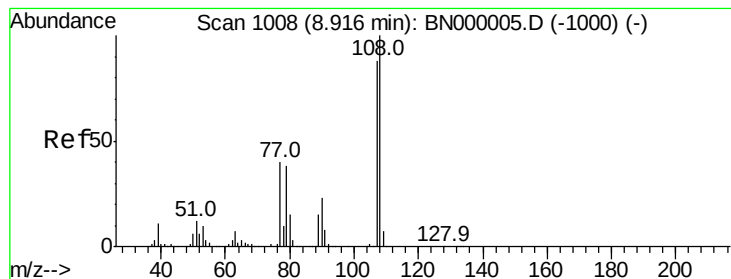


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC

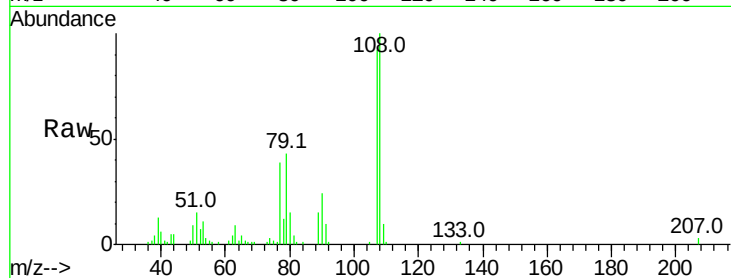




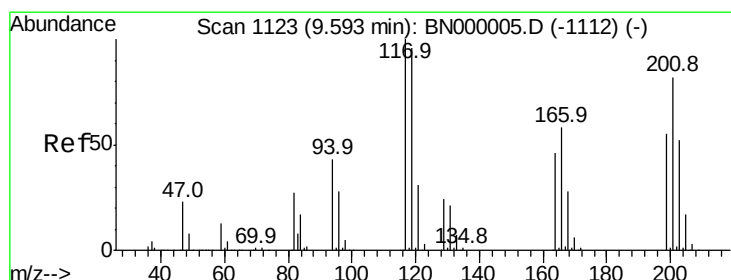
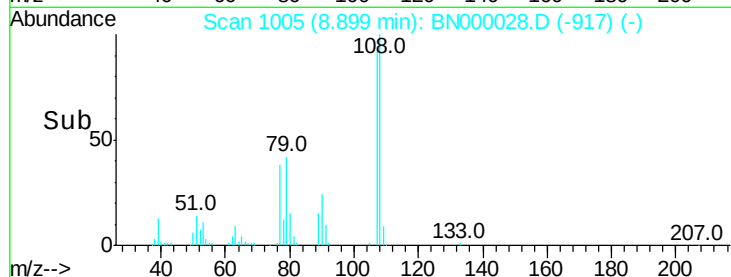
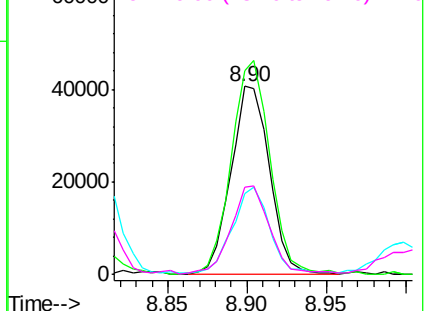
#17
2-Methylphenol
Concen: 2.722 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:107 Resp: 68731
Ion Ratio Lower Upper
107 100
108 108.7 83.9 125.9
77 42.9 37.2 55.8
79 46.2 36.2 54.2

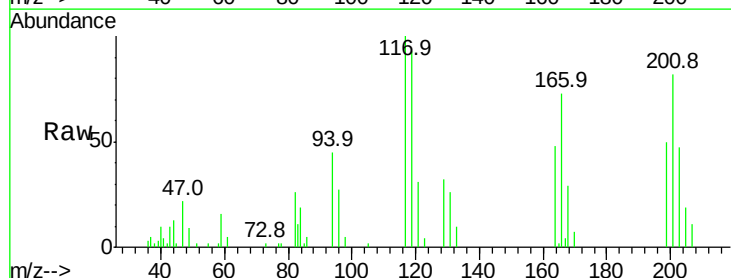


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

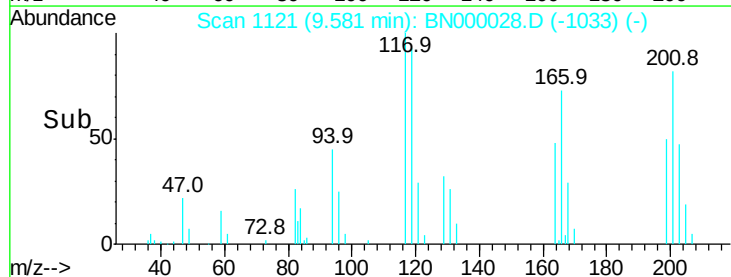
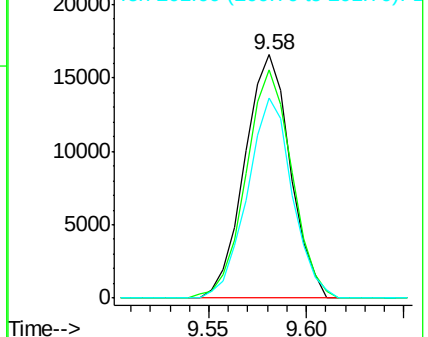


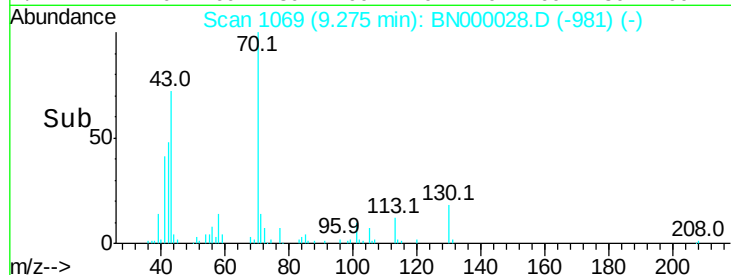
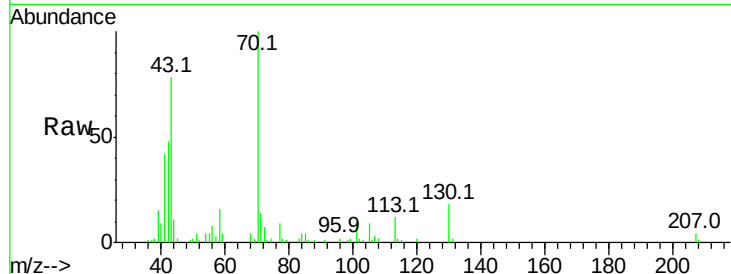
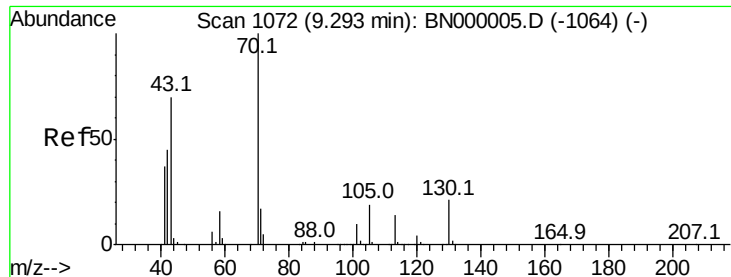
#18
Hexachloroethane
Concen: 2.751 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Tgt Ion:117 Resp: 26836
Ion Ratio Lower Upper
117 100
119 93.5 76.7 115.1
201 82.3 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

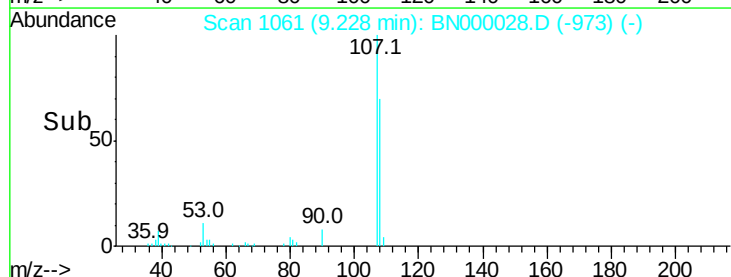
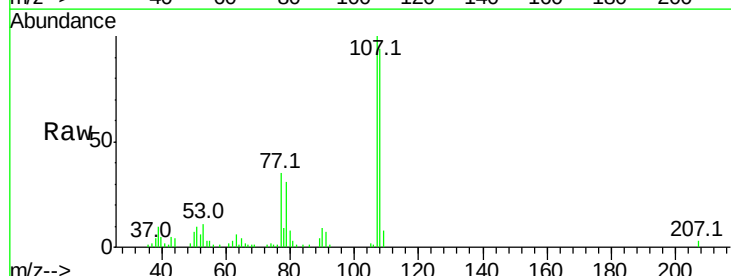
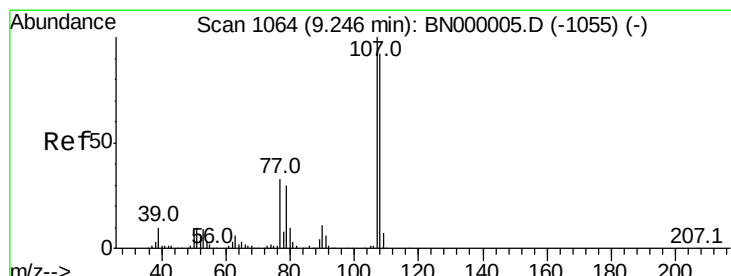
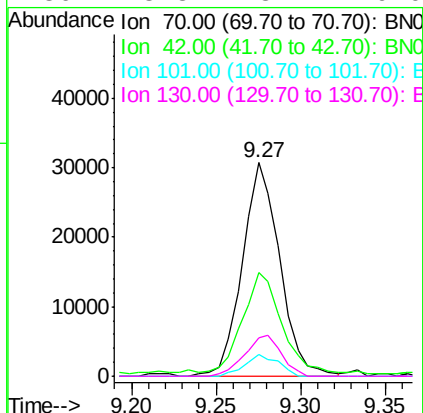




#19
n-Nitroso-di-n-propylamine
Concen: 2.055 ng
RT: 9.27 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

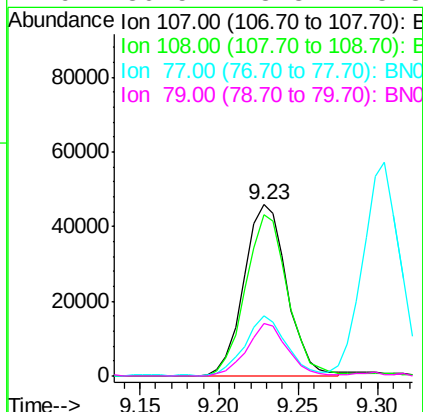
Instrument :
BNA_N
ClientSampleId :

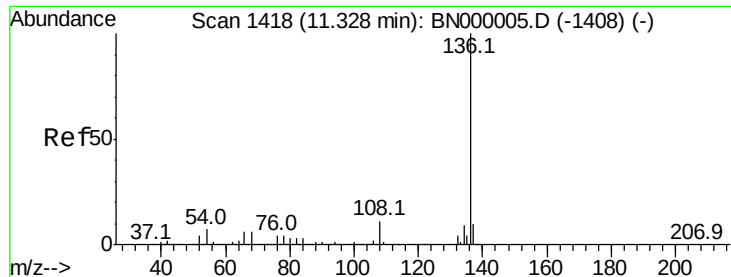
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.3	49.1	73.7#
101	10.1	8.5	12.7
130	18.3	13.4	20.0



#20
3+4-Methylphenols
Concen: 2.440 ng
RT: 9.23 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.4	61.6	101.6
77	34.9	13.9	53.9
79	30.5	8.8	48.8

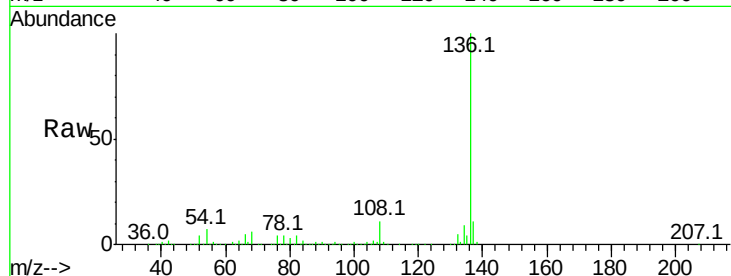




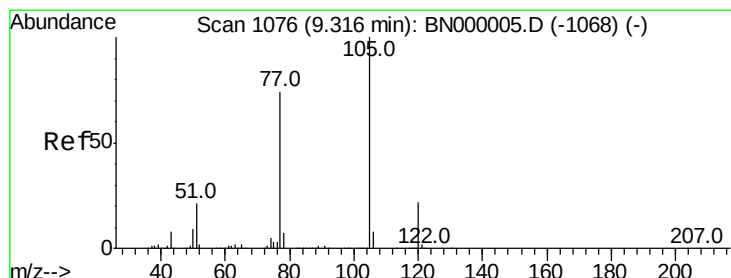
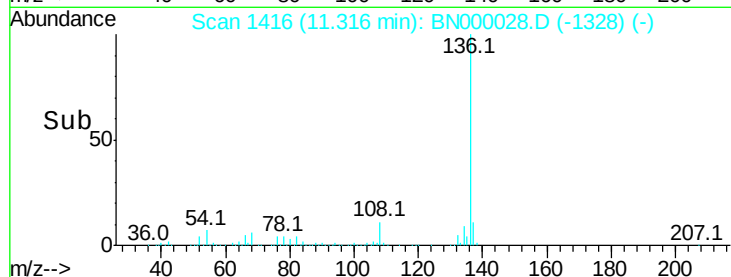
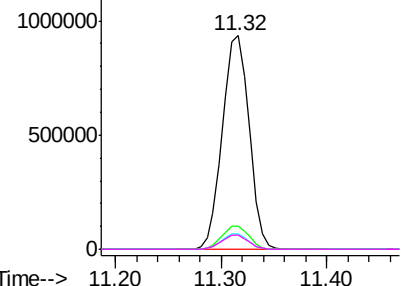
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.32 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp: 1632361
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 7.0	10.3 15.5#
68 6.5	4.5 6.7

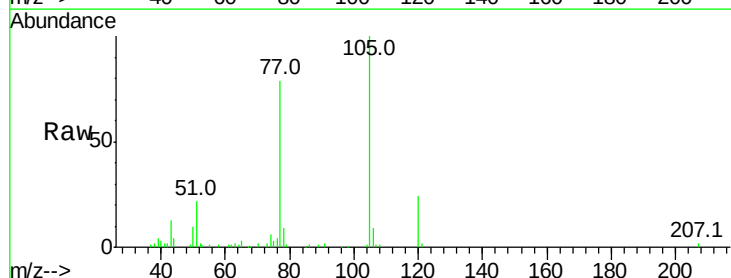


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

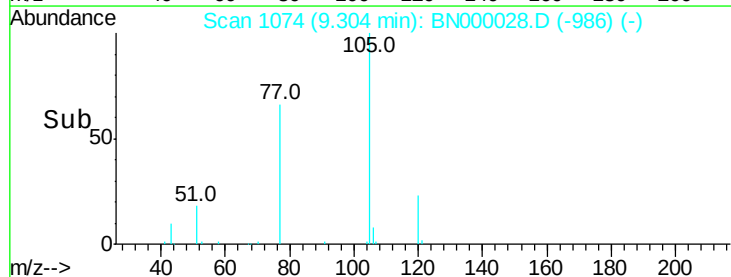
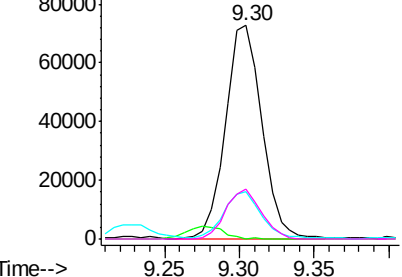


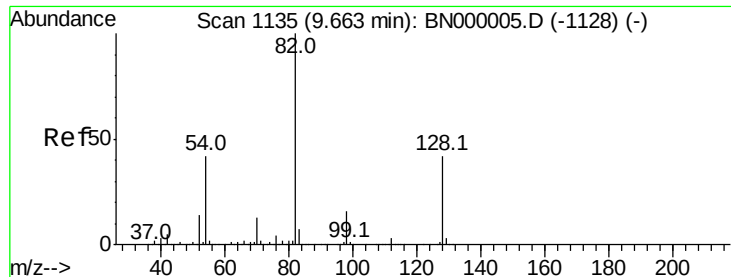
#22
Acetophenone
Concen: 2.554 ng
RT: 9.30 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Tgt	Ion:105	Resp:	123150
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	22.0	26.1	39.1#
120	23.6	17.4	26.2



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



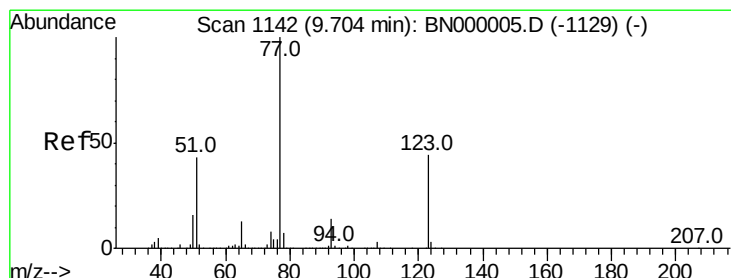
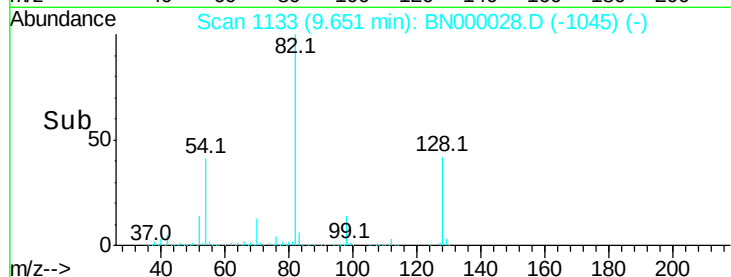
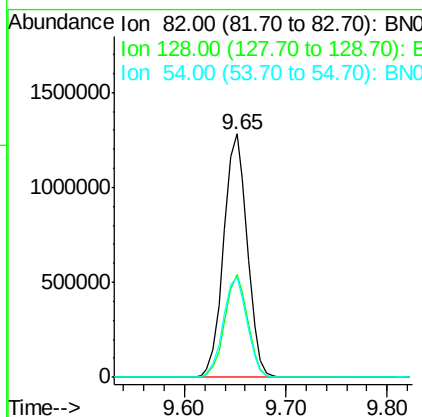
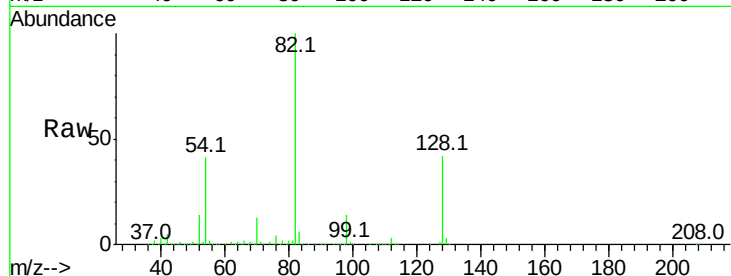


#23
 Nitrobenzene-d5
 Concen: 76.552 ng
 RT: 9.65 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BN000028.D
 Acq: 06 Feb 2018 12:27

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 82 Resp: 2066518

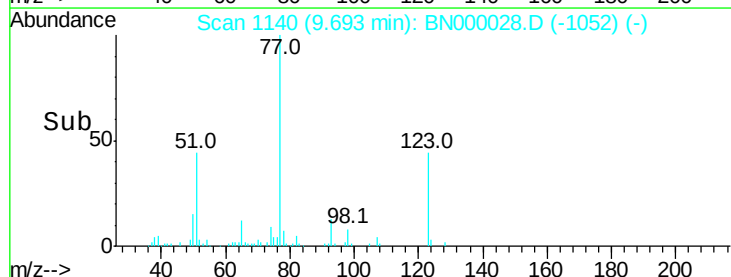
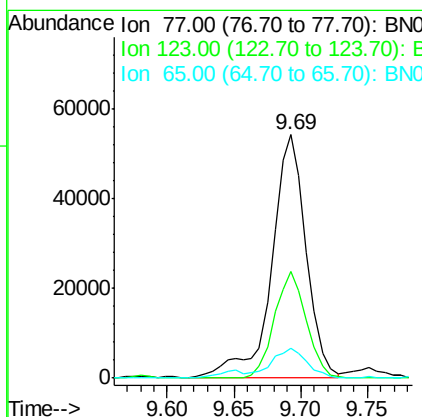
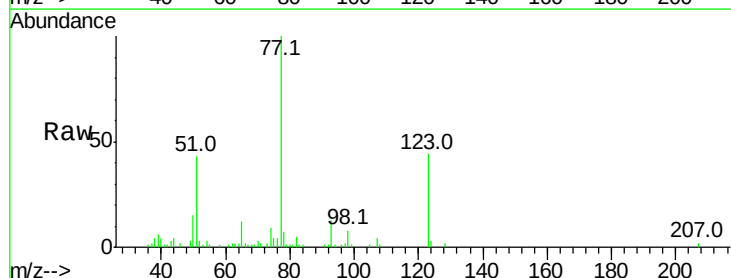
Ion	Ratio	Lower	Upper
82	100		
128	42.1	29.7	44.5
54	41.4	43.1	64.7#

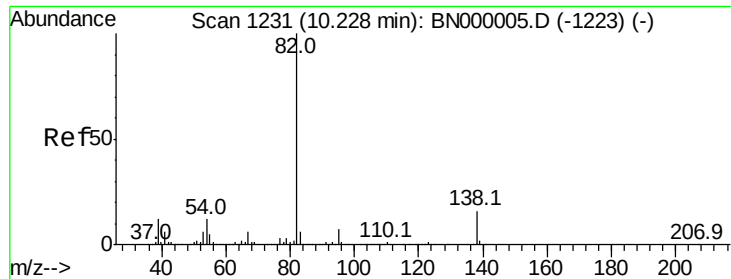


#24
 Nitrobenzene
 Concen: 3.392 ng
 RT: 9.69 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BN000028.D
 Acq: 06 Feb 2018 12:27

Tgt Ion: 77 Resp: 98199

Ion	Ratio	Lower	Upper
77	100		
123	43.9	33.0	49.6
65	12.0	13.0	19.6#





#25

Isophorone

Concen: 2.179 ng

RT: 10.22 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampled :

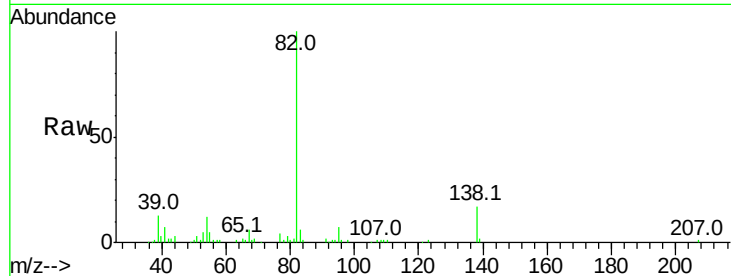
Tot Ion: 82 Resp: 139307

Ion Ratio Lower Upper

82 100

95 7.2 6.2 9.2

138 16.7 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN000005.D (-1223) (-)

Ion 95.00 (94.70 to 95.70): BN000005.D (-1223) (-)

Ion 138.00 (137.70 to 138.70): BN000005.D (-1223) (-)

10.22

80000

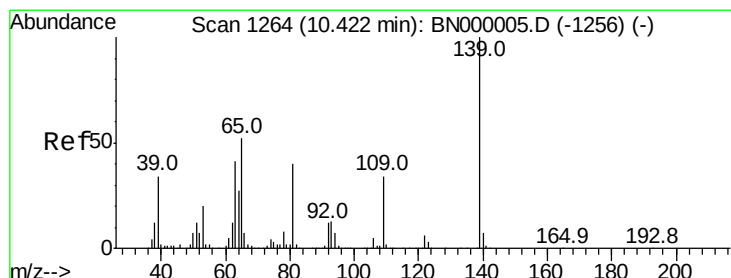
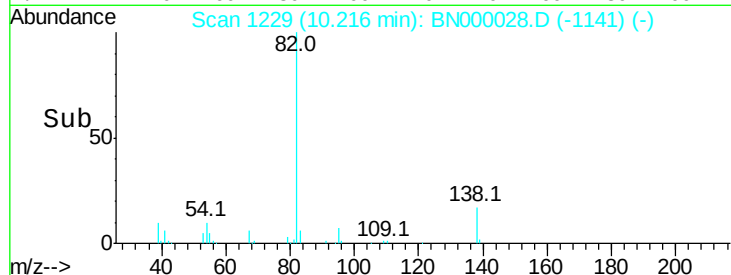
60000

40000

20000

0

Time--> 10.10 10.20 10.30



#26

2-Nitrophenol

Concen: 8.913 ng

RT: 10.41 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

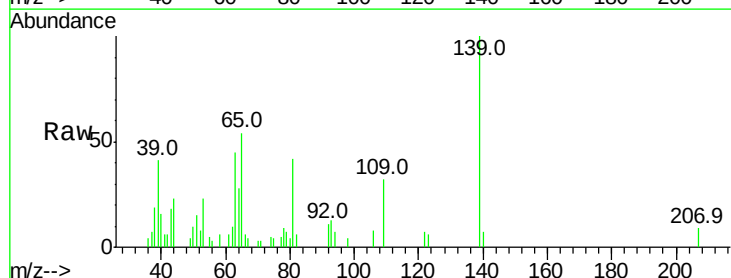
Tgt Ion: 139 Resp: 17975

Ion Ratio Lower Upper

139 100

109 31.7 24.2 36.2

65 53.9 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BN000005.D (-1256) (-)

Ion 109.00 (108.70 to 109.70): BN000005.D (-1256) (-)

Ion 65.00 (64.70 to 65.70): BN000005.D (-1256) (-)

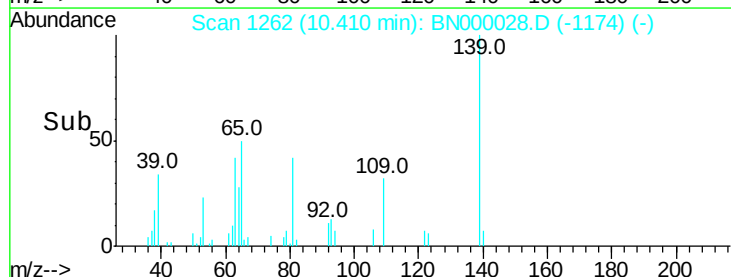
10.41

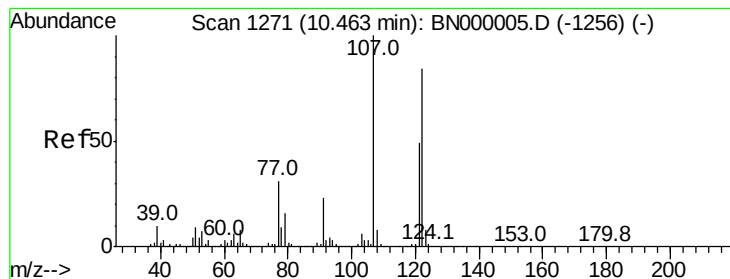
10000

5000

0

Time--> 10.35 10.40 10.45





#27

2,4-Dimethylphenol

Concen: 3.602 ng

RT: 10.45 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampled :

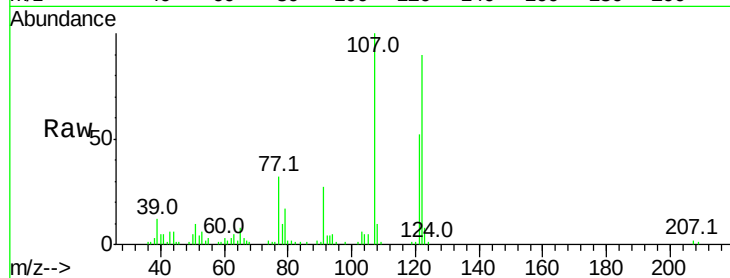
Tot Ion:122 Resp: 94430

Ion Ratio Lower Upper

122 100

107 111.2 100.2 150.2

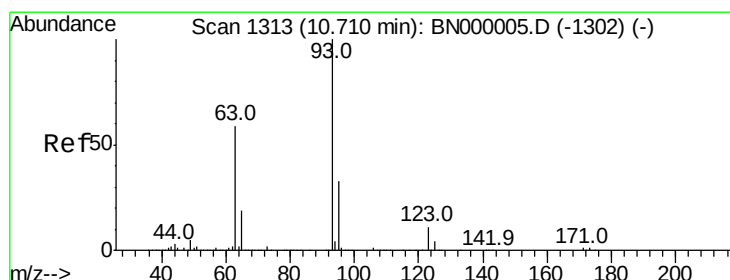
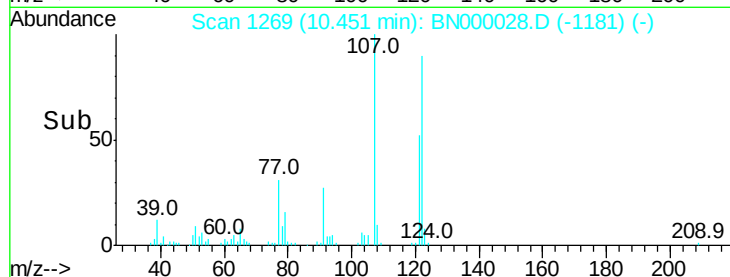
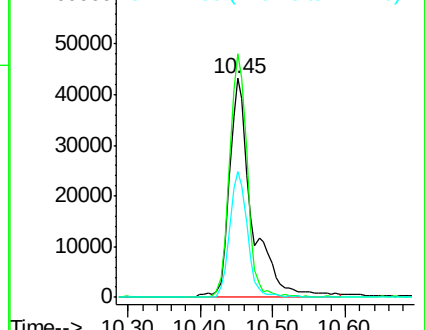
121 57.3 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 3.006 ng

RT: 10.70 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

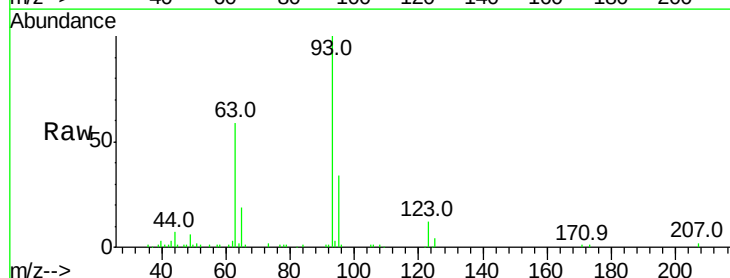
Tgt Ion: 93 Resp: 110856

Ion Ratio Lower Upper

93 100

95 34.5 24.3 36.5

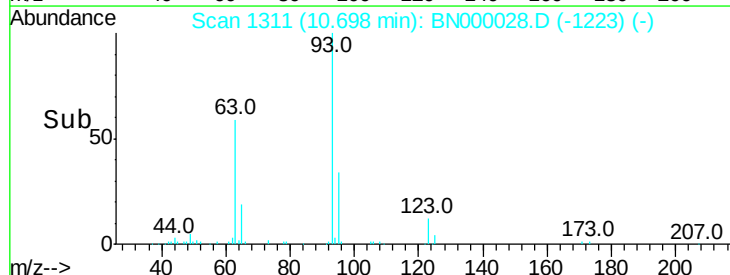
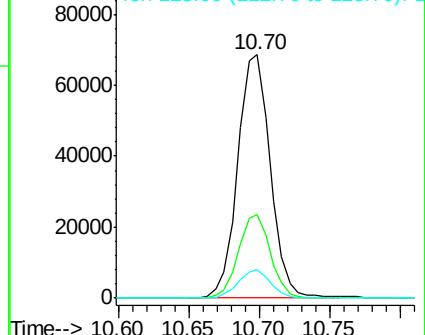
123 11.7 8.4 12.6

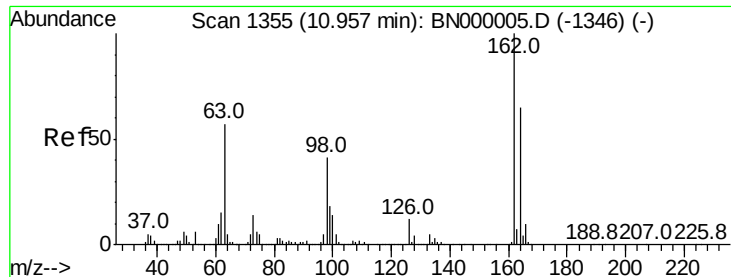


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 2.386 ng

RT: 10.95 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampled :

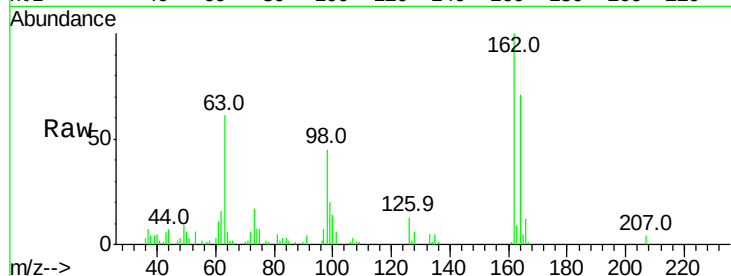
Tot Ion:162 Resp: 53666

Ion Ratio Lower Upper

162 100

164 71.2 48.0 88.0

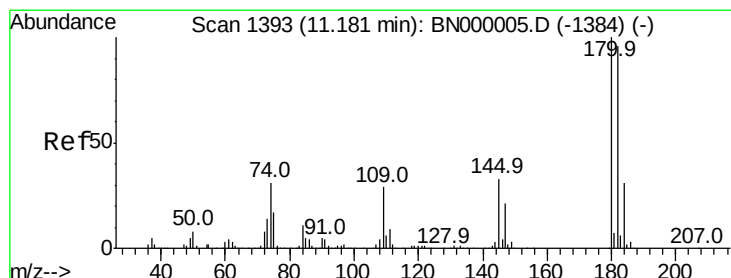
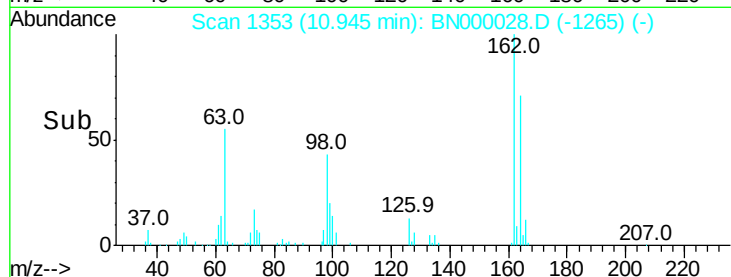
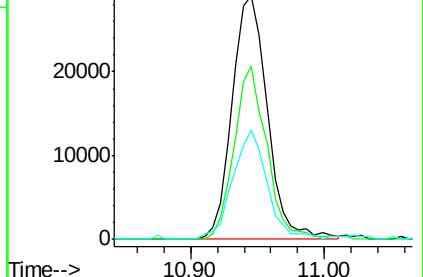
98 45.0 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#30

1,2,4-Trichlorobenzene

Concen: 2.851 ng

RT: 11.17 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

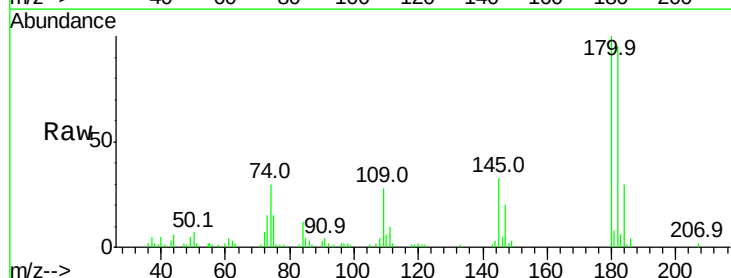
Tgt Ion:180 Resp: 75117

Ion Ratio Lower Upper

180 100

182 94.8 77.5 116.3

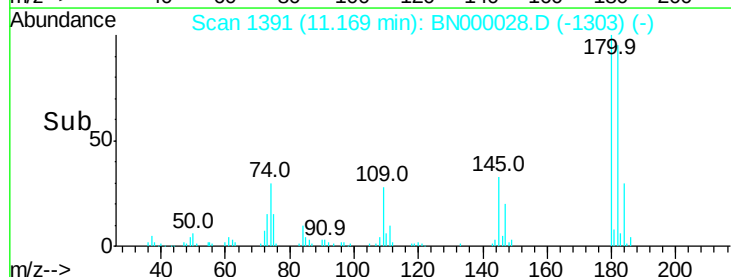
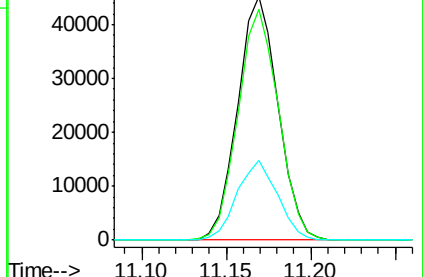
145 32.7 23.4 35.2

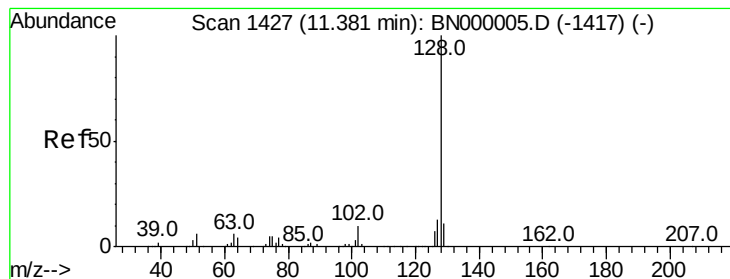


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 2.947 ng

RT: 11.36 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampled :

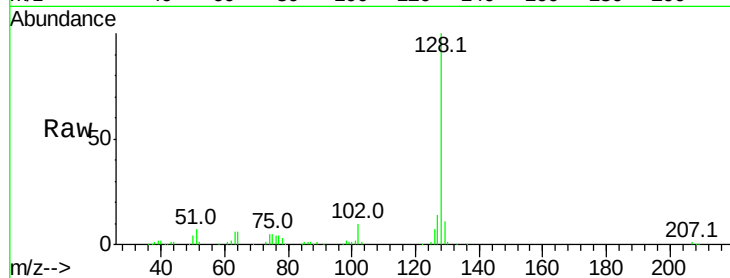
Tot Ion:128 Resp: 269789

Ion Ratio Lower Upper

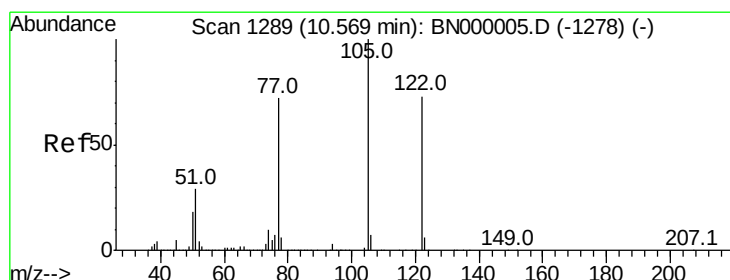
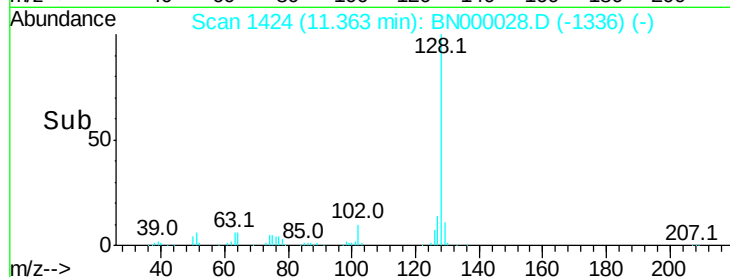
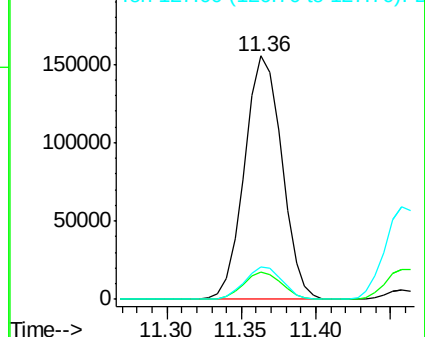
128 100

129 11.2 8.6 12.8

127 13.5 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: 12.774 ng

RT: 10.45 min Scan# 1269

Delta R.T. -0.08 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

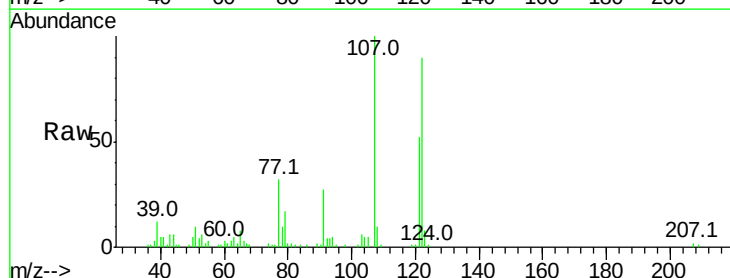
Tgt Ion:122 Resp: 94430

Ion Ratio Lower Upper

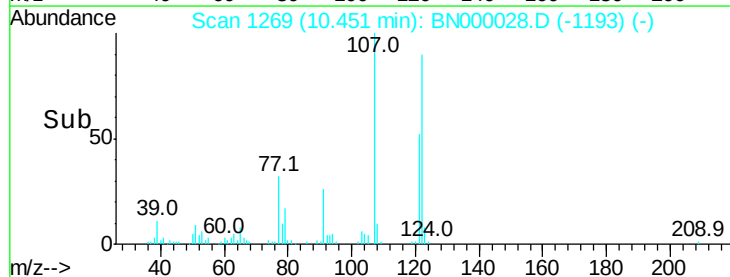
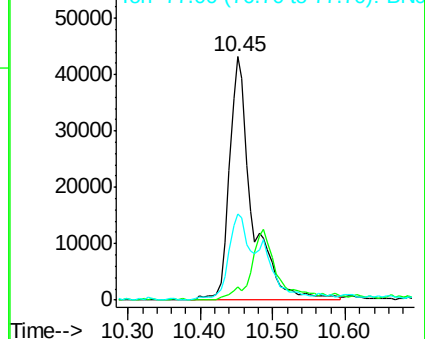
122 100

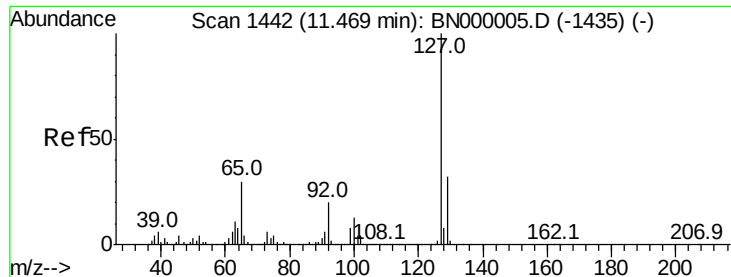
105 5.3 123.5 163.5#

77 35.6 85.7 125.7#



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

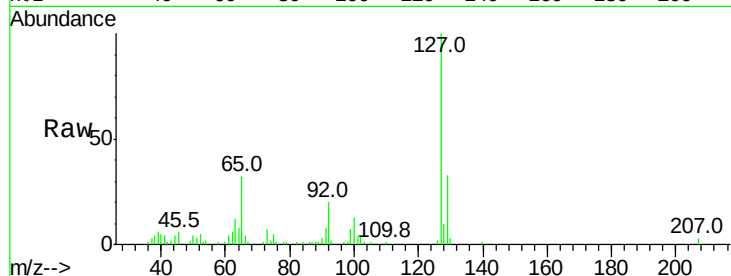




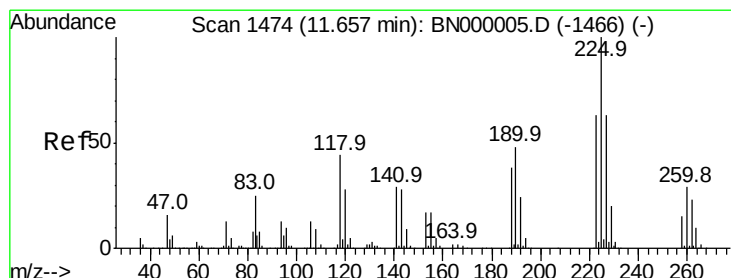
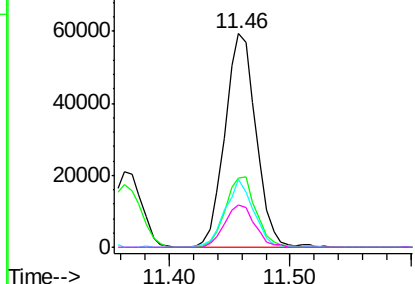
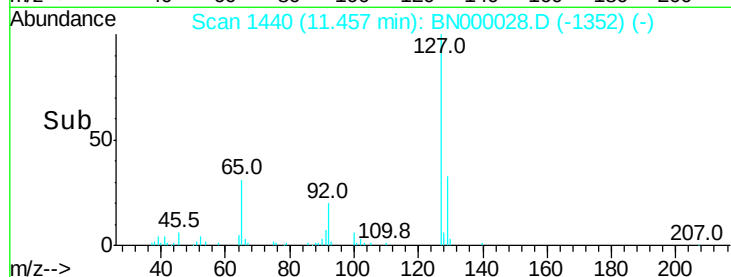
#33
4-Chloroaniline
Concen: 2.501 ng
RT: 11.46 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	106150
Ion	Ratio	Lower	Upper
127	100		
129	32.6	24.0	36.0
65	31.5	27.0	40.4
92	20.1	16.6	25.0

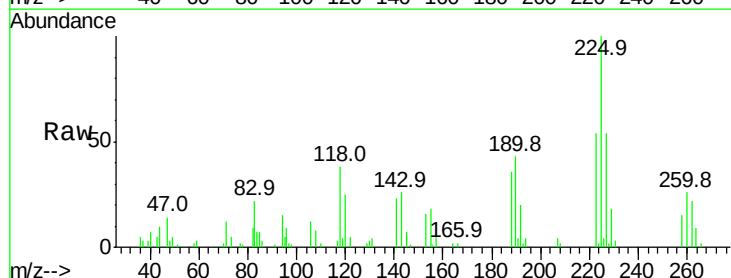


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

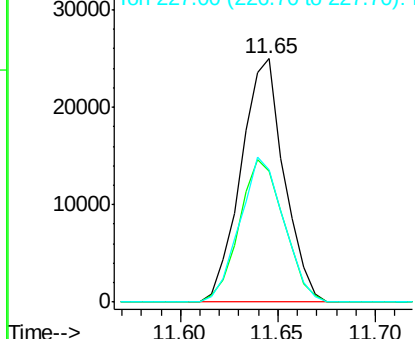
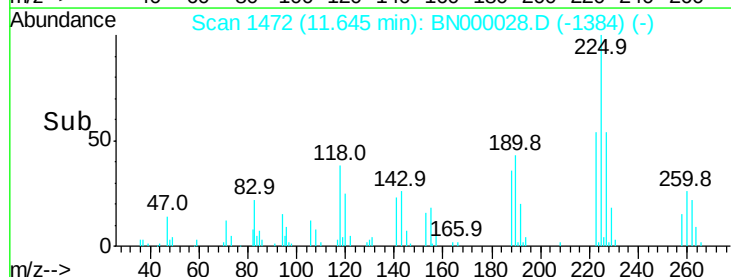


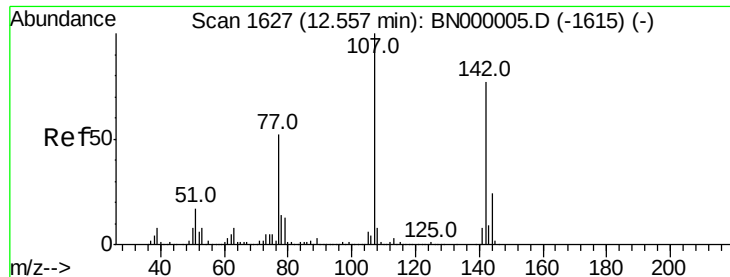
#34
Hexachlorobutadiene
Concen: 2.845 ng
RT: 11.65 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Tgt Ion:	225	Resp:	38185
Ion	Ratio	Lower	Upper
225	100		
223	53.6	49.7	74.5
227	54.4	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

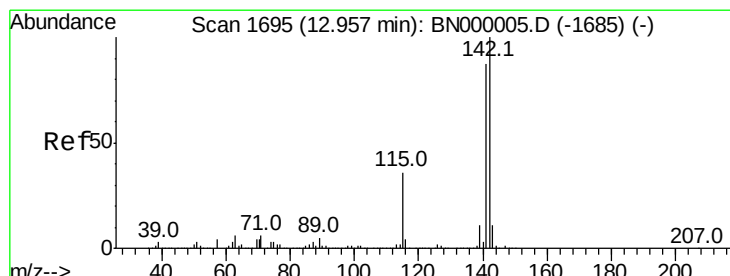
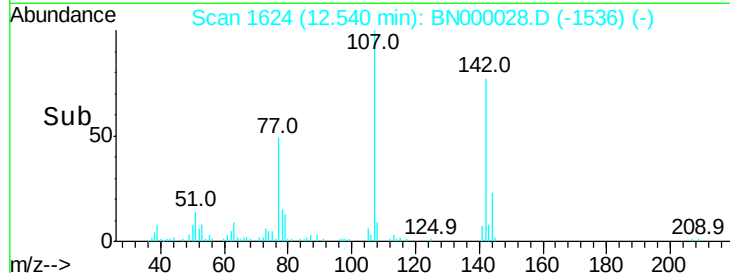
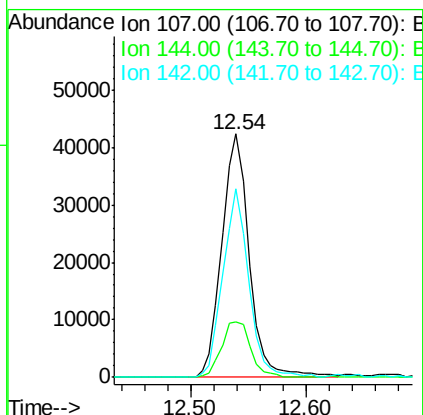
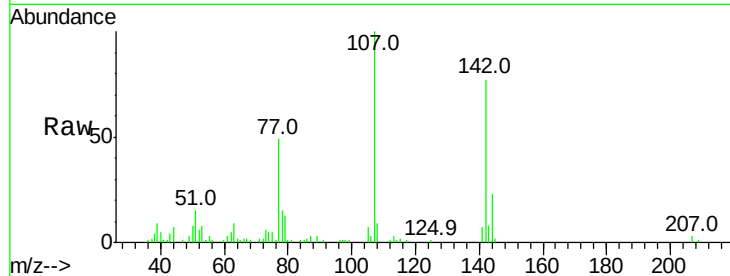




#36
 4-Chloro-3-methylphenol
 Concen: 2.290 ng
 RT: 12.54 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BN000028.D
 Acq: 06 Feb 2018 12:27

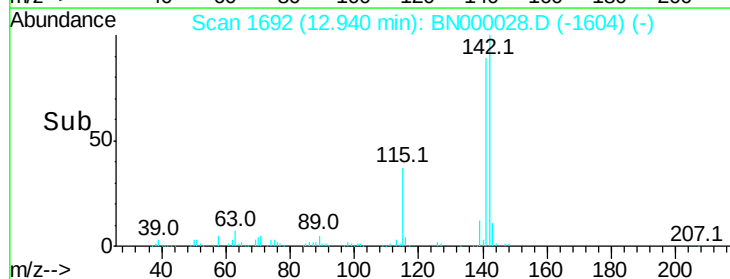
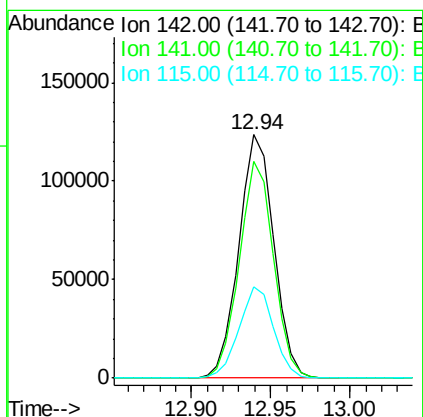
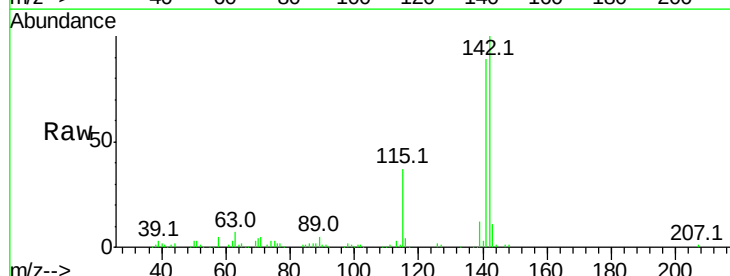
Instrument :
 BNA_N
 ClientSampleId :

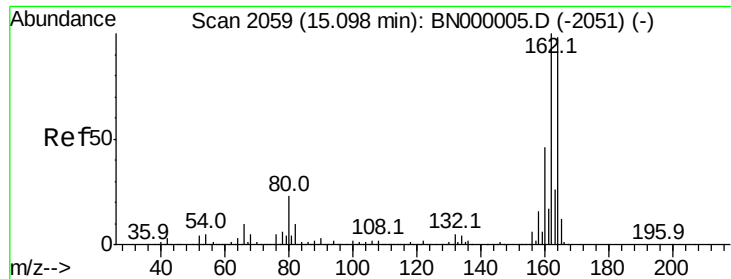
Tot Ion:107 Resp: 70036
 Ion Ratio Lower Upper
 107 100
 144 22.8 18.2 27.4
 142 77.3 59.0 88.4



#37
 2-Methylnaphthalene
 Concen: 2.925 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BN000028.D
 Acq: 06 Feb 2018 12:27

Tgt Ion:142 Resp: 189231
 Ion Ratio Lower Upper
 142 100
 141 88.9 67.1 100.7
 115 37.3 30.7 46.1

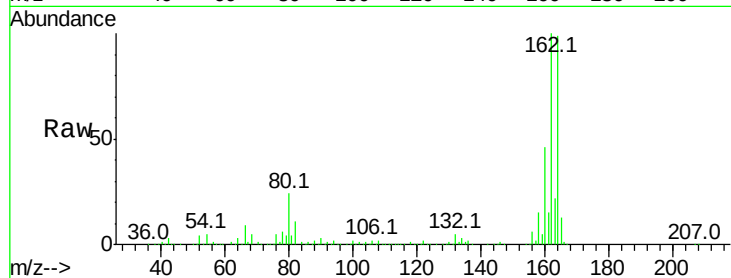




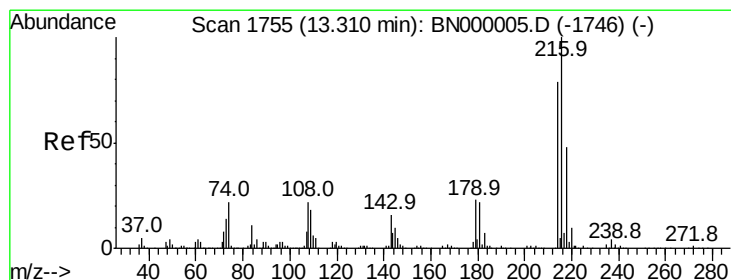
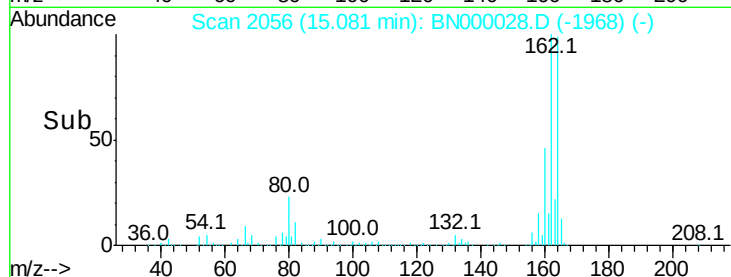
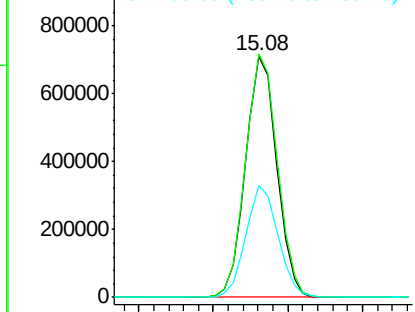
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 1024235
Ion Ratio Lower Upper
164 100
162 100.9 78.8 118.2
160 46.3 35.4 53.0

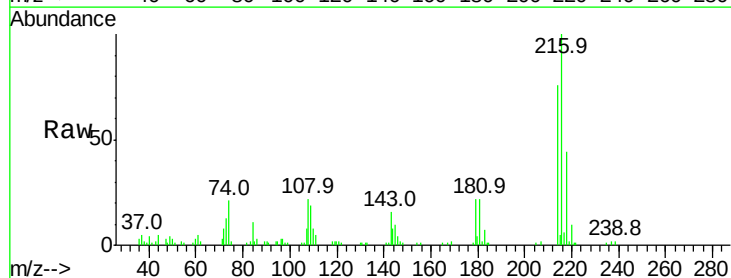


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

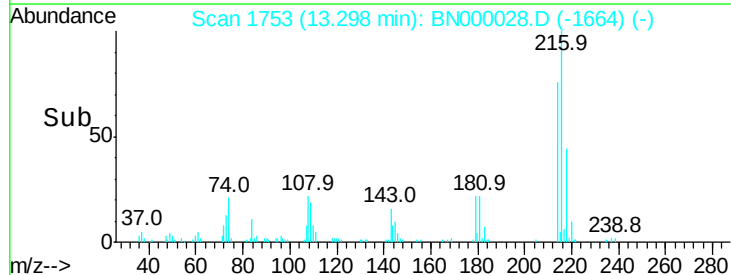
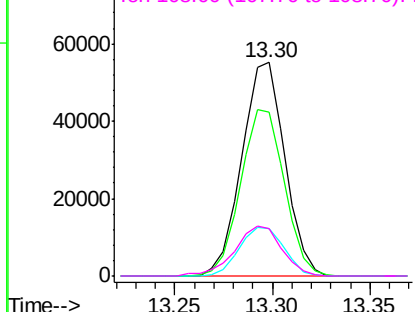


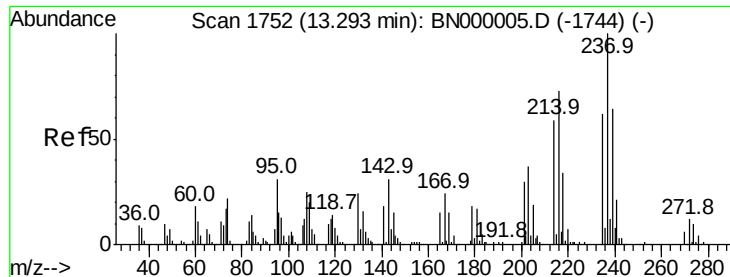
#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.824 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Tgt Ion:216 Resp: 84249
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.4
179 23.7 17.0 25.6
108 25.6 12.8 19.2#



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

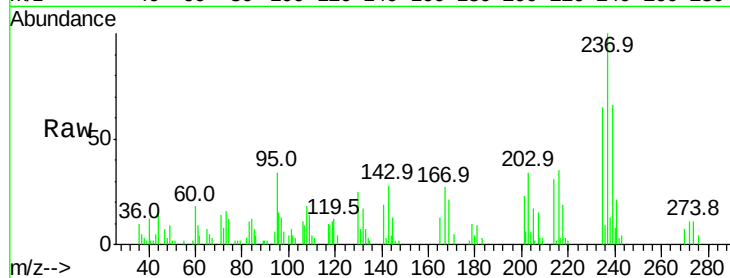




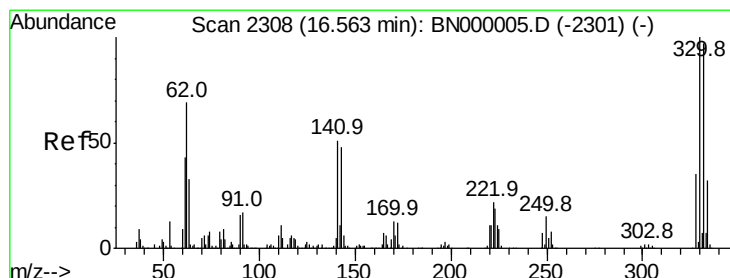
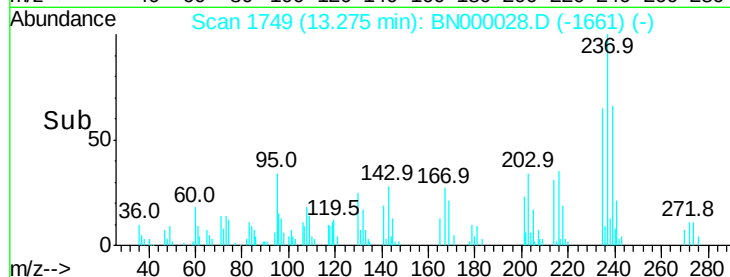
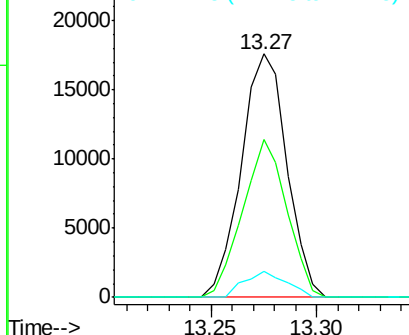
#40
Hexachlorocyclopentadiene
Concen: 2.640 ng
RT: 13.27 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:237 Resp: 26309
Ion Ratio Lower Upper
237 100
235 64.6 50.4 90.4
272 10.8 0.0 31.8

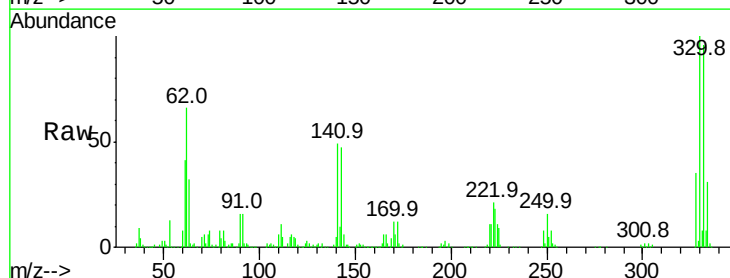


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

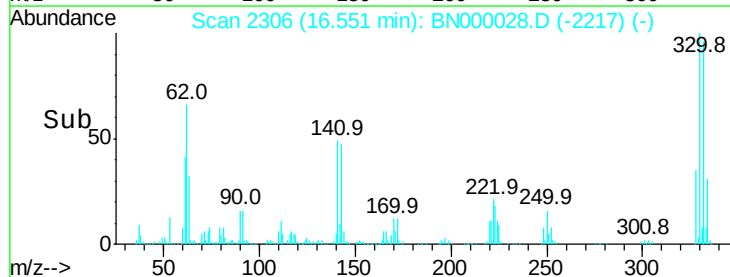
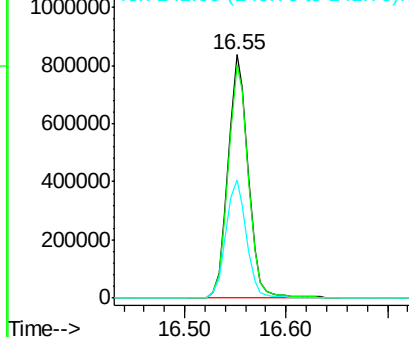


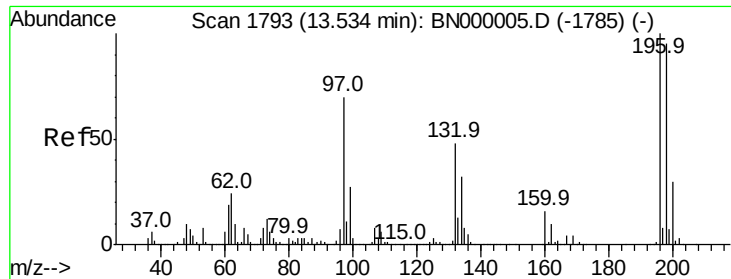
#41
2,4,6-Tribromophenol
Concen: 112.110 ng
RT: 16.55 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Tgt Ion:330 Resp: 1154301
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 50.0 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

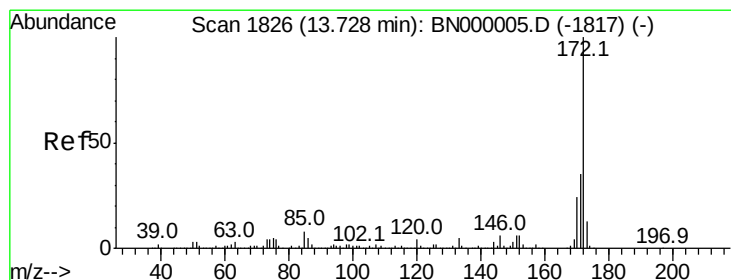
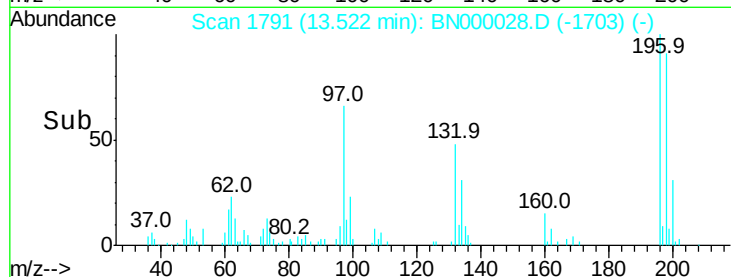
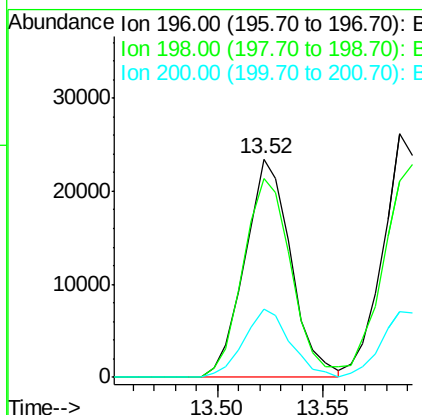
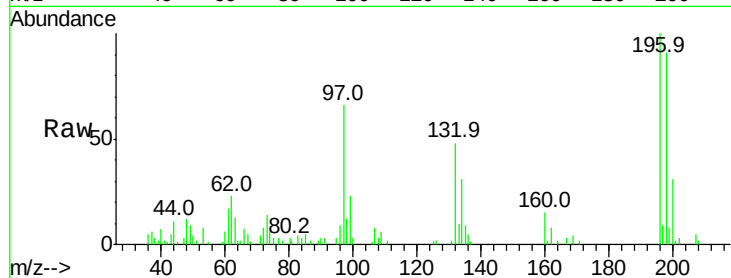




#42
 2,4,6-Trichlorophenol
 Concen: 2.015 ng
 RT: 13.52 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BN000028.D
 Acq: 06 Feb 2018 12:27

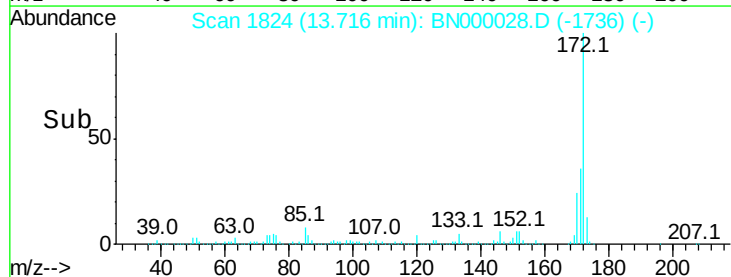
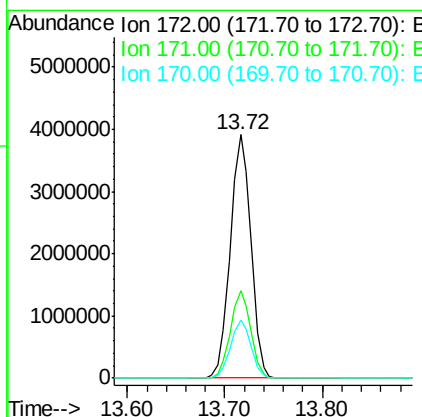
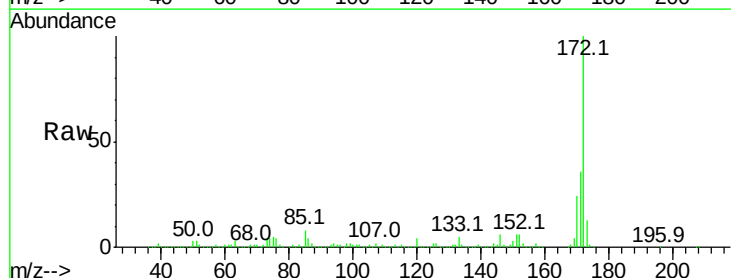
Instrument :
 BNA_N
 ClientSampleId :

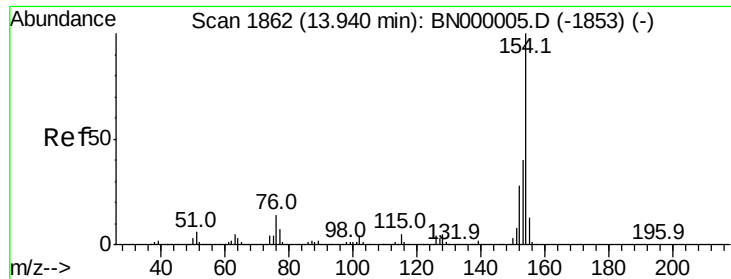
Tot Ion:196 Resp: 35529
 Ion Ratio Lower Upper
 196 100
 198 90.9 78.2 117.2
 200 31.2 24.6 36.8



#44
 2-Fluorobiphenyl
 Concen: 74.655 ng
 RT: 13.72 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BN000028.D
 Acq: 06 Feb 2018 12:27

Tgt Ion:172 Resp: 5709362
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.0 45.0
 170 23.6 19.5 29.3





#45

1,1'-Biphenyl

Concen: 3.062 ng

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampleId :

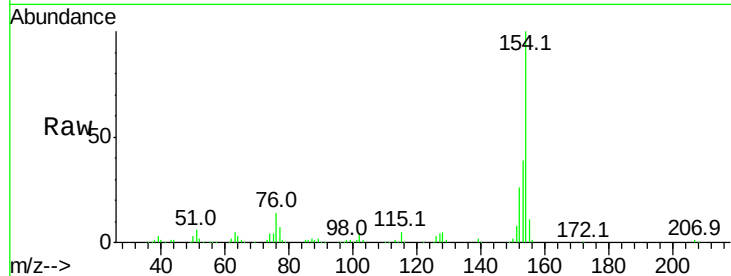
Tot Ion:154 Resp: 280194

Ion Ratio Lower Upper

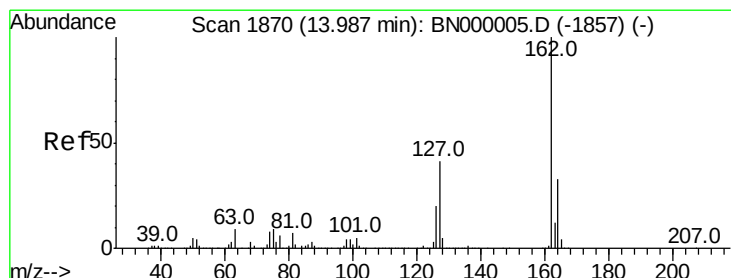
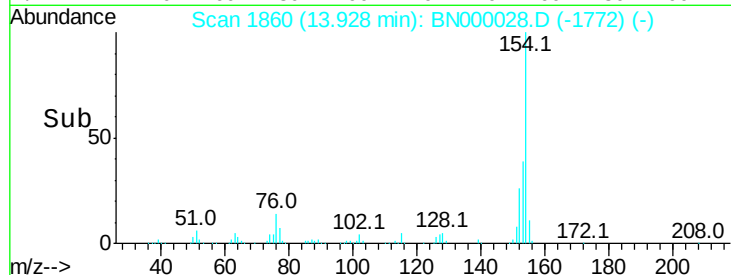
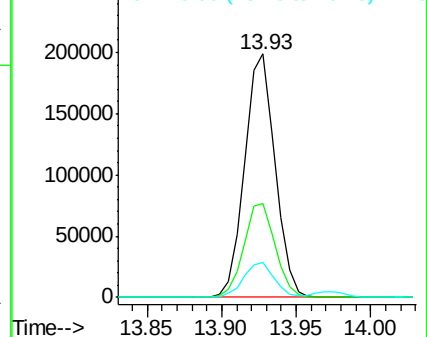
154 100

153 38.8 19.8 59.8

76 14.2 0.0 31.9



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



#46

2-Chloronaphthalene

Concen: 2.822 ng

RT: 13.97 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

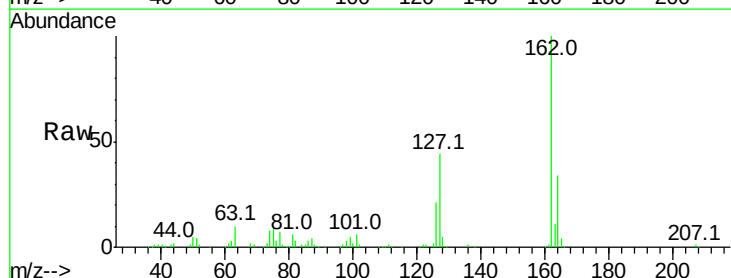
Tgt Ion:162 Resp: 193896

Ion Ratio Lower Upper

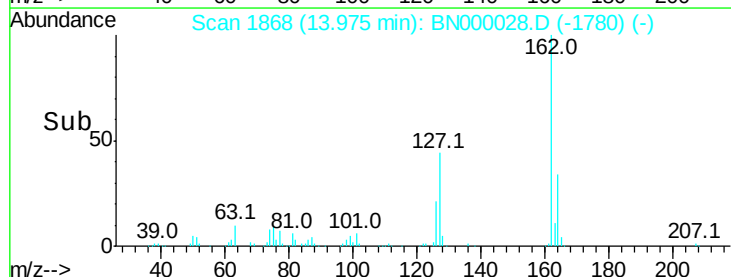
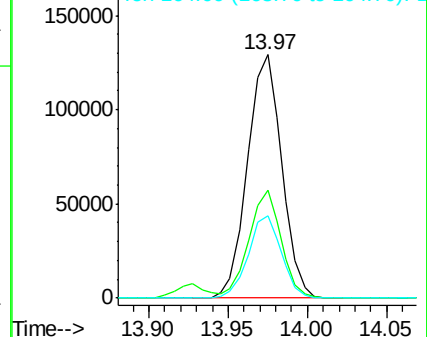
162 100

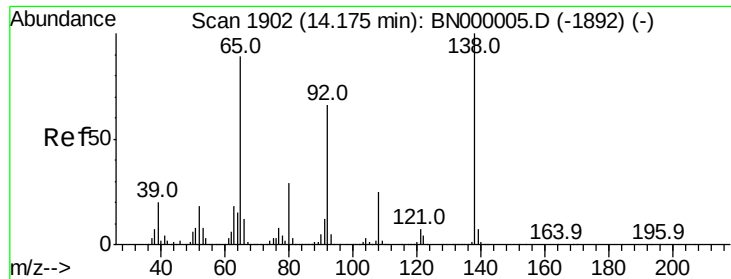
127 44.1 30.7 46.1

164 34.0 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 8.572 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampled :

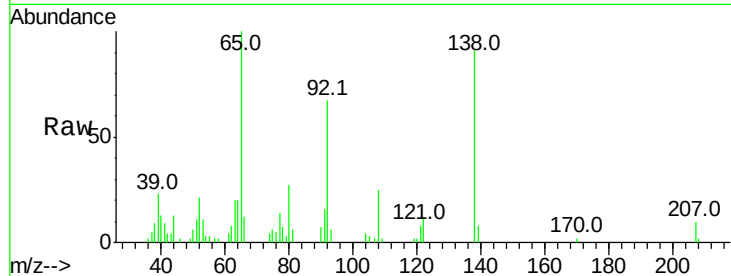
Tot Ion: 65 Resp: 28795

Ion Ratio Lower Upper

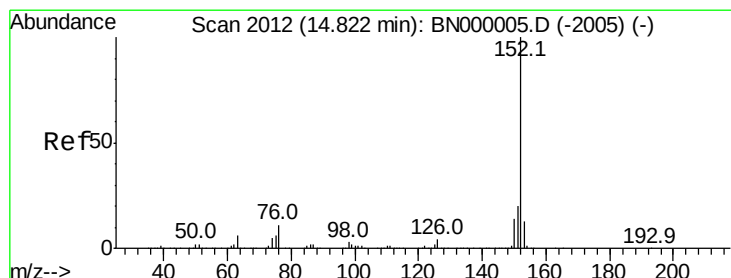
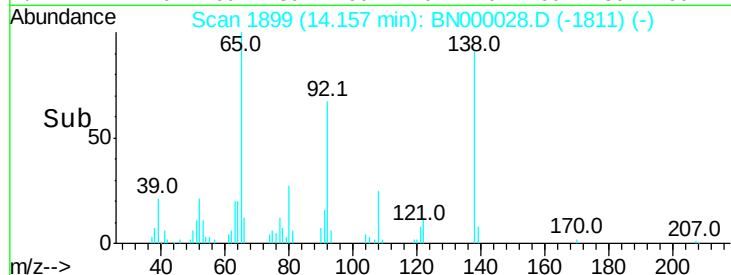
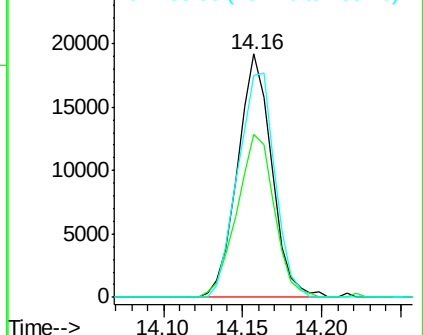
65 100

92 66.7 54.6 82.0

138 90.9 72.9 109.3



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



#48

Acenaphthylene

Concen: 2.386 ng

RT: 14.81 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

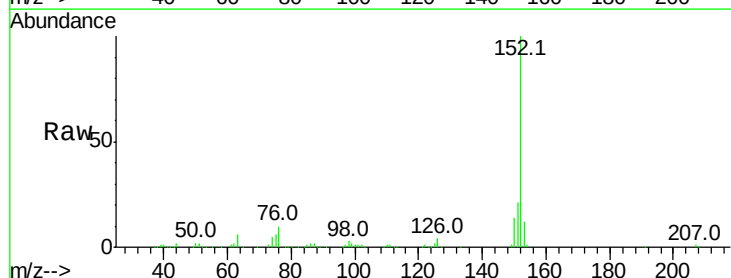
Tgt Ion: 152 Resp: 275221

Ion Ratio Lower Upper

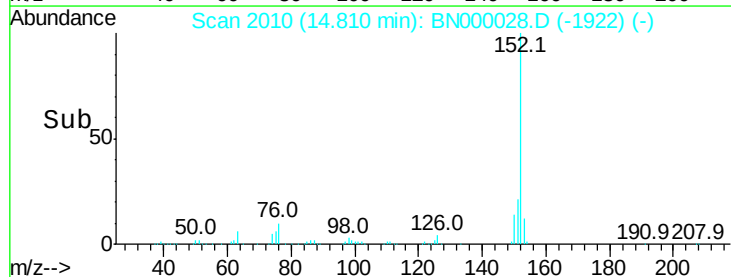
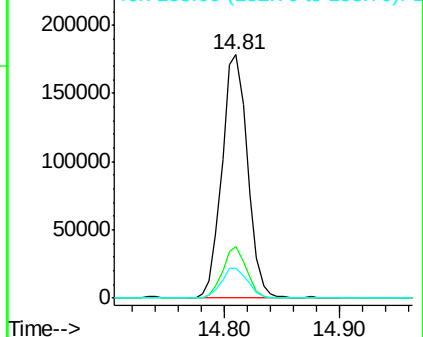
152 100

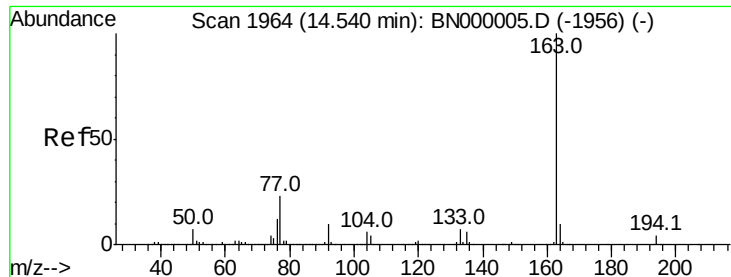
151 21.0 17.2 25.8

153 12.4 10.2 15.4



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





#49

Dimethylphthalate

Concen: 2.512 ng

RT: 14.52 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampleId :

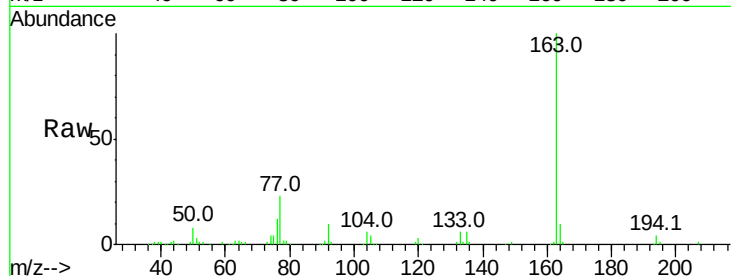
Tot Ion:163 Resp: 229910

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

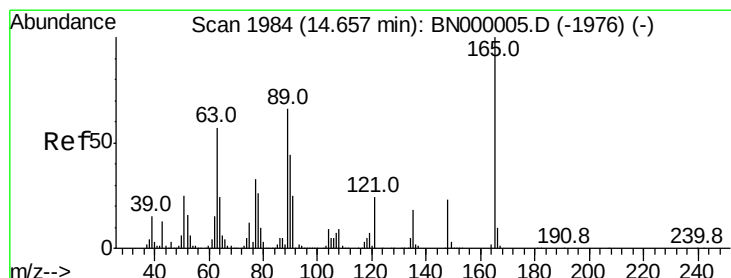
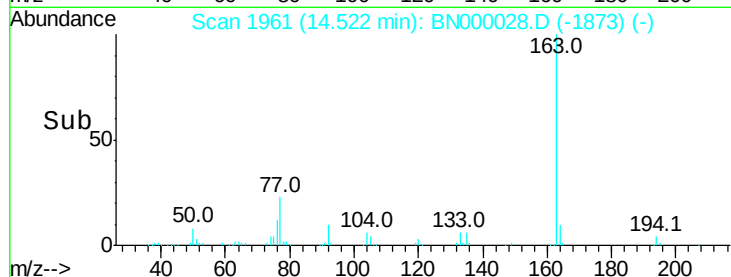
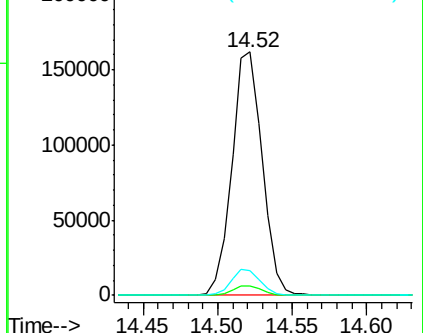
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 6.880 ng

RT: 14.64 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

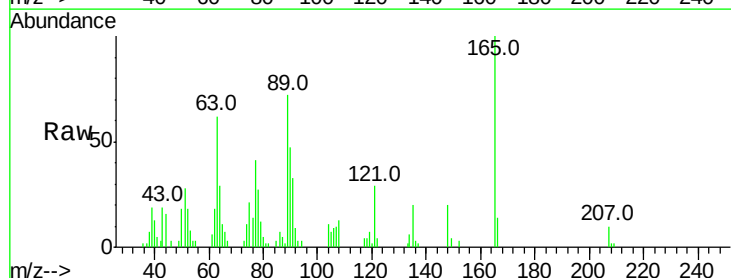
Tgt Ion:165 Resp: 26286

Ion Ratio Lower Upper

165 100

63 61.9 52.7 79.1

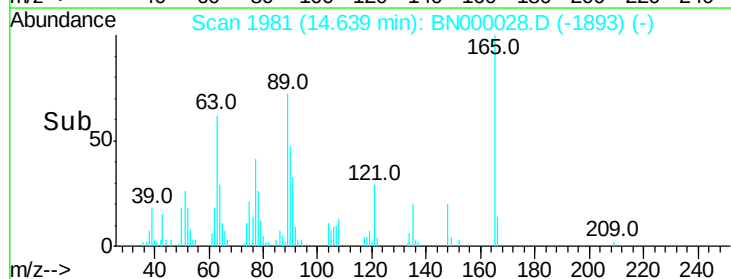
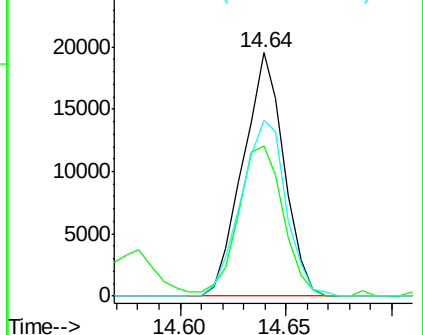
89 72.0 49.2 73.8

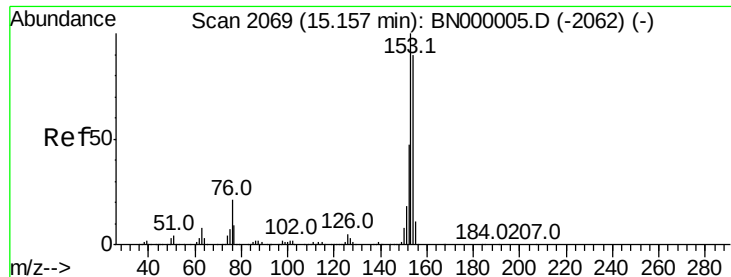


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 2.714 ng

RT: 15.15 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampleId :

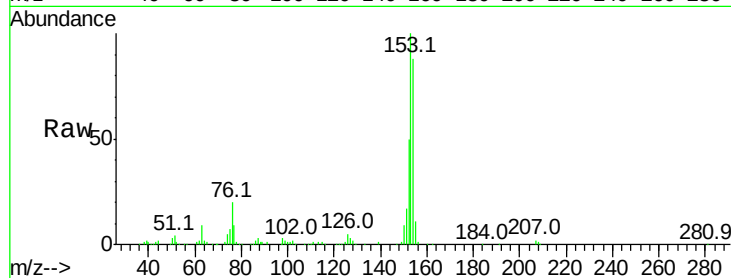
Tot Ion:154 Resp: 197606

Ion Ratio Lower Upper

154 100

153 114.1 90.4 135.6

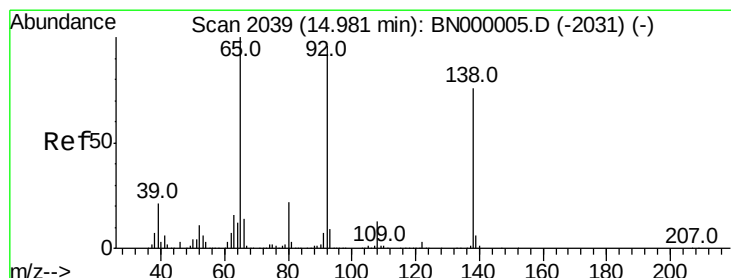
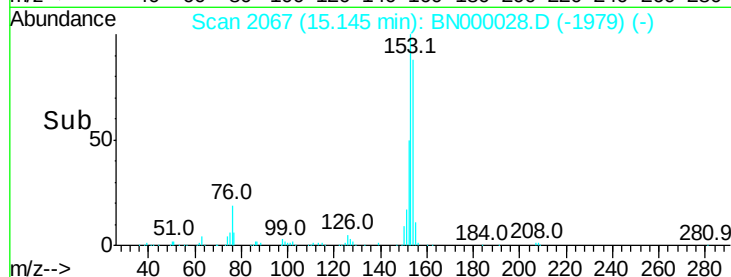
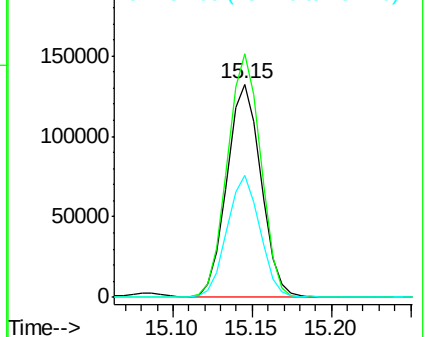
152 57.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.431 ng

RT: 14.97 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

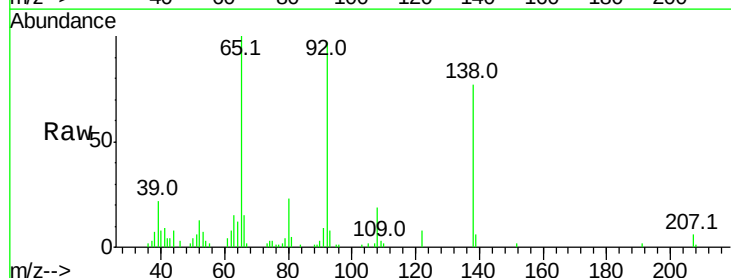
Tgt Ion:138 Resp: 34190

Ion Ratio Lower Upper

138 100

108 24.7 17.5 26.3

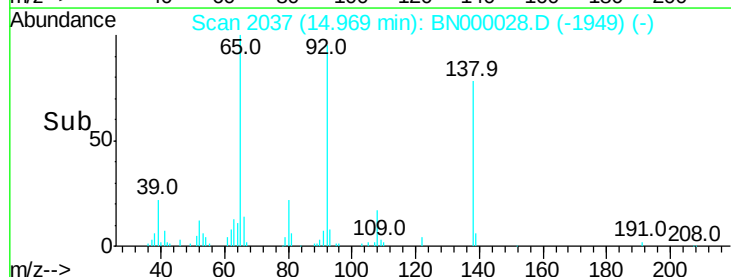
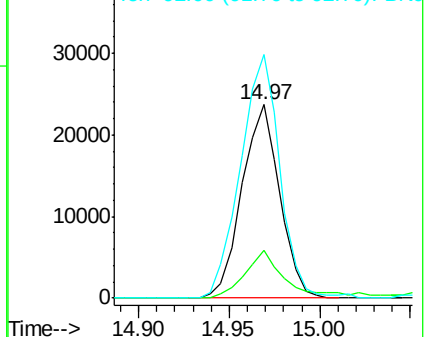
92 126.1 105.8 158.8

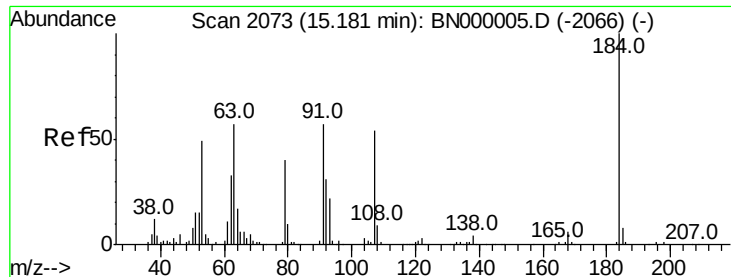


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

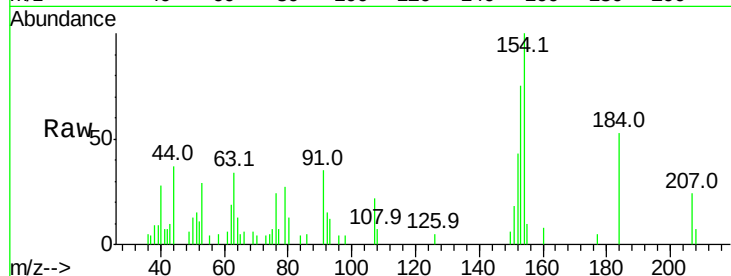




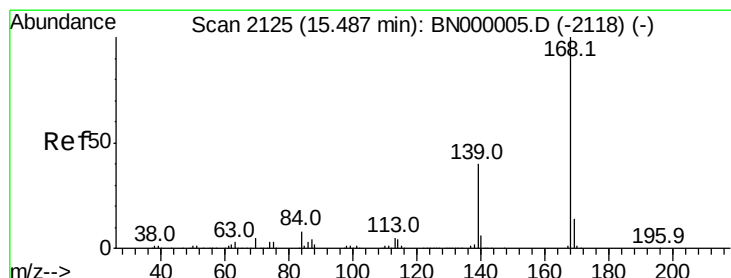
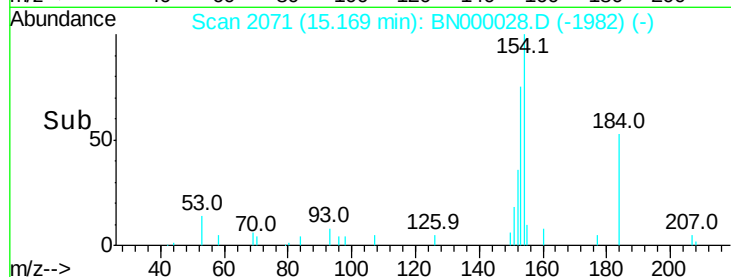
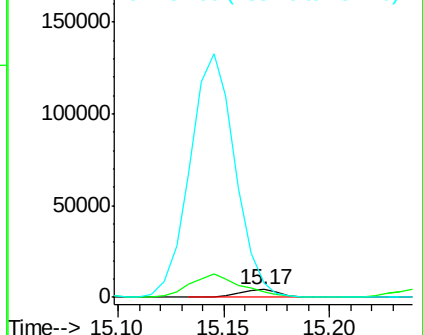
#53
2,4-Dinitrophenol
Concen: 6.025 ng
RT: 15.17 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 5779
Ion Ratio Lower Upper
184 100
63 64.8 80.0 120.0#
154 189.3 308.0 462.0#

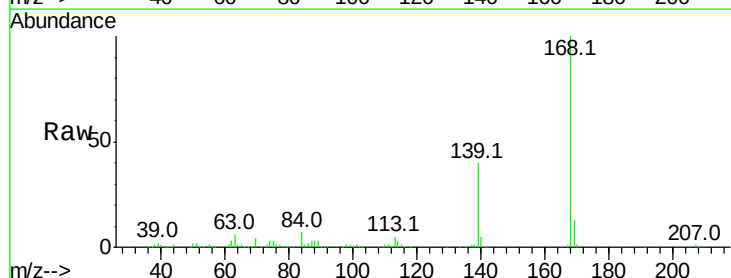


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

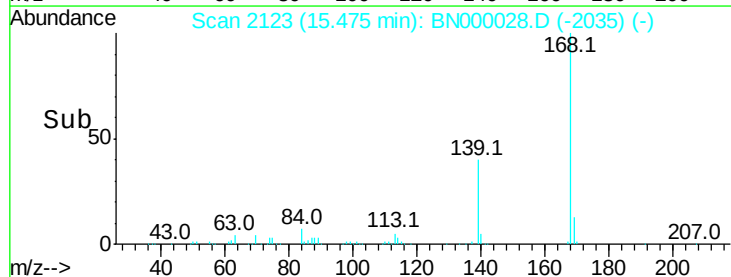
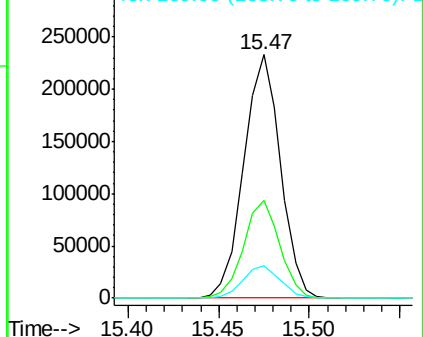


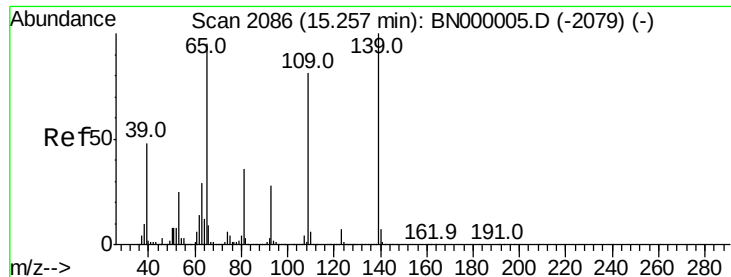
#54
Dibenzofuran
Concen: 3.128 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Tgt Ion:168 Resp: 326729
Ion Ratio Lower Upper
168 100
139 40.0 28.6 43.0
169 13.2 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

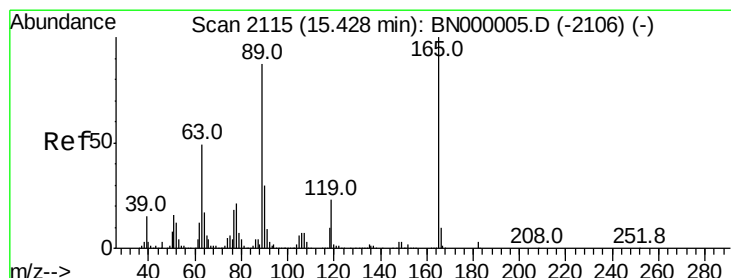
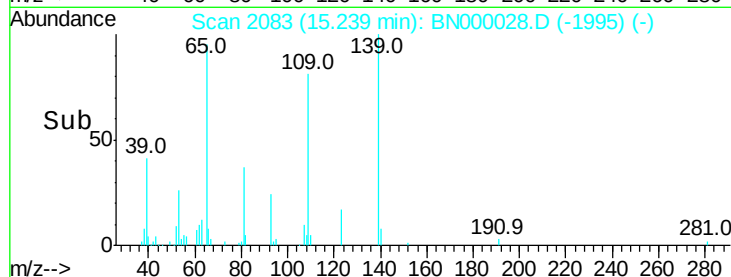
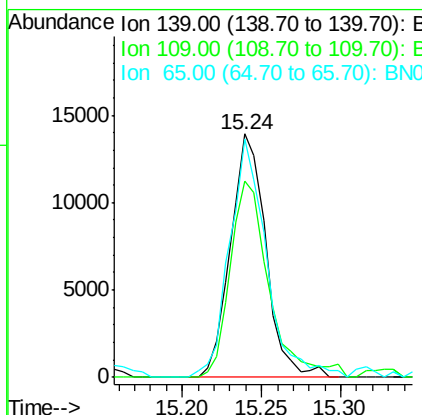
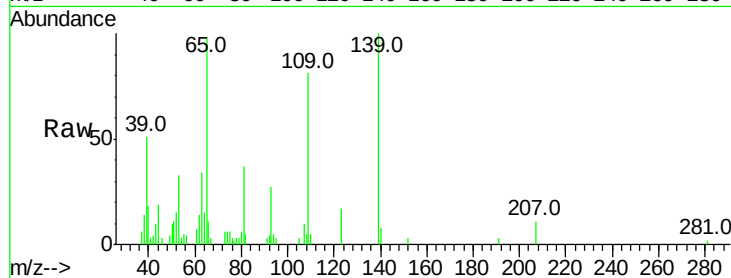




#55
4-Nitrophenol
Concen: 8.080 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

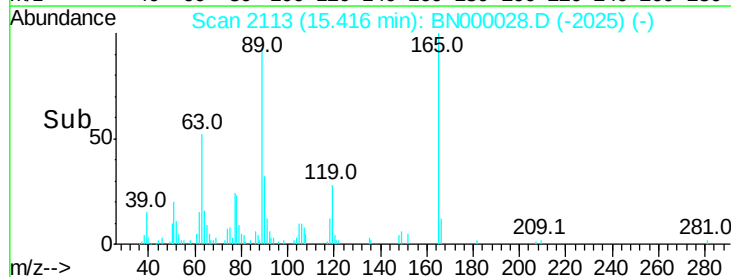
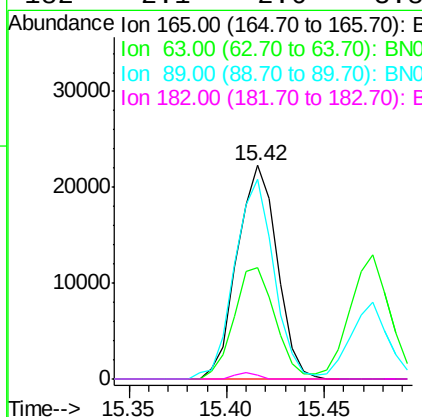
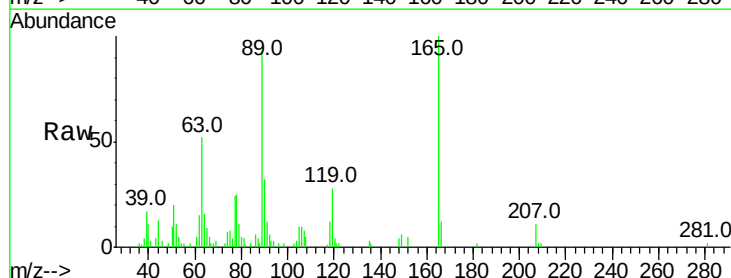
Instrument :
BNA_N
ClientSampleId :

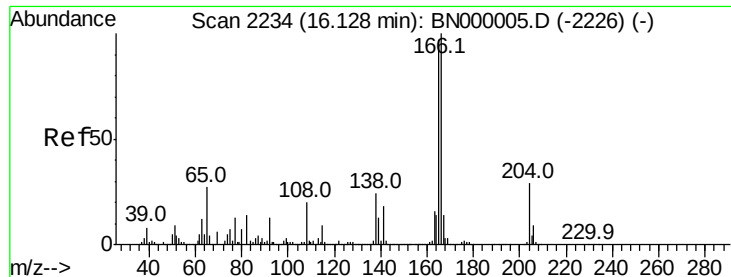
Tot Ion:139 Resp: 21549
Ion Ratio Lower Upper
139 100
109 80.5 62.2 102.2
65 98.0 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 8.258 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Tgt Ion:165 Resp: 31666
Ion Ratio Lower Upper
165 100
63 51.9 42.0 63.0
89 93.2 66.9 100.3
182 2.1 2.6 3.8#





#57

Fluorene

Concen: 2.853 ng

RT: 16.12 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampleId :

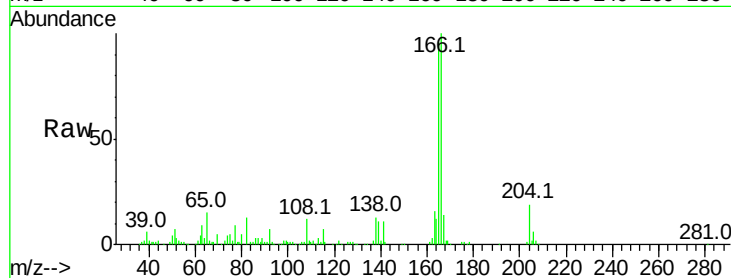
Tot Ion:166 Resp: 250962

Ion Ratio Lower Upper

166 100

165 95.7 80.6 121.0

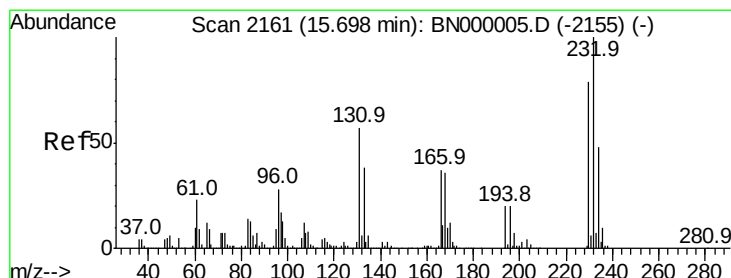
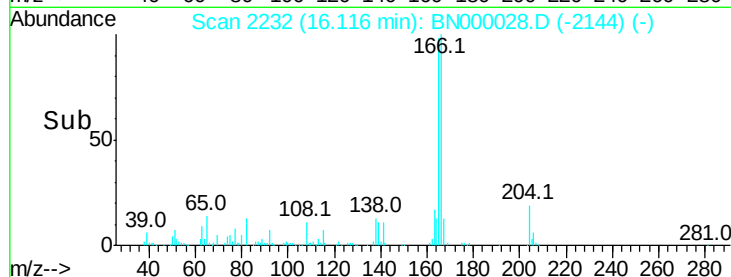
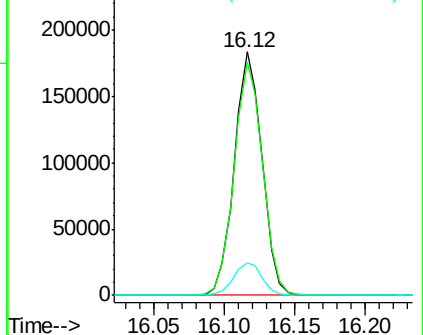
167 13.5 10.4 15.6



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.097 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Tgt Ion:232 Resp: 35470

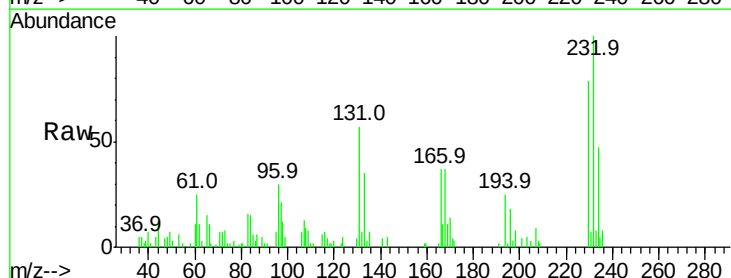
Ion Ratio Lower Upper

232 100

131 56.5 33.5 50.3#

130 2.5 2.2 3.2

166 35.5 24.8 37.2

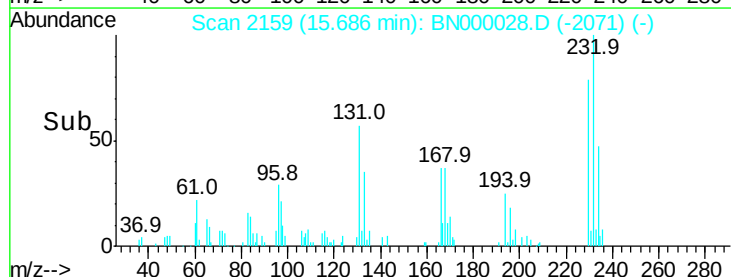
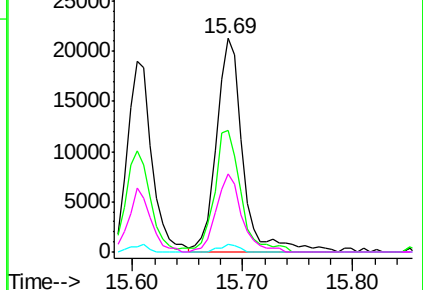


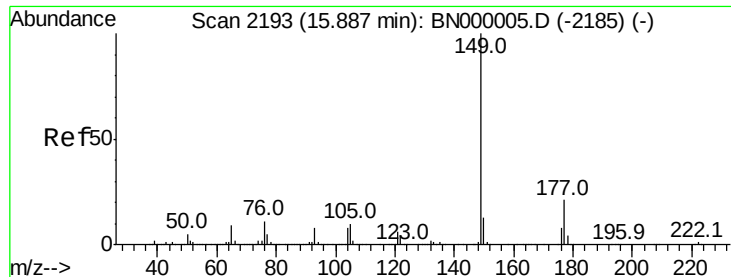
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

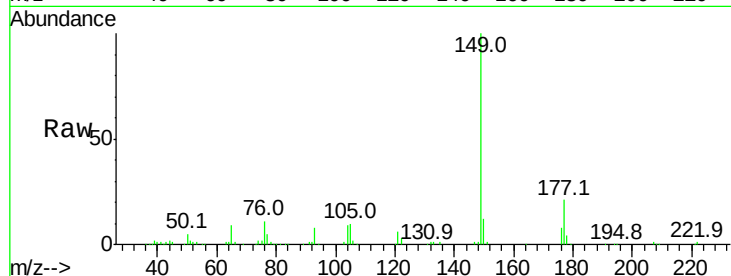




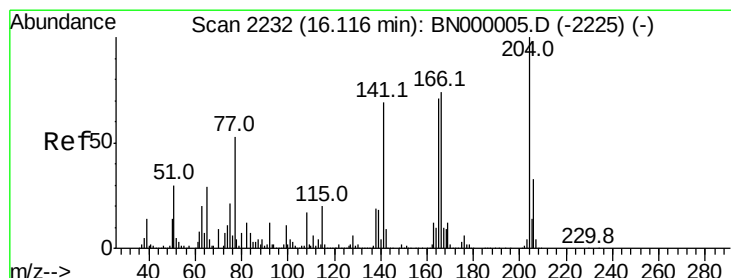
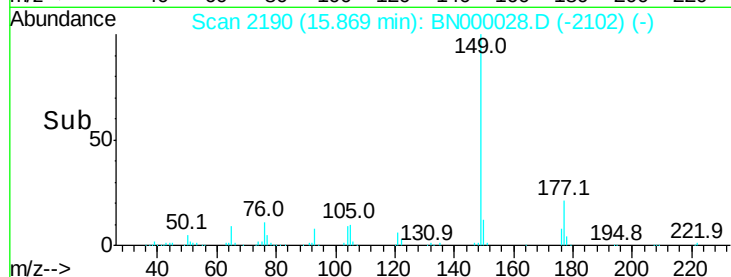
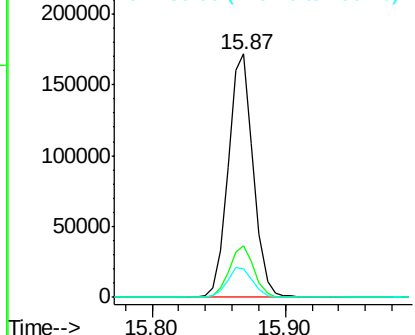
#59
Diethylphthalate
Concen: 2.344 ng
RT: 15.87 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 224170
Ion Ratio Lower Upper
149 100
177 21.0 18.5 27.7
150 11.9 10.2 15.2

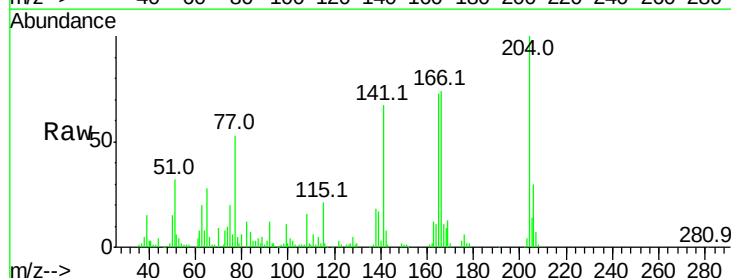


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

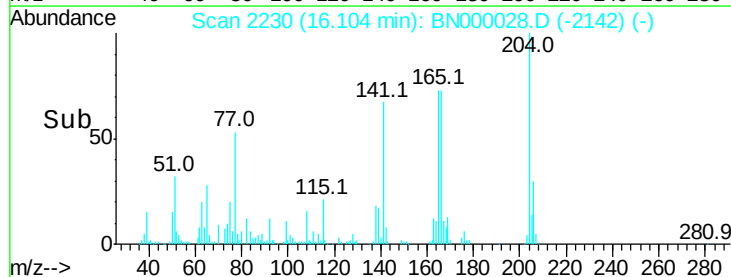
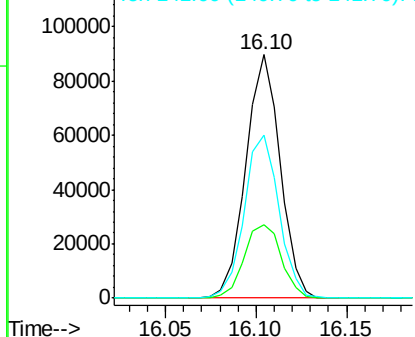


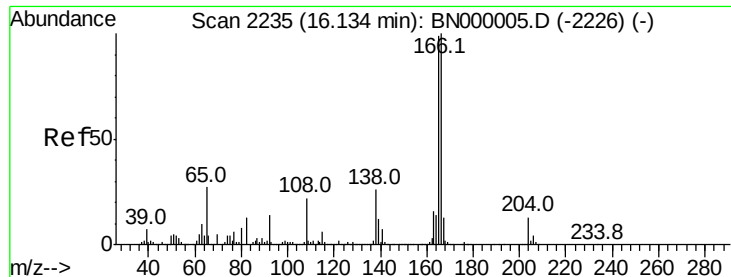
#60
4-Chlorophenyl-phenylether
Concen: 3.038 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Tgt Ion:204 Resp: 118111
Ion Ratio Lower Upper
204 100
206 30.3 26.2 39.2
141 67.0 45.8 68.6



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





#61

4-Nitroaniline

Concen: 7.423 ng

RT: 16.11 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampleId :

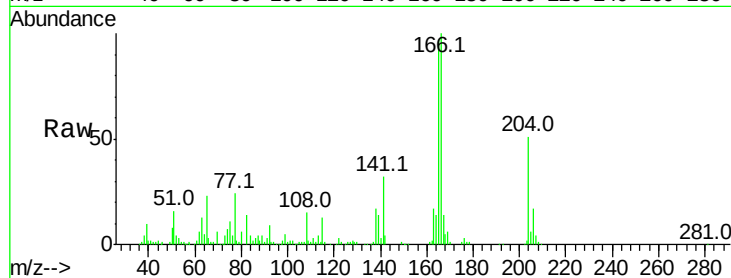
Tot Ion:138 Resp: 35554

Ion Ratio Lower Upper

138 100

92 53.8 40.1 80.1

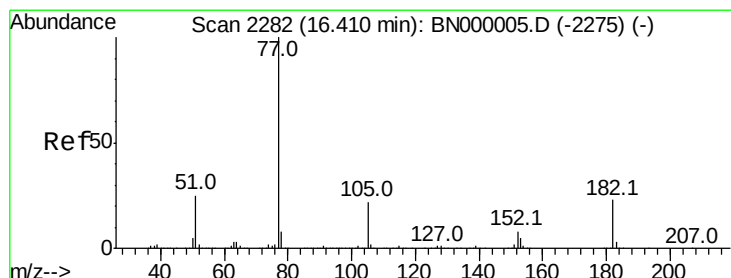
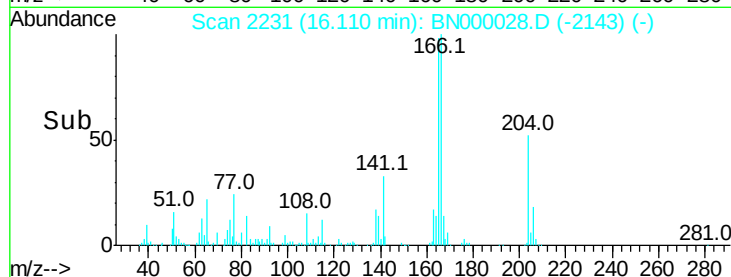
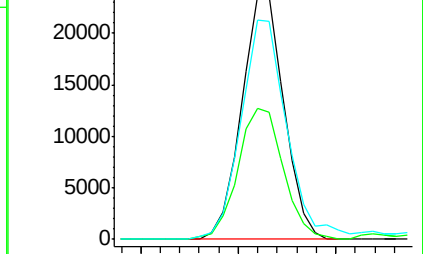
108 89.8 65.4 105.4



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



#62

Azobenzene

Concen: 2.421 ng

RT: 16.39 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Tgt Ion: 77 Resp: 231368

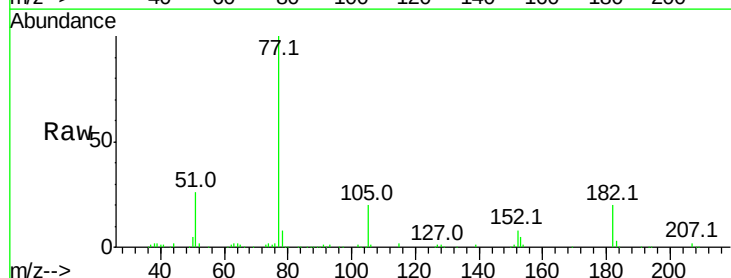
Ion Ratio Lower Upper

77 100

182 20.1 7.4 47.4

105 20.0 0.3 40.3

51 25.5 11.6 51.6

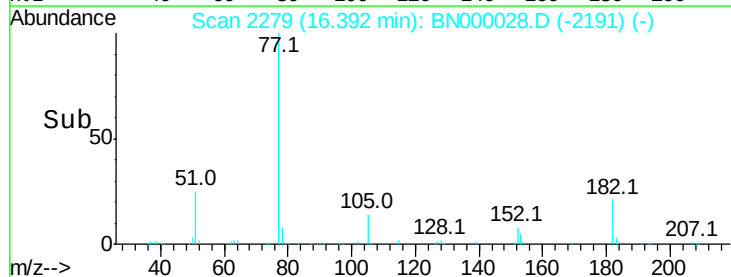
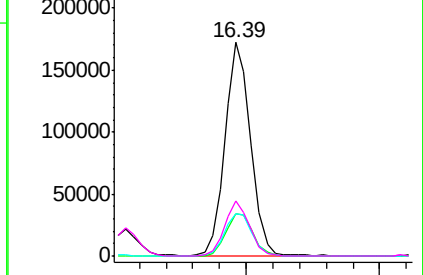


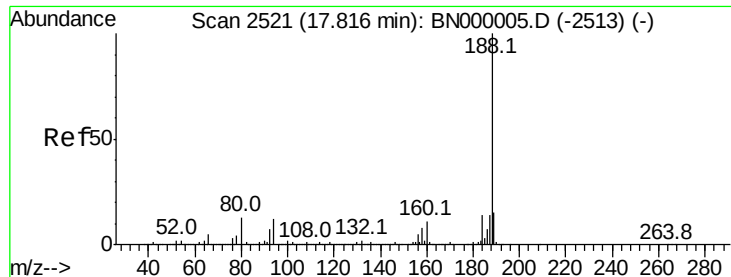
Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BNC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.80 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampled :

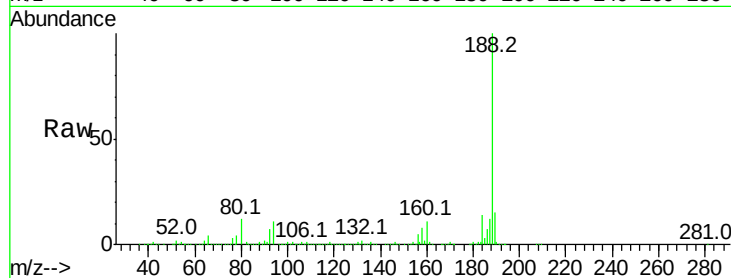
Tot Ion:188 Resp: 2430225

Ion Ratio Lower Upper

188 100

94 11.5 6.9 10.3#

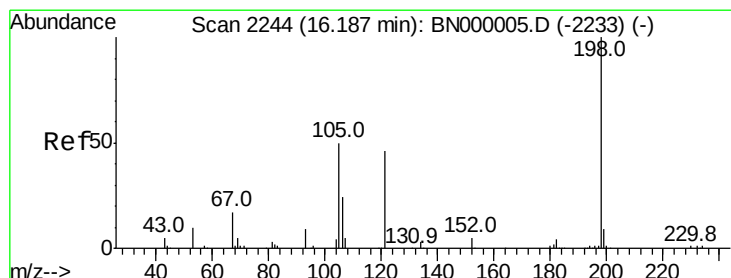
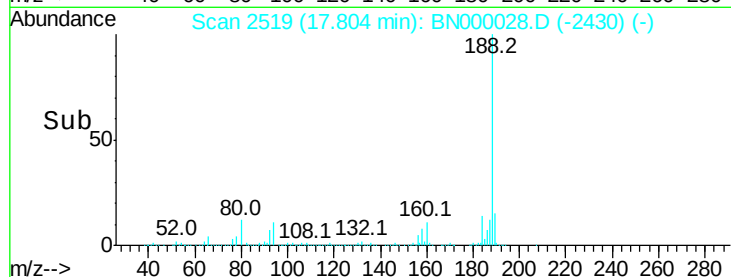
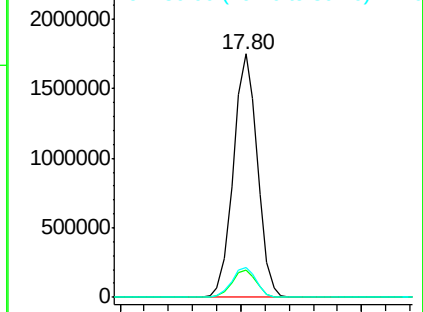
80 12.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 9.877 ng

RT: 16.17 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

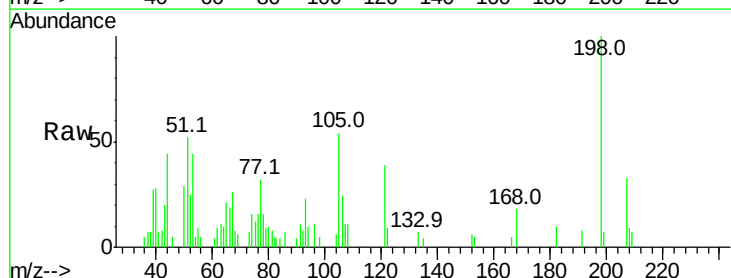
Tgt Ion:198 Resp: 10054

Ion Ratio Lower Upper

198 100

51 52.0 30.6 70.6

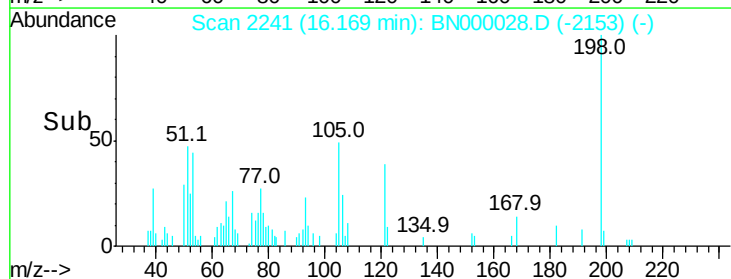
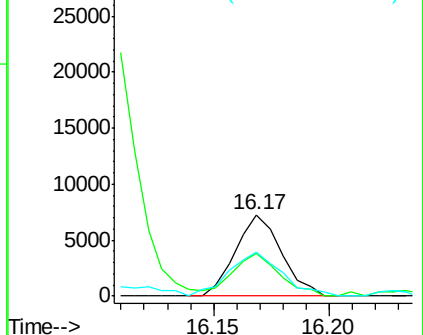
105 53.6 23.8 63.8

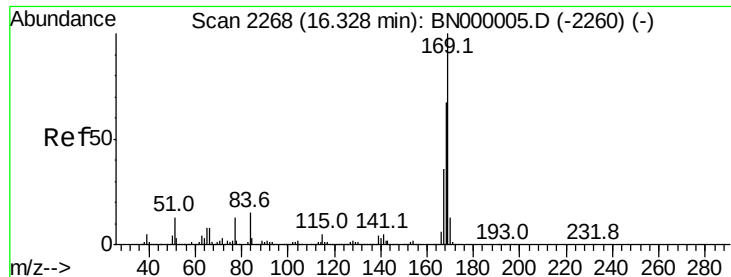


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

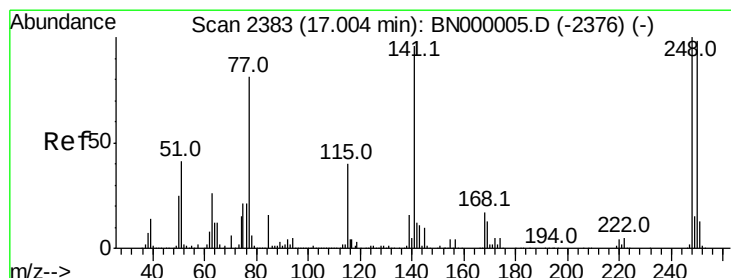
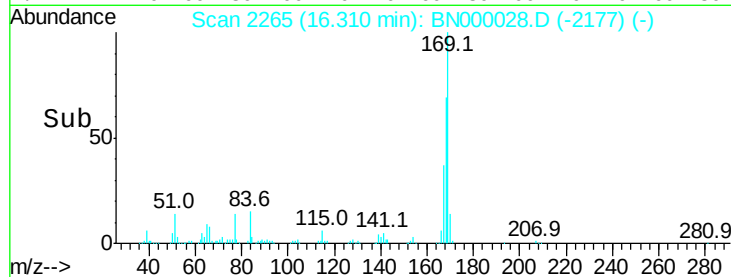
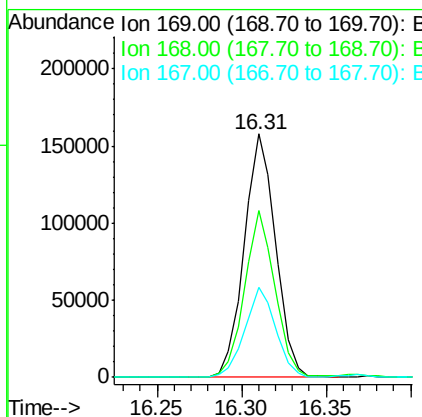
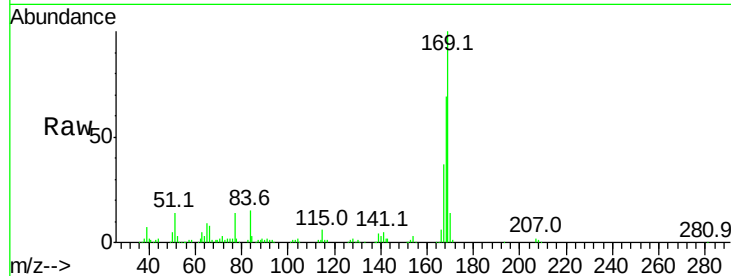




#65
 n-Nitrosodiphenylamine
 Concen: 2.581 ng
 RT: 16.31 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BN000028.D
 Acq: 06 Feb 2018 12:27

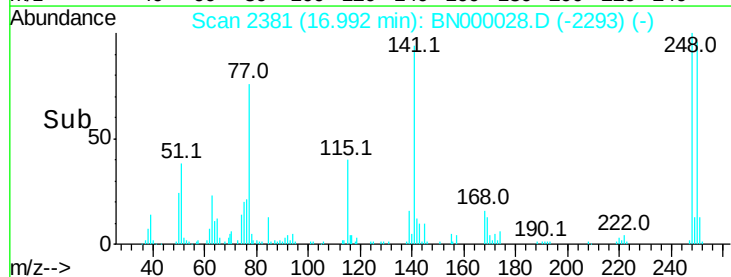
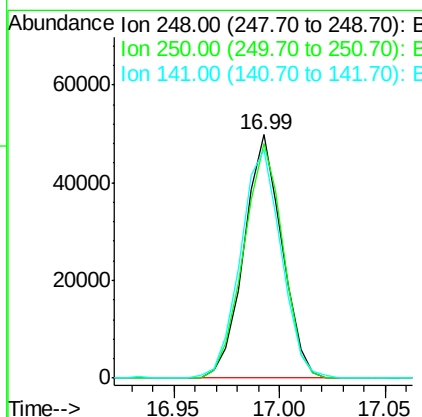
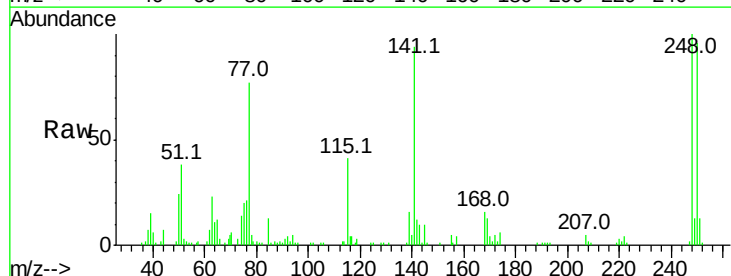
Instrument :
 BNA_N
 ClientSampleId :

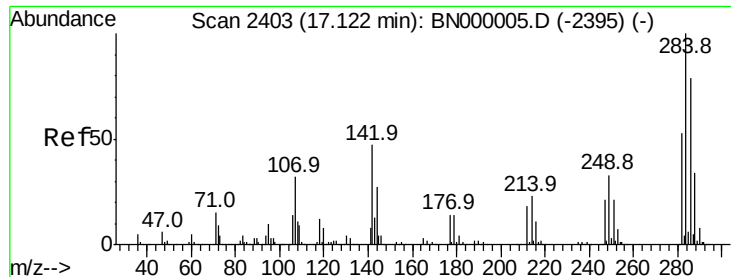
Tot Ion:169 Resp: 205003
 Ion Ratio Lower Upper
 169 100
 168 68.6 55.7 83.5
 167 36.7 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 2.736 ng
 RT: 16.99 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BN000028.D
 Acq: 06 Feb 2018 12:27

Tgt Ion:248 Resp: 62222
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.1 115.7
 141 93.9 50.8 76.2#

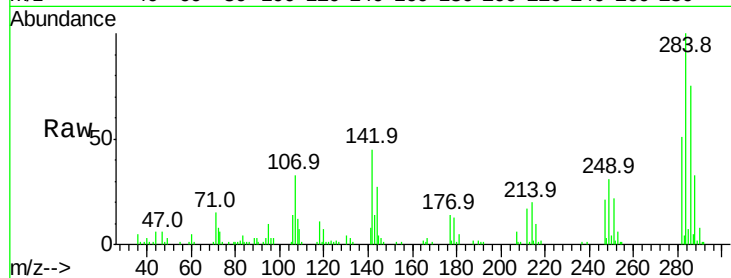




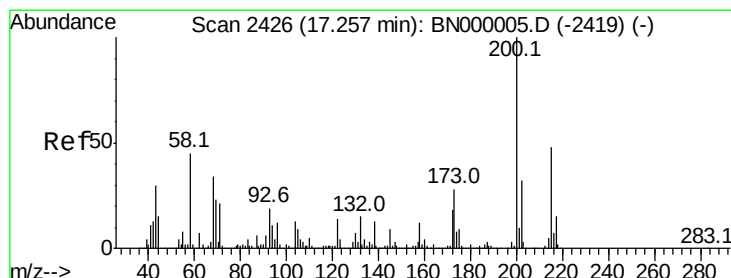
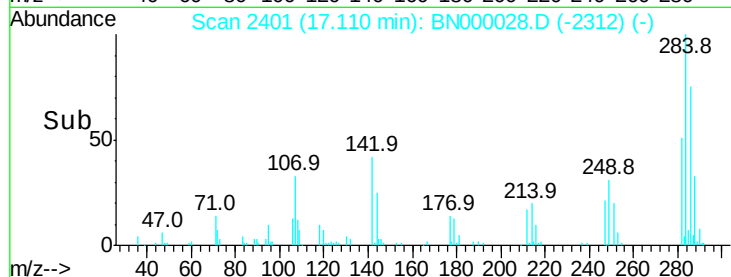
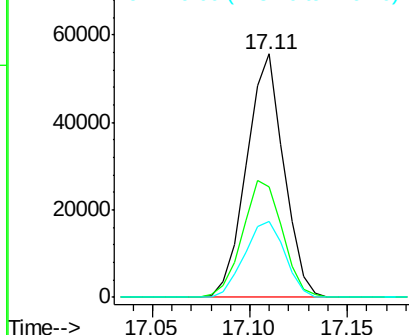
#67
Hexachlorobenzene
Concen: 2.809 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 73583
Ion Ratio Lower Upper
284 100
142 45.4 26.8 40.2#
249 31.2 26.3 39.5

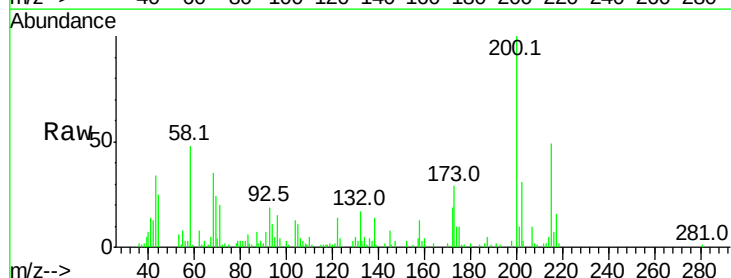


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

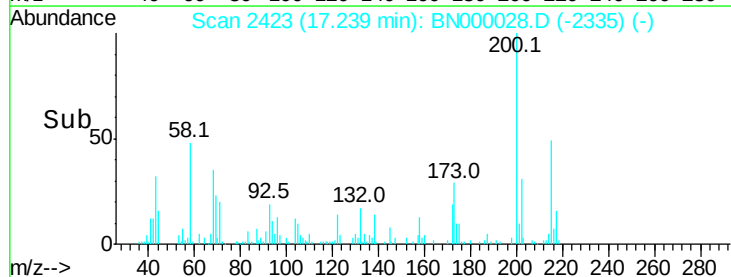
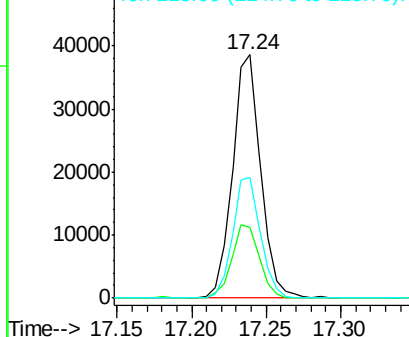


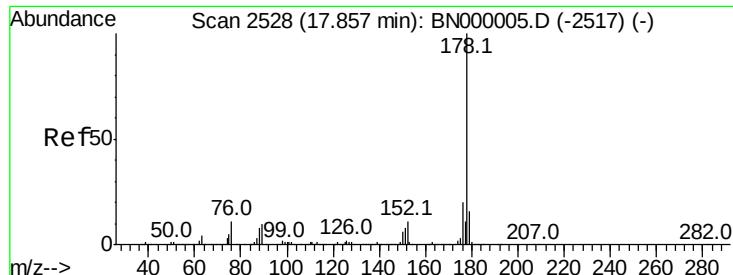
#68
Atrazine
Concen: 2.102 ng
RT: 17.24 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Tgt Ion:200 Resp: 50891
Ion Ratio Lower Upper
200 100
173 29.1 5.2 45.2
215 49.4 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





#70

Phenanthrene

Concen: 3.054 ng

RT: 17.85 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampleId :

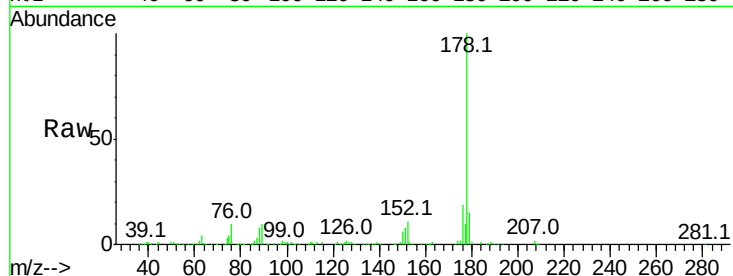
Tot Ion:178 Resp: 446513

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

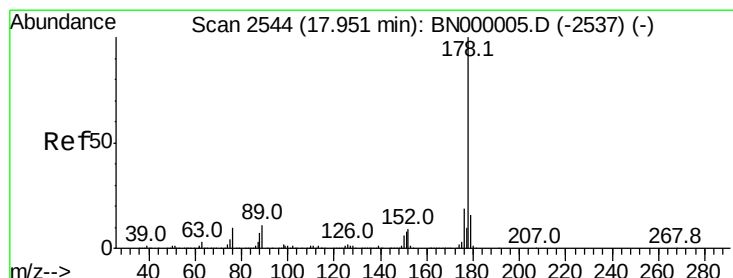
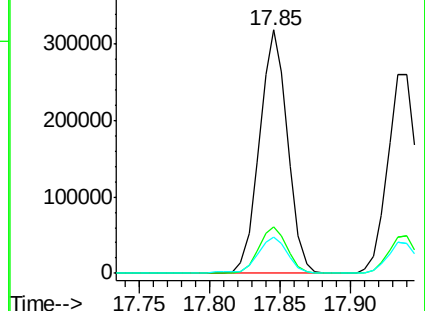
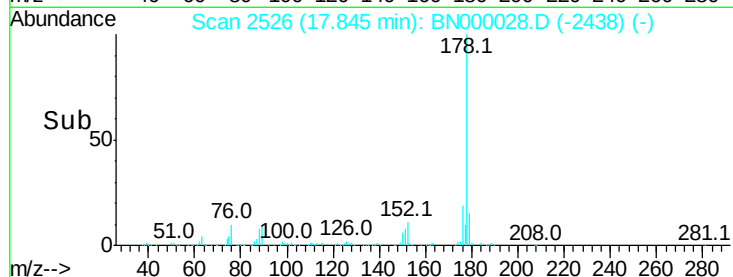
179 15.0 12.5 18.7



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: 2.664 ng

RT: 17.93 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

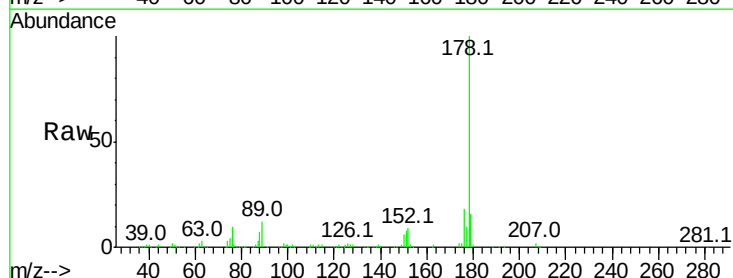
Tgt Ion:178 Resp: 385965

Ion Ratio Lower Upper

178 100

176 18.5 16.0 24.0

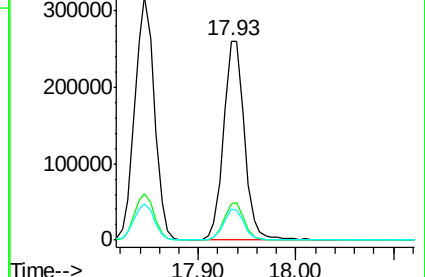
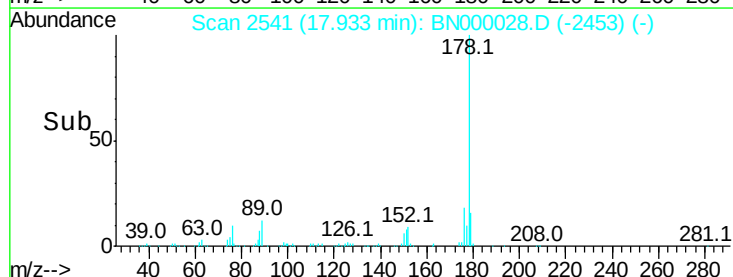
179 15.7 12.5 18.7

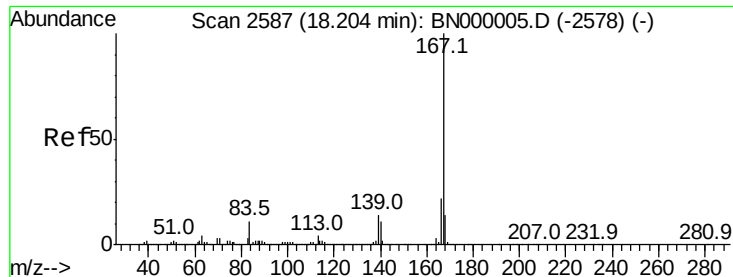


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.471 ng

RT: 18.19 min Scan# 2585

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampleId :

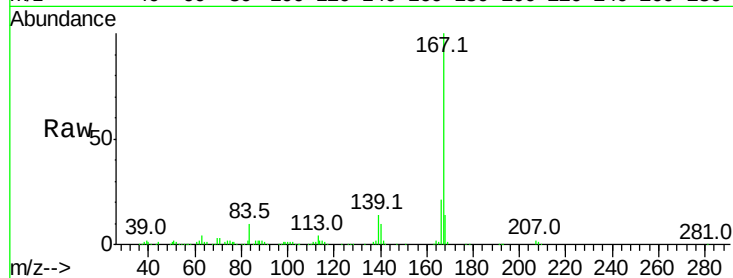
Tot Ion:167 Resp: 370329

Ion Ratio Lower Upper

167 100

166 20.9 18.2 27.4

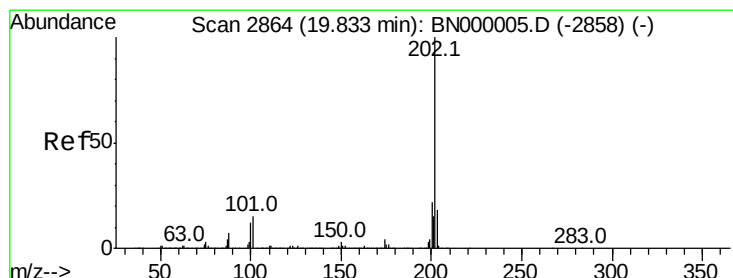
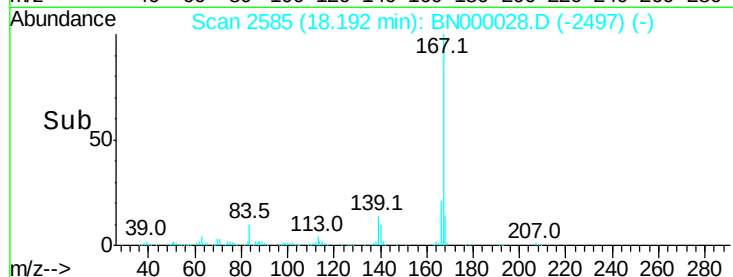
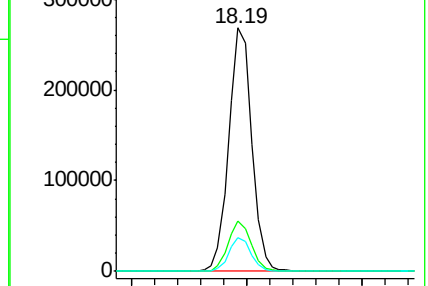
139 13.7 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 2.593 ng

RT: 19.82 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

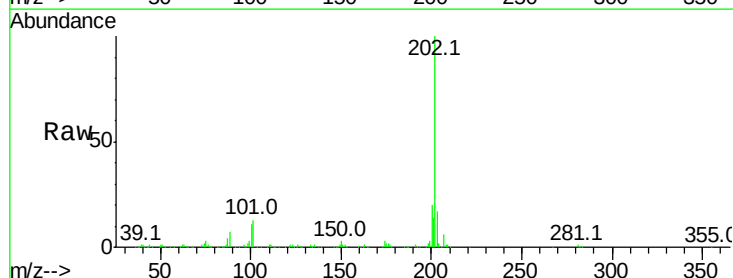
Tgt Ion:202 Resp: 430540

Ion Ratio Lower Upper

202 100

101 13.2 0.0 28.9

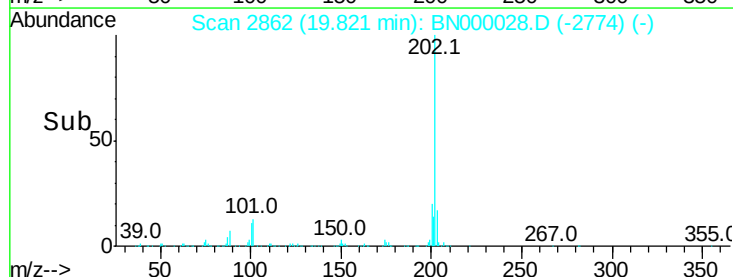
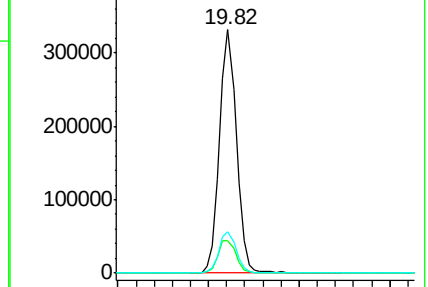
203 17.0 0.0 37.5

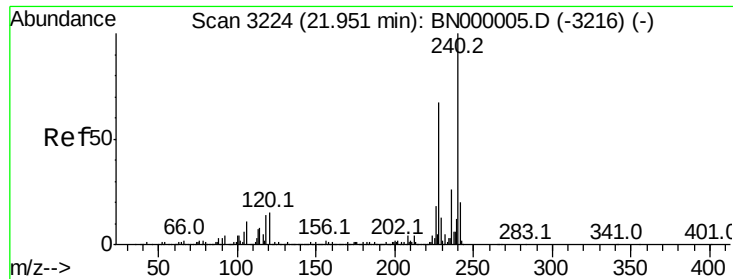


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.93 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampleId :

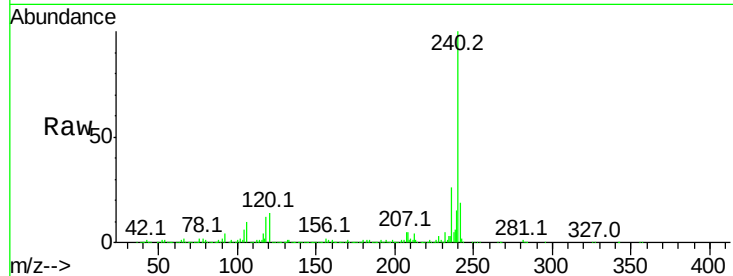
Tot Ion:240 Resp: 2748767

Ion Ratio Lower Upper

240 100

120 13.7 6.8 10.2#

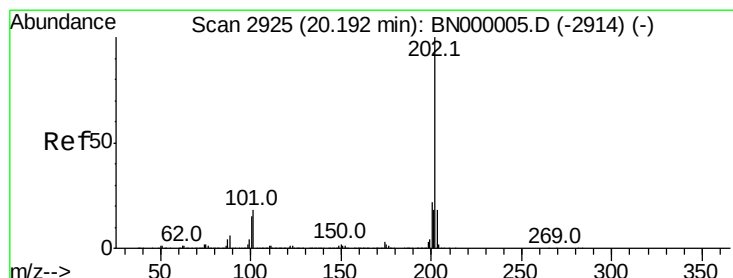
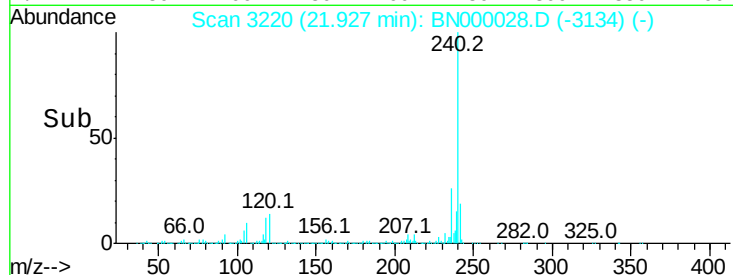
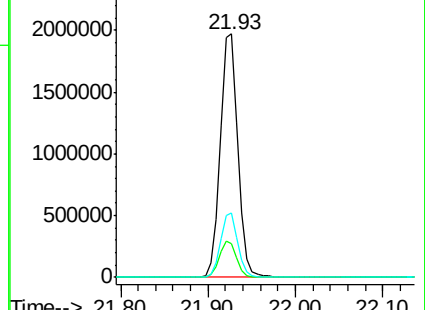
236 26.2 20.9 31.3



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



#77

Pyrene

Concen: 2.746 ng

RT: 20.18 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

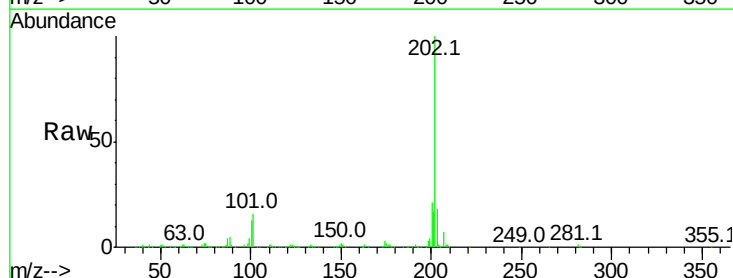
Tgt Ion:202 Resp: 476242

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

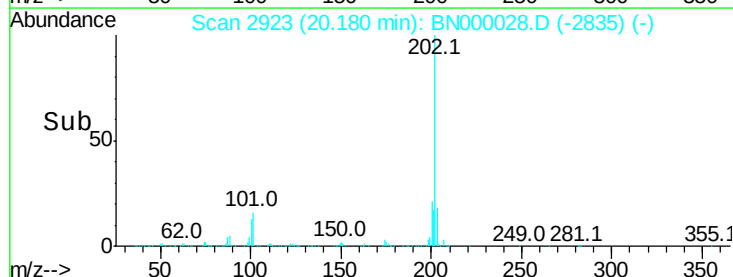
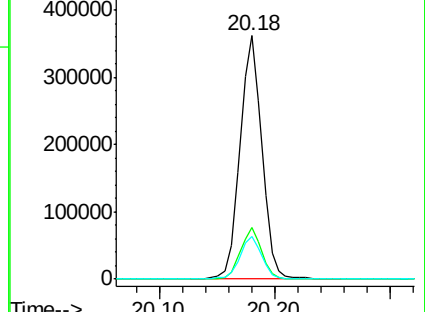
203 17.6 13.9 20.9

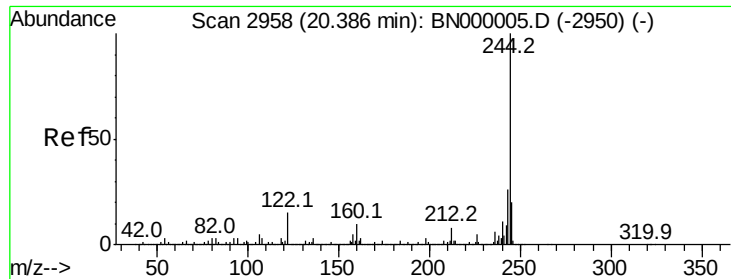


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 83.721 ng

RT: 20.37 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampleId :

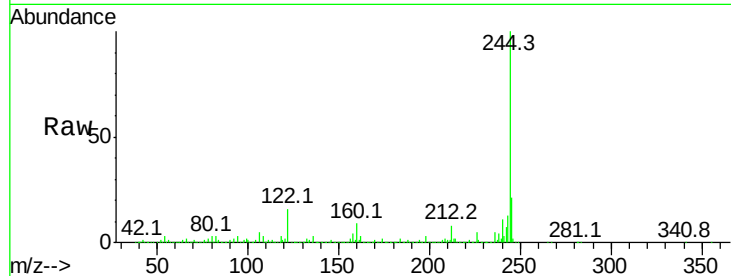
Tot Ion:244 Resp: 8718890

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	15.5	7.0	10.4

244 100

212 8.0 5.8 8.8

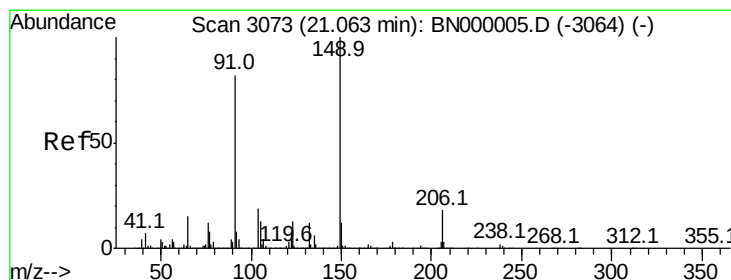
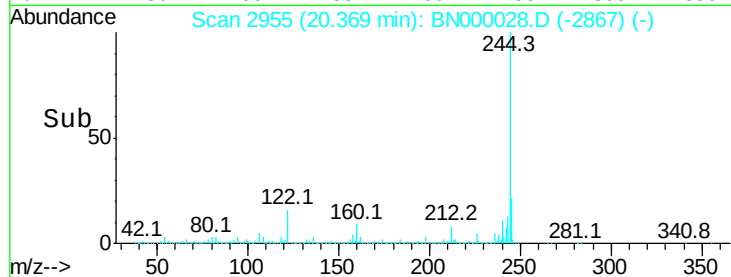
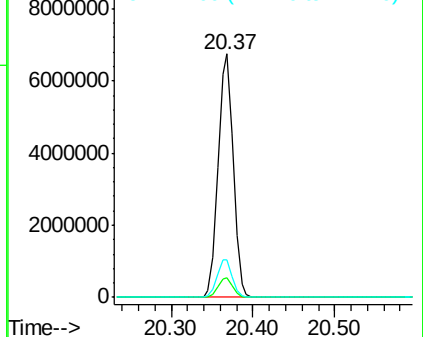
122 15.5 7.0 10.4



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: 6.073 ng

RT: 21.04 min Scan# 3070

Delta R.T. -0.02 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

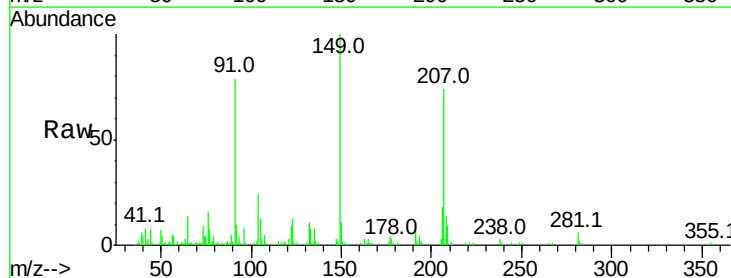
Tgt Ion:149 Resp: 86560

Ion	Ratio	Lower	Upper
149	100		
91	78.6	62.2	93.2
206	18.5	18.6	27.8

149 100

91 78.6 62.2 93.2

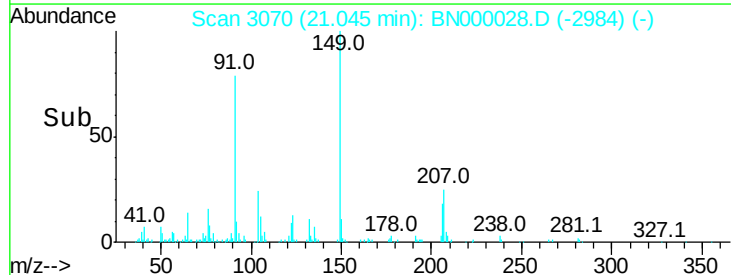
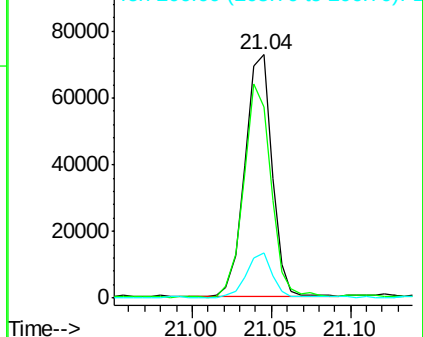
206 18.5 18.6 27.8

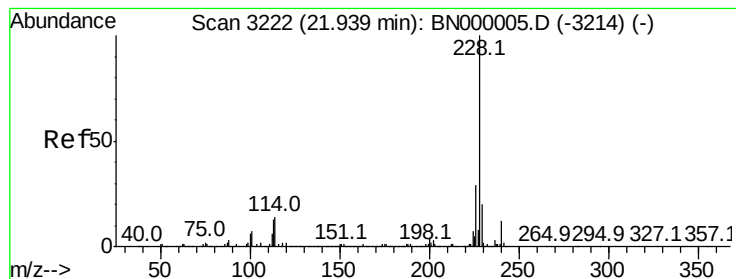


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BN0

Ion 206.00 (205.70 to 206.70): E

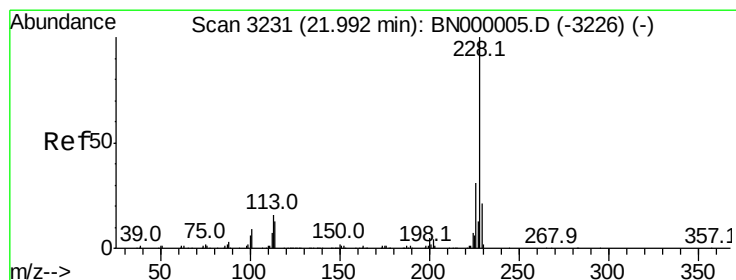
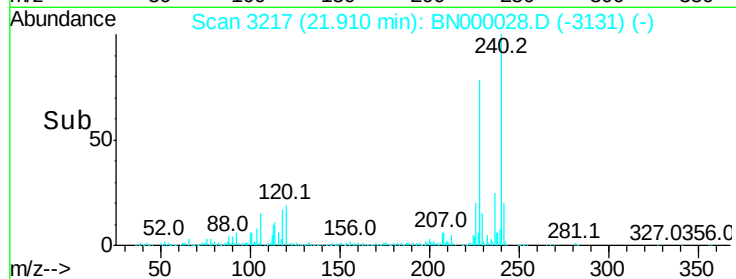
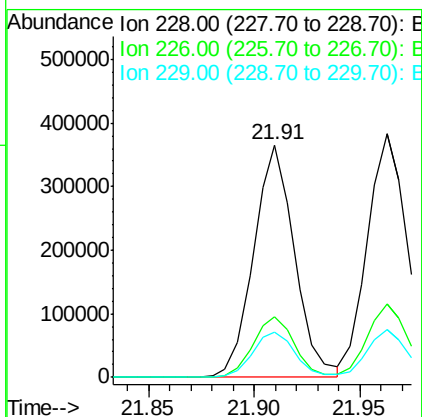
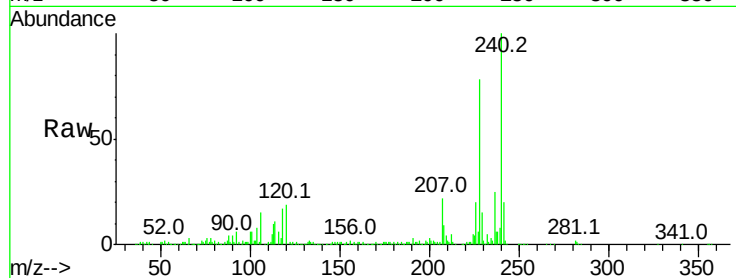




#80
Benzo(a)anthracene
Concen: 2.884 ng
RT: 21.91 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

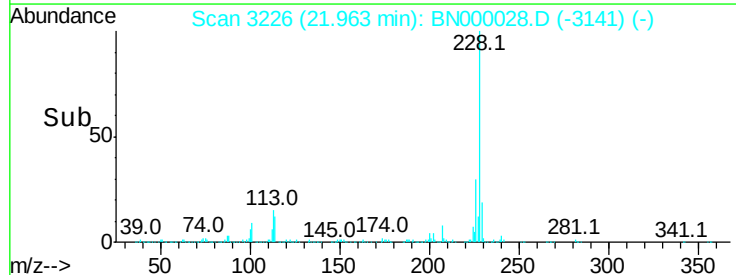
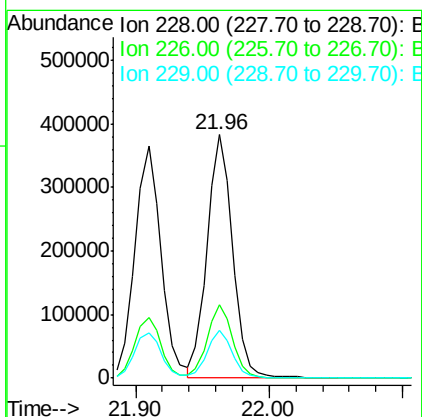
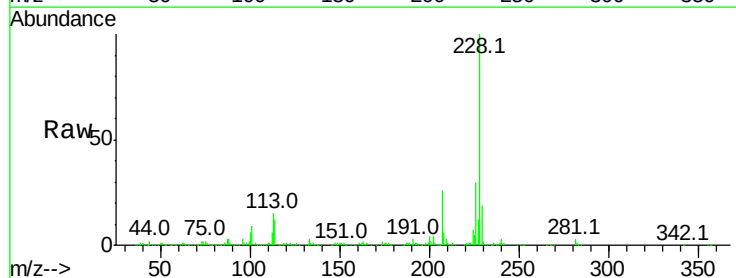
Instrument :
BNA_N
ClientSampleId :

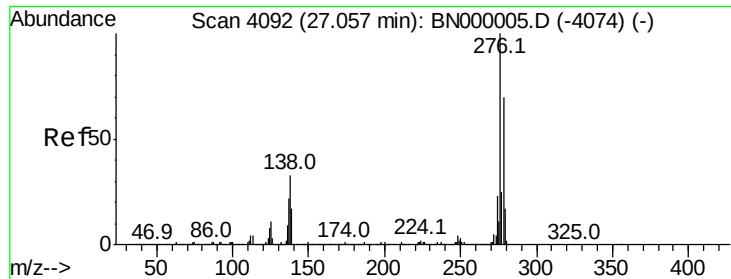
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.7	34.1
229	19.7	16.2	24.2



#82
Chrysene
Concen: 3.024 ng
RT: 21.96 min Scan# 3226
Delta R.T. -0.03 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.4	15.0	22.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.368 ng

RT: 26.99 min Scan# 4080

Delta R.T. -0.06 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampleId :

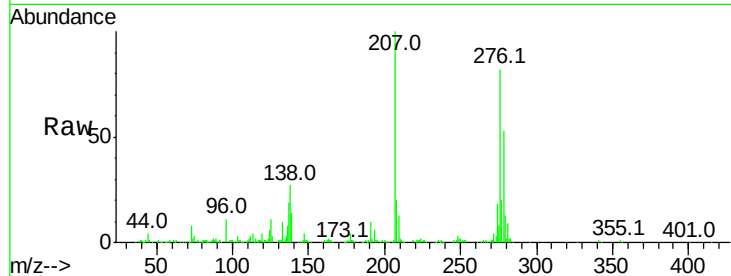
Tot Ion:276 Resp: 516955

Ion Ratio Lower Upper

276 100

138 34.7 16.0 24.0#

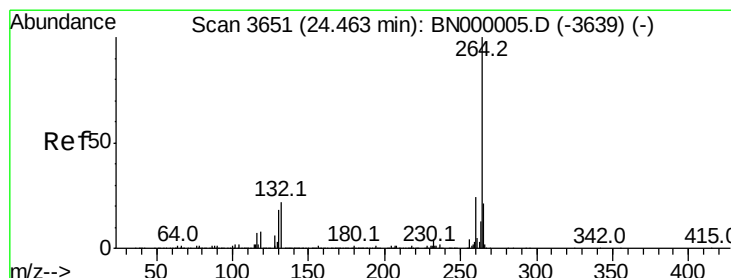
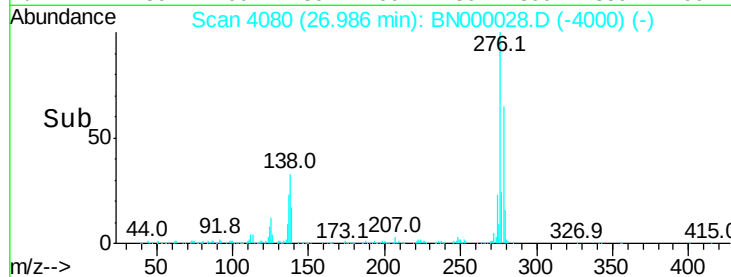
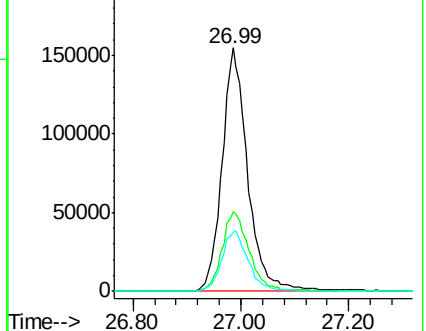
277 25.1 20.0 30.0



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: 24.42 min Scan# 3644

Delta R.T. -0.04 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

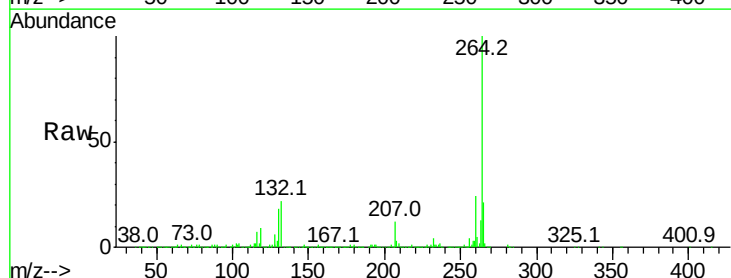
Tgt Ion:264 Resp: 2842766

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

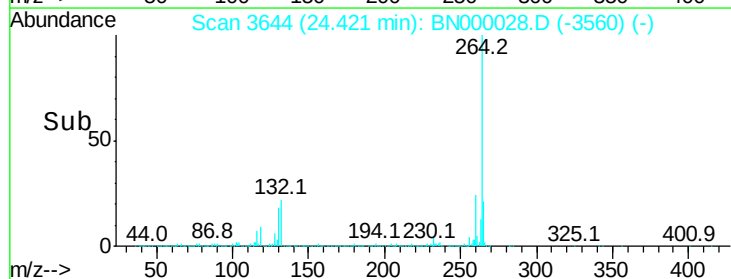
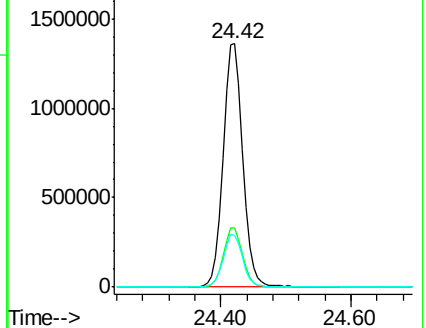
265 21.1 17.7 26.5

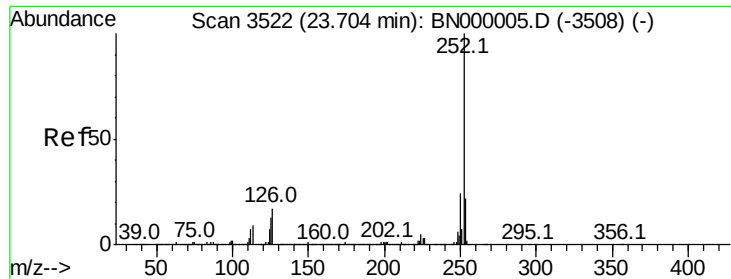


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

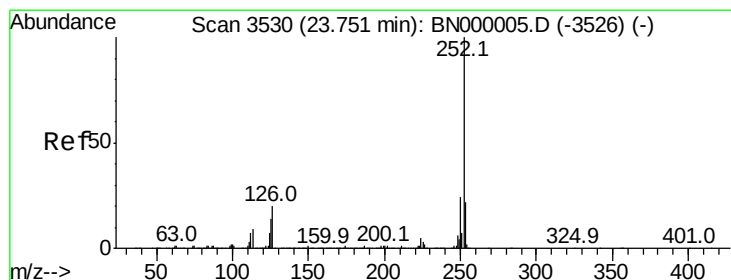
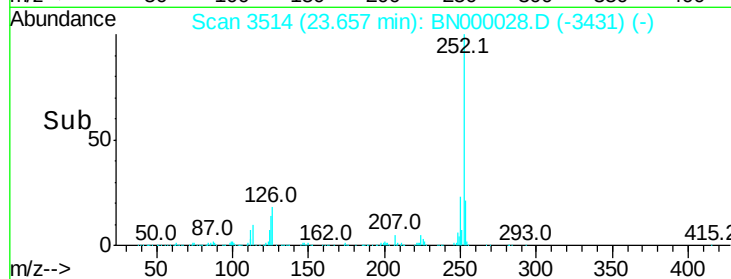
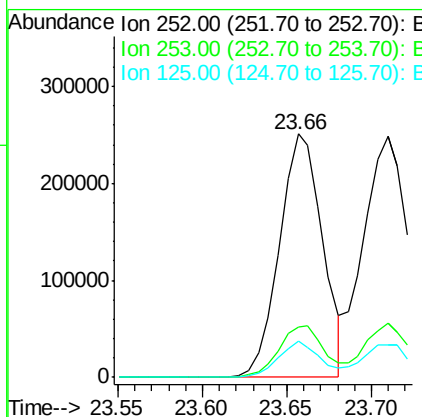
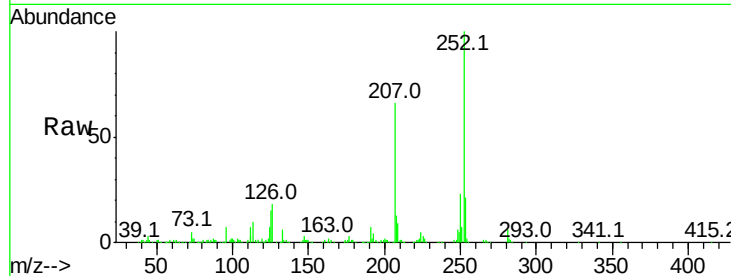




#87
Benzo(b)fluoranthene
Concen: 2.633 ng
RT: 23.66 min Scan# 3514
Delta R.T. -0.04 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

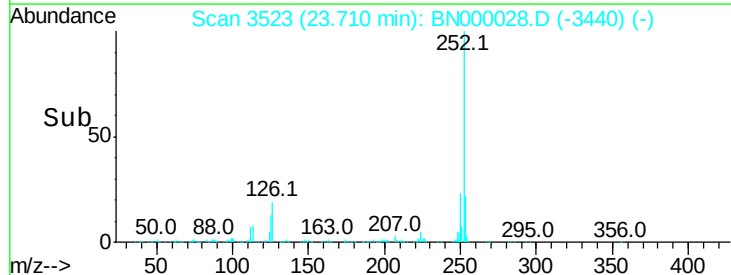
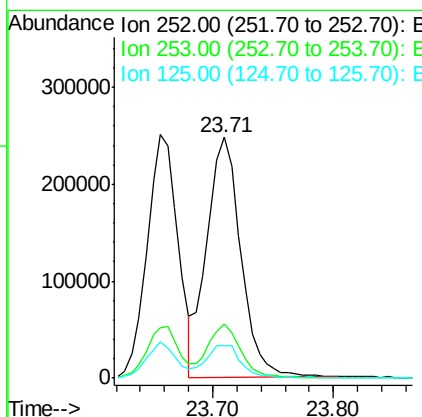
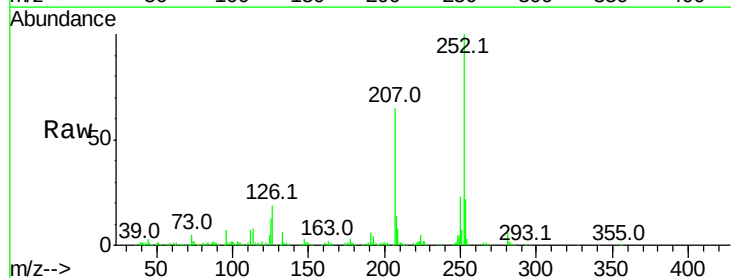
Instrument :
BNA_N
ClientSampleId :

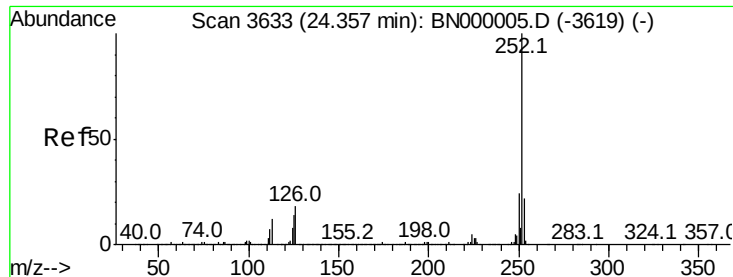
Tot Ion:252 Resp: 445120
Ion Ratio Lower Upper
252 100
253 20.5 18.2 27.4
125 14.7 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 2.844 ng
RT: 23.71 min Scan# 3523
Delta R.T. -0.04 min
Lab File: BN000028.D
Acq: 06 Feb 2018 12:27

Tgt Ion:252 Resp: 481950
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 13.4 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 2.543 ng

RT: 24.31 min Scan# 3625

Delta R.T. -0.04 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampled :

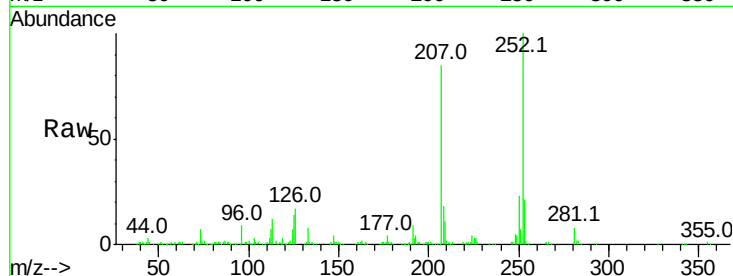
Tot Ion:252 Resp: 417623

Ion Ratio Lower Upper

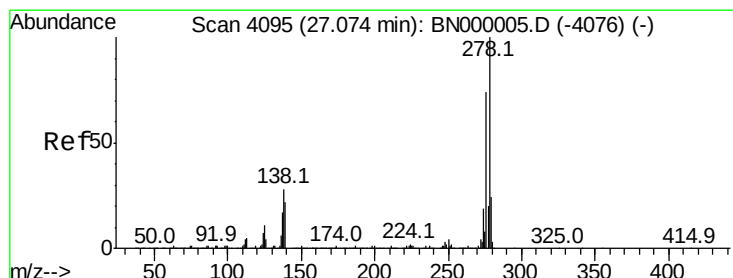
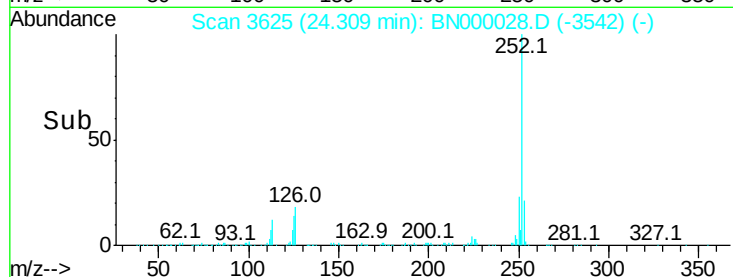
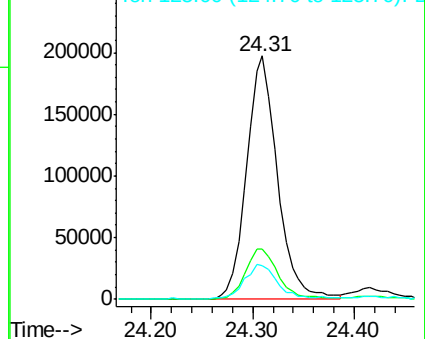
252 100

253 20.8 18.3 27.5

125 13.8 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: 2.505 ng

RT: 27.00 min Scan# 4082

Delta R.T. -0.06 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

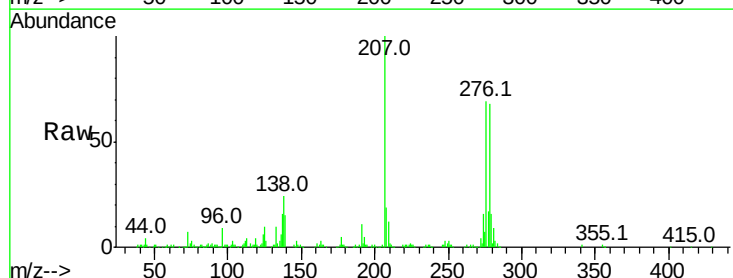
Tgt Ion:278 Resp: 430514

Ion Ratio Lower Upper

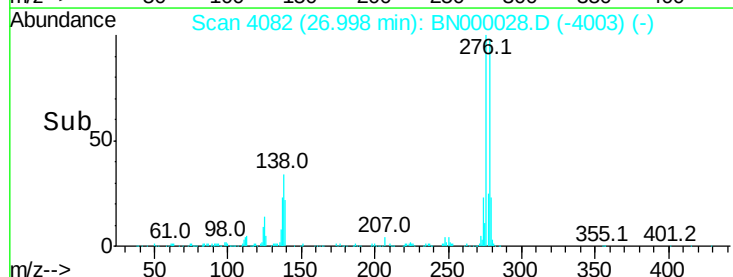
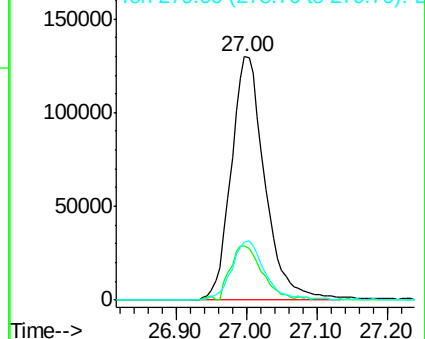
278 100

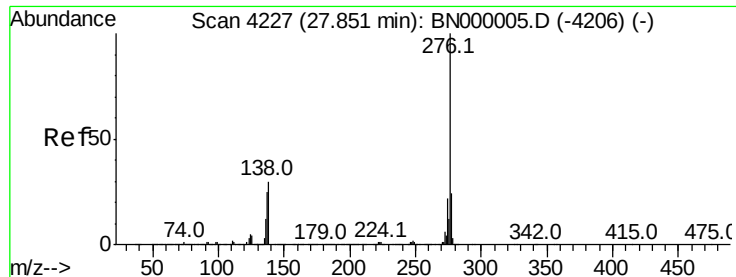
139 22.4 9.8 14.6#

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





#91

Benzo(a,h,i)perylene

Concen: 2.528 ng

RT: 27.78 min Scan# 4215

Delta R.T. -0.05 min

Lab File: BN000028.D

Acq: 06 Feb 2018 12:27

Instrument :

BNA_N

ClientSampleId :

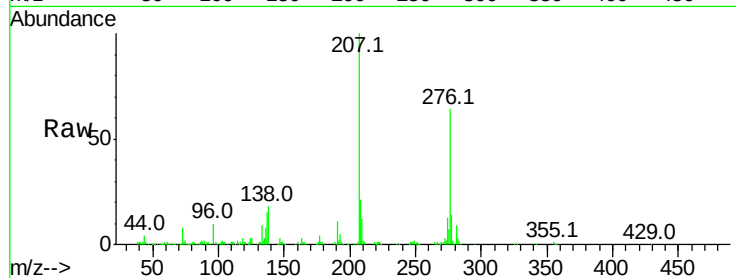
Tot Ion:276 Resp: 441552

Ion Ratio Lower Upper

276 100

277 21.8 18.3 27.5

138 27.6 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

