

Data File : BN009907.D
Acq On : 25 Feb 2020 18:42
Operator : CG/JU
Sample : L1568-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDA6

Quant Time: Feb 26 07:10:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:04:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	80970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	334976	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	204466	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	446678	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	451239	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	441079	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	16772	8.52	ng/uL	0.00
5) Phenol-d5	6.59	99	333691	48.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	241629	50.84	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	267053	51.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	280054	51.12	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	127927	52.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	148121	55.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	262013	50.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	312768	54.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	822133	53.83	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	988576	54.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	120852	43.33	ng/ul	0.00
58) Fluorene-d10	15.03	176	713336	54.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	113931	41.06	ng/ul	0.00
71) Anthracene-d10	16.88	188	1102983	53.87	ng/ul	0.00
79) Pyrene-d10	19.19	212	1210995	51.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1239951	56.29	ng/ul	0.00

Target Compounds

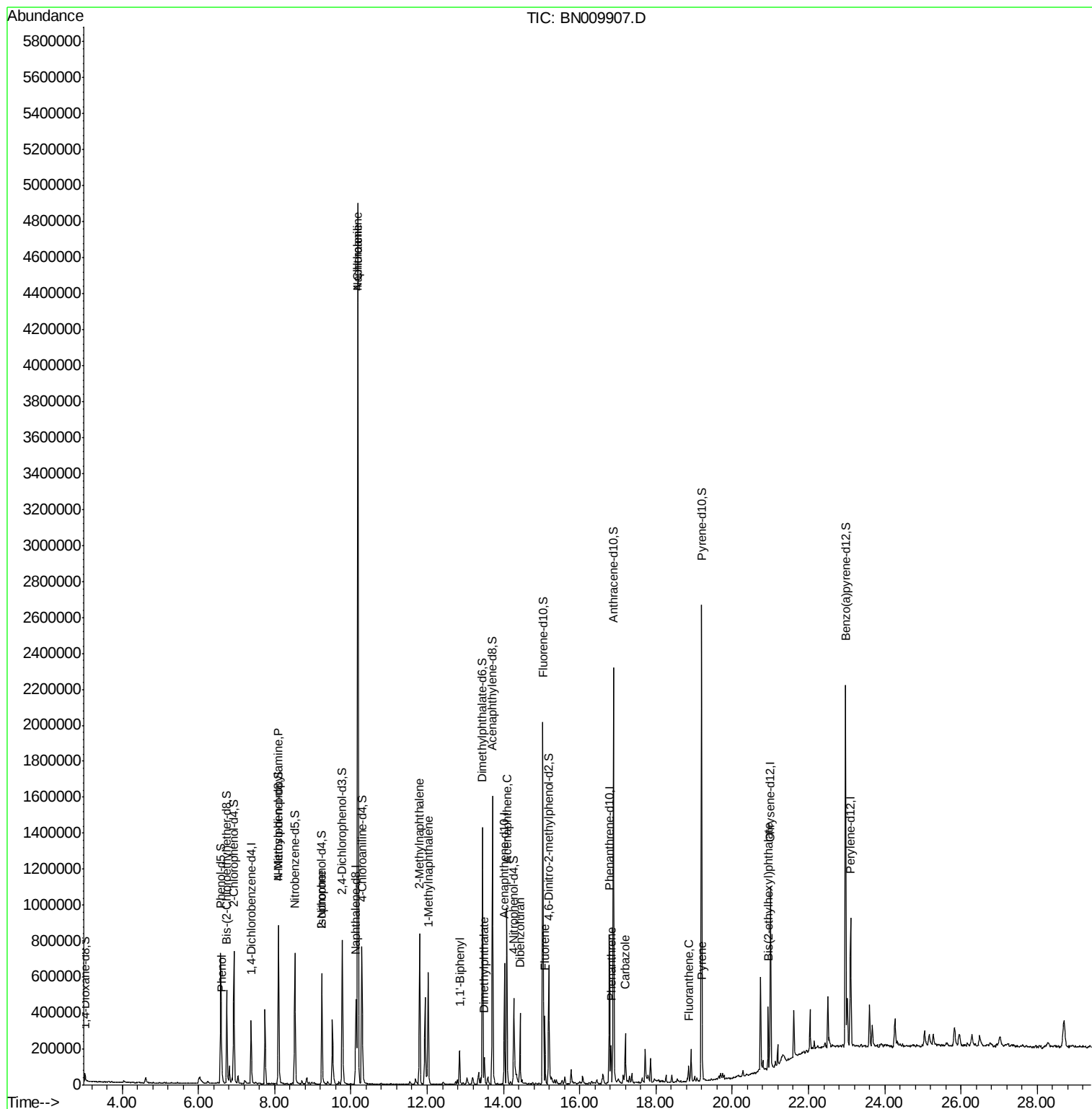
					Qvalue
6) Phenol	6.61	94	15442	2.092	ng/ul# 73
15) N-Nitroso-di-n-propylamine	8.10	70	8094	1.735	ng/ul# 1
21) Isophorone	9.24	82	14546	1.145	ng/ul# 74
28) Naphthalene	10.18	128	3354895	185.726	ng/ul 100
30) 4-Chloroaniline	10.18	127	438818	74.001	ng/ul# 8
34) 2-Methylnaphthalene	11.80	142	363880	29.011	ng/ul 98
35) 1-Methylnaphthalene	12.03	142	265293	21.101	ng/uL 98
41) 1,1'-Biphenyl	12.85	154	94732	6.032	ng/ul 100
45) Dimethylphthalate	13.50	163	81303	5.102	ng/ul 98
50) Acenaphthene	14.09	153	359139	26.910	ng/ul 97
54) Dibenzofuran	14.43	168	221870	11.844	ng/ul 98
59) Fluorene	15.09	166	150916	9.600	ng/ul 98
70) Phenanthrene	16.82	178	108534	4.258	ng/ul 96
75) Carbazole	17.20	167	133324	5.810	ng/ul 97
77) Fluoranthene	18.86	202	46721	1.565	ng/ul# 93
80) Pyrene	19.22	202	36631	1.126	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	20.95	149	83139	4.072	ng/ul 97

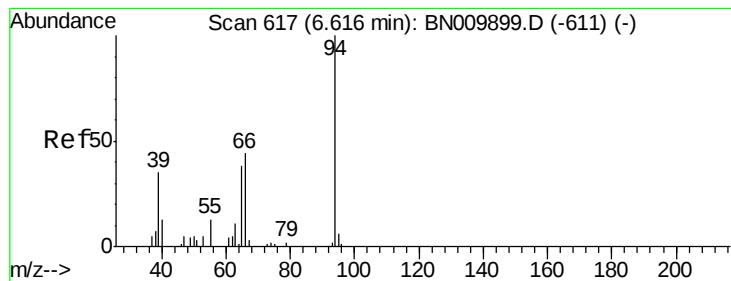
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:04:59 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.092 ng/ul

RT: 6.61 min Scan# 616

Delta R.T. -0.01 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

Instrument :

BNA_N

ClientSampleId :

DBDA6

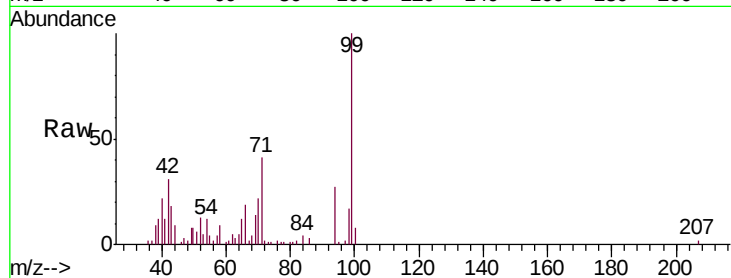
Tgt Ion: 94 Resp: 15442

Ion Ratio Lower Upper

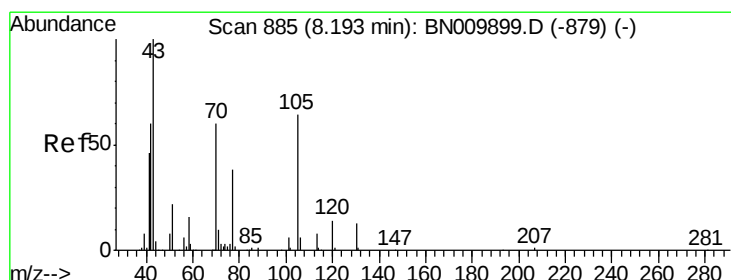
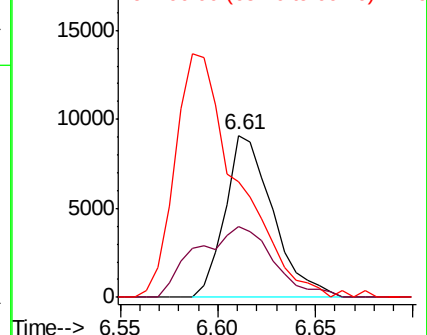
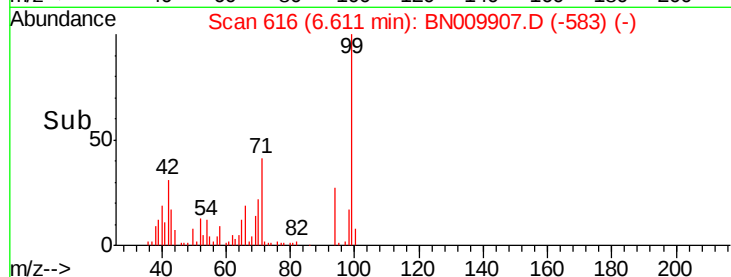
94 100

65 43.8 27.6 41.4#

66 71.8 38.5 57.7#



Abundance Ion 94.00 (93.70 to 94.70): BN009907.D (-583) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.735 ng/ul

RT: 8.10 min Scan# 869

Delta R.T. -0.09 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

Tgt Ion: 70 Resp: 8094

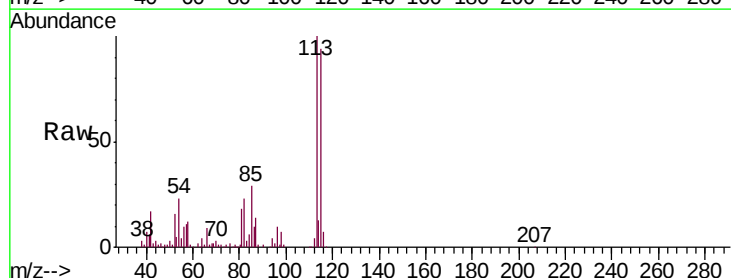
Ion Ratio Lower Upper

70 100

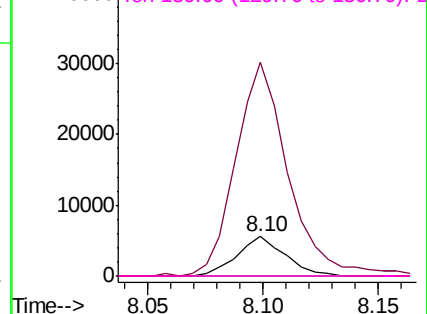
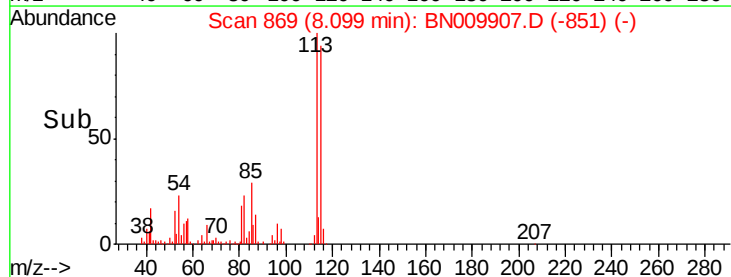
42 543.5 72.6 108.8#

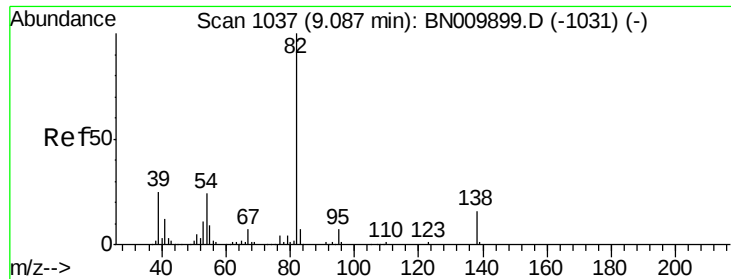
101 0.0 7.7 11.5#

130 0.0 14.7 22.1#



Abundance Ion 70.00 (69.70 to 70.70): BN009907.D (-851) (-)





#21

Isophorone

Concen: 1.145 ng/ul

RT: 9.24 min Scan# 1063

Delta R.T. 0.15 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

Instrument :

BNA_N

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DBDA6

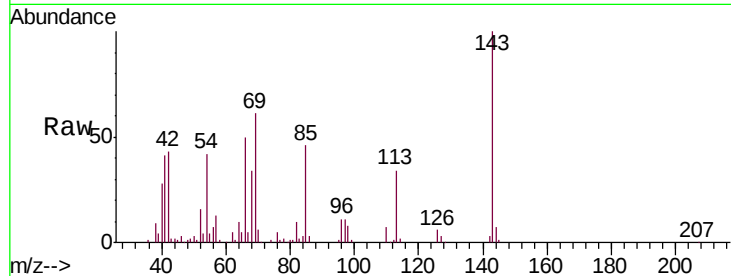
Tgt Ion: 82 Resp: 14546

Ion Ratio Lower Upper

82 100

95 7.0 6.0 9.0

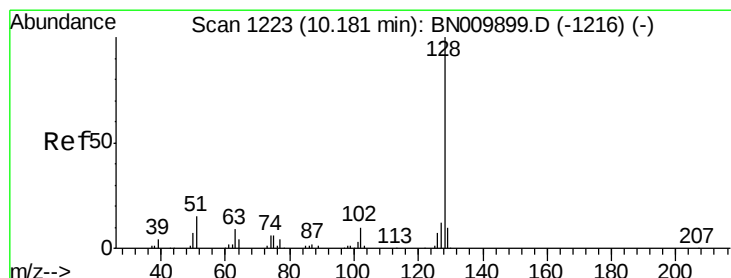
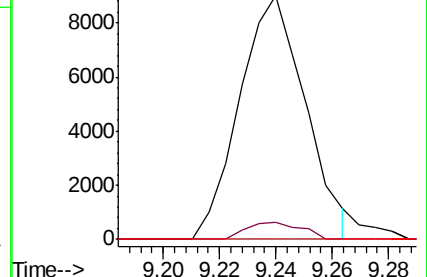
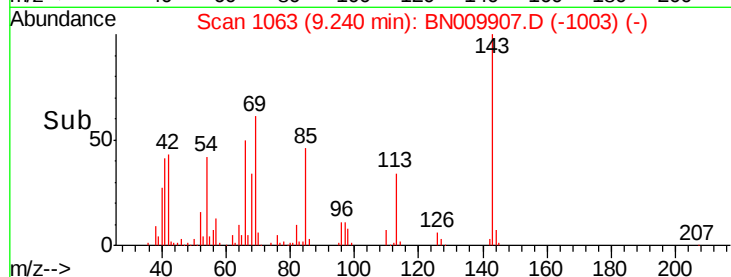
138 0.0 12.6 19.0#



Abundance Ion 82.00 (81.70 to 82.70): BN009899.D (-1031) (-)

Ion 95.00 (94.70 to 95.70): BN009899.D (-1031) (-)

Ion 138.00 (137.70 to 138.70): BN009899.D (-1031) (-)



#28

Naphthalene

Concen: 185.726 ng/ul

RT: 10.18 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

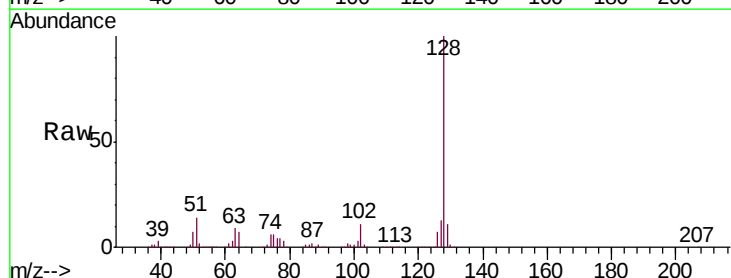
Tgt Ion:128 Resp: 3354895

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

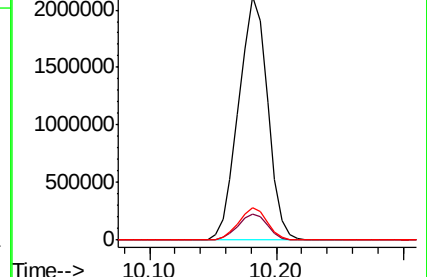
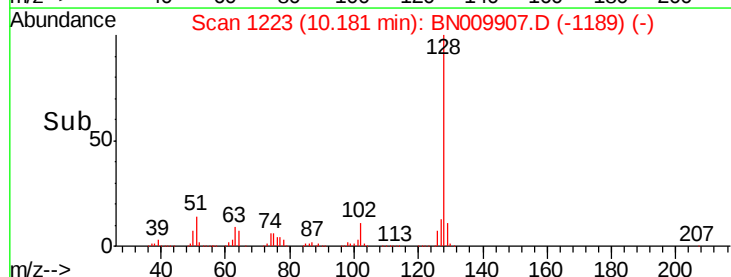
127 13.1 10.3 15.5

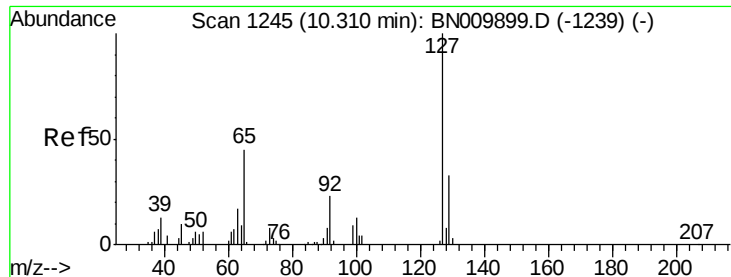


Abundance Ion 128.00 (127.70 to 128.70): BN009899.D (-1216) (-)

Ion 129.00 (128.70 to 129.70): BN009899.D (-1216) (-)

Ion 127.00 (126.70 to 127.70): BN009899.D (-1216) (-)

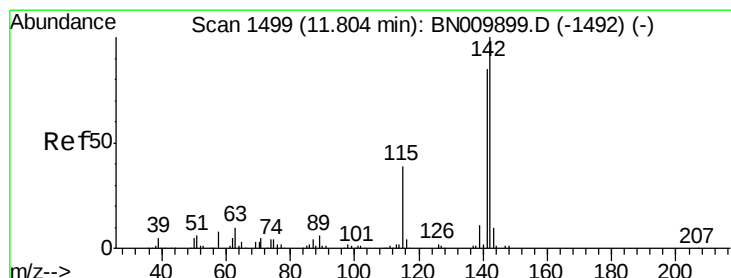
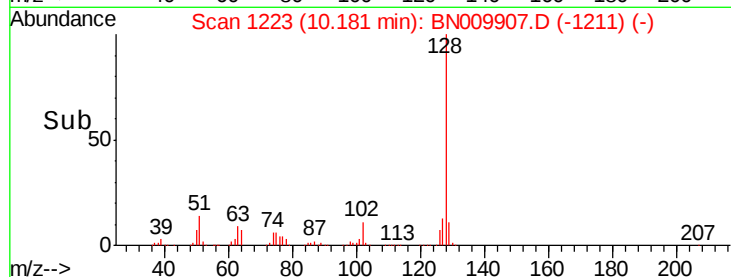
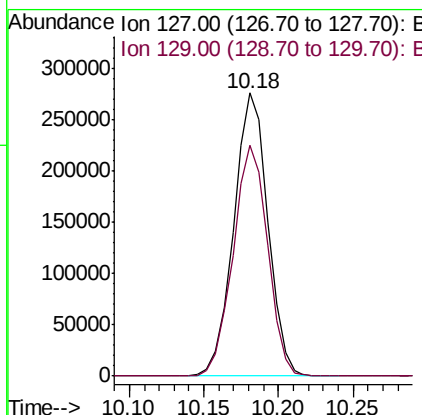
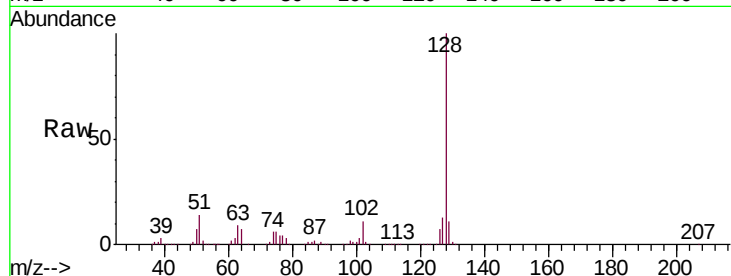




#30
4-Chloroaniline
Concen: 74.001 ng/ul
RT: 10.18 min Scan# 1223
Delta R.T. -0.13 min
Lab File: BN009907.D
Acq: 25 Feb 2020 18:42

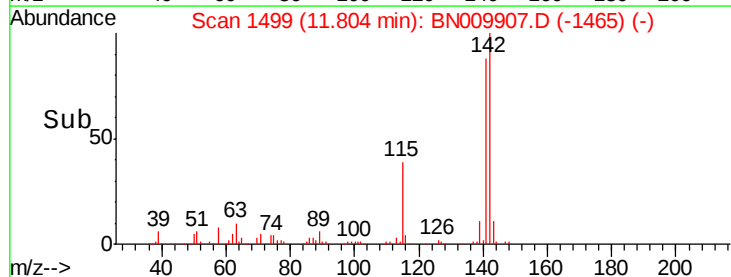
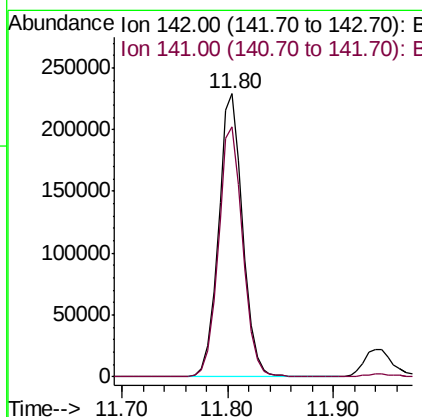
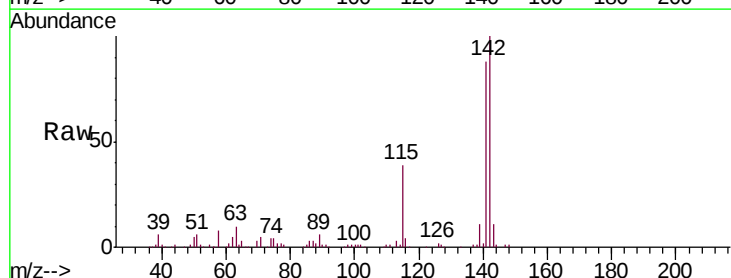
Instrument :
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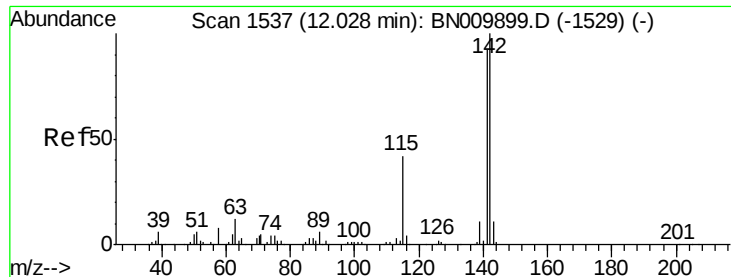
Tgt Ion:127 Resp: 438818
Ion Ratio Lower Upper
127 100
129 81.7 24.8 37.2#



#34
2-Methylnaphthalene
Concen: 29.011 ng/ul
RT: 11.80 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BN009907.D
Acq: 25 Feb 2020 18:42

Tgt Ion:142 Resp: 363880
Ion Ratio Lower Upper
142 100
141 88.3 72.1 108.1

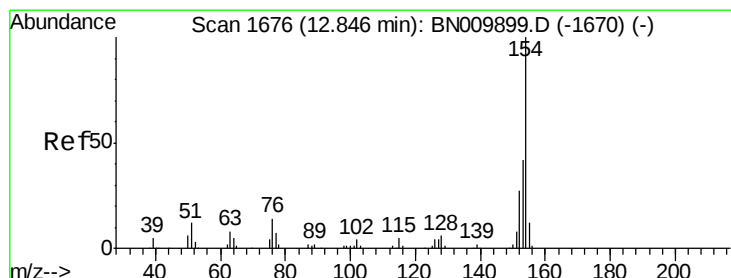
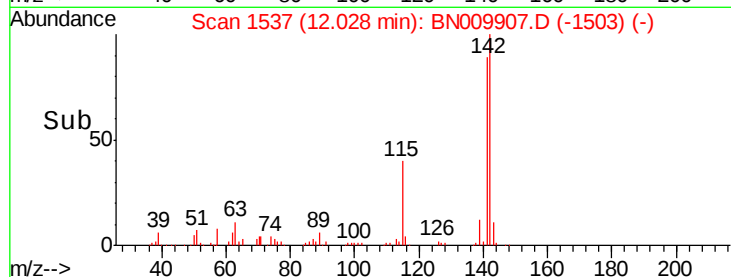
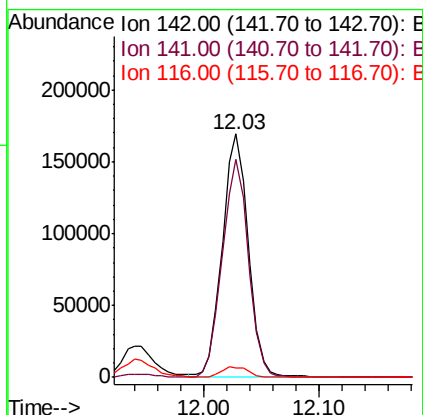
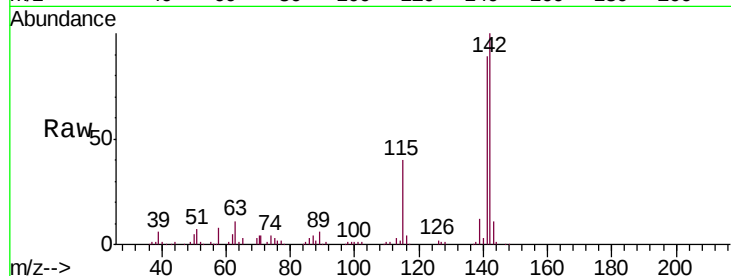




#35
 1-Methylnaphthalene
 Concen: 21.101 ng/uL
 RT: 12.03 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BN009907.D
 Acq: 25 Feb 2020 18:42

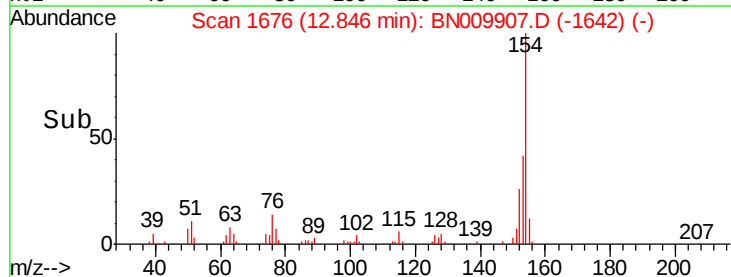
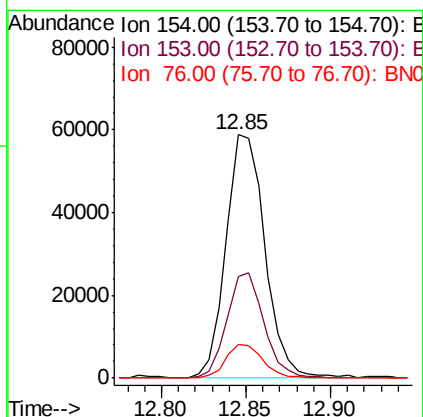
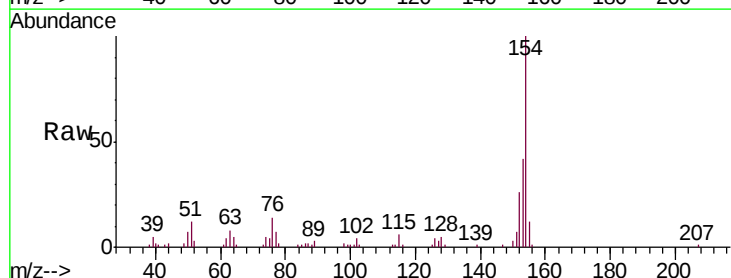
Instrument :
 BNA_N
 ClientSampleId :
 DBDA6

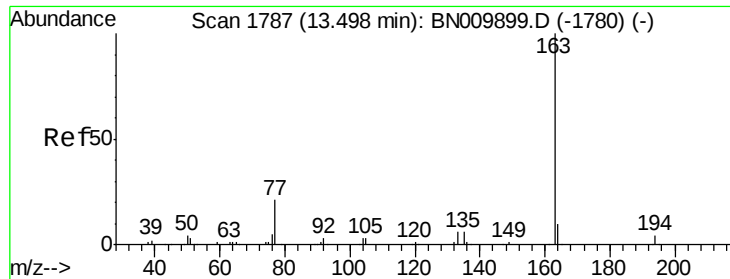
Tgt Ion:142 Resp: 265293
 Ion Ratio Lower Upper
 142 100
 141 89.5 72.8 109.2
 116 4.5 3.2 4.8



#41
 1,1'-Biphenyl
 Concen: 6.032 ng/uL
 RT: 12.85 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BN009907.D
 Acq: 25 Feb 2020 18:42

Tgt Ion:154 Resp: 94732
 Ion Ratio Lower Upper
 154 100
 153 41.7 33.2 49.8
 76 13.6 11.0 16.4





#45

Dimethylphthalate

Concen: 5.102 ng/ul

RT: 13.50 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

Instrument :

BNA_N

ClientSampleId :

DBDA6

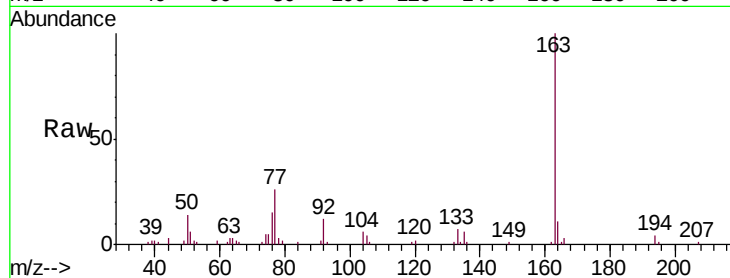
Tgt Ion:163 Resp: 81303

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

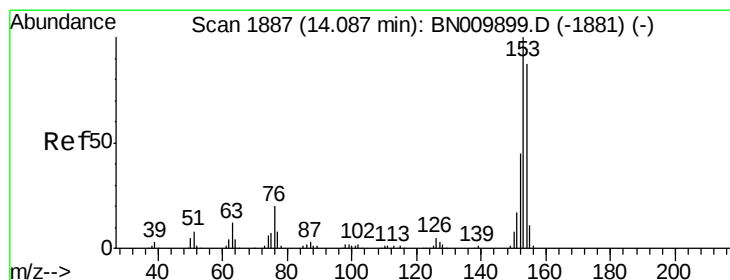
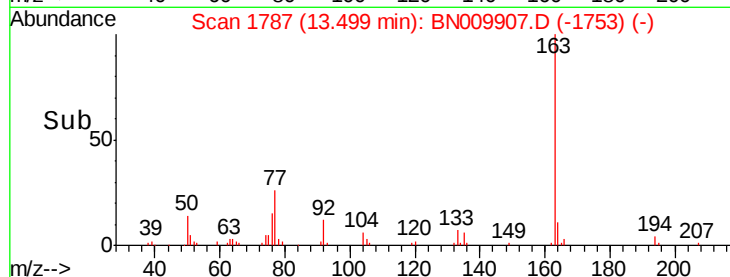
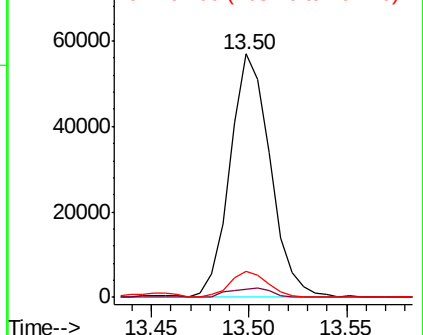
164 10.7 8.0 12.0



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

Acenaphthene

Concen: 26.910 ng/ul

RT: 14.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

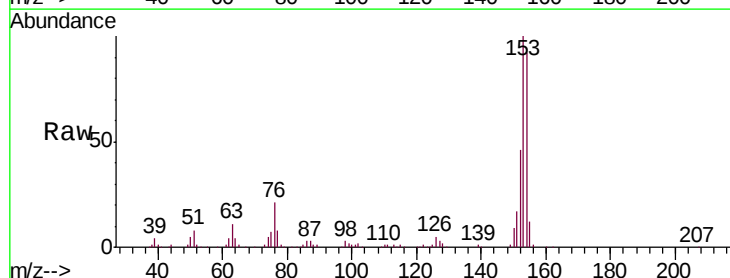
Tgt Ion:153 Resp: 359139

Ion Ratio Lower Upper

153 100

152 46.2 36.6 54.8

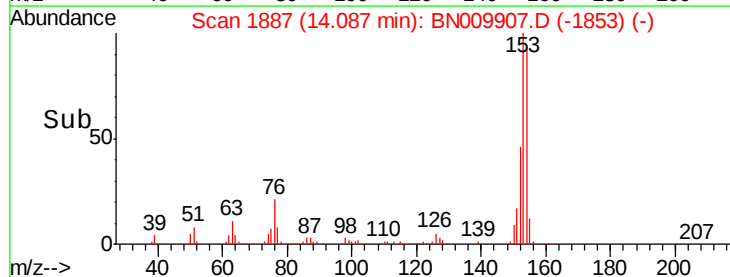
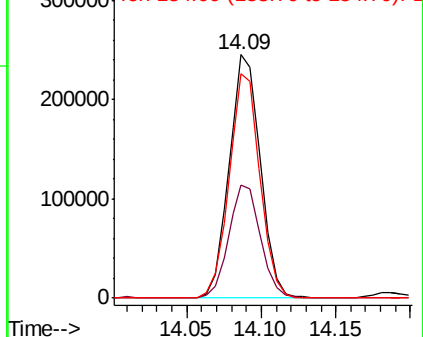
154 92.2 70.6 106.0

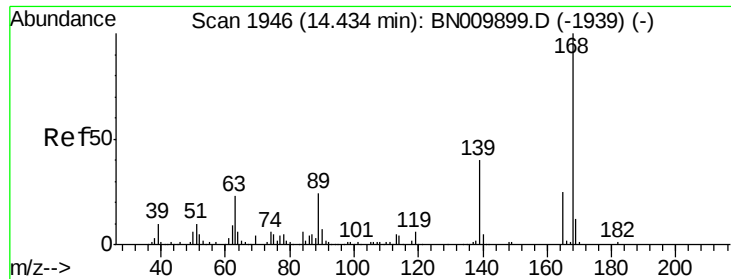


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 11.844 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BN009907.D

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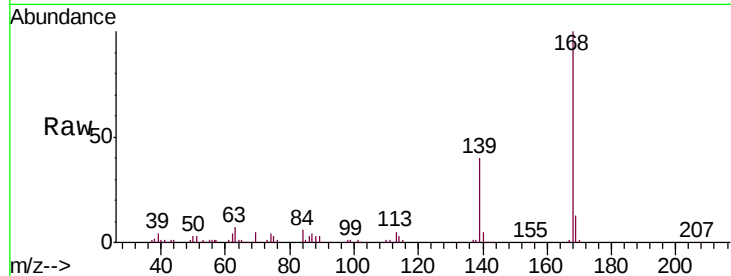
DBDA6

Tgt Ion:168 Resp: 221870

Ion Ratio Lower Upper

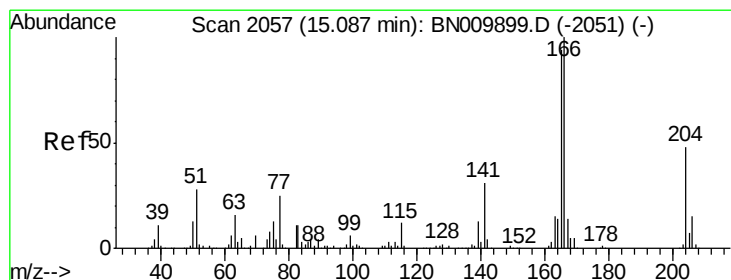
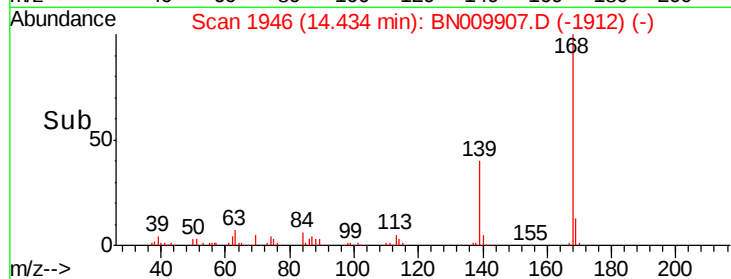
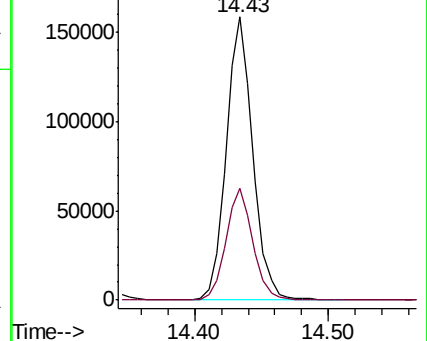
168 100

139 39.7 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 9.600 ng/ul

RT: 15.09 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

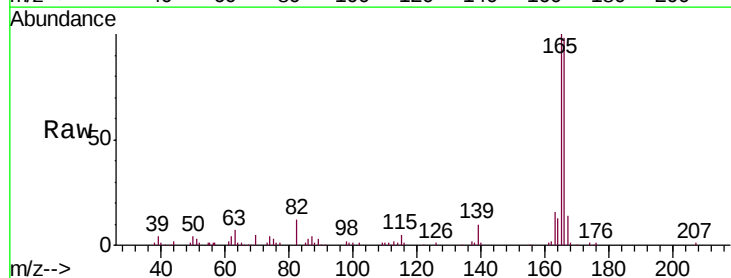
Tgt Ion:166 Resp: 150916

Ion Ratio Lower Upper

166 100

165 101.9 79.8 119.8

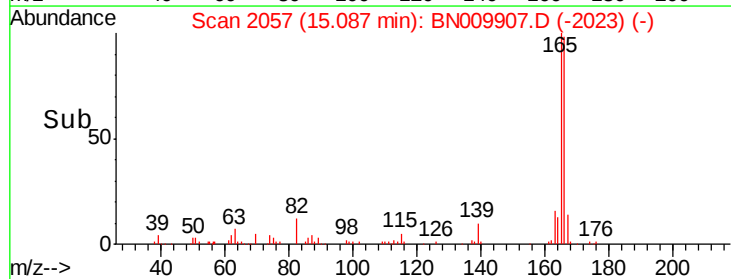
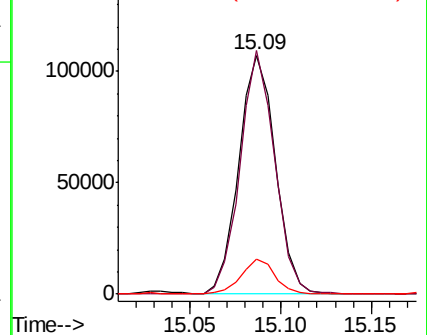
167 14.6 10.7 16.1

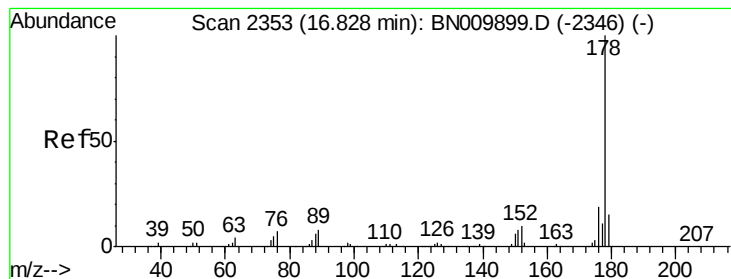


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 4.258 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BN009907.D

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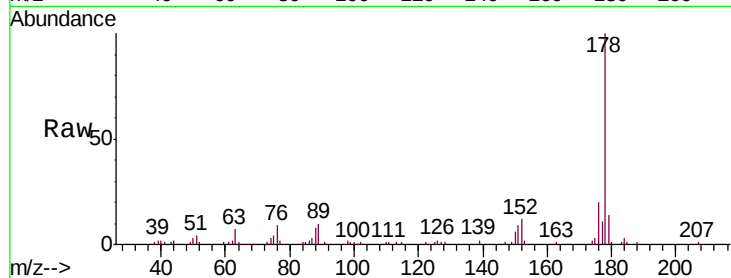
Tgt Ion:178 Resp: 108534

Ion Ratio Lower Upper

178 100

179 14.2 12.5 18.7

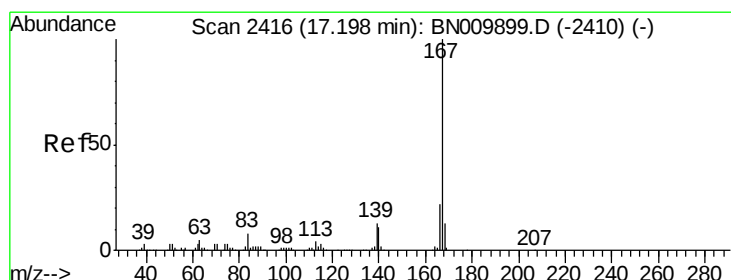
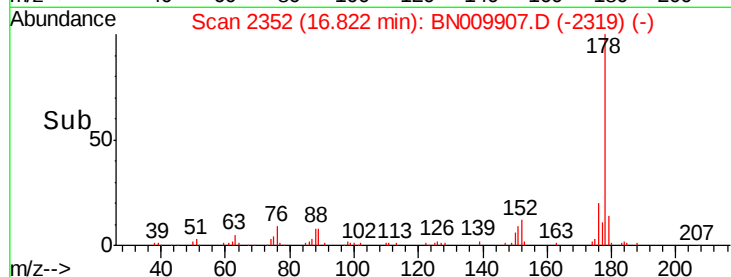
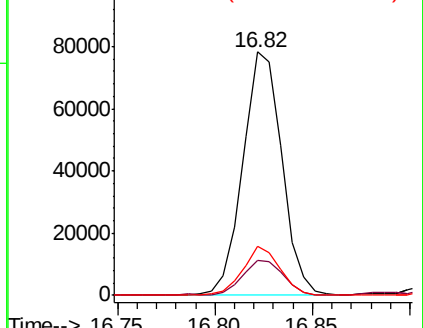
176 20.0 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 5.810 ng/ul

RT: 17.20 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

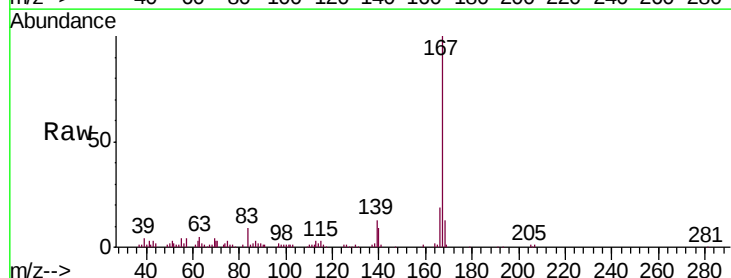
Tgt Ion:167 Resp: 133324

Ion Ratio Lower Upper

167 100

166 19.3 16.6 24.8

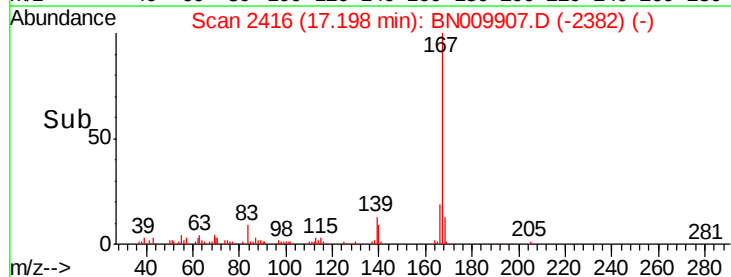
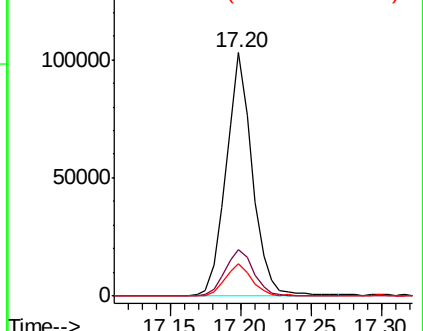
139 13.2 9.9 14.9

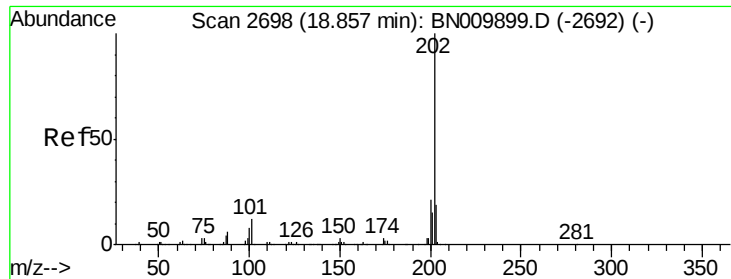


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

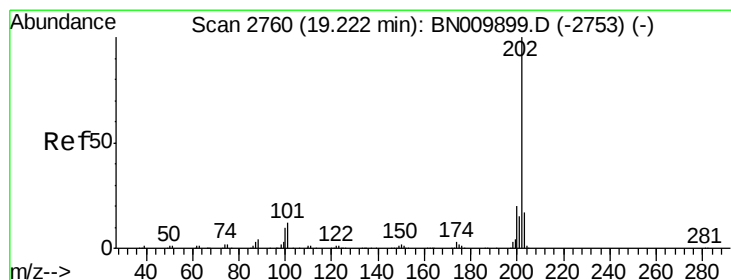
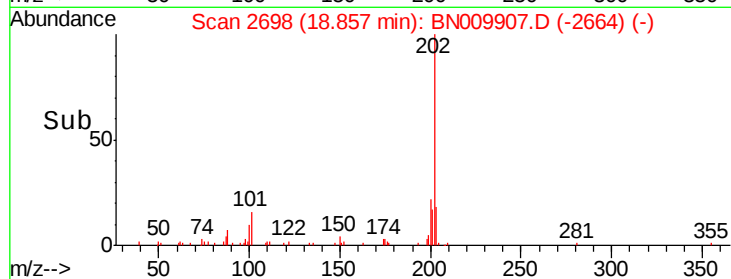
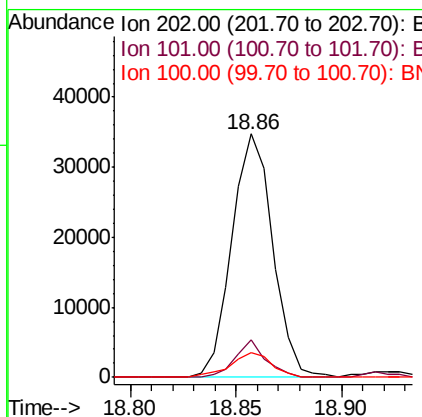
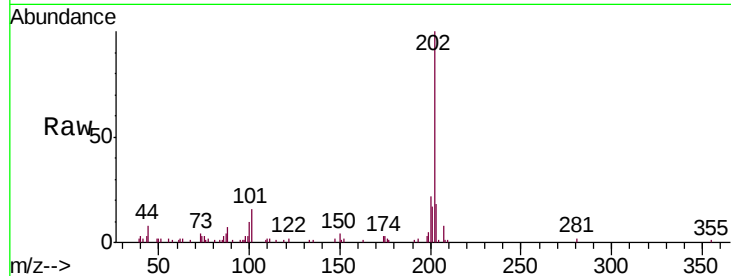




#77
Fluoranthene
 Concen: 1.565 ng/ul
 RT: 18.86 min Scan# 2698
 Delta R.T. 0.00 min
 Lab File: BN009907.D
 Acq: 25 Feb 2020 18:42

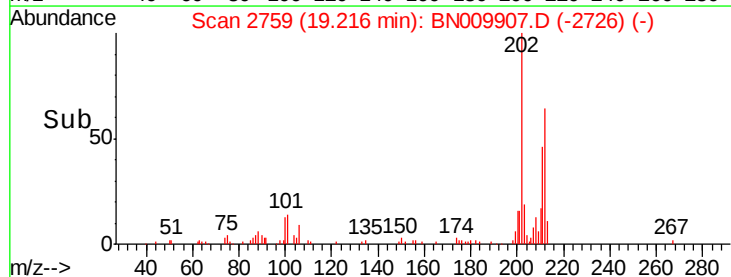
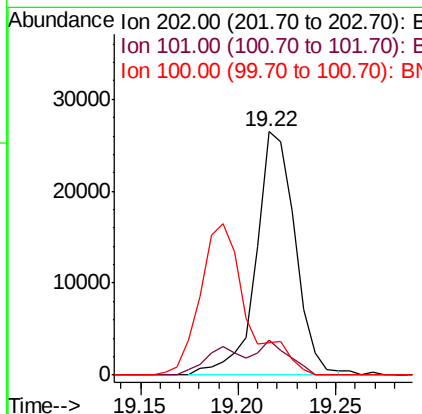
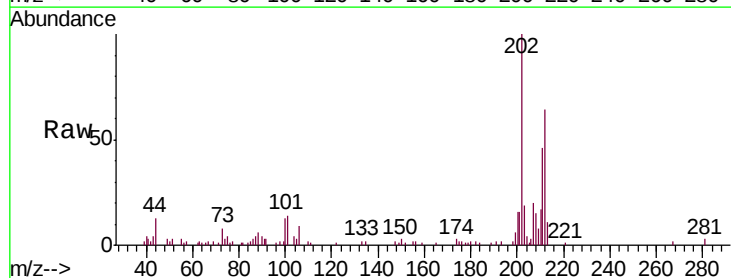
Instrument :
 BNA_N
 ClientSampleId :
 DBDA6

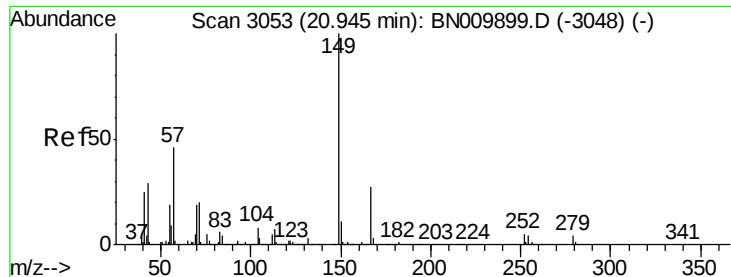
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.4	14.2#
100	9.9	7.2	10.8



#80
Pyrene
 Concen: 1.126 ng/ul
 RT: 19.22 min Scan# 2759
 Delta R.T. -0.01 min
 Lab File: BN009907.D
 Acq: 25 Feb 2020 18:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.3	16.9
100	13.1	9.0	13.6

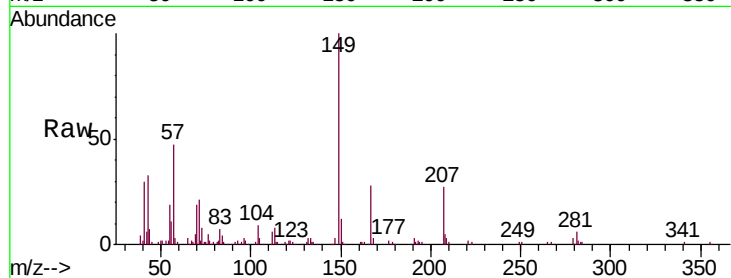




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.072 ng/ul
 RT: 20.95 min Scan# 3053
 Delta R.T. 0.00 min
 Lab File: BN009907.D
 Acq: 25 Feb 2020 18:42

Instrument :
 BNA_N
 ClientSampleId :
 DBDA6

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.0	31.6
279	3.3	3.0	4.6



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

