

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
 Data File : BN009912.D
 Acq On : 25 Feb 2020 21:43
 Operator : CG/JU
 Sample : L1568-08
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDB1

Quant Time: Feb 26 07:11:22 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	7.39	152	93690	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	381926	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	241077	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	535409	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	536485	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	558110	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	10401	4.57	ng/uL	0.00
5) Phenol-d5	6.59	99	202231	25.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	151422	27.53	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	163969	27.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	151607	23.92	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	78150	27.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	88793	29.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	156332	26.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	199920	30.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	539366	29.95	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	622831	29.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	69763	21.21	ng/ul	0.00
58) Fluorene-d10	15.03	176	467392	30.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	67218	20.21	ng/ul	0.00
71) Anthracene-d10	16.88	188	716437	29.19	ng/ul	0.00
79) Pyrene-d10	19.19	212	870296	31.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	889115	31.90	ng/ul	0.00

Target Compounds

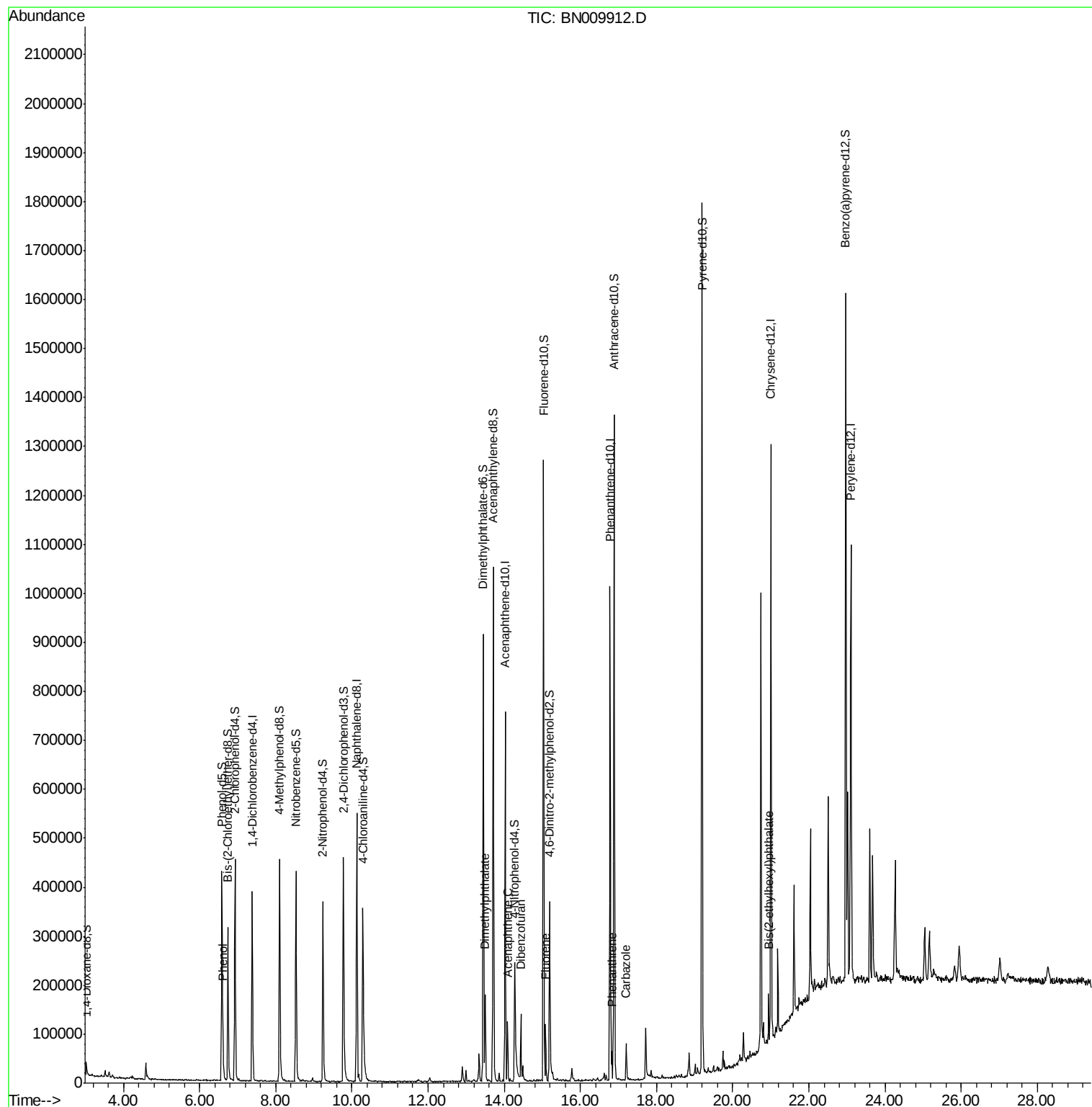
					Ovalue	
6) Phenol	6.62	94	10151	1.189	ng/ul#	83
45) Dimethylphthalate	13.50	163	102338	5.447	ng/ul	99
50) Acenaphthene	14.09	153	45495	2.891	ng/ul	99
54) Dibenzofuran	14.44	168	77978	3.531	ng/ul	92
59) Fluorene	15.09	166	46078	2.486	ng/ul	100
70) Phenanthrene	16.82	178	31231	1.022	ng/ul	98
75) Carbazole	17.21	167	39503	1.436	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.95	149	24475	1.008	ng/ul#	95

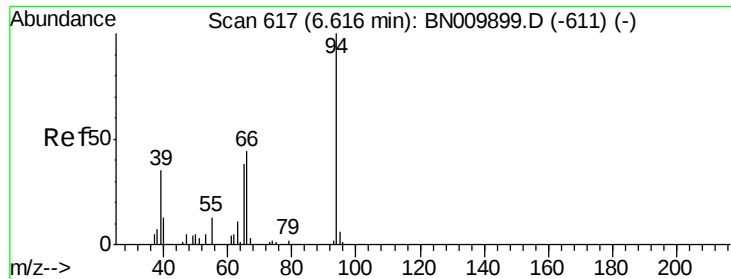
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 1.189 ng/ul

RT: 6.62 min Scan# 617

Delta R.T. 0.00 min

Lab File: BN009912.D

Acq: 25 Feb 2020 21:43

Instrument :

BNA_N

ClientSampled :

DBDB1

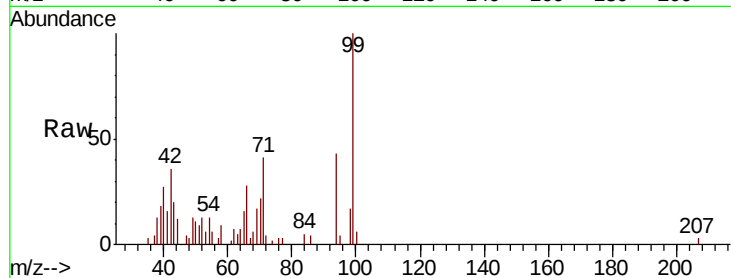
Tot Ion: 94 Resp: 10151

Ion Ratio Lower Upper

94 100

65 37.5 27.6 41.4

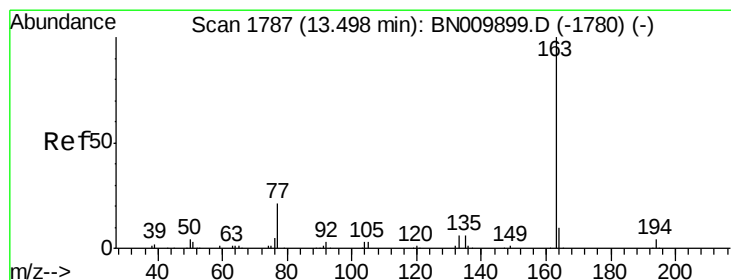
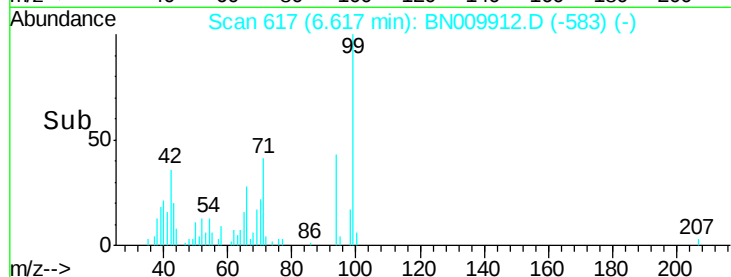
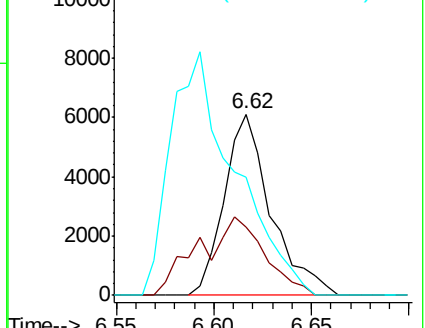
66 65.6 38.5 57.7#



Abundance Ion 94.00 (93.70 to 94.70): BN009912.D (-583) (-)

Ion 65.00 (64.70 to 65.70): BN009912.D (-583) (-)

Ion 66.00 (65.70 to 66.70): BN009912.D (-583) (-)



#45

Dimethylphthalate

Concen: 5.447 ng/ul

RT: 13.50 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BN009912.D

Acq: 25 Feb 2020 21:43

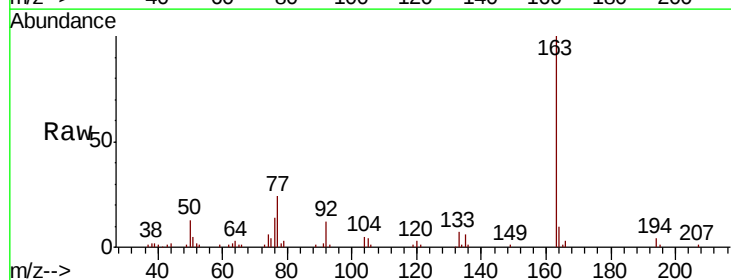
Tgt Ion:163 Resp: 102338

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

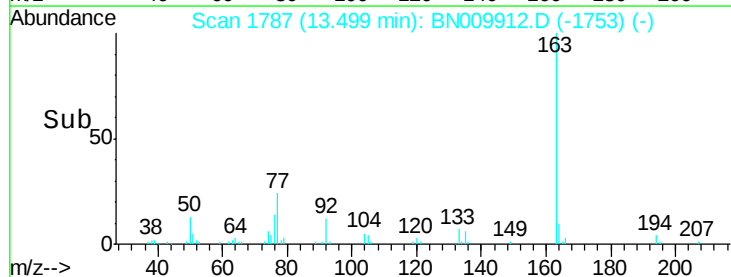
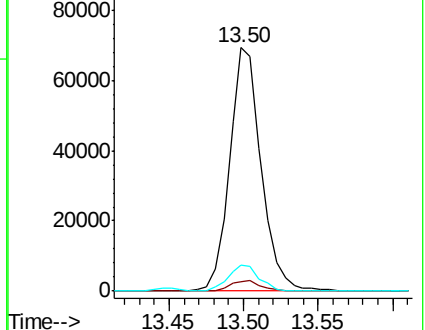
164 10.4 8.0 12.0

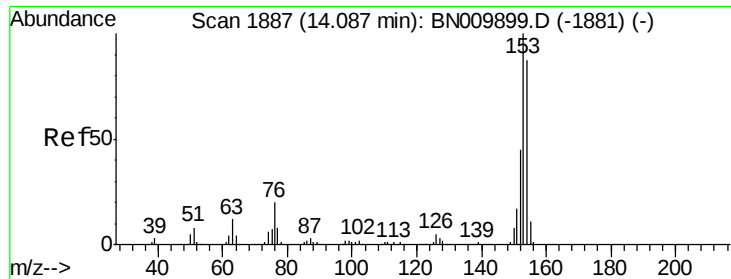


Abundance Ion 163.00 (162.70 to 163.70): BN009912.D (-1753) (-)

Ion 194.00 (193.70 to 194.70): BN009912.D (-1753) (-)

Ion 164.00 (163.70 to 164.70): BN009912.D (-1753) (-)





#50

Acenaphthene

Concen: 2.891 ng/ul

RT: 14.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BN009912.D

Acq: 25 Feb 2020 21:43

Instrument :

BNA_N

ClientSampleId :

DBDB1

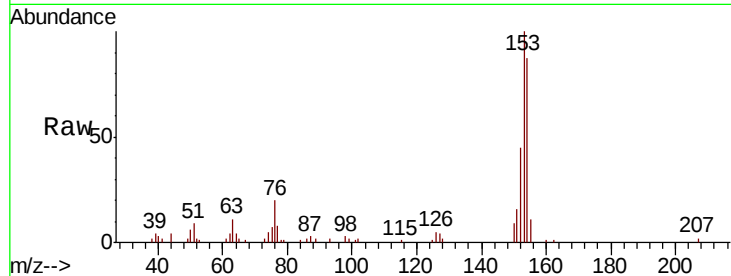
Tot Ion:153 Resp: 45495

Ion Ratio Lower Upper

153 100

152 44.8 36.6 54.8

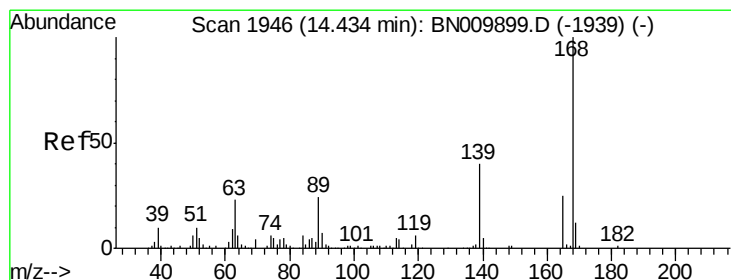
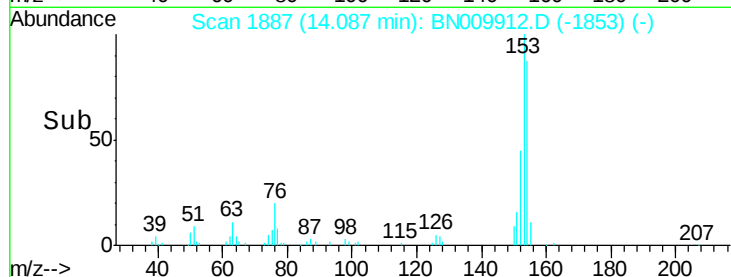
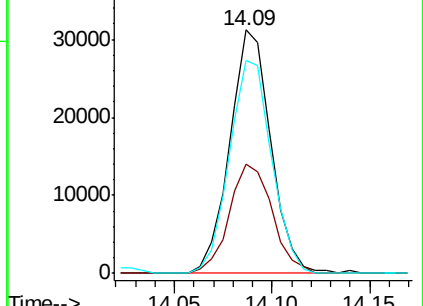
154 87.2 70.6 106.0



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

Dibenzofuran

Concen: 3.531 ng/ul

RT: 14.44 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BN009912.D

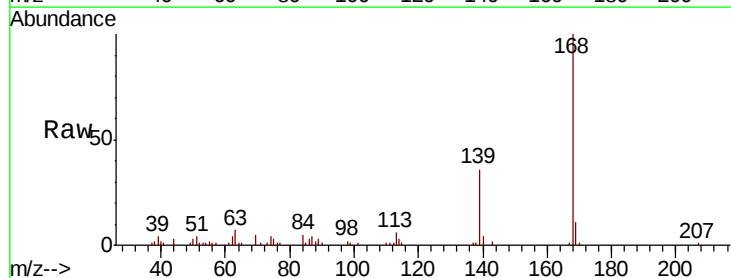
Acq: 25 Feb 2020 21:43

Tgt Ion:168 Resp: 77978

Ion Ratio Lower Upper

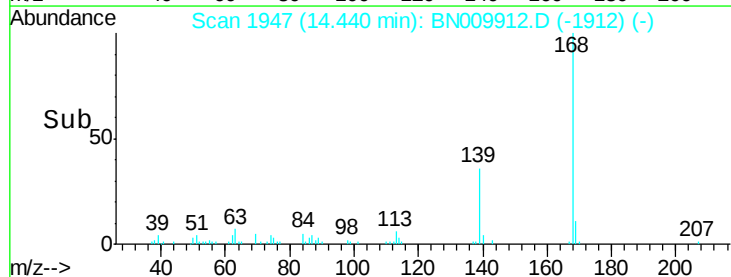
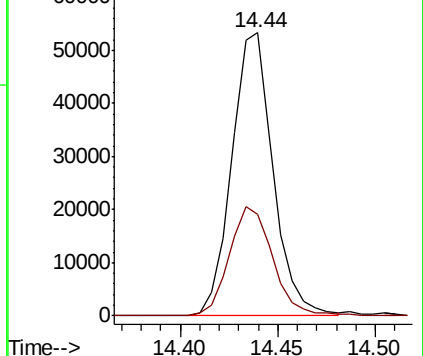
168 100

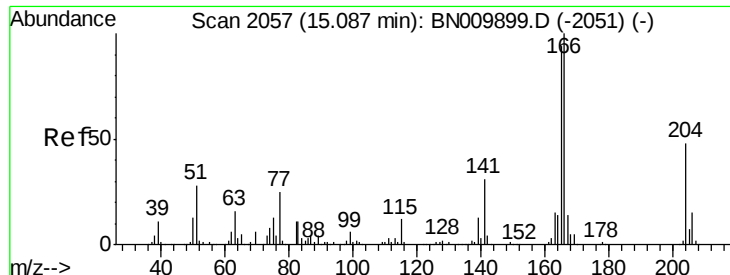
139 36.1 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 2.486 ng/ul

RT: 15.09 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BN009912.D

Acq: 25 Feb 2020 21:43

Instrument :

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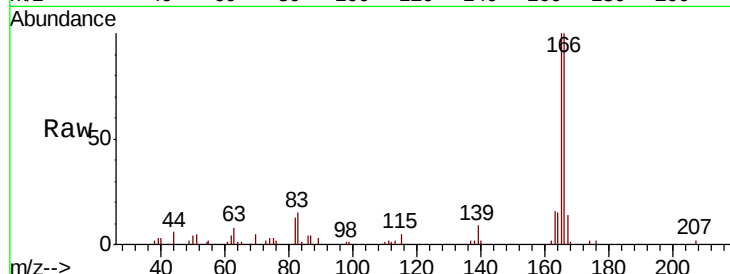
Tot Ion:166 Resp: 46078

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.8

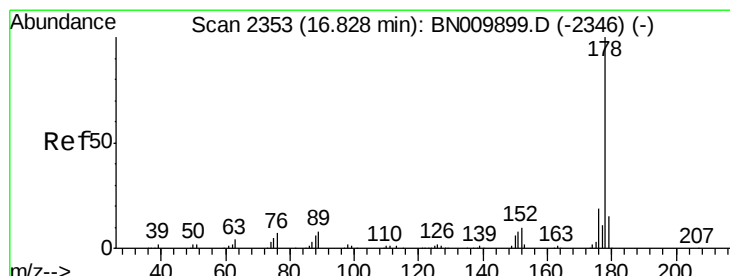
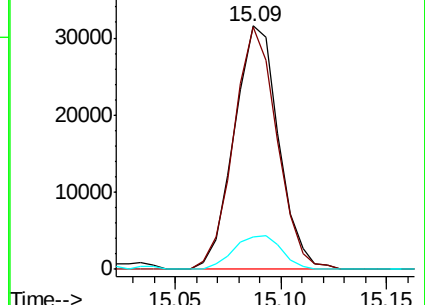
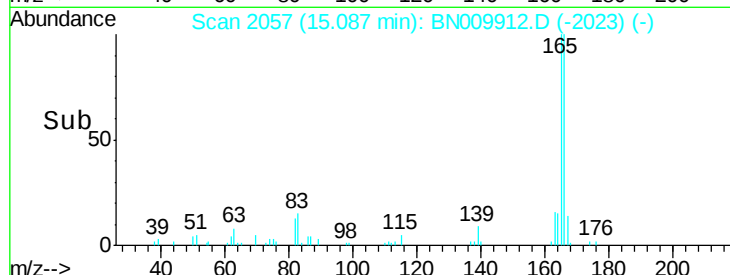
167 13.5 10.7 16.1



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: 1.022 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BN009912.D

Acq: 25 Feb 2020 21:43

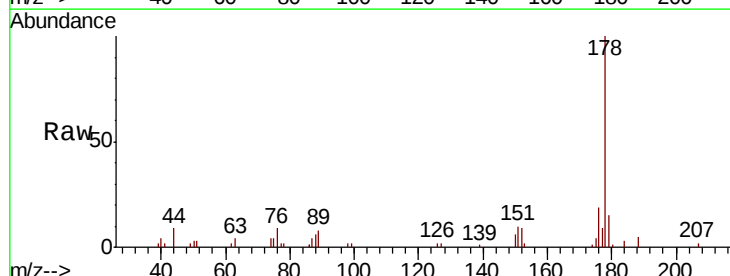
Tgt Ion:178 Resp: 31231

Ion Ratio Lower Upper

178 100

179 14.7 12.5 18.7

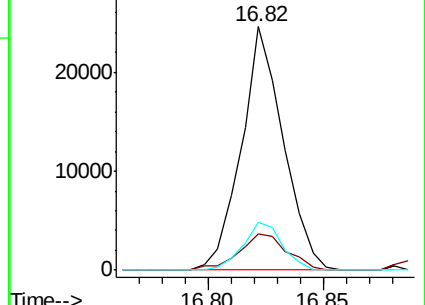
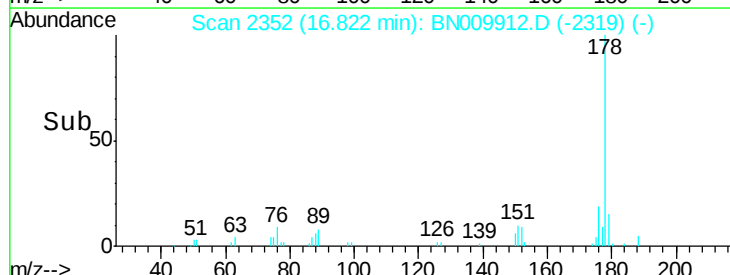
176 19.5 14.6 22.0

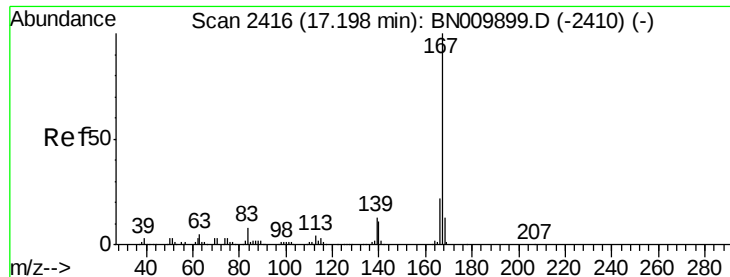


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 1.436 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. 0.01 min

Lab File: BN009912.D

Acq: 25 Feb 2020 21:43

Instrument :

BNA_N

ClientSampleId :

DBDB1

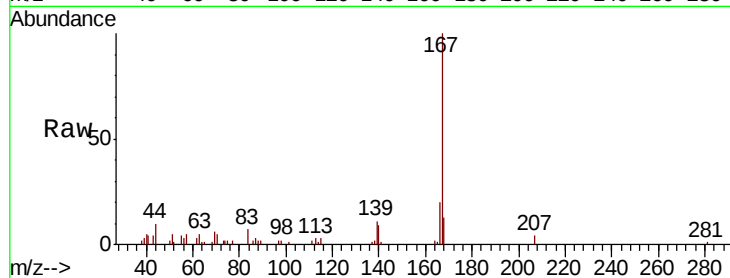
Tot Ion:167 Resp: 39503

Ion Ratio Lower Upper

167 100

166 20.0 16.6 24.8

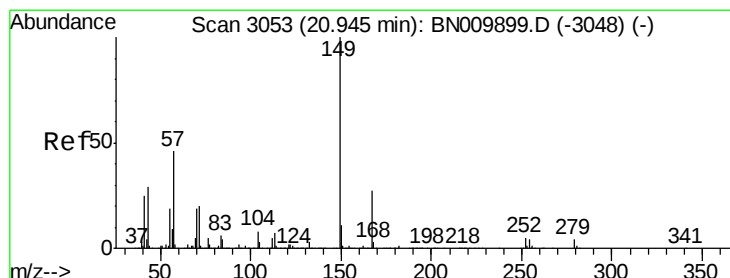
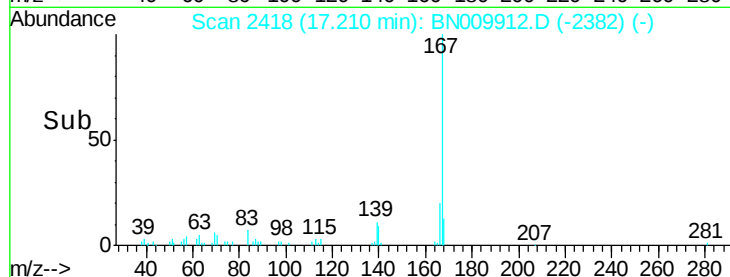
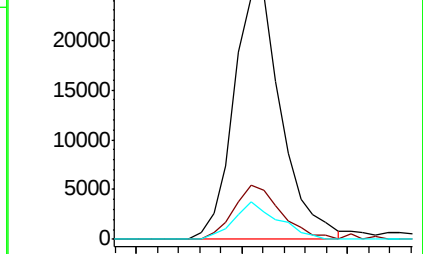
139 11.2 9.9 14.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.008 ng/ul

RT: 20.95 min Scan# 3053

Delta R.T. 0.00 min

Lab File: BN009912.D

Acq: 25 Feb 2020 21:43

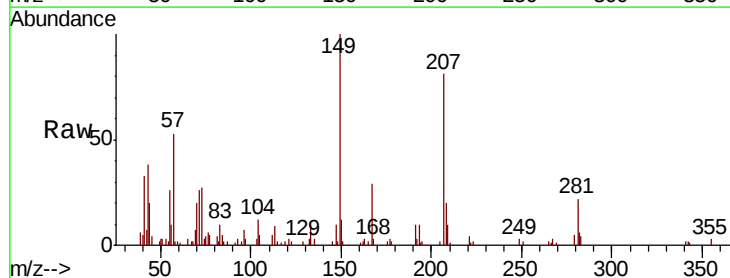
Tgt Ion:149 Resp: 24475

Ion Ratio Lower Upper

149 100

167 28.9 21.0 31.6

279 4.7 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

