

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
 Data File : BN009976.D
 Acq On : 27 Feb 2020 22:29
 Operator : CG/JU
 Sample : L1582-07DL3 300X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 28 01:16:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:56:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	22649	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	110067	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	68544	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	144731	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	128525	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	134721	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.49	166	108	0.02	ng/ul	0.04
47) Acenaphthylene-d8	13.72	160	1255	0.21	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.06	176	1299	0.29	ng/ul	0.04
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.79	188	144731	21.82	ng/ul	-0.09
79) Pyrene-d10	19.22	212	2922	0.43	ng/ul	0.02
90) Benzo(a)pyrene-d12	22.99	264	1645	0.24	ng/ul	0.02

Target Compounds

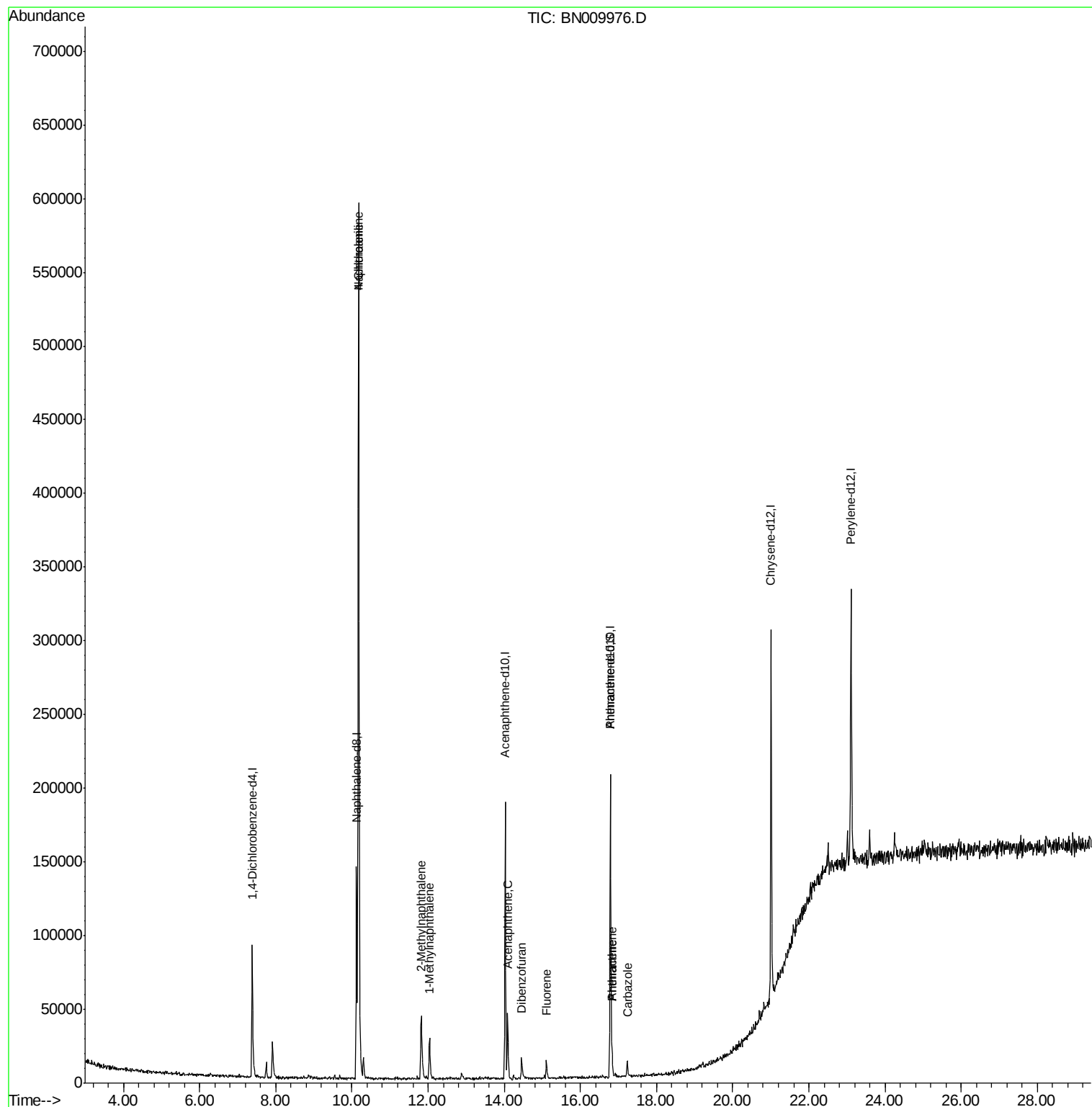
					Ovalue	
28) Naphthalene	10.17	128	448896	75.630	ng/ul	99
30) 4-Chloroaniline	10.17	127	59176	30.371	ng/ul#	10
34) 2-Methylnaphthalene	11.83	142	33065	8.023	ng/ul#	77
35) 1-Methylnaphthalene	12.03	142	17966	4.349	ng/uL#	95
50) Acenaphthene	14.09	153	20083	4.489	ng/ul#	81
54) Dibenzofuran	14.46	168	13940	2.220	ng/ul	87
59) Fluorene	15.11	166	7394	1.403	ng/ul#	97
70) Phenanthrene	16.83	178	9523	1.153	ng/ul#	91
72) Anthracene	16.83	178	9523	1.128	ng/ul#	90
75) Carbazole	17.23	167	10920	1.469	ng/ul	96

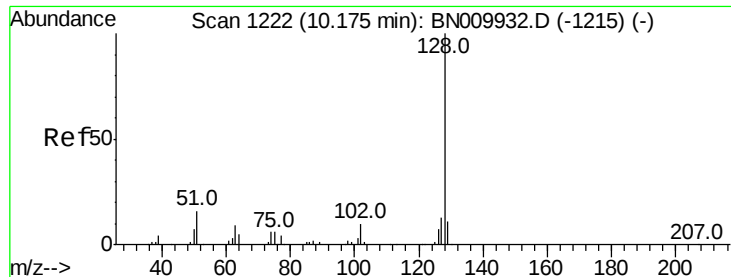
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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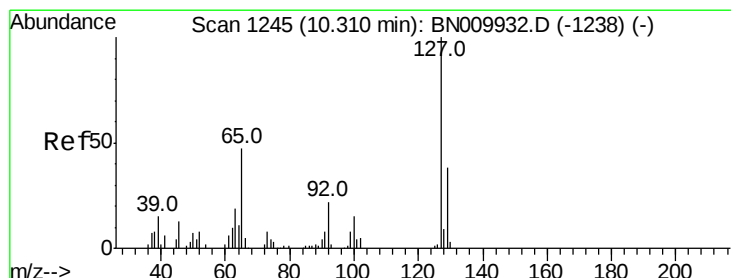
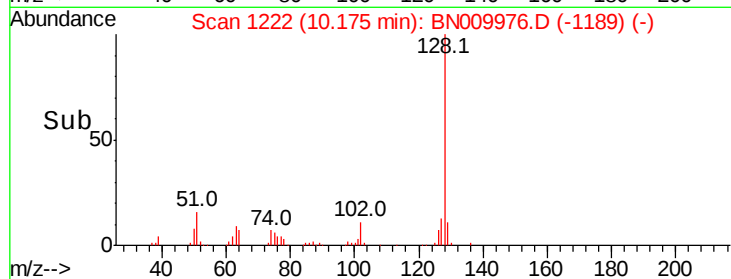
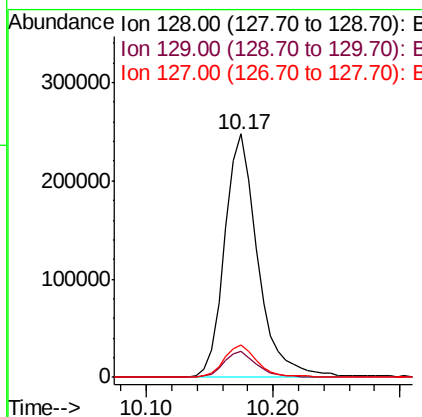
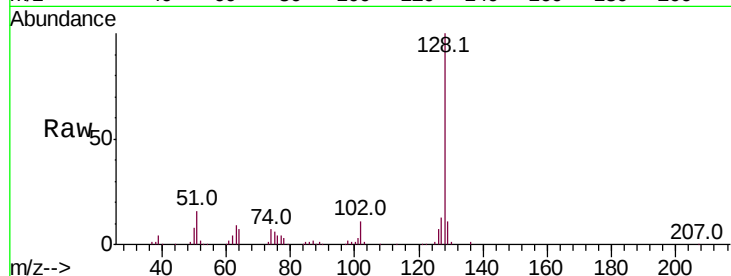




#28
Naphthalene
Concen: 75.630 ng/ul
RT: 10.17 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BN009976.D
Acq: 27 Feb 2020 22:29

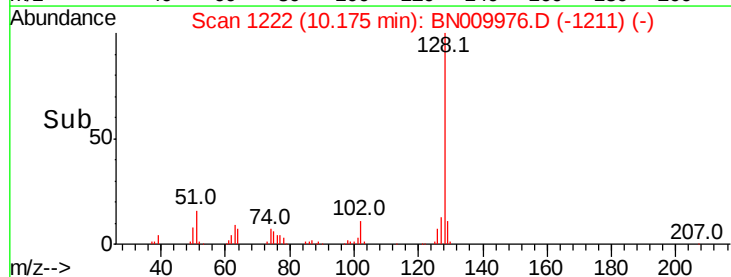
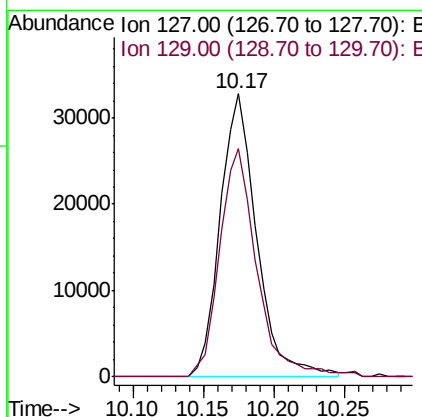
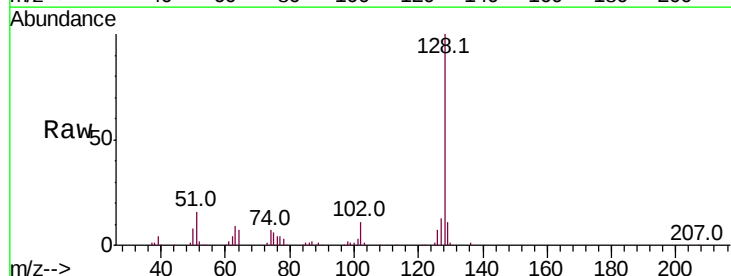
Instrument :
BNA_N
ClientSampleId :

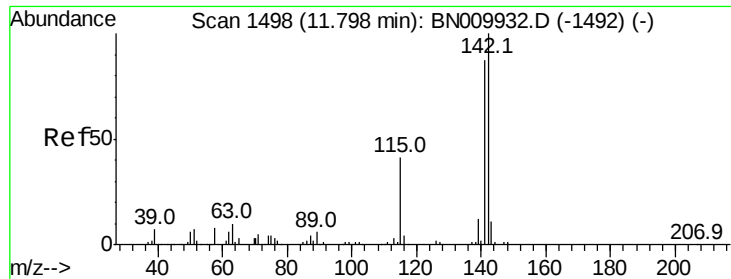
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.2	10.3	15.5



#30
4-Chloroaniline
Concen: 30.371 ng/ul
RT: 10.17 min Scan# 1222
Delta R.T. -0.14 min
Lab File: BN009976.D
Acq: 27 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
127	100		
129	80.7	24.8	37.2

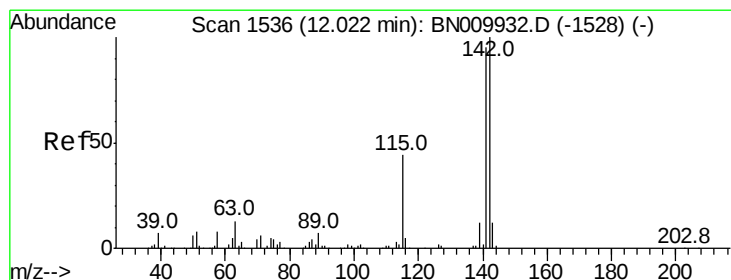
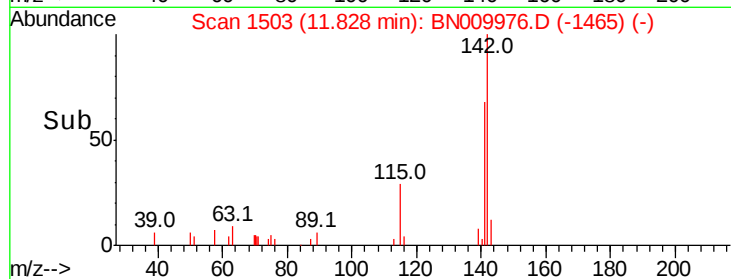
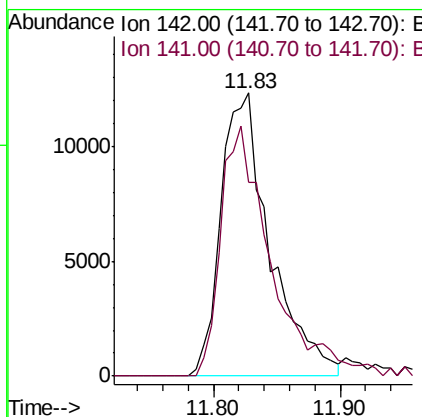
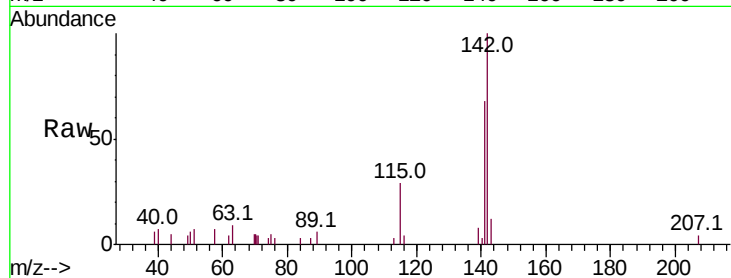




#34
 2-Methylnaphthalene
 Concen: 8.023 ng/ul
 RT: 11.83 min Scan# 1503
 Delta R.T. 0.02 min
 Lab File: BN009976.D
 Acq: 27 Feb 2020 22:29

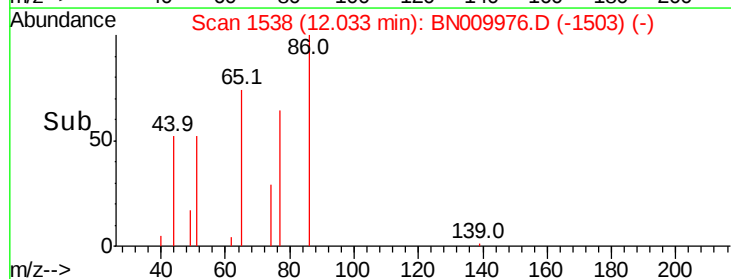
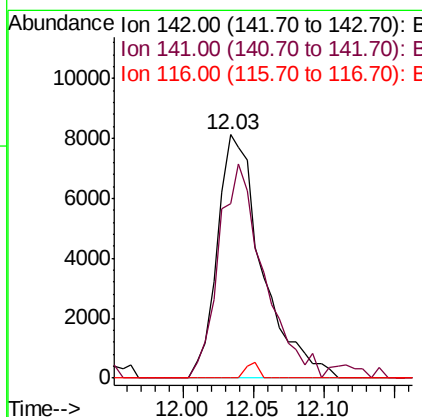
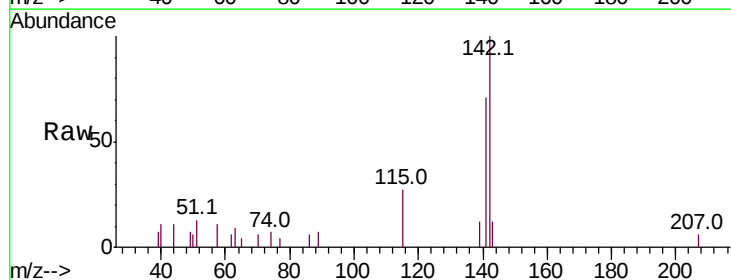
Instrument :
 BNA_N
 ClientSampled :

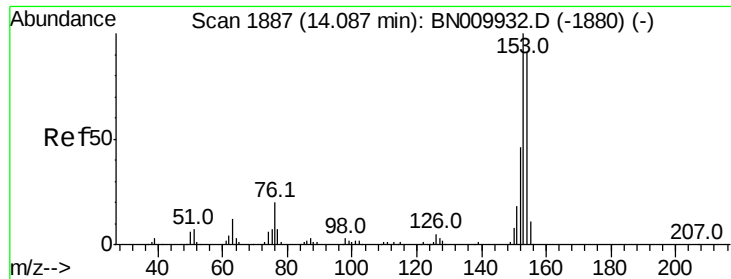
Tot Ion:142 Resp: 33065
 Ion Ratio Lower Upper
 142 100
 141 68.4 72.1 108.1#



#35
 1-Methylnaphthalene
 Concen: 4.349 ng/uL
 RT: 12.03 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BN009976.D
 Acq: 27 Feb 2020 22:29

Tgt Ion:142 Resp: 17966
 Ion Ratio Lower Upper
 142 100
 141 86.5 72.8 109.2
 116 1.9 3.2 4.8#





#50

Acenaphthene

Concen: 4.489 ng/ul

RT: 14.09 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BN009976.D

Acq: 27 Feb 2020 22:29

Instrument :

BNA_N

ClientSampleId :

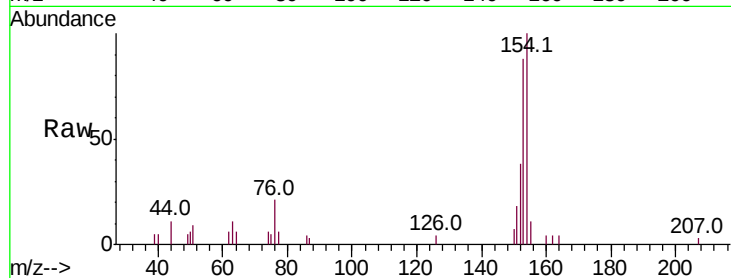
Tot Ion:153 Resp: 20083

Ion Ratio Lower Upper

153 100

152 43.6 36.6 54.8

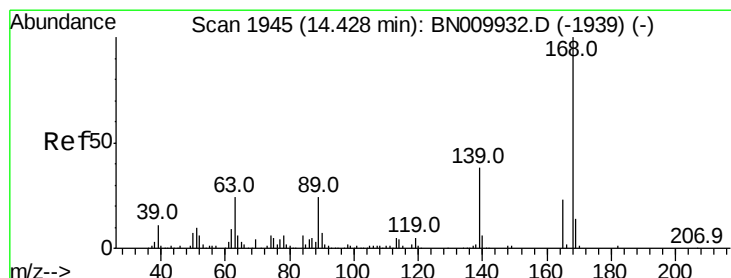
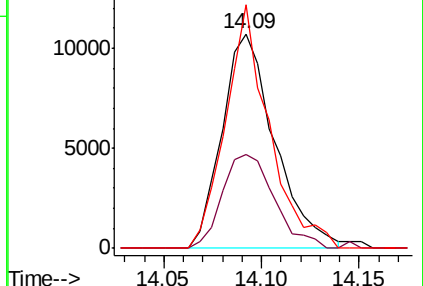
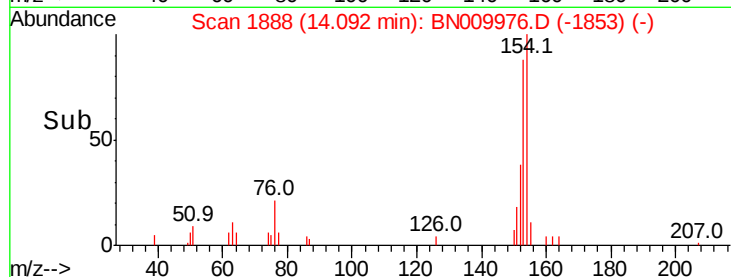
154 113.5 70.6 106.0#



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: 2.220 ng/ul

RT: 14.46 min Scan# 1951

Delta R.T. 0.04 min

Lab File: BN009976.D

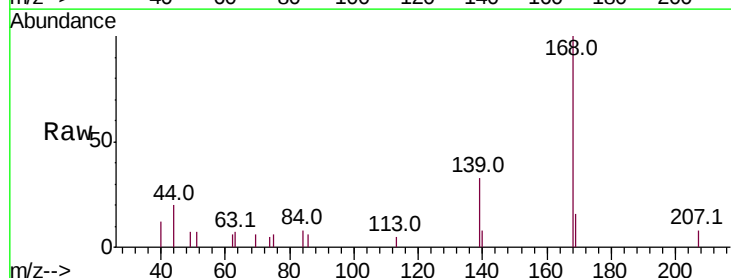
Acq: 27 Feb 2020 22:29

Tgt Ion:168 Resp: 13940

Ion Ratio Lower Upper

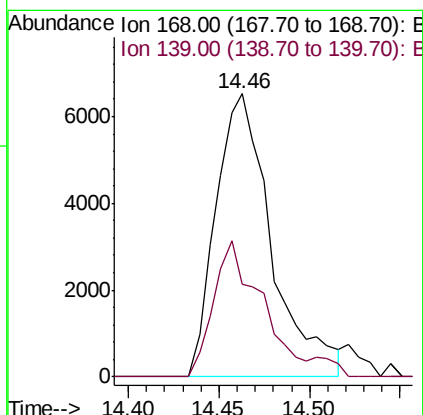
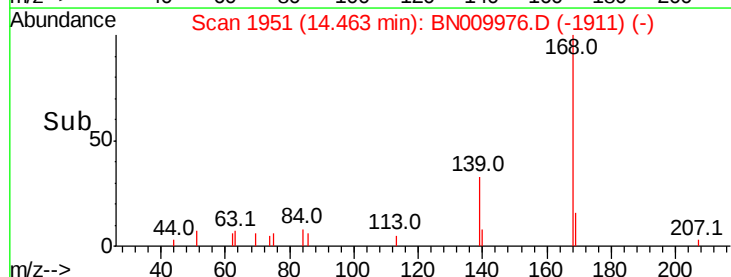
168 100

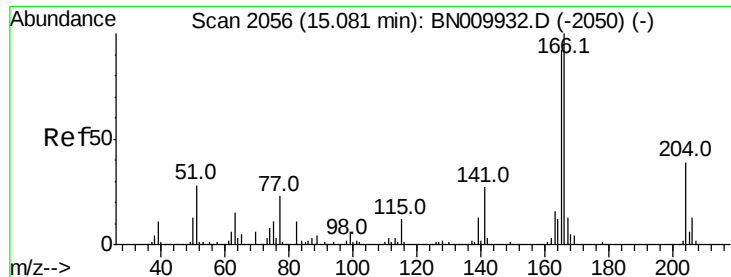
139 32.9 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.403 ng/ul

RT: 15.11 min Scan# 2061

Delta R.T. 0.02 min

Lab File: BN009976.D

Acq: 27 Feb 2020 22:29

Instrument :

BNA_N

ClientSampled :

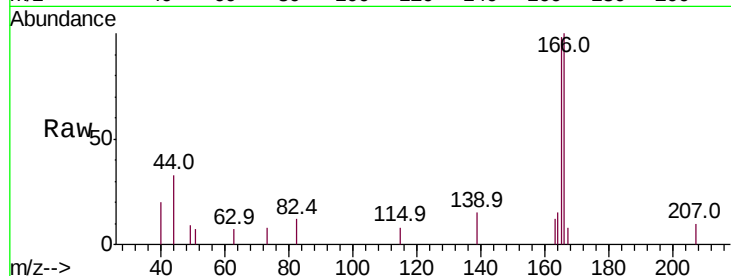
Tot Ion:166 Resp: 7394

Ion Ratio Lower Upper

166 100

165 98.0 79.8 119.8

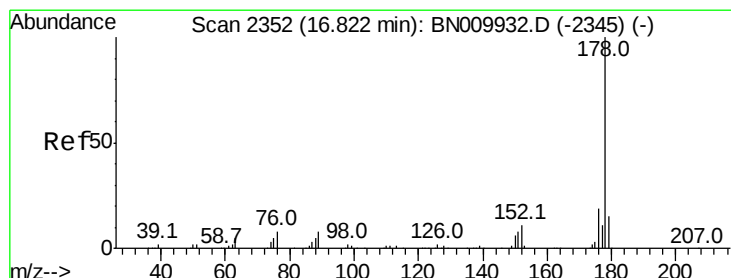
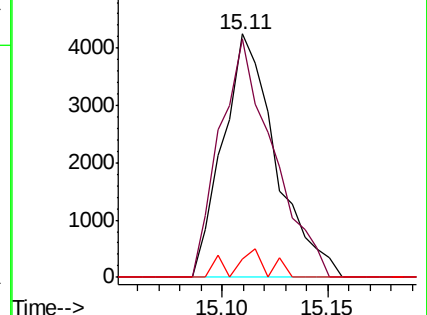
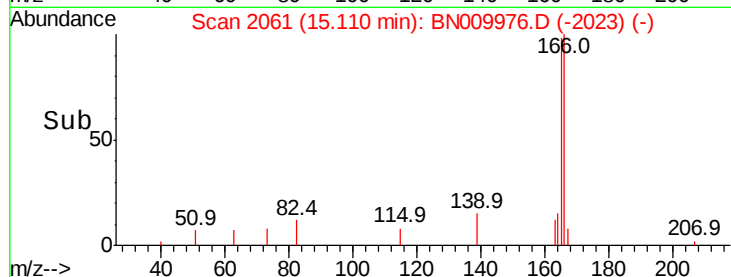
167 7.7 10.7 16.1#



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: 1.153 ng/ul

RT: 16.83 min Scan# 2354

Delta R.T. 0.01 min

Lab File: BN009976.D

Acq: 27 Feb 2020 22:29

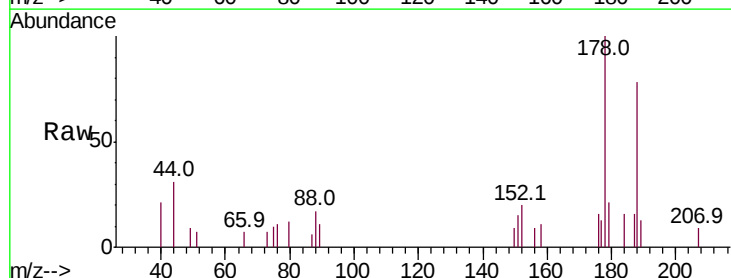
Tgt Ion:178 Resp: 9523

Ion Ratio Lower Upper

178 100

179 21.0 12.5 18.7#

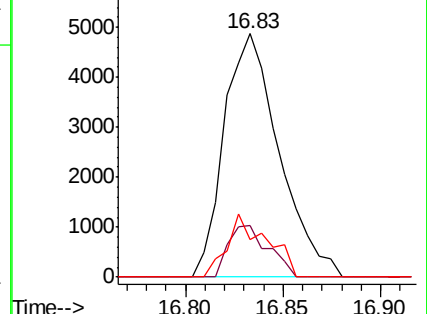
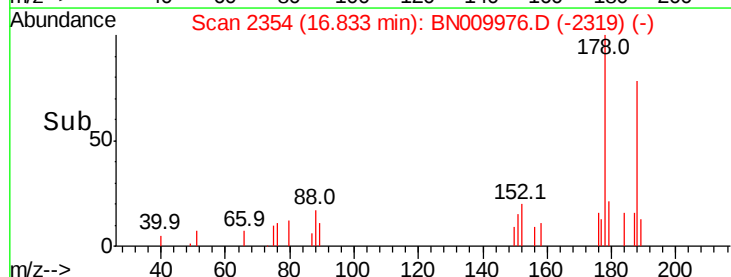
176 15.6 14.6 22.0

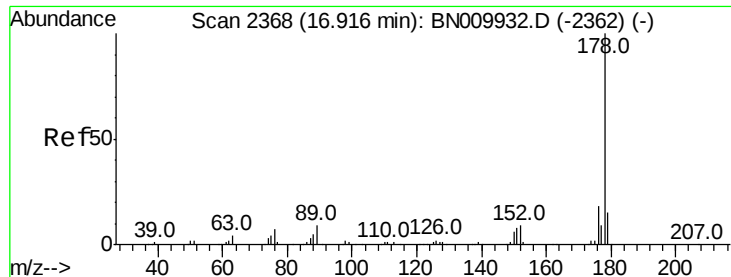


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.128 ng/ul

RT: 16.83 min Scan# 2354

Delta R.T. -0.08 min

Lab File: BN009976.D

Acq: 27 Feb 2020 22:29

Instrument :

BNA_N

ClientSampleId :

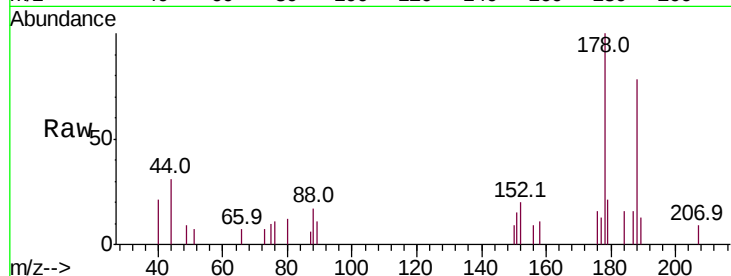
Tot Ion:178 Resp: 9523

Ion Ratio Lower Upper

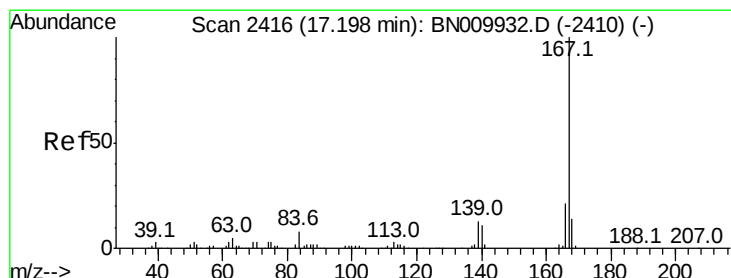
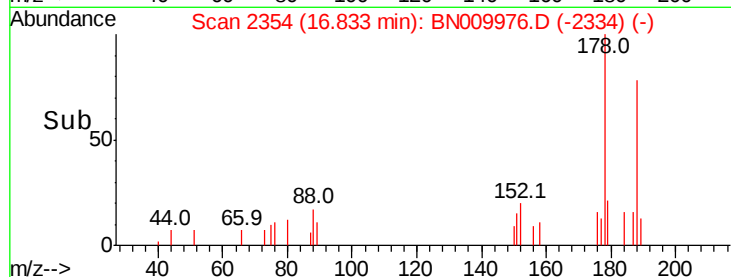
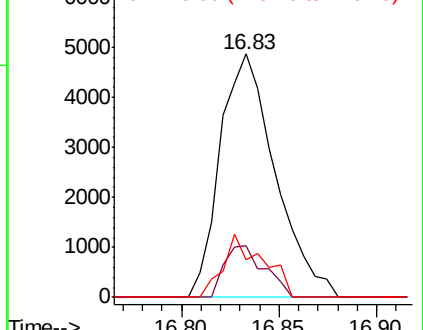
178 100

179 21.0 12.2 18.2#

176 15.6 14.6 21.8



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: 1.469 ng/ul

RT: 17.23 min Scan# 2421

Delta R.T. 0.03 min

Lab File: BN009976.D

Acq: 27 Feb 2020 22:29

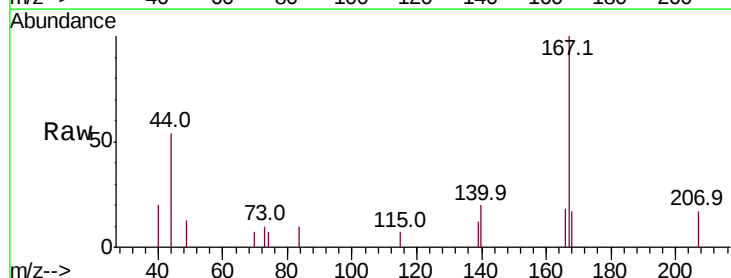
Tgt Ion:167 Resp: 10920

Ion Ratio Lower Upper

167 100

166 18.2 16.6 24.8

139 11.7 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

