

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
 Data File : BN009898.D
 Acq On : 25 Feb 2020 13:17
 Operator : CG/JU
 Sample : L1582-07DL2 30X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDJ9DL2

Quant Time: Feb 25 14:08:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 25 07:22:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	87695	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	365920	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	226025	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	498137	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	507143	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	519502	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	6.64	99	116	0.02	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	6.76	67	4303	0.84	ng/ul	0.02
9) 2-Chlorophenol-d4	6.94	132	3388	0.60	ng/ul	0.01
13) 4-Methylphenol-d8	8.14	113	1113	0.19	ng/ul	0.04
19) Nitrobenzene-d5	8.55	128	1039	0.39	ng/ul	0.02
22) 2-Nitrophenol-d4	9.26	143	1634	0.56	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.82	165	2503	0.44	ng/ul	0.05
29) 4-Chloroaniline-d4	10.29	131	135	0.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	18127	1.07	ng/ul	0.01
47) Acenaphthylene-d8	13.72	160	19529	0.98	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.03	176	16164	1.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	288	0.09	ng/ul	0.03
71) Anthracene-d10	16.89	188	25462	1.12	ng/ul	0.00
79) Pyrene-d10	19.20	212	28743	1.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	27135	1.05	ng/ul	0.00

Target Compounds

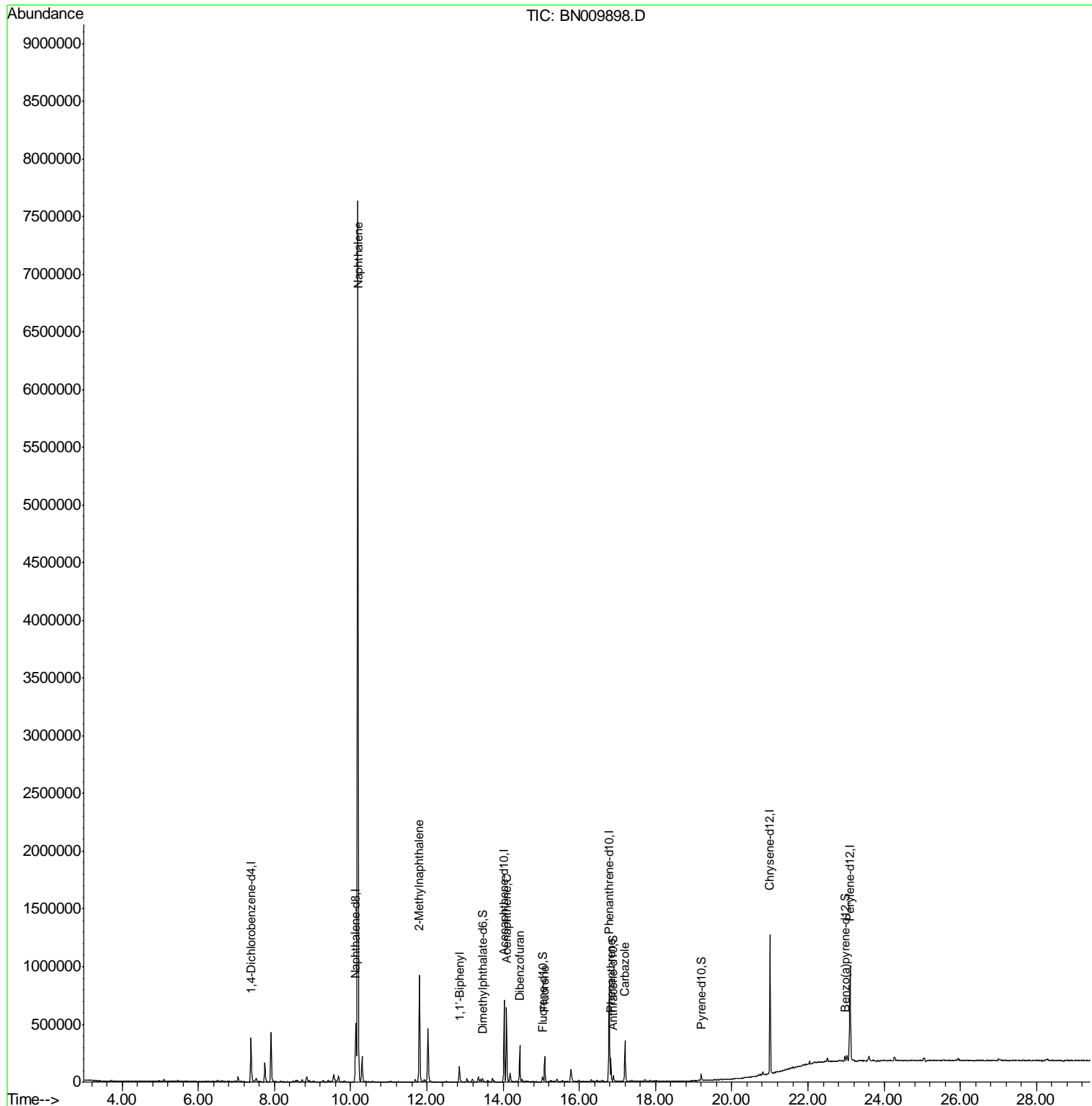
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.19	128	5262880	266.713	ng/ul	99
34) 2-Methylnaphthalene	11.80	142	409750	29.905	ng/ul	95
41) 1,1'-Biphenyl	12.85	154	66945	3.856	ng/ul	98
50) Acenaphthene	14.09	153	241285	16.355	ng/ul	96
54) Dibenzofuran	14.43	168	180046	8.695	ng/ul	98
59) Fluorene	15.09	166	91665	5.275	ng/ul	98
70) Phenanthrene	16.83	178	113212	3.982	ng/ul	98
75) Carbazole	17.20	167	204867	8.005	ng/ul	98

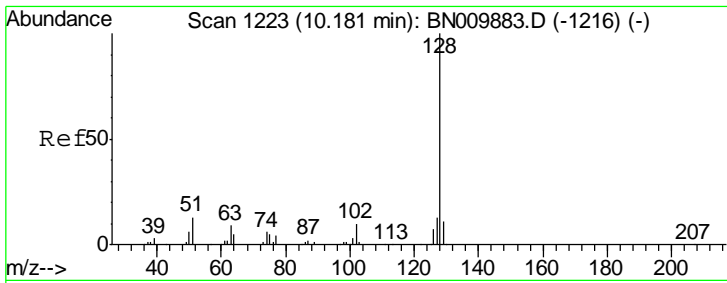
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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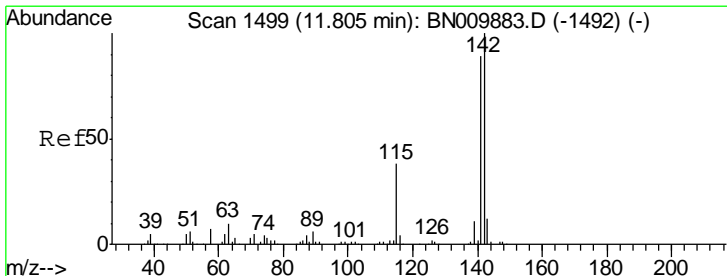
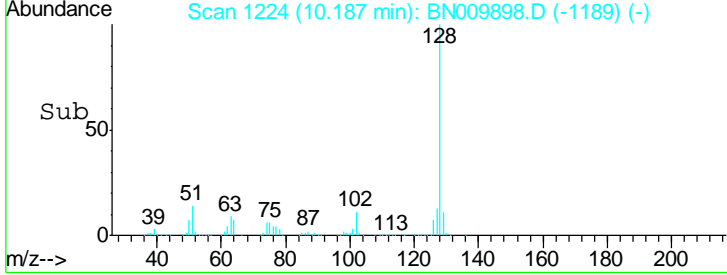
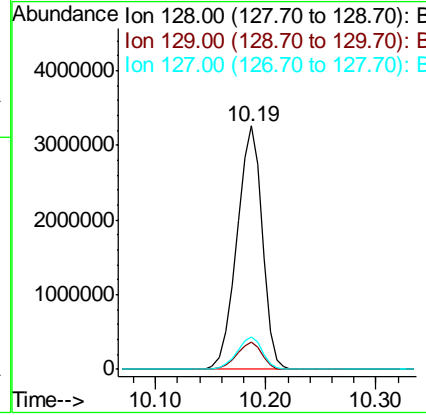
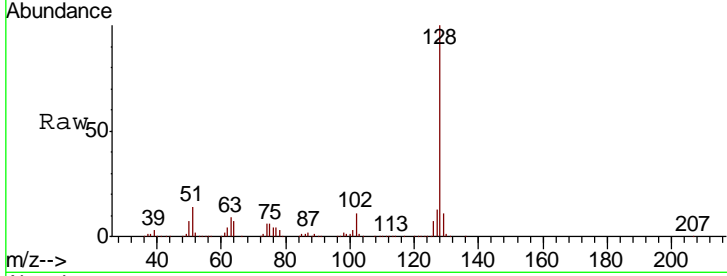




#28
 Naphthalene
 Concen: 266.713 ng/ul
 RT: 10.19 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BN009898.D
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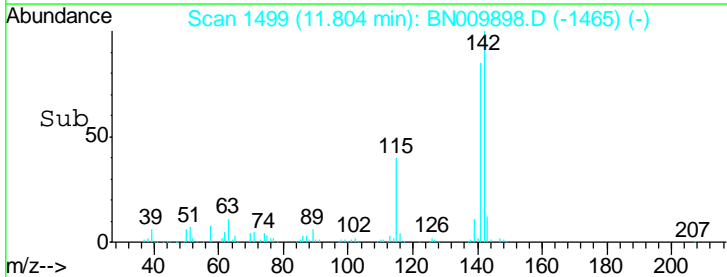
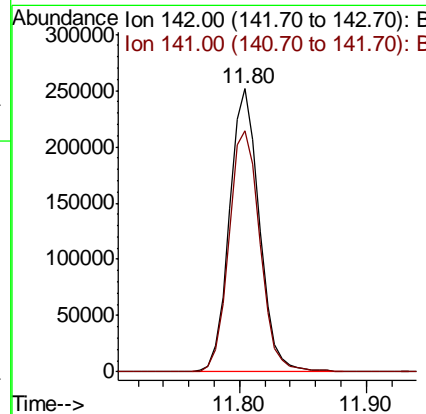
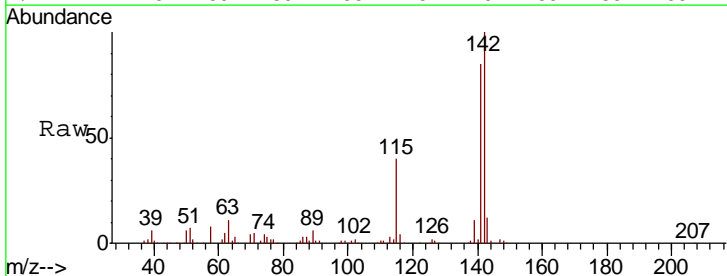
Instrument :
 BNA_N
 ClientSampled :
 DBDJ9DL2

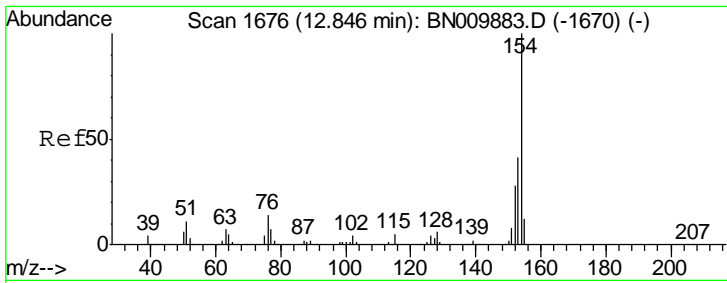
Tgt Ion	Resp	Lower	Upper
128	5262880		
129	11.1	8.6	13.0
127	13.3	10.3	15.5



#34
 2-Methylnaphthalene
 Concen: 29.905 ng/ul
 RT: 11.80 min Scan# 1499
 Delta R.T. -0.00 min
 Lab File: BN009898.D
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Tgt Ion	Resp	Lower	Upper
142	409750		
141	85.3	72.1	108.1

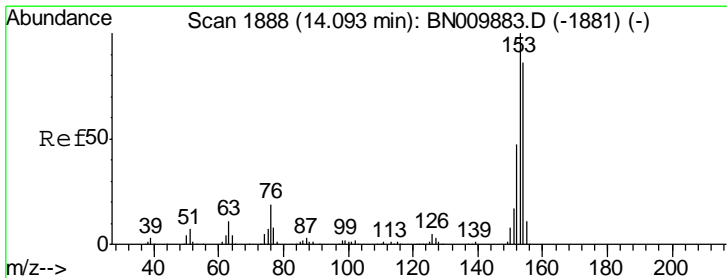
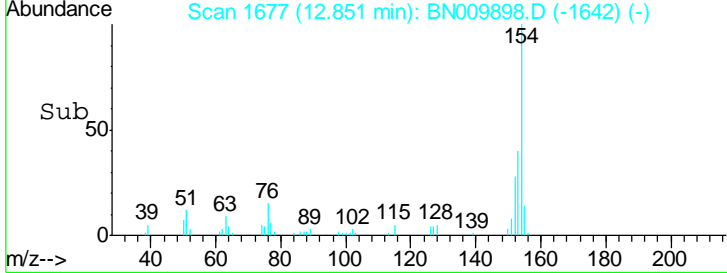
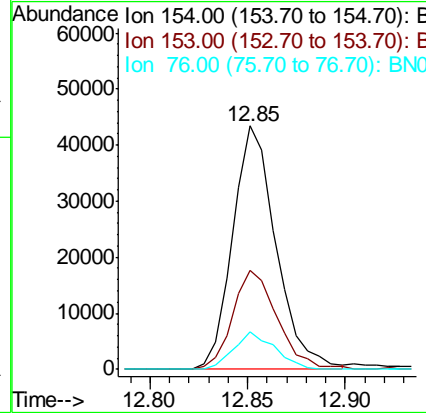
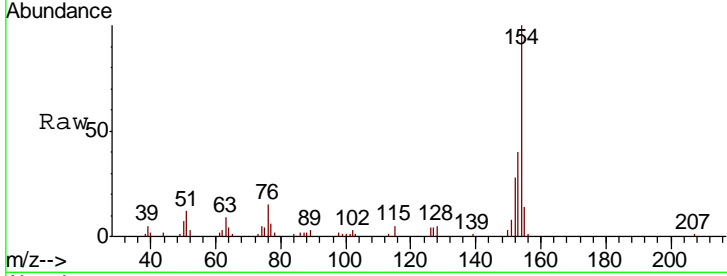




#41
 1,1'-Biphenyl
 Concen: 3.856 ng/ul
 RT: 12.85 min Scan# 1677
 Delta R.T. 0.01 min
 Lab File: BN009898.D
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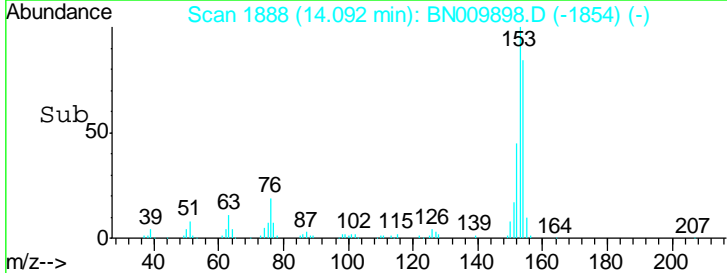
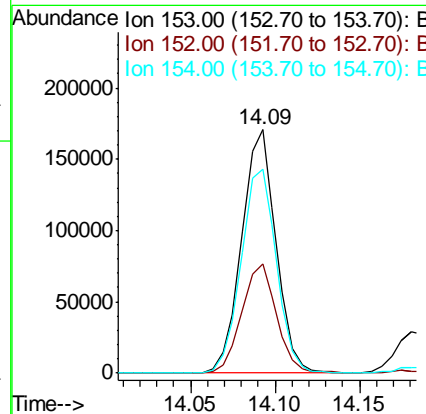
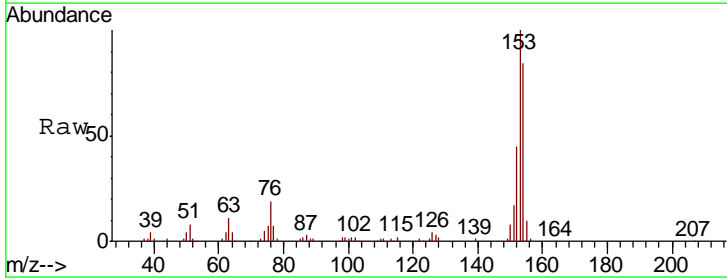
Instrument :
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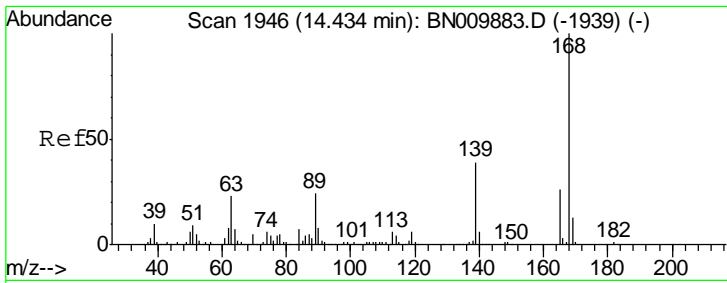
Tgt Ion	Resp	Lower	Upper
154	66945		
153	40.4	33.2	49.8
76	15.2	11.0	16.4



#50
 Acenaphthene
 Concen: 16.355 ng/ul
 RT: 14.09 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BN009898.D
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Tgt Ion	Resp	Lower	Upper
153	241285		
152	45.0	36.6	54.8
154	83.8	70.6	106.0

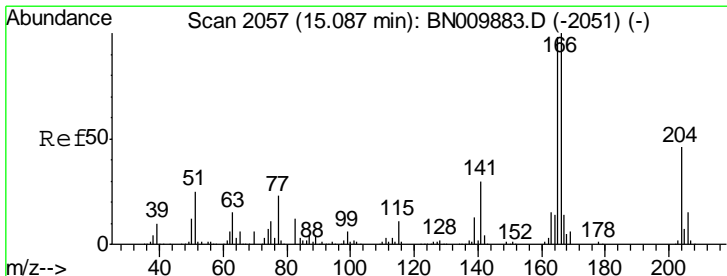
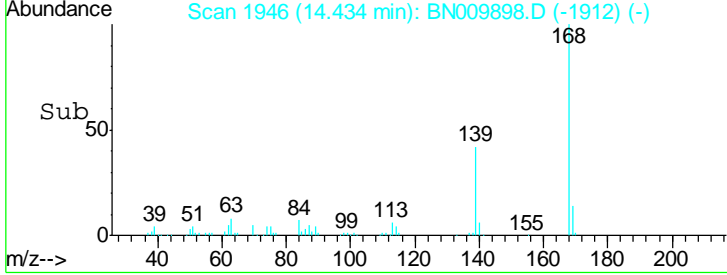
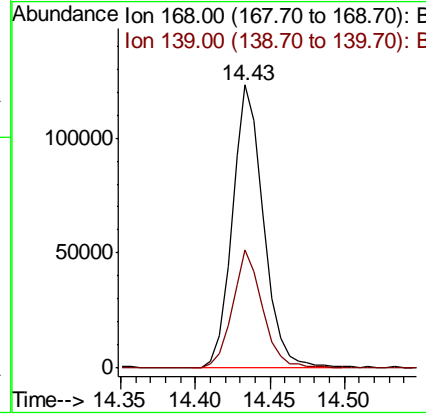
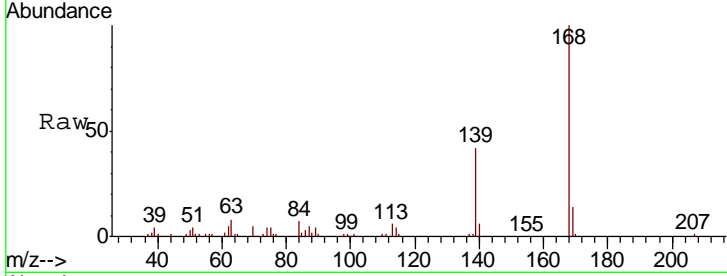




#54
 Dibenzofuran
 Concen: 8.695 ng/ul
 RT: 14.43 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BN009898.D
 Acq: 25 Feb 2020 13:17

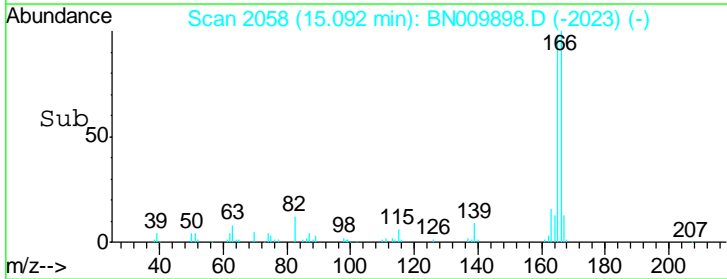
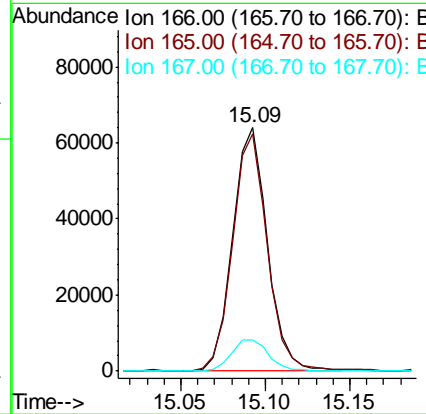
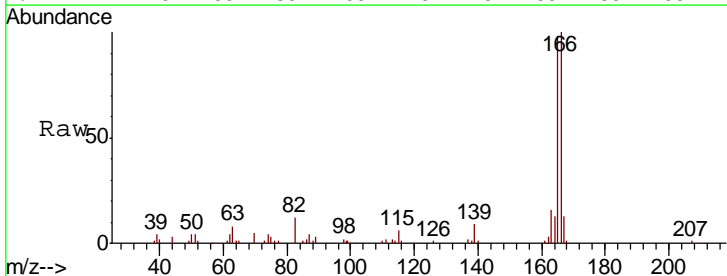
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 ClientSampleID :
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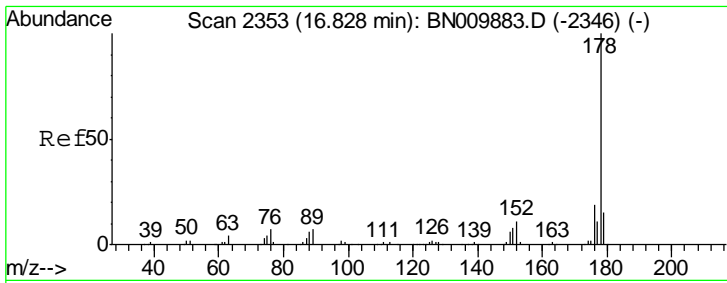
Tgt Ion	Resp	Lower	Upper
168	180046		
139	41.9	32.7	49.1



#59
 Fluorene
 Concen: 5.275 ng/ul
 RT: 15.09 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BN009898.D
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Tgt Ion	Resp	Lower	Upper
166	91665		
165	97.6	79.8	119.8
167	12.8	10.7	16.1

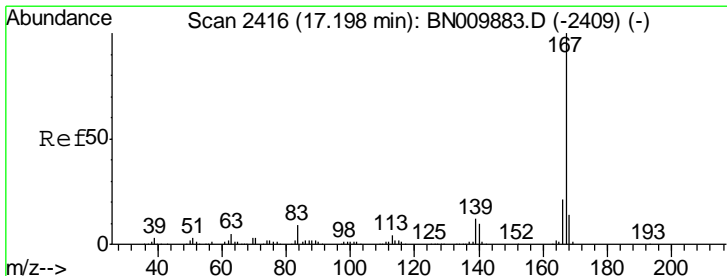
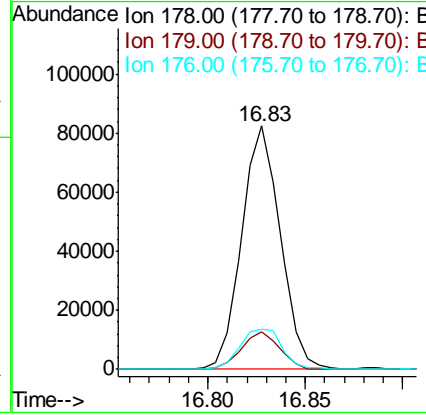
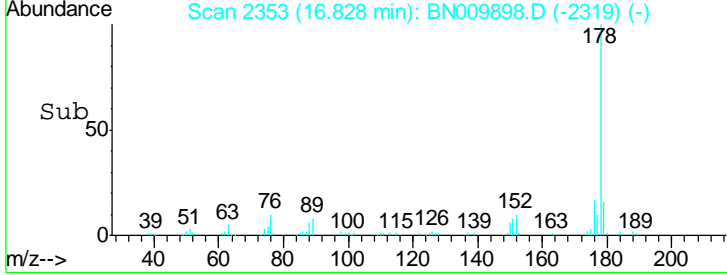
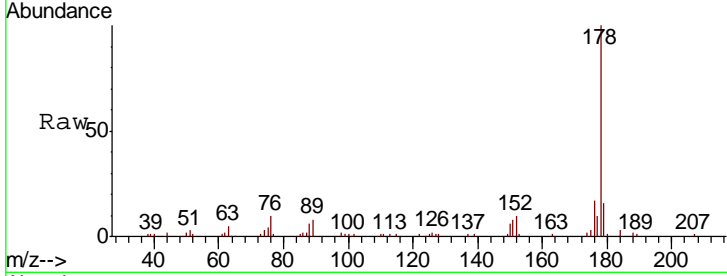




#70
 Phenanthrene
 Concen: 3.982 ng/ul
 RT: 16.83 min Scan# 2353
 Delta R.T. -0.00 min
 Lab File: BN009898.D
 Acq: 25 Feb 2020 13:17

Instrument :
 BNA_N
 ClientSampled :
 DBDJ9DL2

Tgt Ion	Resp	Lower	Upper
178	113212		
179	15.6	12.5	18.7
176	16.6	14.6	22.0



#75
 Carbazole
 Concen: 8.005 ng/ul
 RT: 17.20 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BN009898.D
 Acq: 25 Feb 2020 13:17

Tgt Ion	Resp	Lower	Upper
167	204867		
166	21.5	16.6	24.8
139	13.6	9.9	14.9

