

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
 Data File : BM025000.D
 Acq On : 21 Feb 2020 23:10
 Operator : CG/JU
 Sample : L1486-22DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 DBCX4DL

Manual Integrations
 APPROVED

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 2/24/2020 3:31:03 PM

Quant Time: Feb 22 02:47:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 22 01:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	154637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	641214	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	421959	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	946310	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	1040558	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1234429	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	810m	0.25	ng/uL	0.01
5) Phenol-d5	6.56	99	11047m	1.08	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.70	67	35953	6.20	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	37283	4.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.07	113	20985	2.42	ng/ul	0.01
19) Nitrobenzene-d5	8.48	128	25480	5.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.20	143	24750	4.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.73	165	44791	4.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	3757	0.36	ng/ul	0.02
44) Dimethylphthalate-d6	13.42	166	213656	6.71	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	243502	6.55	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.00	176	192854	6.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	17122	2.78	ng/ul	0.00
71) Anthracene-d10	16.85	188	309459	7.16	ng/ul	0.00
79) Pyrene-d10	19.16	212	374239	7.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.91	264	434594	7.01	ng/ul	0.00

Target Compounds

				Ovalue	
28) Naphthalene	10.15	128	23651633m	721.919	ng/ul
34) 2-Methylnaphthalene	11.77	142	28278	1.172	ng/ul 93
41) 1,1'-Biphenyl	12.82	154	815214	26.171	ng/ul# 99
50) Acenaphthene	14.06	153	1459643	56.097	ng/ul 98
54) Dibenzofuran	14.40	168	2215433	57.118	ng/ul 99
59) Fluorene	15.06	166	39528	1.237	ng/ul# 87
70) Phenanthrene	16.79	178	1005625	19.490	ng/ul 99
75) Carbazole	17.16	167	1572031	36.060	ng/ul 99

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

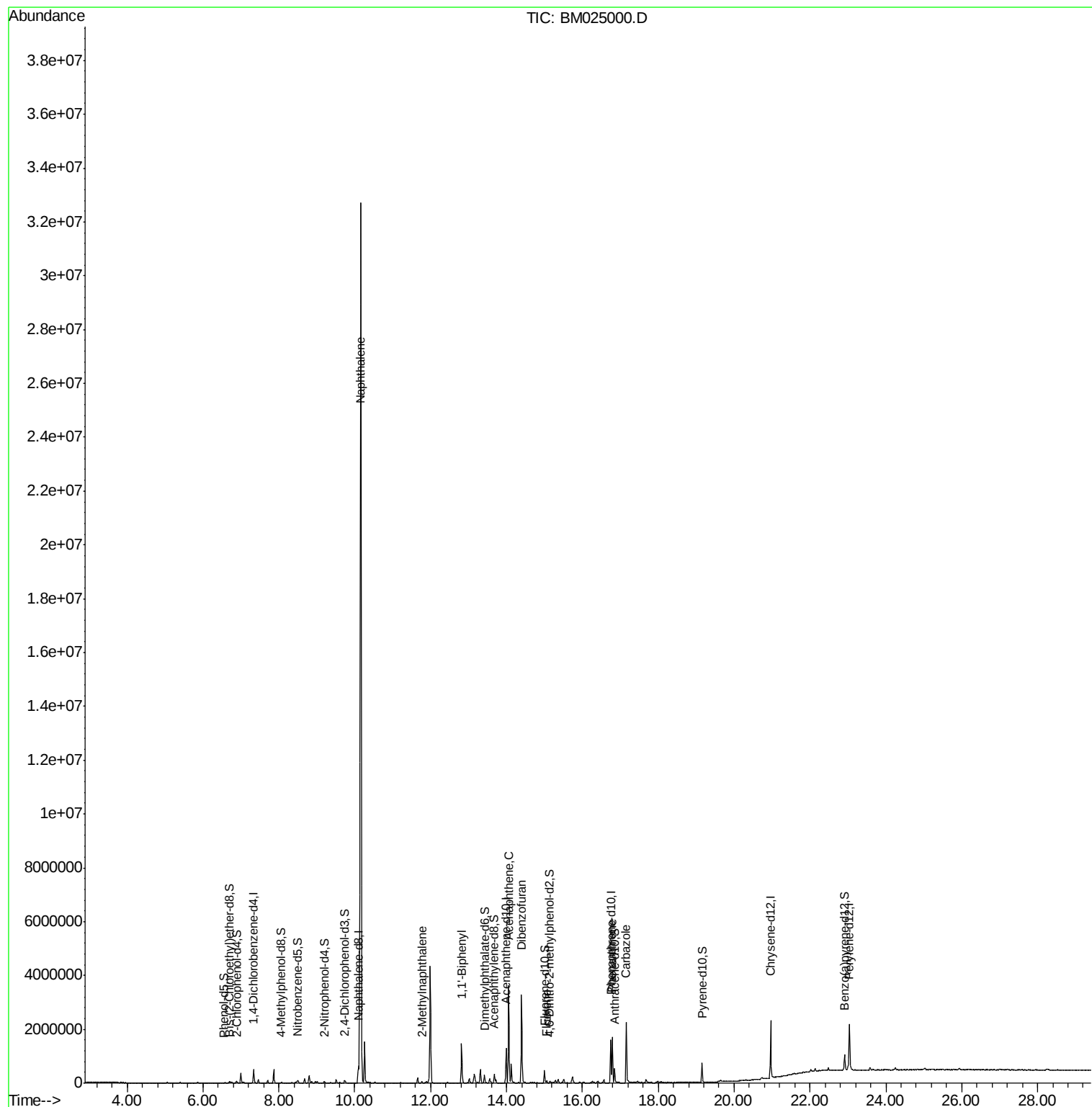
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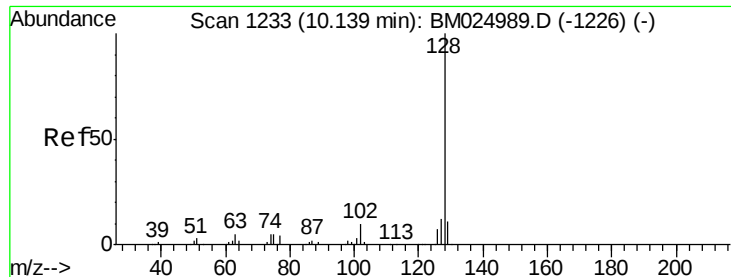
Instrument :
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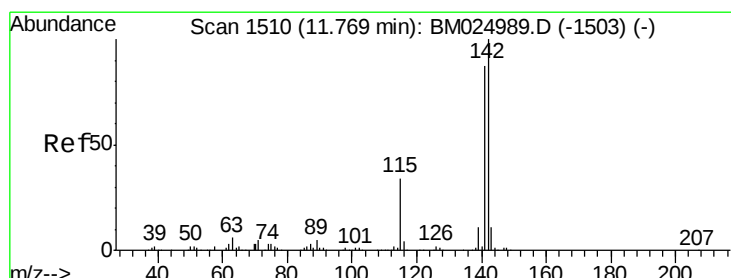
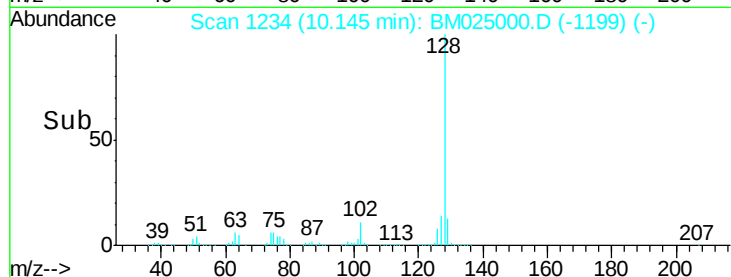
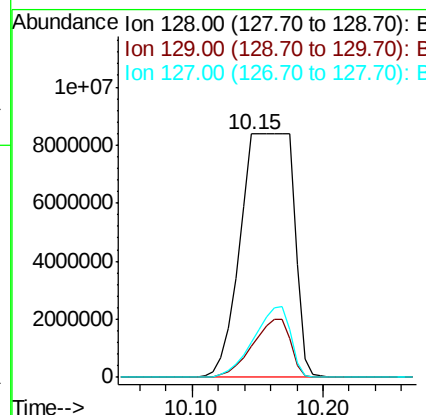
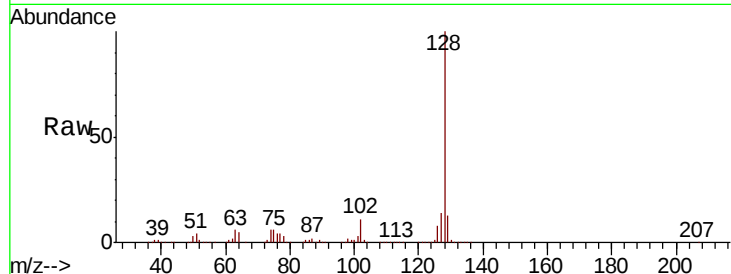
#28
Naphthalene
Concen: 721.919 ng/ul m
RT: 10.15 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BM025000.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_M
ClientSampled :
DBCX4DL

Tot Ion:128 Resp:23651633
Ion Ratio Lower Upper
128 100
129 12.7 9.1 13.7
127 14.4 10.4 15.6

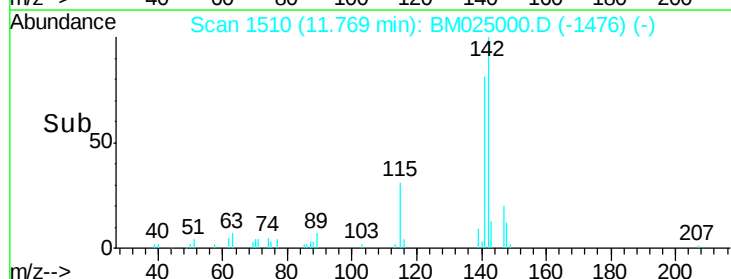
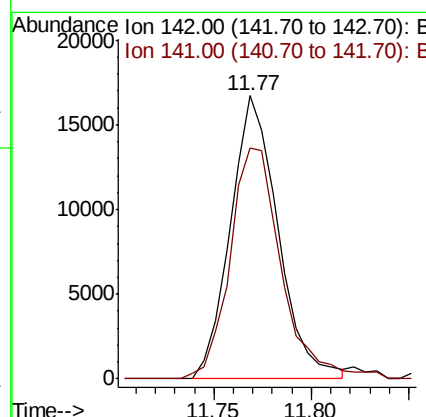
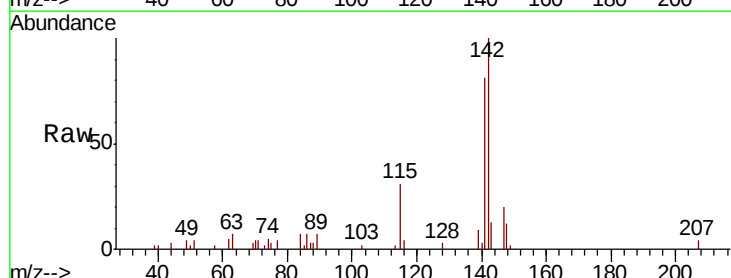
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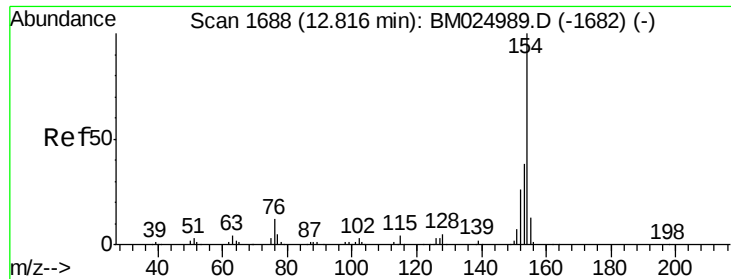
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#34
2-Methylnaphthalene
Concen: 1.172 ng/ul
RT: 11.77 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BM025000.D
Acq: 21 Feb 2020 23:10

Tgt Ion:142 Resp: 28278
Ion Ratio Lower Upper
142 100
141 81.5 70.5 105.7





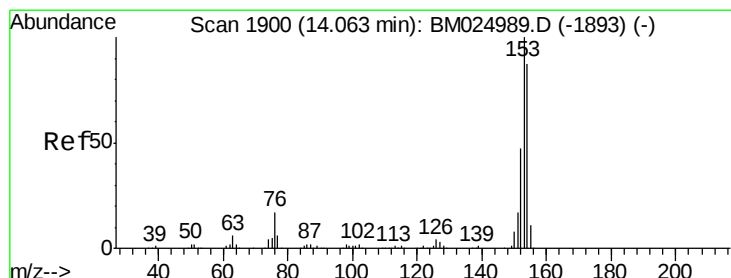
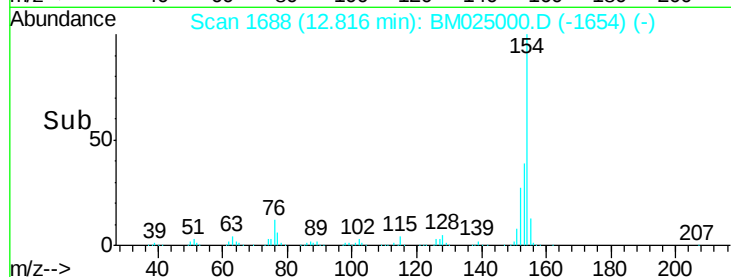
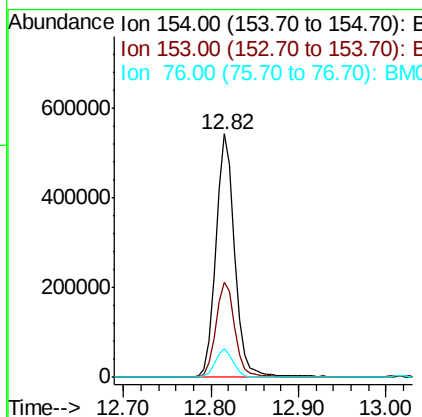
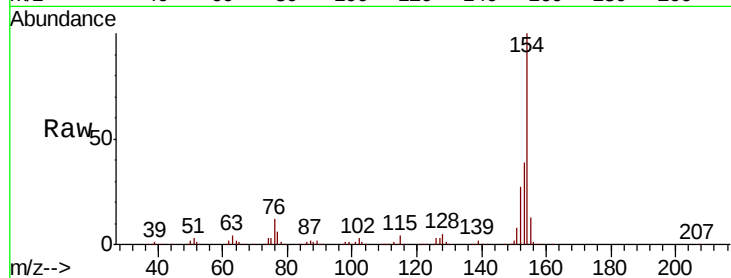
#41
 1,1'-Biphenyl
 Concen: 26.171 ng/ul
 RT: 12.82 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BM025000.D
 Acq: 21 Feb 2020 23:10

Instrument :
 BNA_M
 ClientSampleId :
 DBCX4DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.2	31.4	47.2
76	11.7	7.5	11.3

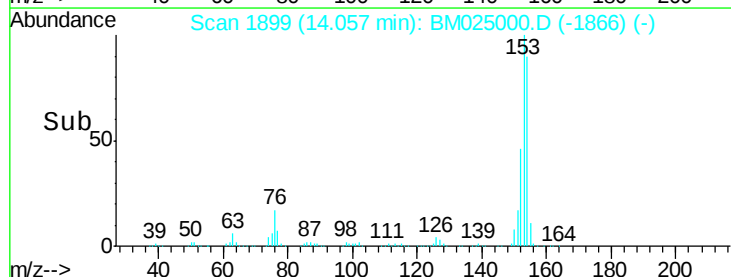
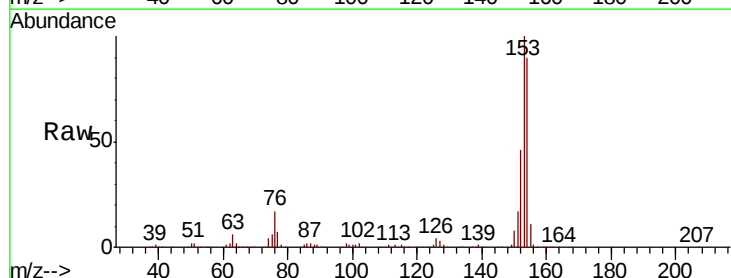
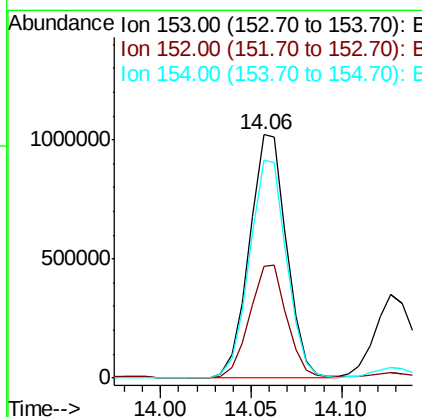
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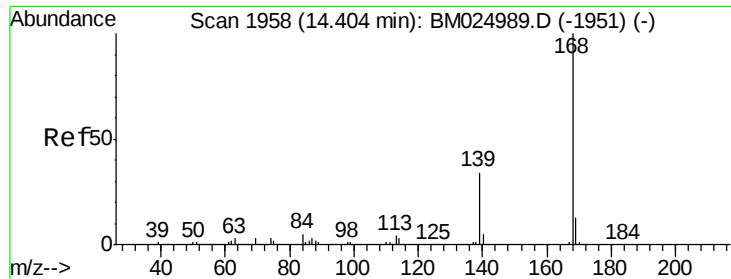
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#50
 Acenaphthene
 Concen: 56.097 ng/ul
 RT: 14.06 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BM025000.D
 Acq: 21 Feb 2020 23:10

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.3	55.9
154	89.8	74.1	111.1





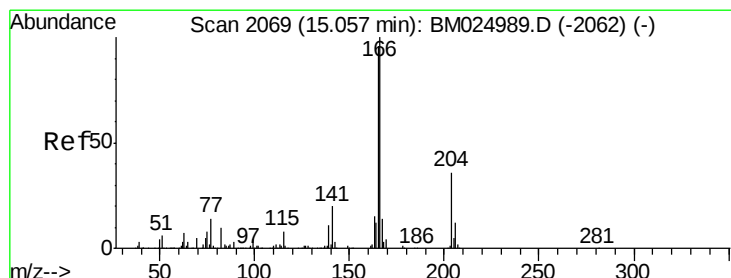
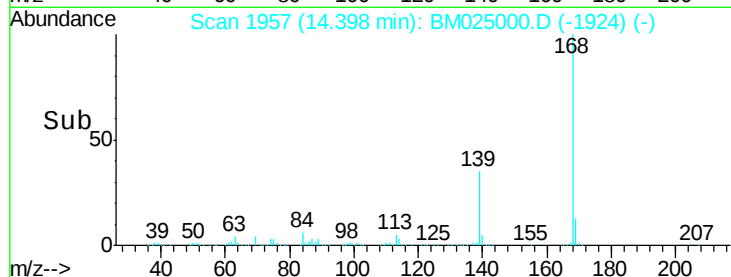
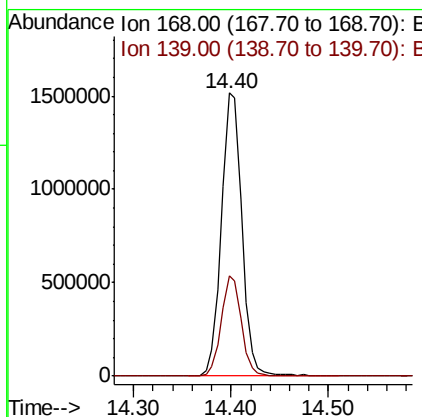
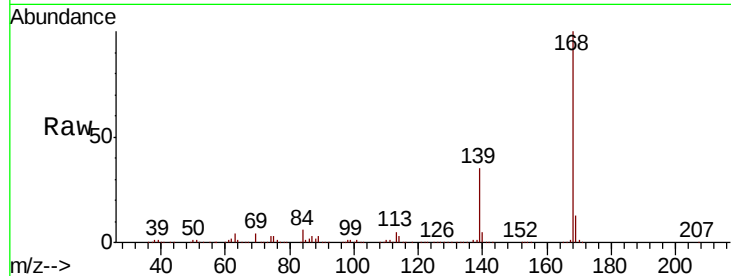
#54
Dibenzenofuran
Concen: 57.118 ng/ul
RT: 14.40 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BM025000.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_M
ClientSampleId :
DBCX4DL

Tot Ion:168 Resp: 2215433
Ion Ratio Lower Upper
168 100
139 35.4 27.8 41.8

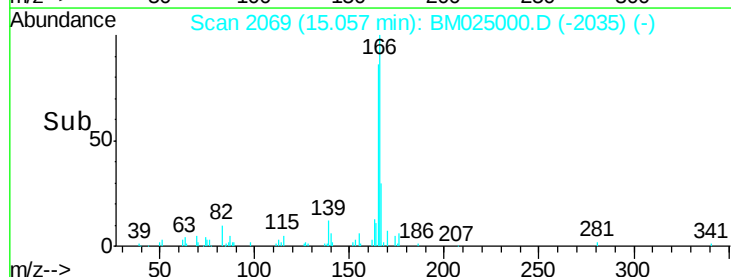
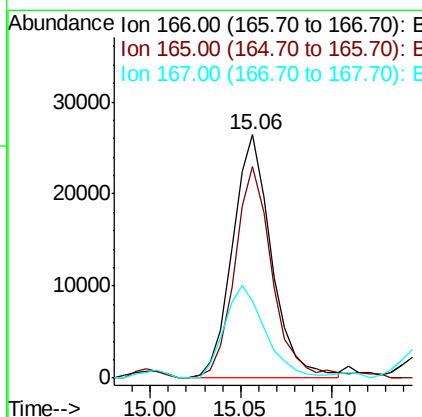
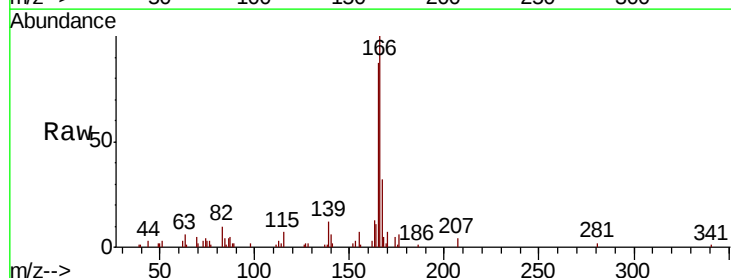
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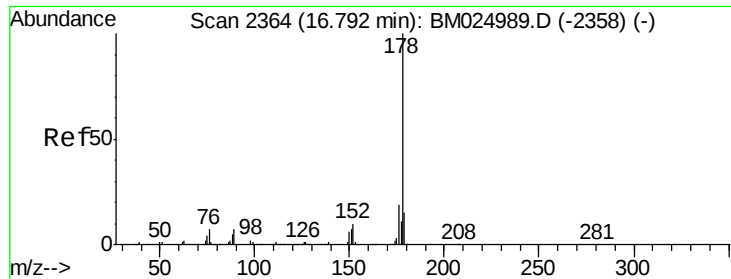
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#59
Fluorene
Concen: 1.237 ng/ul
RT: 15.06 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BM025000.D
Acq: 21 Feb 2020 23:10

Tgt Ion:166 Resp: 39528
Ion Ratio Lower Upper
166 100
165 87.0 75.8 113.8
167 31.7 10.6 16.0#





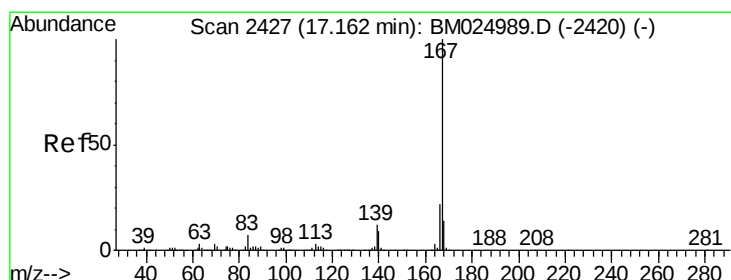
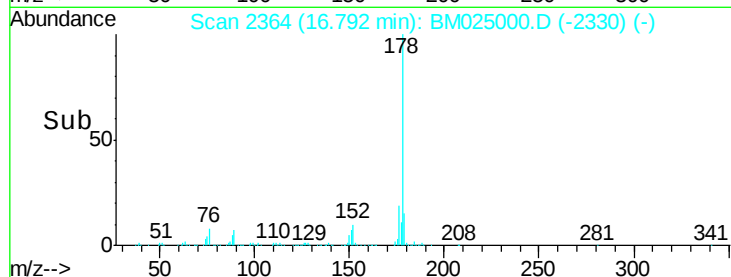
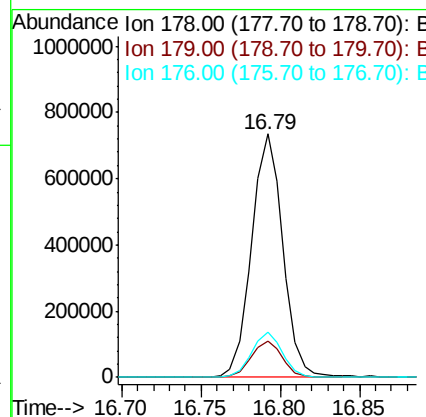
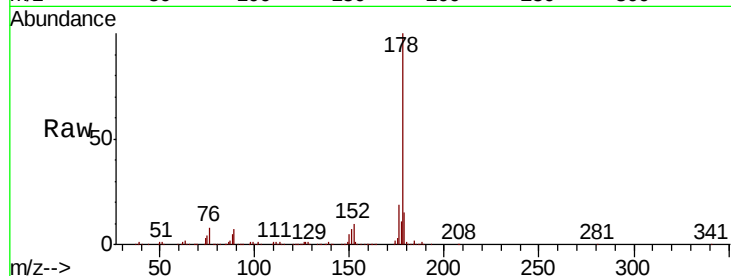
#70
Phenanthrene
Concen: 19.490 ng/ul
RT: 16.79 min Scan# 2364
Delta R.T. 0.00 min
Lab File: BM025000.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_M
ClientSampleId :
DBCX4DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.2
176	18.6	14.5	21.7

Manual Integrations
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#75
Carbazole
Concen: 36.060 ng/ul
RT: 17.16 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BM025000.D
Acq: 21 Feb 2020 23:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.6	24.8
139	11.6	9.3	13.9

