

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040320\
 Data File : BN010403.D
 Acq On : 03 Apr 2020 09:28
 Operator : CG/JU
 Sample : L2095-01DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBF16DL

Quant Time: Apr 03 11:05:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 03 10:35:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	414703	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1776256	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1243279	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	2880609	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	3324720	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	3710294	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	6944	0.79	ng/uL	0.00
5) Phenol-d5	6.79	99	136624	3.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	308424	17.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	407560	14.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	265920	9.10	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	238004	18.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	244997	17.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	514325	17.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	486969	14.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	1863503	19.86	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	2108003	19.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	44721	2.54	ng/ul	0.00
58) Fluorene-d10	15.23	176	1679711	20.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	73812	4.48	ng/ul	0.00
71) Anthracene-d10	17.08	188	2697001	20.39	ng/ul	0.00
79) Pyrene-d10	19.38	212	3203990	18.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	3804559	20.61	ng/ul	0.00

Target Compounds

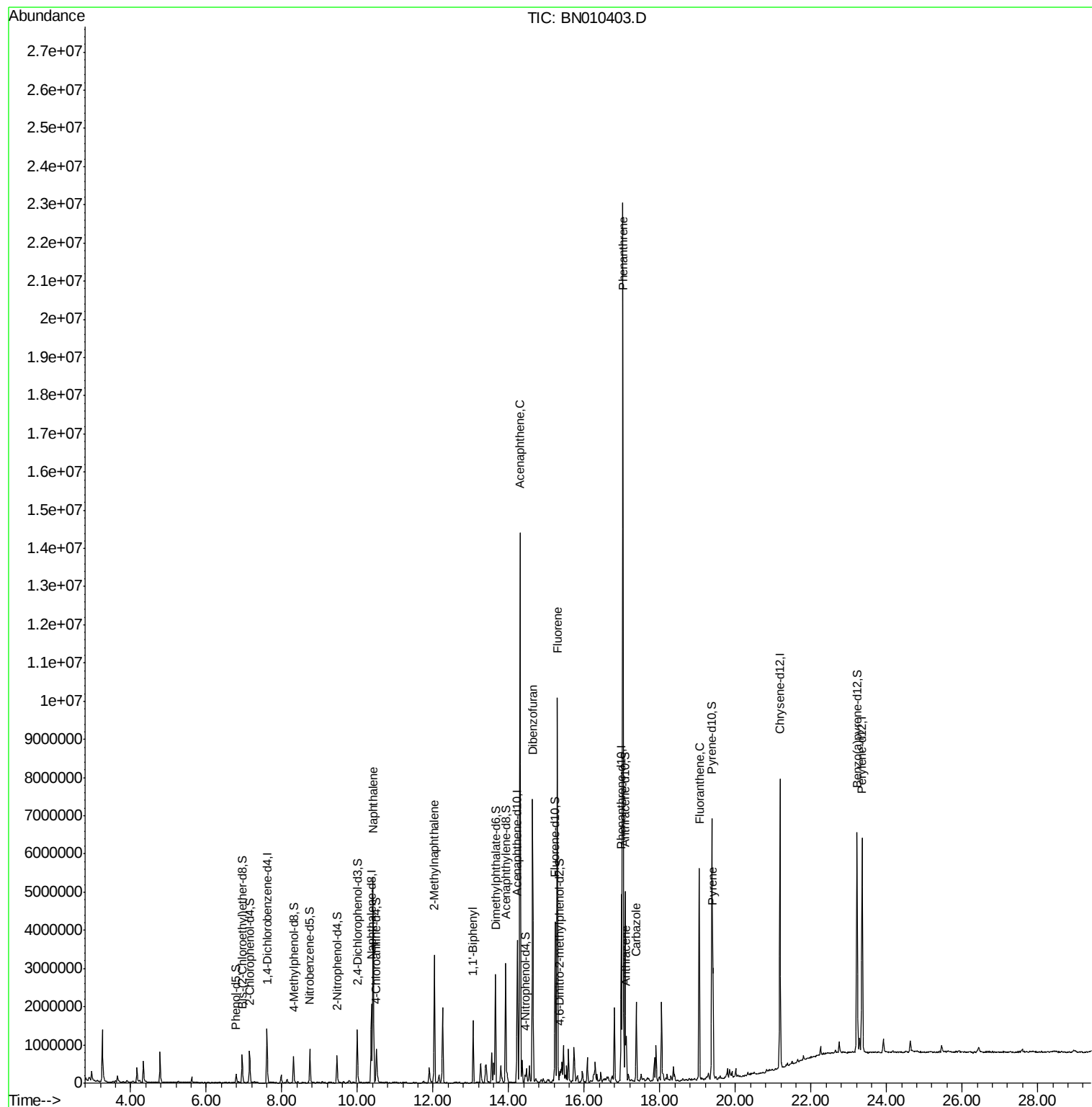
					Ovalue
28) Naphthalene	10.42	128	4435926	46.422	ng/ul 99
34) 2-Methylnaphthalene	12.03	142	1546263	22.273	ng/ul 99
41) 1,1'-Biphenyl	13.06	154	869948	9.195	ng/ul 97
50) Acenaphthene	14.30	153	5946670	73.220	ng/ul 98
54) Dibenzofuran	14.63	168	4823834	42.168	ng/ul 99
59) Fluorene	15.29	166	4424568	47.525	ng/ul 99
70) Phenanthrene	17.02	178	13400315	83.953	ng/ul 96
72) Anthracene	17.11	178	829729	5.198	ng/ul 100
75) Carbazole	17.38	167	1237135	9.319	ng/ul 99
77) Fluoranthene	19.05	202	3433567	20.199	ng/ul 98
80) Pyrene	19.40	202	2024067	9.105	ng/ul 99

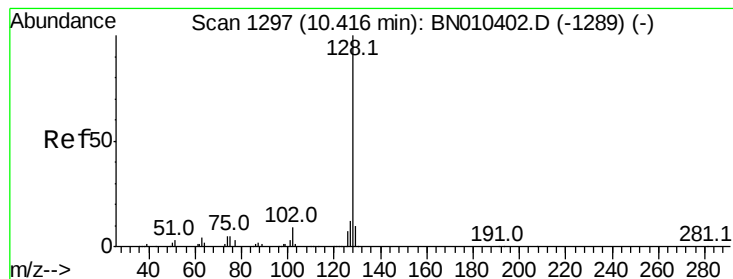
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 03 10:35:52 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 46.422 ng/ul

RT: 10.42 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN010403.D

Acq: 03 Apr 2020 09:28

Instrument :

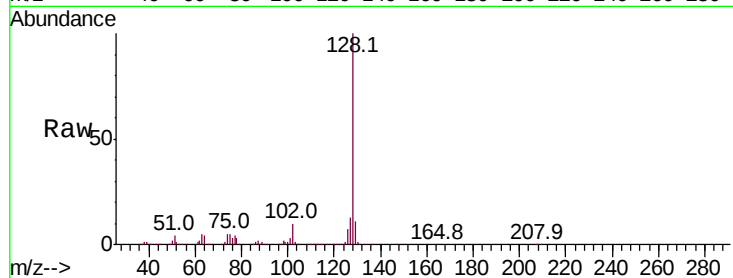
BNA_N

ClientSampleId :

DBF16DL

Tot Ion:128 Resp: 4435926

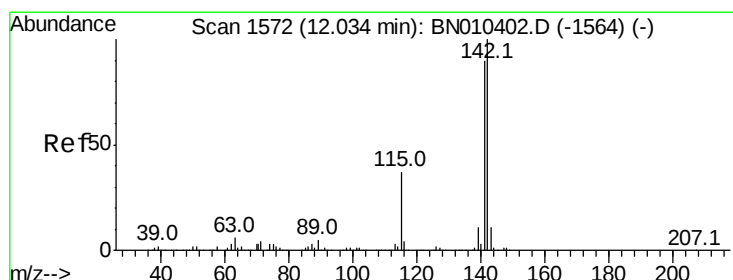
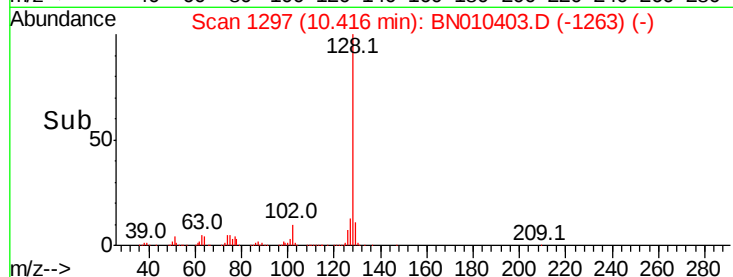
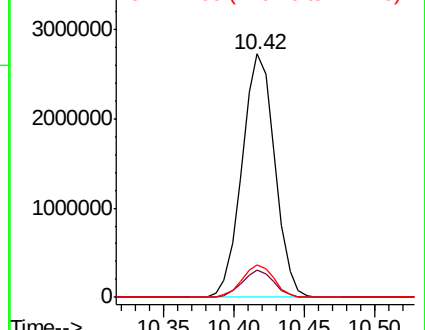
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.3	10.8	16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 22.273 ng/ul

RT: 12.03 min Scan# 1572

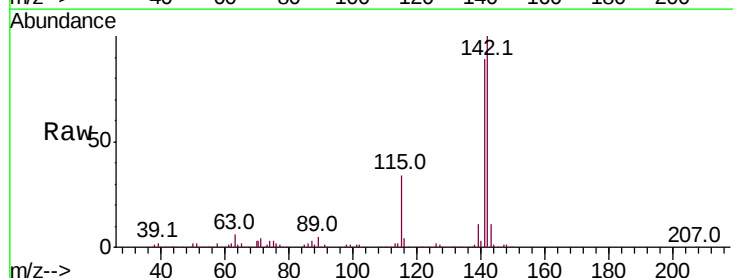
Delta R.T. 0.00 min

Lab File: BN010403.D

Acq: 03 Apr 2020 09:28

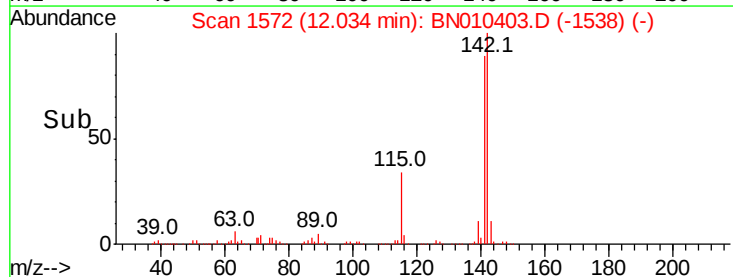
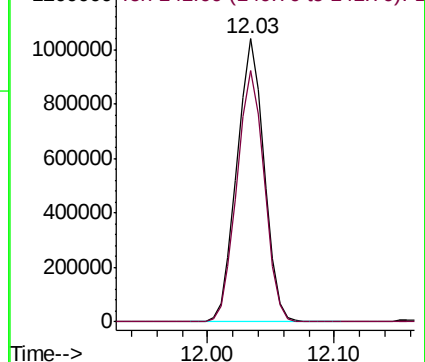
Tgt Ion:142 Resp: 1546263

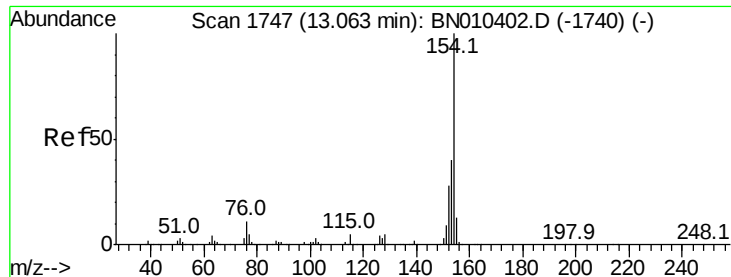
Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.1	108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#41

1,1'-Biphenyl

Concen: 9.195 ng/ul

RT: 13.06 min Scan# 1747

Delta R.T. 0.00 min

Lab File: BN010403.D

Acq: 03 Apr 2020 09:28

Instrument :

BNA_N

ClientSampleId :

DBF16DL

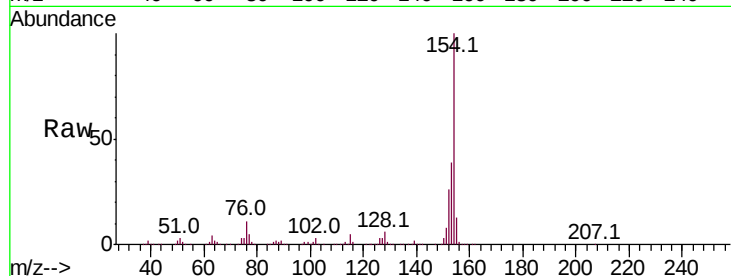
Tot Ion:154 Resp: 869948

Ion Ratio Lower Upper

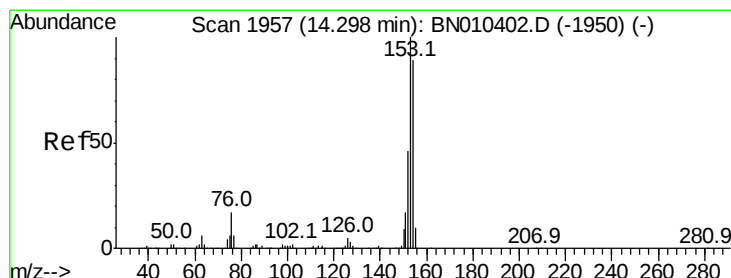
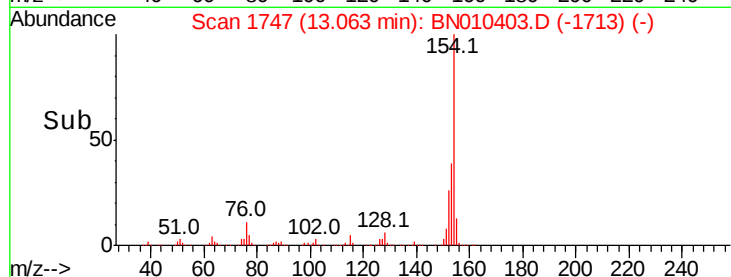
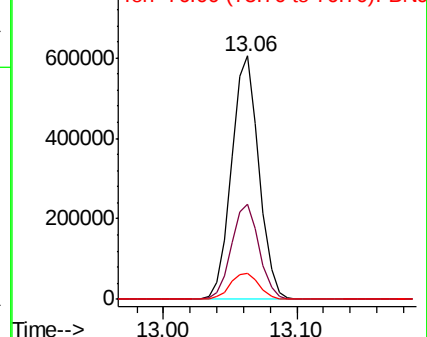
154 100

153 39.3 32.6 49.0

76 10.5 9.4 14.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNC



#50

Acenaphthene

Concen: 73.220 ng/ul

RT: 14.30 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BN010403.D

Acq: 03 Apr 2020 09:28

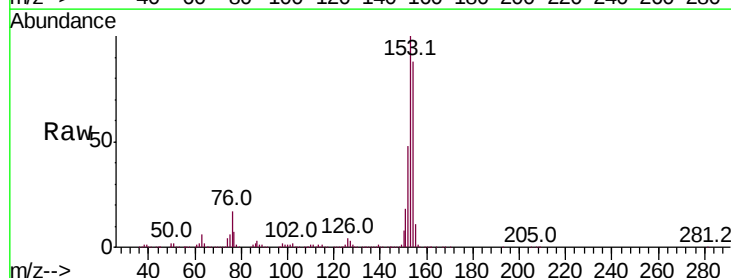
Tgt Ion:153 Resp: 5946670

Ion Ratio Lower Upper

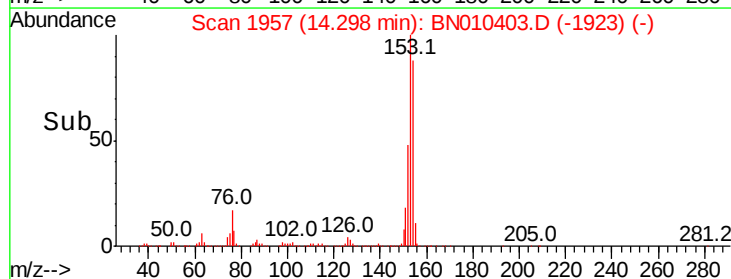
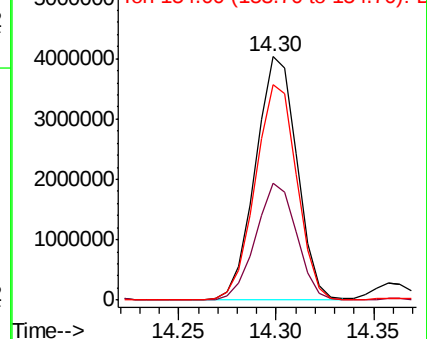
153 100

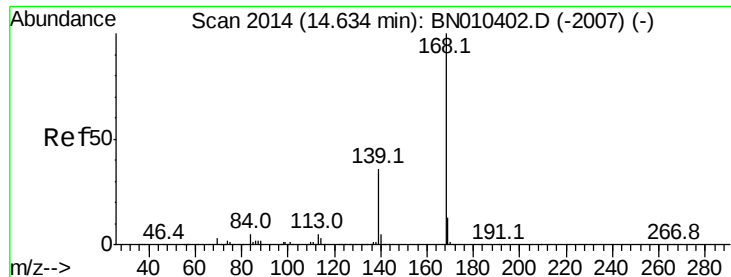
152 47.8 37.8 56.6

154 88.3 69.1 103.7



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: 42.168 ng/ul

RT: 14.63 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BN010403.D

Acq: 03 Apr 2020 09:28

Instrument :

BNA_N

ClientSampleId :

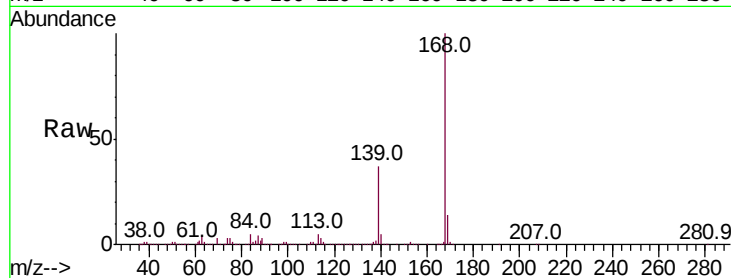
DBF16DL

Tot Ion:168 Resp: 4823834

Ion Ratio Lower Upper

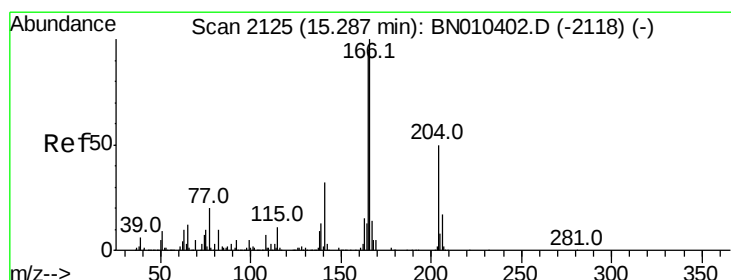
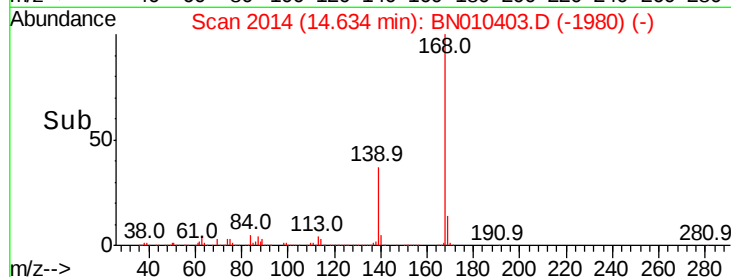
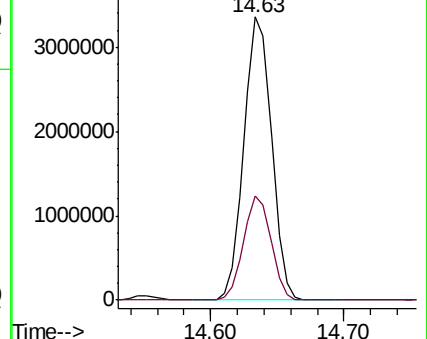
168 100

139 36.8 29.0 43.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 47.525 ng/ul

RT: 15.29 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BN010403.D

Acq: 03 Apr 2020 09:28

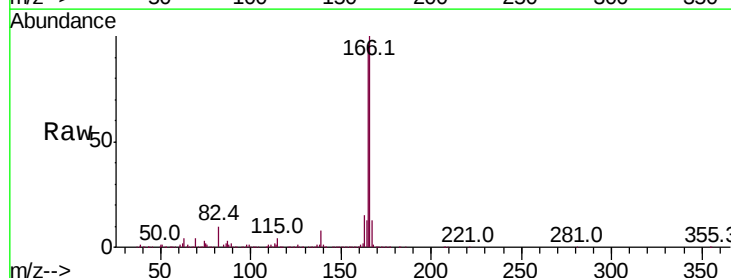
Tgt Ion:166 Resp: 4424568

Ion Ratio Lower Upper

166 100

165 95.8 77.6 116.4

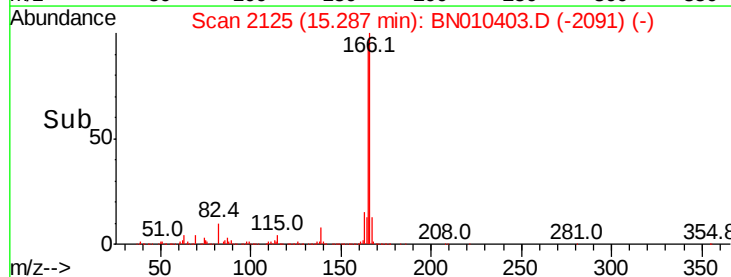
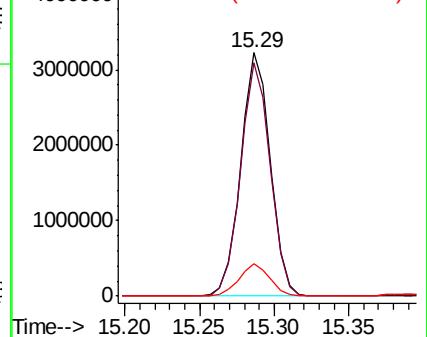
167 13.1 10.7 16.1

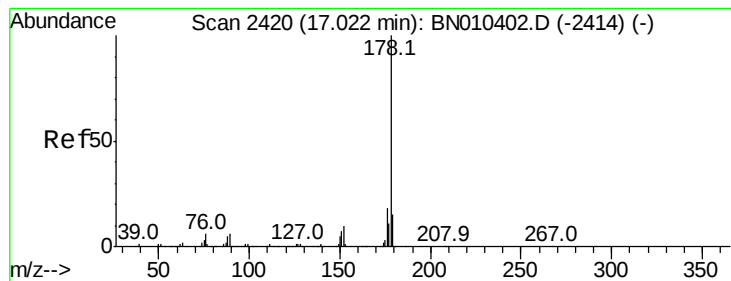


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 83.953 ng/ul

RT: 17.02 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BN010403.D

Acq: 03 Apr 2020 09:28

Instrument :

BNA_N

ClientSampleId :

DBF16DL

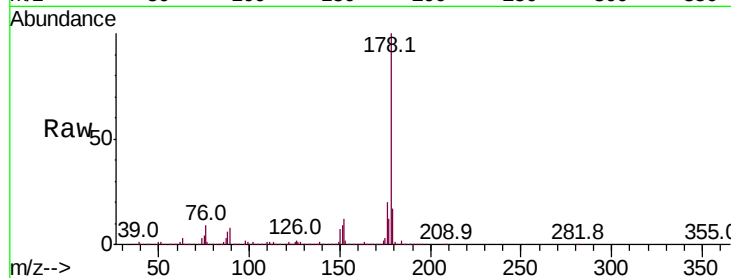
Tot Ion:178 Resp:13400315

Ion Ratio Lower Upper

178 100

179 17.2 11.9 17.9

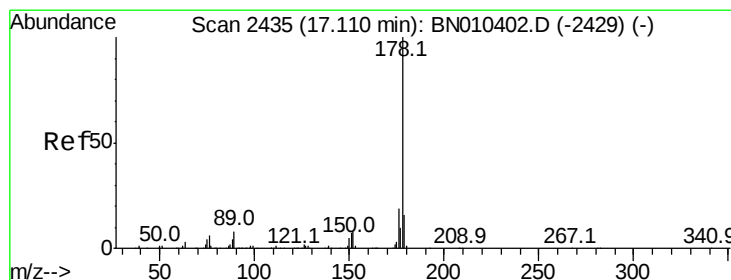
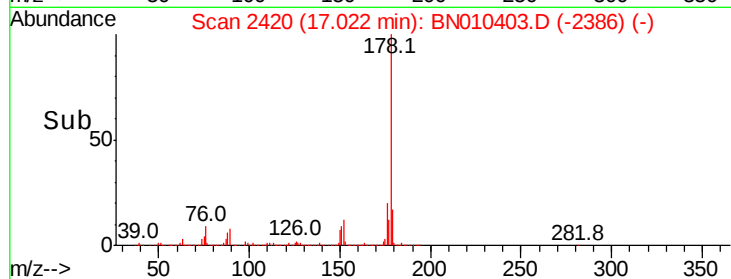
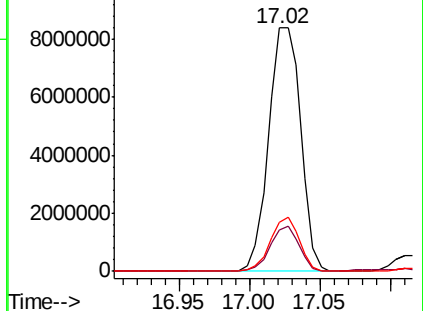
176 20.4 15.4 23.2



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: 5.198 ng/ul

RT: 17.11 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BN010403.D

Acq: 03 Apr 2020 09:28

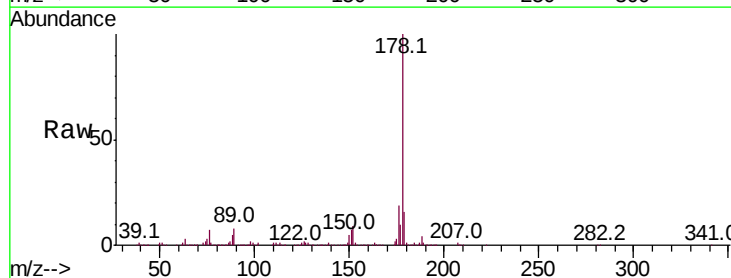
Tgt Ion:178 Resp: 829729

Ion Ratio Lower Upper

178 100

179 15.9 12.9 19.3

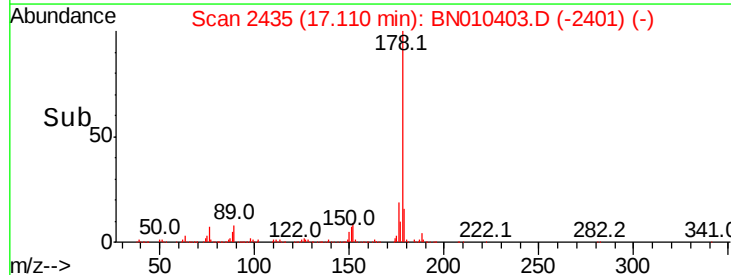
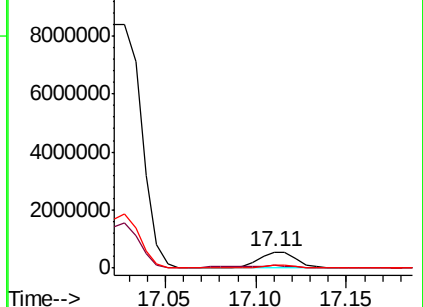
176 18.9 15.2 22.8

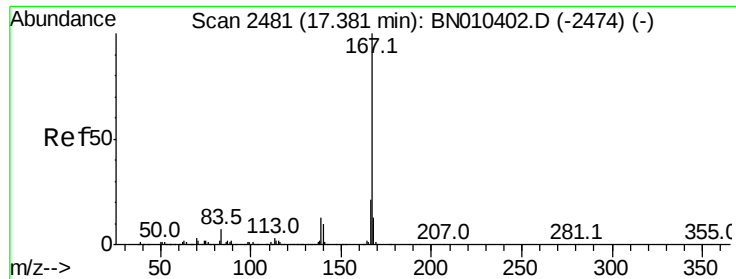


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



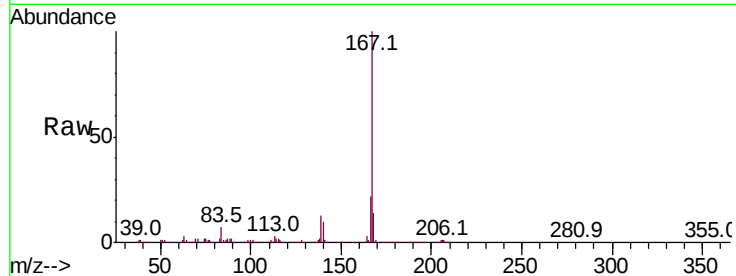


#75
 Carbazole
 Concen: 9.319 ng/ul
 RT: 17.38 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BN010403.D
 Acq: 03 Apr 2020 09:28

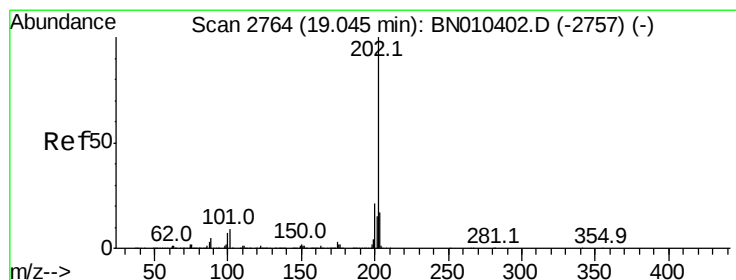
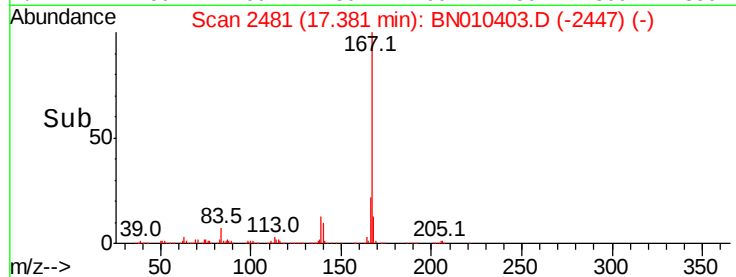
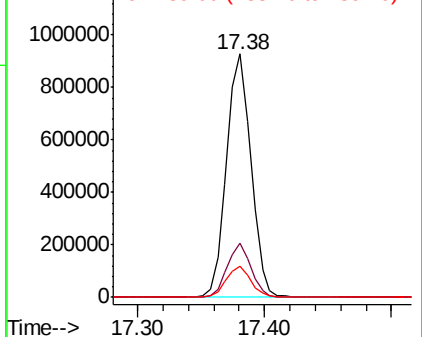
Instrument :
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Tot Ion:167 Resp: 1237135

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.3	25.9
139	12.9	10.0	15.0



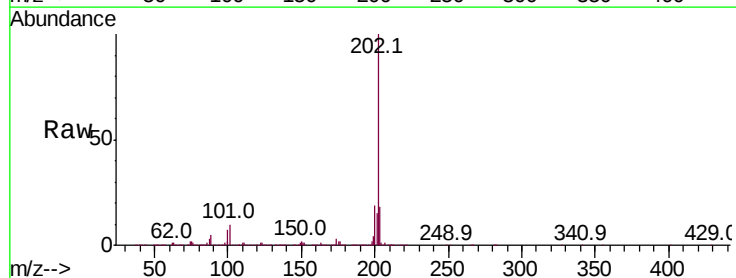
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



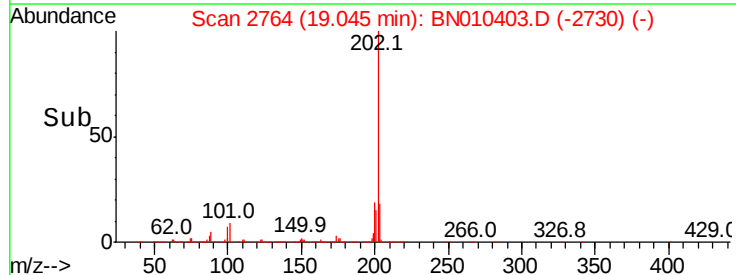
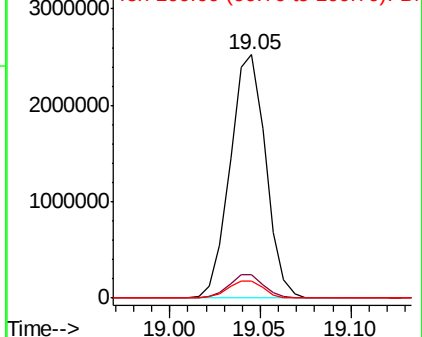
#77
 Fluoranthene
 Concen: 20.199 ng/ul
 RT: 19.05 min Scan# 2764
 Delta R.T. 0.00 min
 Lab File: BN010403.D
 Acq: 03 Apr 2020 09:28

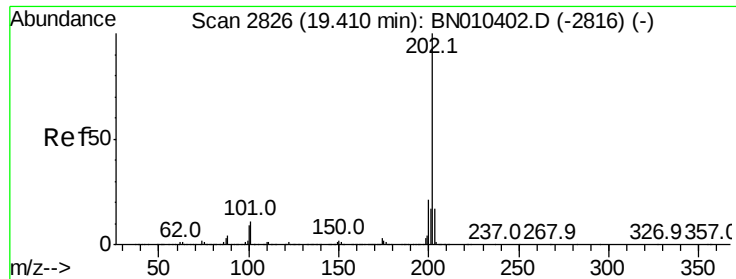
Tgt Ion:202 Resp: 3433567

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.1	12.1
100	7.1	6.2	9.4



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 9.105 ng/ul

RT: 19.40 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BN010403.D

Acq: 03 Apr 2020 09:28

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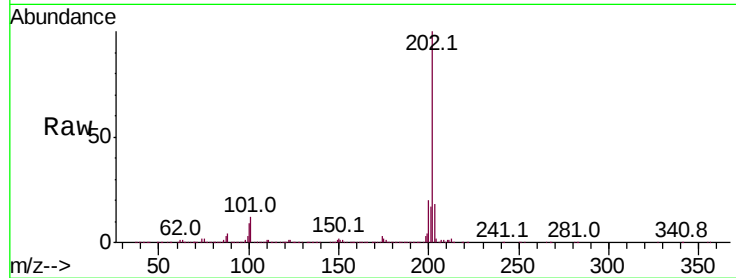
Tot Ion:202 Resp: 2024067

Ion Ratio Lower Upper

202 100

101 11.5 9.6 14.4

100 9.5 8.1 12.1



Abundance Ion 202.00 (201.70 to 202.70): E

2000000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

