

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
 Data File : BM023749.D
 Acq On : 15 Nov 2019 11:24
 Operator : JU
 Sample : K5700-15DL 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEGY7DL

Quant Time: Nov 15 12:36:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 07:53:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	364089	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1465337	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	917764	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1962367	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1996763	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2346012	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	344	0.04	ng/uL	-0.01
5) Phenol-d5	6.72	99	12569	0.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	43234	2.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	41099	1.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	25166	0.95	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	27985	2.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	26484	2.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	52849	2.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	19135	0.69	ng/ul	0.02
44) Dimethylphthalate-d6	13.60	166	198741	2.78	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	207996	2.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	2609	0.21	ng/ul	0.03
58) Fluorene-d10	15.18	176	175389	2.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	13678	1.20	ng/ul	0.00
71) Anthracene-d10	17.03	188	273223	2.94	ng/ul	0.00
79) Pyrene-d10	19.33	212	307051	2.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	349202	2.83	ng/ul	0.00

Target Compounds

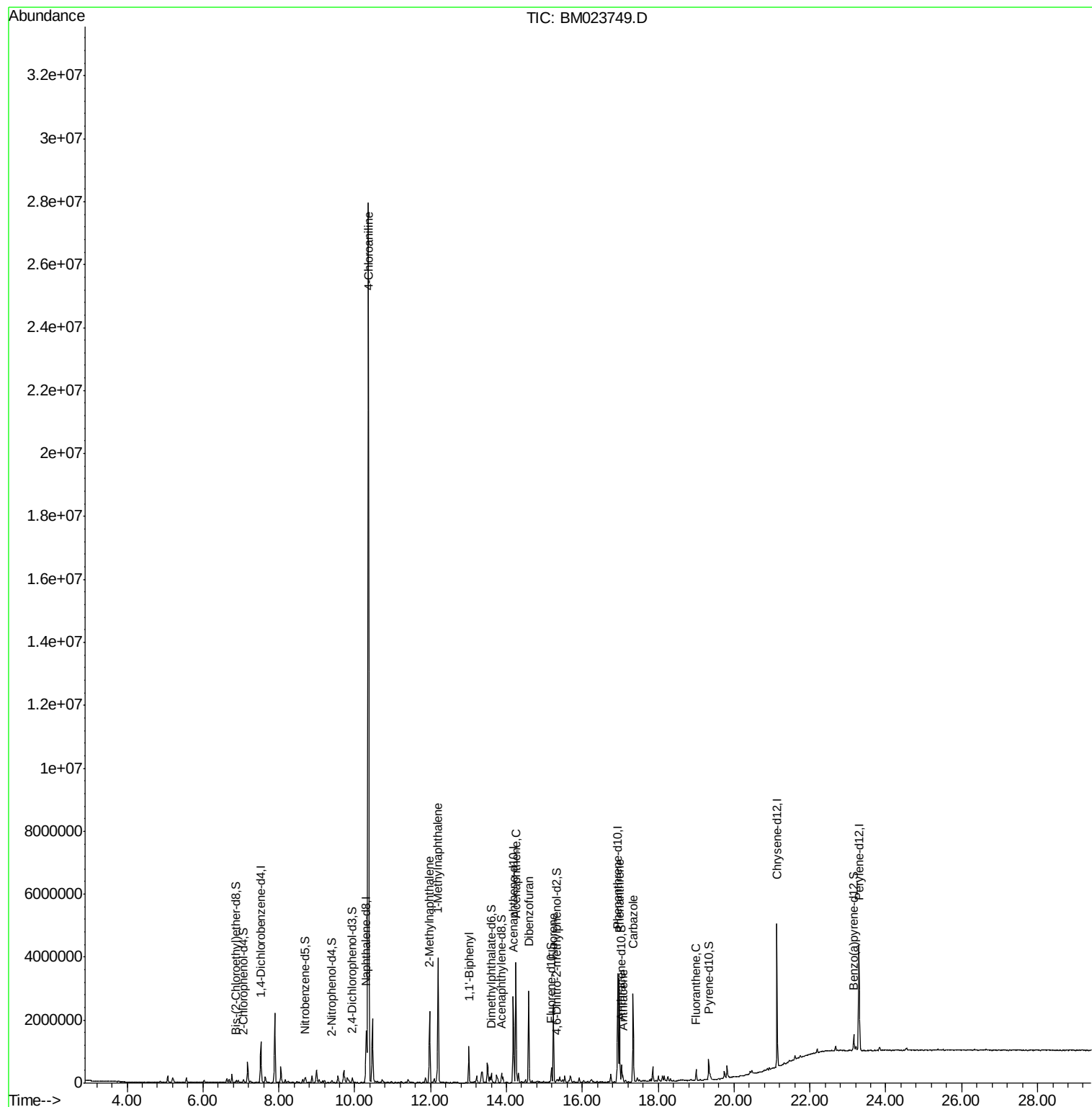
					Qvalue	
30) 4-Chloroaniline	10.36	127	3610824	127.262	ng/ul#	10
34) 2-Methylnaphthalene	11.97	142	1089288	18.489	ng/ul	99
35) 1-Methylnaphthalene	12.20	142	1817073	31.271	ng/ul	99
41) 1,1'-Biphenyl	13.01	154	626039	8.843	ng/ul	99
50) Acenaphthene	14.25	153	1538881	26.372	ng/ul	99
54) Dibenzofuran	14.59	168	1845264	21.362	ng/ul	100
59) Fluorene	15.24	166	1080777	15.422	ng/ul	100
70) Phenanthrene	16.97	178	1894920	17.531	ng/ul	100
72) Anthracene	17.07	178	139538	1.284	ng/ul	99
75) Carbazole	17.34	167	1719884	18.983	ng/ul	100
77) Fluoranthene	19.00	202	202056	1.745	ng/ul	96

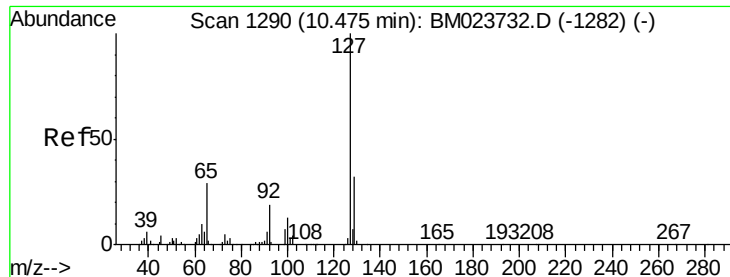
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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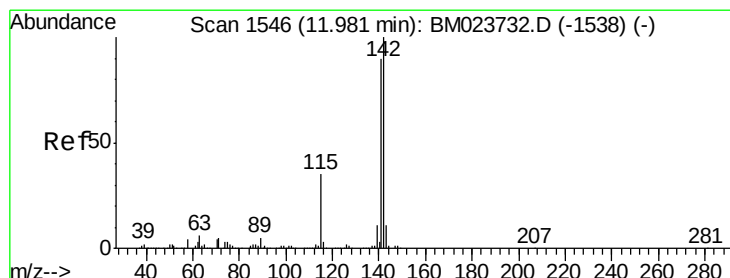
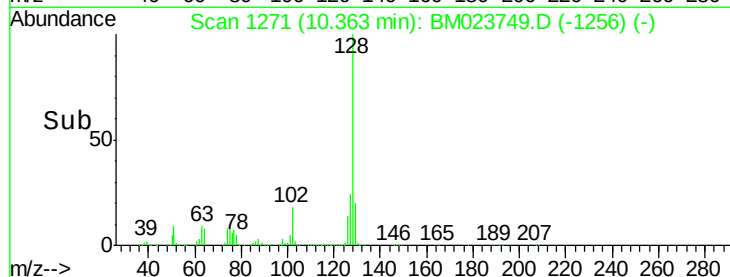
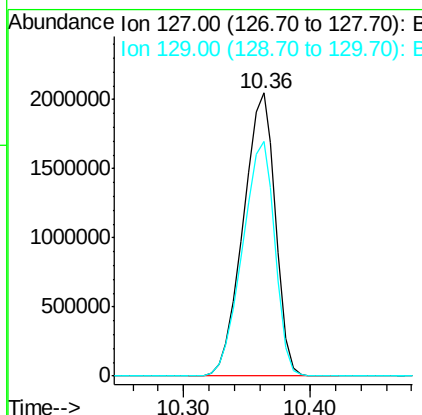
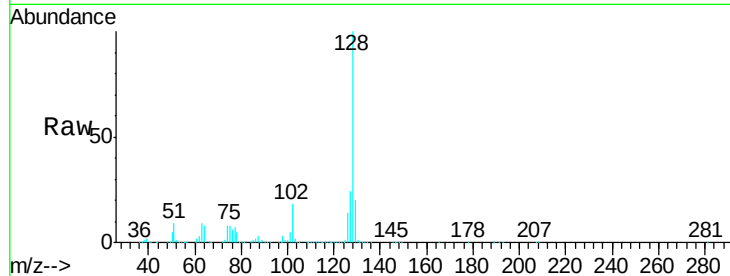




#30
 4-Chloroaniline
 Concen: 127.262 ng/ul
 RT: 10.36 min Scan# 1271
 Delta R.T. -0.11 min
 Lab File: BM023749.D
 Acq: 15 Nov 2019 11:24

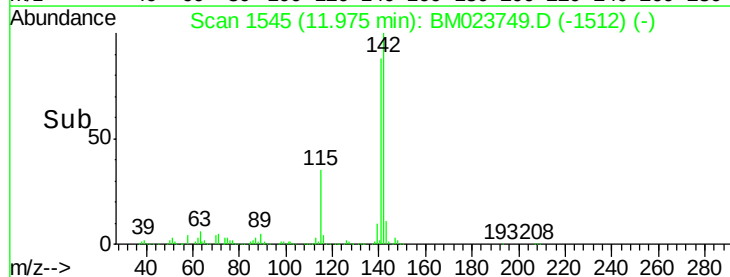
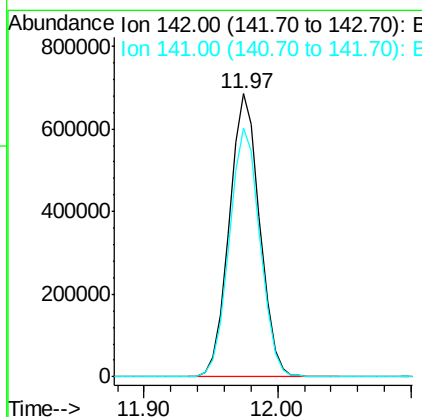
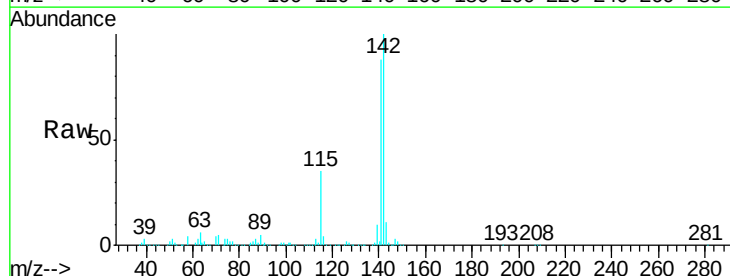
Instrument :
 BNA_M
 ClientSampleId :
 BEGY7DL

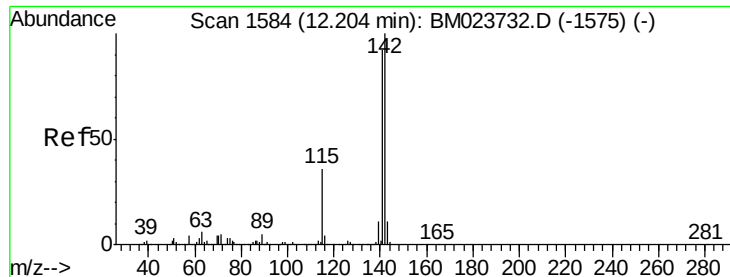
Tgt Ion:127 Resp: 3610824
 Ion Ratio Lower Upper
 127 100
 129 83.0 26.1 39.1#



#34
 2-Methylnaphthalene
 Concen: 18.489 ng/ul
 RT: 11.97 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BM023749.D
 Acq: 15 Nov 2019 11:24

Tgt Ion:142 Resp: 1089288
 Ion Ratio Lower Upper
 142 100
 141 87.8 69.8 104.8





#35

1-Methylnaphthalene

Concen: 31.271 ng/ul

RT: 12.20 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BM023749.D

Acq: 15 Nov 2019 11:24

Instrument :

BNA_M

ClientSampleId :

BEGY7DL

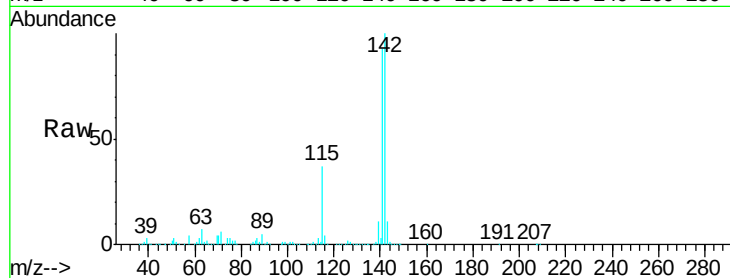
Tgt Ion:142 Resp: 1817073

Ion Ratio Lower Upper

142 100

141 92.6 74.6 112.0

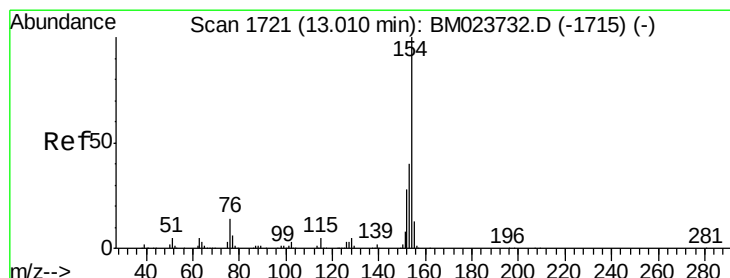
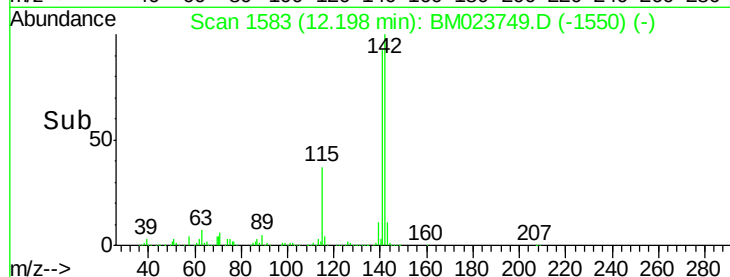
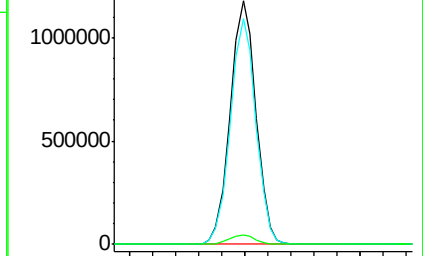
116 4.1 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#41

1,1'-Biphenyl

Concen: 8.843 ng/ul

RT: 13.01 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BM023749.D

Acq: 15 Nov 2019 11:24

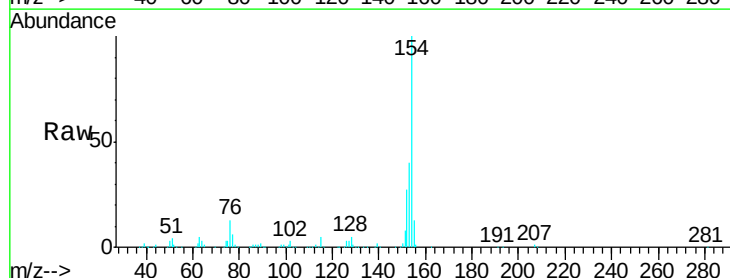
Tgt Ion:154 Resp: 626039

Ion Ratio Lower Upper

154 100

153 39.7 32.3 48.5

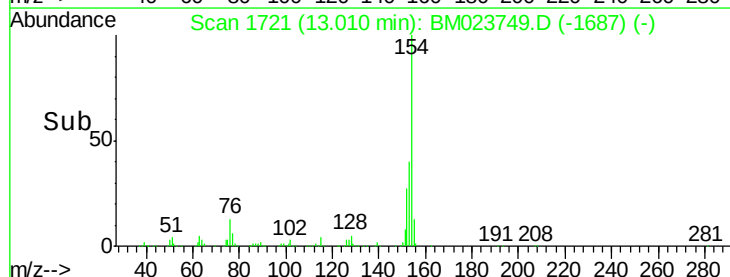
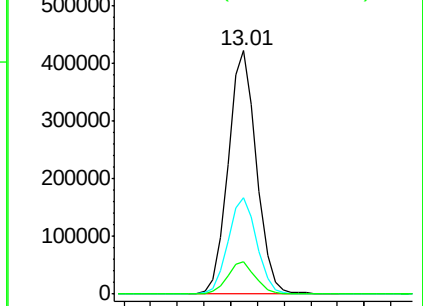
76 13.2 10.6 15.8

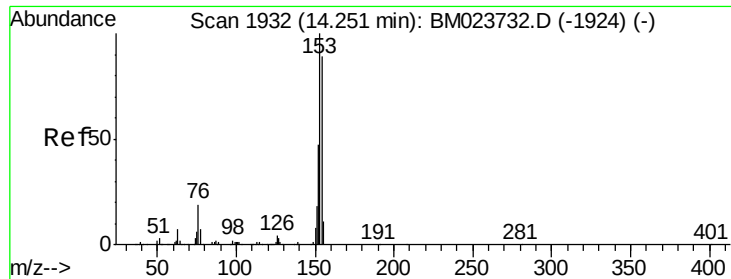


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





#50

Acenaphthene

Concen: 26.372 ng/ul

RT: 14.25 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BM023749.D

Acq: 15 Nov 2019 11:24

Instrument :

BNA_M

ClientSampleId :

BEGY7DL

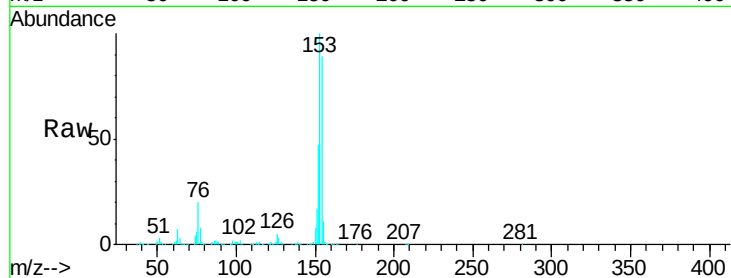
Tgt Ion:153 Resp: 1538881

Ion Ratio Lower Upper

153 100

152 46.7 37.7 56.5

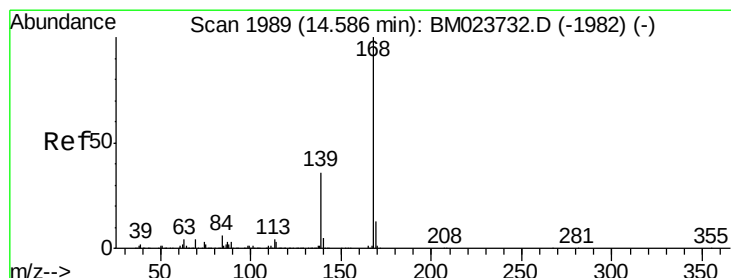
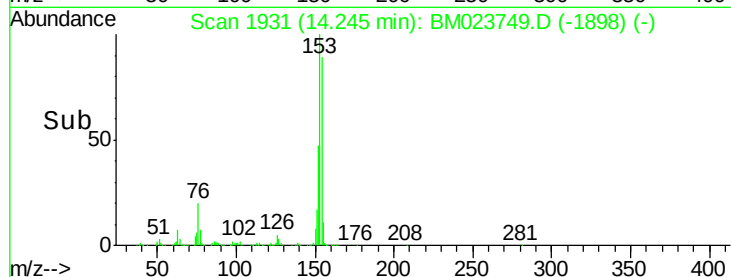
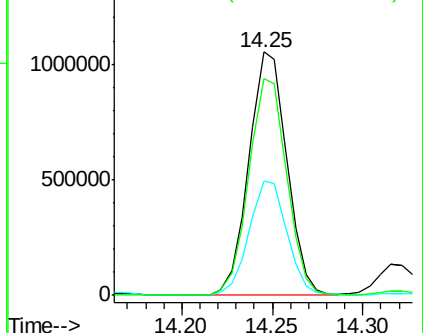
154 89.1 70.6 106.0



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: 21.362 ng/ul

RT: 14.59 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BM023749.D

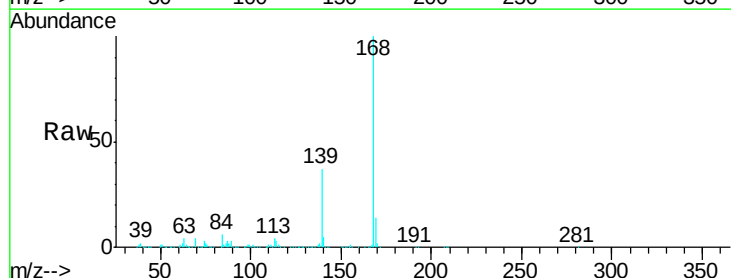
Acq: 15 Nov 2019 11:24

Tgt Ion:168 Resp: 1845264

Ion Ratio Lower Upper

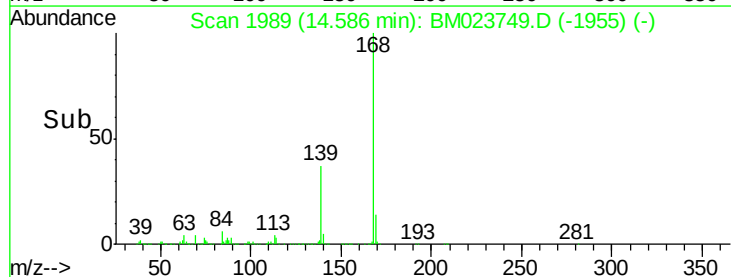
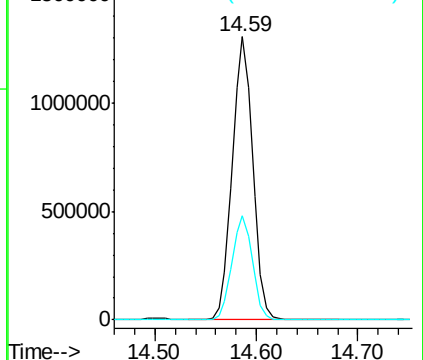
168 100

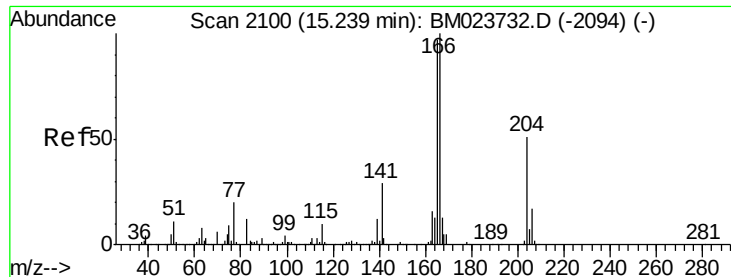
139 36.7 29.3 43.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

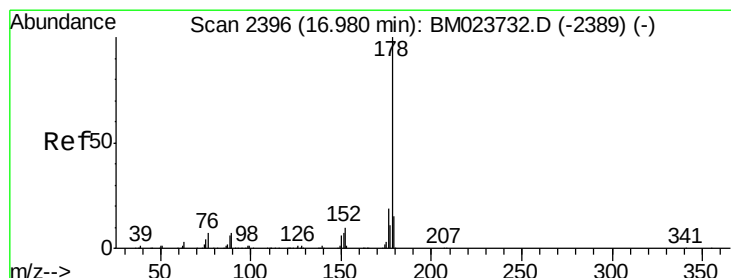
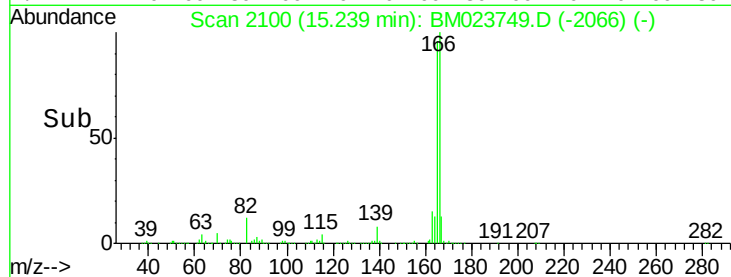
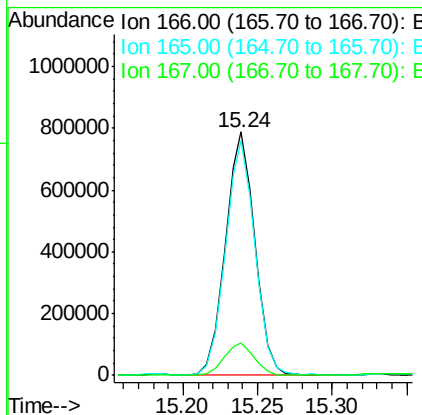
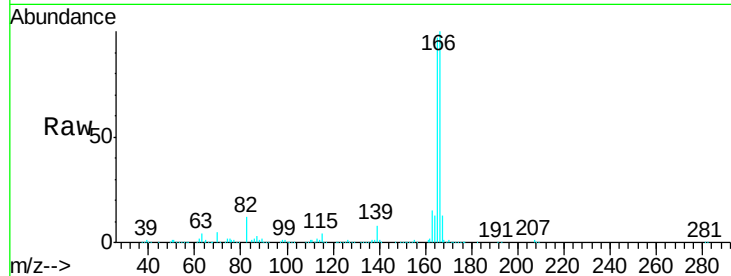




#59
 Fluorene
 Concen: 15.422 ng/ul
 RT: 15.24 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM023749.D
 Acq: 15 Nov 2019 11:24

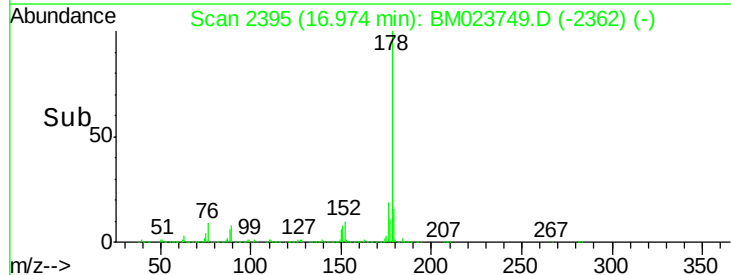
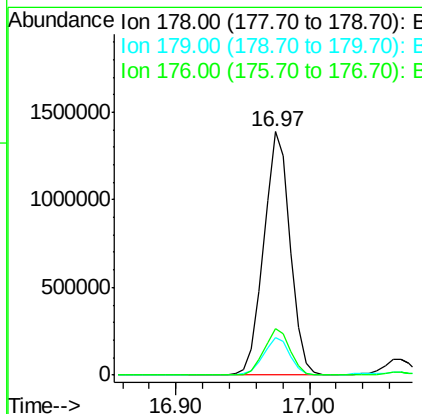
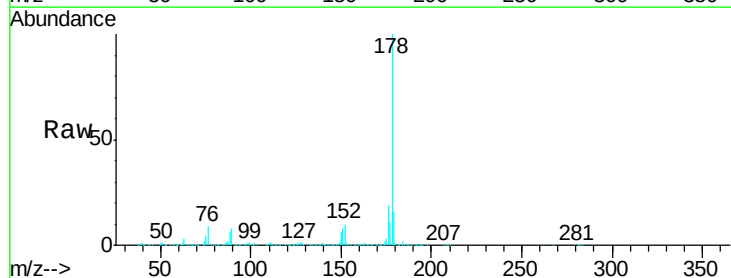
Instrument :
 BNA_M
 ClientSampleId :
 BEGY7DL

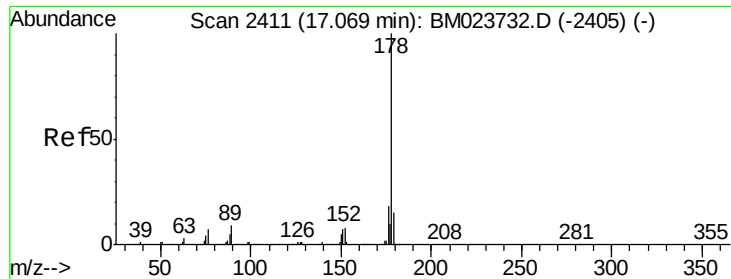
Tgt Ion:166 Resp: 1080777
 Ion Ratio Lower Upper
 166 100
 165 96.5 77.2 115.8
 167 13.2 10.9 16.3



#70
 Phenanthrene
 Concen: 17.531 ng/ul
 RT: 16.97 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BM023749.D
 Acq: 15 Nov 2019 11:24

Tgt Ion:178 Resp: 1894920
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.3 18.5
 176 18.9 15.0 22.6





#72

Anthracene

Concen: 1.284 ng/ul

RT: 17.07 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BM023749.D

Acq: 15 Nov 2019 11:24

Instrument :

BNA_M

ClientSampleId :

BEGY7DL

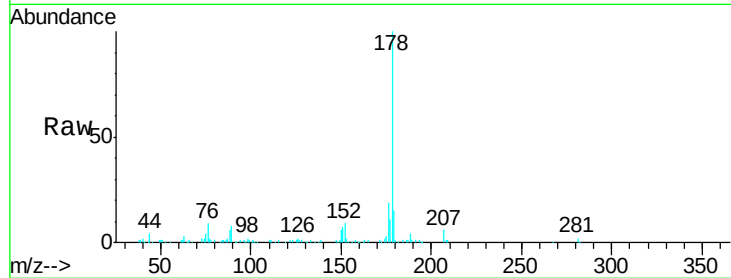
Tgt Ion:178 Resp: 139538

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

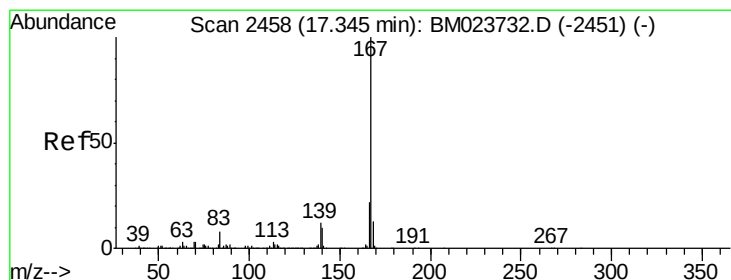
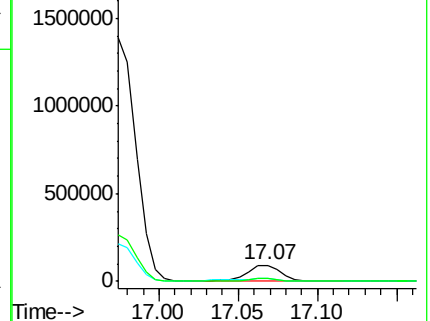
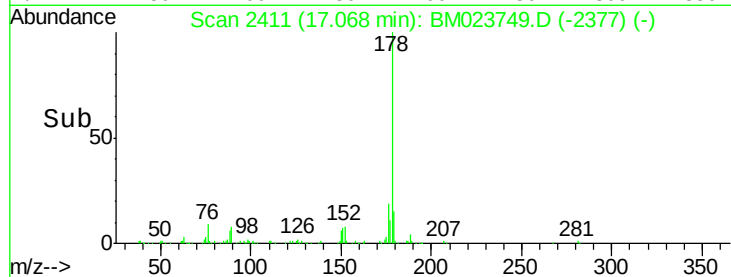
176 19.1 14.7 22.1



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: 18.983 ng/ul

RT: 17.34 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BM023749.D

Acq: 15 Nov 2019 11:24

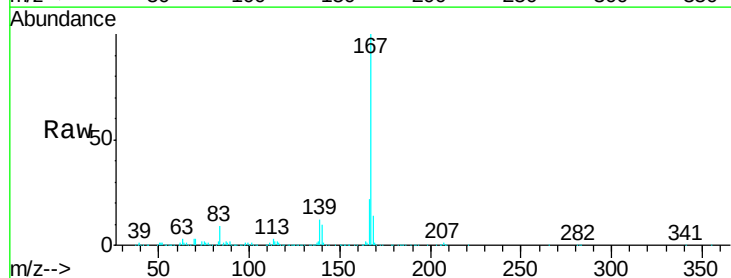
Tgt Ion:167 Resp: 1719884

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

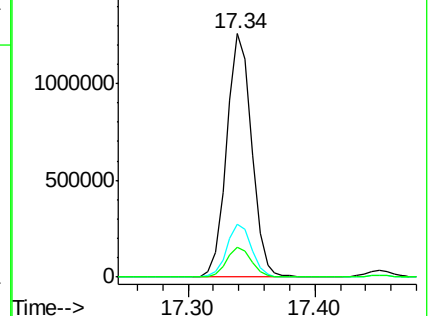
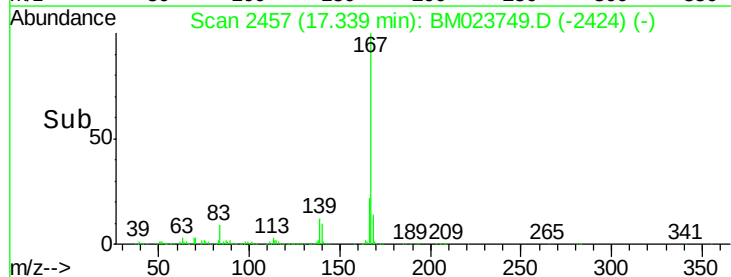
139 12.3 9.8 14.6

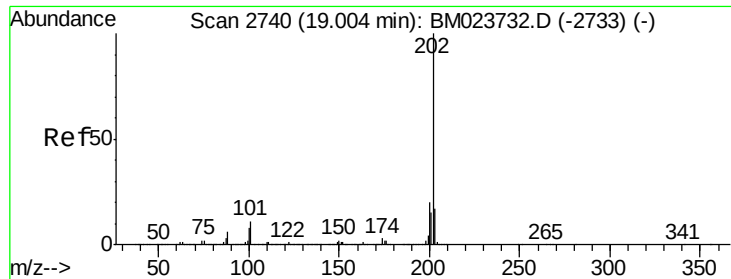


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

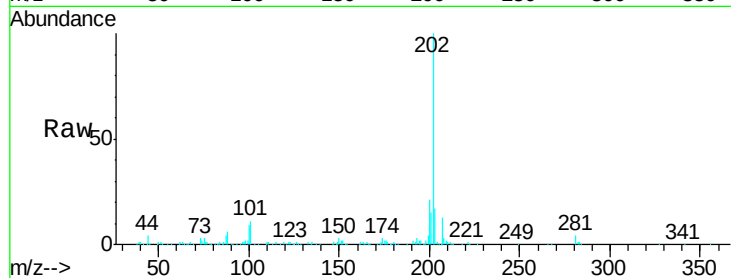




#77
 Fluoranthene
 Concen: 1.745 ng/ul
 RT: 19.00 min Scan# 2739
 Delta R.T. -0.01 min
 Lab File: BM023749.D
 Acq: 15 Nov 2019 11:24

Instrument :
 BNA_M
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Tgt	Ion	202	Resp	202056
Ion	Ratio	Lower	Upper	
202	100			
101	11.4	7.7	11.5	
100	8.9	6.0	9.0	



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

