

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
 Data File : BM023748.D
 Acq On : 15 Nov 2019 10:48
 Operator : JU
 Sample : K5700-10DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEGY9DL

Quant Time: Nov 15 11:52:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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	370021	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1501319	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	940655	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2053635	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2102386	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2472151	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	305	0.03	ng/uL	0.00
5) Phenol-d5	6.72	99	14610	0.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	40640	2.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	42177	1.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	27448	1.02	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	27029	2.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	24539	2.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	51459	2.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	10794	0.38	ng/ul	-0.02
44) Dimethylphthalate-d6	13.60	166	205377	2.80	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	202309	2.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	3506	0.28	ng/ul	0.02
58) Fluorene-d10	15.18	176	178433	2.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	16487	1.39	ng/ul	0.00
71) Anthracene-d10	17.03	188	290359	2.98	ng/ul	0.00
79) Pyrene-d10	19.33	212	325744	2.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	369093	2.84	ng/ul	0.00

Target Compounds

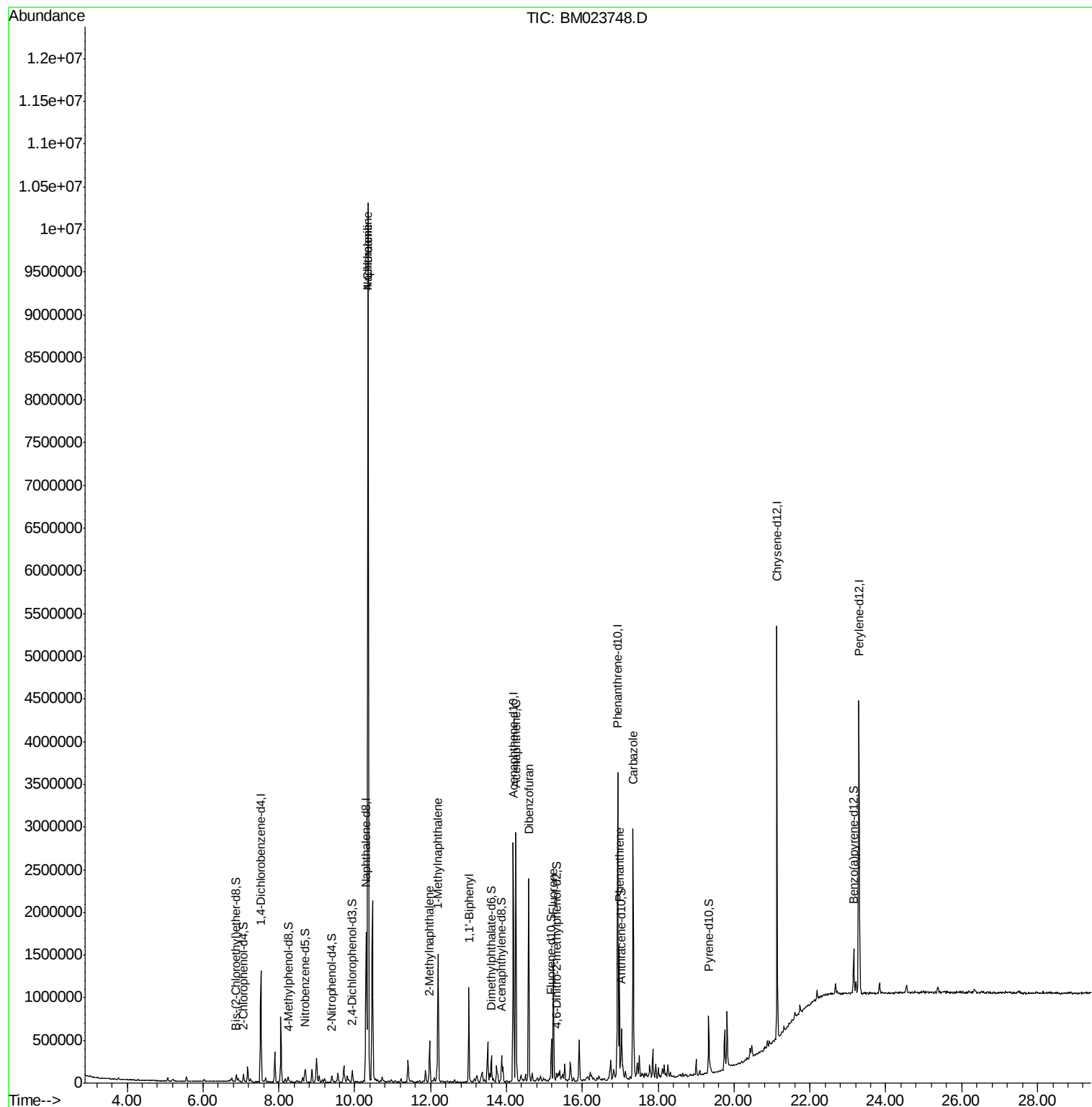
					Ovalue
28) Naphthalene	10.35	128	8469651	107.333	ng/ul 99
30) 4-Chloroaniline	10.35	127	1122943	38.629	ng/ul# 8
34) 2-Methylnaphthalene	11.97	142	219177	3.631	ng/ul 100
35) 1-Methylnaphthalene	12.20	142	707256	11.880	ng/ul 97
41) 1,1'-Biphenyl	13.01	154	567487	7.820	ng/ul 99
50) Acenaphthene	14.25	153	1166099	19.497	ng/ul 99
54) Dibenzofuran	14.59	168	1520157	17.170	ng/ul 100
59) Fluorene	15.24	166	640011	8.910	ng/ul 100
70) Phenanthrene	16.97	178	817427	7.226	ng/ul 99
75) Carbazole	17.34	167	1783009	18.805	ng/ul 99

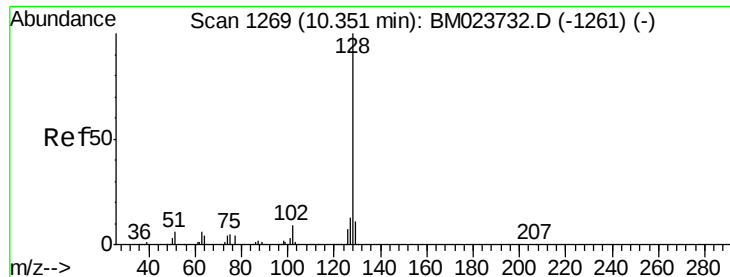
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration





#28

Naphthalene

Concen: 107.333 ng/ul

RT: 10.35 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM023748.D

Acq: 15 Nov 2019 10:48

Instrument :

BNA_M

ClientSampleId :

BEGY9DL

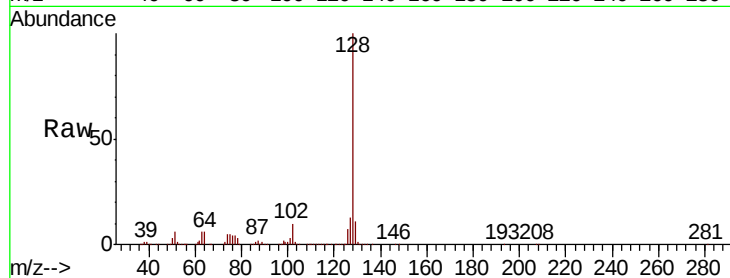
Tot Ion:128 Resp: 8469651

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

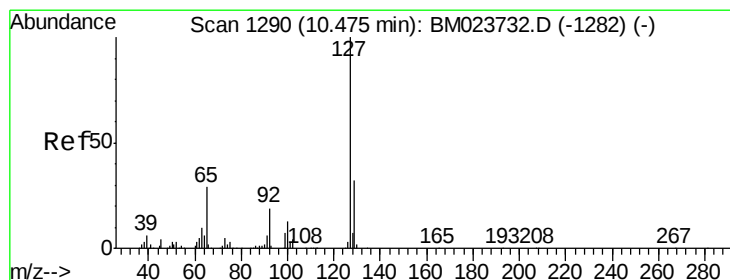
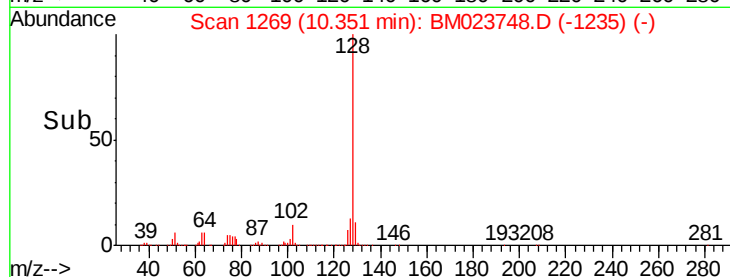
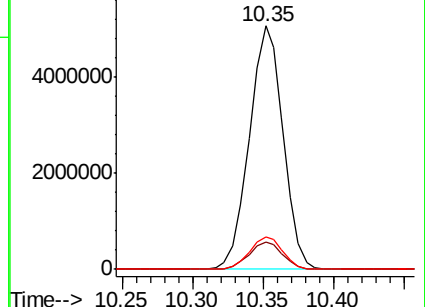
127 13.5 10.6 16.0



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



#30

4-Chloroaniline

Concen: 38.629 ng/ul

RT: 10.35 min Scan# 1269

Delta R.T. -0.12 min

Lab File: BM023748.D

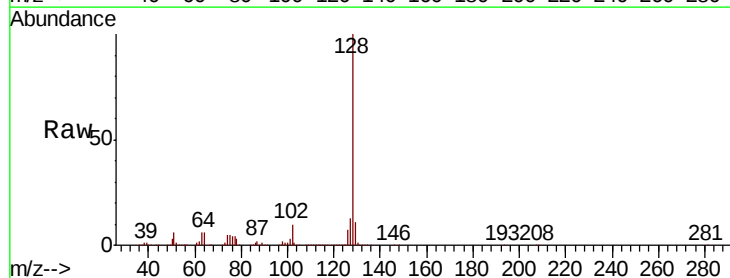
Acq: 15 Nov 2019 10:48

Tgt Ion:127 Resp: 1122943

Ion Ratio Lower Upper

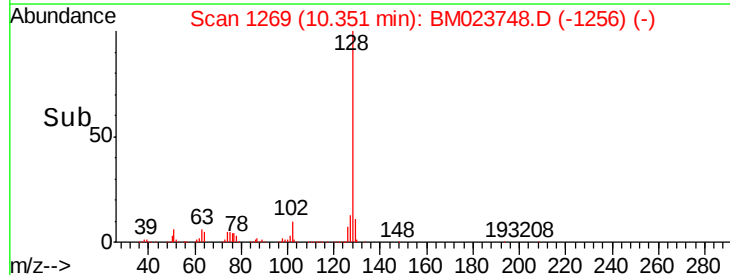
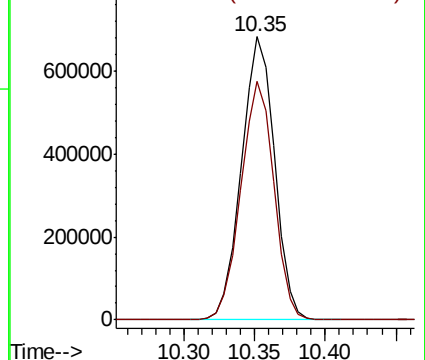
127 100

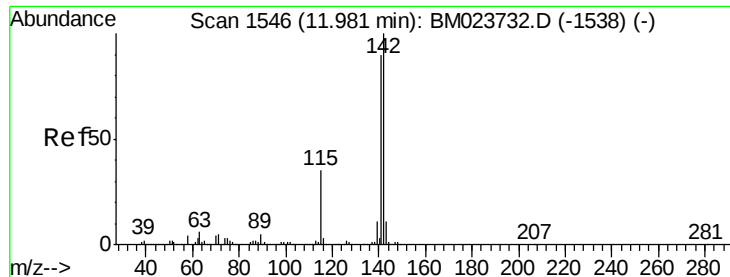
129 84.3 26.1 39.1#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

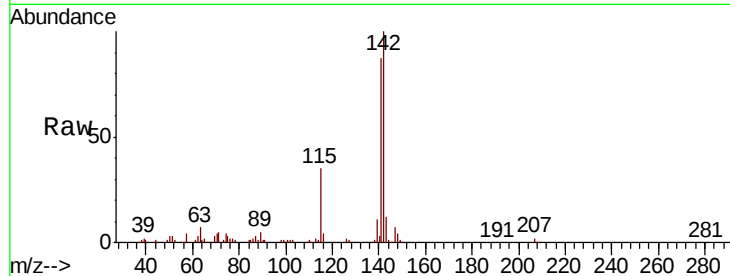




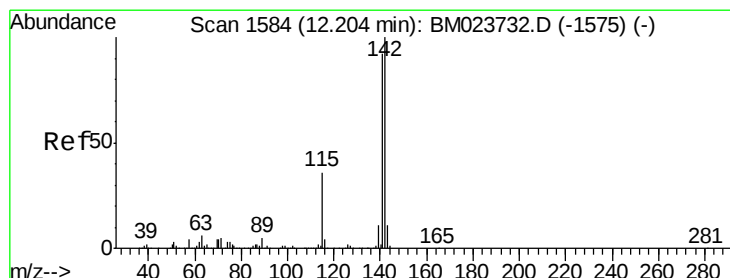
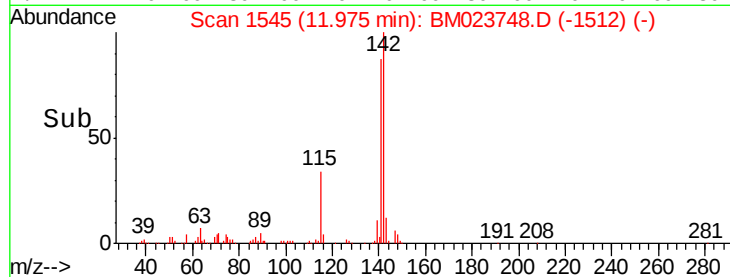
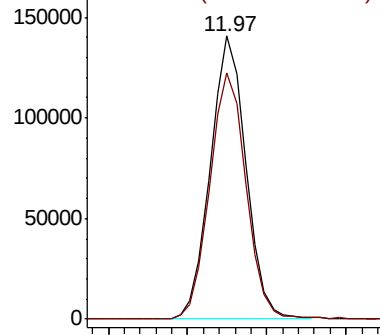
#34
2-Methylnaphthalene
Concen: 3.631 ng/ul
RT: 11.97 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BM023748.D
Acq: 15 Nov 2019 10:48

Instrument :
BNA_M
ClientSampleId :
BEGY9DL

Tot Ion:142 Resp: 219177
Ion Ratio Lower Upper
142 100
141 86.9 69.8 104.8

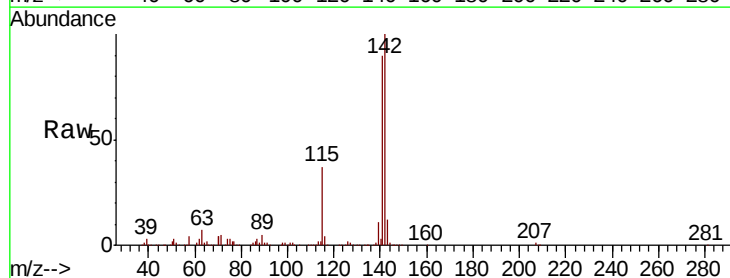


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

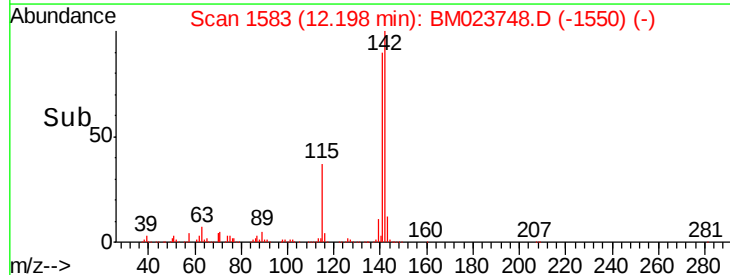
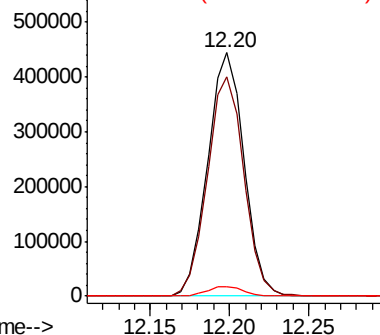


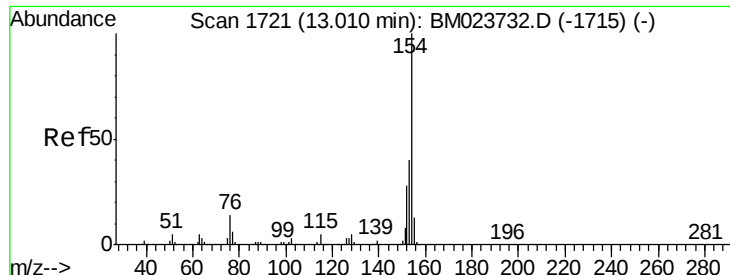
#35
1-Methylnaphthalene
Concen: 11.880 ng/ul
RT: 12.20 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BM023748.D
Acq: 15 Nov 2019 10:48

Tgt Ion:142 Resp: 707256
Ion Ratio Lower Upper
142 100
141 90.1 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

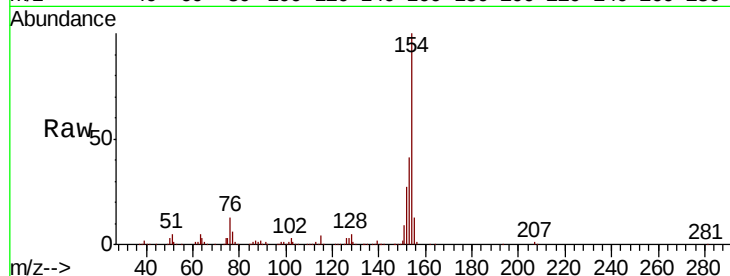




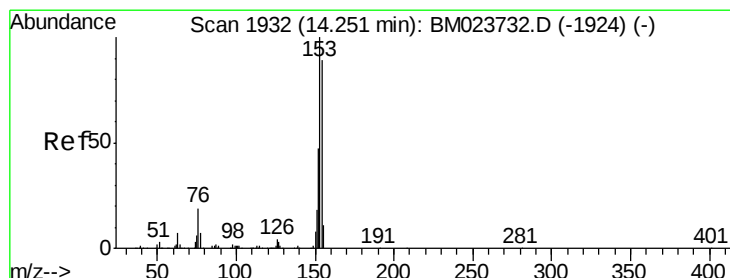
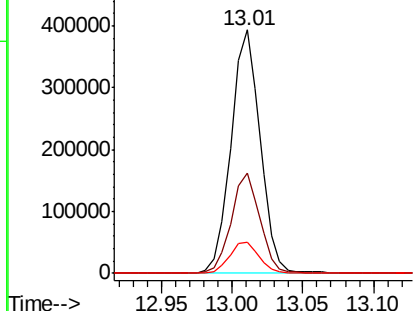
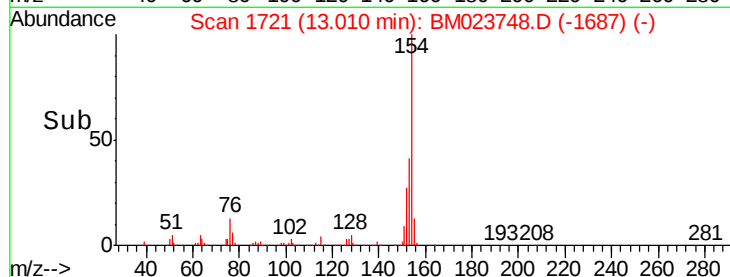
#41
 1,1'-Biphenyl
 Concen: 7.820 ng/ul
 RT: 13.01 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BM023748.D
 Acq: 15 Nov 2019 10:48

Instrument :
 BNA_M
 ClientSampleId :
 BEGY9DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	32.3	48.5
76	12.8	10.6	15.8

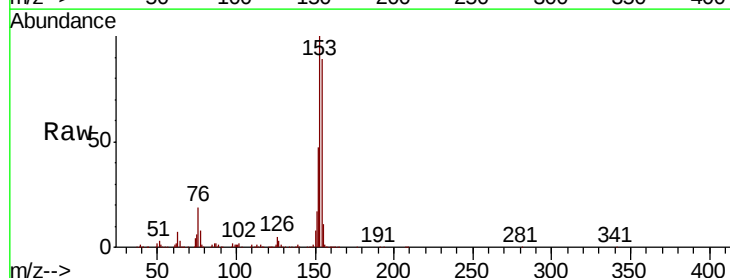


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

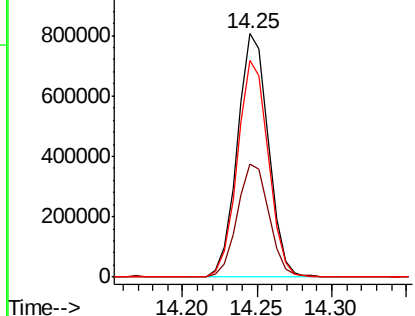
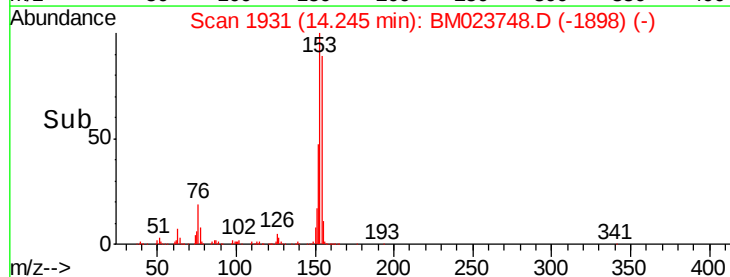


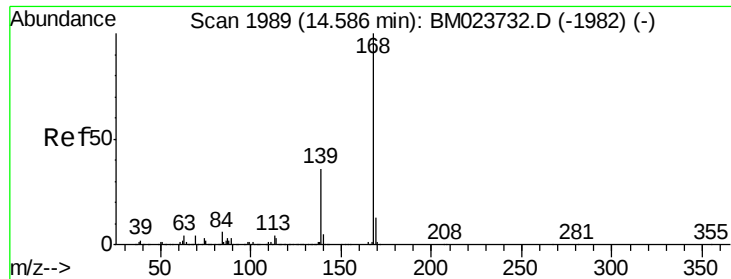
#50
 Acenaphthene
 Concen: 19.497 ng/ul
 RT: 14.25 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BM023748.D
 Acq: 15 Nov 2019 10:48

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.6	37.7	56.5
154	89.0	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: 17.170 ng/ul

RT: 14.59 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BM023748.D

Acq: 15 Nov 2019 10:48

Instrument :

BNA_M

ClientSampleID :

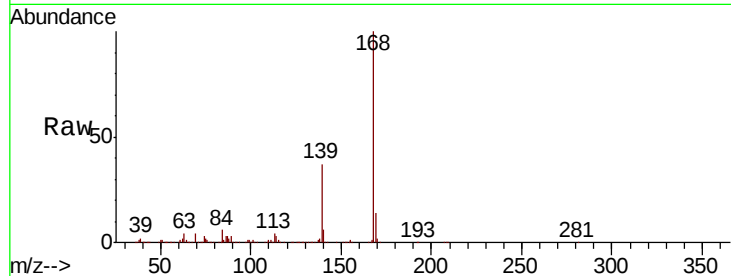
BEGY9DL

Tot Ion:168 Resp: 1520157

Ion Ratio Lower Upper

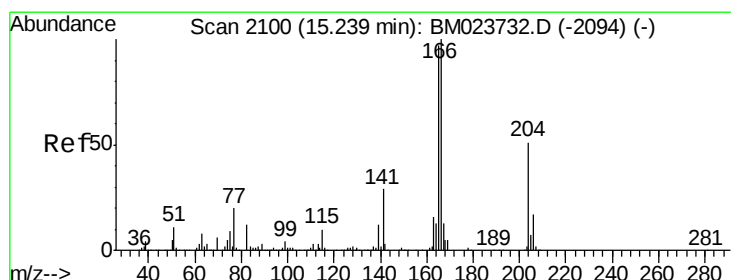
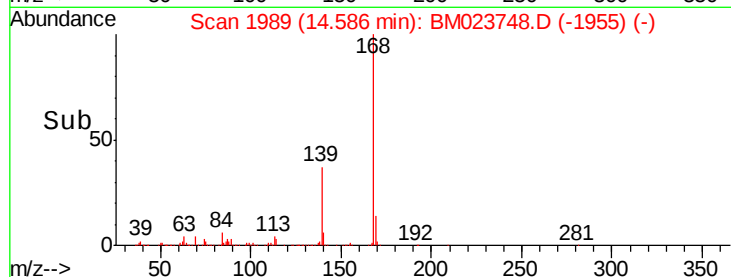
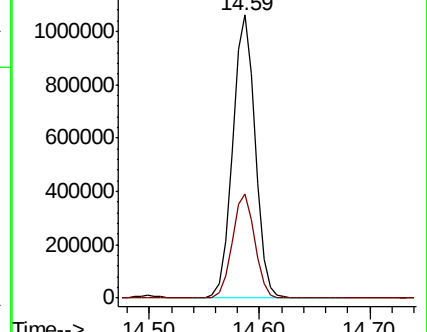
168 100

139 36.8 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: 8.910 ng/ul

RT: 15.24 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BM023748.D

Acq: 15 Nov 2019 10:48

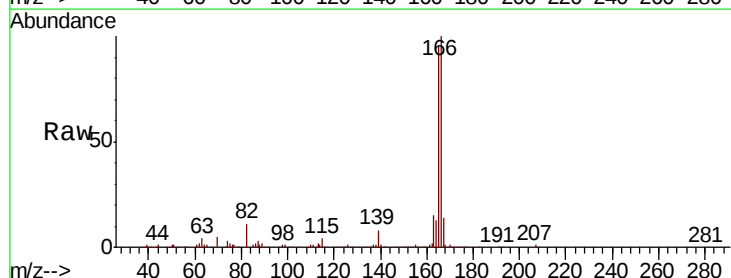
Tgt Ion:166 Resp: 640011

Ion Ratio Lower Upper

166 100

165 96.5 77.2 115.8

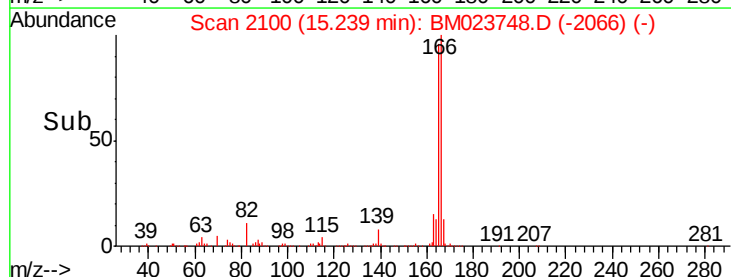
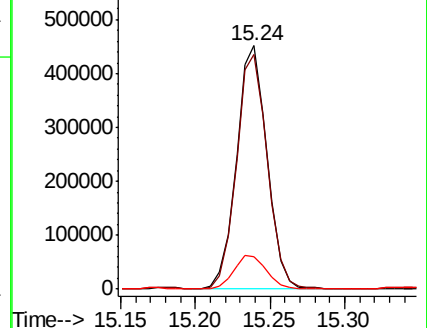
167 13.6 10.9 16.3

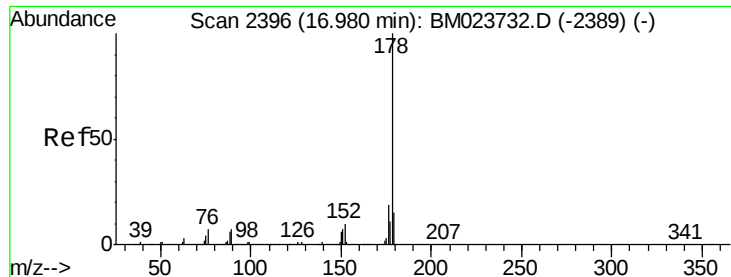


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 7.226 ng/ul

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM023748.D

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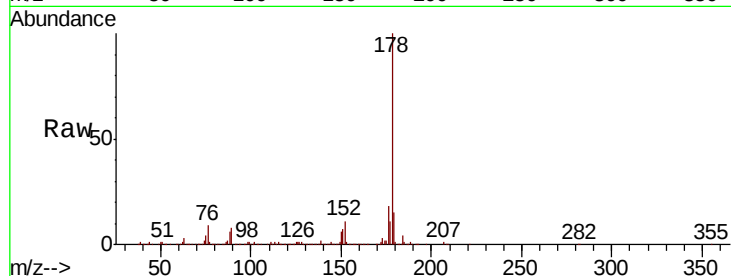
Tot Ion:178 Resp: 817427

Ion Ratio Lower Upper

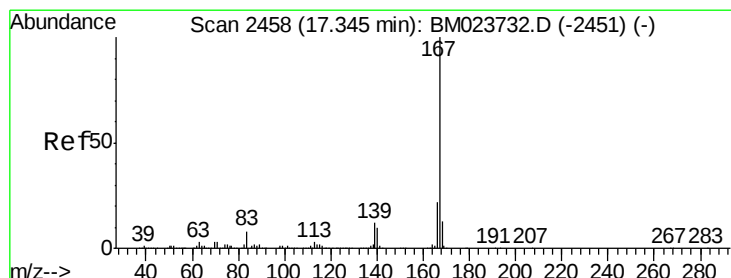
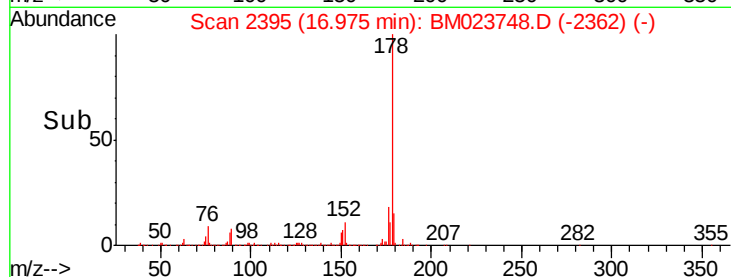
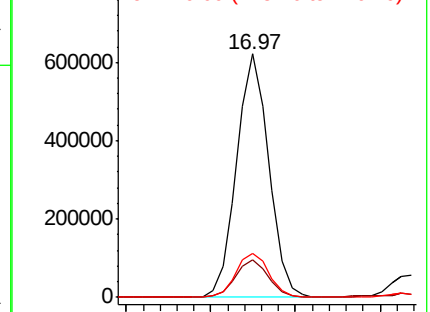
178 100

179 15.2 12.3 18.5

176 18.0 15.0 22.6



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: 18.805 ng/ul

RT: 17.34 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BM023748.D

Acq: 15 Nov 2019 10:48

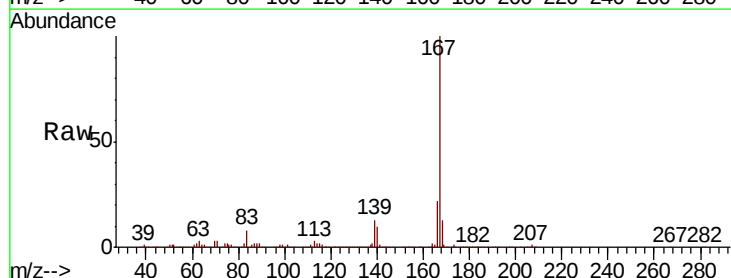
Tgt Ion:167 Resp: 1783009

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 12.5 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

