

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
 Data File : BM023405.D
 Acq On : 25 Oct 2019 14:09
 Operator : JU
 Sample : K5344-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 25 22:11:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 25 07:44:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	562817	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2338113	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	1445412	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2522533	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1842922	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2197616	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	62377	5.26	ng/uL	0.00
5) Phenol-d5	6.81	99	283980	6.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	600055	21.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	710981	19.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	508282	13.24	ng/ul	-0.01
19) Nitrobenzene-d5	8.78	128	440585	25.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	473917	24.27	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.04	165	896353	23.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	27338	0.62	ng/ul	-0.02
44) Dimethylphthalate-d6	13.70	166	3020262	27.52	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	3303455	26.27	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	107370	5.65	ng/ul	0.00
58) Fluorene-d10	15.28	176	2460565	26.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	222796	14.19	ng/ul	0.00
71) Anthracene-d10	17.13	188	3328842	27.92	ng/ul	0.00
79) Pyrene-d10	19.43	212	3044338	30.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	3224984	28.81	ng/ul	0.00

Target Compounds

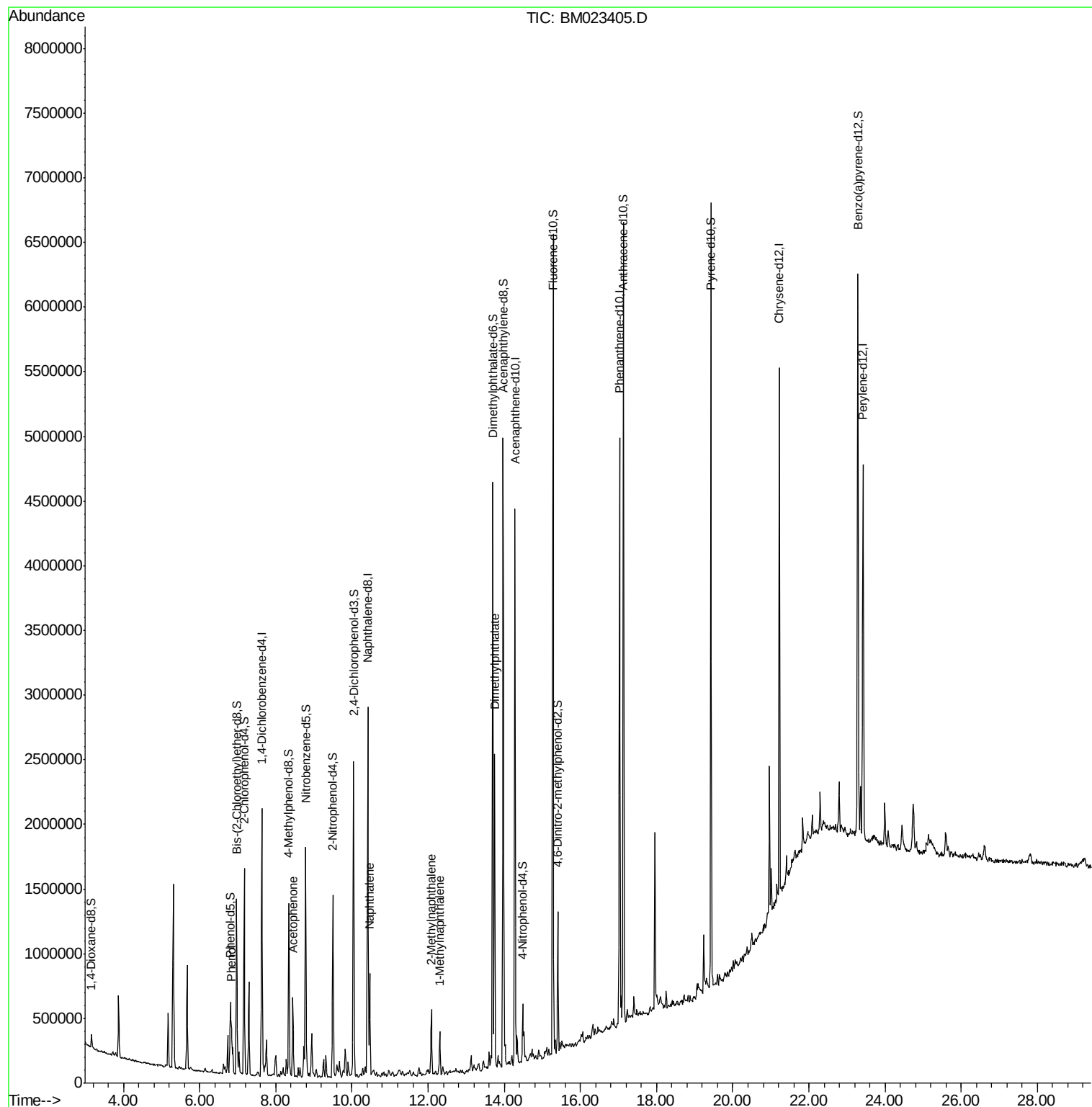
					Ovalue
6) Phenol	6.84	94	187323	3.848	ng/ul 99
14) Acetophenone	8.45	105	327510	5.460	ng/ul 95
28) Naphthalene	10.46	128	605928	5.056	ng/ul 100
34) 2-Methylnaphthalene	12.08	142	238316	2.603	ng/ul 96
35) 1-Methylnaphthalene	12.30	142	147902	1.674	ng/ul 100
45) Dimethylphthalate	13.75	163	1495637	13.571	ng/ul 99

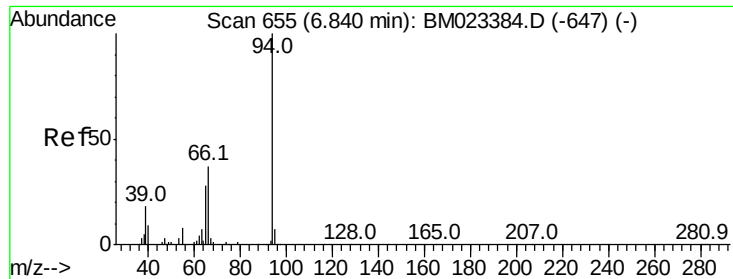
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 3.848 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM023405.D

Acq: 25 Oct 2019 14:09

Instrument :

BNA_M

ClientSampleId :

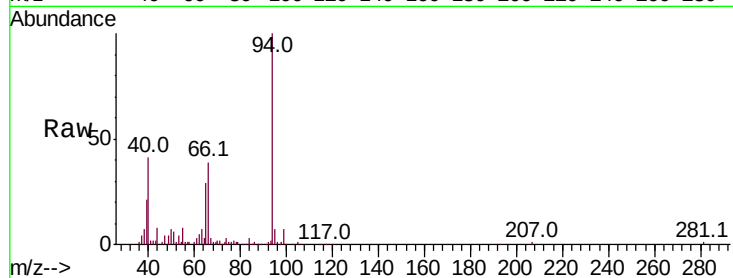
Tot Ion: 94 Resp: 187323

Ion Ratio Lower Upper

94 100

65 28.9 22.9 34.3

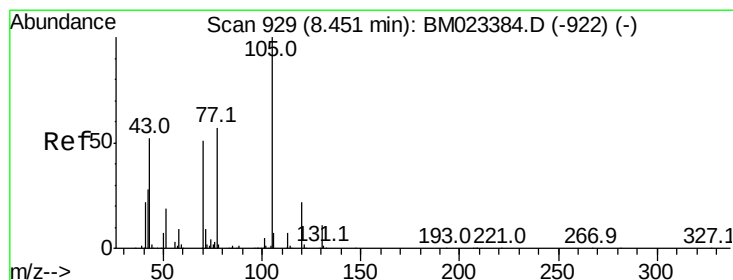
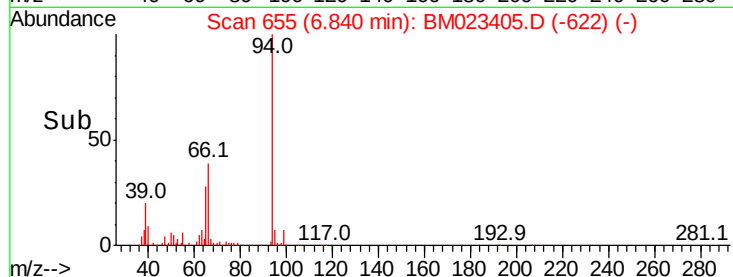
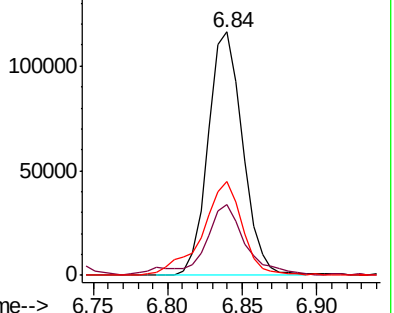
66 38.6 31.4 47.2



Abundance Ion 94.00 (93.70 to 94.70): BM023384.D (-647) (-)

Ion 65.00 (64.70 to 65.70): BM023384.D (-647) (-)

Ion 66.00 (65.70 to 66.70): BM023384.D (-647) (-)



#14

Acetophenone

Concen: 5.460 ng/ul

RT: 8.45 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM023405.D

Acq: 25 Oct 2019 14:09

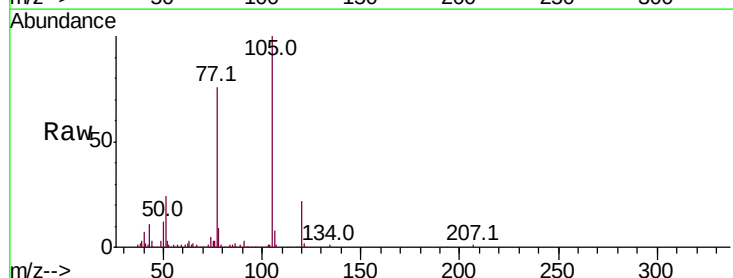
Tgt Ion: 105 Resp: 327510

Ion Ratio Lower Upper

105 100

77 75.7 64.8 97.2

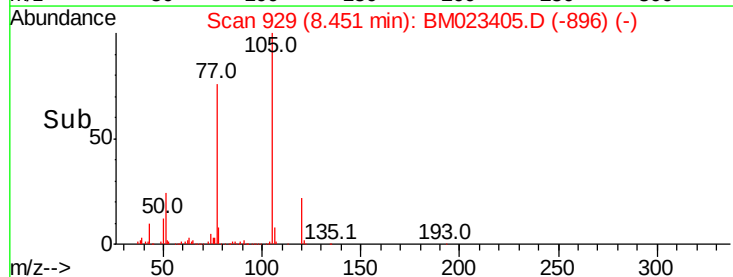
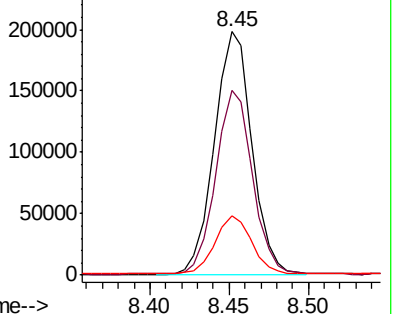
51 24.4 21.3 31.9

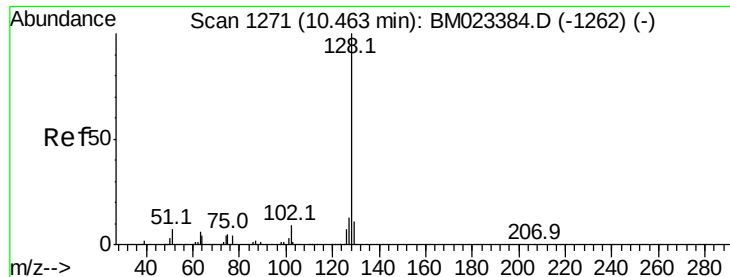


Abundance Ion 105.00 (104.70 to 105.70): BM023384.D (-922) (-)

Ion 77.00 (76.70 to 77.70): BM023384.D (-922) (-)

Ion 51.00 (50.70 to 51.70): BM023384.D (-922) (-)

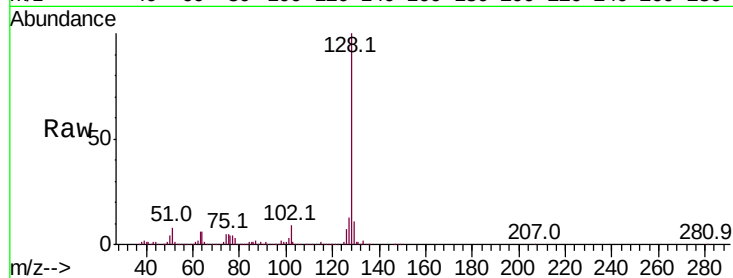




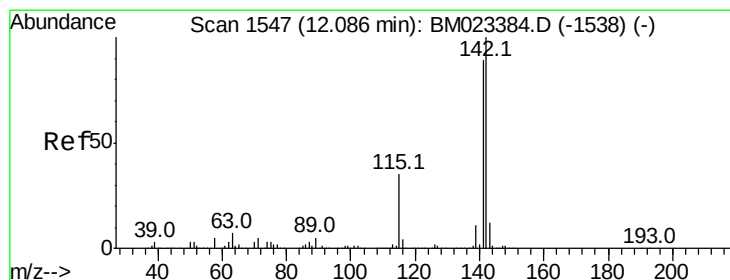
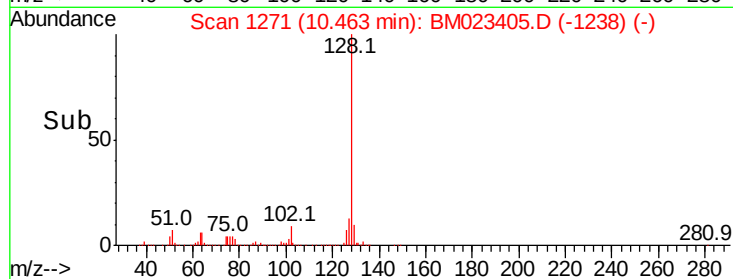
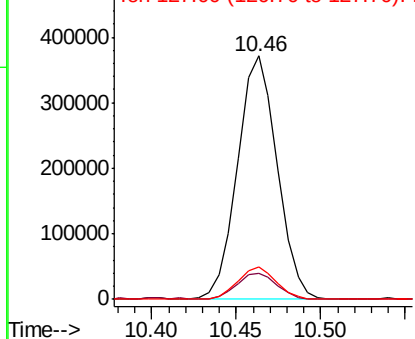
#28
Naphthalene
Concen: 5.056 ng/ul
RT: 10.46 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM023405.D
Acq: 25 Oct 2019 14:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 605928
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.1 10.4 15.6

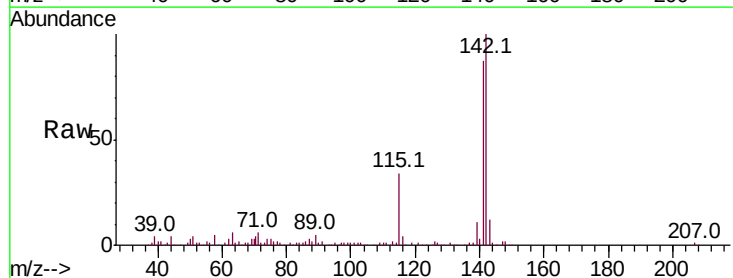


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

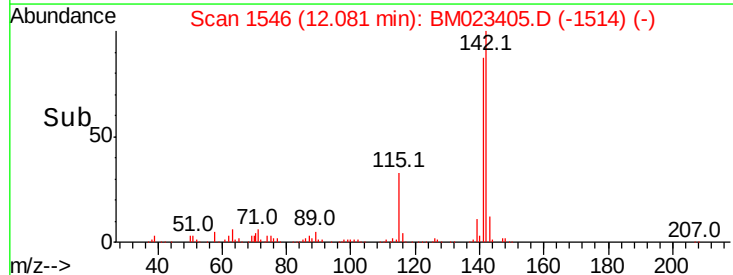
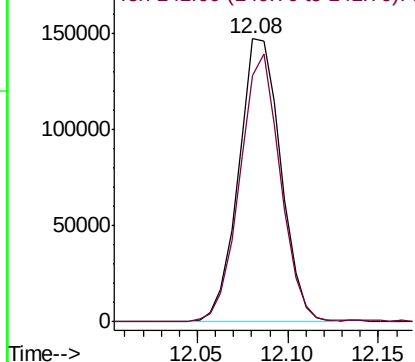


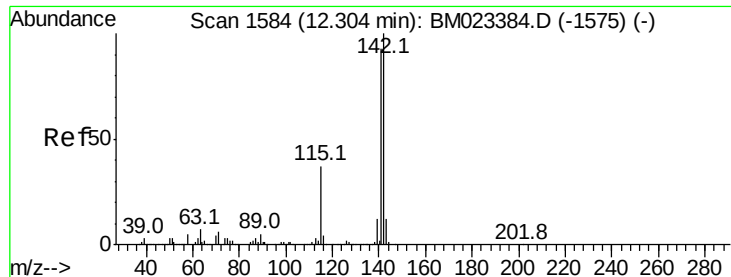
#34
2-Methylnaphthalene
Concen: 2.603 ng/ul
RT: 12.08 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM023405.D
Acq: 25 Oct 2019 14:09

Tgt Ion:142 Resp: 238316
Ion Ratio Lower Upper
142 100
141 87.1 72.4 108.6



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

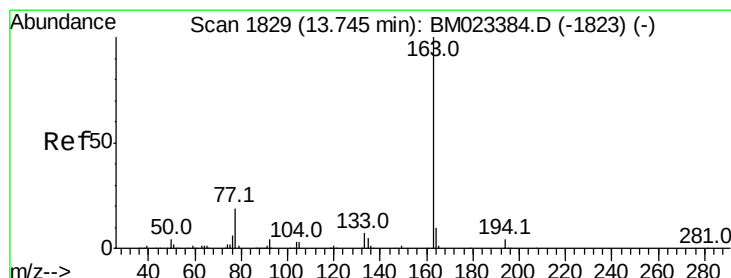
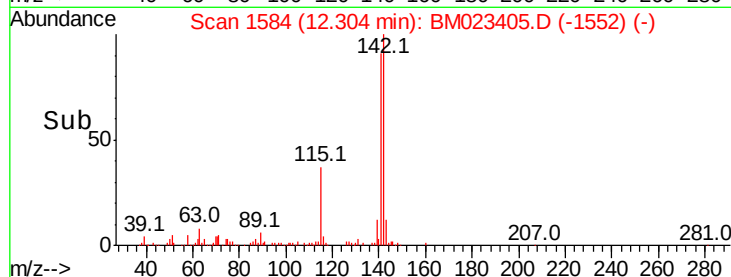
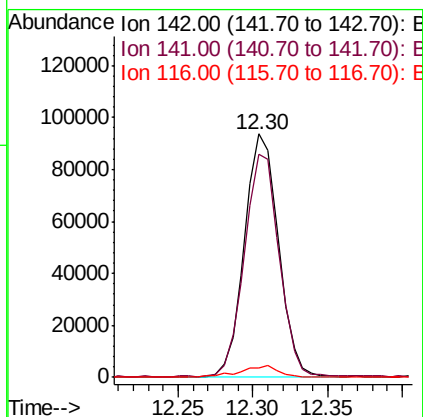
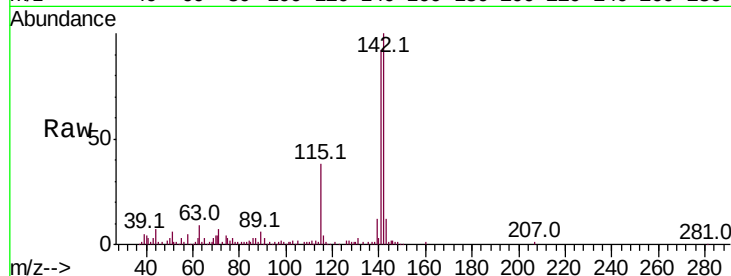




#35
 1-Methylnaphthalene
 Concen: 1.674 ng/ul
 RT: 12.30 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BM023405.D
 Acq: 25 Oct 2019 14:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.6	110.4
116	4.0	3.3	4.9



#45
 Dimethylphthalate
 Concen: 13.571 ng/ul
 RT: 13.75 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BM023405.D
 Acq: 25 Oct 2019 14:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.3	7.9	11.9

