

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022929.D
 Acq On : 03 Oct 2019 20:25
 Operator : JU
 Sample : K4983-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 04 01:23:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	239451	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.59	136	1055970	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	681198	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1347519	20.00	ng/ul	-0.02
78) Chrysene-d12	21.35	240	1032825	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	1040261	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	32802	5.92	ng/uL	0.00
5) Phenol-d5	6.96	99	150728	7.12	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	273222	23.60	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	356470	20.92	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	258508	14.92	ng/ul	-0.02
19) Nitrobenzene-d5	8.95	128	207456	25.46	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.67	143	229755	25.82	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	420656	23.74	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	518326	24.08	ng/ul	-0.02
44) Dimethylphthalate-d6	13.84	166	1472877	27.86	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1558323	25.53	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	77716	7.44	ng/ul	0.00
58) Fluorene-d10	15.42	176	1213891	26.94	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.54	200	224105	25.56	ng/ul	-0.02
71) Anthracene-d10	17.27	188	2094765	31.83	ng/ul	-0.02
79) Pyrene-d10	19.56	212	2210846	39.77	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1814370	33.72	ng/ul	-0.03

Target Compounds

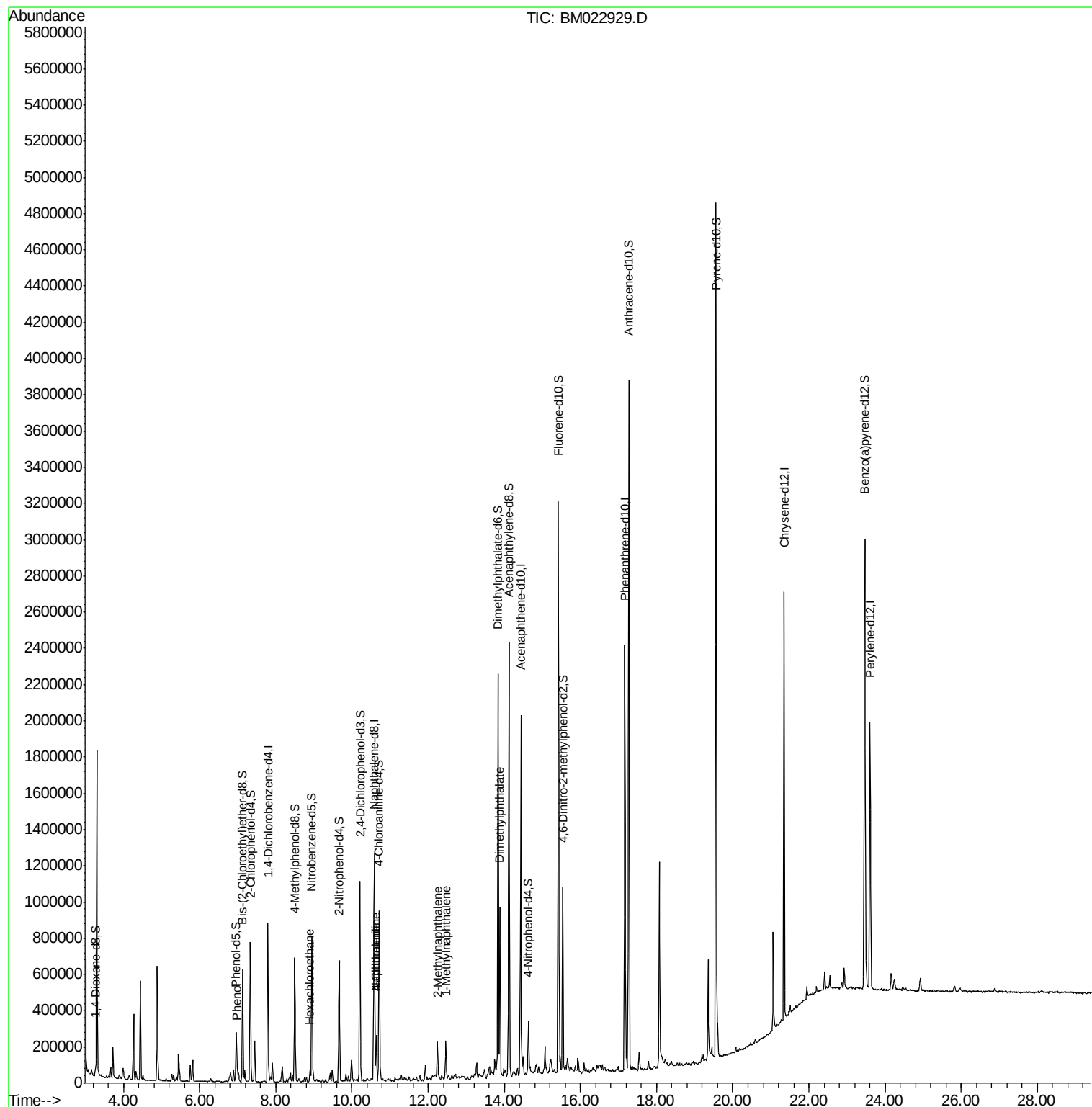
					Ovalue
6) Phenol	6.99	94	38195	1.722 ng/ul	98
17) Hexachloroethane	8.90	117	7758	1.117 ng/ul#	6
28) Naphthalene	10.63	128	194577	3.412 ng/ul	99
30) 4-Chloroaniline	10.63	127	24970	1.101 ng/ul#	8
34) 2-Methylnaphthalene	12.25	142	100069	2.340 ng/ul	97
35) 1-Methylnaphthalene	12.47	142	94868	2.323 ng/ul	98
45) Dimethylphthalate	13.89	163	585380	10.779 ng/ul	100

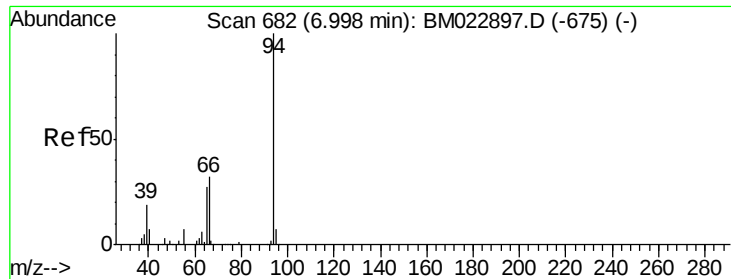
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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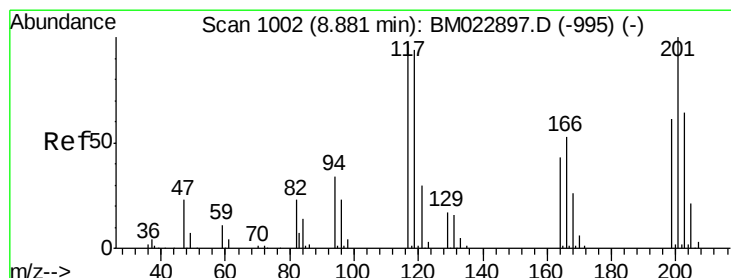
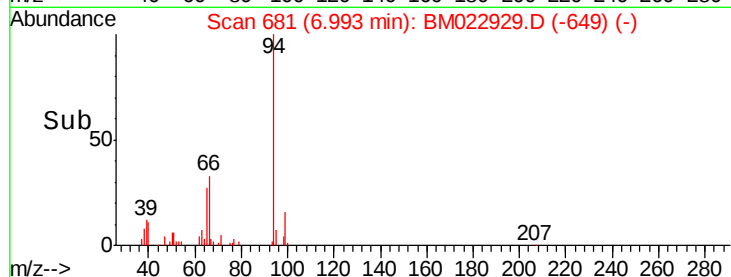
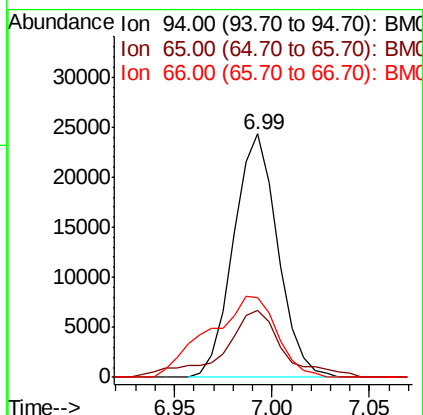
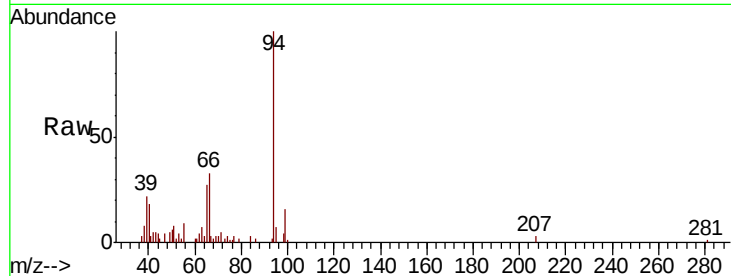
#6

Phenol

Concen: 1.722 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BM022929.D
 Acq: 03 Oct 2019 20:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	94	Resp	38195
Ion Ratio	100	Lower	Upper
65	27.3	20.9	31.3
66	33.0	27.2	40.8

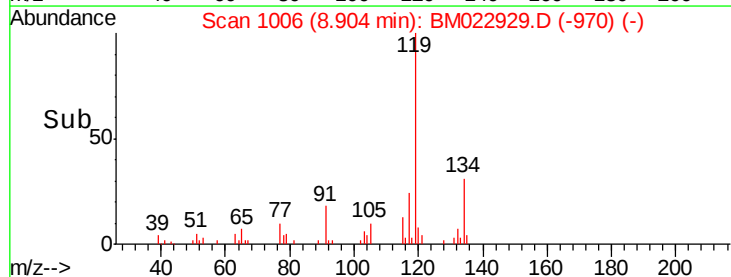
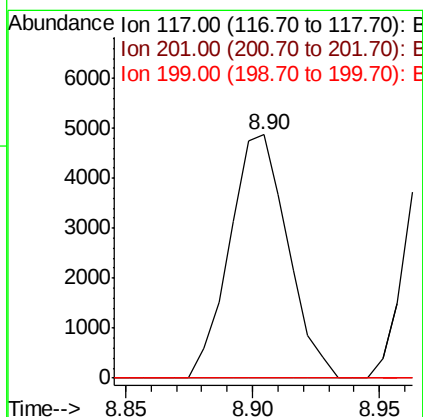
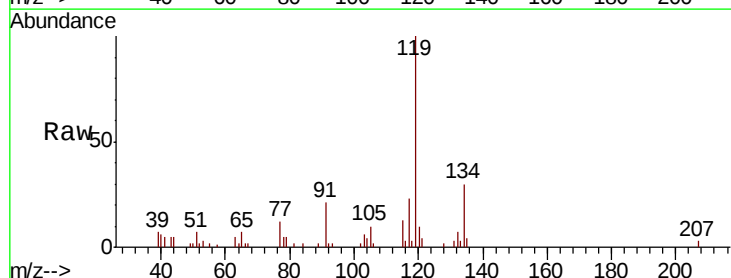


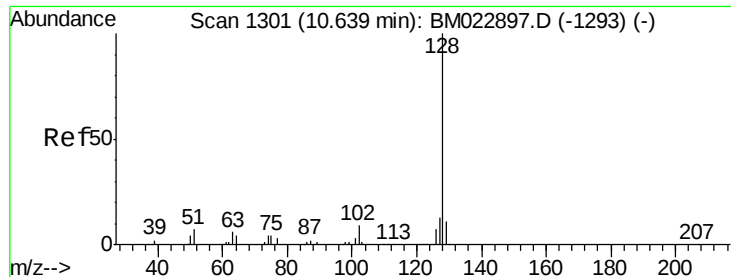
#17

Hexachloroethane

Concen: 1.117 ng/ul
 RT: 8.90 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BM022929.D
 Acq: 03 Oct 2019 20:25

Tgt Ion	117	Resp	7758
Ion Ratio	100	Lower	Upper
201	0.0	82.5	123.7#
199	0.0	51.6	77.4#





#28

Naphthalene

Concen: 3.412 ng/ul

RT: 10.63 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BM022929.D

Acq: 03 Oct 2019 20:25

Instrument :

BNA_M

ClientSampleId :

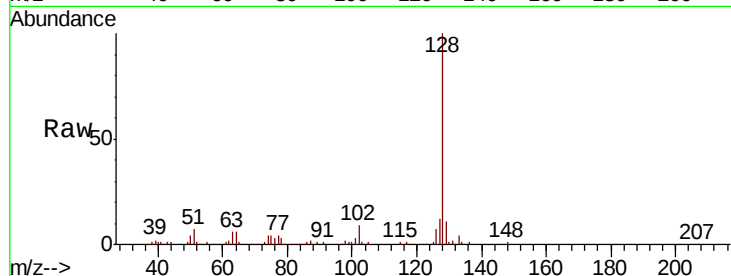
Tot Ion:128 Resp: 194577

Ion Ratio Lower Upper

128 100

129 10.5 8.6 13.0

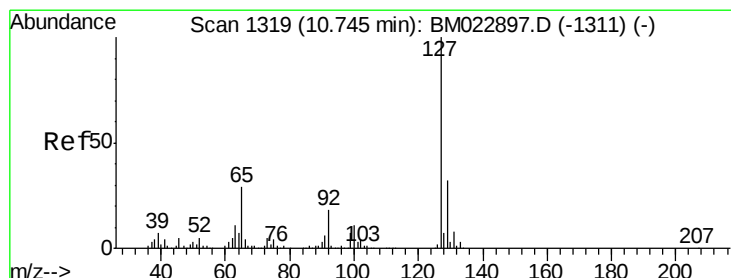
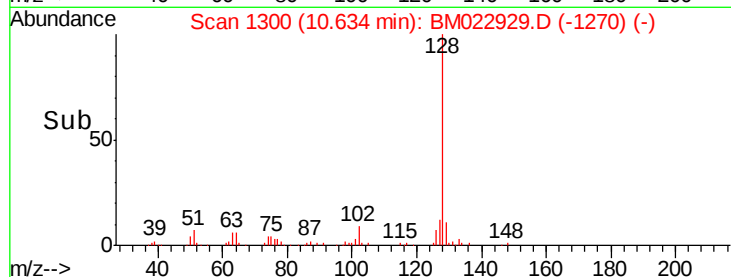
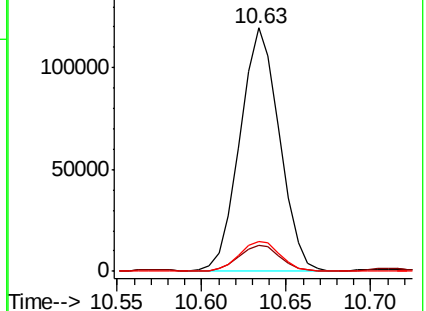
127 12.5 10.2 15.4



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: 1.101 ng/ul

RT: 10.63 min Scan# 1300

Delta R.T. -0.12 min

Lab File: BM022929.D

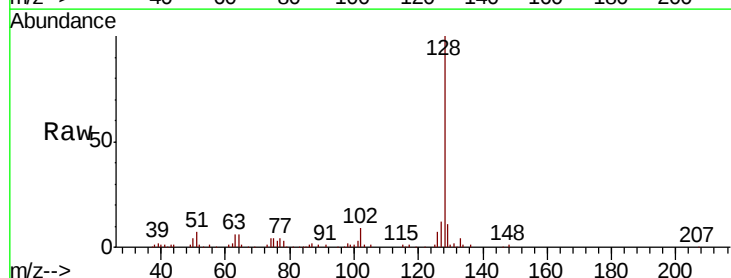
Acq: 03 Oct 2019 20:25

Tgt Ion:127 Resp: 24970

Ion Ratio Lower Upper

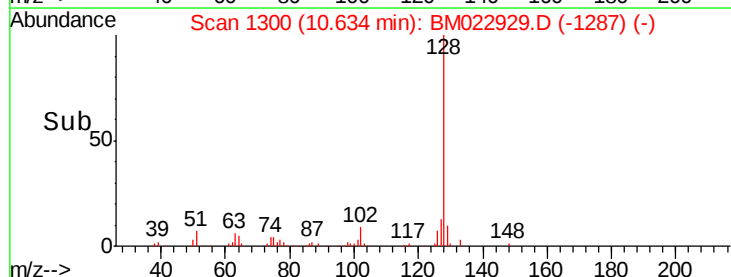
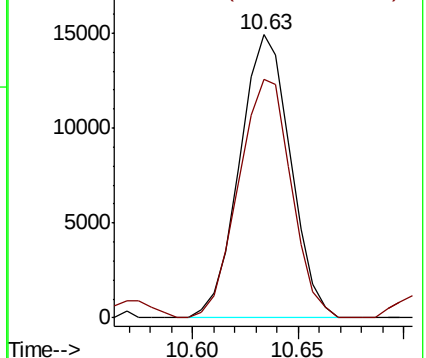
127 100

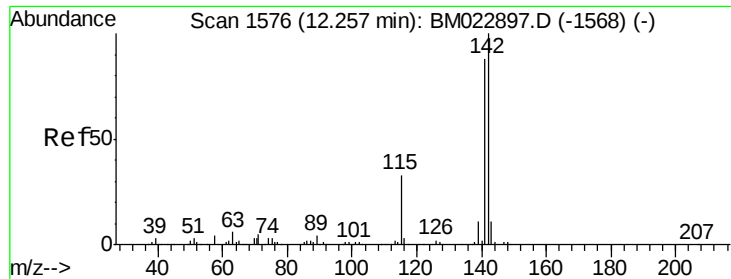
129 84.3 26.0 39.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

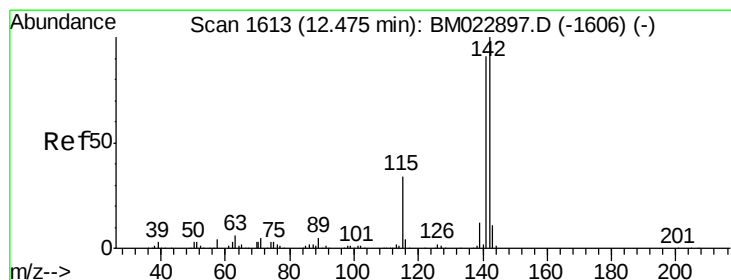
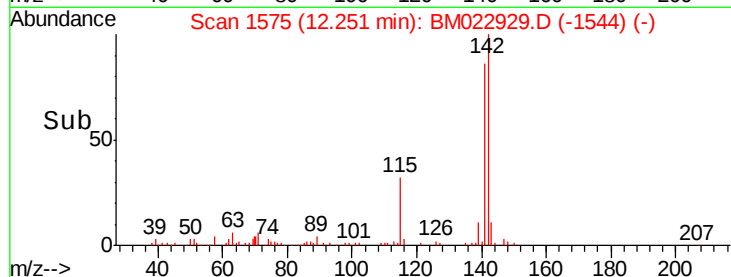
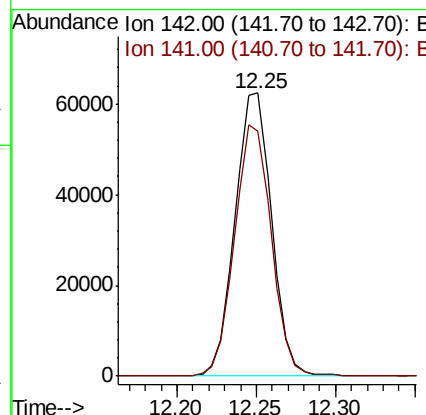
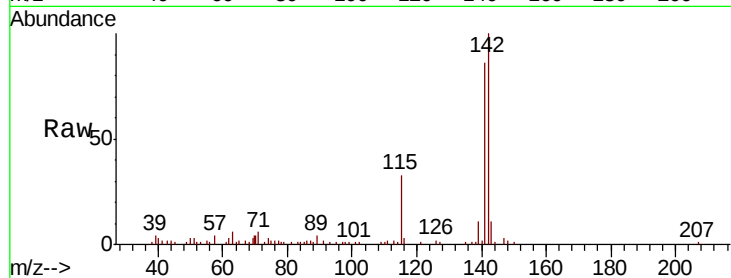




#34
2-Methylnaphthalene
Concen: 2.340 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BM022929.D
Acq: 03 Oct 2019 20:25

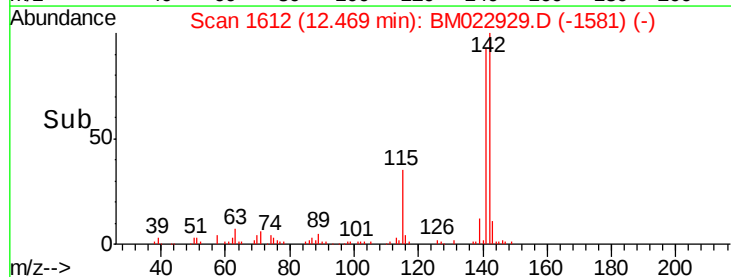
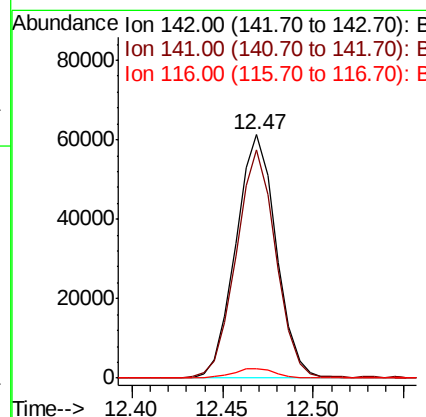
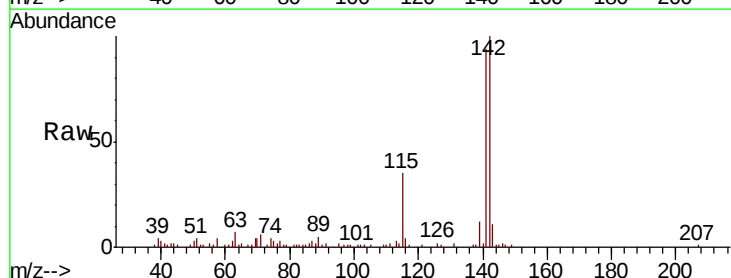
Instrument :
BNA_M
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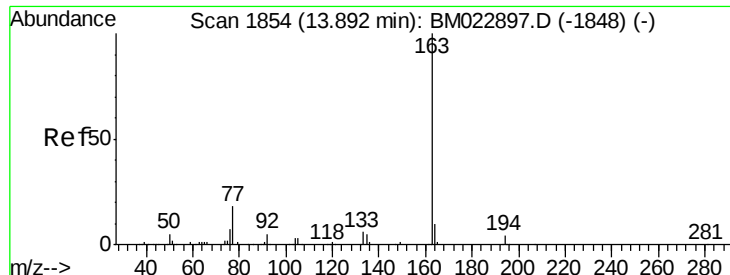
Tot Ion:142 Resp: 100069
Ion Ratio Lower Upper
142 100
141 86.4 71.2 106.8



#35
1-Methylnaphthalene
Concen: 2.323 ng/ul
RT: 12.47 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BM022929.D
Acq: 03 Oct 2019 20:25

Tgt Ion:142 Resp: 94868
Ion Ratio Lower Upper
142 100
141 93.6 73.0 109.6
116 4.1 2.9 4.3





#45

Dimethylphthalate

Concen: 10.779 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BM022929.D

Acq: 03 Oct 2019 20:25

Instrument :

BNA_M

ClientSampleId :

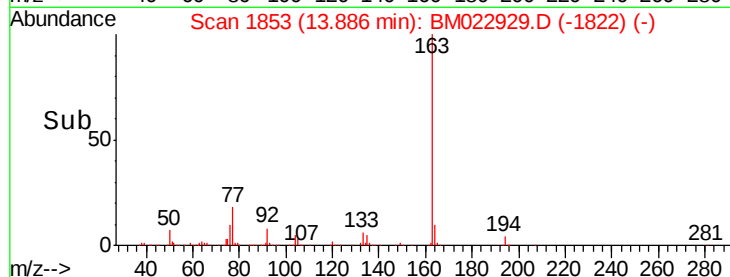
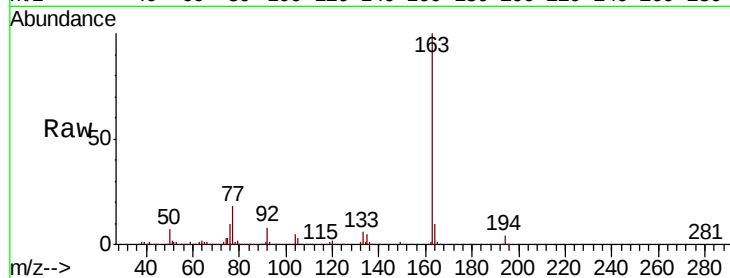
Tot Ion:163 Resp: 585380

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

