

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
 Data File : BM027280.D
 Acq On : 27 Aug 2020 17:23
 Operator : JU/CG
 Sample : L3776-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4Y05

Manual Integrations
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Quant Time: Aug 27 17:55:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 27 16:42:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	126076	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	499862	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	361270	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	790458	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	648385	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	589918	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	15052	6.76	ng/uL	0.00
5) Phenol-d5	6.79	99	83087	8.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	227404	34.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	222263	28.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	158623	19.33	ng/ul	0.01
19) Nitrobenzene-d5	8.74	128	129948	32.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	147921	32.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	70698	7.50	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	292237	28.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	1109432	38.71	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	1306400	38.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	40743m	8.43	ng/ul	0.02
58) Fluorene-d10	15.23	176	970861	39.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	139927	27.14	ng/ul	0.00
71) Anthracene-d10	17.08	188	1592131	42.44	ng/ul	0.00
79) Pyrene-d10	19.38	212	1679585	44.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	1318271	40.09	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.82	94	246539	23.065	ng/ul 93
28) Naphthalene	10.43	128	22768978m	855.288	ng/ul
32) Caprolactam	11.41	113	1364664	497.579	ng/ul 97
34) 2-Methylnaphthalene	12.03	142	591050	29.228	ng/ul 99
41) 1,1'-Biphenyl	13.07	154	371179	13.092	ng/ul 98
45) Dimethylphthalate	13.70	163	68275	2.295	ng/ul 100
50) Acenaphthene	14.30	153	37786	1.592	ng/ul 98
59) Fluorene	15.29	166	83249	2.881	ng/ul 97

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

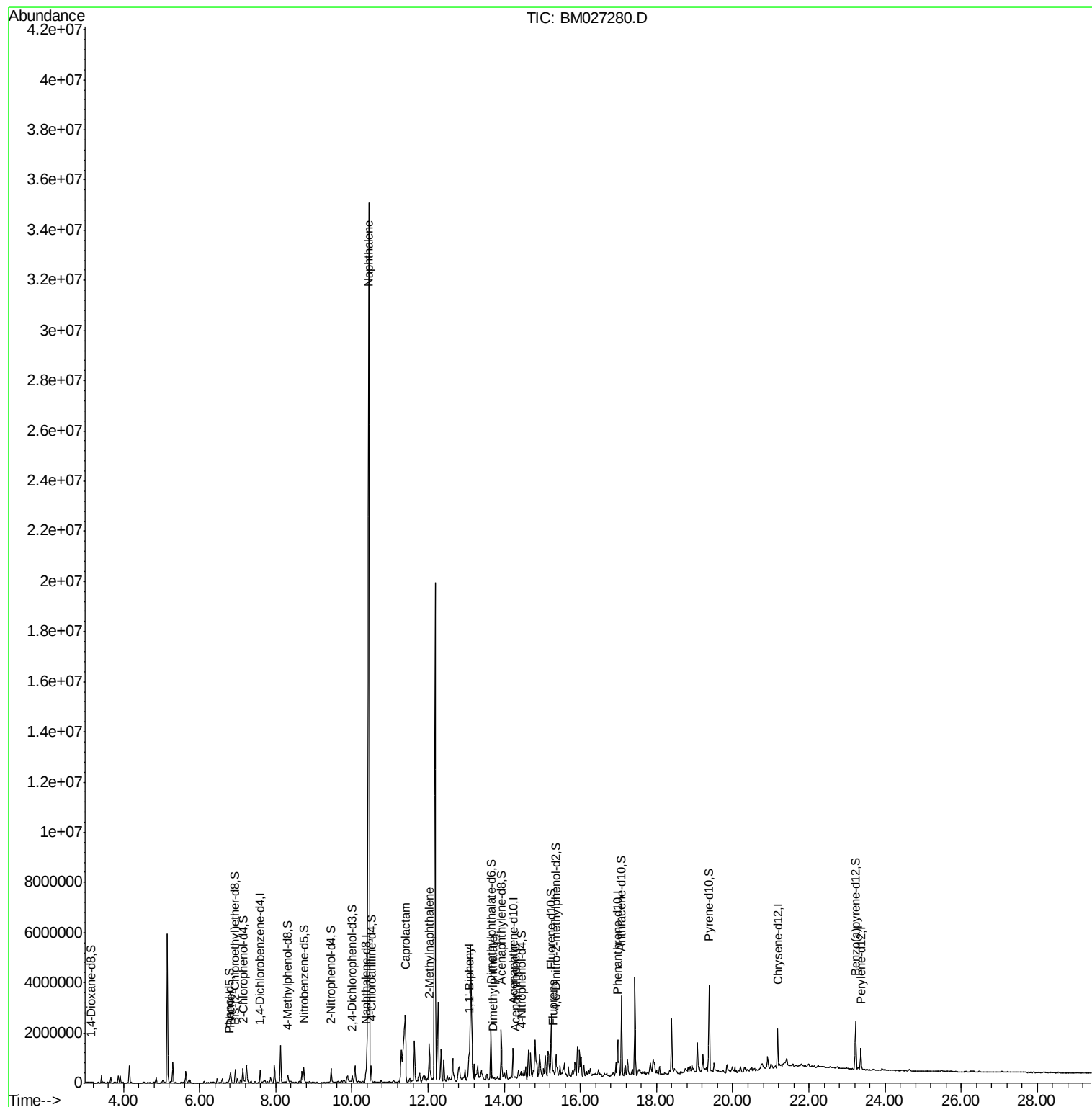
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
Data File : BM027280.D
Acq On : 27 Aug 2020 17:23
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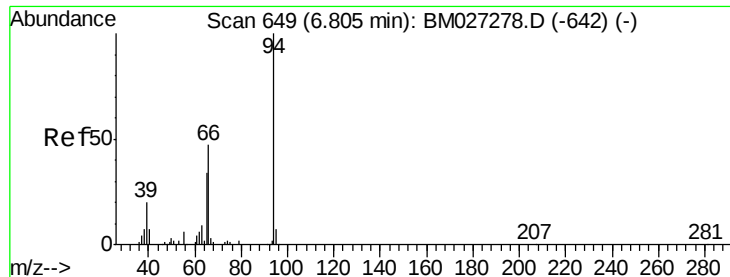
Instrument :
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#6

Phenol

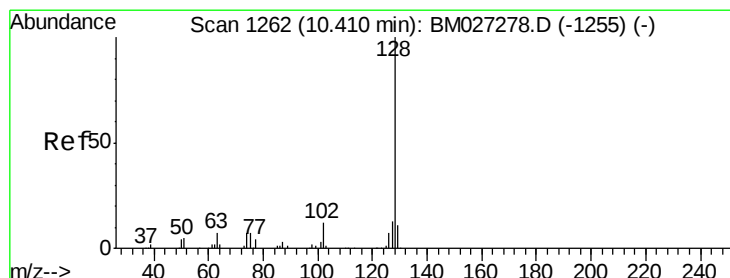
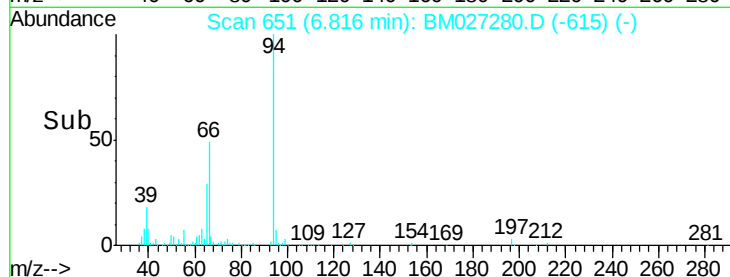
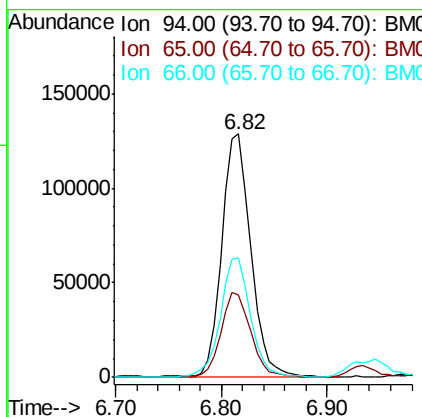
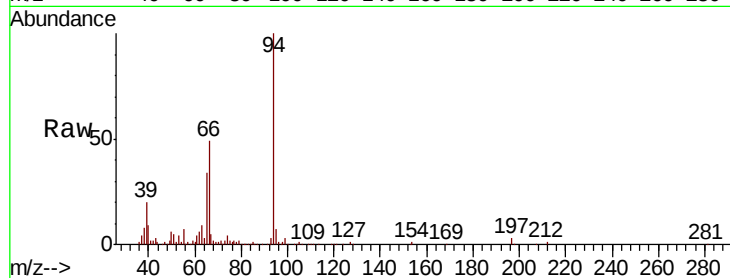
Concen: 23.065 ng/ul
RT: 6.82 min Scan# 651
Delta R.T. 0.01 min
Lab File: BM027280.D
Acq: 27 Aug 2020 17:23

Instrument :
BNA_M
ClientSampleId :
F4Y05

Tot Ion	Ratio	Lower	Upper
94	100		
65	33.8	24.8	37.2
66	49.0	34.7	52.1

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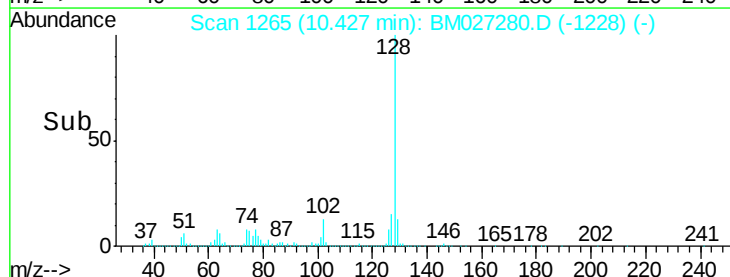
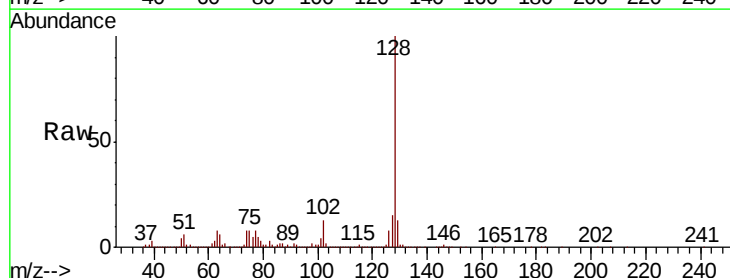
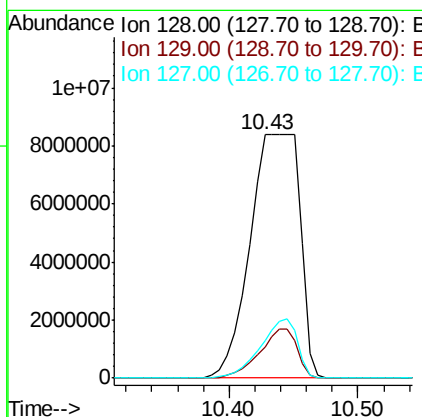


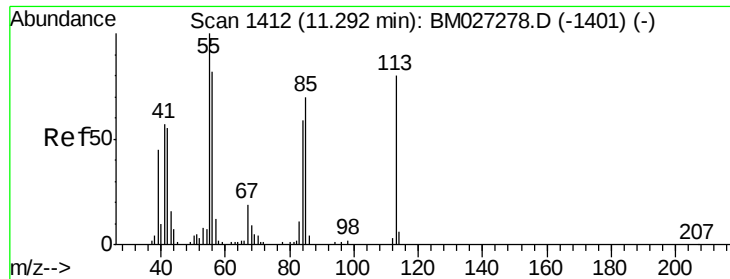
#28

Naphthalene

Concen: 855.288 ng/ul m
RT: 10.43 min Scan# 1265
Delta R.T. 0.02 min
Lab File: BM027280.D
Acq: 27 Aug 2020 17:23

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.9	13.3
127	15.2	10.4	15.6





#32

Caprolactam

Concen: 497.579 ng/ul

RT: 11.41 min Scan# 1432

Delta R.T. 0.12 min

Lab File: BM027280.D

Acq: 27 Aug 2020 17:23

Instrument :

BNA_M

ClientSampleId :

F4Y05

Tot Ion:113 Resp: 1364664

Ion Ratio Lower Upper

113 100

55 119.3 94.0 141.0

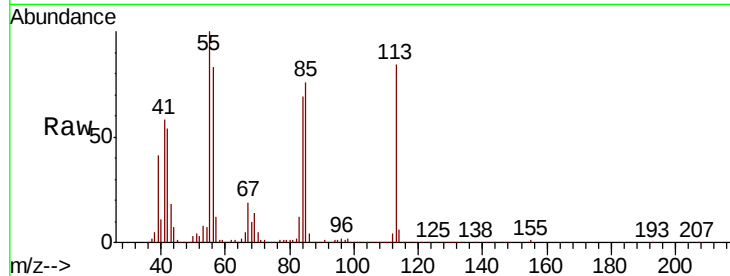
56 98.5 82.4 123.6

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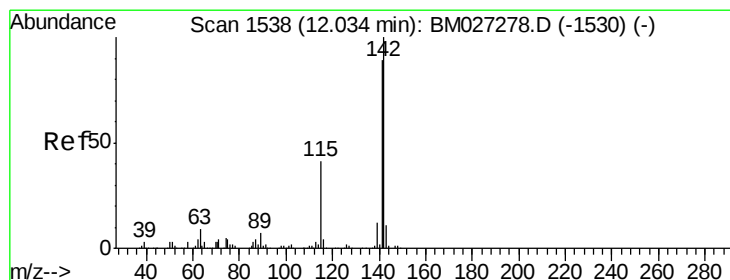
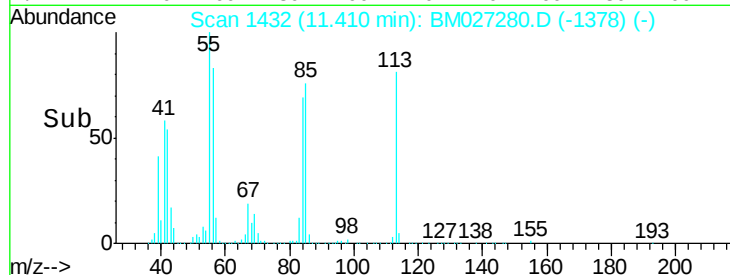
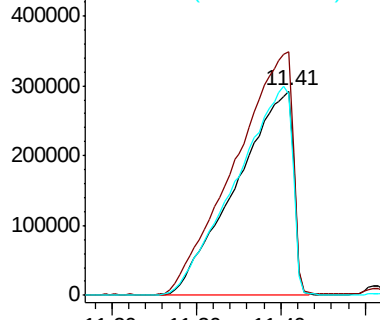
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#34

2-Methylnaphthalene

Concen: 29.228 ng/ul

RT: 12.03 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BM027280.D

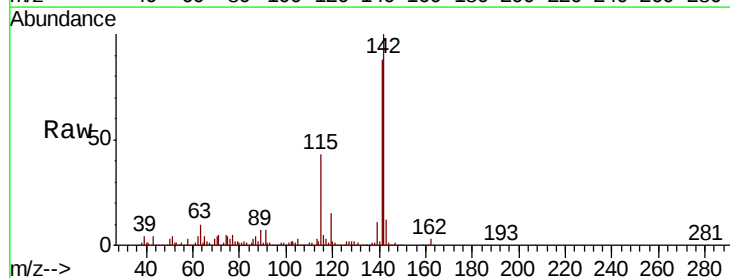
Acq: 27 Aug 2020 17:23

Tgt Ion:142 Resp: 591050

Ion Ratio Lower Upper

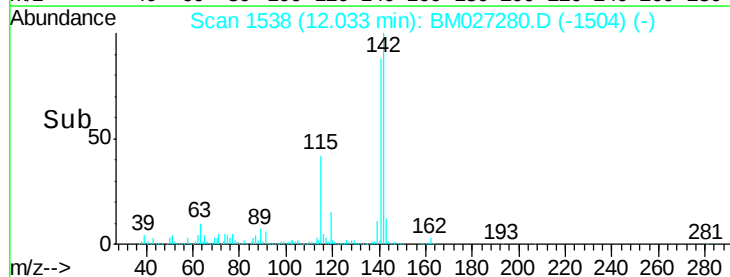
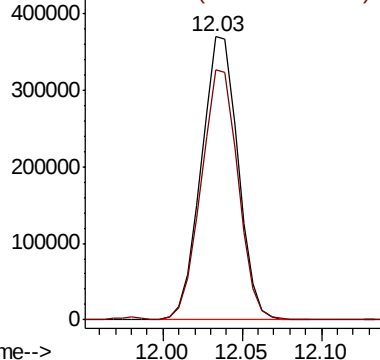
142 100

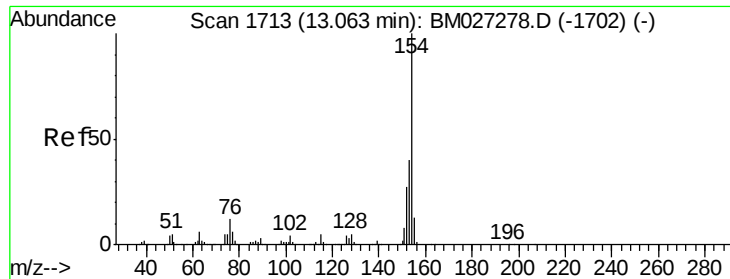
141 88.3 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





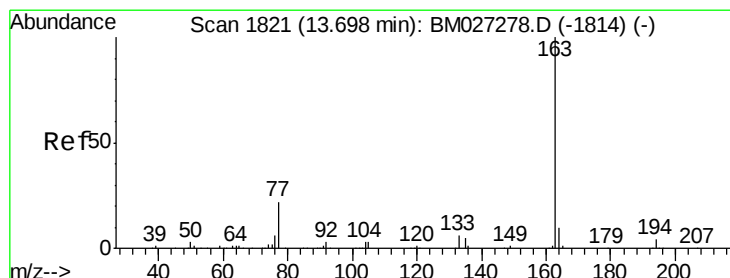
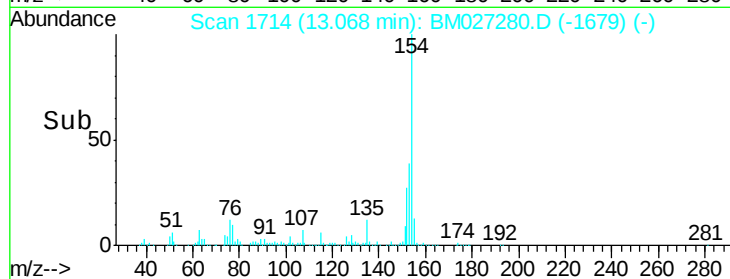
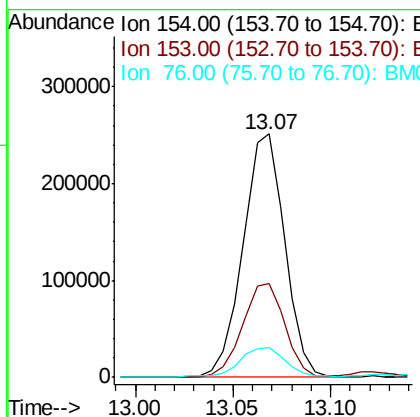
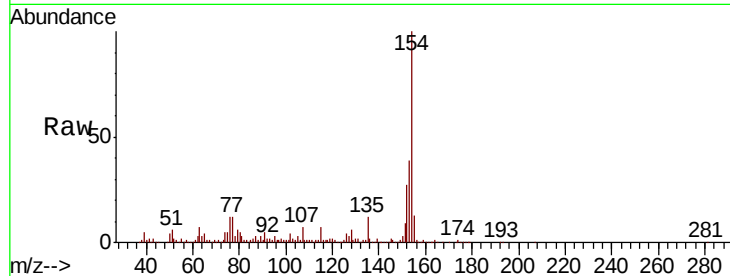
#41
 1,1'-Biphenyl
 Concen: 13.092 ng/ul
 RT: 13.07 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BM027280.D
 Acq: 27 Aug 2020 17:23

Instrument :
 BNA_M
 ClientSampleId :
 F4Y05

Tot Ion:	154	Resp:	371179
Ion Ratio	Lower	Upper	
154	100		
153	38.7	32.2	48.2
76	12.3	10.2	15.4

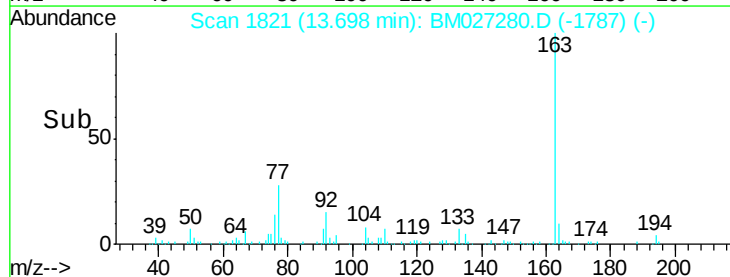
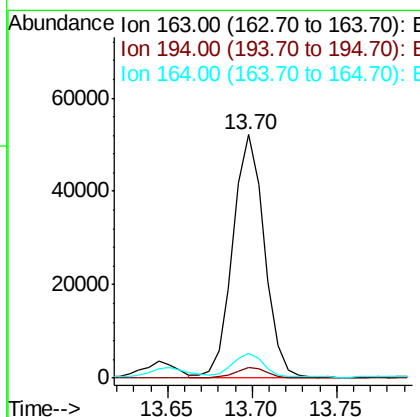
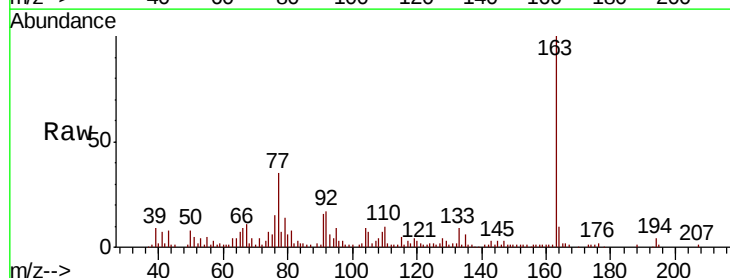
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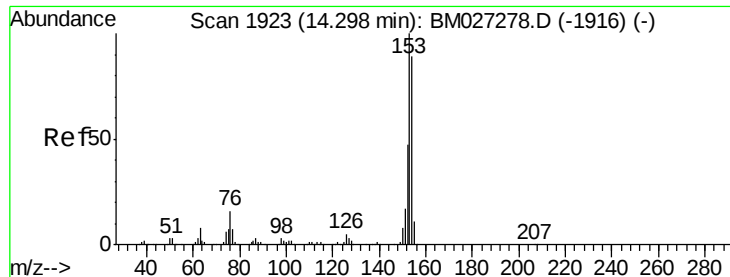
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#45
 Dimethylphthalate
 Concen: 2.295 ng/ul
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BM027280.D
 Acq: 27 Aug 2020 17:23

Tgt Ion:	163	Resp:	68275
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	10.1	8.2	12.2





#50

Acenaphthene

Concen: 1.592 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM027280.D

Acq: 27 Aug 2020 17:23

Instrument :

BNA_M

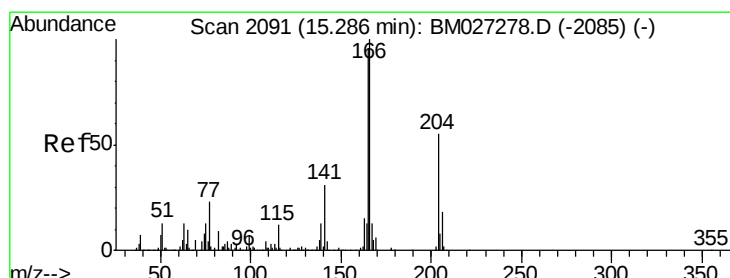
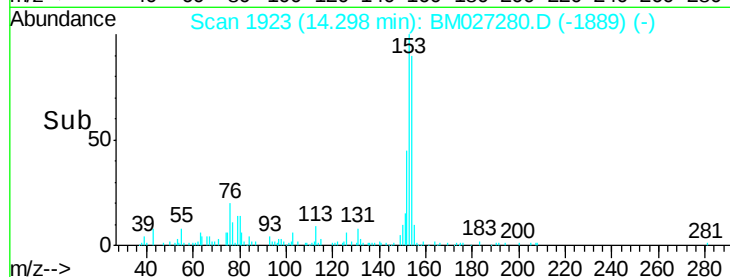
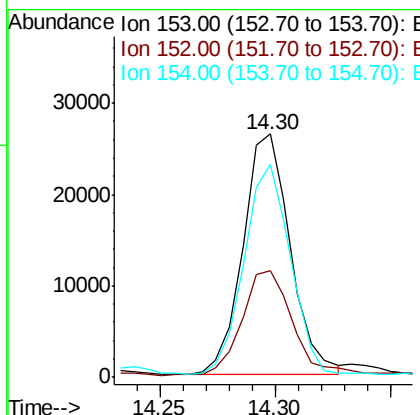
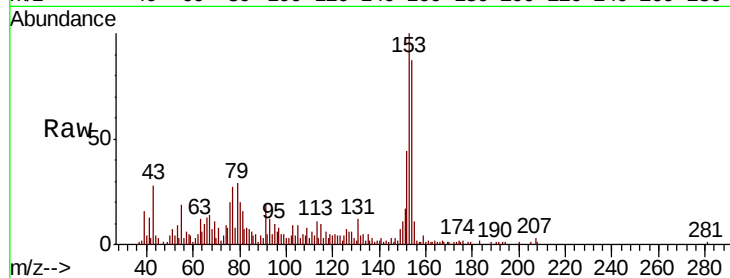
ClientSampleId :

F4Y05

Tot Ion:	153	Resp:	37786
Ion Ratio	Lower	Upper	
153	100		
152	43.8	37.4	56.2
154	87.2	70.2	105.4

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#59

Fluorene

Concen: 2.881 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BM027280.D

Acq: 27 Aug 2020 17:23

Tgt Ion:	166	Resp:	83249
Ion Ratio	Lower	Upper	
166	100		
165	99.2	76.9	115.3
167	14.2	10.7	16.1

