

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091920\
 Data File : BM027475.D
 Acq On : 18 Sep 2020 23:14
 Operator : JU/CG
 Sample : L4046-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG0Q0

Manual Integrations
 APPROVED

mohammad
 9/21/2020 10:48:01 AM

Quant Time: Sep 19 01:57:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 19 00:24:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	121447	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	452986	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	307359	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	662424	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	654846	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	677509	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	18088	6.63	ng/uL	0.00
5) Phenol-d5	6.69	99	97974	9.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	257855	38.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	259387	35.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	175397	21.48	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	148629	43.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	178218	47.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	337944	41.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	69792	7.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1115204	45.60	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1378107	49.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	33851m	7.86	ng/ul	0.02
58) Fluorene-d10	15.14	176	962445	43.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	178083	42.01	ng/ul	0.00
71) Anthracene-d10	16.99	188	1497666	47.81	ng/ul	0.00
79) Pyrene-d10	19.30	212	1628130	55.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1729326	47.59	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.09	88	51682	15.821	ng/uL	95
6) Phenol	6.72	94	44107	4.146	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.93	93	18004	2.107	ng/ul	93
28) Naphthalene	10.33	128	8541965	354.894	ng/ul	99
34) 2-Methylnaphthalene	11.94	142	665095	36.550	ng/ul	97
41) 1,1'-Biphenyl	12.97	154	39267	1.699	ng/ul	98
45) Dimethylphthalate	13.62	163	43435	1.685	ng/ul#	94
50) Acenaphthene	14.21	153	330400	16.496	ng/ul	98

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

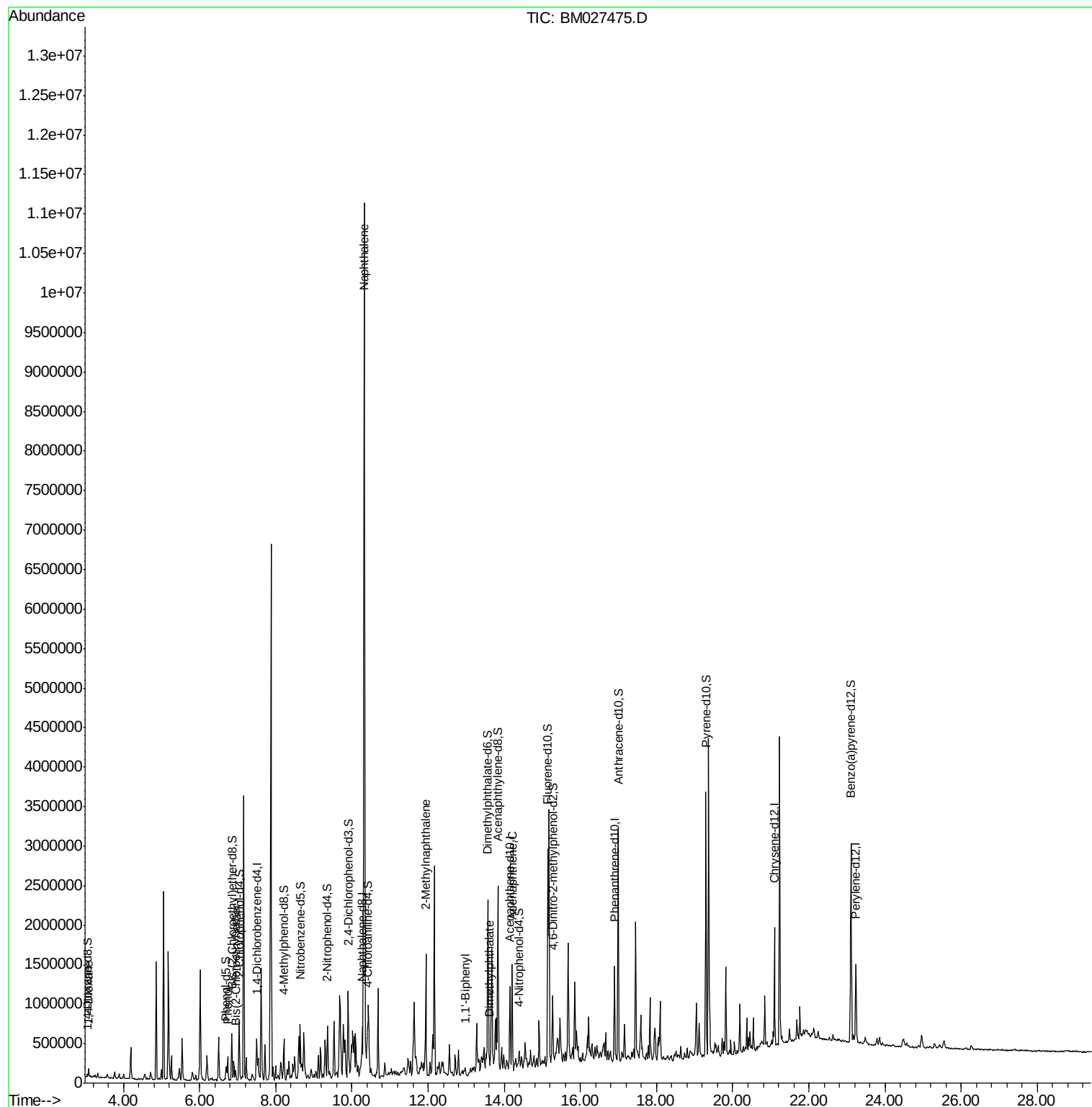
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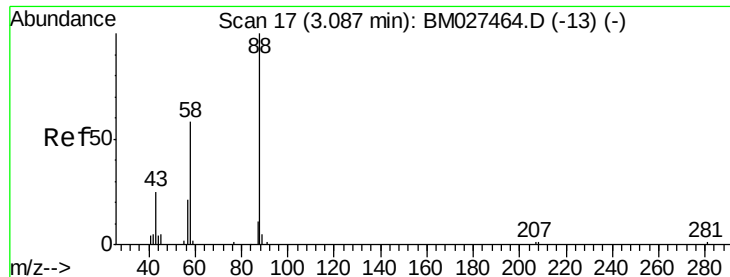
Instrument :
BNA_M
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 19 00:24:00 2020
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 15.821 ng/uL

RT: 3.09 min Scan# 17

Delta R.T. -0.00 min

Lab File: BM027475.D

Acq: 18 Sep 2020 23:14

Instrument :

BNA_M

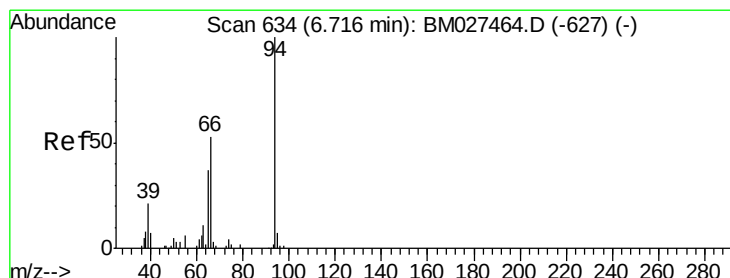
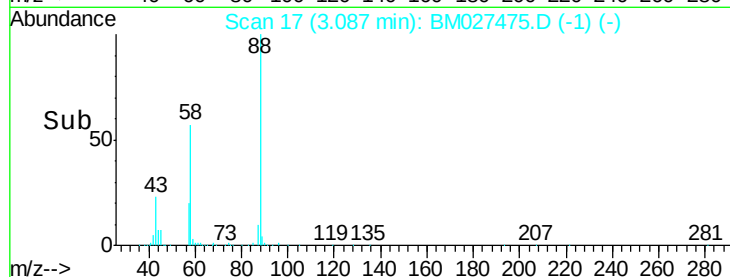
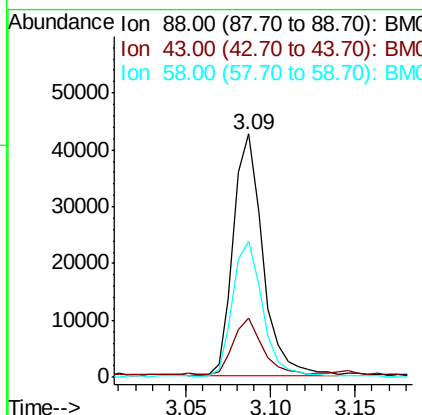
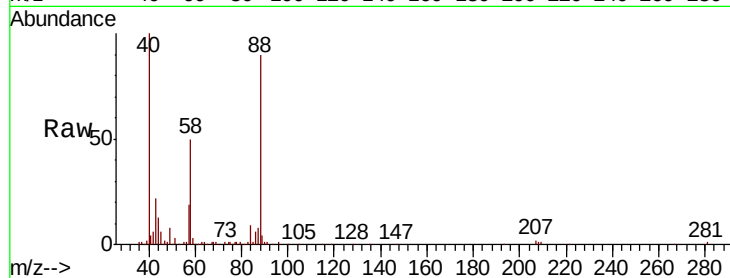
ClientSampleID :

BG0Q0

Tot Ion:	88	Resp:	51682
Ion	Ratio	Lower	Upper
88	100		
43	24.5	21.7	32.5
58	55.8	47.4	71.0

Manual Integrations
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#6

Phenol

Concen: 4.146 ng/uL

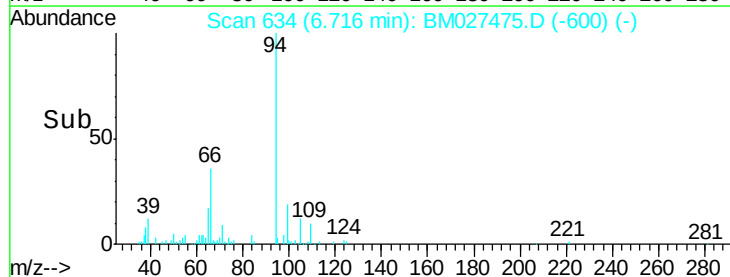
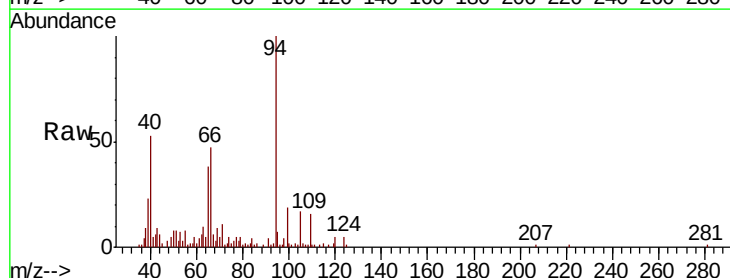
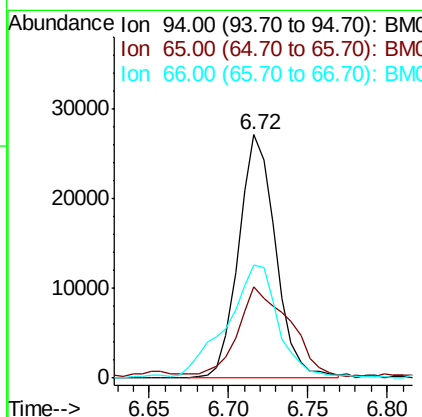
RT: 6.72 min Scan# 634

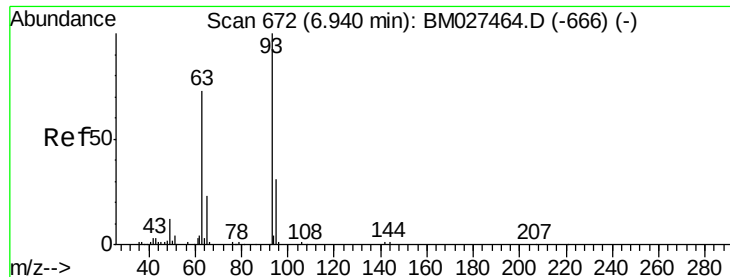
Delta R.T. -0.00 min

Lab File: BM027475.D

Acq: 18 Sep 2020 23:14

Tgt Ion:	94	Resp:	44107
Ion	Ratio	Lower	Upper
94	100		
65	37.6	30.2	45.4
66	46.5	42.4	63.6





#8

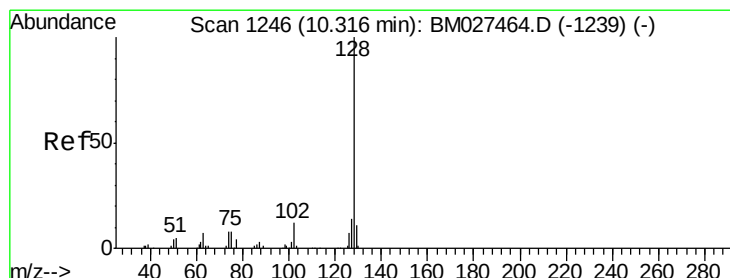
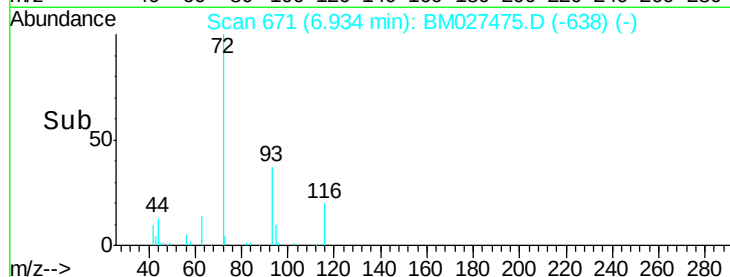
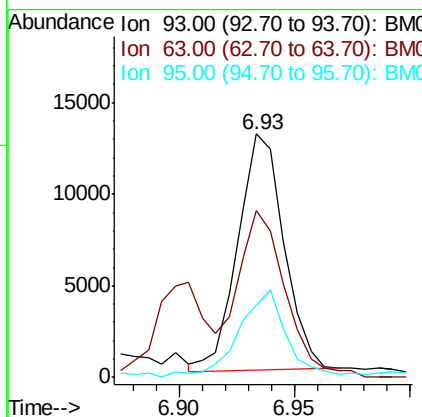
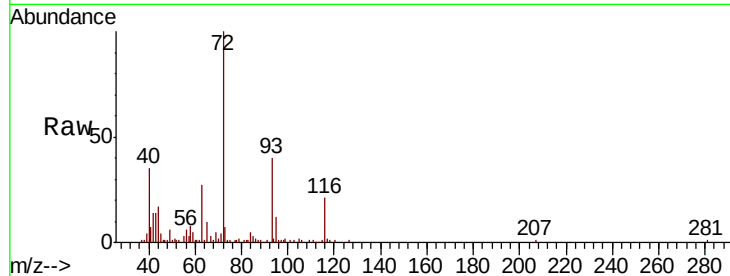
Bis(2-Chloroethyl)ether
 Concen: 2.107 ng/ul
 RT: 6.93 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BM027475.D
 Acq: 18 Sep 2020 23:14

Instrument :
 BNA_M
 ClientSampleId :
 BG0Q0

Tot Ion:	93	Resp:	18004
Ion Ratio	Lower	Upper	
93	100		
63	68.4	60.6	90.8
95	29.8	25.0	37.4

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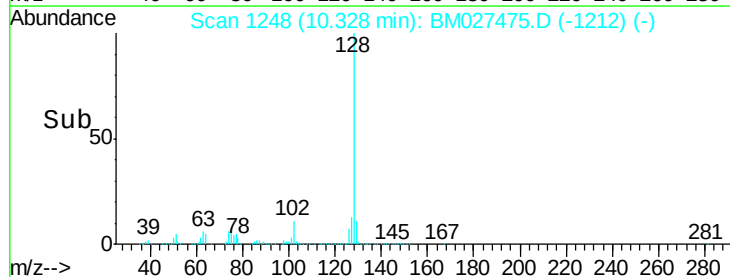
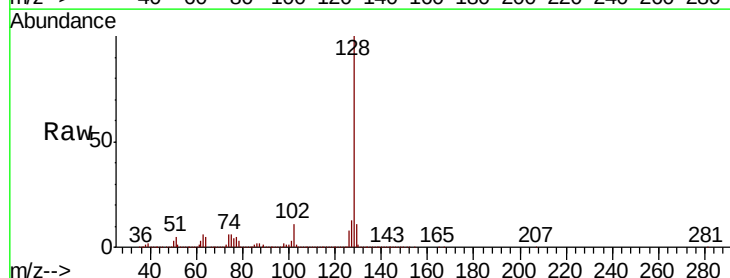
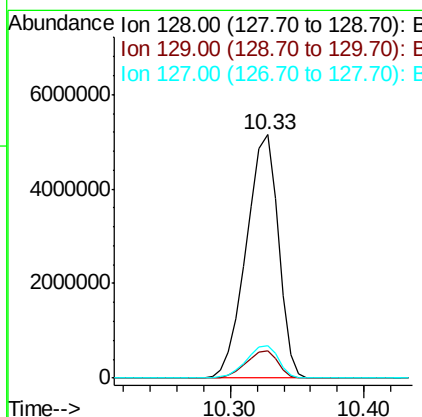
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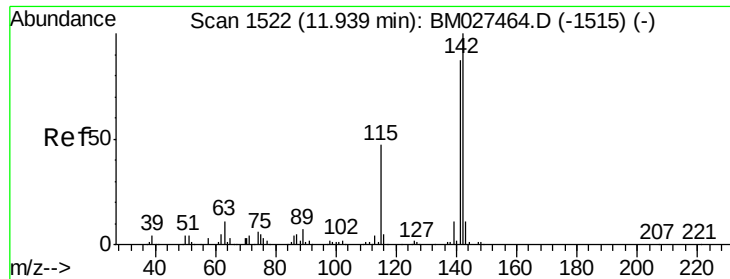


#28

Naphthalene
 Concen: 354.894 ng/ul
 RT: 10.33 min Scan# 1248
 Delta R.T. 0.01 min
 Lab File: BM027475.D
 Acq: 18 Sep 2020 23:14

Tgt Ion:	128	Resp:	8541965
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.4	12.6
127	13.3	10.3	15.5





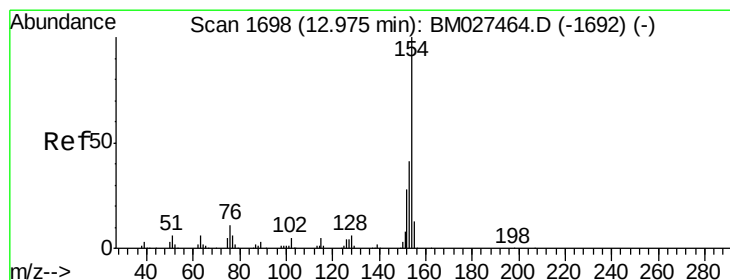
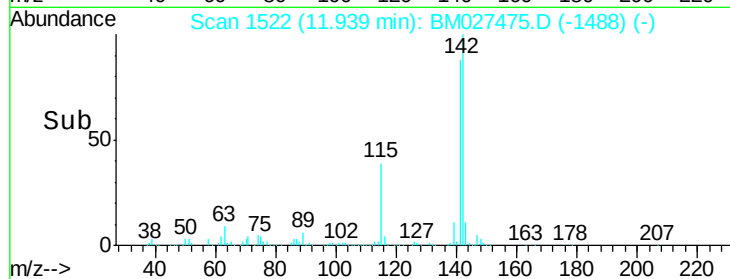
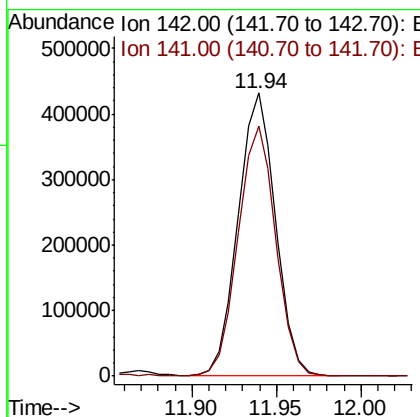
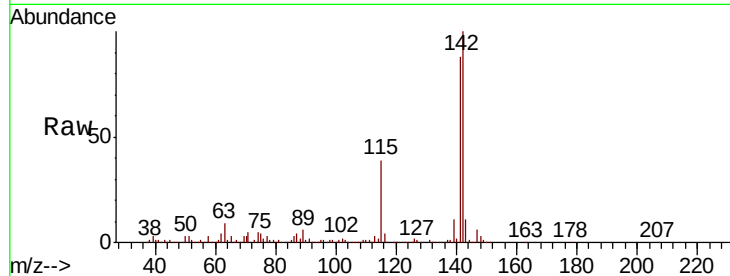
#34
 2-Methylnaphthalene
 Concen: 36.550 ng/ul
 RT: 11.94 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BM027475.D
 Acq: 18 Sep 2020 23:14

Instrument :
 BNA_M
 ClientSampled :
 BG0Q0

Tot Ion	Ratio	Resp	Lower	Upper
142	100	665095		
141	88.4	68.2	102.4	

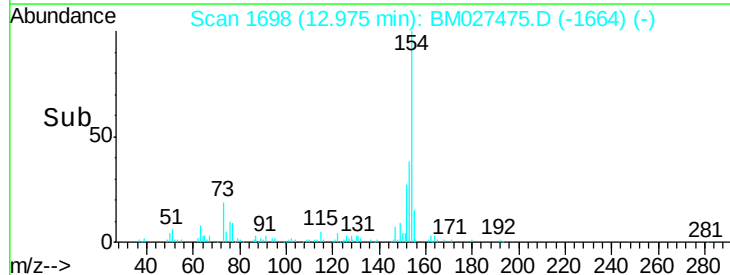
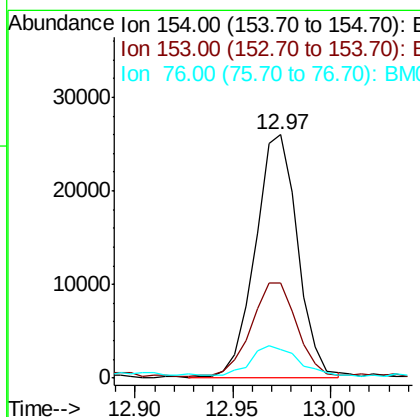
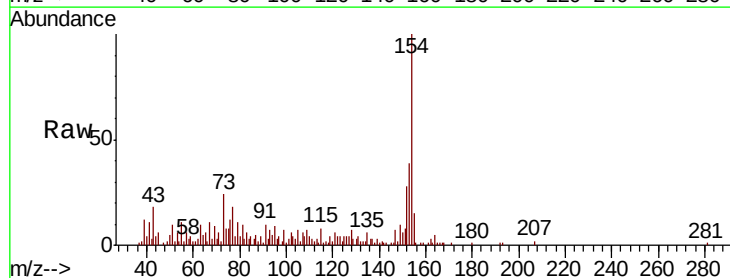
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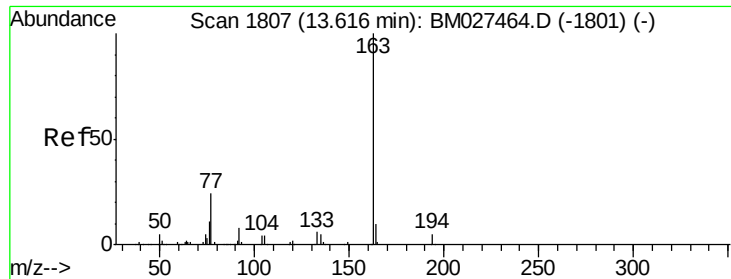
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#41
 1,1'-Biphenyl
 Concen: 1.699 ng/ul
 RT: 12.97 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BM027475.D
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100	39267		
153	39.0	32.0	48.0	
76	11.8	9.8	14.8	





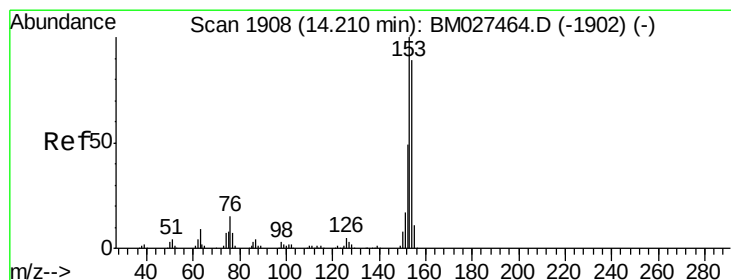
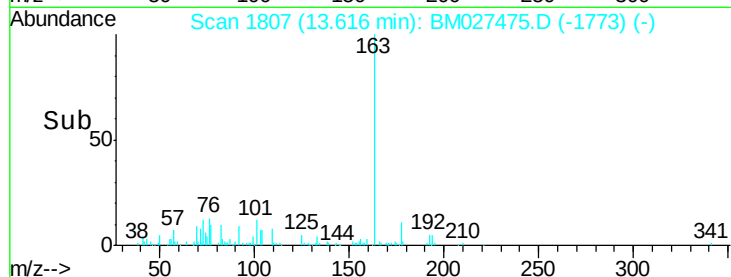
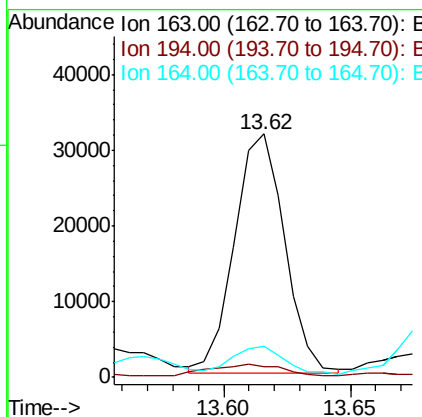
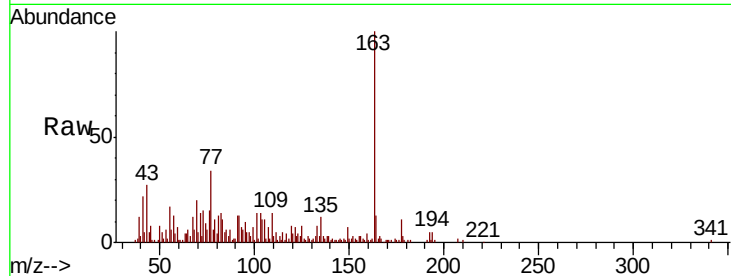
#45
Dimethylphthalate
Concen: 1.685 ng/ul
RT: 13.62 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BM027475.D
Acq: 18 Sep 2020 23:14

Instrument :
BNA_M
ClientSampleId :
BG0Q0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	43435		
194	4.6	3.3	4.9	
164	12.9	8.1	12.1	

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#50
Acenaphthene
Concen: 16.496 ng/ul
RT: 14.21 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM027475.D
Acq: 18 Sep 2020 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	330400		
152	46.2	38.1	57.1	
154	88.3	72.5	108.7	

